

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120509.D
 Acq On : 3 Jun 2020 15:08
 Operator : JU/CG
 Sample : L2839-23MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Manual Integrations
 APPROVED

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 6/4/2020 12:12:16 PM

Quant Time: Jun 03 15:52:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235826	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	904340	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	449871	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	809358	20.00	ng	0.00
76) Chrysene-d12	14.00	240	469515	20.00	ng	0.00
86) Perylene-d12	15.46	264	517299	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	941256	76.06	ng	0.01
7) Phenol-d6	6.47	99	1214329	79.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	867037	62.71	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	362490	86.96	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1582407	59.68	ng	0.00
79) Terphenyl-d14	12.95	244	1489751	70.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	197100	32.154	ng	99
3) Pyridine	3.40	79	527722	31.085	ng	100
4) n-Nitrosodimethylamine	3.36	42	287593	40.030	ng	95
6) Aniline	6.52	93	758736	35.677	ng	99
8) 2-Chlorophenol	6.62	128	620644	44.481	ng	96
9) Benzaldehyde	6.39	77	329513	35.447	ng	98
10) Phenol	6.49	94	730199	43.779	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	619121	44.420	ng	99
12) 1,3-Dichlorobenzene	6.77	146	630958	41.161	ng	96
13) 1,4-Dichlorobenzene	6.85	146	633048	41.392	ng	99
14) 1,2-Dichlorobenzene	7.01	146	585412	41.441	ng	99
15) Benzyl Alcohol	6.98	79	491932	42.786	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	835431	38.021	ng	100
17) 2-Methylphenol	7.10	107	489911	39.265	ng	99
18) Hexachloroethane	7.35	117	232527	41.534	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	380416	39.236	ng	97
20) 3+4-Methylphenols	7.25	107	530289	33.643	ng	97
22) Acetophenone	7.25	105	731941	39.852	ng	97
24) Nitrobenzene	7.42	77	612766	41.146	ng	97
25) Isophorone	7.66	82	1127086	40.562	ng	99
26) 2-Nitrophenol	7.73	139	334758	49.856	ng	92
27) 2,4-Dimethylphenol	7.77	122	533067	45.715	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	708371	42.333	ng	100
29) 2,4-Dichlorophenol	7.98	162	494133	41.954	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	545022	41.235	ng	99
31) Naphthalene	8.15	128	1652427	41.605	ng	100
32) Benzoic acid	7.92	122	414924	47.951	ng	94
33) 4-Chloroaniline	8.20	127	532109	30.230	ng	99
34) Hexachlorobutadiene	8.26	225	322070	41.109	ng	98
35) Caprolactam	8.57	113	163158m	42.775	ng	
36) 4-Chloro-3-methylphenol	8.68	107	503409	42.129	ng	97
37) 2-Methylnaphthalene	8.83	142	1104758	41.995	ng	99
38) 1-Methylnaphthalene	8.93	142	1045935	42.121	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	520138	45.085	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	429899	66.768	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	362178	43.408	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	387808	41.003	nq	99
46) 1,1'-Biphenyl	9.30	154	1318853	44.627	nq	99
47) 2-Chloronaphthalene	9.32	162	1021977	41.996	nq	98
48) 2-Nitroaniline	9.42	65	315423	42.555	nq	96
49) Acenaphthylene	9.74	152	1602636	42.617	nq	100
50) Dimethylphthalate	9.60	163	1366130	48.574	nq	99
51) 2,6-Dinitrotoluene	9.66	165	266929	42.707	nq	94
52) Acenaphthene	9.91	154	1051400m	44.798	nq	
53) 3-Nitroaniline	9.83	138	206918	28.192	nq	99
54) 2,4-Dinitrophenol	9.94	184	237907	93.133	nq	97
55) Dibenzofuran	10.09	168	1404645	41.184	nq	99
56) 4-Nitrophenol	10.00	139	458844	81.658	nq	89
57) 2,4-Dinitrotoluene	10.07	165	351353	43.923	nq	93
58) Fluorene	10.43	166	1022511	39.950	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	311824	42.310	nq	99
60) Diethylphthalate	10.30	149	1179092	41.487	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	519843	37.463	nq	97
62) 4-Nitroaniline	10.45	138	264799	38.216	nq	98
63) Azobenzene	10.57	77	1053503	39.408	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	163445	55.366	nq	94
66) n-Nitrosodiphenylamine	10.53	169	971383	43.206	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	342416	41.912	nq	95
68) Hexachlorobenzene	10.97	284	375122	43.115	nq	97
69) Atrazine	11.06	200	261030	41.192	nq	99
70) Pentachlorophenol	11.17	266	404451	76.032	nq	98
71) Phenanthrene	11.39	178	1588725	44.549	nq	99
72) Anthracene	11.44	178	1552503	43.388	nq	100
73) Carbazole	11.59	167	1385985	40.047	nq	100
74) Di-n-butylphthalate	11.92	149	1715990	42.623	nq	100
75) Fluoranthene	12.57	202	1719983	44.822	nq	98
77) Benzidine	12.69	184	470667	38.153	nq	97
78) Pyrene	12.80	202	1681399	51.494	nq	99
80) Butylbenzylphthalate	13.42	149	633762	46.493	nq	95
81) Benzo(a)anthracene	13.99	228	1217557	48.386	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	343955	37.650	nq	99
83) Chrysene	14.03	228	1188824	45.064	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	845831	52.859	nq	100
85) Di-n-octyl phthalate	14.59	149	1345220	48.585	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1256934	44.425	nq	100
88) Benzo(b)fluoranthene	15.04	252	1314615	45.754	nq	99
89) Benzo(k)fluoranthene	15.07	252	1063365	39.644	nq	99
90) Benzo(a)pyrene	15.40	252	1124787	44.755	nq	100
91) Dibenzo(a,h)anthracene	16.93	278	974422	42.243	nq	99
92) Benzo(g,h,i)perylene	17.36	276	1029796	45.264	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

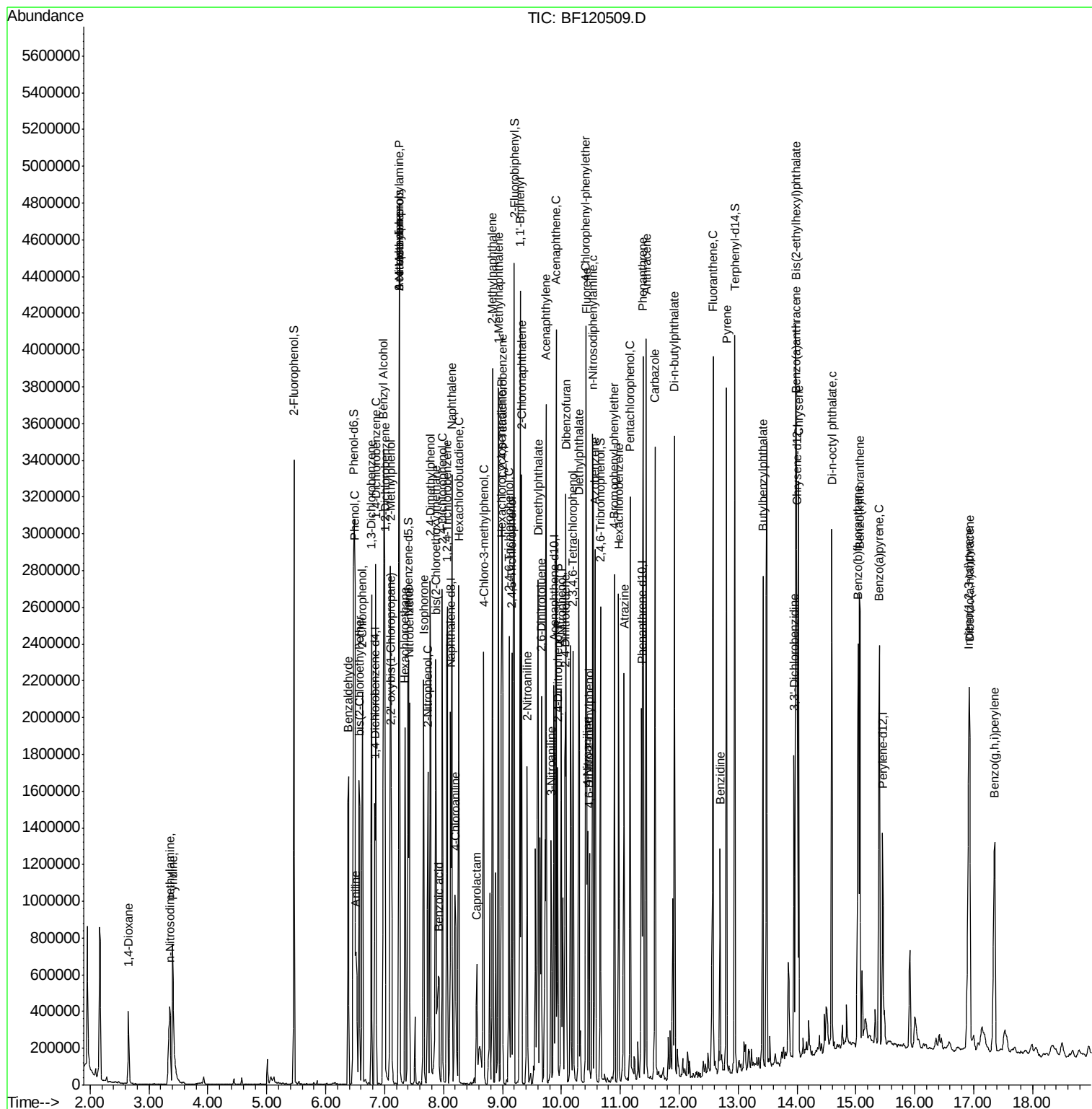
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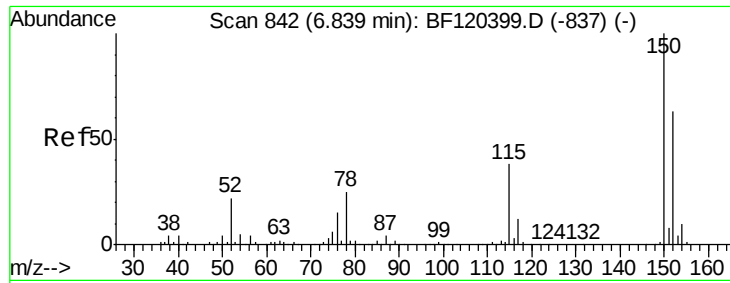
Instrument :
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 ClientSampleId :
 NM34-COMP-2020-0-6MSD

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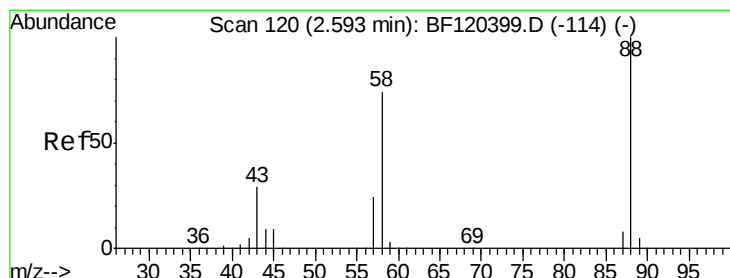
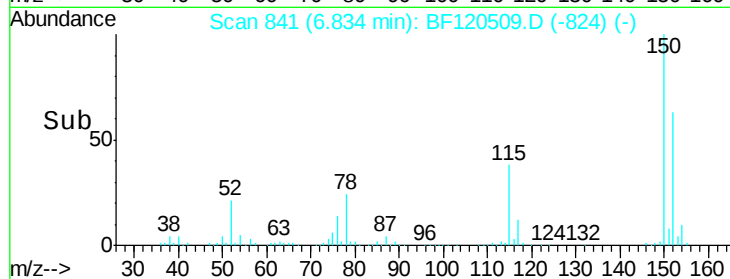
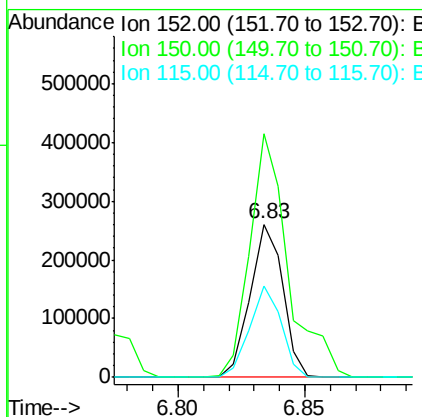
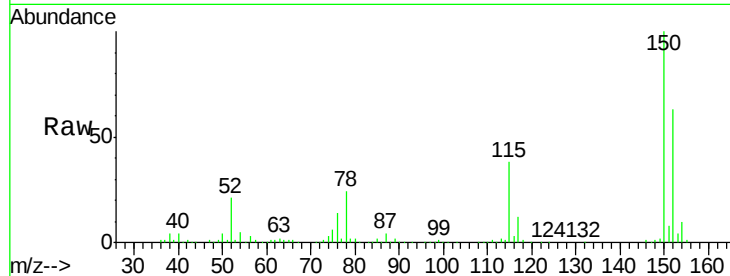
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.1	190.7
115	59.9	48.7	73.1

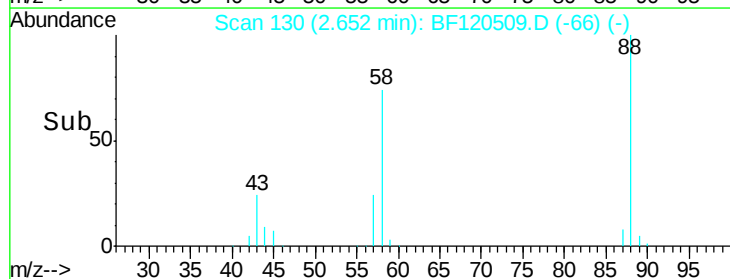
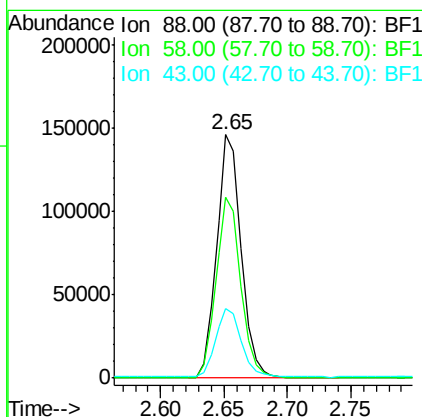
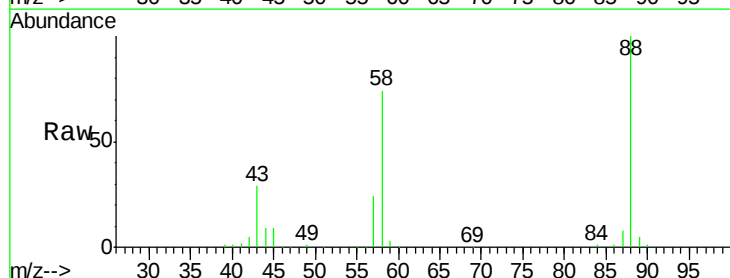
Manual Integrations
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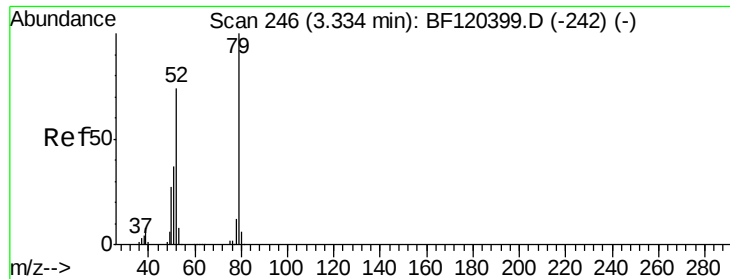
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#2
 1,4-Dioxane
 Concen: 32.154 ng
 RT: 2.65 min Scan# 130
 Delta R.T. 0.08 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	59.7	89.5
43	28.8	23.0	34.6





#3

Pvridine

Concen: 31.085 ng

RT: 3.40 min Scan# 257

Delta R.T. 0.07 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

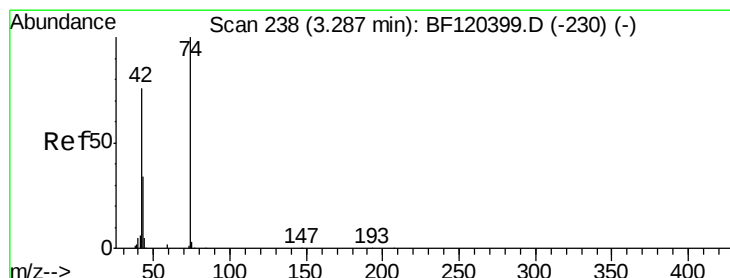
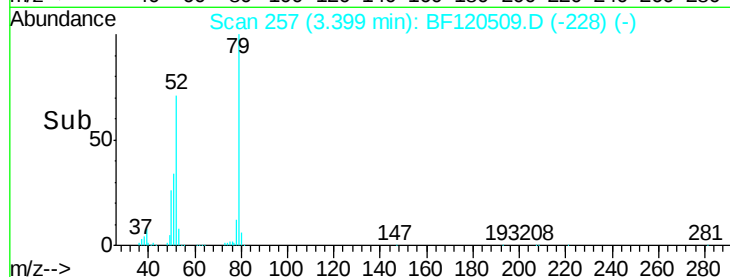
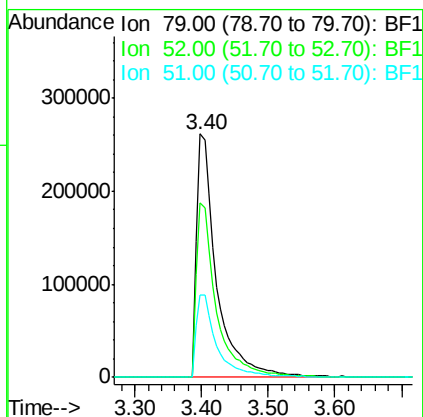
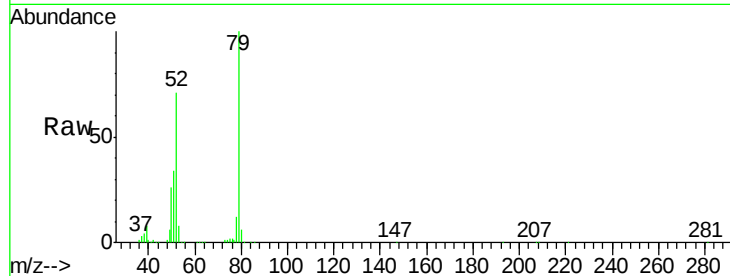
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	79	Resp:	527722
Ion Ratio	Lower	Upper	
79	100		
52	71.5	57.4	86.0
51	34.0	27.5	41.3

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#4

n-Nitrosodimethylamine

Concen: 40.030 ng

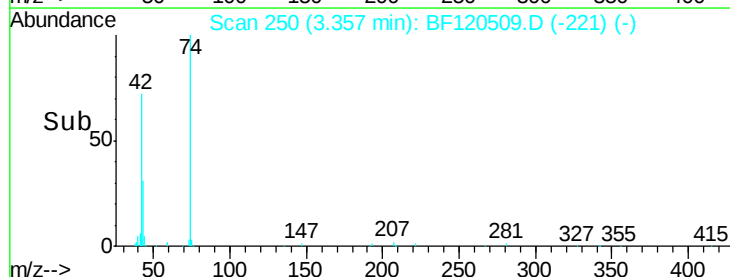
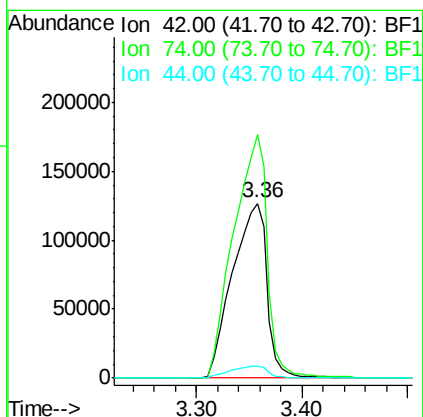
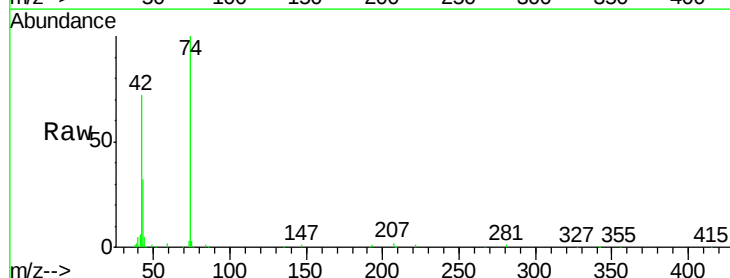
RT: 3.36 min Scan# 250

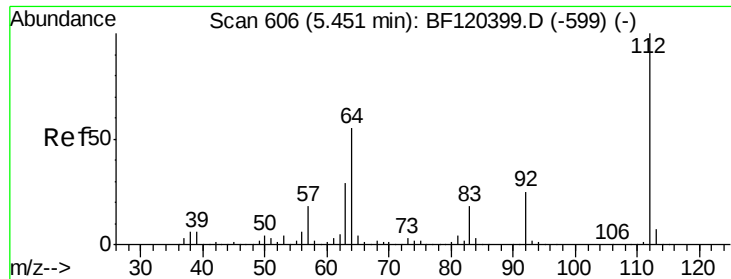
Delta R.T. 0.07 min

Lab File: BF120509.D

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Tgt Ion:	42	Resp:	287593
Ion Ratio	Lower	Upper	
42	100		
74	139.1	106.3	159.5
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 76.064 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

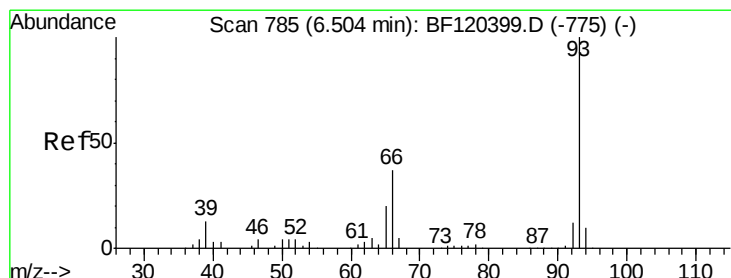
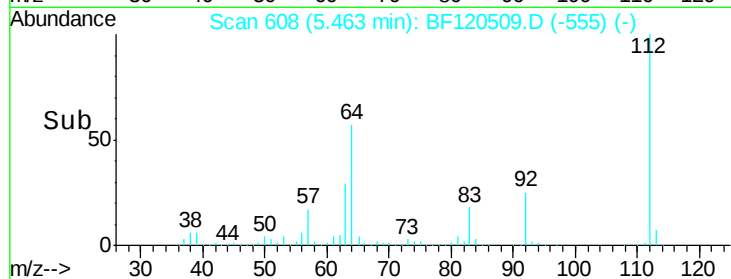
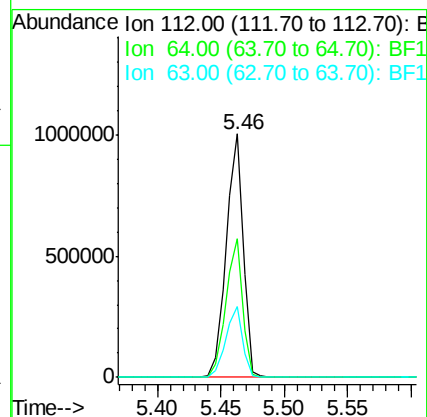
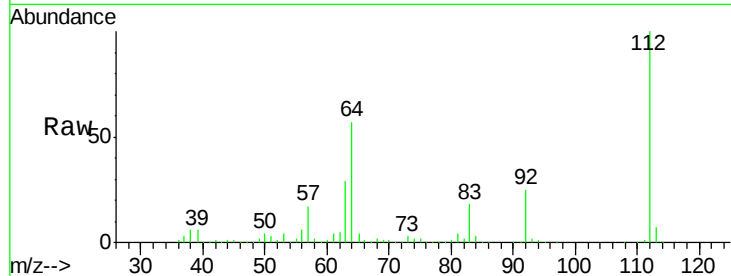
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	112	Resp:	941256
Ion Ratio	Lower	Upper	
112	100		
64	56.9	45.8	68.8
63	28.9	23.7	35.5

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#6

Aniline

Concen: 35.677 ng

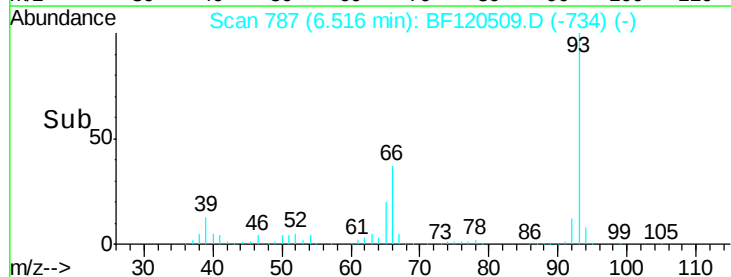
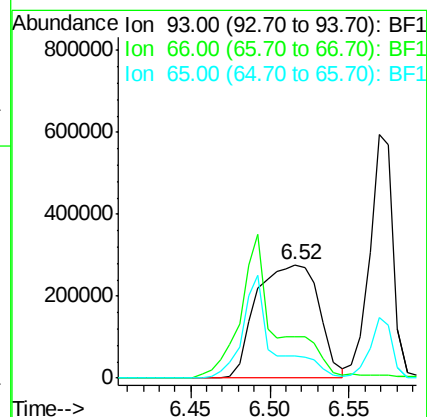
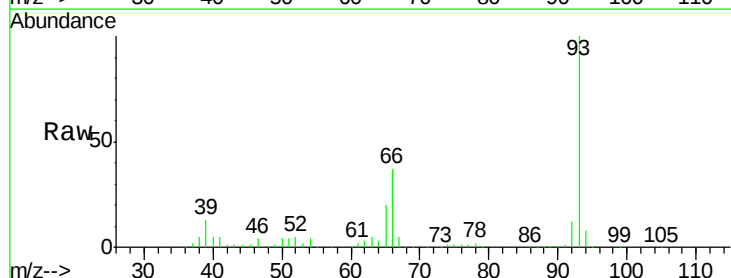
RT: 6.52 min Scan# 787

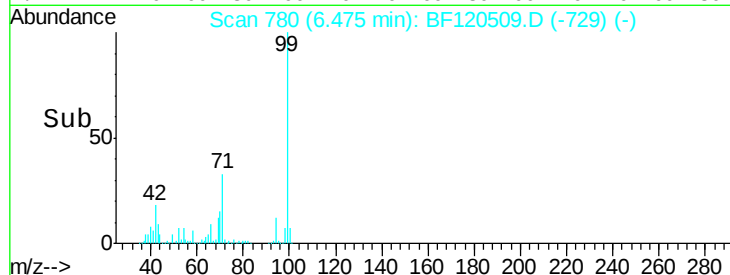
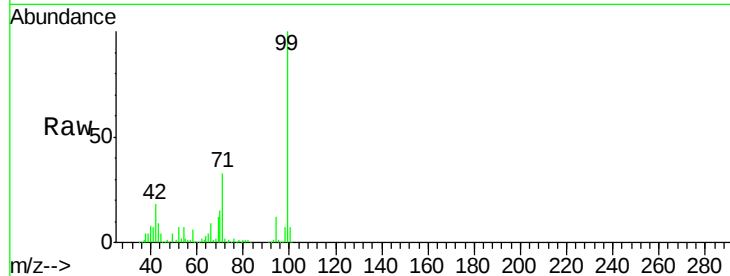
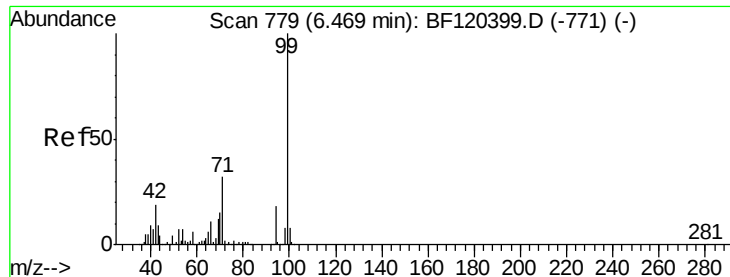
Delta R.T. 0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	93	Resp:	758736
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.9	44.9
65	19.8	15.5	23.3





#7

Phenol-d6

Concen: 79.616 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tot Ion:	99	Resp:	1214329
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	32.6	26.3	39.5

Instrument :

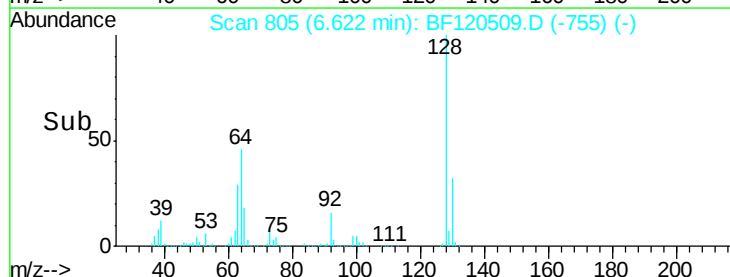
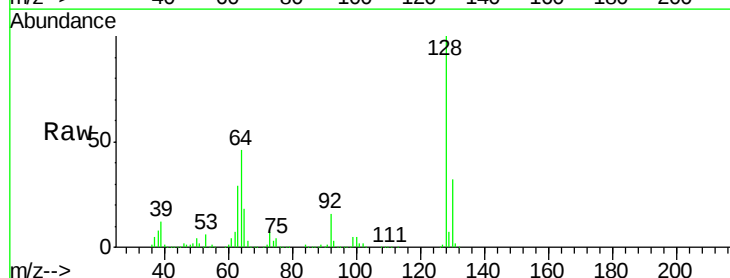
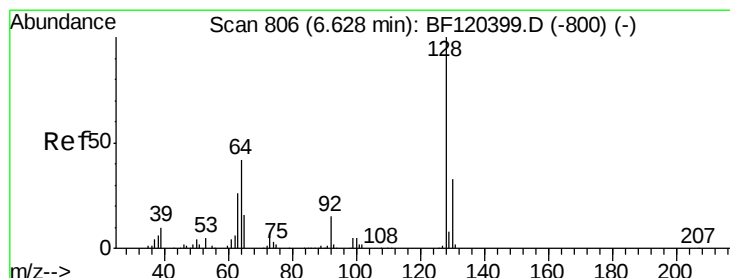
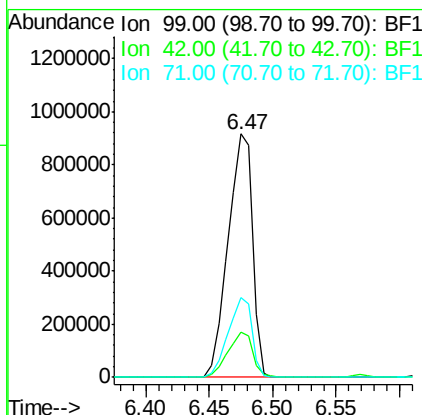
BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.481 ng

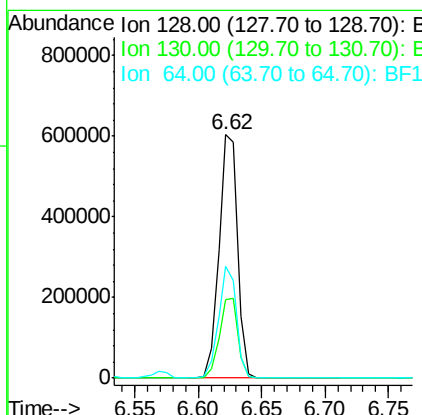
RT: 6.62 min Scan# 805

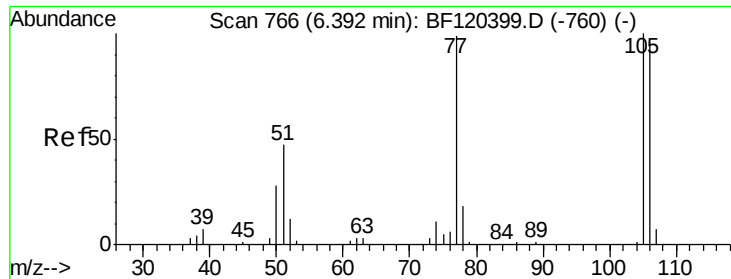
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	128	Resp:	620644
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.4	53.4
64	45.8	21.5	61.5





