

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120508.D
 Acq On : 3 Jun 2020 14:41
 Operator : JU/CG
 Sample : L2839-22MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

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Quant Time: Jun 03 15:20:16 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	238054	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	899800	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	448757	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	807225	20.00	ng	0.00
76) Chrysene-d12	14.00	240	461293	20.00	ng	0.00
86) Perylene-d12	15.46	264	499612	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	861084	68.93	ng	0.01
7) Phenol-d6	6.47	99	1104412	71.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	802804	58.36	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	336402	80.91	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1499034	56.68	ng	0.00
79) Terphenyl-d14	12.94	244	1420685	68.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	219929	35.543	ng	99
3) Pyridine	3.40	79	506239	29.540	ng	99
4) n-Nitrosodimethylamine	3.36	42	278952	38.464	ng	97
6) Aniline	6.50	93	692573	32.261	ng	98
8) 2-Chlorophenol	6.62	128	600104	42.606	ng	97
9) Benzaldehyde	6.38	77	314674	33.534	ng	98
10) Phenol	6.49	94	700992	41.634	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	593862	42.209	ng	99
12) 1,3-Dichlorobenzene	6.77	146	608820	39.345	ng	97
13) 1,4-Dichlorobenzene	6.85	146	615608	39.875	ng	99
14) 1,2-Dichlorobenzene	7.00	146	575366	40.349	ng	98
15) Benzyl Alcohol	6.98	79	480006	41.358	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	813585	36.680	ng	99
17) 2-Methylphenol	7.09	107	472901	37.547	ng	98
18) Hexachloroethane	7.35	117	226682	40.111	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	369440	37.748	ng	98
20) 3+4-Methylphenols	7.25	107	517519	32.526	ng	94
22) Acetophenone	7.25	105	707621	38.722	ng	98
24) Nitrobenzene	7.42	77	599362	40.449	ng	95
25) Isophorone	7.66	82	1087139	39.322	ng	98
26) 2-Nitrophenol	7.73	139	317356	47.502	ng	91
27) 2,4-Dimethylphenol	7.77	122	516870	44.550	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	685590	41.178	ng	100
29) 2,4-Dichlorophenol	7.98	162	480274	40.983	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	535467	40.717	ng	100
31) Naphthalene	8.15	128	1598060	40.439	ng	99
32) Benzoic acid	7.92	122	381690	44.333	ng	97
33) 4-Chloroaniline	8.19	127	444508	25.380	ng	99
34) Hexachlorobutadiene	8.26	225	311232	39.926	ng	99
35) Caprolactam	8.56	113	157286m	41.443	ng	
36) 4-Chloro-3-methylphenol	8.68	107	481933	40.535	ng	99
37) 2-Methylnaphthalene	8.83	142	1072913	40.990	ng	99
38) 1-Methylnaphthalene	8.93	142	1014769	41.072	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	505291	43.907	ng	98

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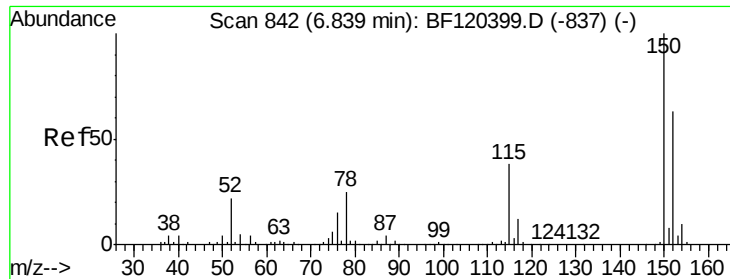
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	477515	74.347	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	351332	42.212	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	375369	39.787	nq	98
46) 1,1'-Biphenyl	9.30	154	1281087	43.457	nq	100
47) 2-Chloronaphthalene	9.32	162	996526	41.052	nq	98
48) 2-Nitroaniline	9.42	65	305153	41.272	nq	95
49) Acenaphthylene	9.74	152	1564914	41.717	nq	99
50) Dimethylphthalate	9.60	163	1337590	47.677	nq	99
51) 2,6-Dinitrotoluene	9.66	165	261539	41.949	nq	92
52) Acenaphthene	9.91	154	1025692m	43.811	nq	
53) 3-Nitroaniline	9.83	138	185600	25.350	nq	99
54) 2,4-Dinitrophenol	9.94	184	229233	90.220	nq	98
55) Dibenzofuran	10.08	168	1365018	40.121	nq	99
56) 4-Nitrophenol	10.00	139	440405	78.571	nq	98
57) 2,4-Dinitrotoluene	10.07	165	339810	42.586	nq	92
58) Fluorene	10.43	166	998552	39.111	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	299206	40.698	nq	100
60) Diethylphthalate	10.30	149	1135463	40.051	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	503340	36.363	nq	97
62) 4-Nitroaniline	10.45	138	253003	36.604	nq	99
63) Azobenzene	10.57	77	1032896	38.733	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	157717	53.567	nq	96
66) n-Nitrosodiphenylamine	10.53	169	946556	42.213	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	333539	40.934	nq	96
68) Hexachlorobenzene	10.97	284	366312	42.214	nq	97
69) Atrazine	11.06	200	251634	39.814	nq	99
70) Pentachlorophenol	11.17	266	394600	74.376	nq	98
71) Phenanthrene	11.39	178	1530705	43.035	nq	100
72) Anthracene	11.44	178	1519644	42.582	nq	100
73) Carbazole	11.59	167	1339552	38.807	nq	100
74) Di-n-butylphthalate	11.92	149	1677188	41.769	nq	100
75) Fluoranthene	12.57	202	1694374	44.271	nq	99
77) Benzidine	12.69	184	452562	37.339	nq	97
78) Pyrene	12.80	202	1612820	50.275	nq	99
80) Butylbenzylphthalate	13.42	149	621584	46.412	nq	94
81) Benzo(a)anthracene	13.99	228	1162816	47.034	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	308783	34.402	nq	99
83) Chrysene	14.03	228	1119313	43.186	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	809484	51.490	nq	100
85) Di-n-octyl phthalate	14.59	149	1295254	47.614	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1223266	44.766	nq	100
88) Benzo(b)fluoranthene	15.04	252	1206764	43.487	nq	100
89) Benzo(k)fluoranthene	15.07	252	974571	37.620	nq	99
90) Benzo(a)pyrene	15.40	252	1036452	42.700	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	972966	43.673	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1016816	46.276	nq	100

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



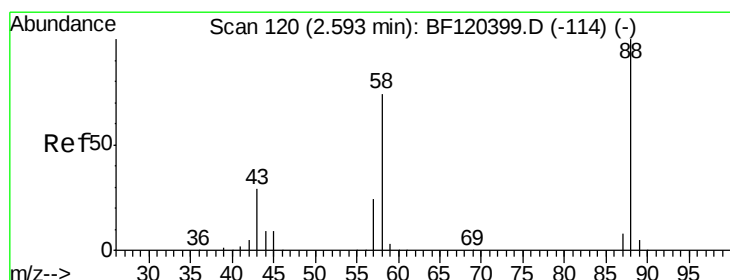
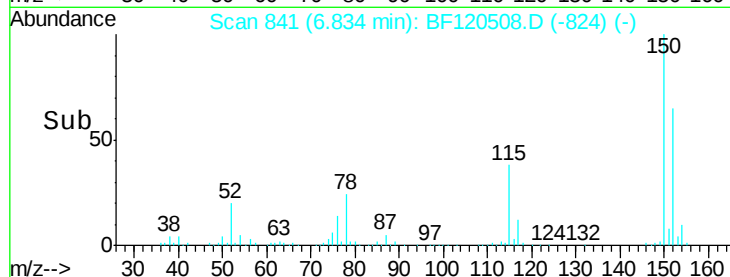
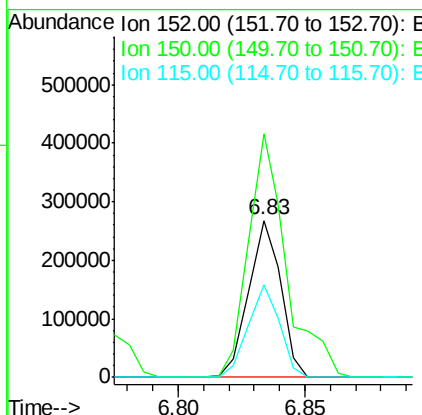
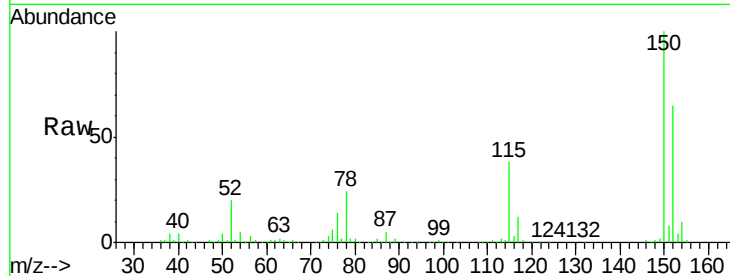
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.1	190.7
115	58.8	48.7	73.1