#9

Benzaldehyde

Concen: 35.447 ng

RT: 6.39 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

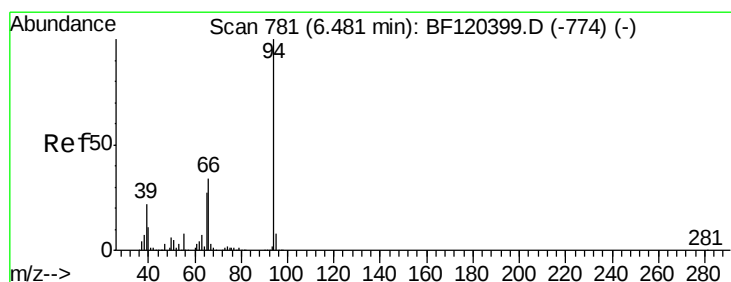
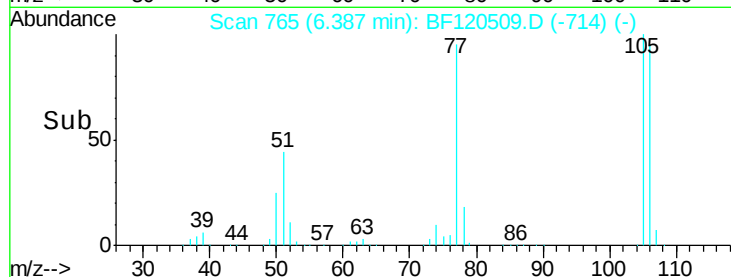
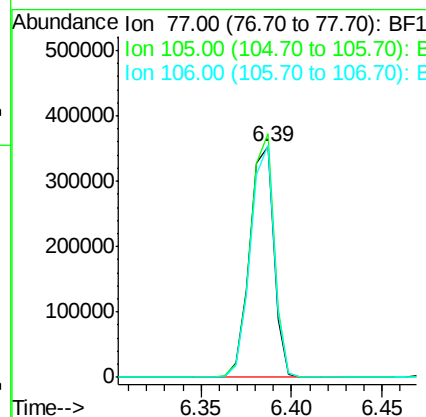
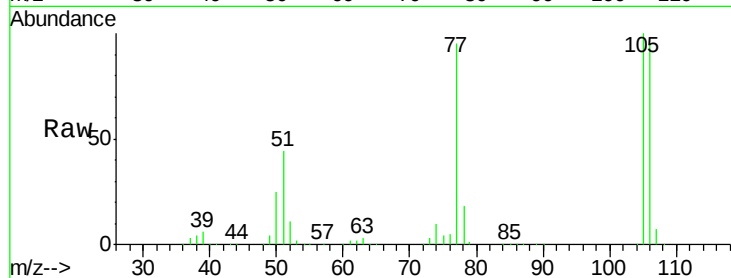
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	77	Resp:	329513
Ion	Ratio	Lower	Upper
77	100		
105	105.6	83.2	123.2
106	100.7	78.9	118.9

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#10

Phenol

Concen: 43.779 ng

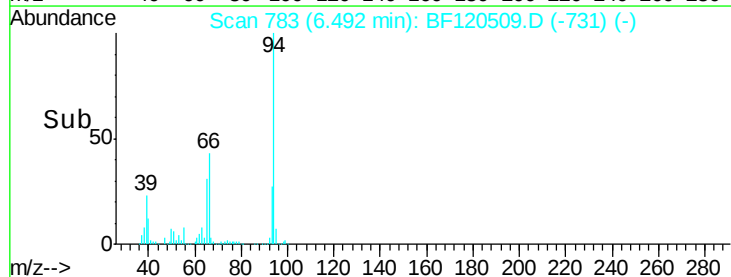
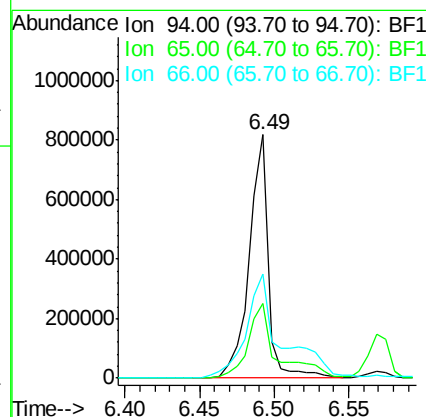
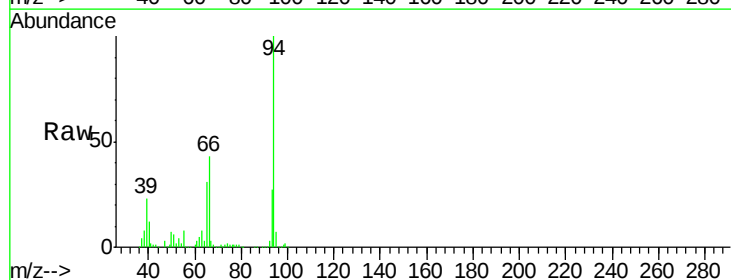
RT: 6.49 min Scan# 783

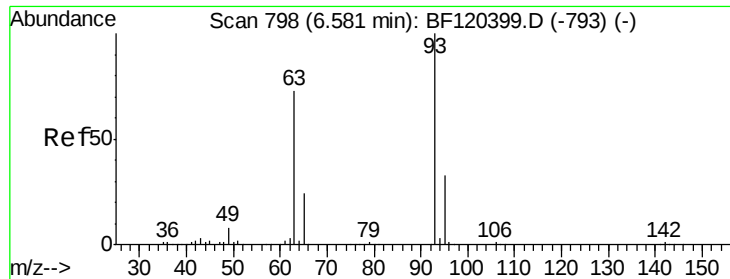
Delta R.T. 0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	94	Resp:	730199
Ion	Ratio	Lower	Upper
94	100		
65	30.9	14.2	54.2
66	42.8	27.5	67.5





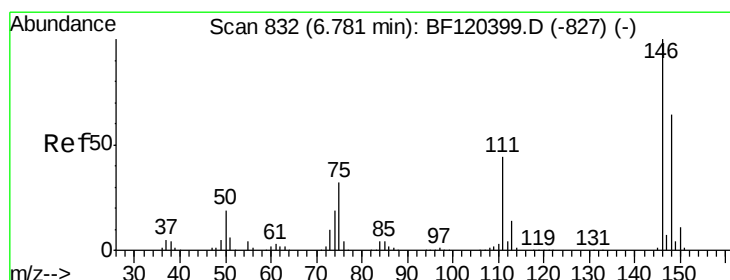
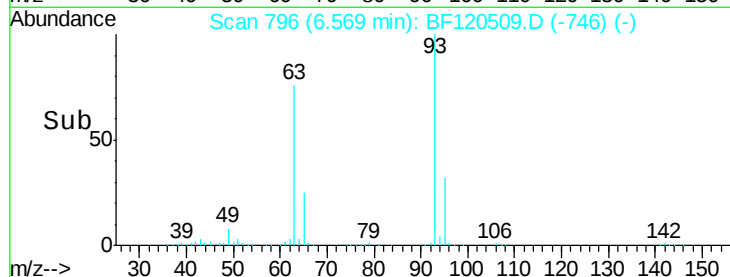
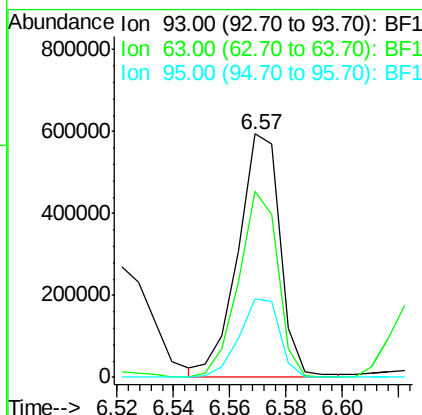
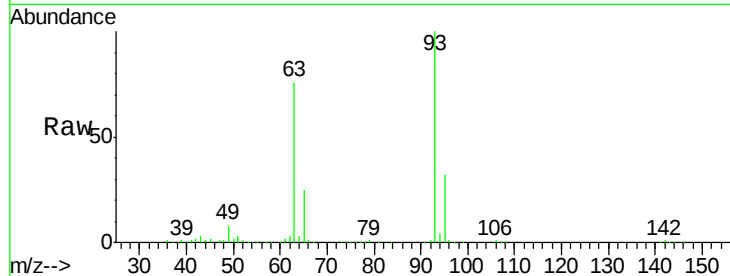
#11
bis(2-Chloroethyl)ether
Concen: 44.420 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	54.8	94.8
95	32.1	12.7	52.7

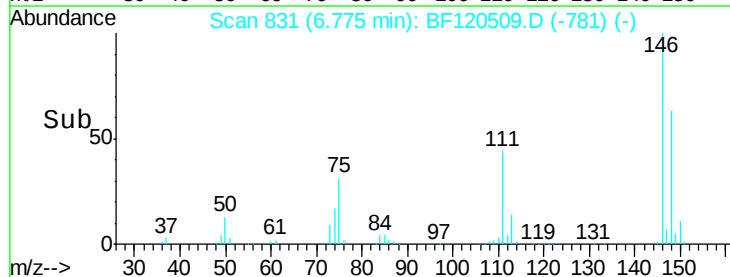
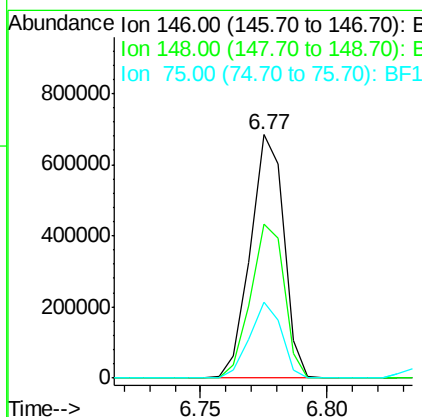
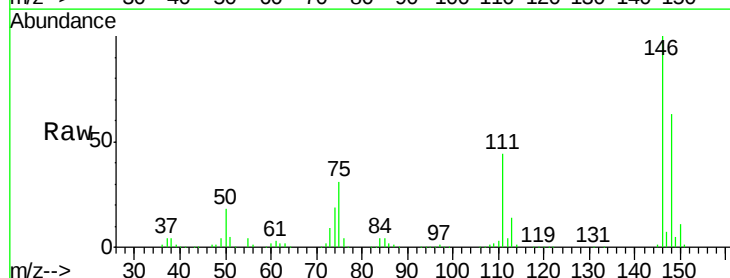
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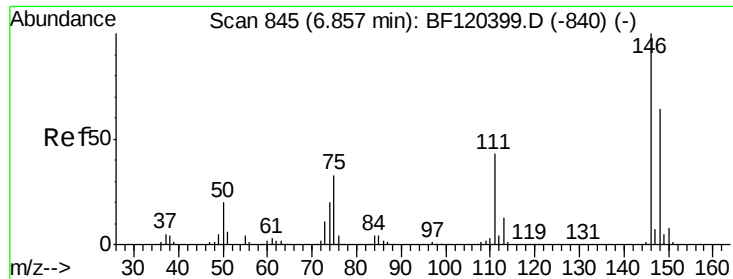
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#12
1,3-Dichlorobenzene
Concen: 41.161 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.9	77.9
75	31.2	22.2	33.2





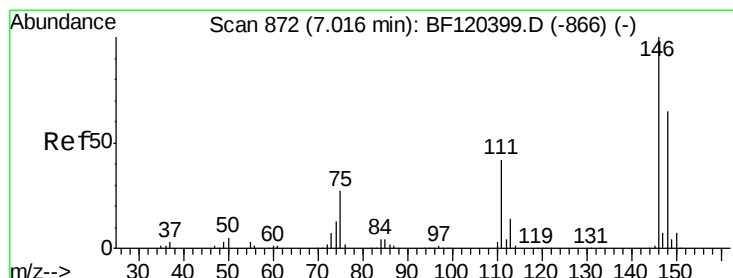
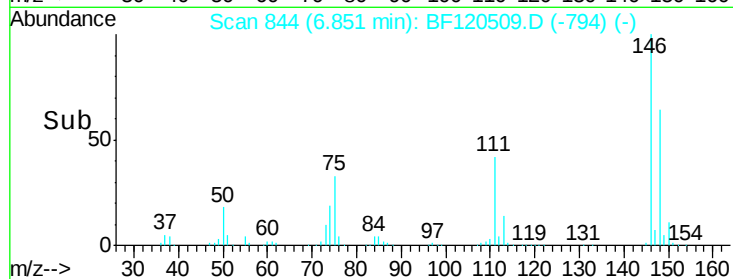
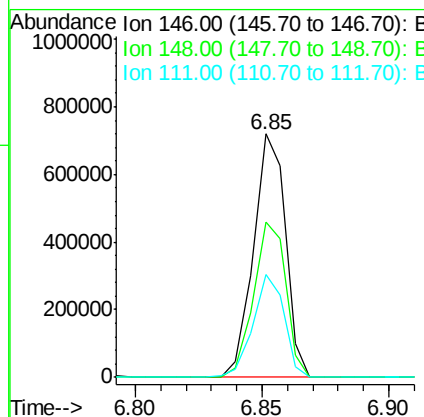
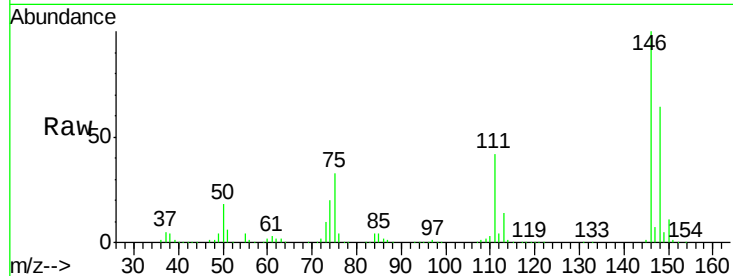
#13
1,4-Dichlorobenzene
Concen: 41.392 ng
RT: 6.85 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	42.0	32.2	48.2

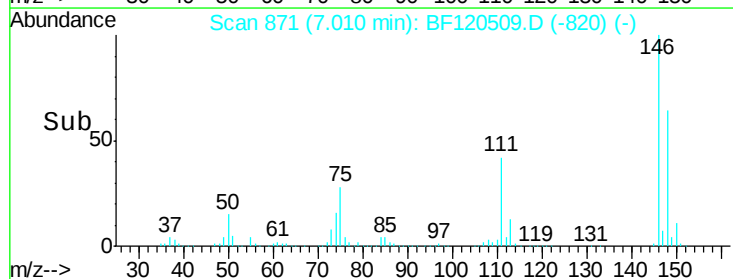
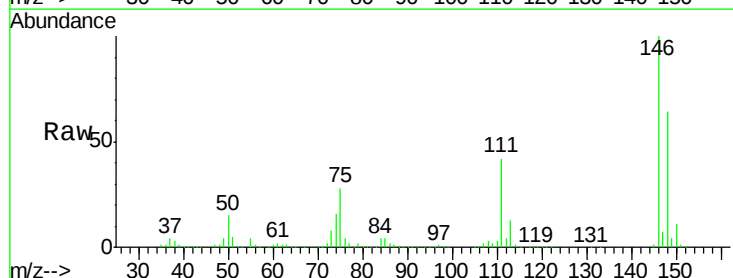
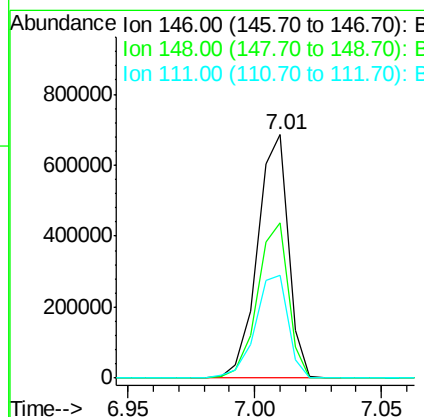
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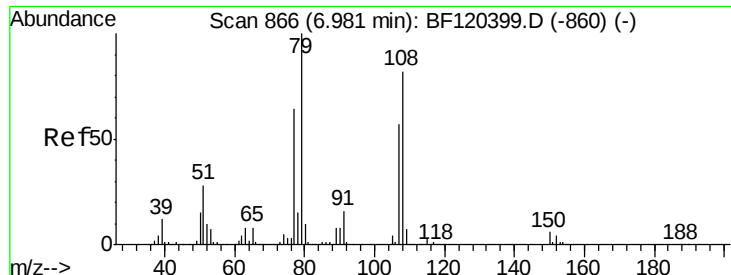
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#14
1,2-Dichlorobenzene
Concen: 41.441 ng
RT: 7.01 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	42.0	34.6	52.0





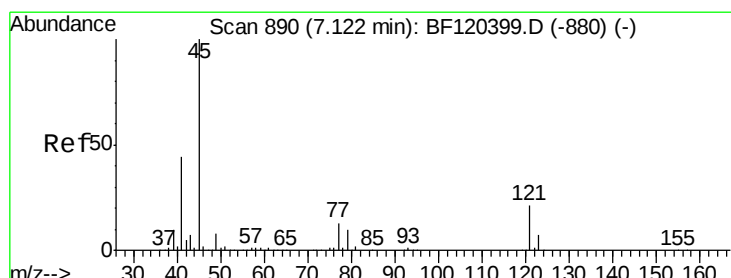
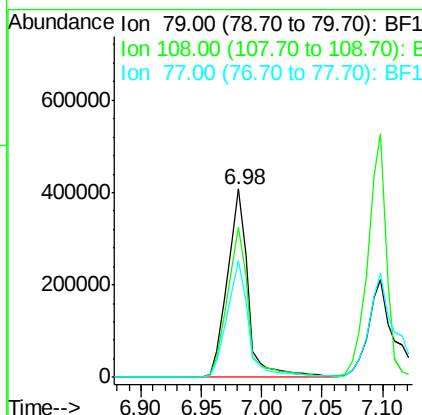
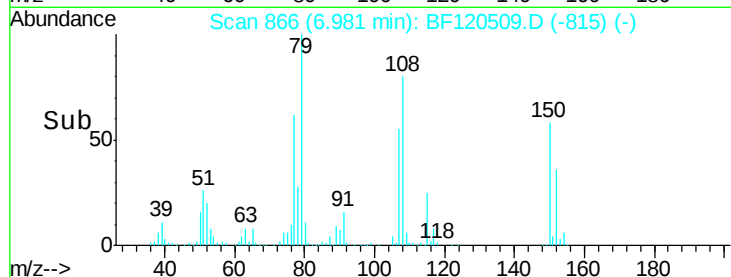
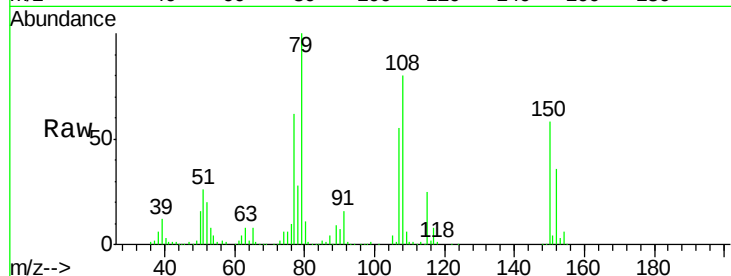
#15
Benzyl Alcohol
Concen: 42.786 ng
RT: 6.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	64.6	96.8
77	62.2	50.2	75.2

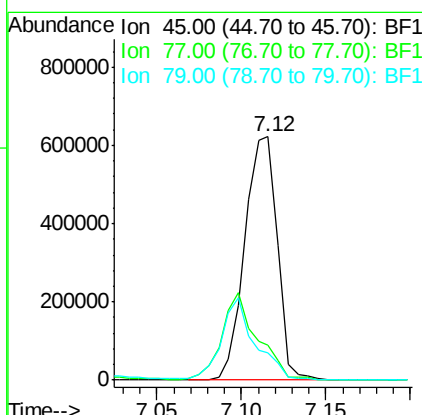
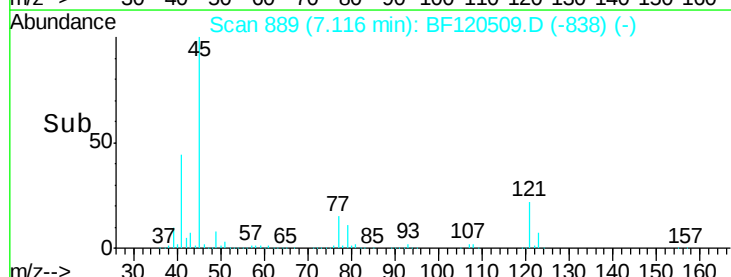
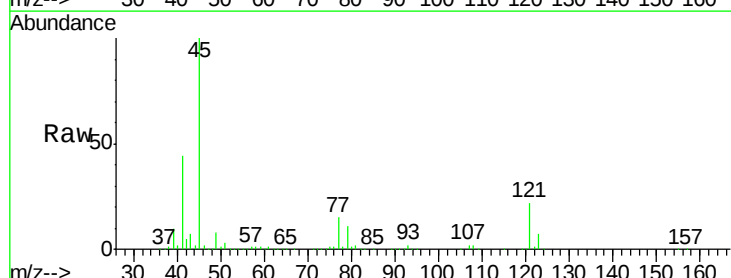
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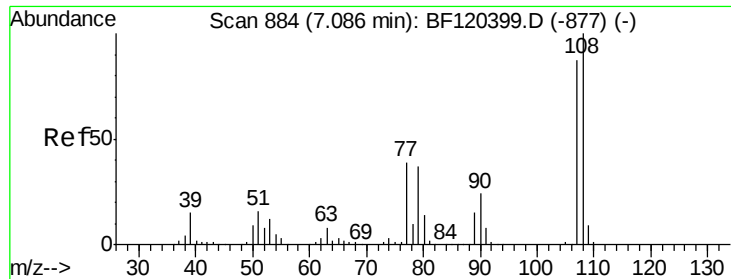
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.021 ng
RT: 7.12 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.3
79	11.3	0.0	31.4





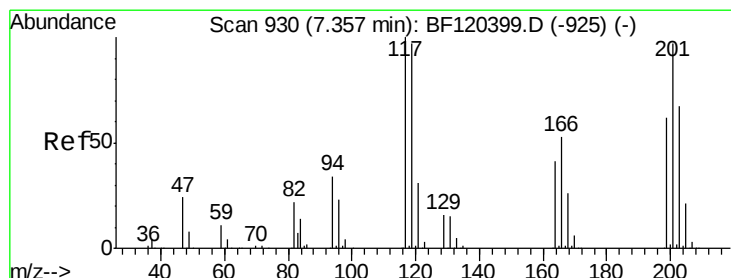
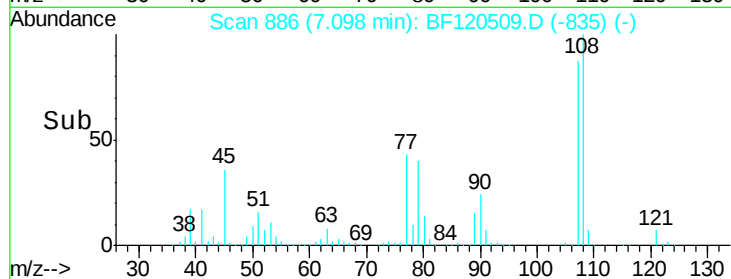
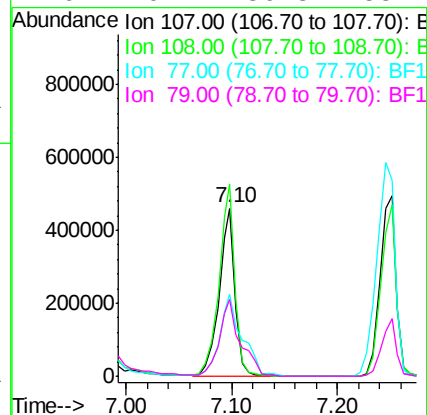
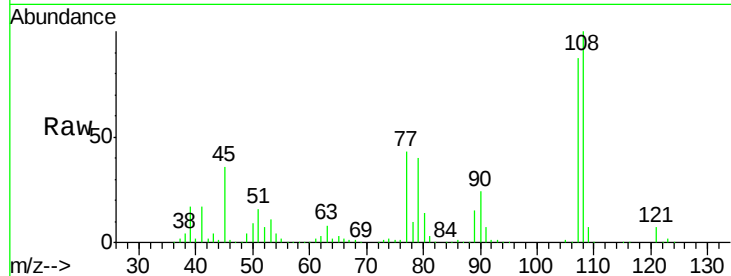
#17
2-Methylphenol
Concen: 39.265 ng
RT: 7.10 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.9	137.9
77	49.0	38.2	57.2
79	46.1	36.8	55.2

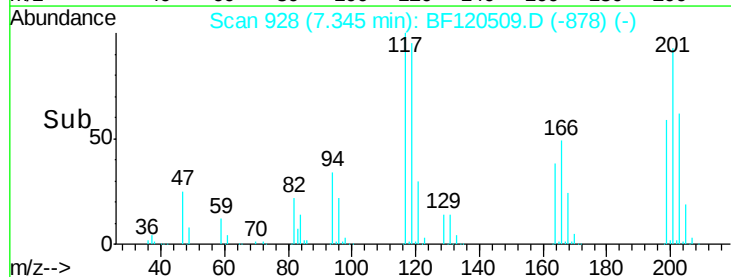
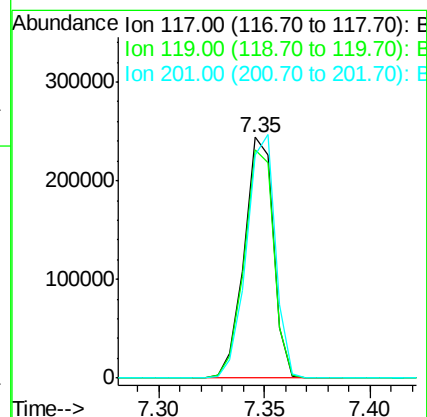
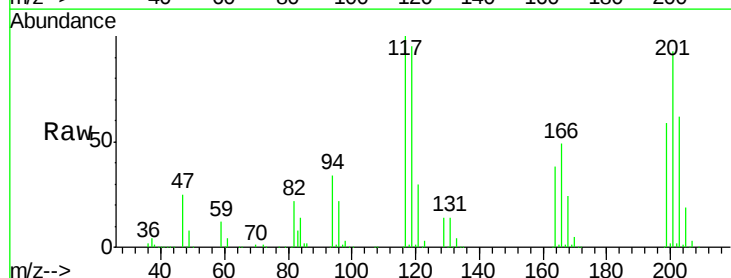
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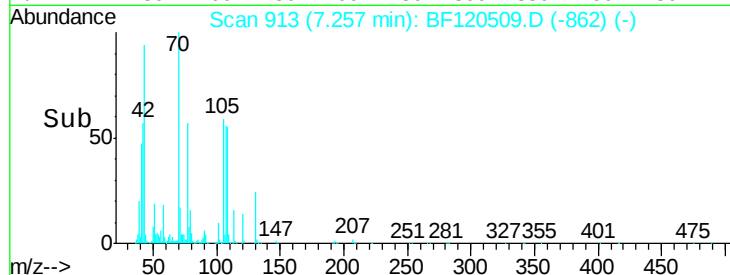
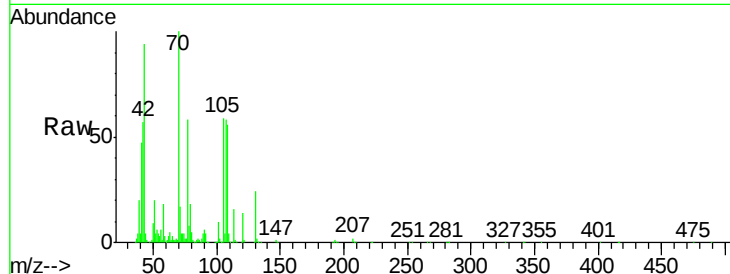
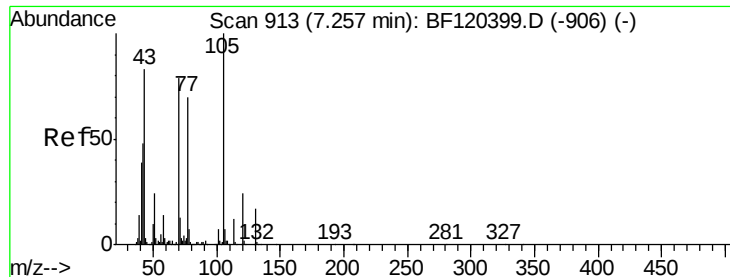
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#18
Hexachloroethane
Concen: 41.534 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.0	117.0
201	92.9	84.8	127.2





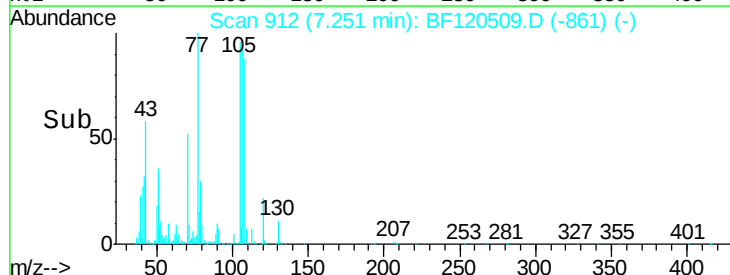
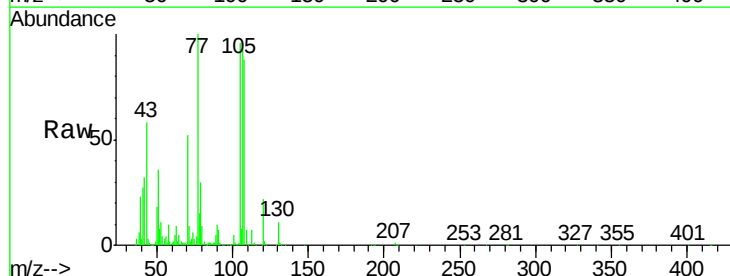
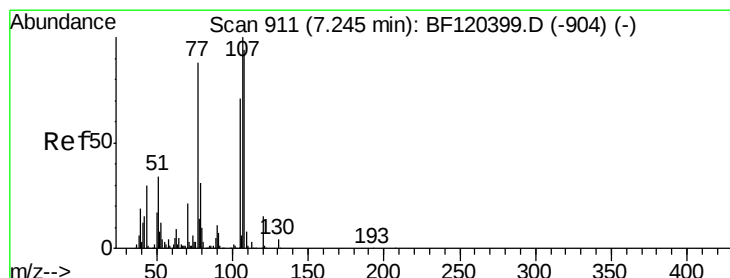
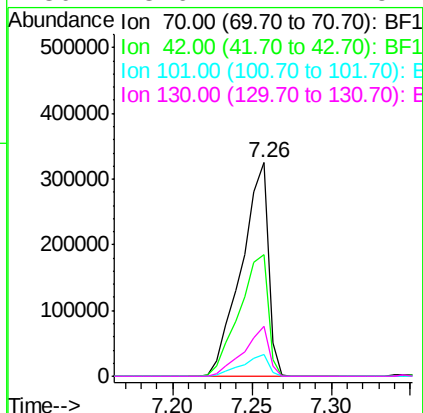
#19
n-Nitroso-di-n-propylamine
Concen: 39.236 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.6	71.4
101	10.0	7.4	11.0
130	23.6	17.1	25.7

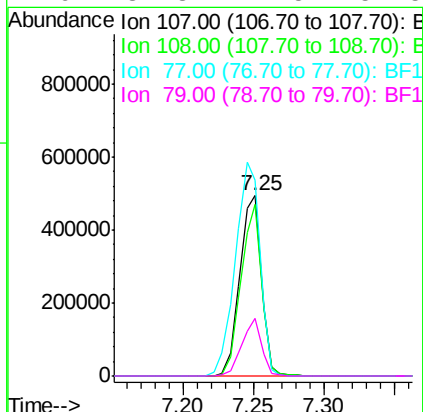
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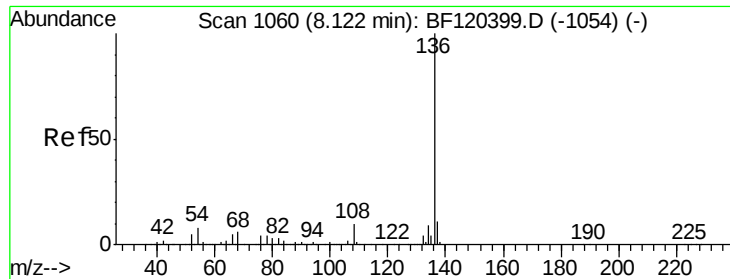
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#20
3+4-Methylphenols
Concen: 33.643 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	74.8	114.8
77	108.9	95.2	135.2
79	32.3	11.5	51.5





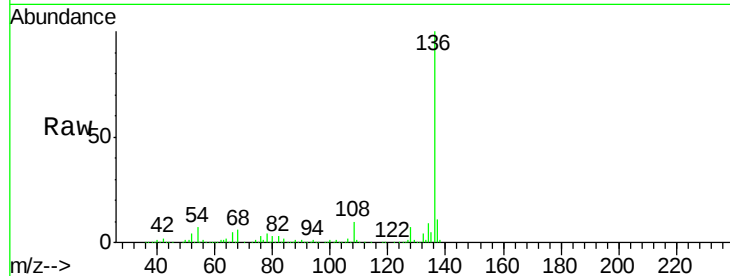
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

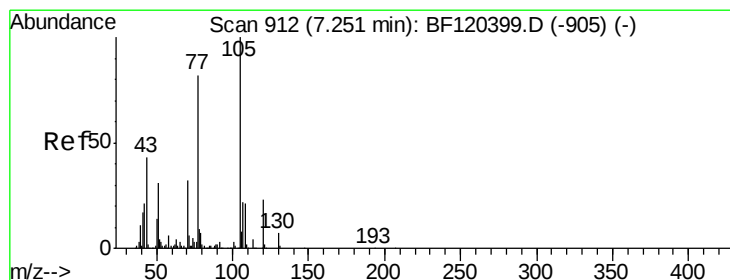
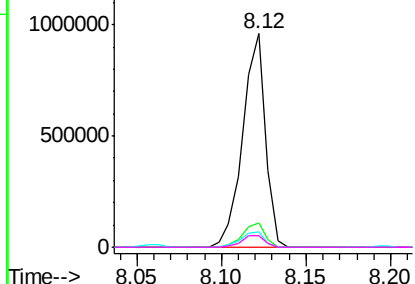
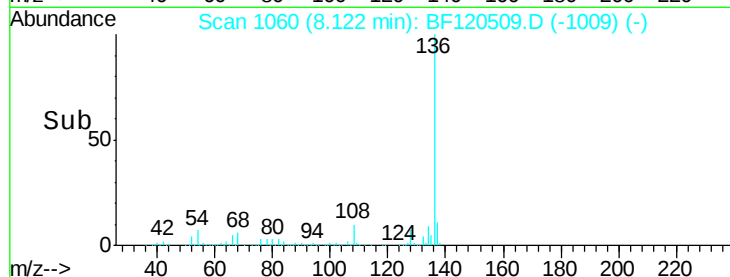
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	7.2	6.0	9.0	
68	5.6	4.8	7.2	

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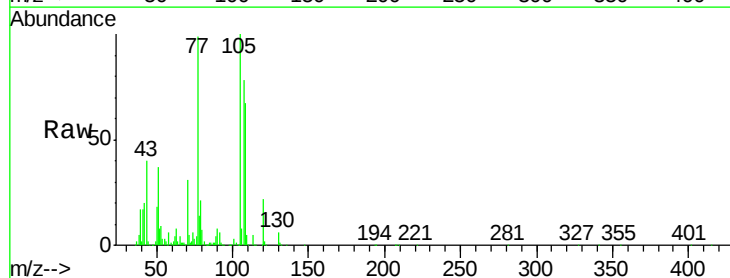


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

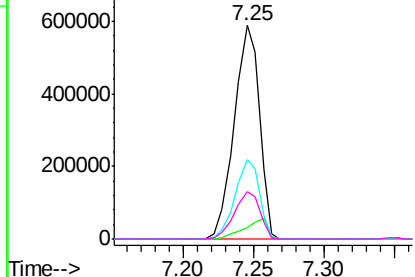
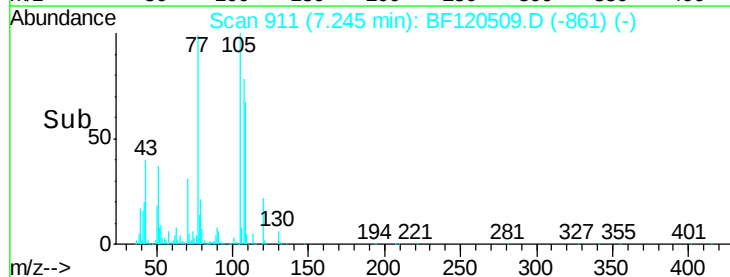


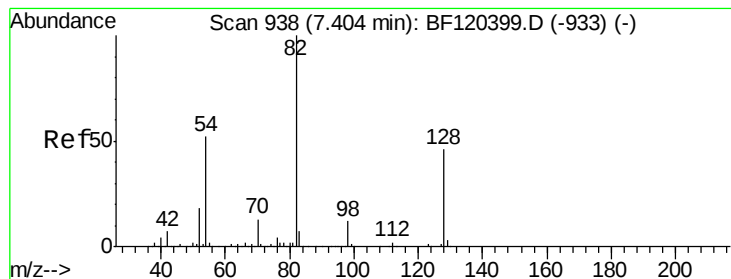
#22
Acetophenone
Concen: 39.852 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	5.3	7.9	
51	37.0	31.4	47.0	
120	22.4	17.7	26.5	



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 62.715 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

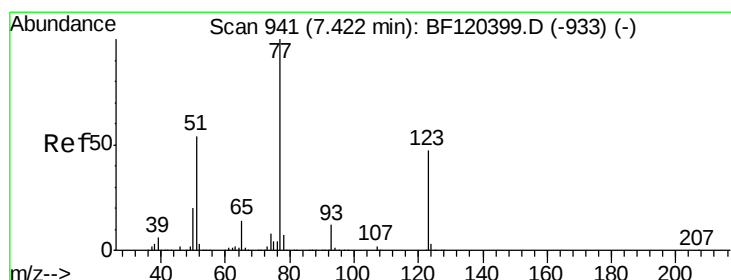
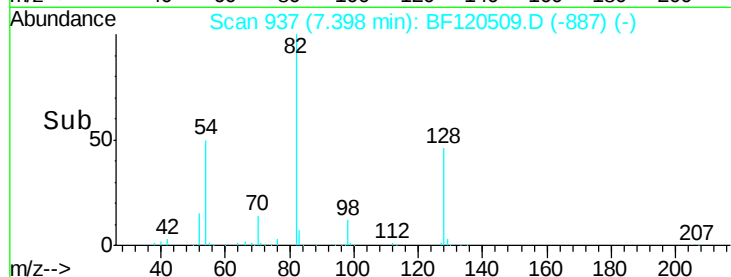
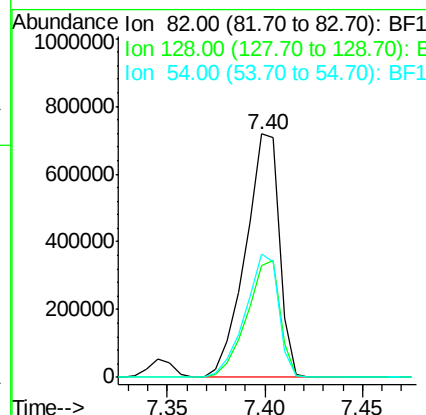
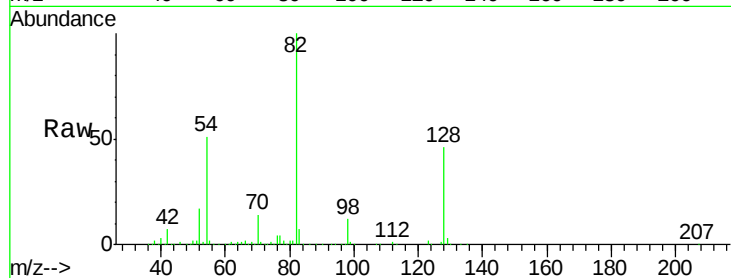
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	82	Resp:	867037
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.4	56.0
54	50.5	40.7	61.1

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#24

Nitrobenzene

Concen: 41.146 ng

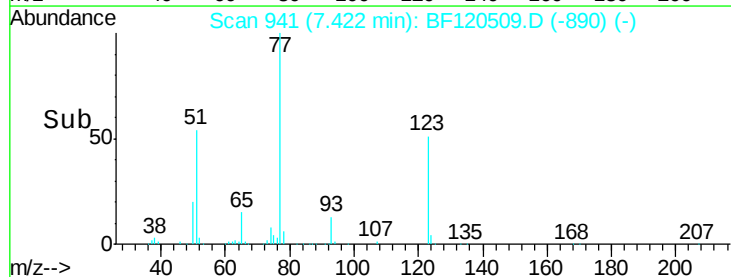
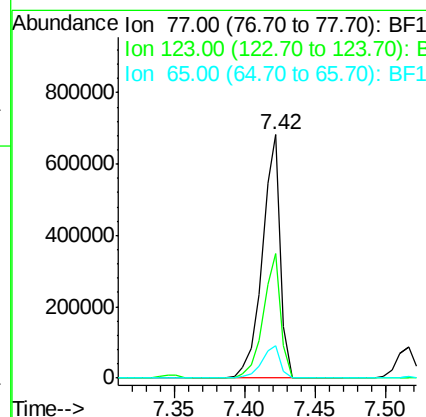
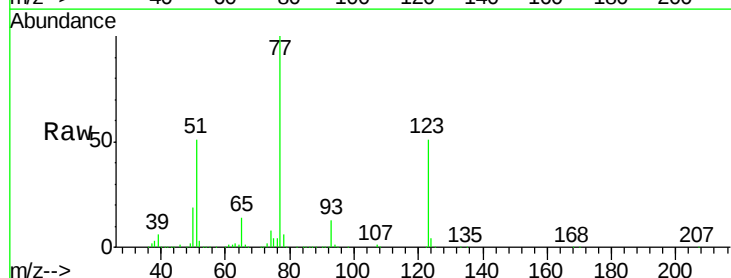
RT: 7.42 min Scan# 941

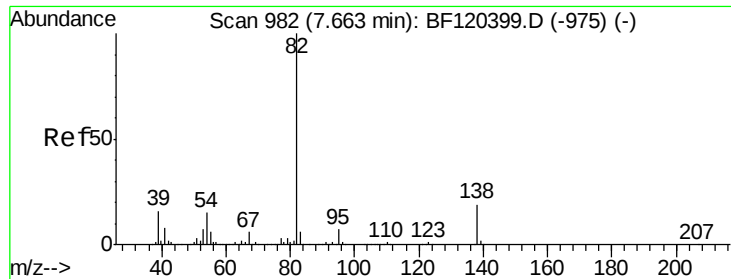
Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	77	Resp:	612766
Ion Ratio	Lower	Upper	
77	100		
123	51.3	39.0	58.6
65	13.5	11.0	16.6





#25

Isophorone

Concen: 40.562 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion: 82 Resp: 1127086

Ion Ratio Lower Upper

82 100

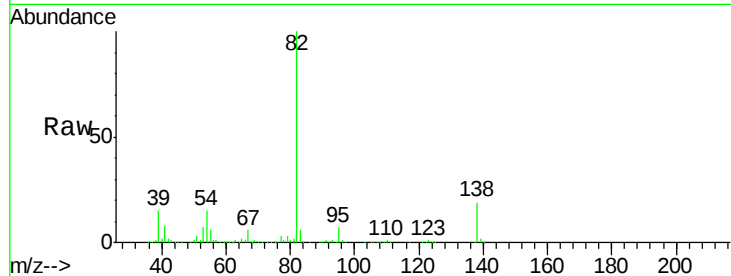
95 7.1 5.5 8.3

138 19.3 15.0 22.6

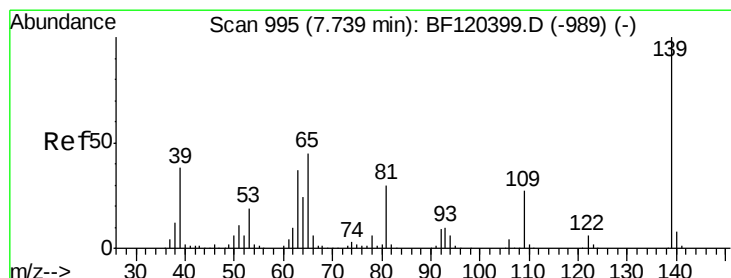
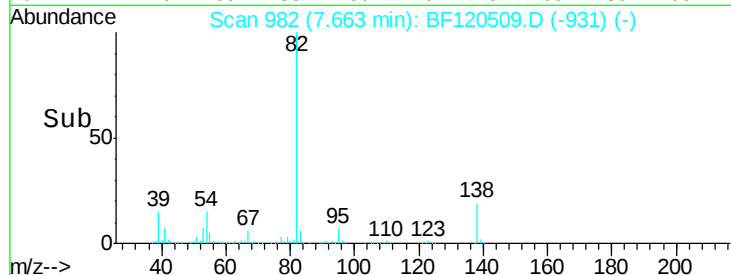
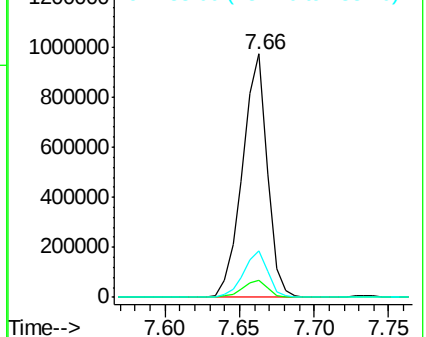
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.856 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

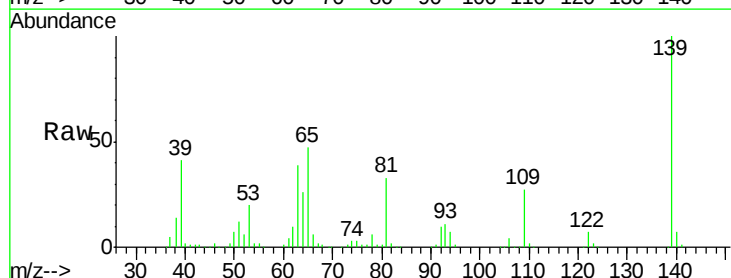
Tgt Ion: 139 Resp: 334758

Ion Ratio Lower Upper

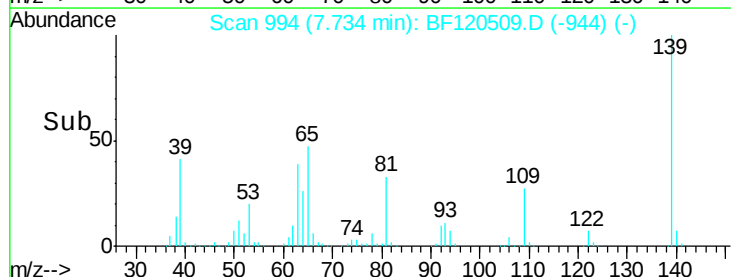
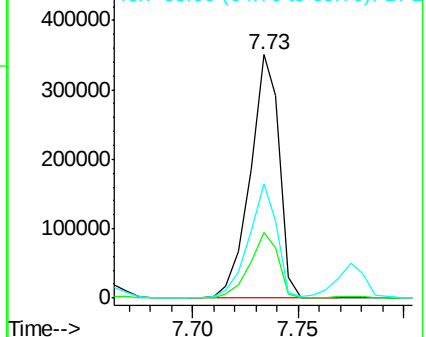
139 100

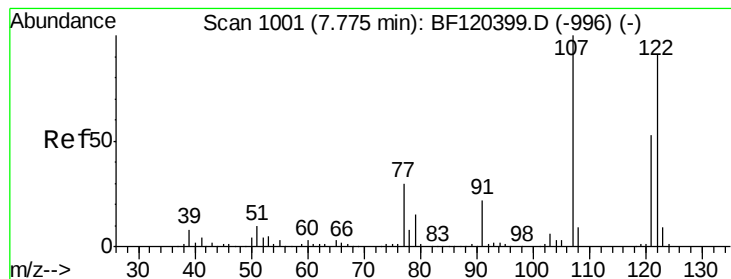
109 27.1 19.7 29.5

65 47.1 32.8 49.2



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





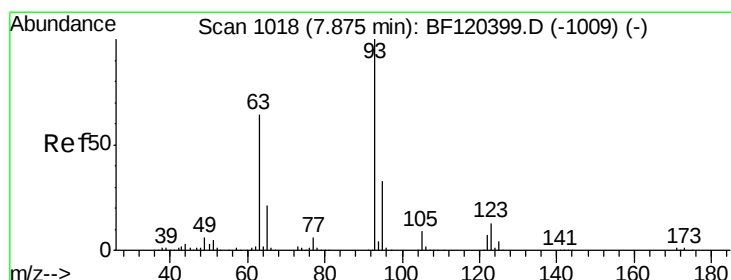
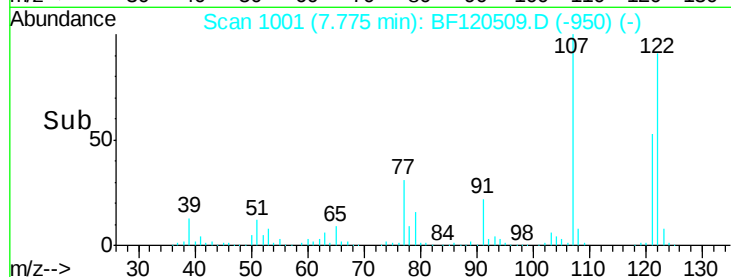
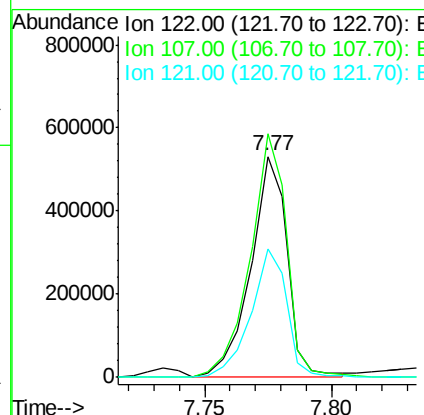
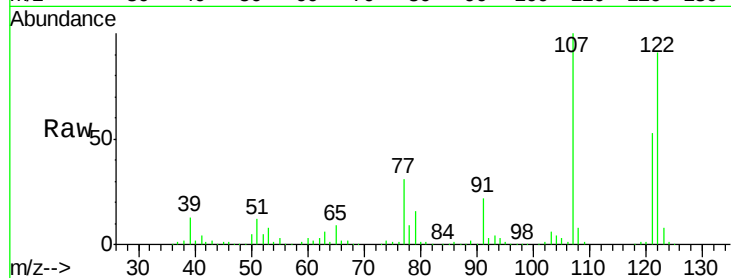
#27
2,4-Dimethylphenol
Concen: 45.715 ng
RT: 7.77 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	533067		
107	110.1	88.4	132.6	
121	58.2	46.1	69.1	

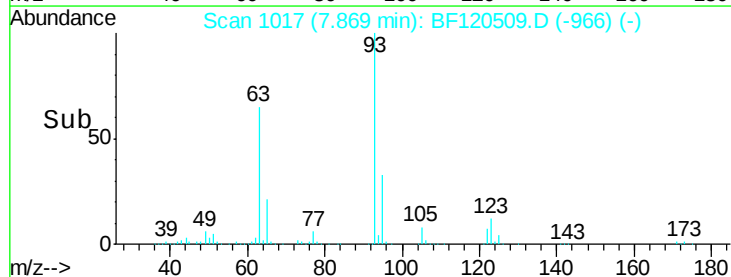
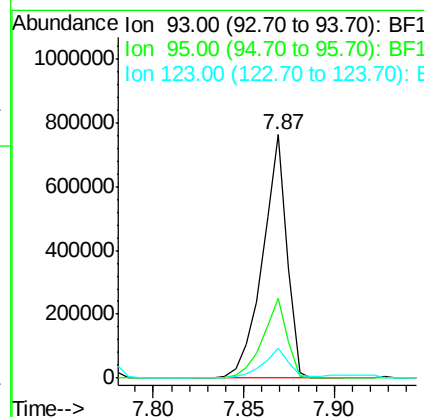
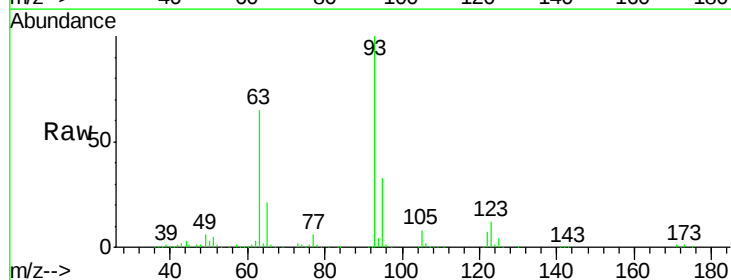
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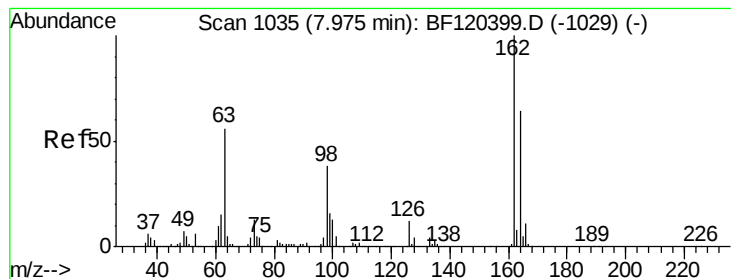
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#28
bis(2-Chloroethoxy)methane
Concen: 42.333 ng
RT: 7.87 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	708371		
95	32.9	26.4	39.6	
123	12.4	9.6	14.4	





#29

2,4-Dichlorophenol

Concen: 41.954 ng

RT: 7.98 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

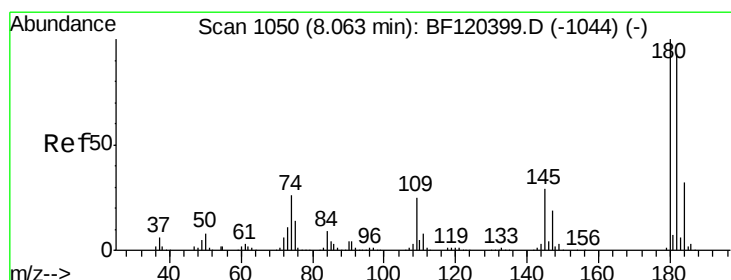
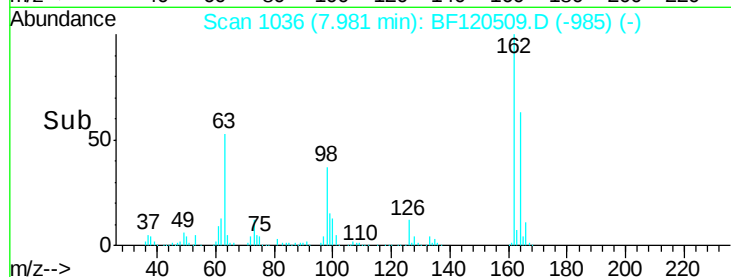
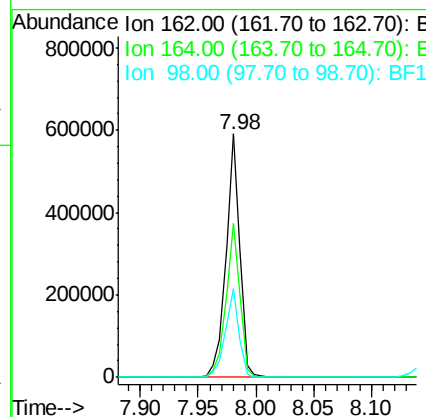
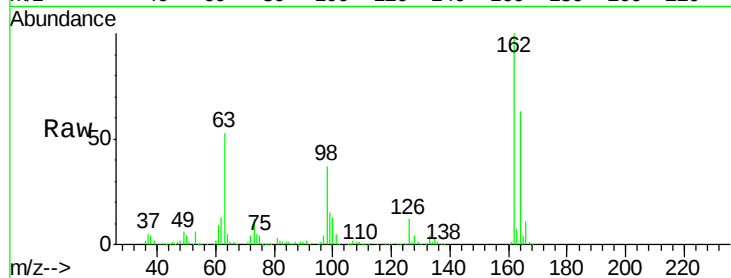
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	162	Resp:	494133
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.4	84.4
98	36.7	16.5	56.5

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#30

1,2,4-Trichlorobenzene

Concen: 41.235 ng

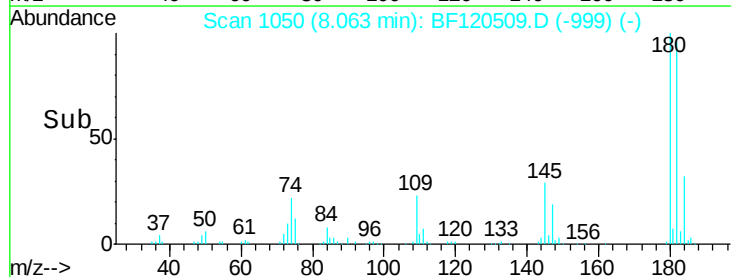
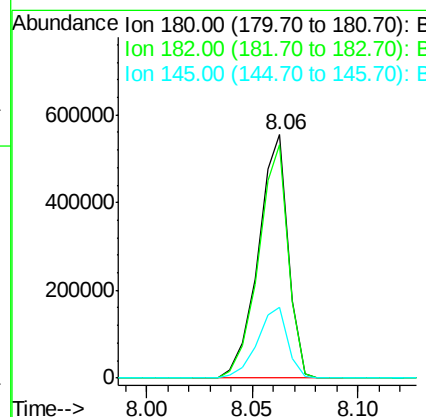
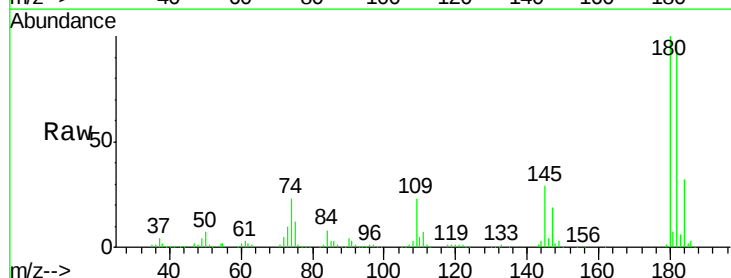
RT: 8.06 min Scan# 1050

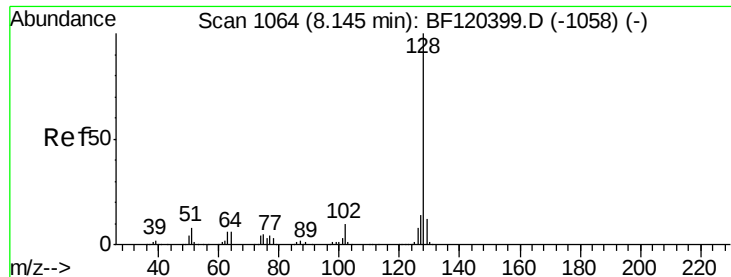
Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	180	Resp:	545022
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.7	113.5
145	29.3	23.5	35.3





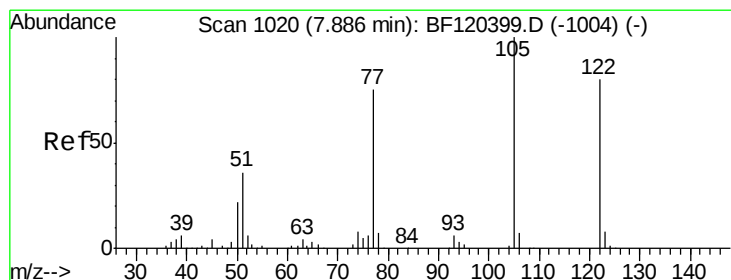
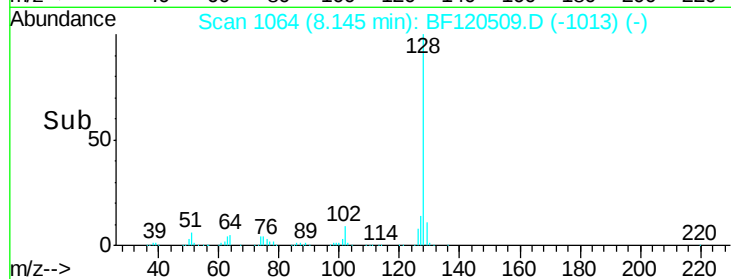
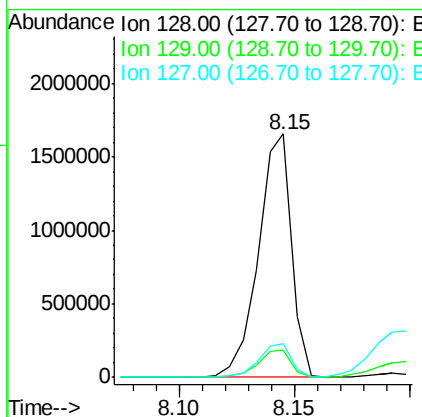
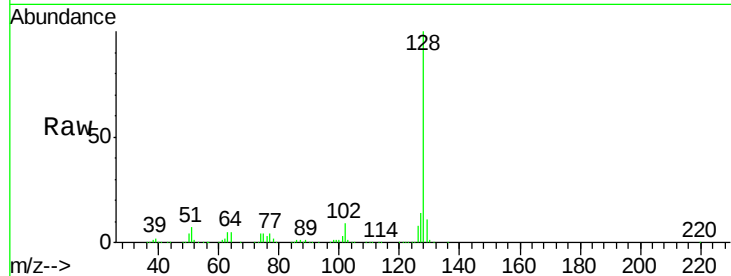
#31
Naphthalene
Concen: 41.605 ng
RT: 8.15 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.9	11.0	16.6