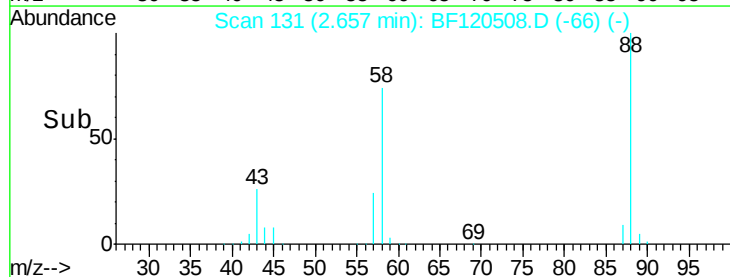
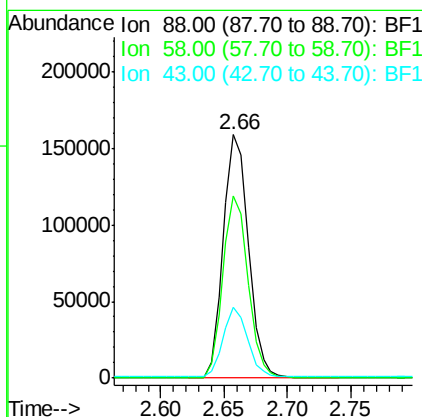
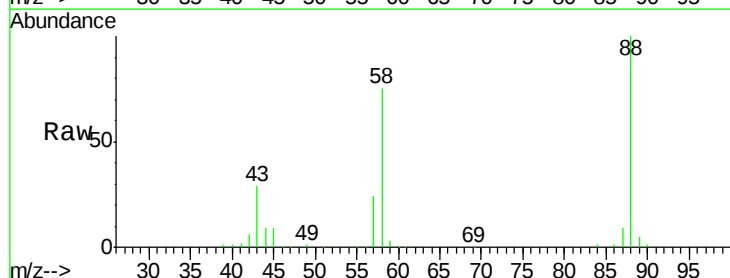
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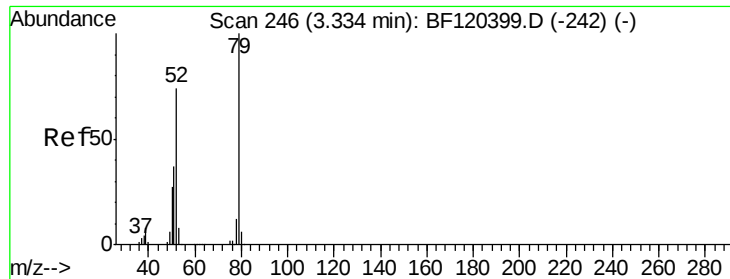
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#2
 1,4-Dioxane
 Concen: 35.543 ng
 RT: 2.66 min Scan# 131
 Delta R.T. 0.08 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	59.7	89.5
43	28.0	23.0	34.6





#3

Pvridine

Concen: 29.540 ng

RT: 3.40 min Scan# 258

Delta R.T. 0.08 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

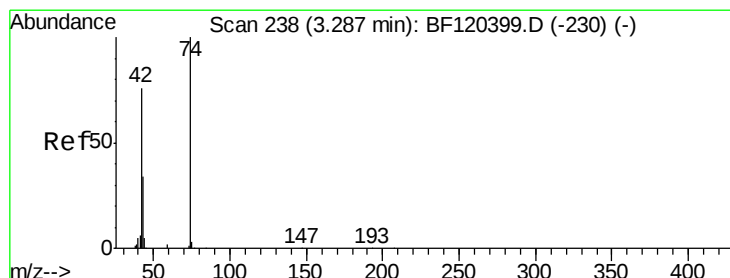
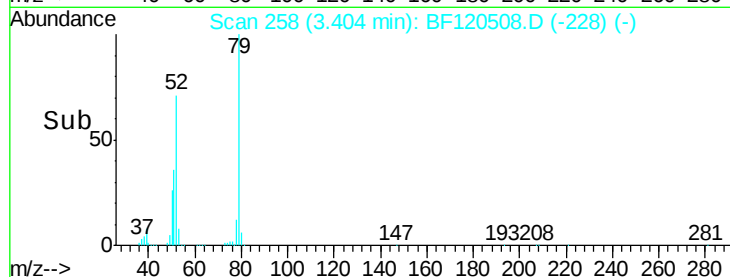
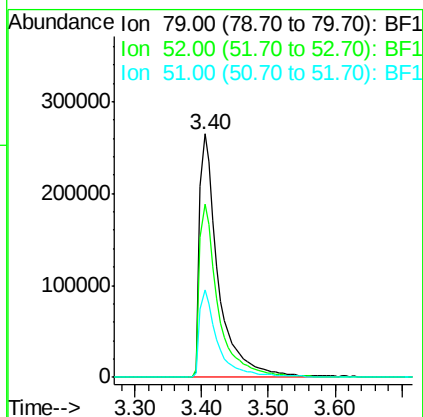
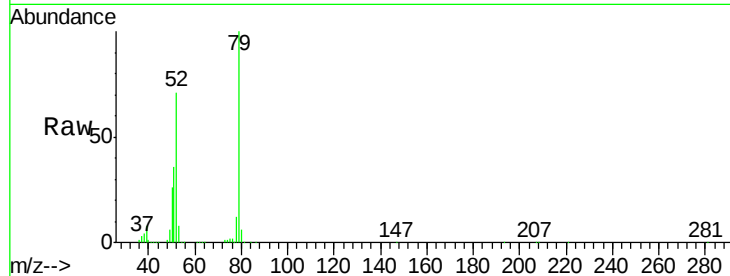
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	79	Resp:	506239
Ion Ratio	Lower	Upper	
79	100		
52	71.2	57.4	86.0
51	35.8	27.5	41.3

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#4

n-Nitrosodimethylamine

Concen: 38.464 ng

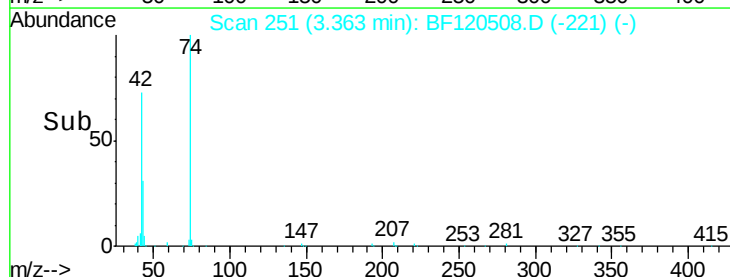
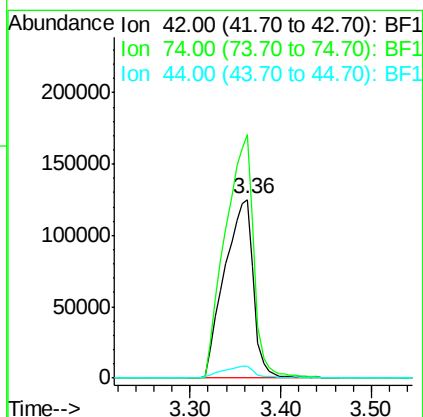
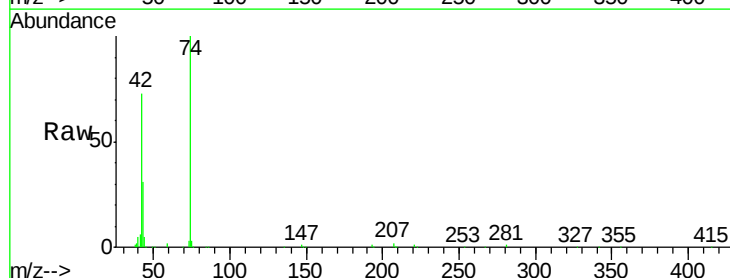
RT: 3.36 min Scan# 251

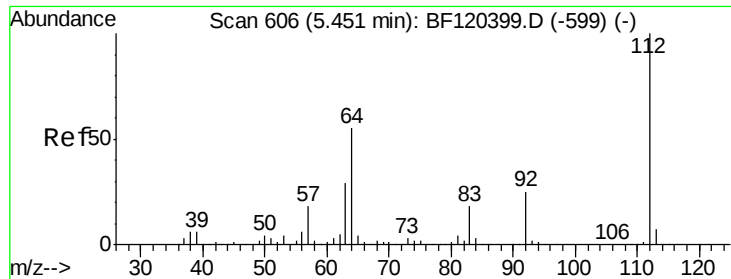
Delta R.T. 0.08 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	42	Resp:	278952
Ion Ratio	Lower	Upper	
42	100		
74	136.5	106.3	159.5
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 68.934 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

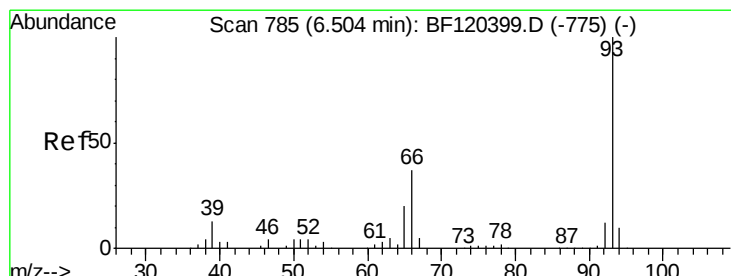
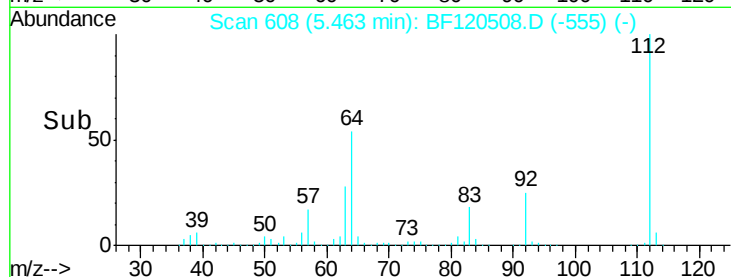
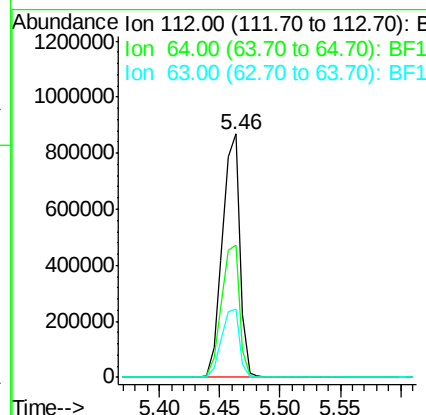
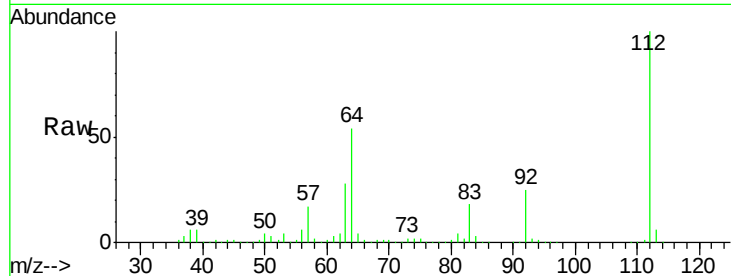
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	112	Resp:	861084
Ion Ratio	Lower	Upper	
112	100		
64	54.2	45.8	68.8
63	28.2	23.7	35.5