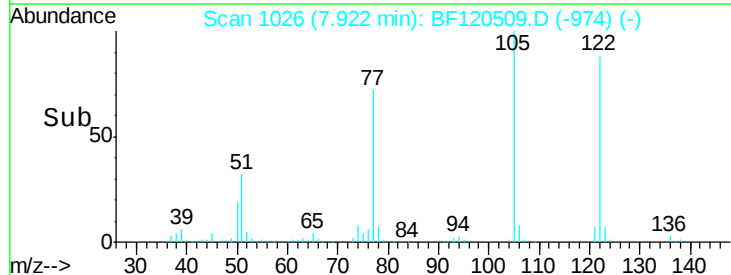
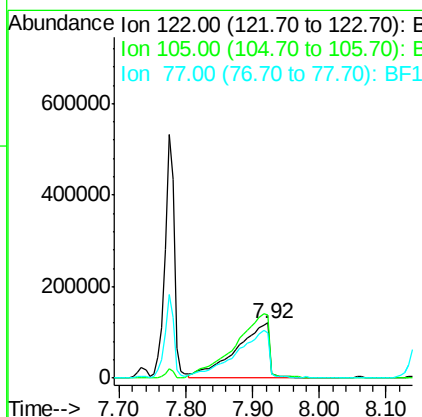
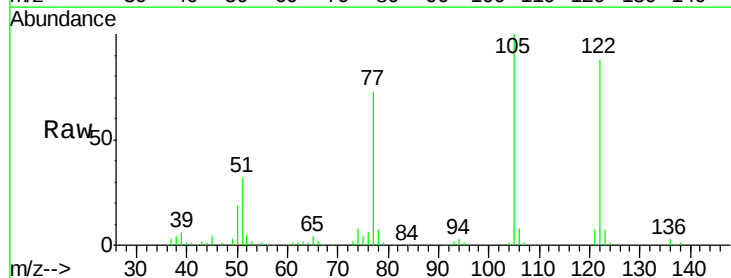
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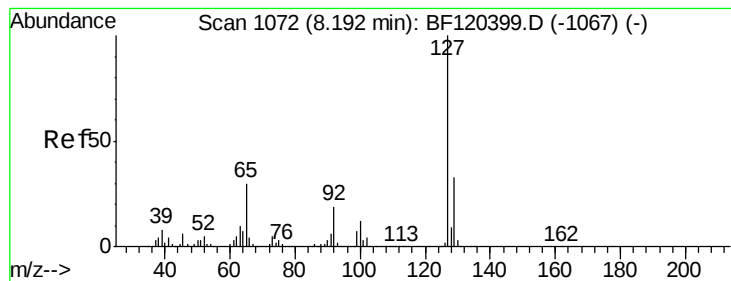
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#32
Benzoic acid
Concen: 47.951 ng
RT: 7.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.9	100.7	140.7
77	82.6	68.3	108.3





#33

4-Chloroaniline

Concen: 30.230 ng

RT: 8.20 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

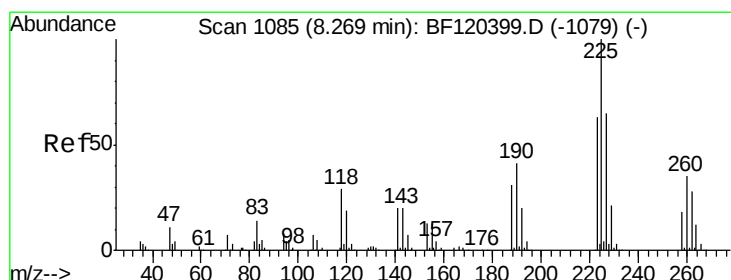
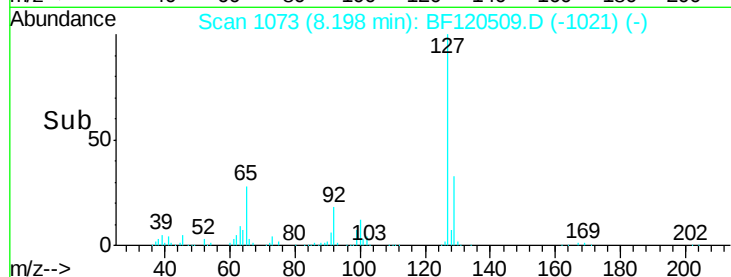
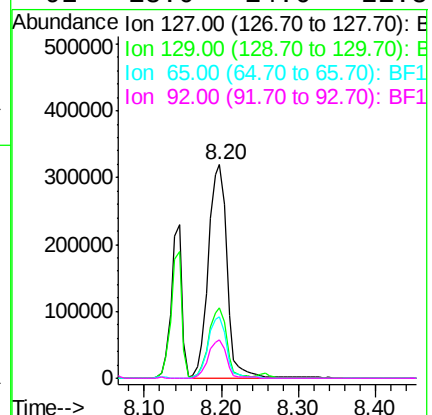
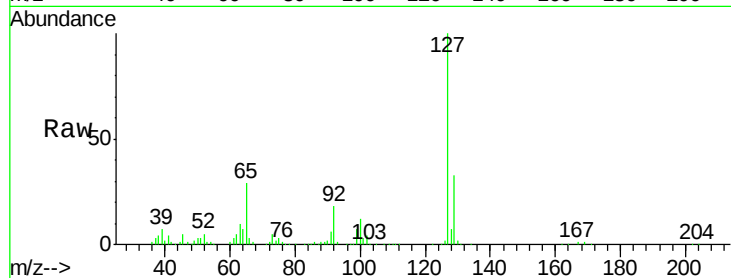
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.8	38.8	
65	29.0	22.7	34.1	
92	18.0	14.6	21.8	

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#34

Hexachlorobutadiene

Concen: 41.109 ng

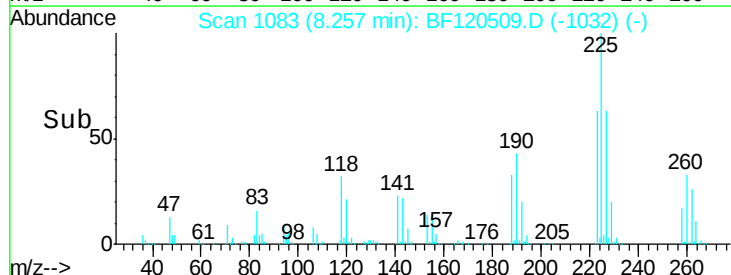
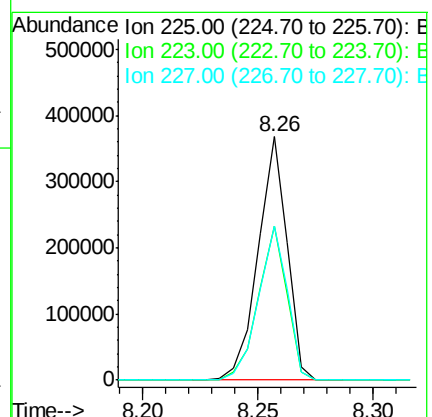
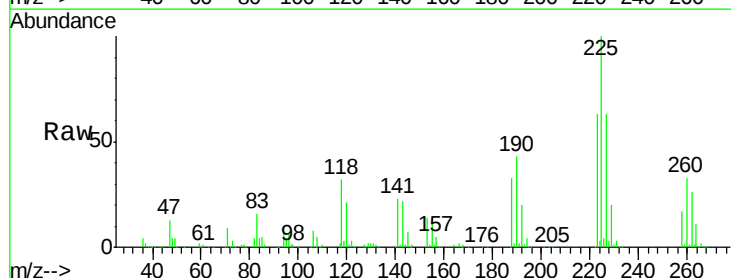
RT: 8.26 min Scan# 1083

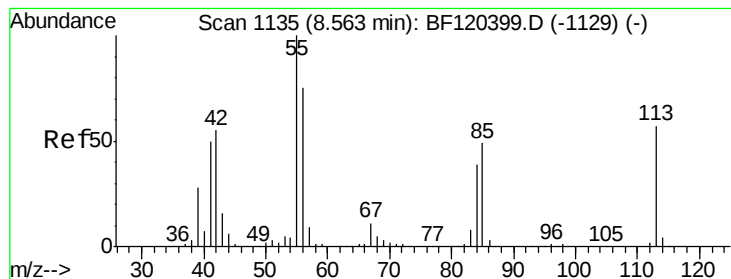
Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.5	77.3	
227	63.1	51.9	77.9	





#35

Caprolactam

Concen: 42.775 ng/mL

RT: 8.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

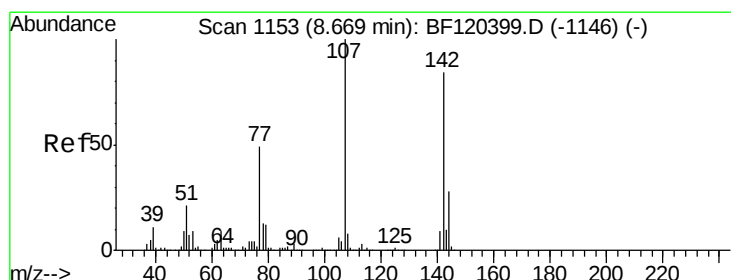
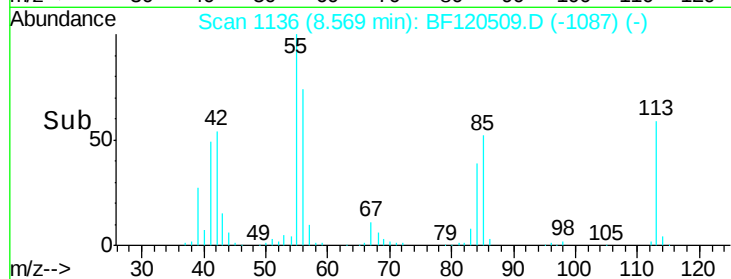
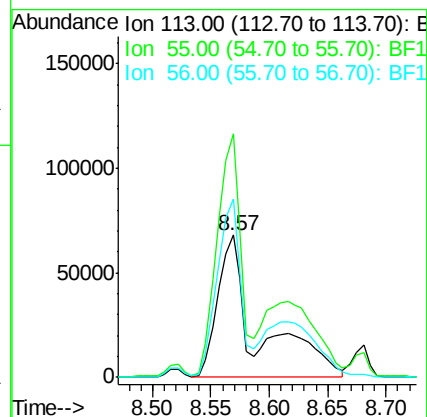
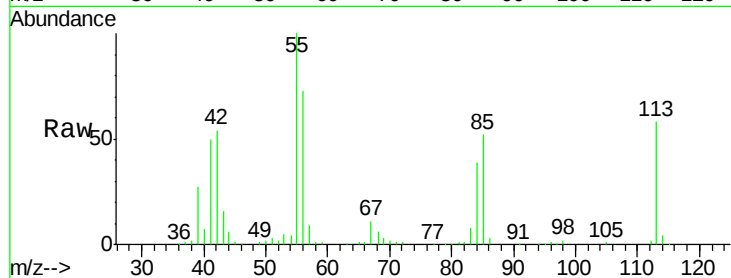
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	113	Resp:	163158
Ion Ratio	Lower	Upper	
113	100		
55	171.2	132.3	172.3
56	125.7	92.2	132.2

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#36

4-Chloro-3-methylphenol

Concen: 42.129 ng/mL

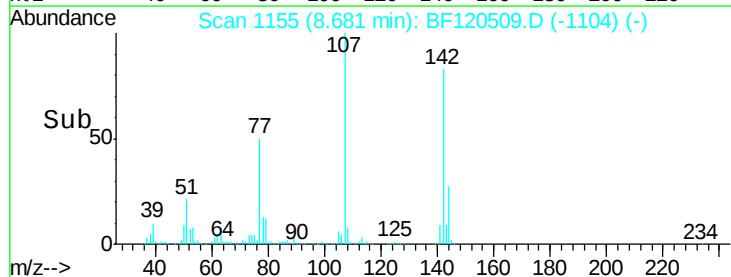
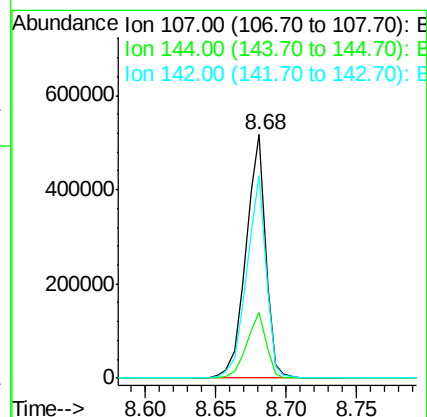
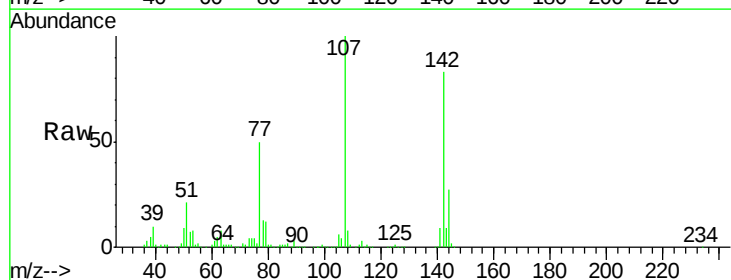
RT: 8.68 min Scan# 1155

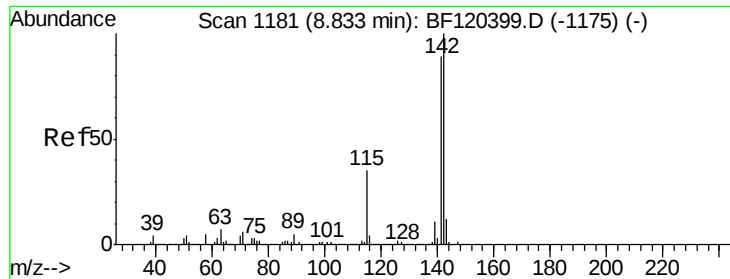
Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	107	Resp:	503409
Ion Ratio	Lower	Upper	
107	100		
144	26.9	22.5	33.7
142	83.1	69.2	103.8





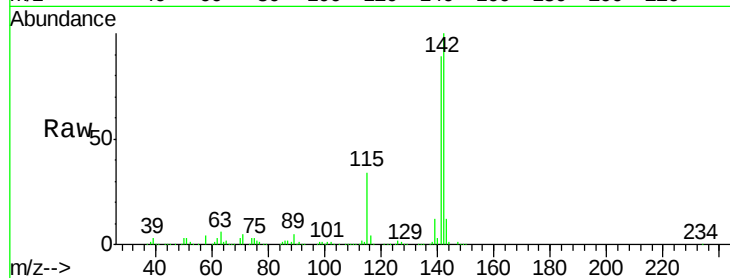
#37
2-Methylnaphthalene
Concen: 41.995 ng
RT: 8.83 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

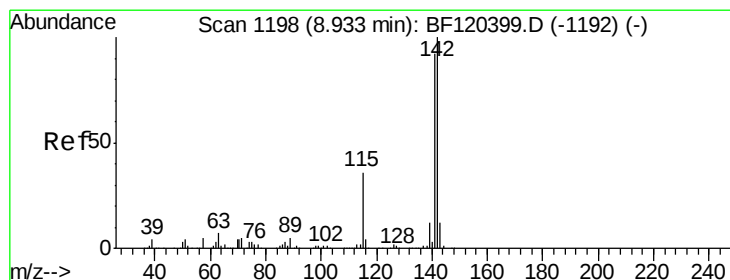
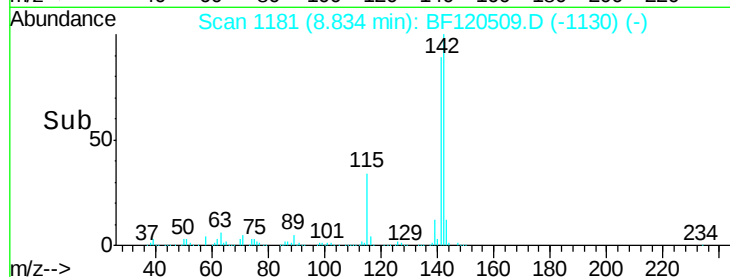
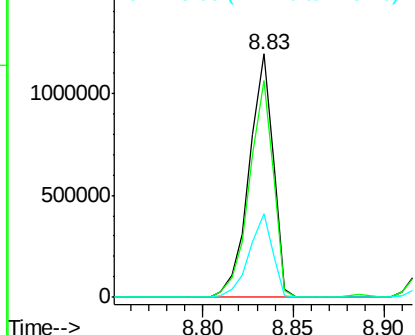
Tot Ion:142 Resp: 1104758
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0
115 34.4 27.5 41.3

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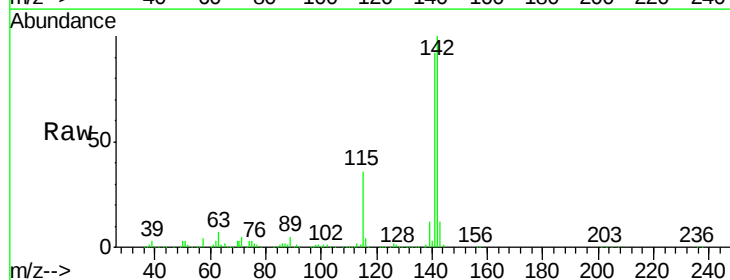


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

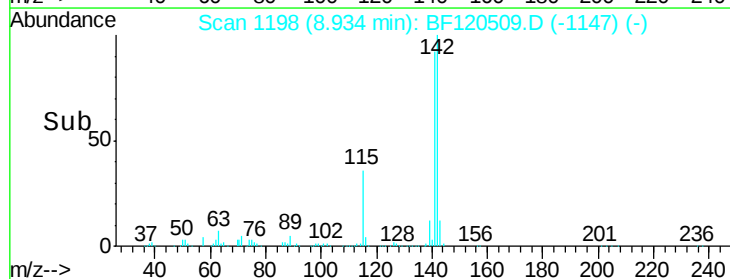
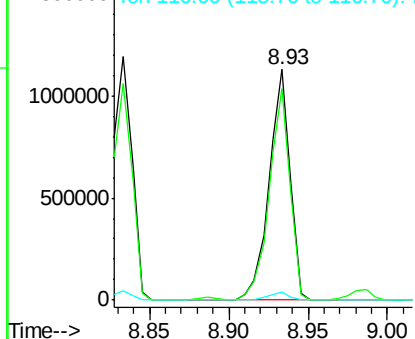


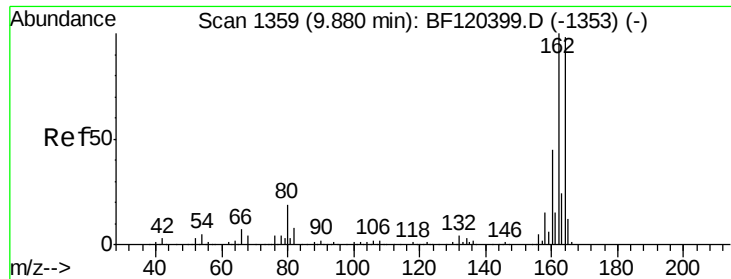
#38
1-Methylnaphthalene
Concen: 42.121 ng
RT: 8.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion:142 Resp: 1045935
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3
116 3.7 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





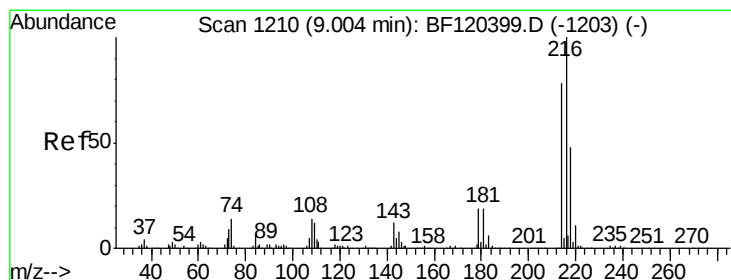
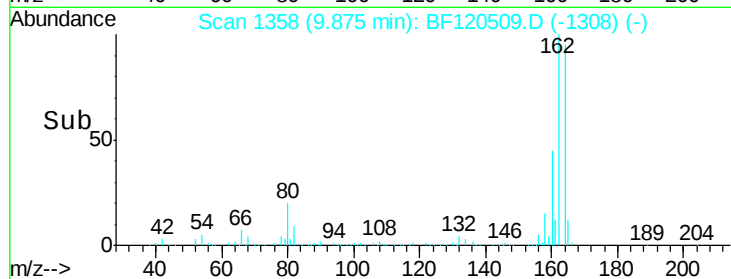
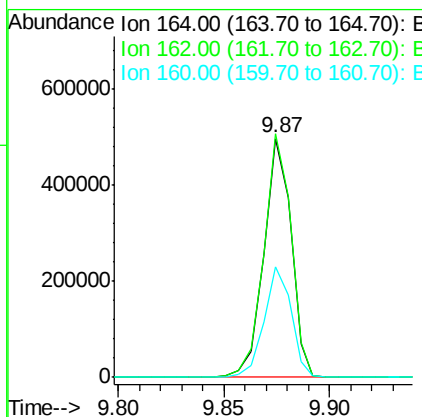
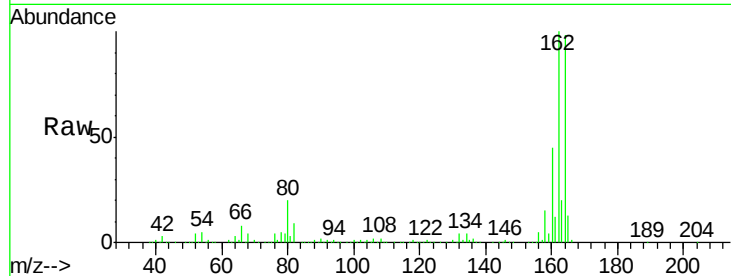
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	46.2	37.3	55.9

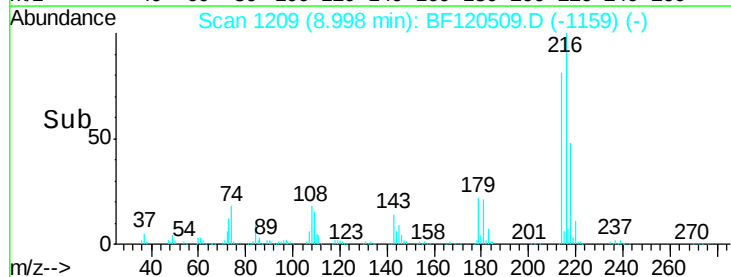
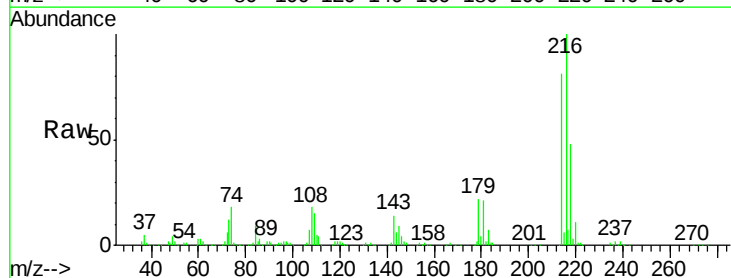
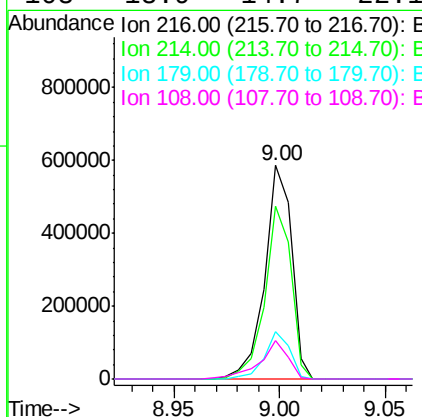
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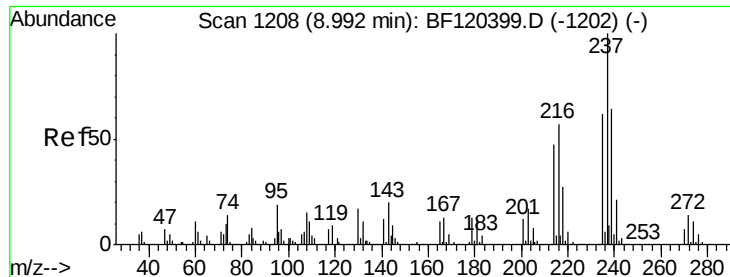
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.085 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	93.8
179	20.8	16.4	24.6
108	18.9	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 66.768 ng

RT: 8.99 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

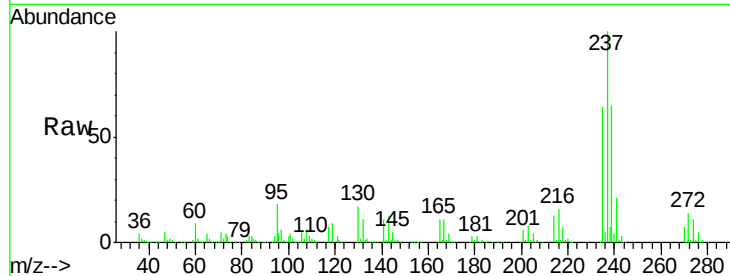
ClientSampleId :

NM34-COMP-2020-0-6MSD

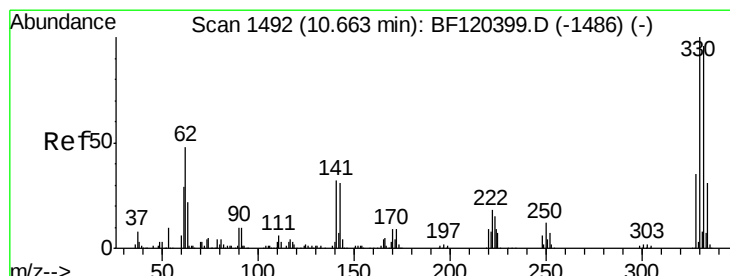
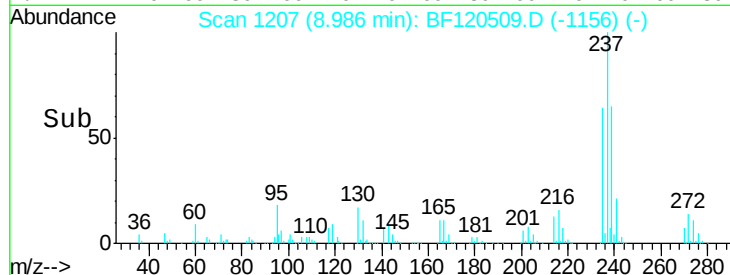
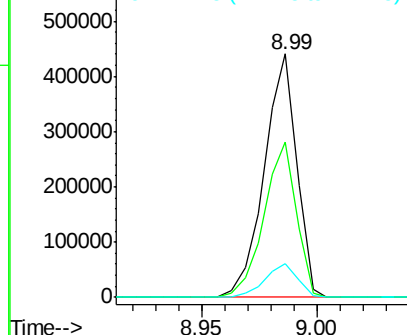
Tot Ion:	237	Resp:	429899
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.1	84.1
272	14.0	0.0	33.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.964 ng

RT: 10.67 min Scan# 1493

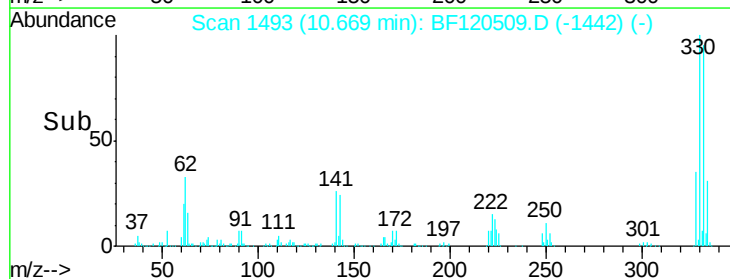
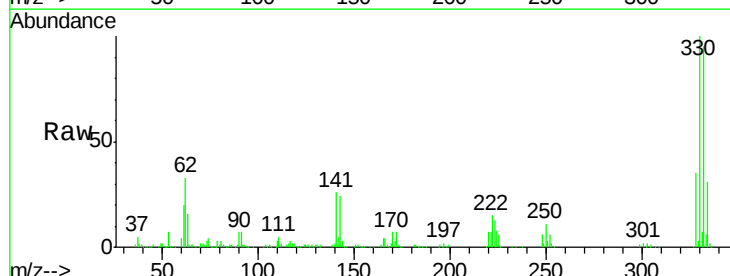
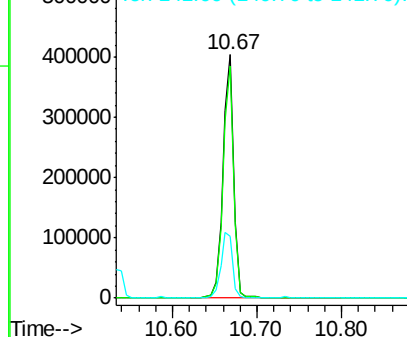
Delta R.T. 0.00 min

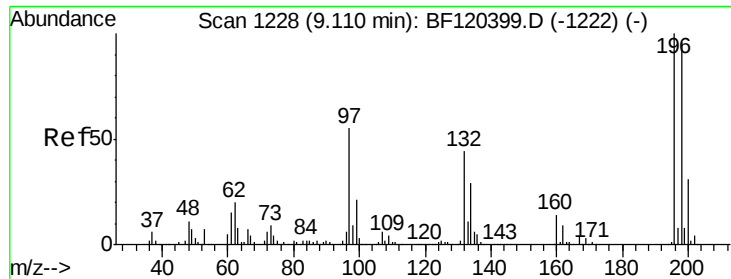
Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	330	Resp:	362490
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.4	116.2
141	29.9	23.5	35.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





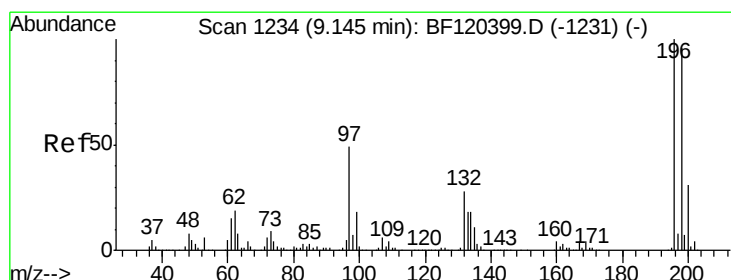
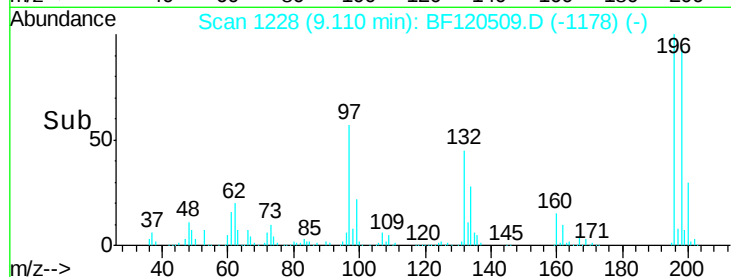
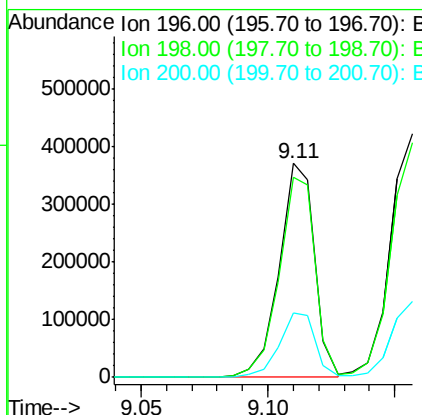
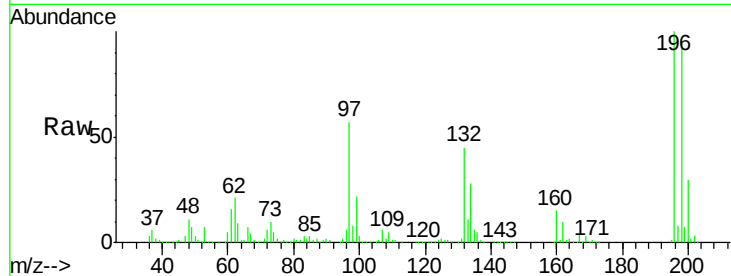
#43
 2,4,6-Trichlorophenol
 Concen: 43.408 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	362178		
198	93.9	76.6	115.0	
200	30.1	24.9	37.3	