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#6

Aniline

Concen: 32.261 ng

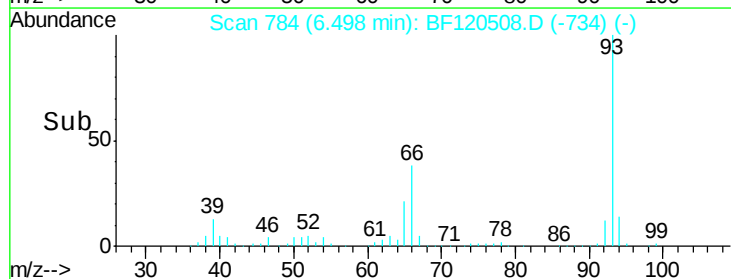
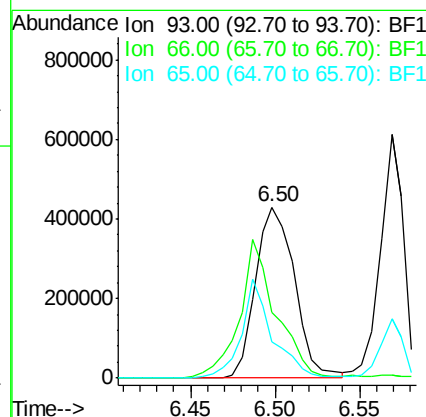
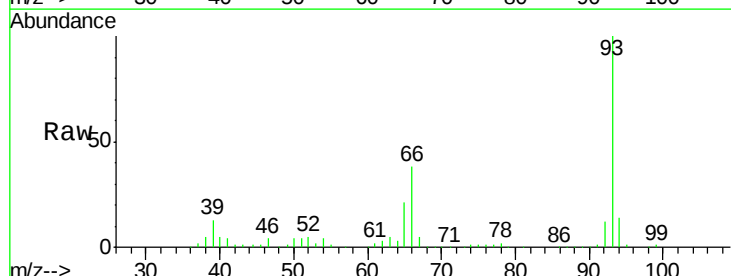
RT: 6.50 min Scan# 784

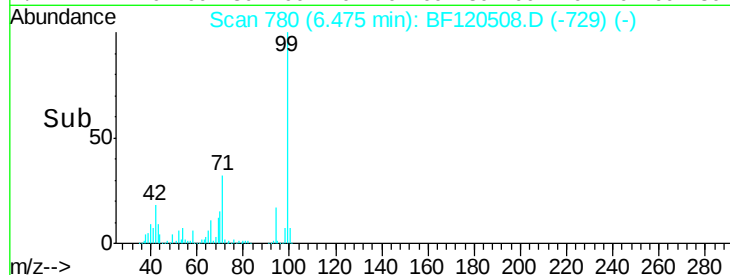
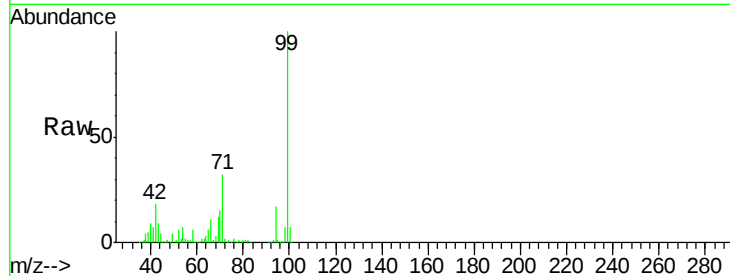
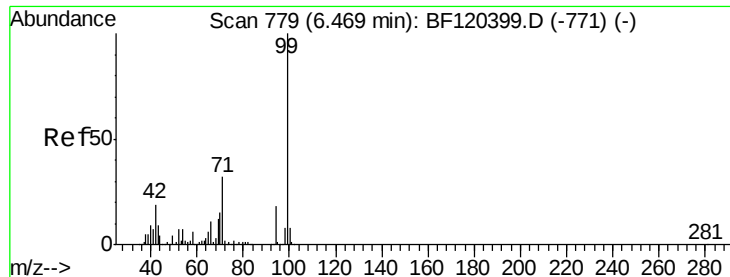
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	93	Resp:	692573
Ion Ratio	Lower	Upper	
93	100		
66	38.5	29.9	44.9
65	21.0	15.5	23.3





#7

Phenol-d6

Concen: 71.731 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tot Ion:	99	Resp:	1104412
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	32.5	26.3	39.5

Instrument :

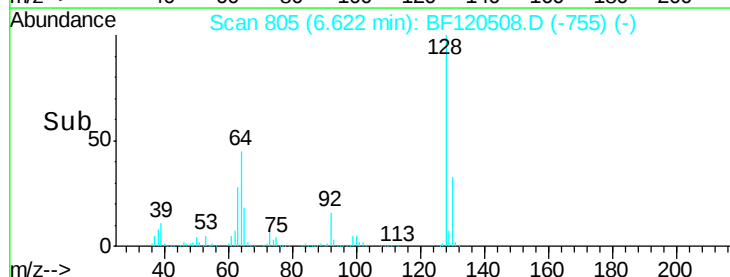
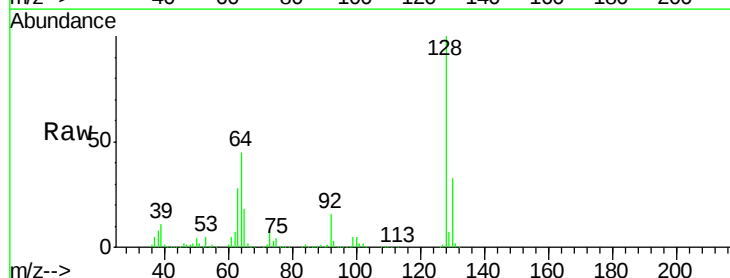
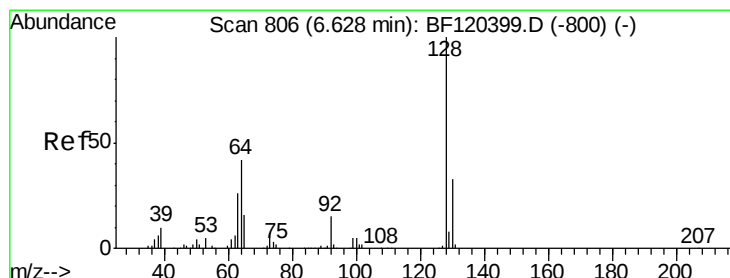
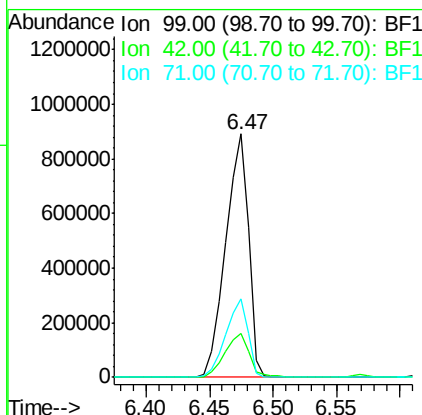
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#8

2-Chlorophenol

Concen: 42.606 ng

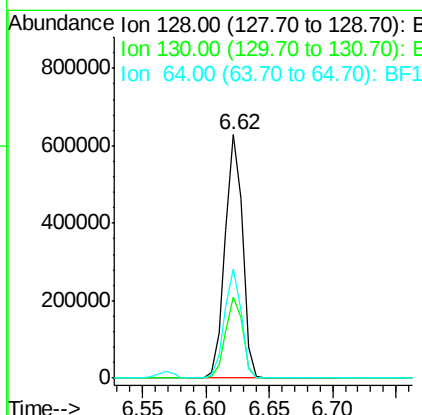
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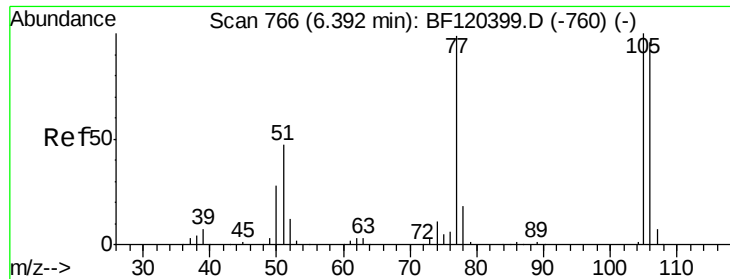
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	128	Resp:	600104
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.4	53.4
64	44.9	21.5	61.5





#9

Benzaldehyde

Concen: 33.534 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

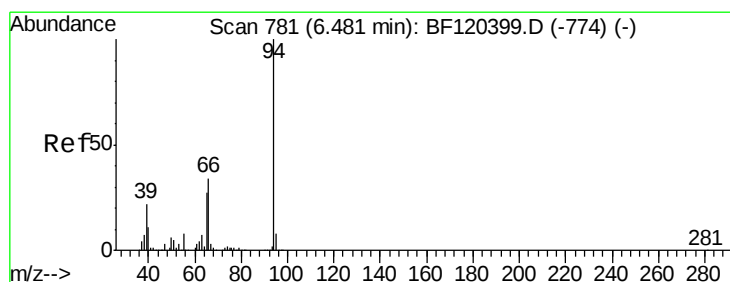
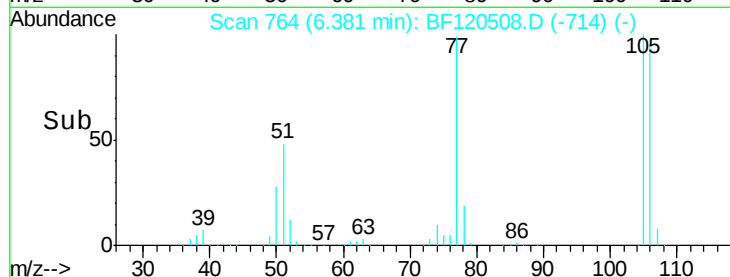
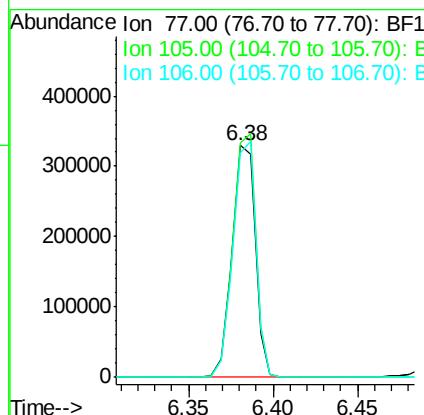
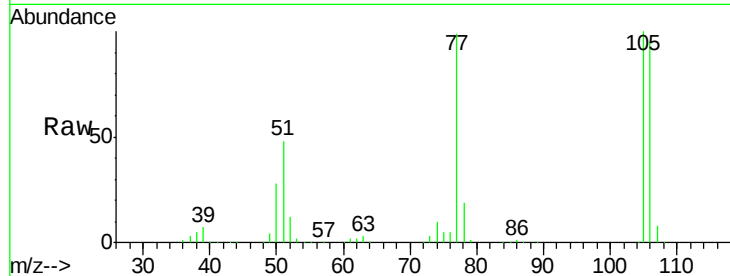
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	77	Resp:	314674
Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.2	123.2
106	96.7	78.9	118.9

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#10

Phenol

Concen: 41.634 ng

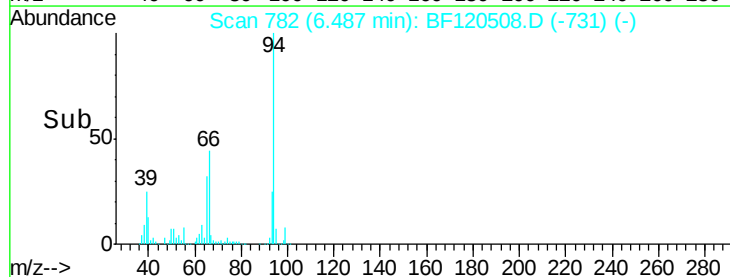
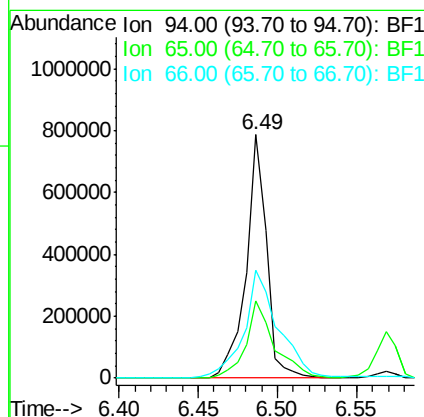
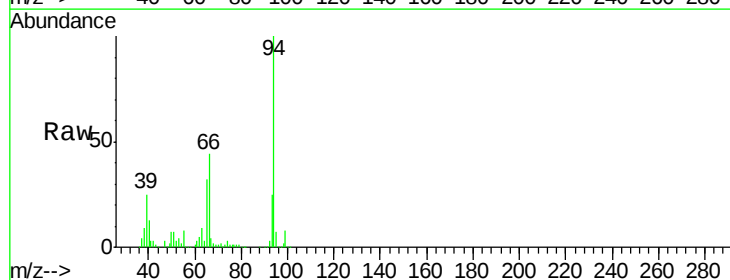
RT: 6.49 min Scan# 782

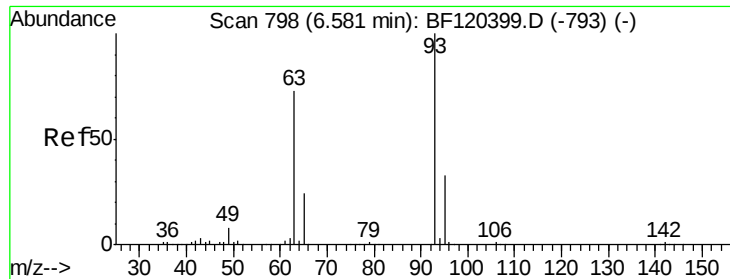
Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	94	Resp:	700992
Ion	Ratio	Lower	Upper
94	100		
65	31.8	14.2	54.2
66	44.2	27.5	67.5





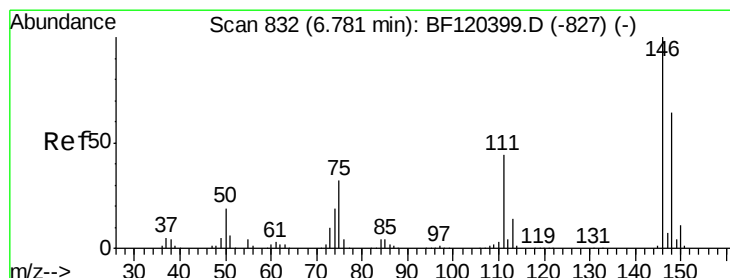
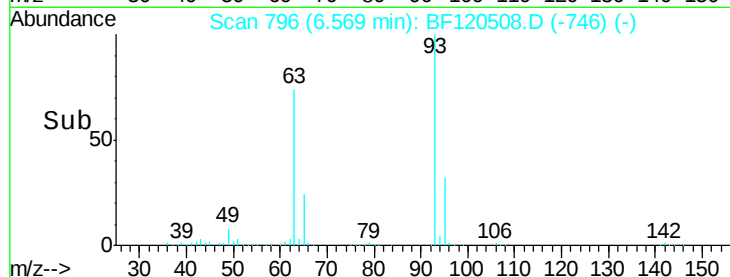
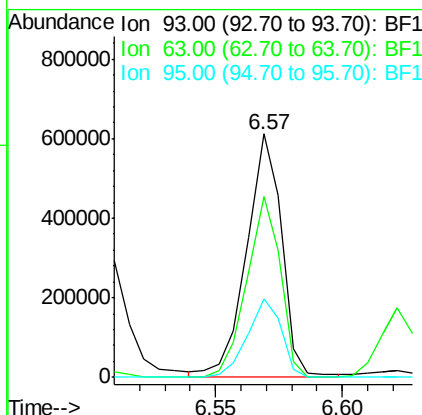
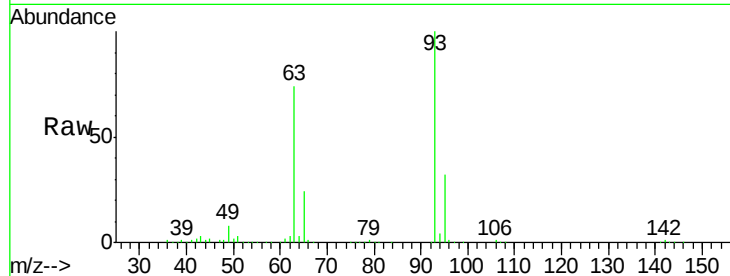
#11
bis(2-Chloroethyl)ether
Concen: 42.209 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	593862		
63	74.4		54.8	94.8
95	32.3		12.7	52.7

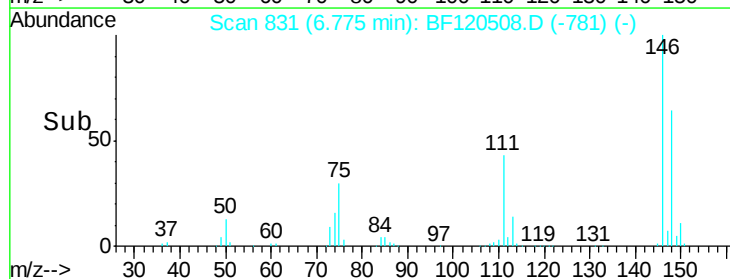
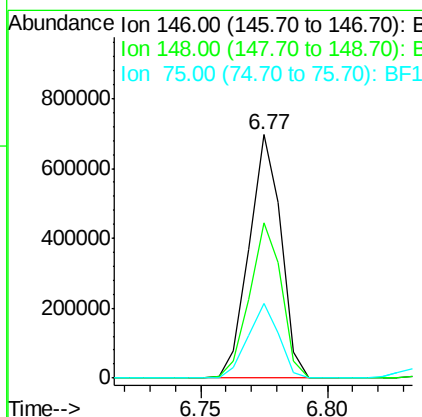
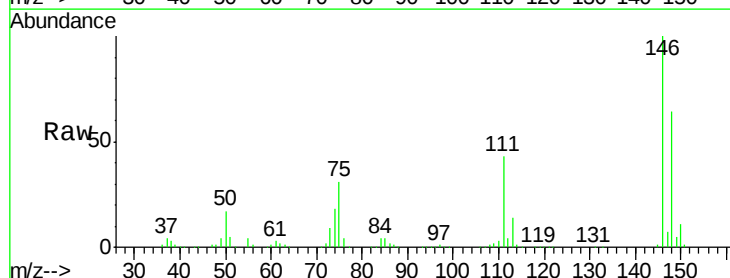
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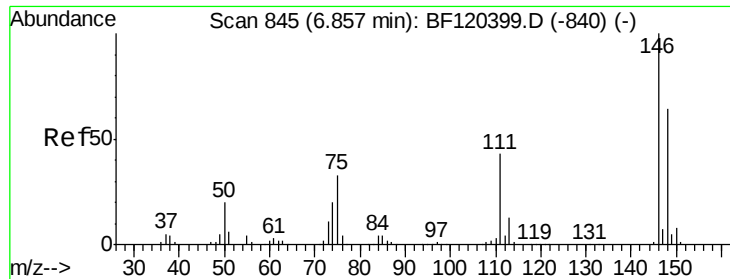
mohammad
6/4/2020 12:12:13 PM