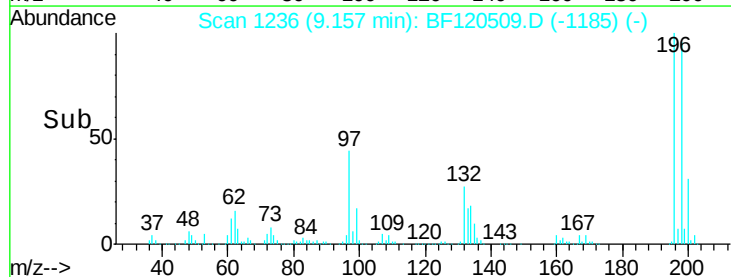
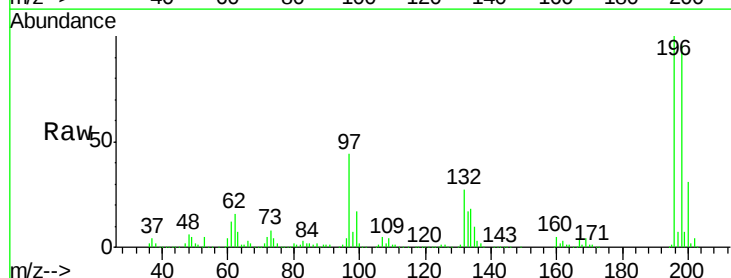
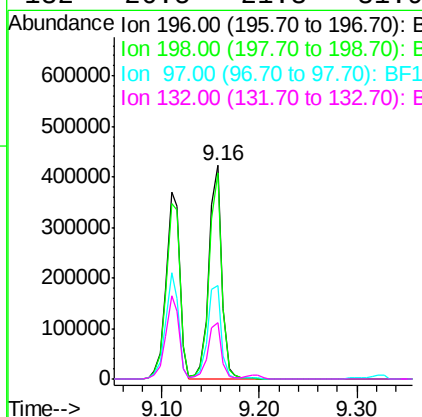
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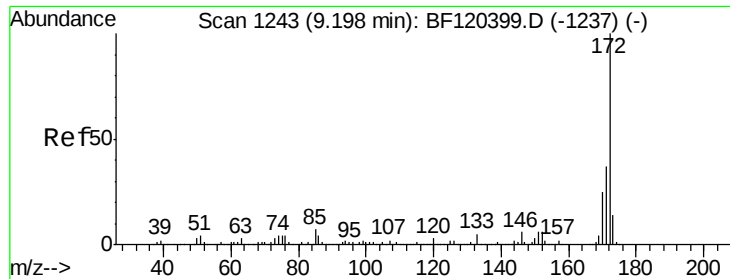
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#44
 2,4,5-Trichlorophenol
 Concen: 41.003 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	387808		
198	96.4	76.7	115.1	
97	43.8	36.3	54.5	
132	26.5	21.3	31.9	





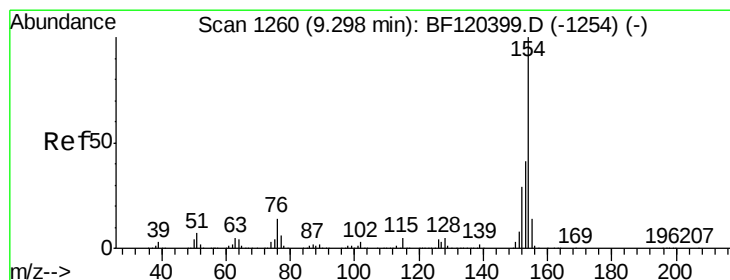
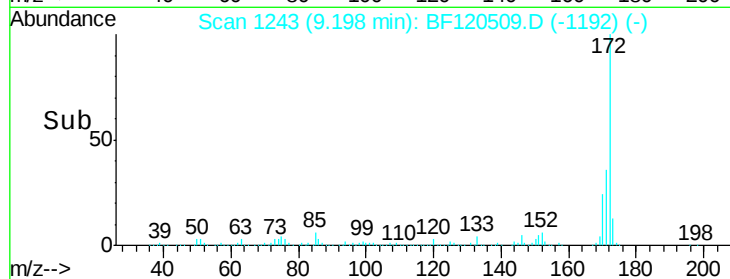
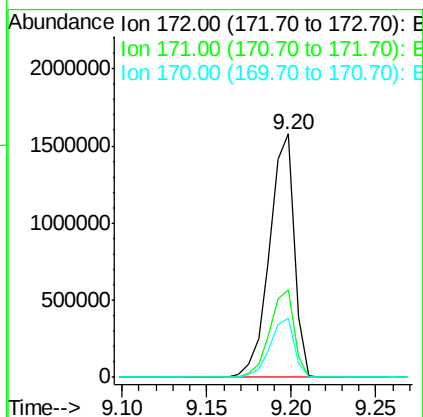
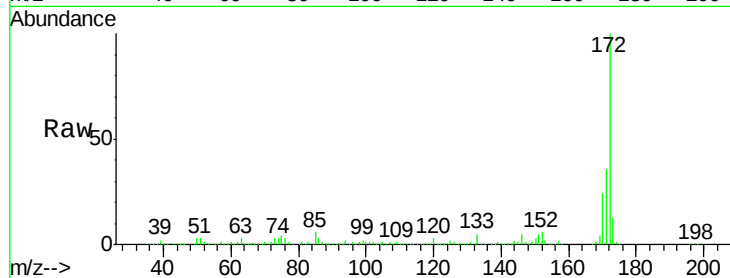
#45
2-Fluorobiphenyl
Concen: 59.681 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.4	20.1	30.1

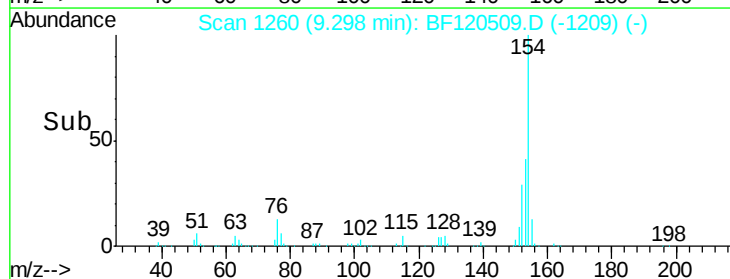
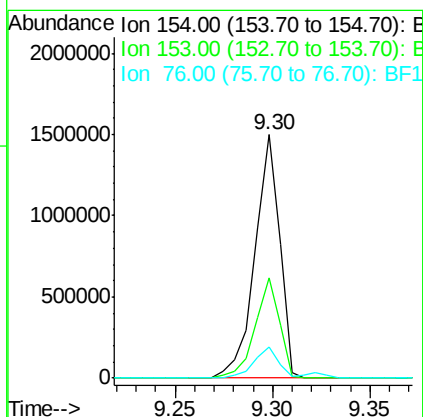
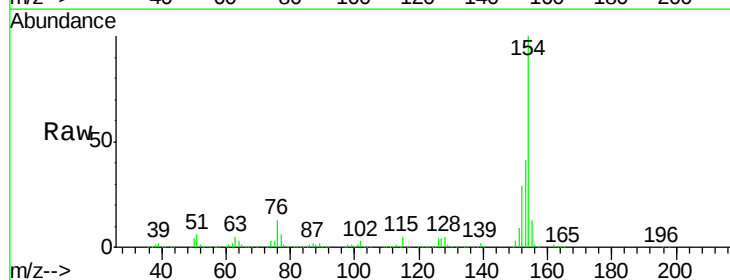
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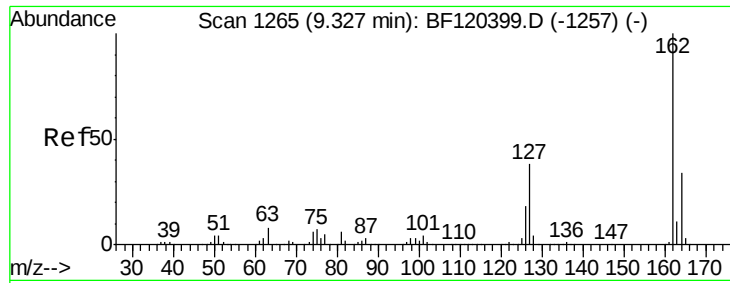
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#46
1,1'-Biphenyl
Concen: 44.627 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.5	61.5
76	12.7	0.0	33.0





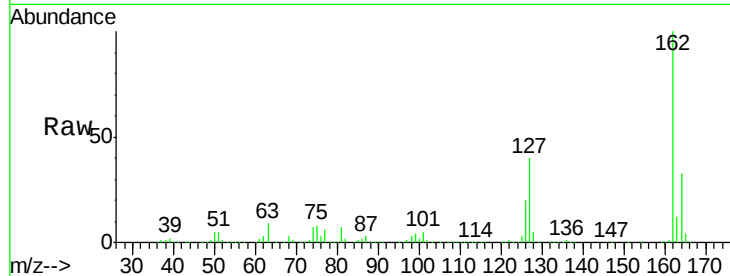
#47
 2-Chloronaphthalene
 Concen: 41.996 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

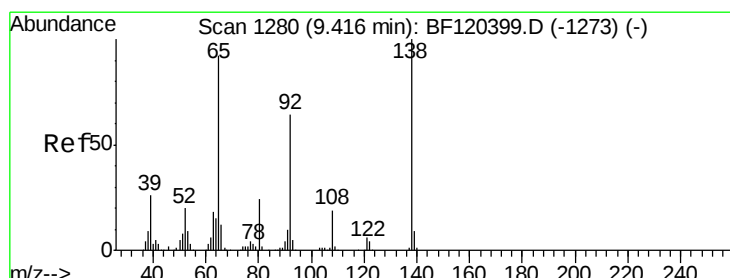
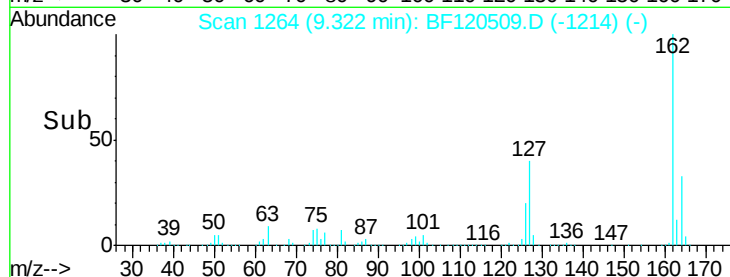
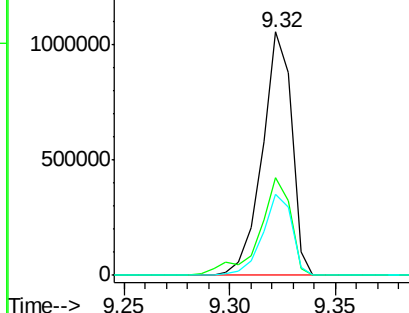
Tot Ion: 162 Resp: 1021977
 Ion Ratio Lower Upper
 162 100
 127 40.2 31.4 47.2
 164 33.1 27.2 40.8

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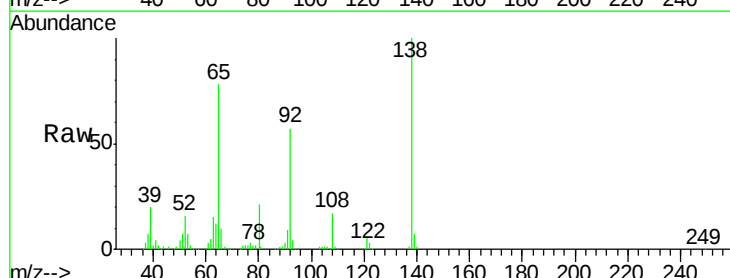


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

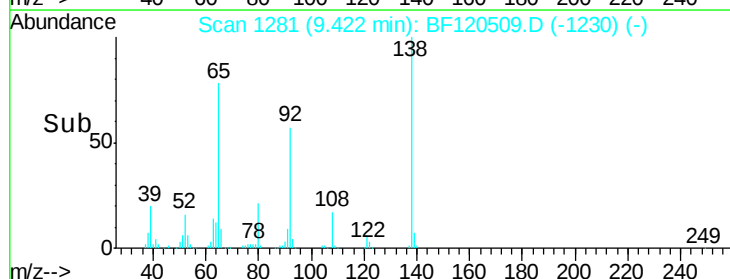
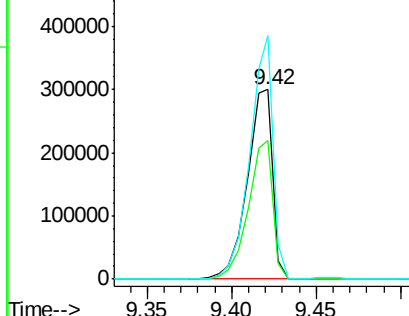


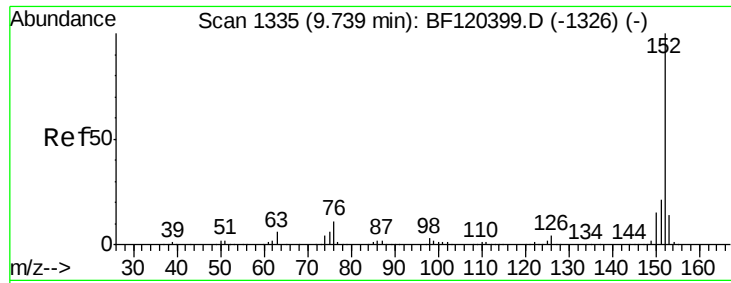
#48
 2-Nitroaniline
 Concen: 42.555 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion: 65 Resp: 315423
 Ion Ratio Lower Upper
 65 100
 92 73.5 58.5 87.7
 138 128.5 97.2 145.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.617 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:152 Resp: 1602636

Ion Ratio Lower Upper

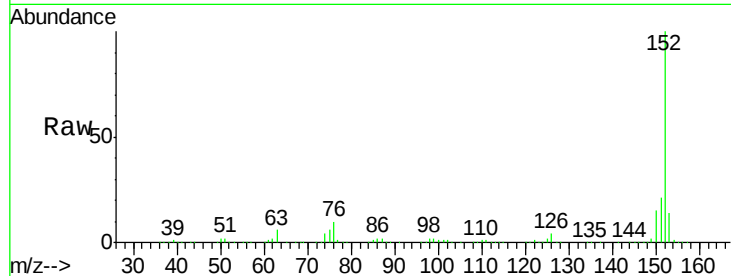
152 100

151 20.9 16.5 24.7

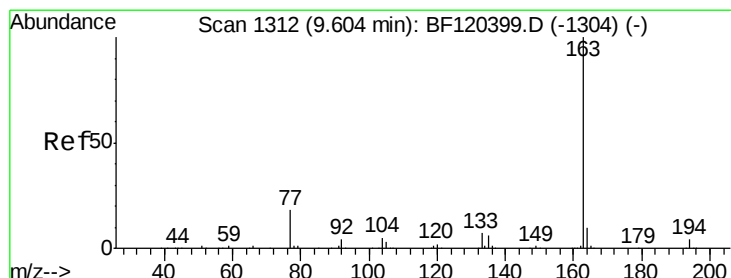
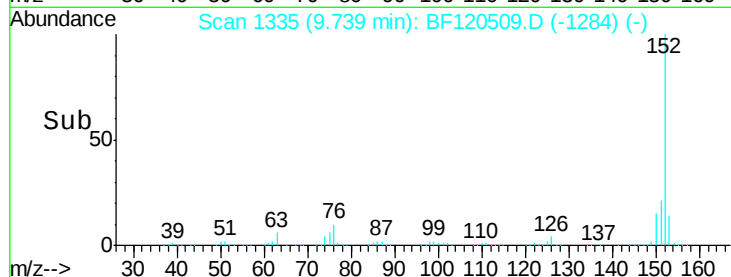
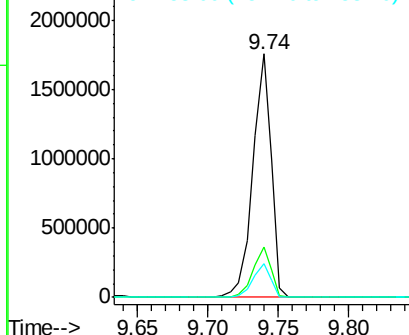
153 13.8 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.574 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

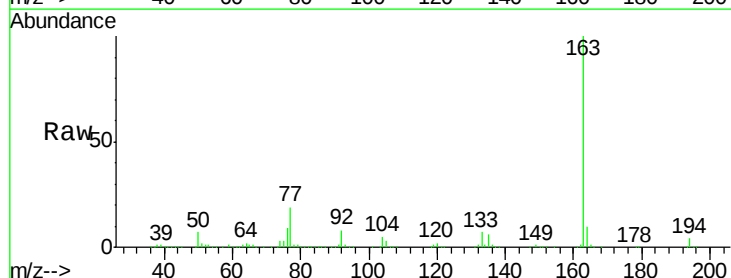
Tgt Ion:163 Resp: 1366130

Ion Ratio Lower Upper

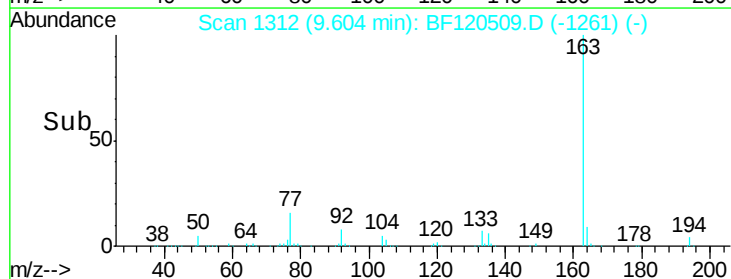
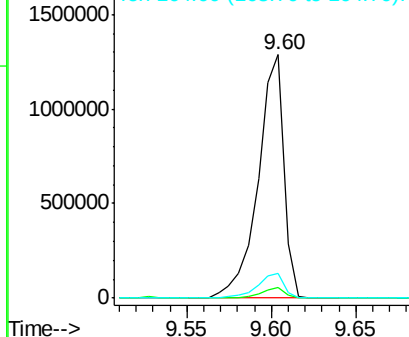
163 100

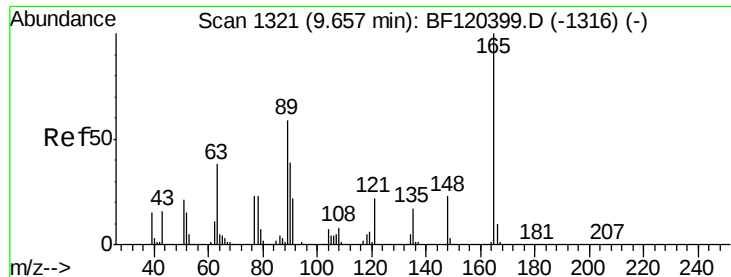
194 4.2 3.1 4.7

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.707 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

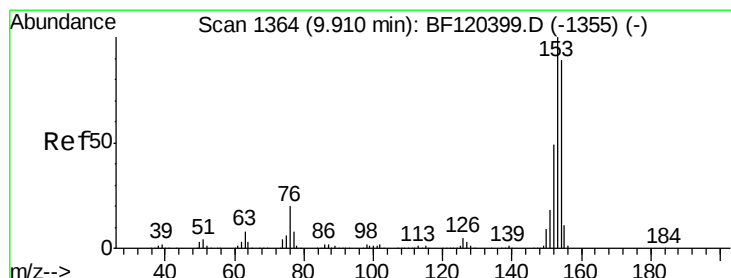
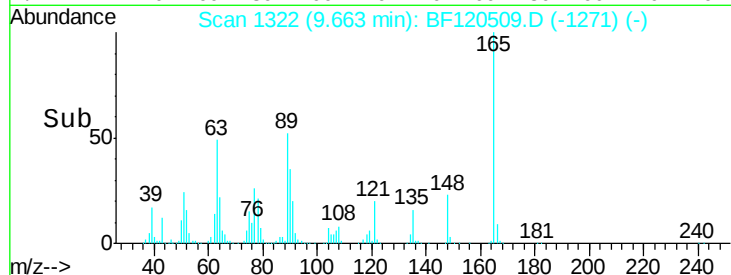
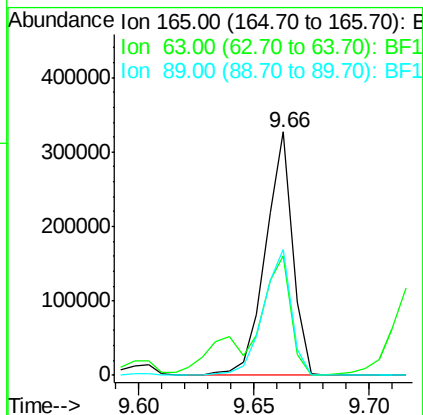
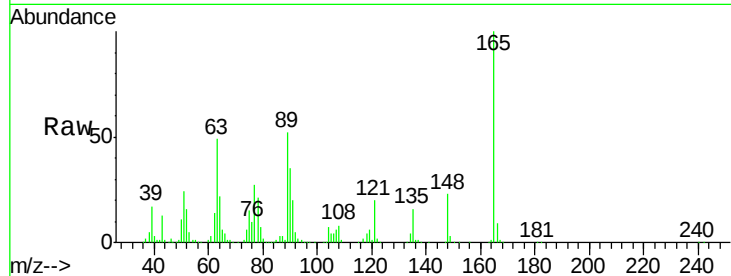
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	165	Resp:	266929
Ion Ratio	Lower	Upper	
165	100		
63	48.8	43.0	64.6
89	51.6	43.8	65.6

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#52

Acenaphthene

Concen: 44.798 ng m

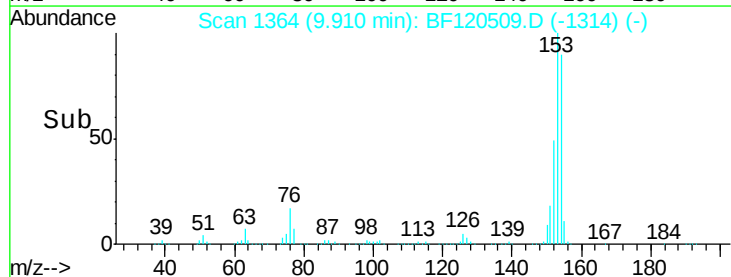
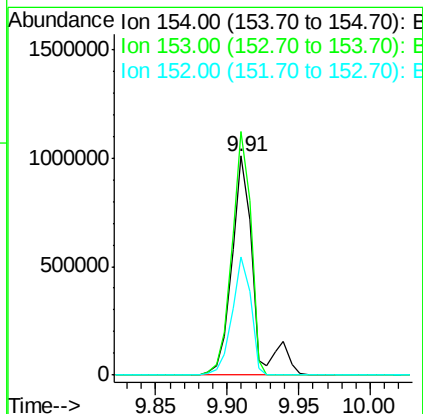
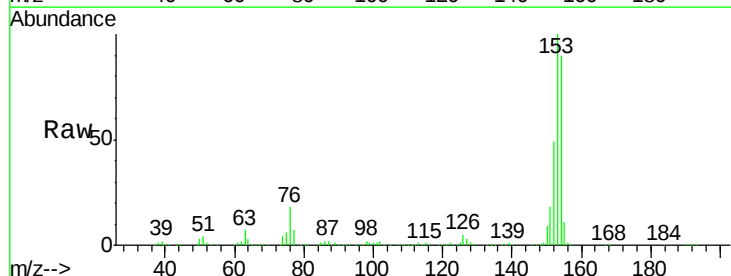
RT: 9.91 min Scan# 1364

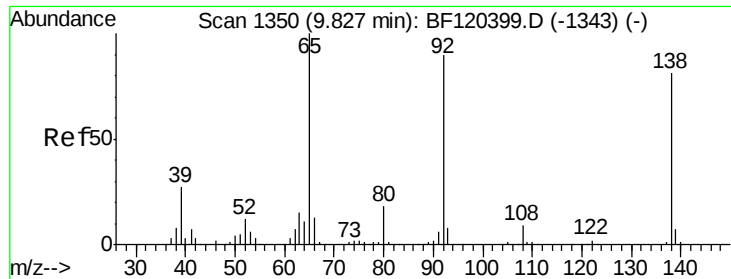
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	154	Resp:	1051400
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.8	134.8
152	54.1	43.8	65.6





#53

3-Nitroaniline

Concen: 28.192 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

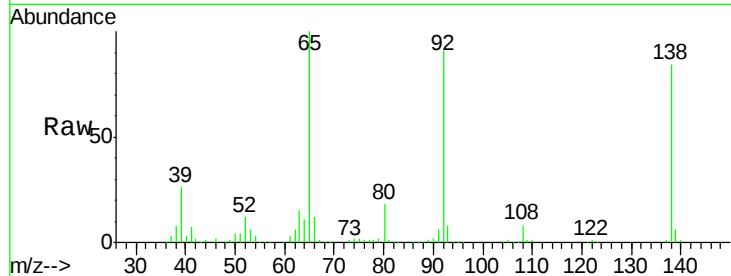
ClientSampleId :

NM34-COMP-2020-0-6MSD

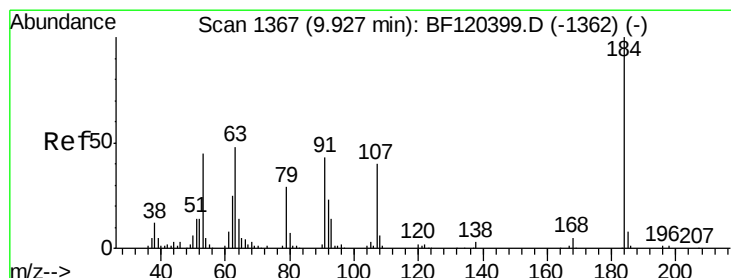
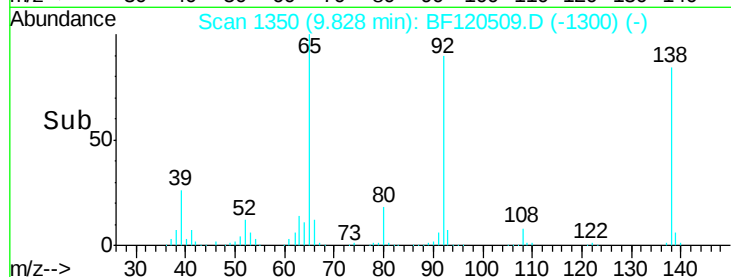
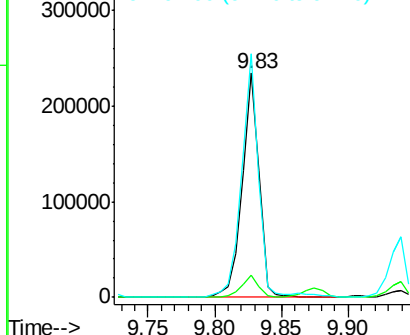
Tot Ion:	138	Resp:	206918
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.9	11.9
92	108.6	86.4	129.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 93.133 ng

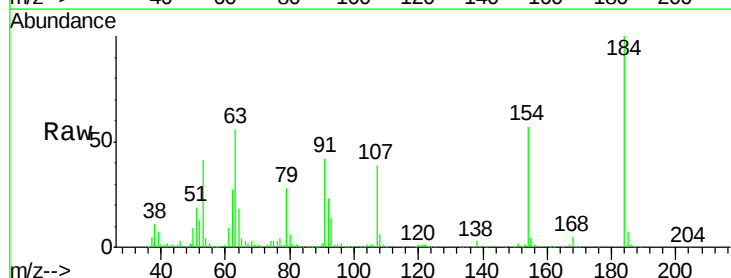
RT: 9.94 min Scan# 1369

Delta R.T. 0.00 min

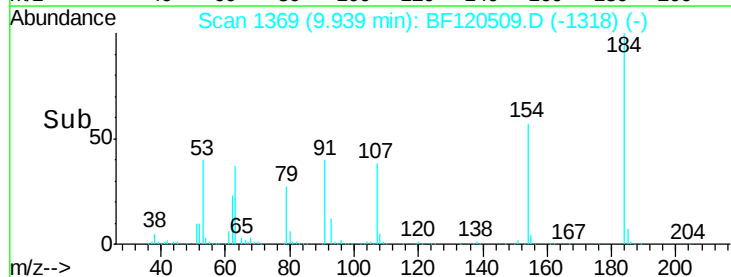
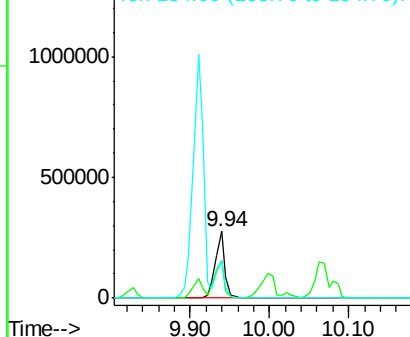
Lab File: BF120509.D

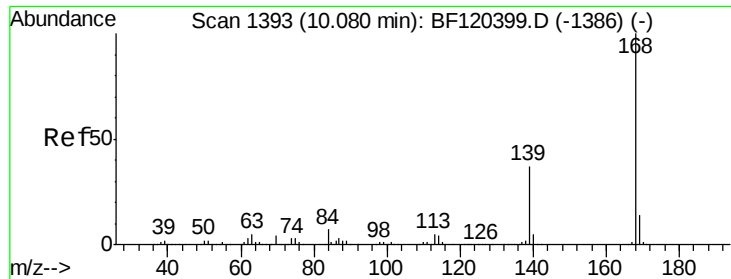
Acq: 3 Jun 2020 15:08

Tgt Ion:	184	Resp:	237907
Ion Ratio	Lower	Upper	
184	100		
63	56.0	42.0	63.0
154	56.8	44.5	66.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





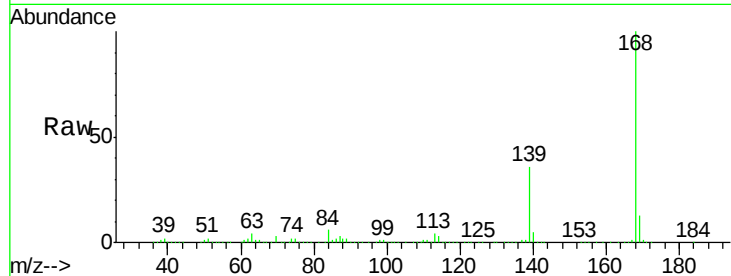
#55
Dibenzofuran
Concen: 41.184 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.0	43.4
169	13.4	11.0	16.4

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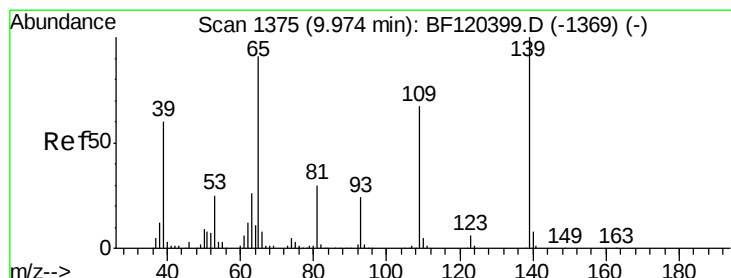
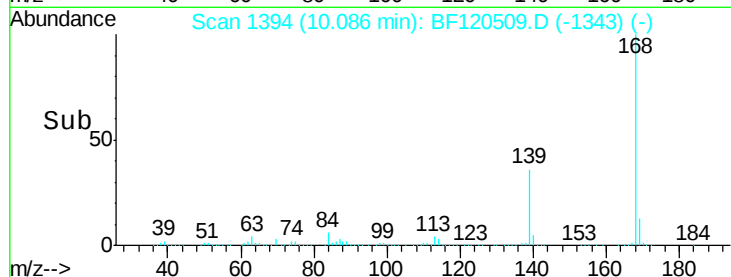
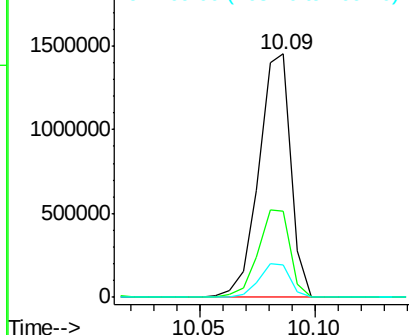


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 81.658 ng
RT: 10.00 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