#12
1,3-Dichlorobenzene
Concen: 39.345 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	608820		
148	63.9		51.9	77.9
75	30.7		22.2	33.2





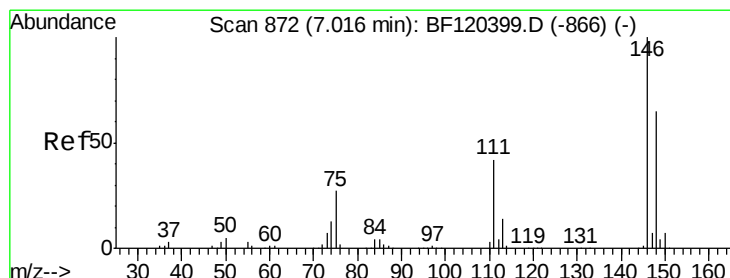
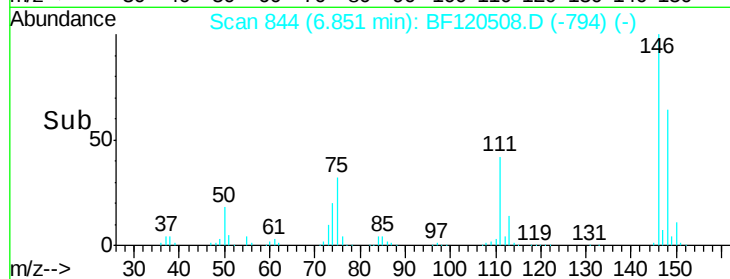
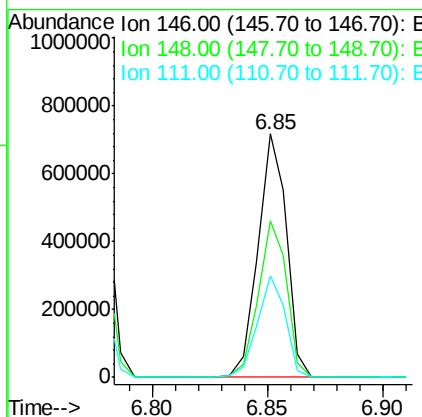
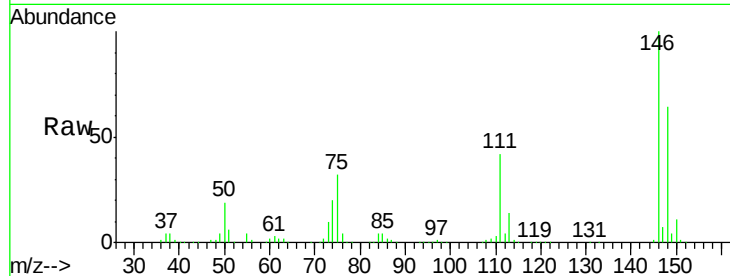
#13
1,4-Dichlorobenzene
Concen: 39.875 ng
RT: 6.85 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	41.9	32.2	48.2

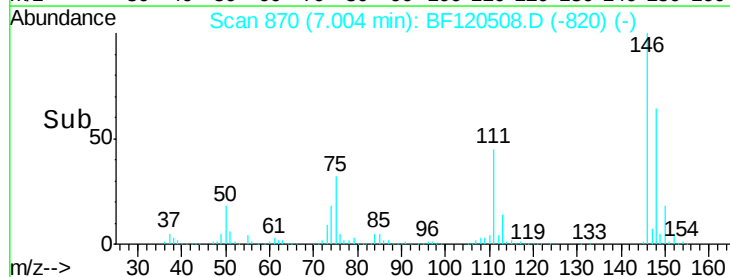
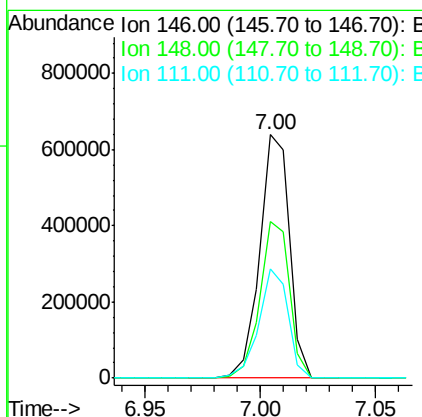
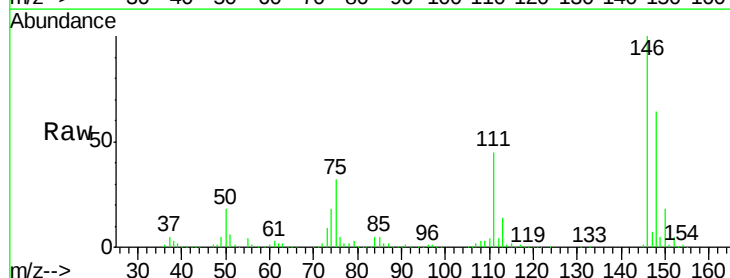
Manual Integrations
APPROVED

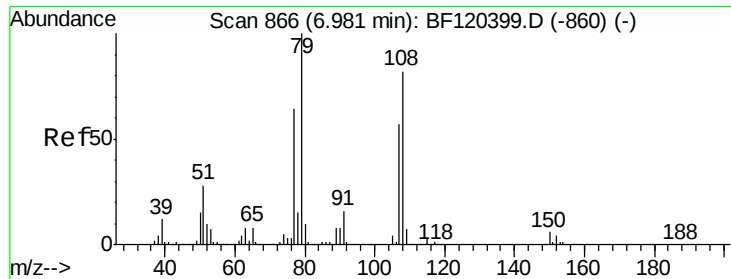
mohammad
6/4/2020 12:12:13 PM



#14
1,2-Dichlorobenzene
Concen: 40.349 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	44.7	34.6	52.0





#15

Benzyl Alcohol

Concen: 41.358 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

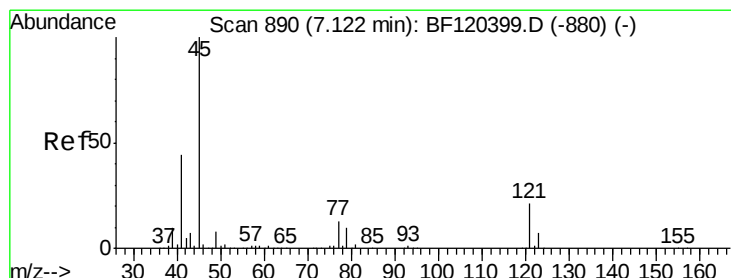
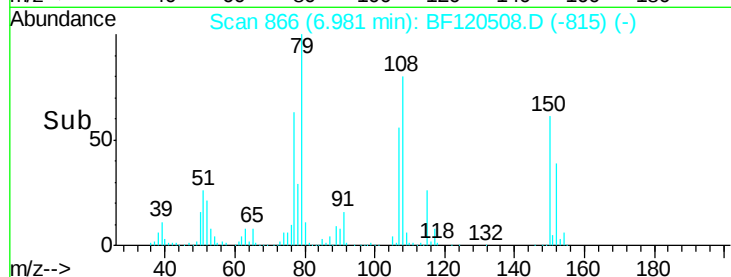
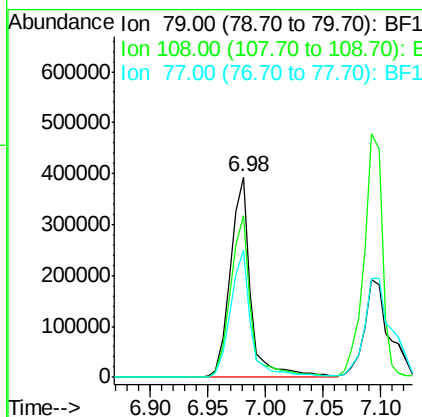
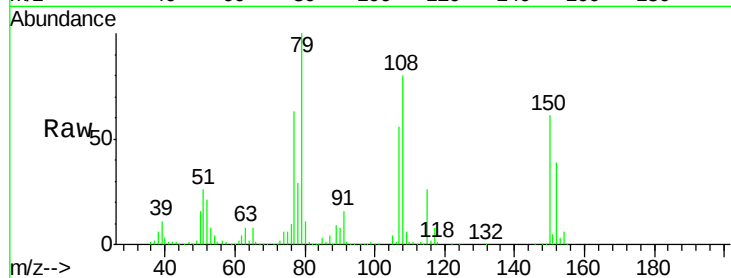
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	79	Resp:	480006
Ion	Ratio	Lower	Upper
79	100		
108	80.4	64.6	96.8
77	63.1	50.2	75.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.680 ng

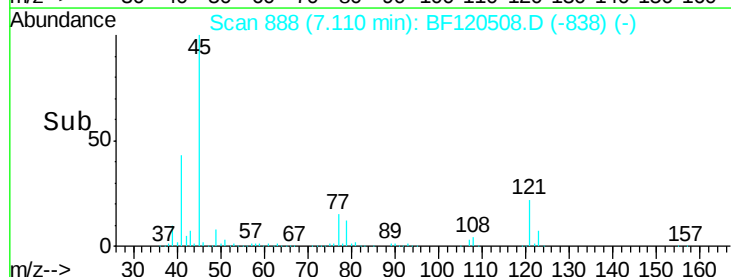
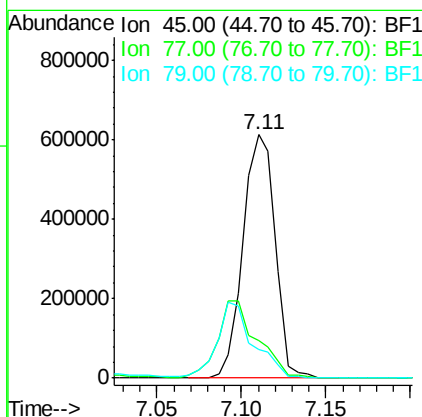
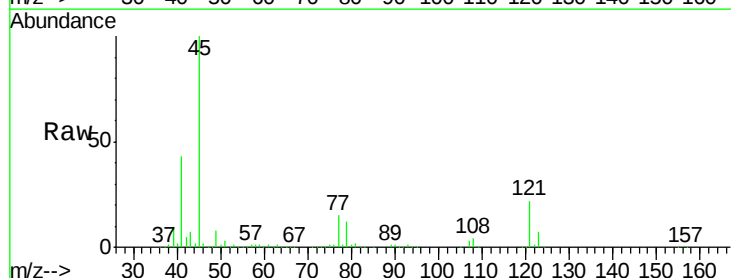
RT: 7.11 min Scan# 888

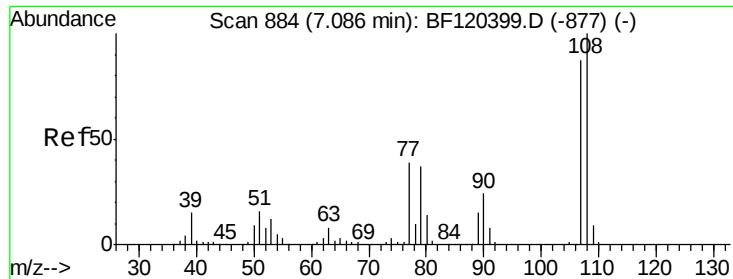
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	45	Resp:	813585
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.3
79	11.6	0.0	31.4





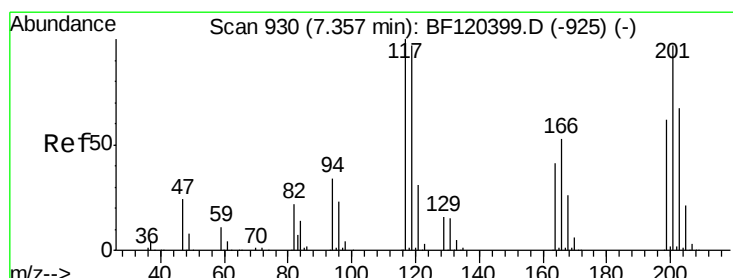
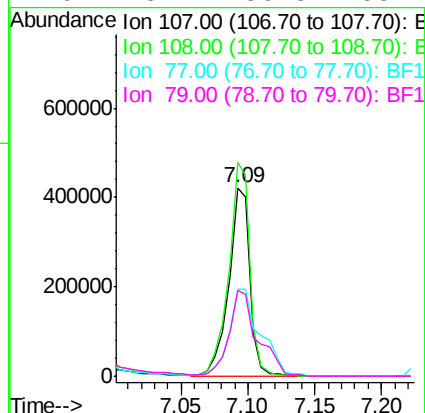
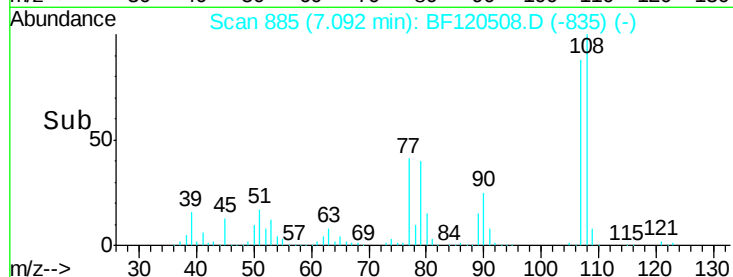
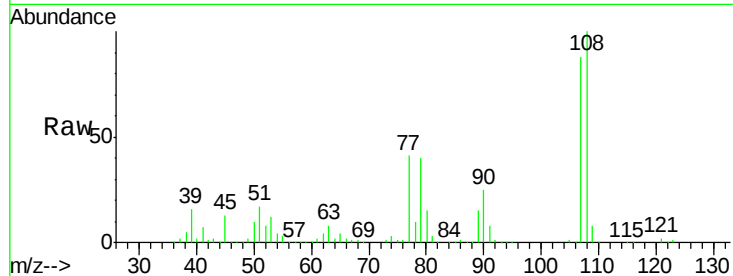
#17
2-Methylphenol
Concen: 37.547 ng
RT: 7.09 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	472901		
108	113.2	91.9	137.9	
77	46.2	38.2	57.2	
79	45.2	36.8	55.2	

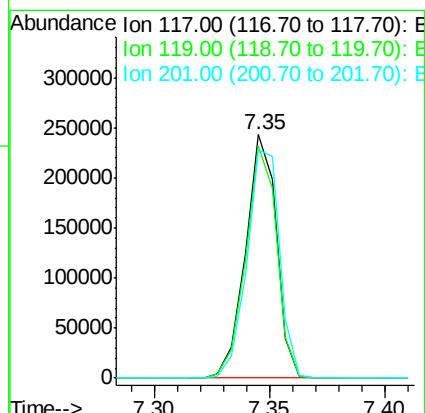
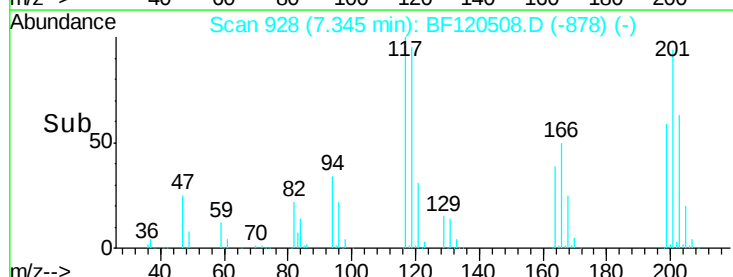
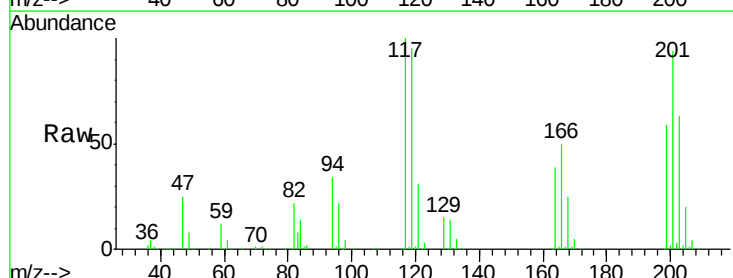
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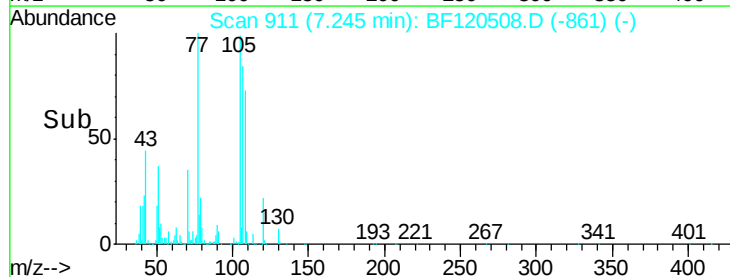
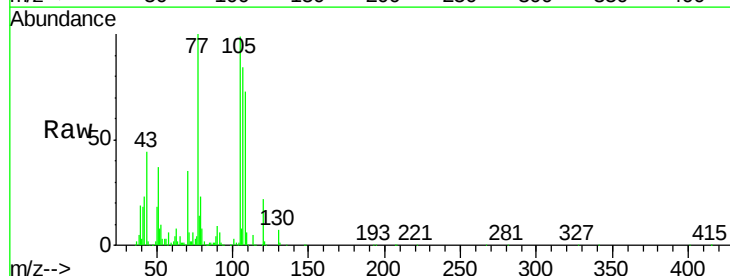
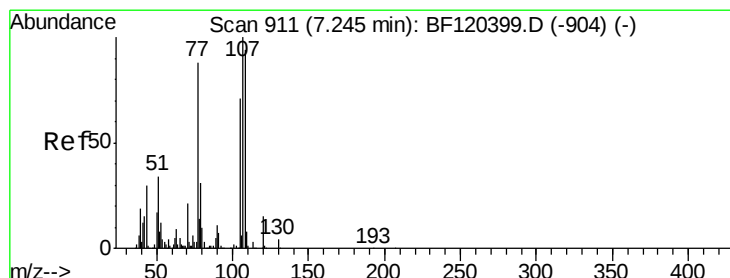
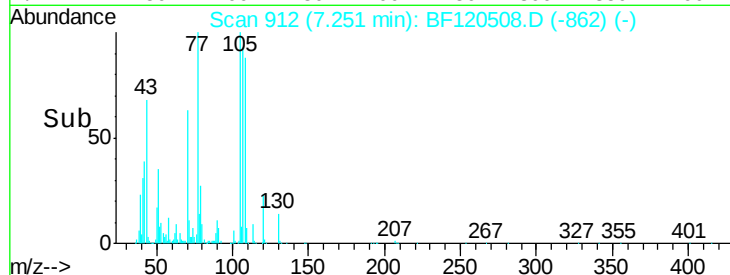
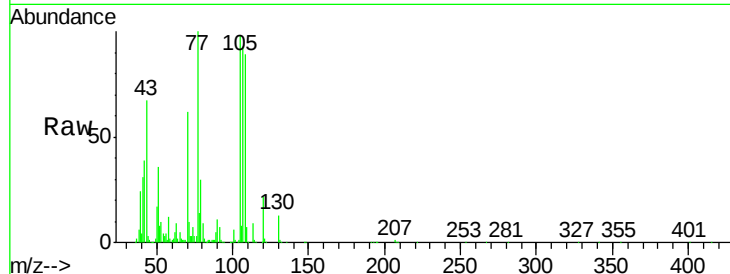
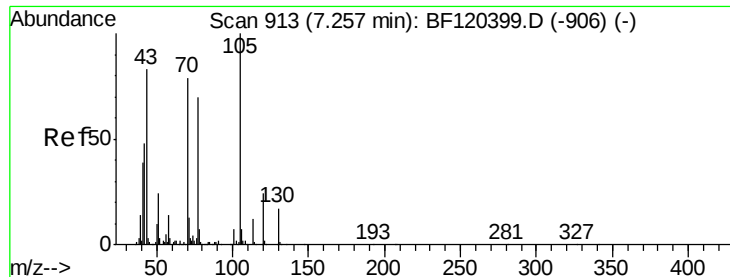
mohammad
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#18
Hexachloroethane
Concen: 40.111 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