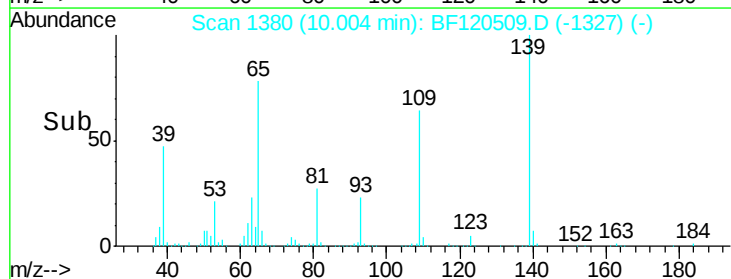
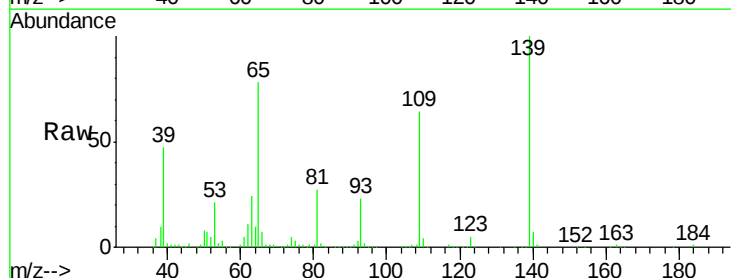
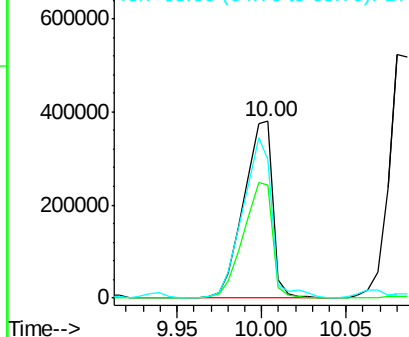
Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	47.8	87.8
65	78.2	72.0	112.0

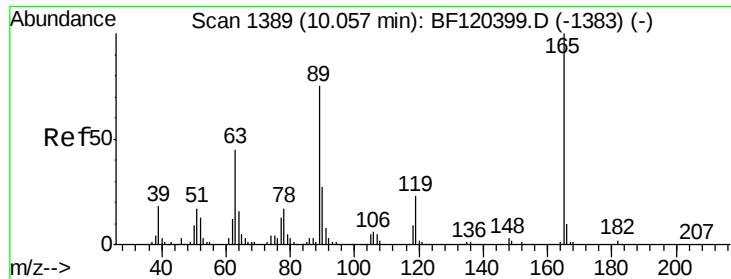
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





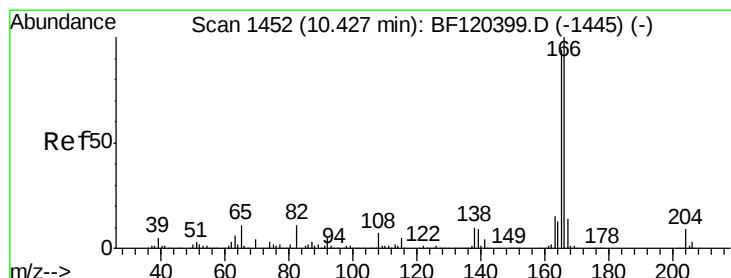
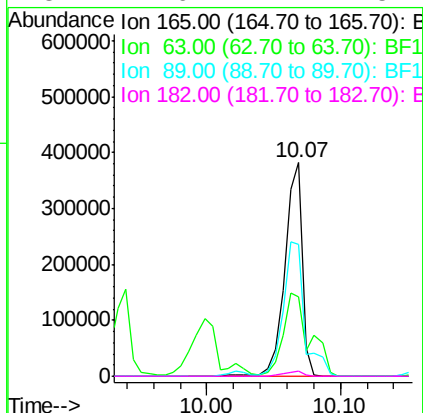
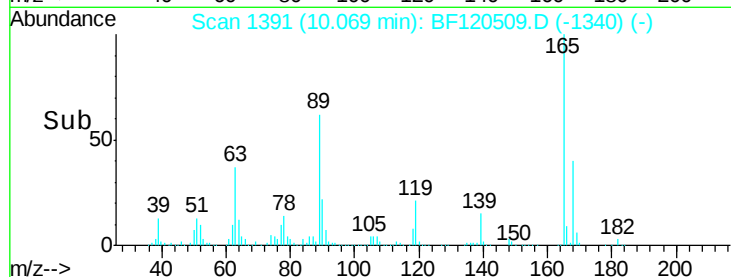
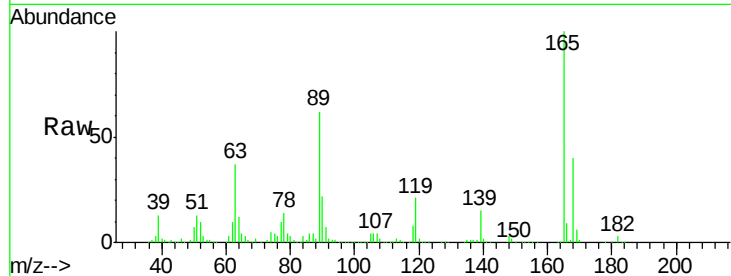
#57
2,4-Dinitrotoluene
Concen: 43.923 ng
RT: 10.07 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351353		
63	37.2		33.4	50.0
89	62.0		54.7	82.1
182	2.6		2.1	3.1

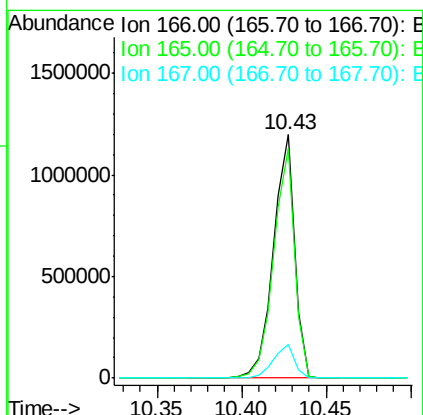
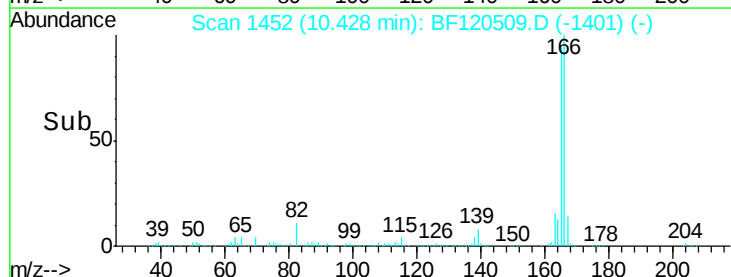
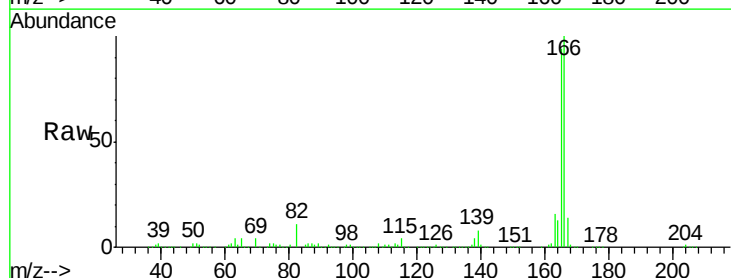
Manual Integrations
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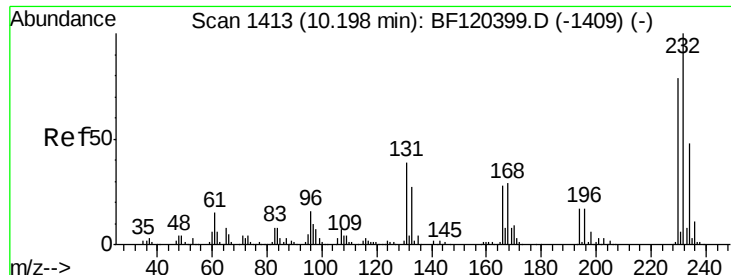
mohammad
6/4/2020 12:12:16 PM



#58
Fluorene
Concen: 39.950 ng
RT: 10.43 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1022511		
165	94.1		75.8	113.8
167	13.7		11.1	16.7





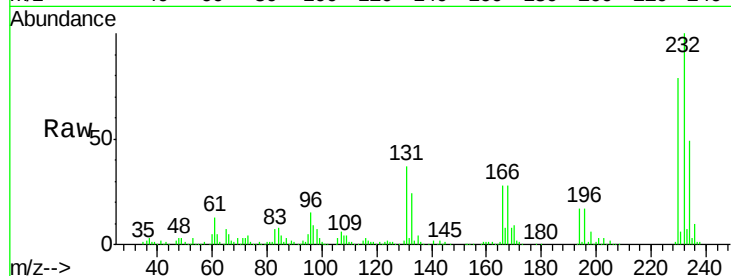
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.310 ng
 RT: 10.20 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

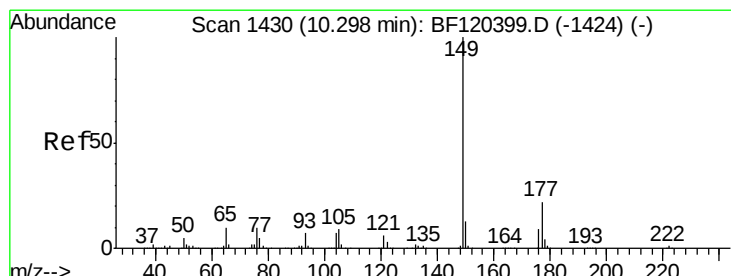
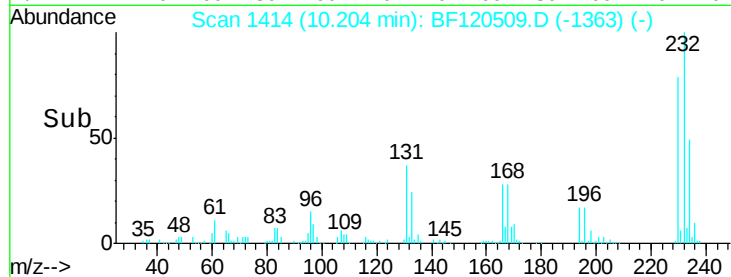
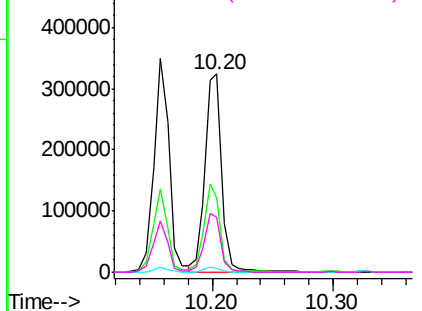
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		311824		
131	41.9	34.2	51.2		
130	2.2	1.7	2.5		
166	28.9	23.4	35.0		

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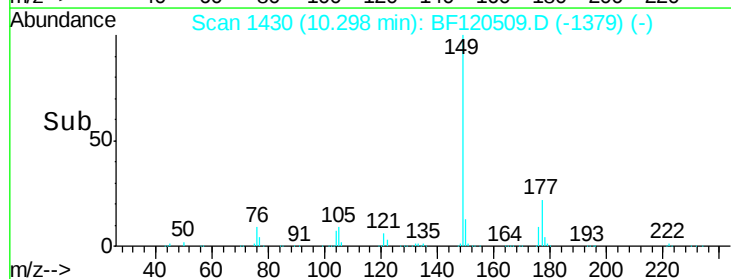
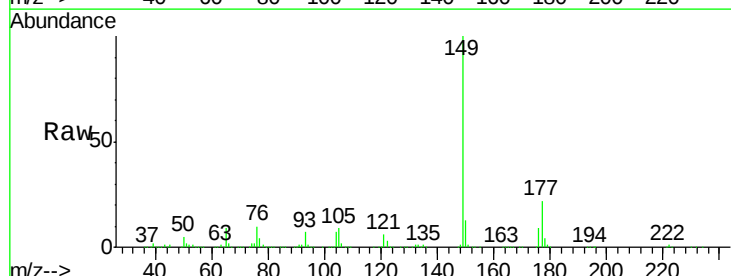
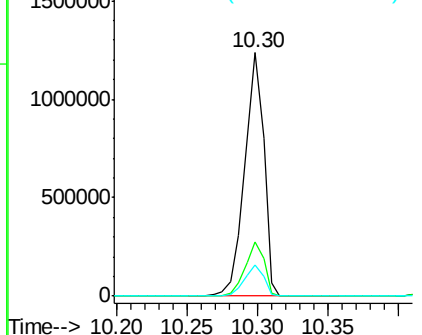
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

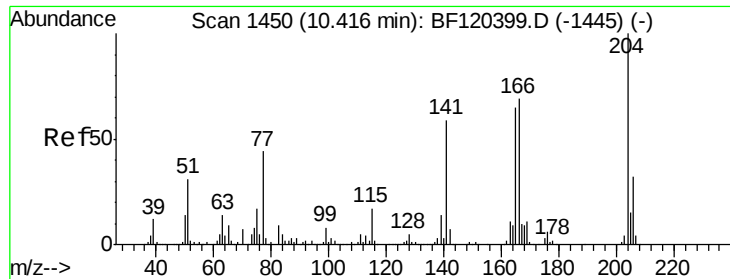


#60
 Diethylphthalate
 Concen: 41.487 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1179092		
177	22.1	17.7	26.5		
150	12.8	10.2	15.2		

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





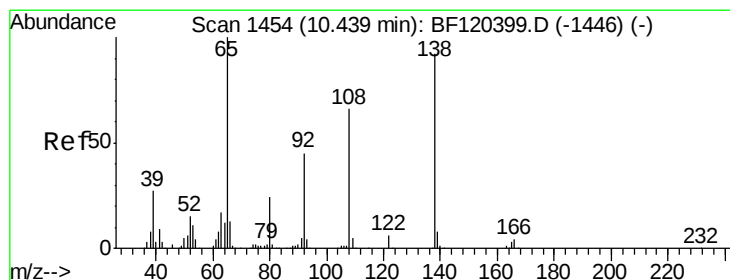
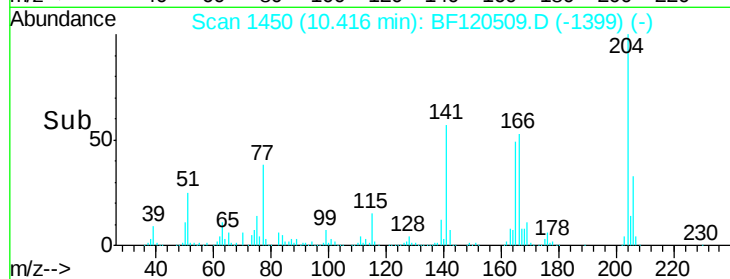
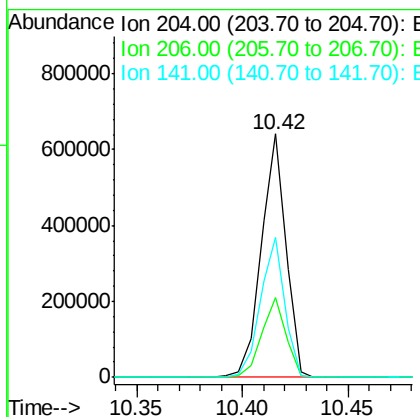
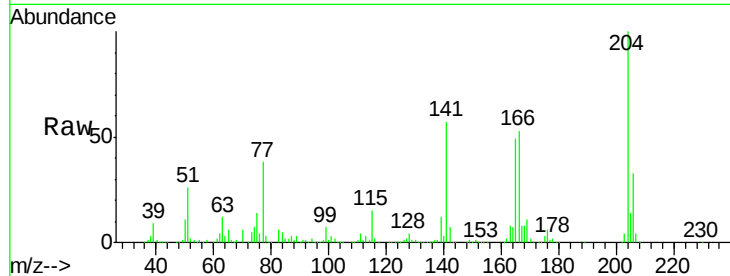
#61
 4-Chlorophenyl-phenylether
 Concen: 37.463 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	57.4	48.2	72.2

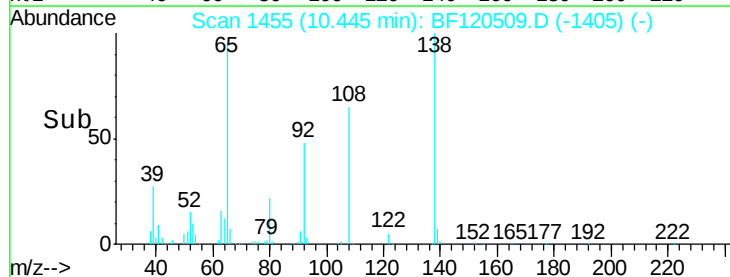
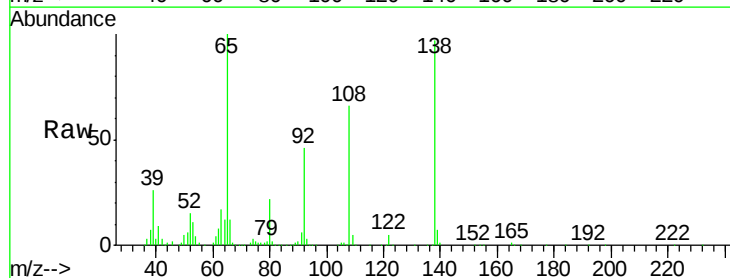
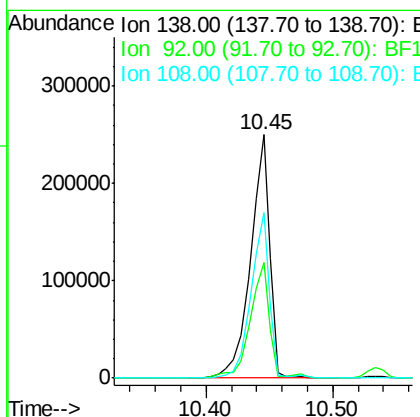
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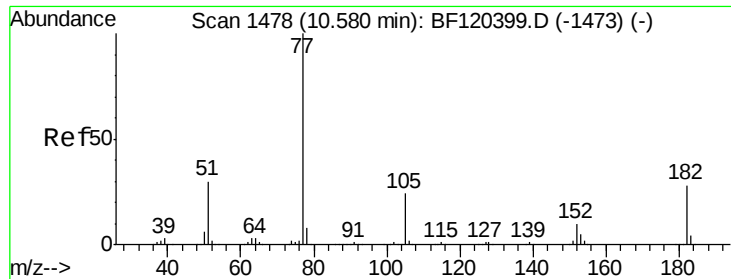
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#62
 4-Nitroaniline
 Concen: 38.216 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	26.7	66.7
108	67.9	46.5	86.5





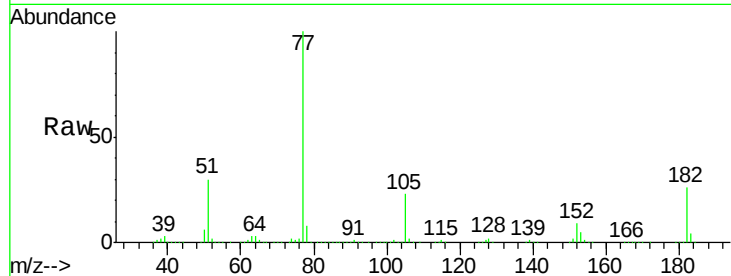
#63
Azobenzene
Concen: 39.408 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	8.6	48.6
105	23.5	3.6	43.6
51	30.2	10.1	50.1

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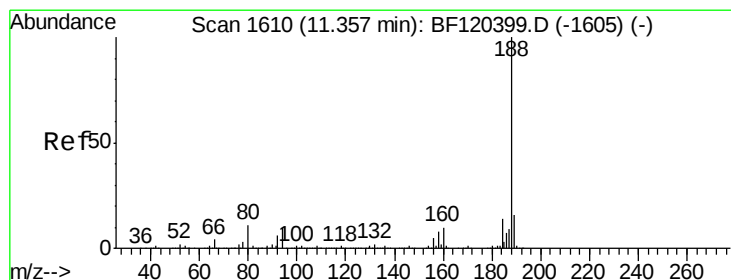
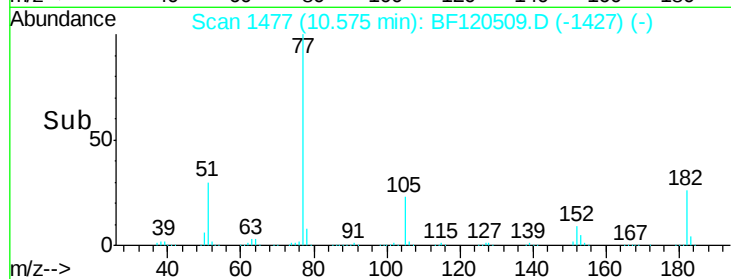
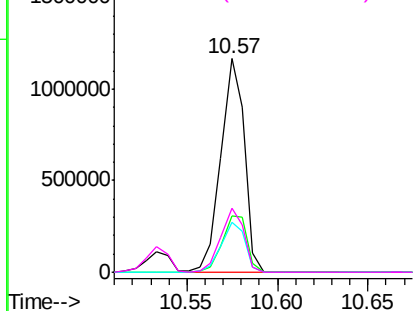


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

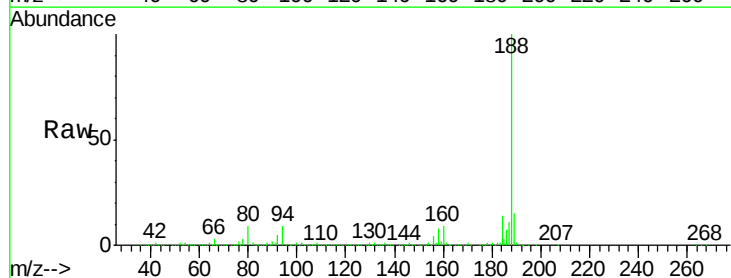
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

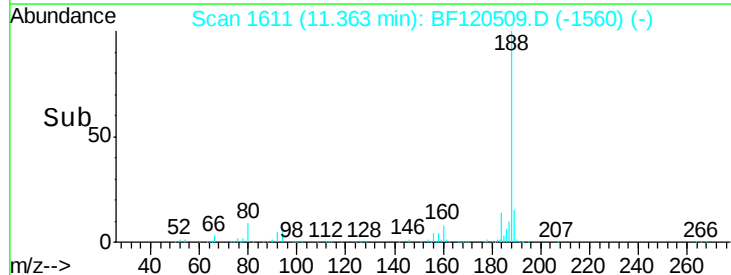
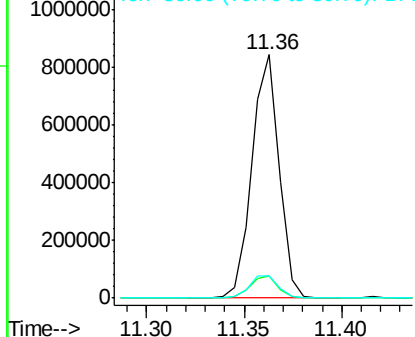
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.1	7.9	11.9

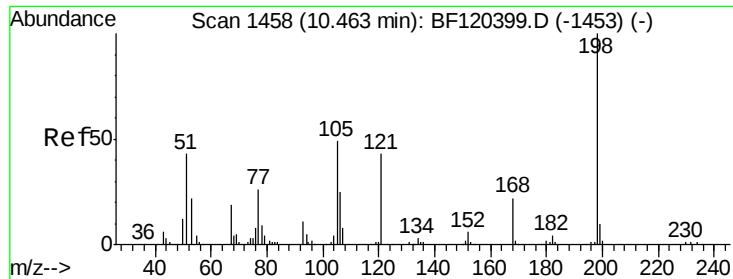


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





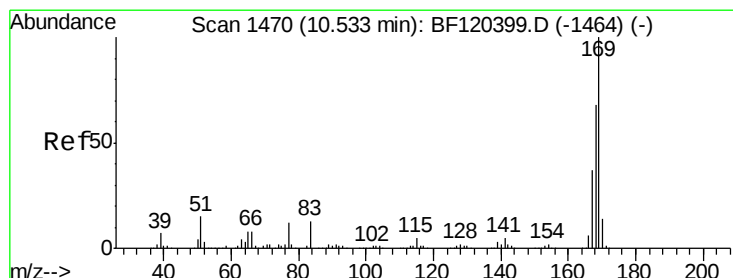
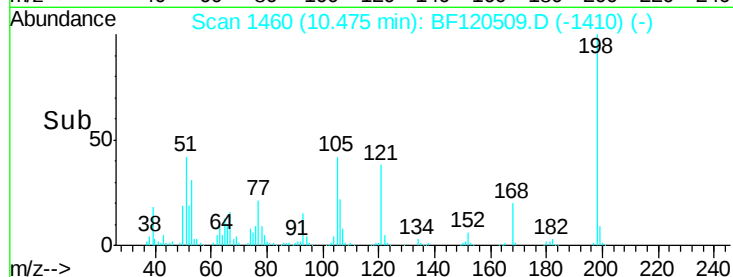
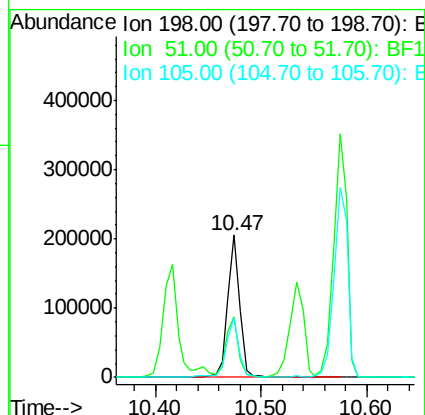
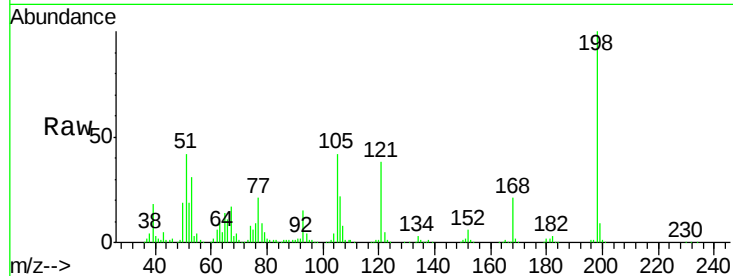
#65
4,6-Dinitro-2-methylphenol
Concen: 55.366 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	17.0	57.0
105	41.7	19.3	59.3

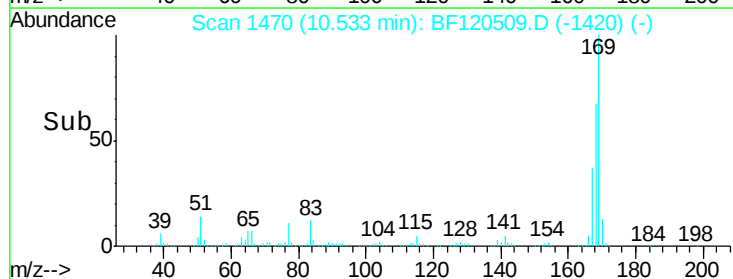
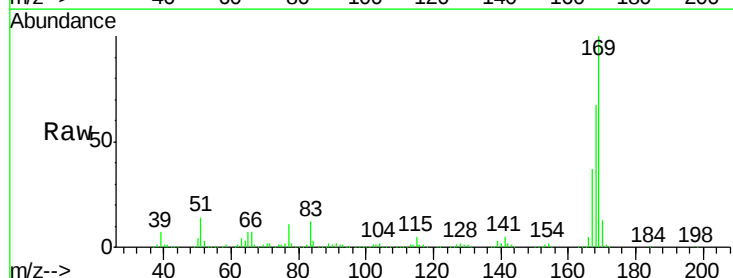
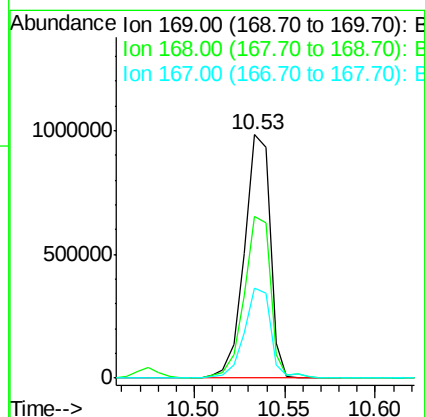
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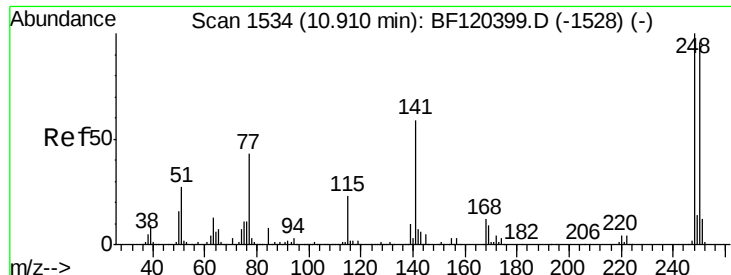
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.206 ng
RT: 10.53 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.4	81.6
167	36.7	30.0	45.0





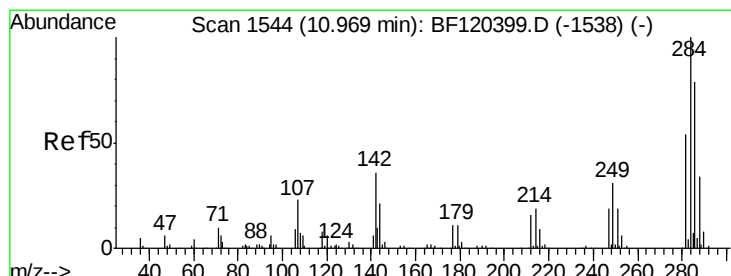
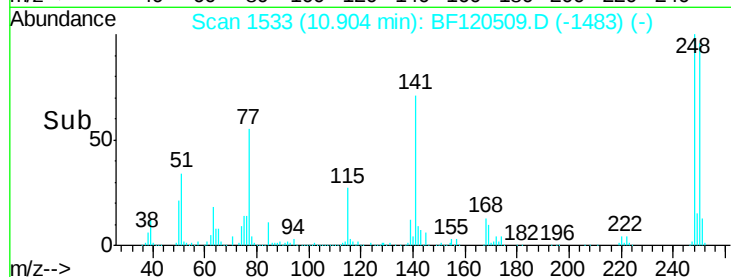
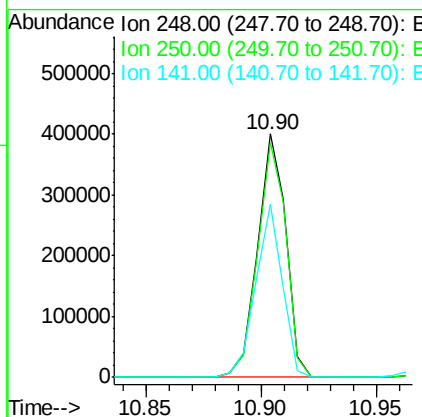
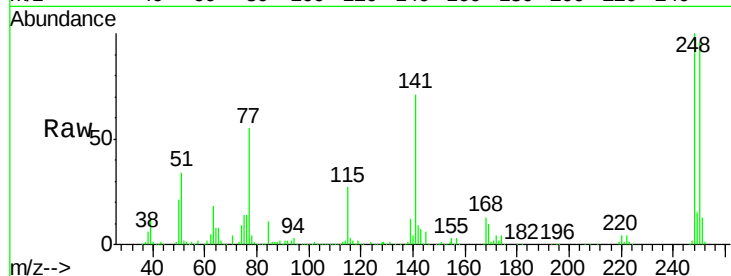
#67
4-Bromophenyl-phenylether
Concen: 41.912 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.0	117.0
141	71.0	50.3	75.5