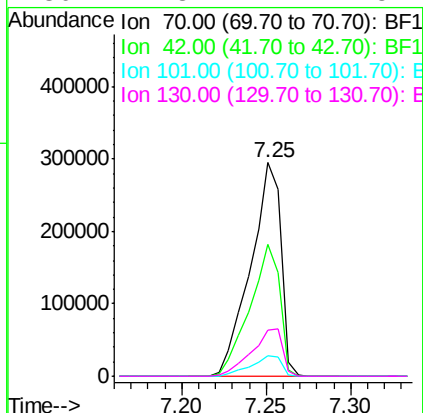
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	226682		
119	95.2	78.0	117.0	
201	93.8	84.8	127.2	





#19
n-Nitroso-di-n-propylamine
Concen: 37.748 ng
RT: 7.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		369440		
42	62.0	47.6		71.4	
101	9.4	7.4		11.0	
130	21.3	17.1		25.7	



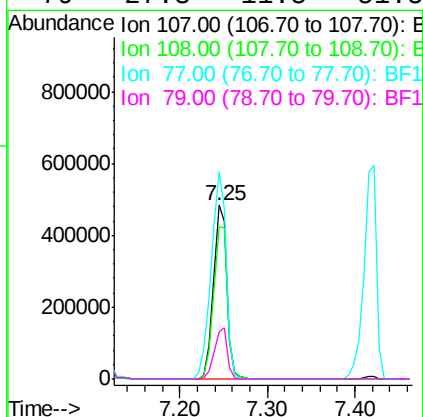
Instrument :
BNA_F
ClientSampleId :
NM34-COMP-2020-0-6MS

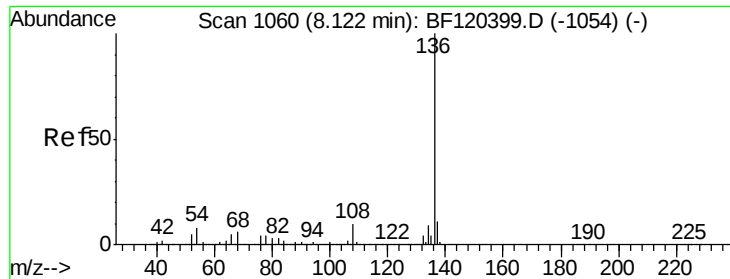
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#20
3+4-Methylphenols
Concen: 32.526 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		517519		
108	87.8	74.8		114.8	
77	119.5	95.2		135.2	
79	27.3	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: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

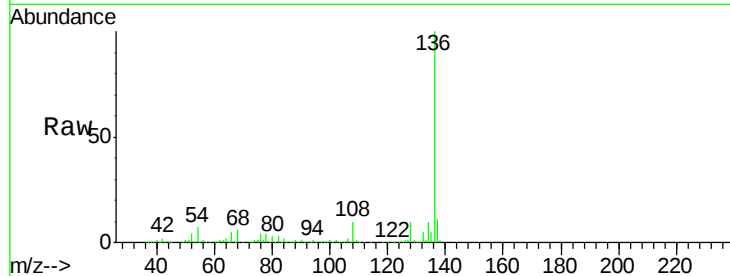
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	899800		
137	11.0		9.0	13.4
54	7.2		6.0	9.0
68	5.8		4.8	7.2

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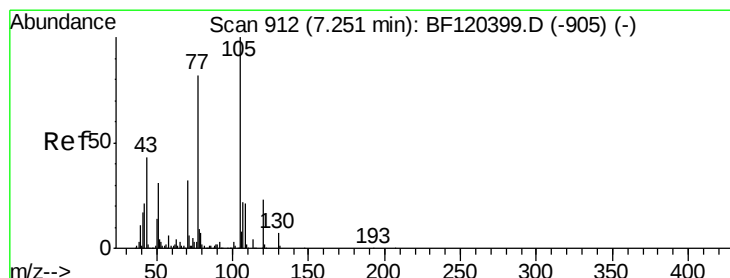
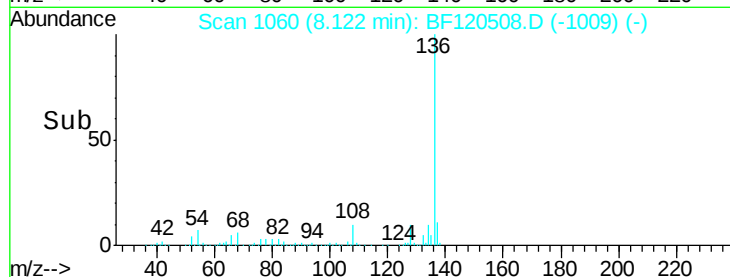
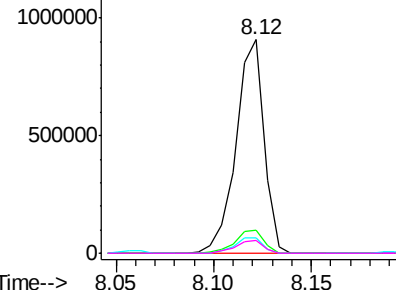


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.722 ng

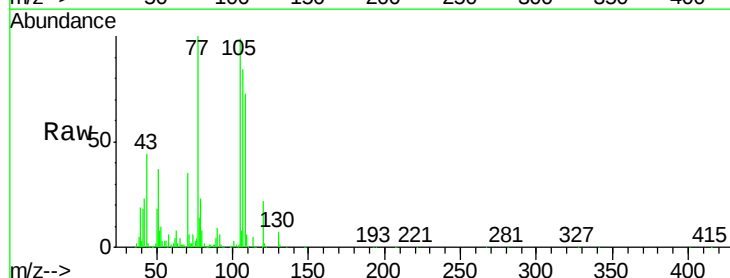
RT: 7.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	707621		
71	6.1		5.3	7.9
51	37.9		31.4	47.0
120	22.4		17.7	26.5

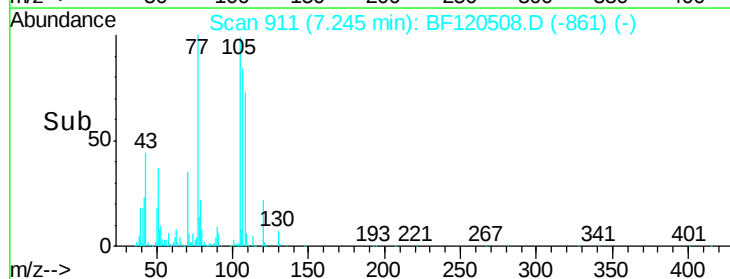
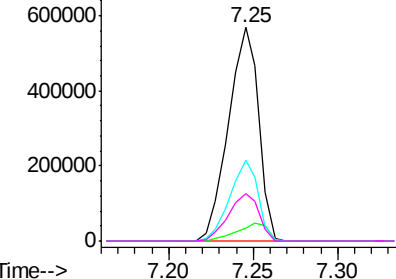


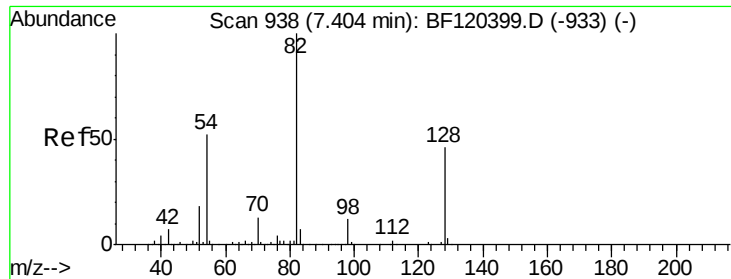
Abundance Ion 105.00 (104.70 to 105.70): E