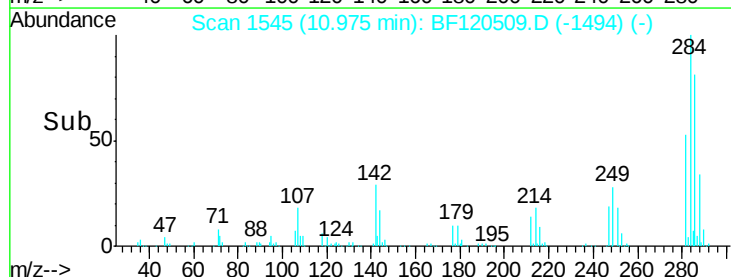
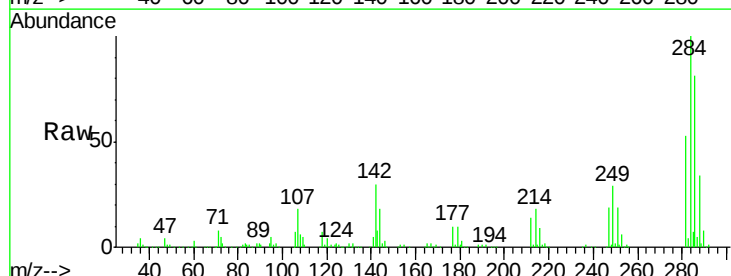
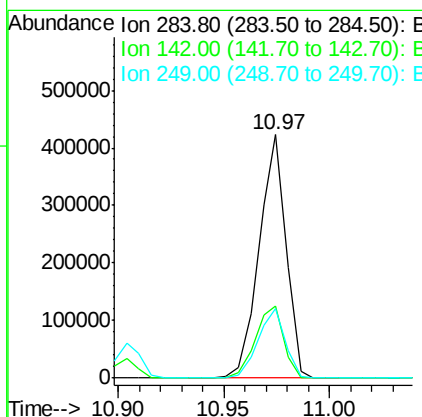
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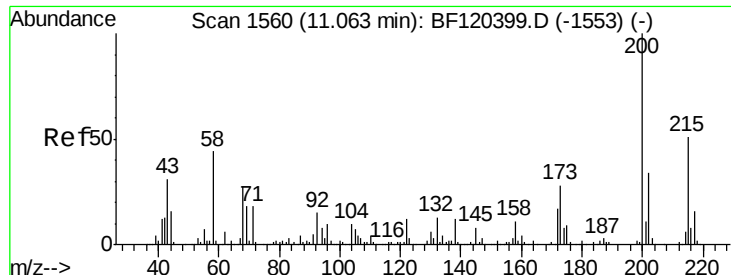
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#68
Hexachlorobenzene
Concen: 43.115 ng
RT: 10.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.7	38.5
249	28.7	23.5	35.3





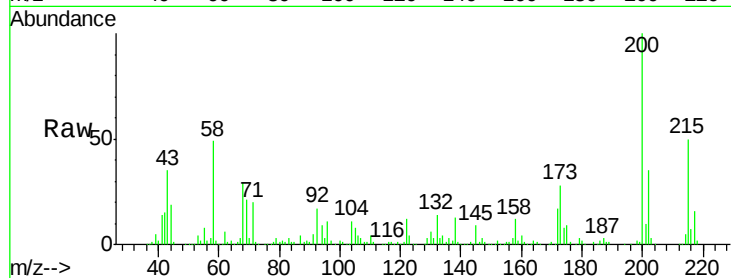
#69
Atrazine
Concen: 41.192 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	8.7	48.7
215	49.8	29.0	69.0

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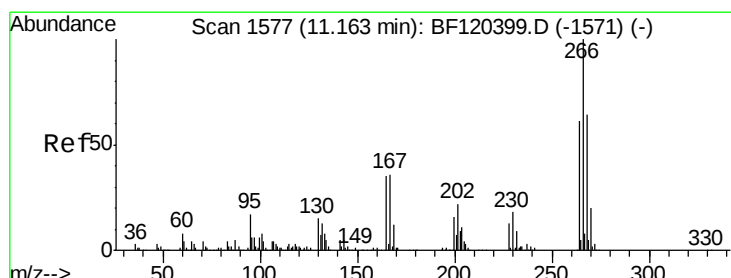
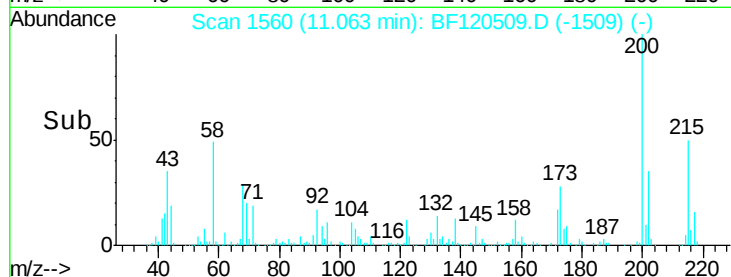
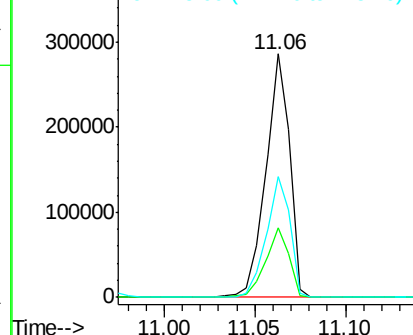


Abundance

Ion 200.00 (199.70 to 200.70): E

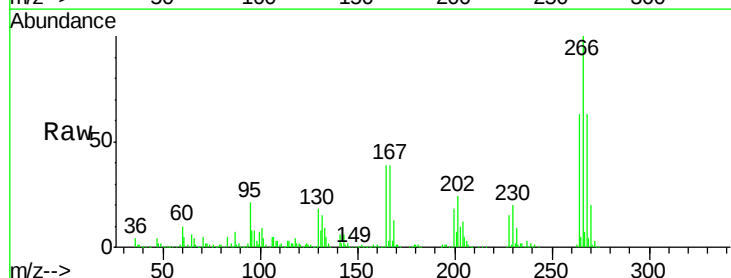
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.032 ng
RT: 11.17 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	51.8	77.8
264	62.9	51.0	76.6

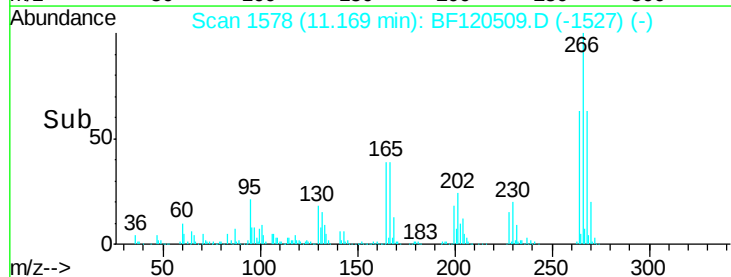
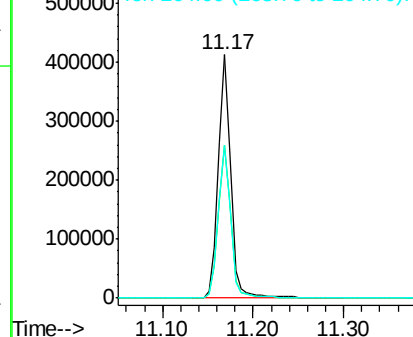


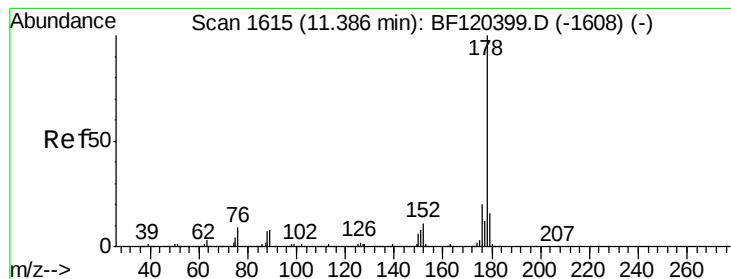
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.549 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:178 Resp: 1588725

Ion Ratio Lower Upper

178 100

176 20.1 16.6 24.8

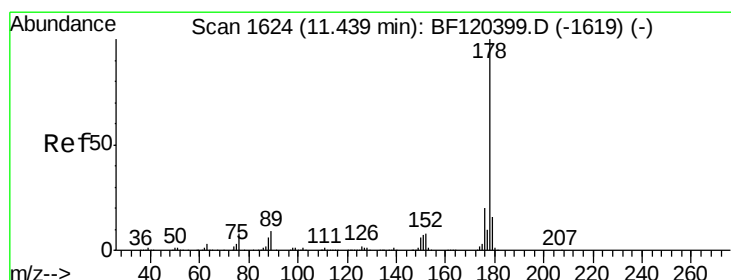
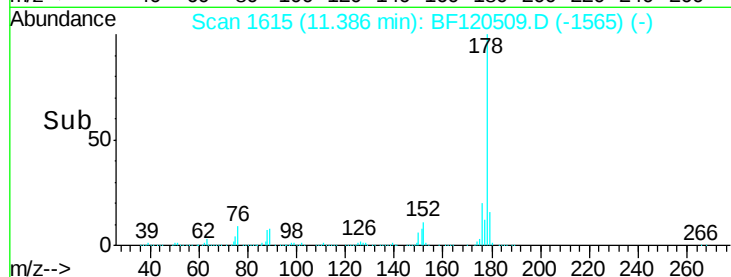
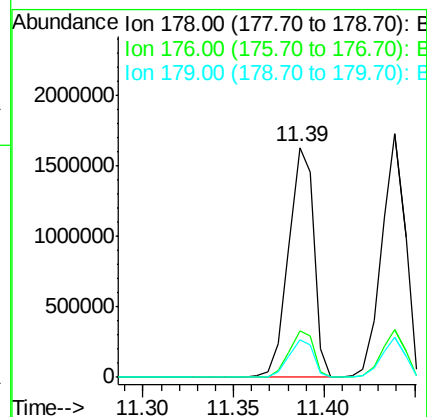
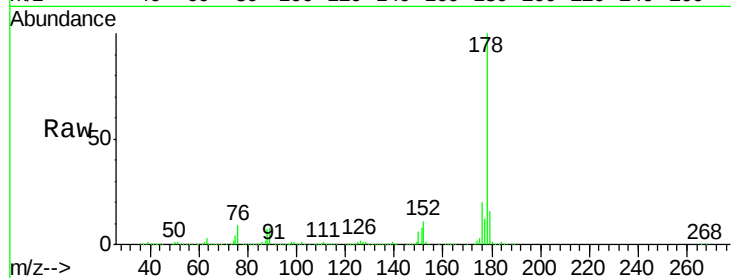
179 16.1 13.0 19.4

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#72

Anthracene

Concen: 43.388 ng

RT: 11.44 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

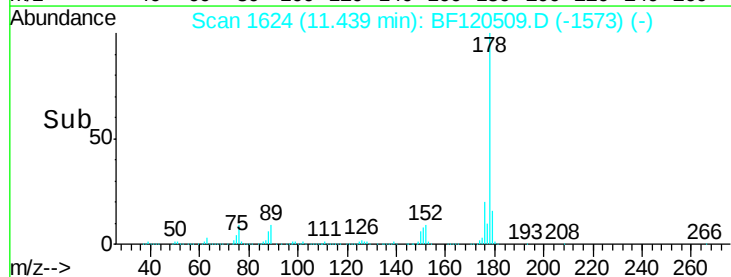
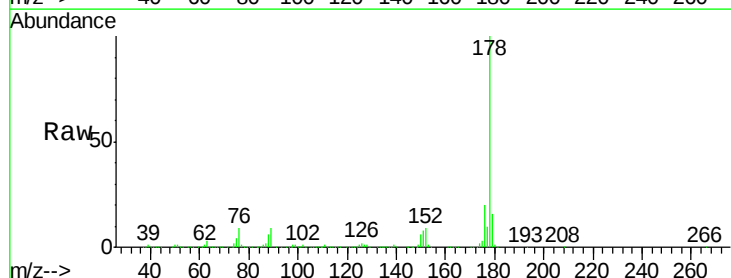
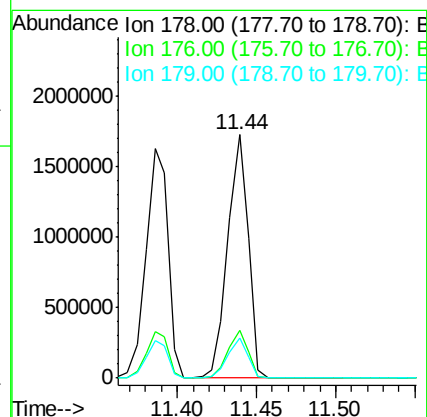
Tgt Ion:178 Resp: 1552503

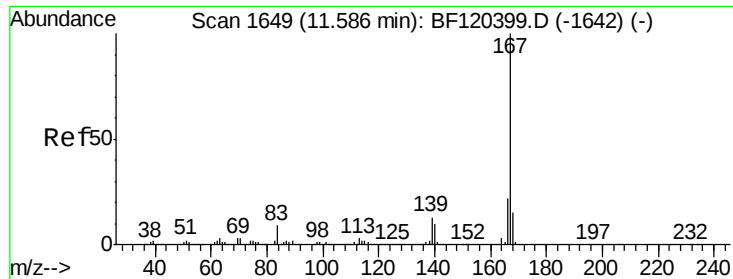
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.2 13.1 19.7





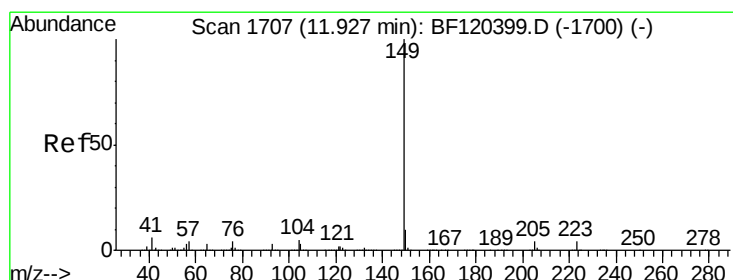
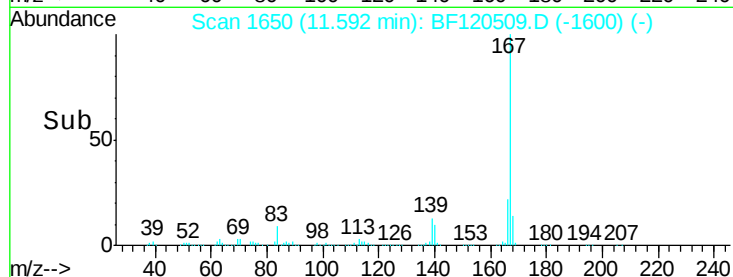
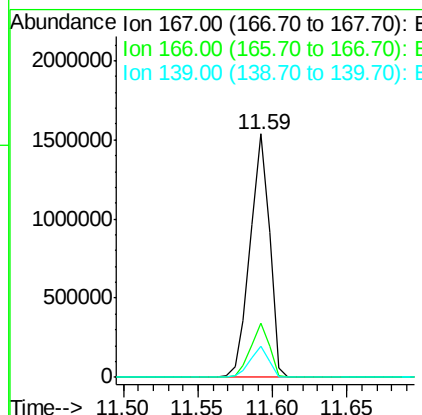
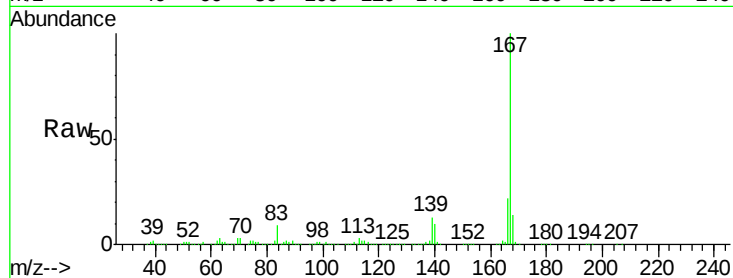
#73
 Carbazole
 Concen: 40.047 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	12.8	10.2	15.2

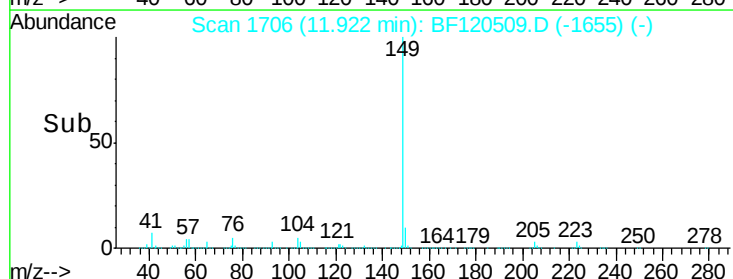
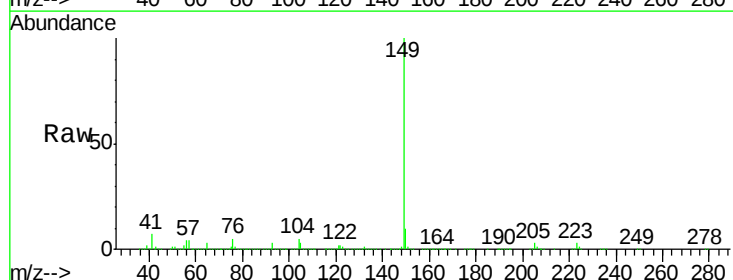
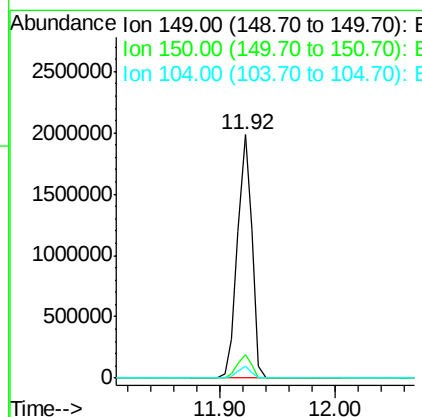
Manual Integrations
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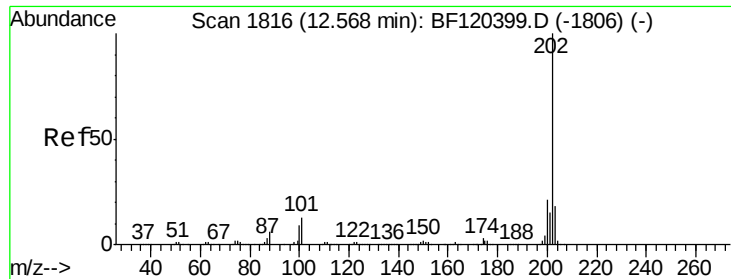
mohammad
 6/4/2020 12:12:16 PM



#74
 Di-n-butylphthalate
 Concen: 42.623 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 44.822 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

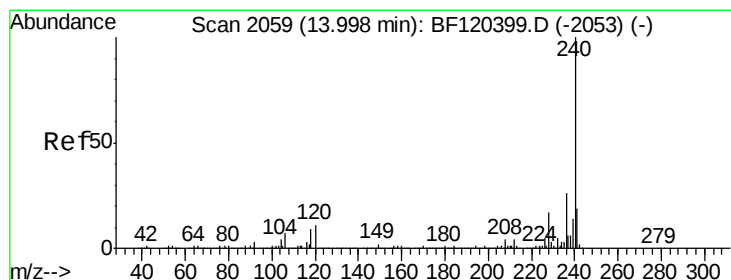
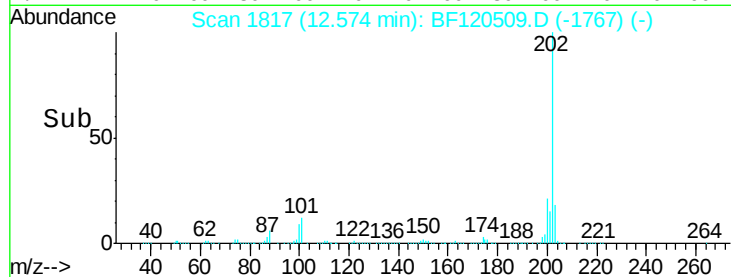
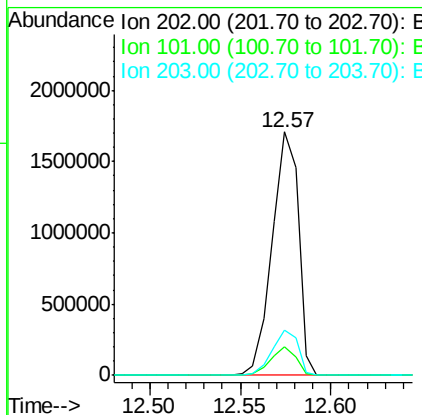
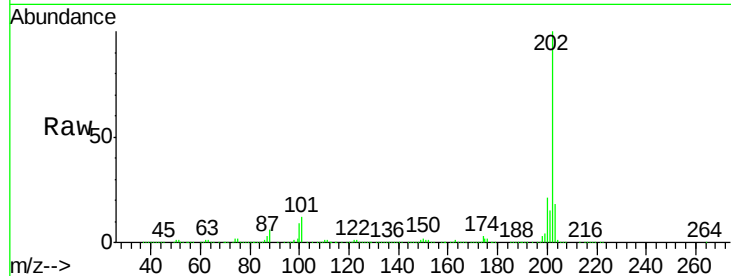
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1719983		
101	12.0	0.0	30.4		
203	18.4	0.0	38.2		

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#76

Chrysene-d12

Concen: 20.000 ng

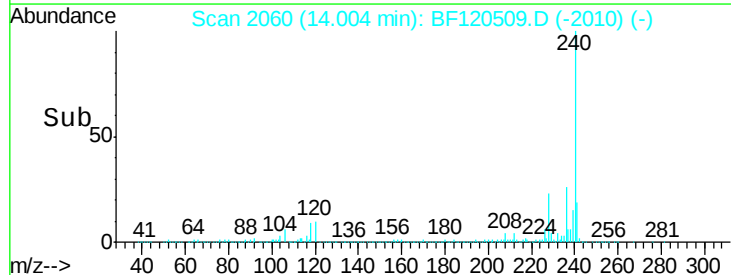
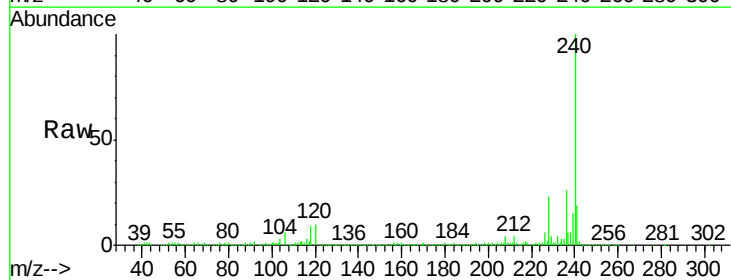
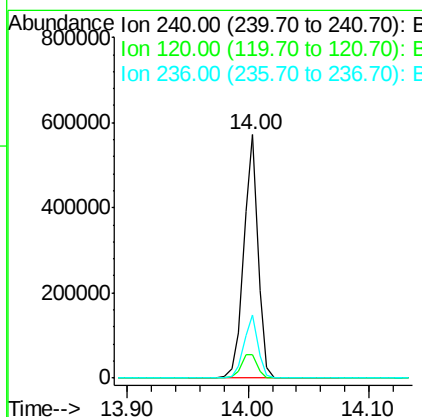
RT: 14.00 min Scan# 2060

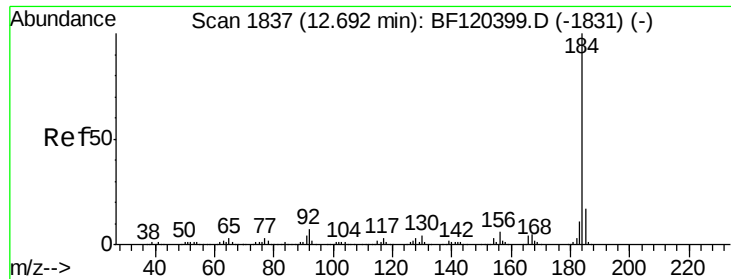
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		469515		
120	9.8	7.9	11.9		
236	26.2	21.1	31.7		





#77

Benzidine

Concen: 38.153 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

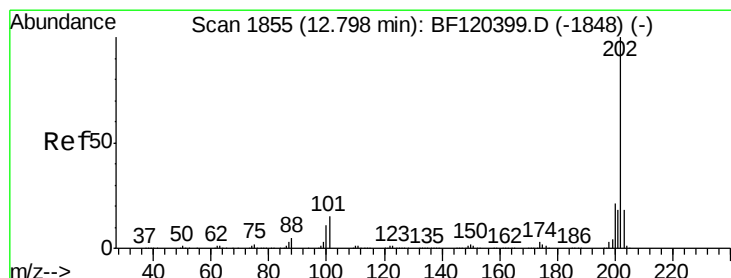
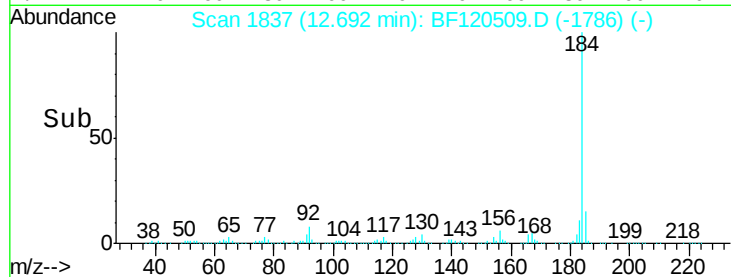
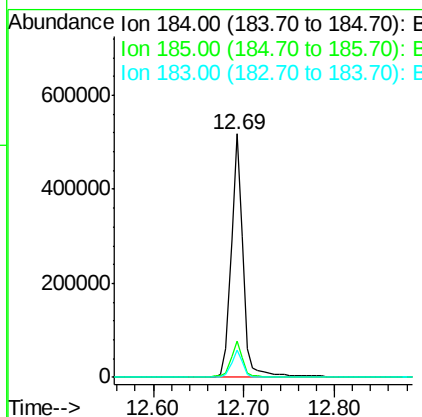
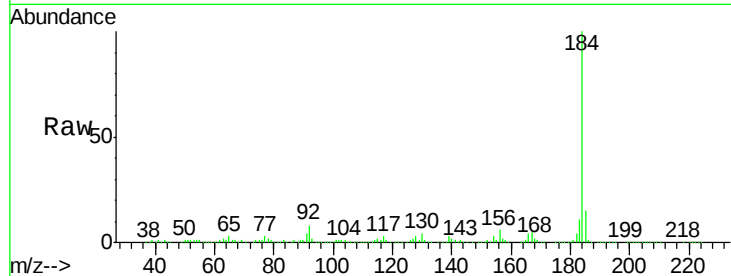
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	184	Resp:	470667
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.2	19.8
183	11.4	9.1	13.7

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#78

Pyrene

Concen: 51.494 ng

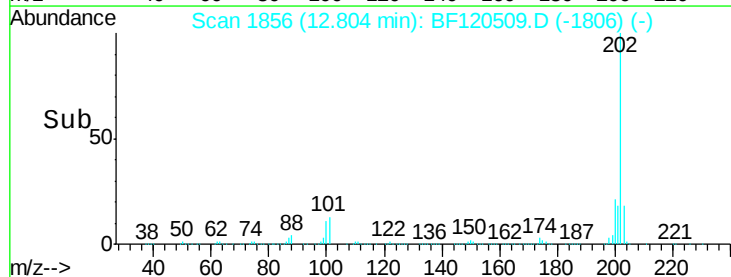
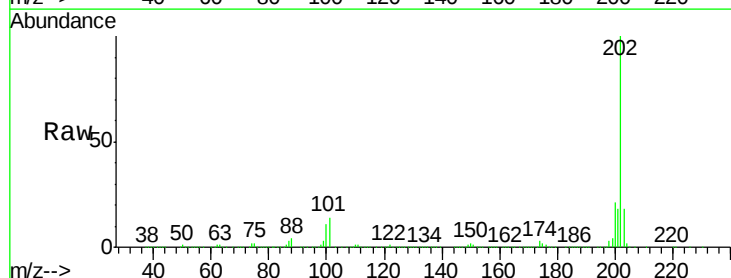
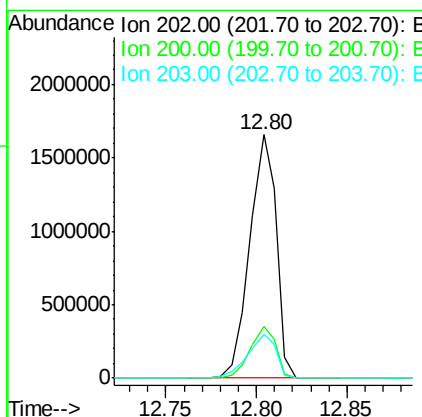
RT: 12.80 min Scan# 1856

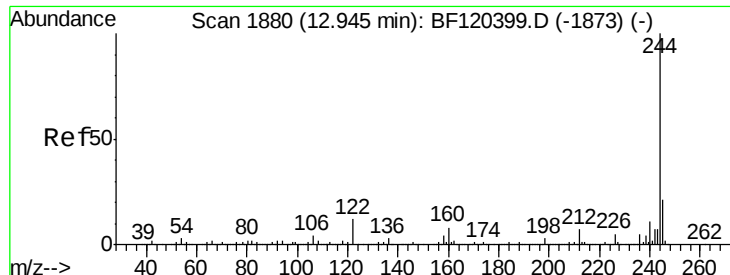
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	202	Resp:	1681399
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	18.2	14.5	21.7





#79

Terphenyl-d14

Concen: 70.606 ng

RT: 12.95 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:244 Resp: 1489751

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

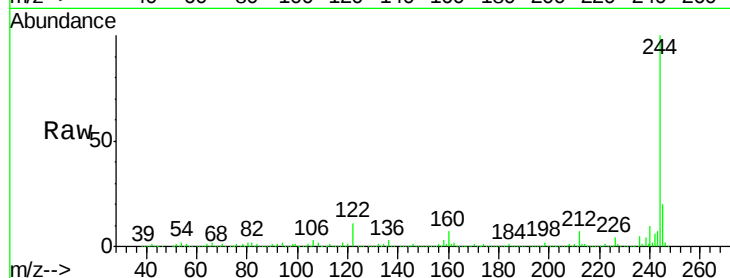
122 10.7 8.2 12.4

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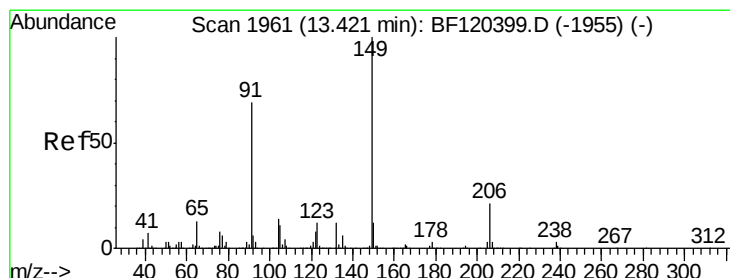
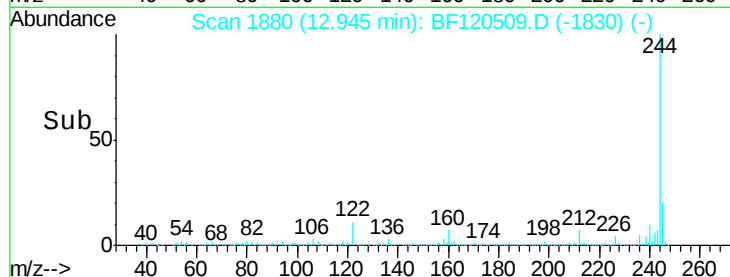
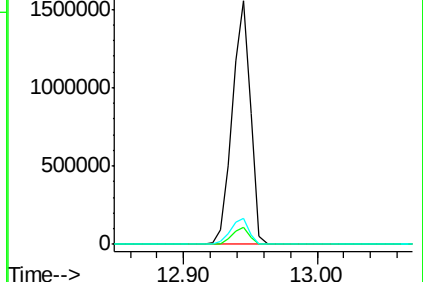
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.493 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

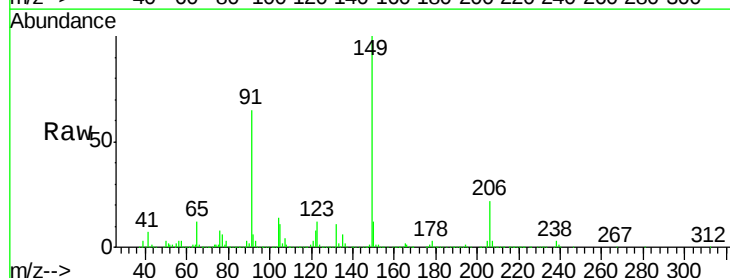
Tgt Ion:149 Resp: 633762

Ion Ratio Lower Upper

149 100

91 65.5 56.2 84.2

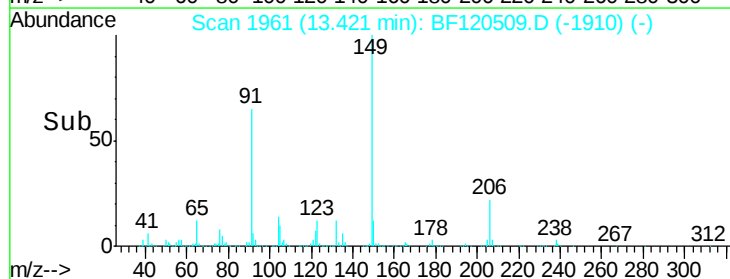
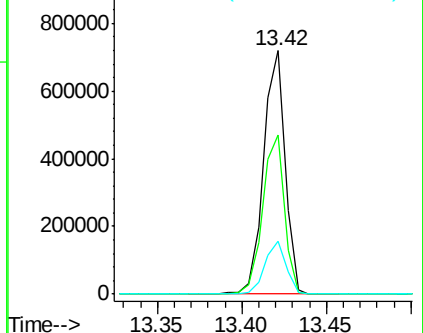
206 21.9 16.8 25.2

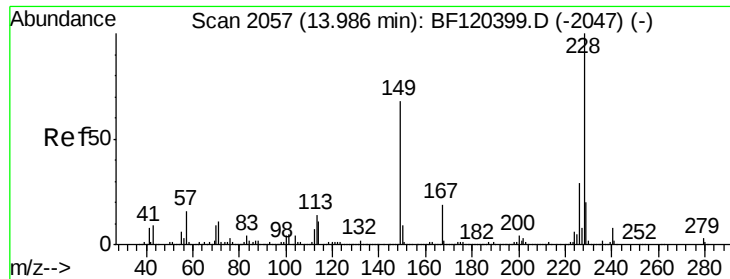


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.386 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

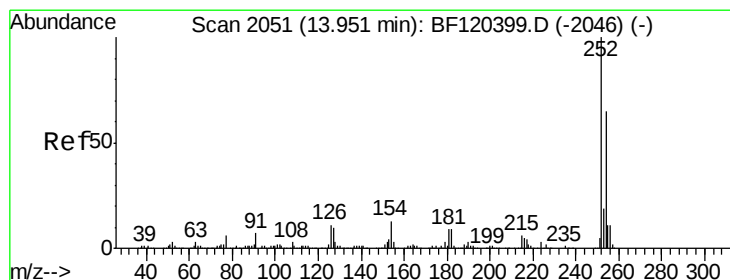
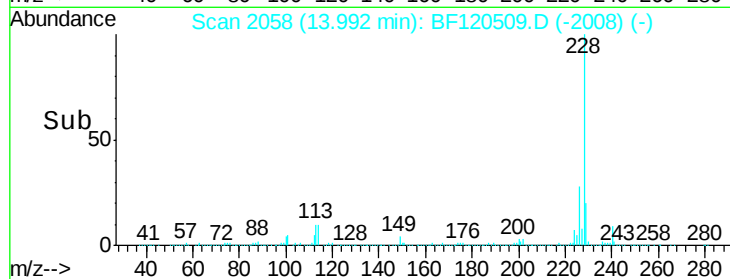
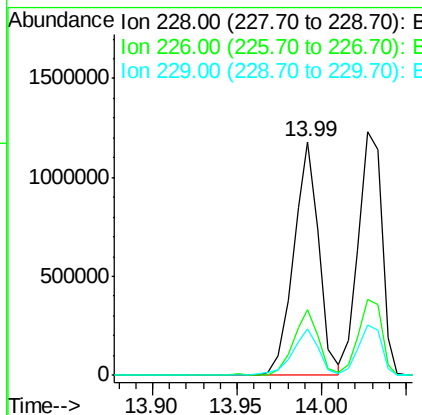
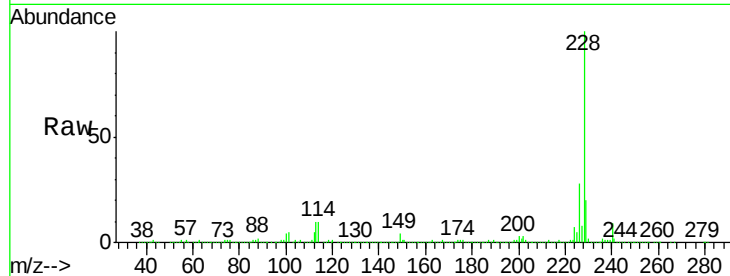
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	228	Resp:	1217557
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.9	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 37.650 ng

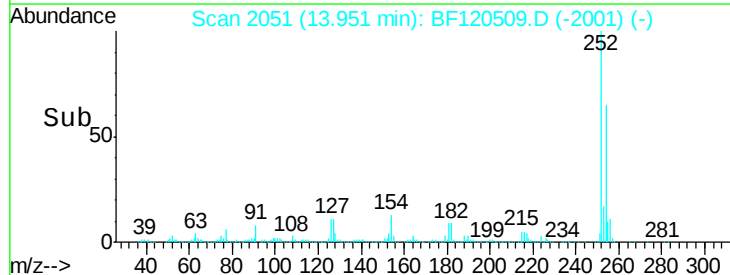
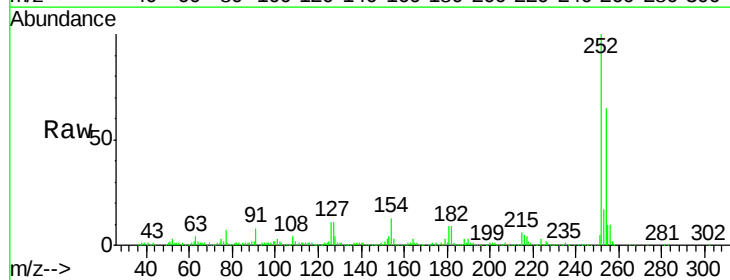
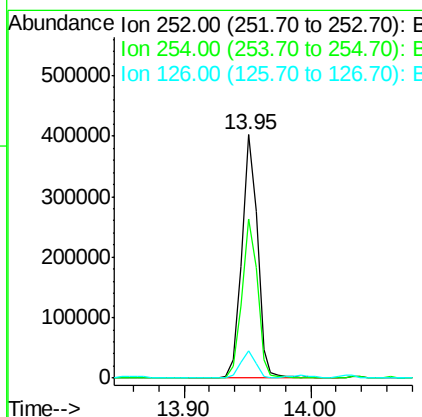
RT: 13.95 min Scan# 2051

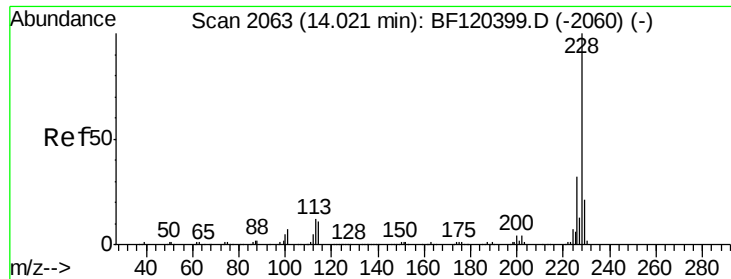
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	252	Resp:	343955
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.2
126	11.2	9.6	14.4





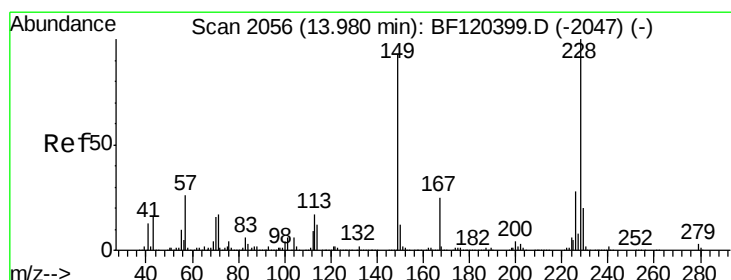
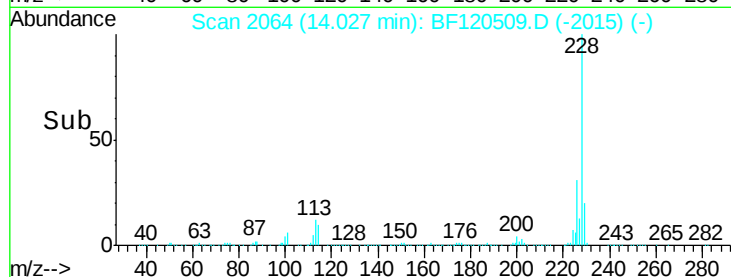
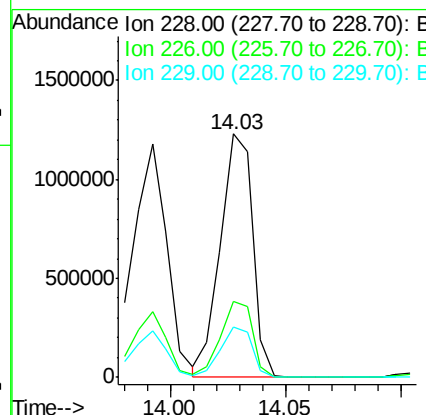
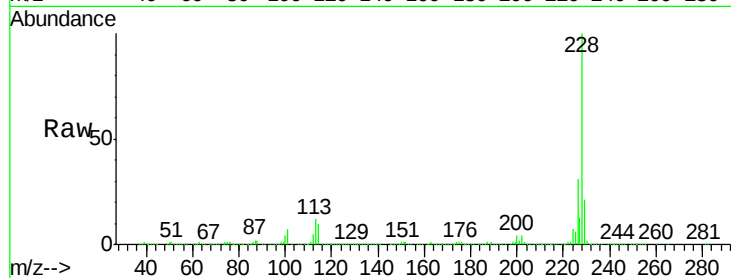
#83
Chrysene
Concen: 45.064 ng
RT: 14.03 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

Tot Ion:228 Resp: 1188824
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 20.5 16.1 24.1

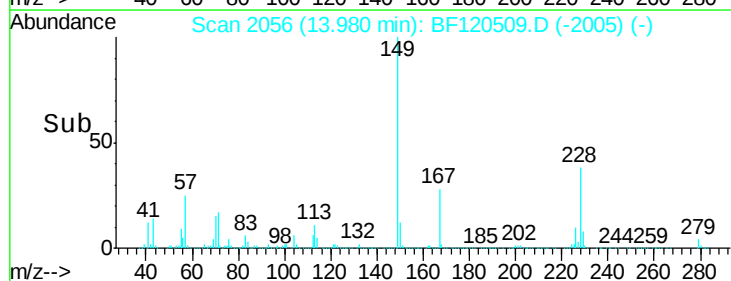
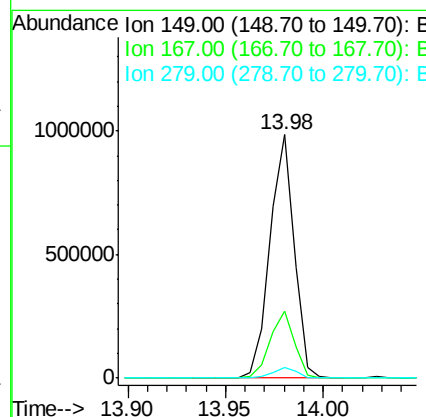
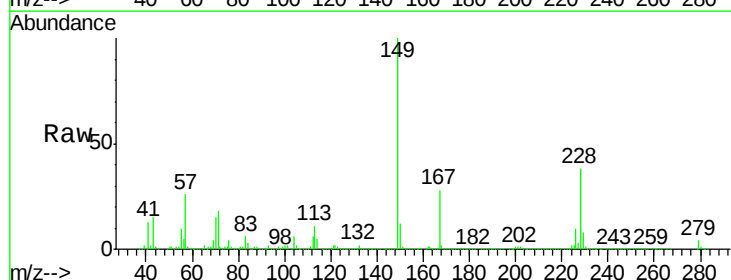
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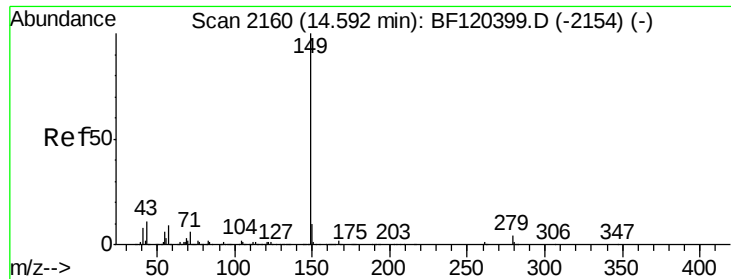
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.859 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion:149 Resp: 845831
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.585 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

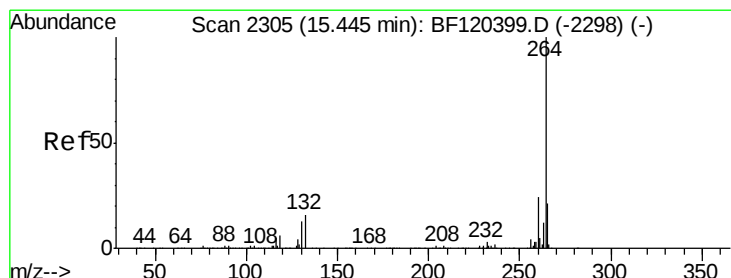
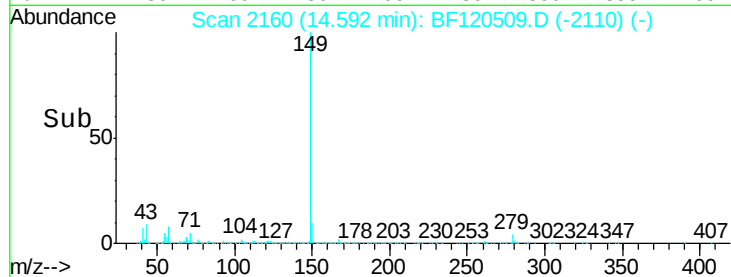
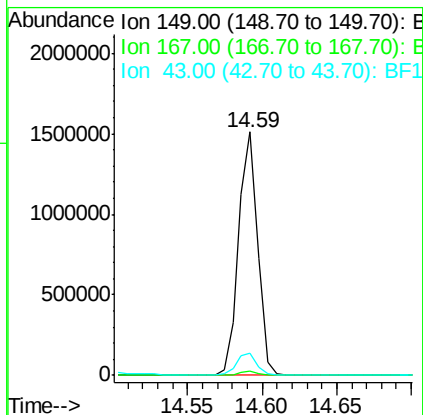
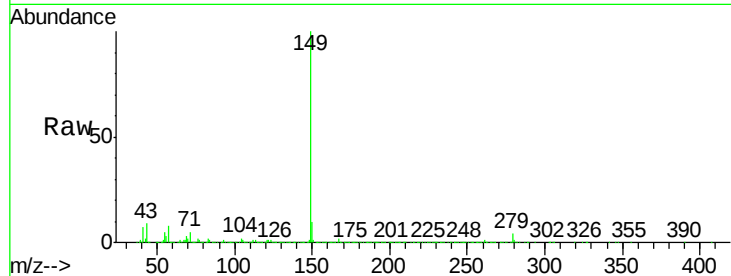
ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:	149	Resp:	1345220
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.8	11.8

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

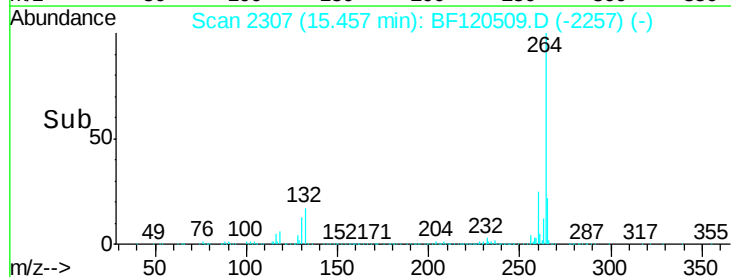
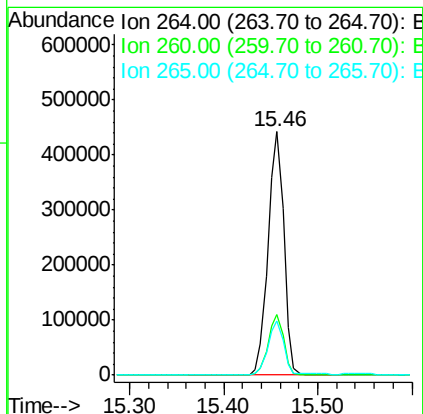
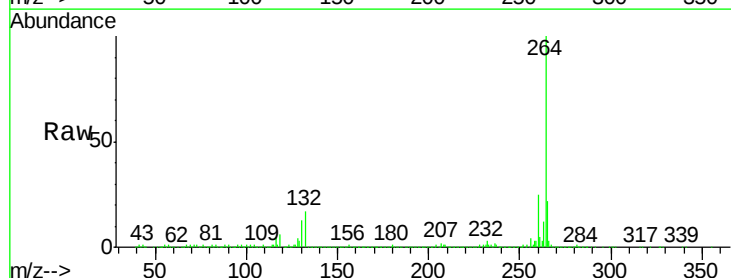
RT: 15.46 min Scan# 2307

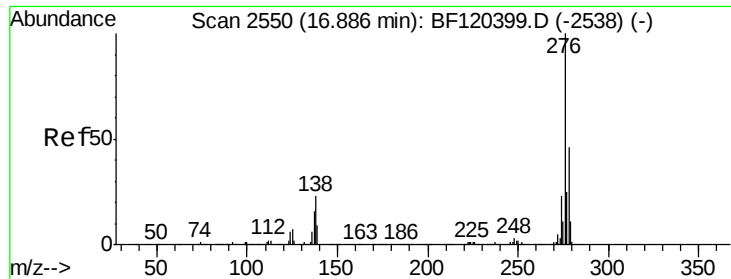
Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Tgt Ion:	264	Resp:	517299
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.4	17.5	26.3





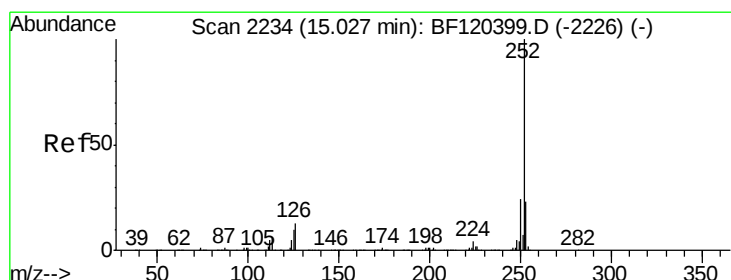
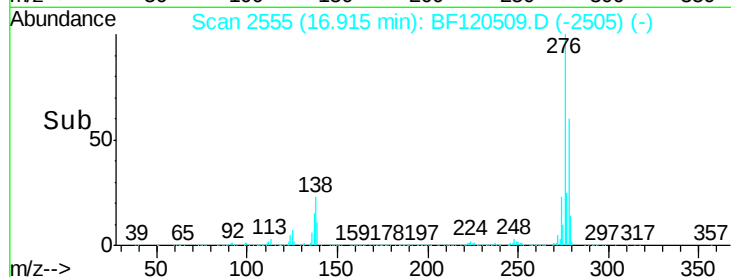
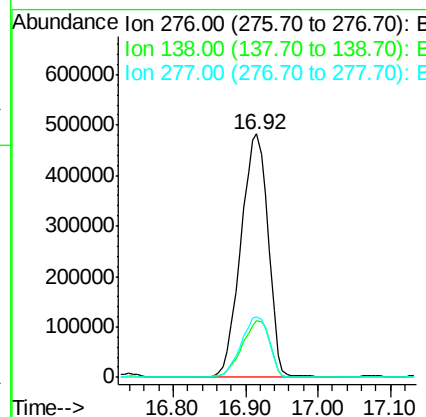
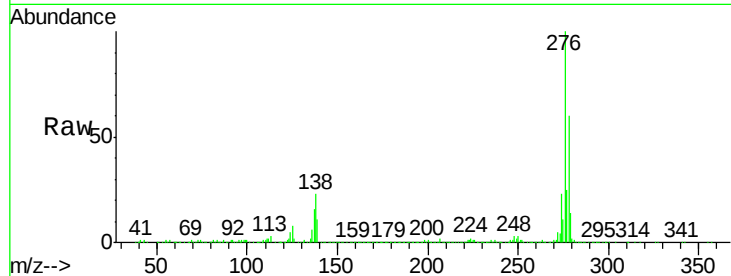
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.425 ng
 RT: 16.92 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.2	28.8
277	25.2	20.4	30.6

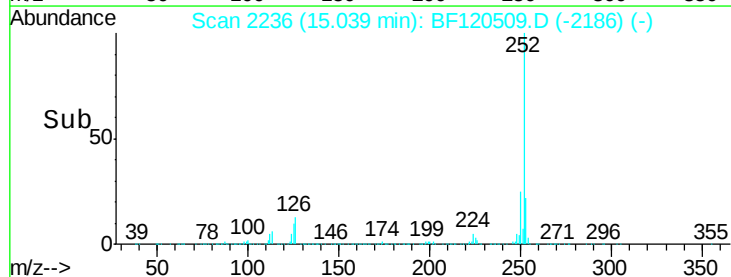
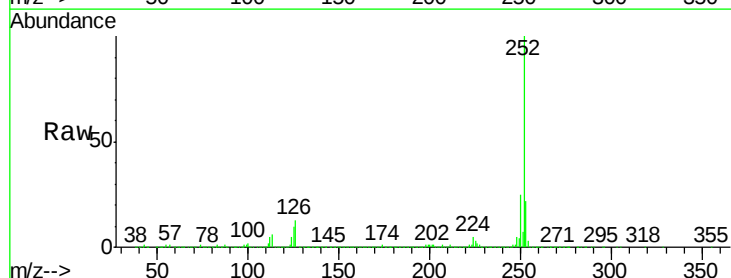
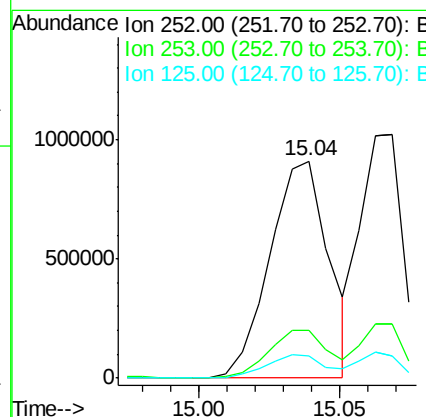
Manual Integrations
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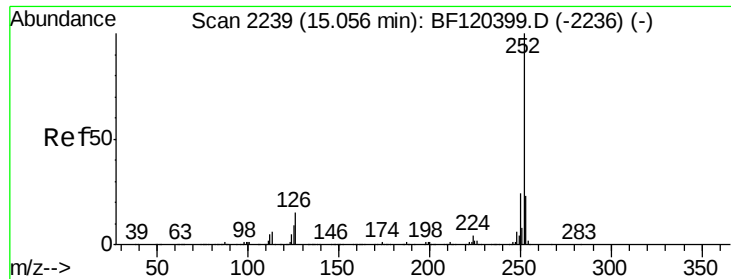
mohammad
 6/4/2020 12:12:16 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.754 ng
 RT: 15.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF120509.D
 Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.9	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 39.644 ng

RT: 15.07 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MSD

Tot Ion:252 Resp: 1063365

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

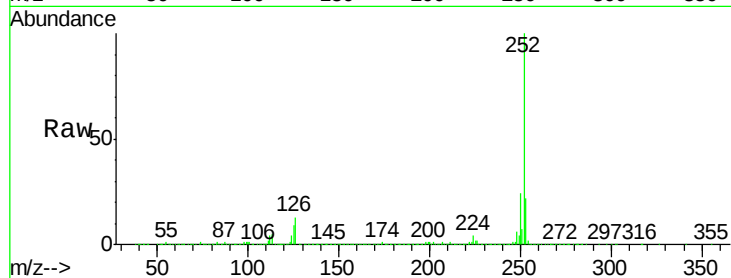
125 8.9 7.5 11.3

Manual Integrations

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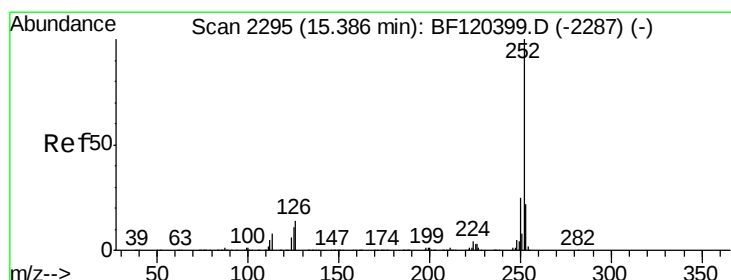
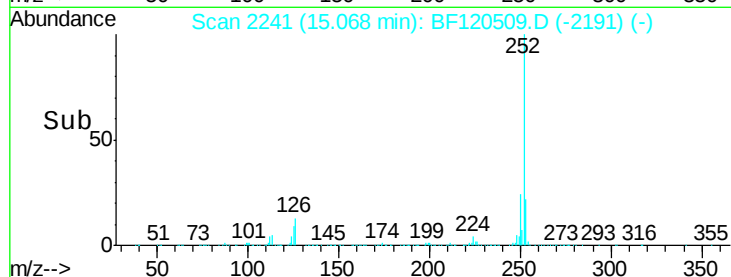
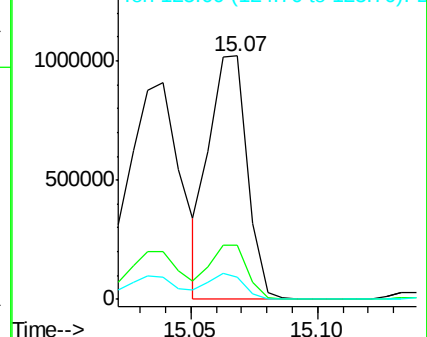
6/4/2020 12:12:16 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.755 ng

RT: 15.40 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BF120509.D

Acq: 3 Jun 2020 15:08

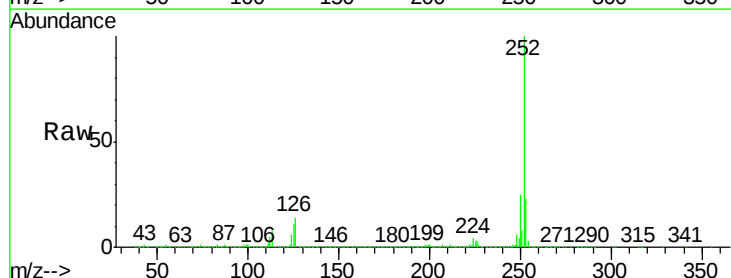
Tgt Ion:252 Resp: 1124787

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

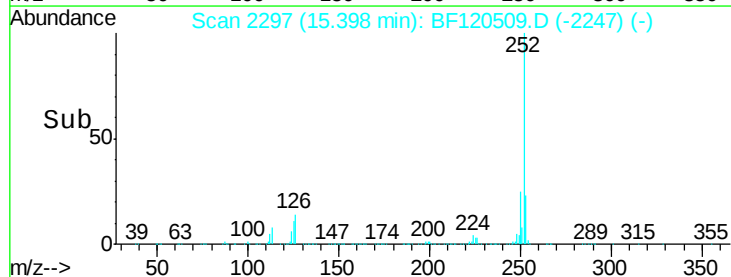
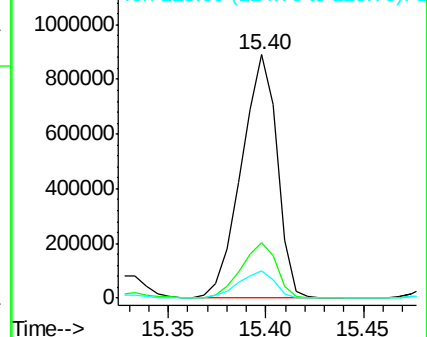
125 11.3 9.2 13.8

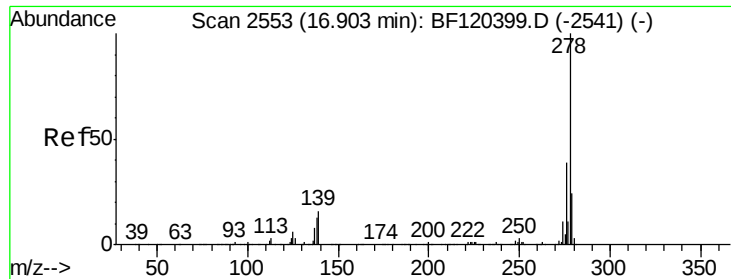


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





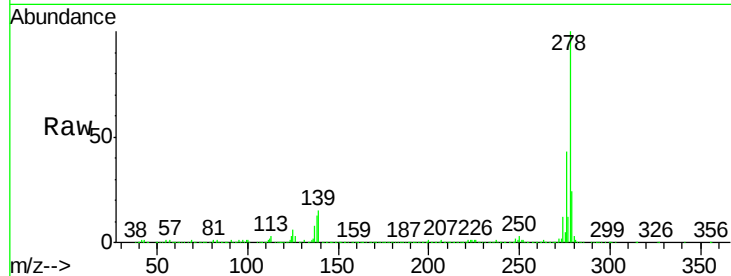
#91
Dibenzo(a,h)anthracene
Concen: 42.243 ng
RT: 16.93 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MSD

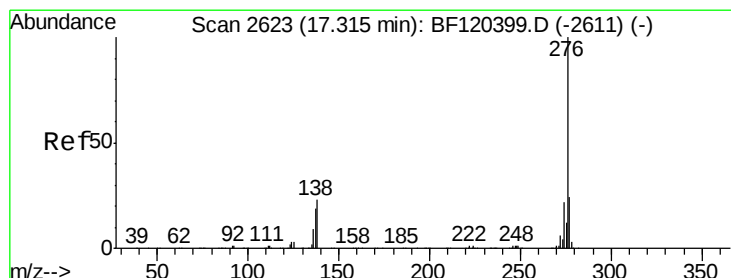
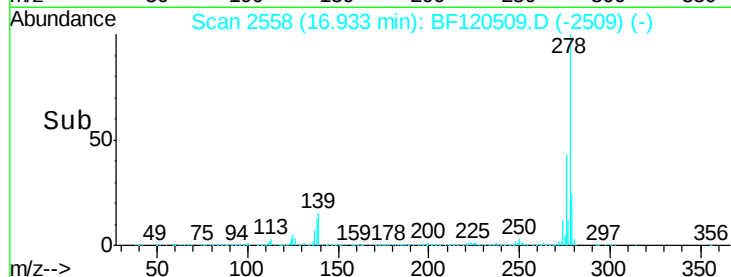
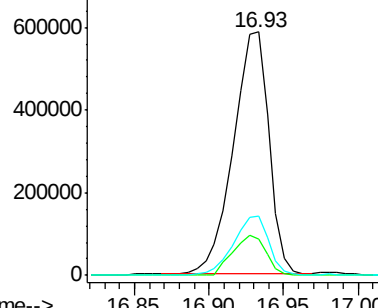
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.6	17.4
279	24.2	19.2	28.8

Manual Integrations
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6/4/2020 12:12:16 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.264 ng
RT: 17.36 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BF120509.D
Acq: 3 Jun 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	21.1	16.6	25.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