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





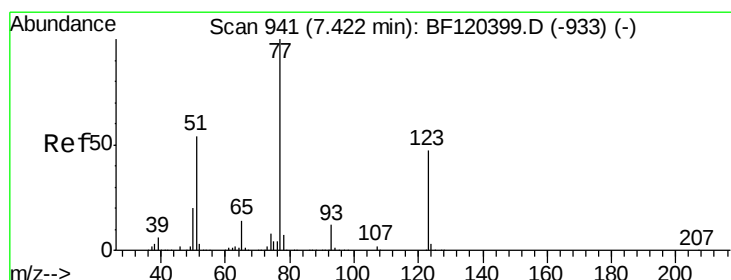
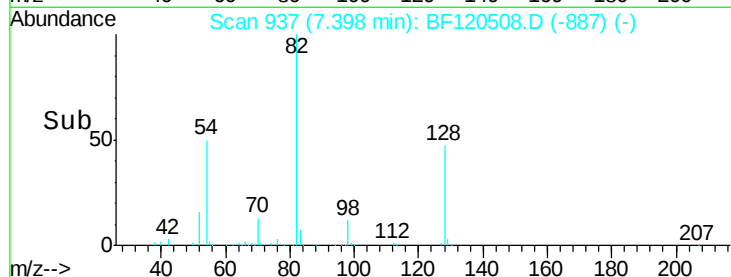
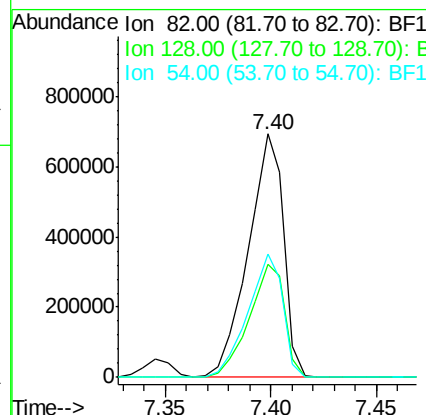
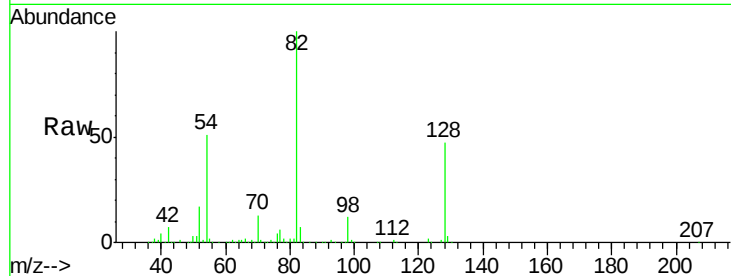
#23
 Nitrobenzene-d5
 Concen: 58.362 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	802804		
128	46.6		37.4	56.0
54	50.6		40.7	61.1

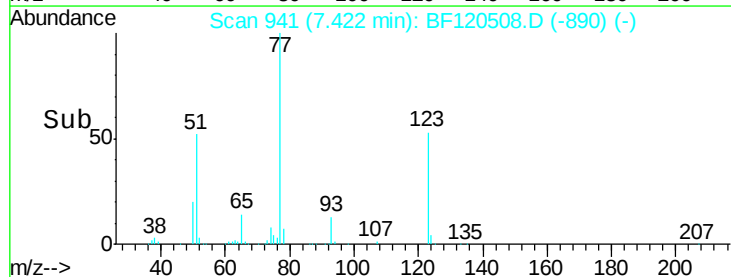
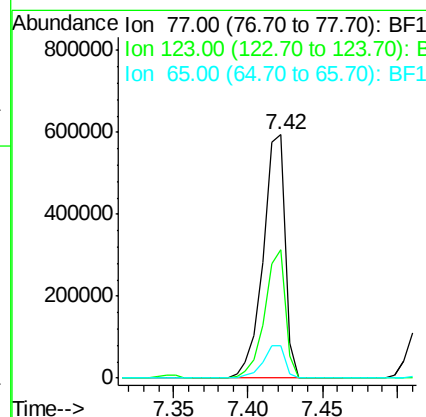
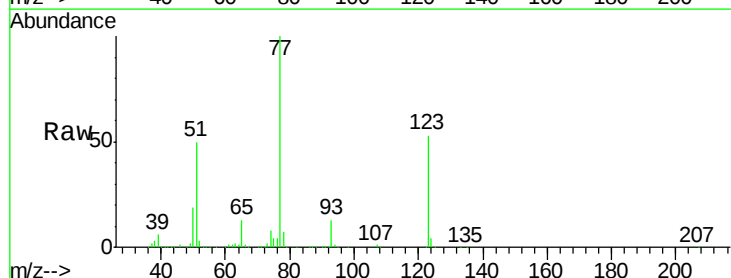
Manual Integrations
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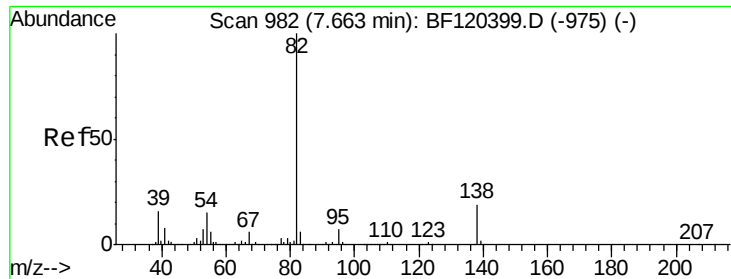
mohammad
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#24
 Nitrobenzene
 Concen: 40.449 ng
 RT: 7.42 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	599362		
123	52.7		39.0	58.6
65	13.4		11.0	16.6





#25

Isophorone

Concen: 39.322 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion: 82 Resp: 1087139

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

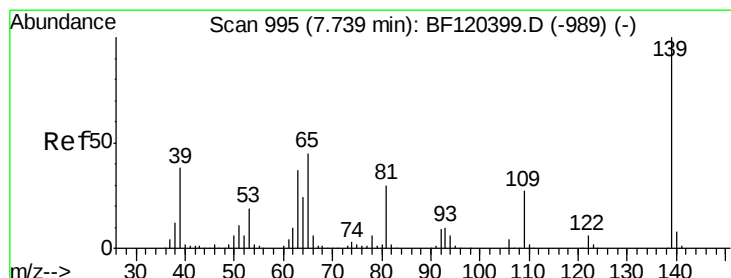
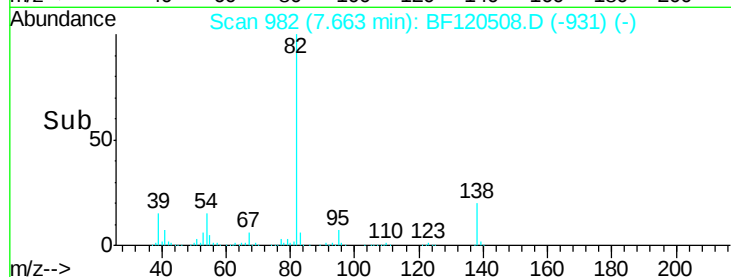
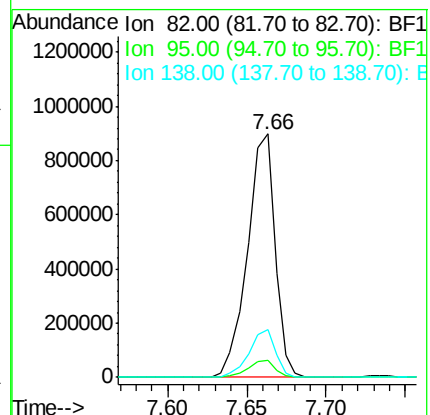
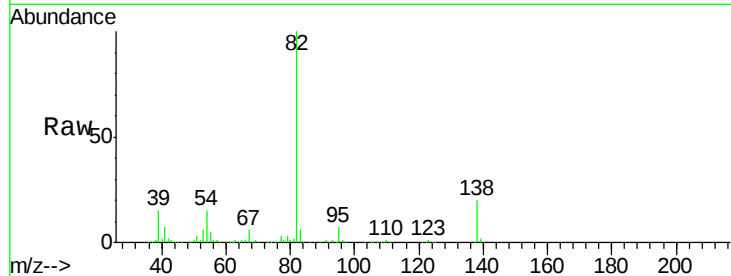
138 19.7 15.0 22.6

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.502 ng

RT: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

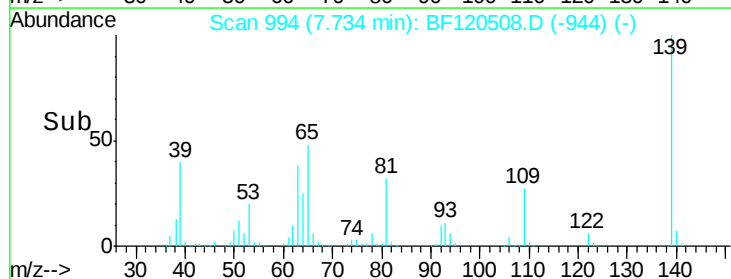
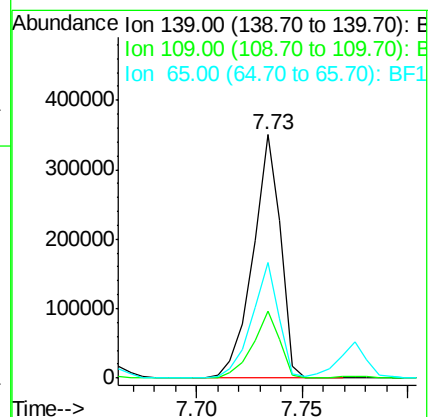
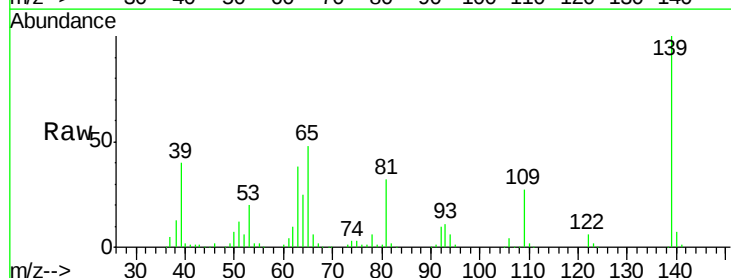
Tgt Ion: 139 Resp: 317356

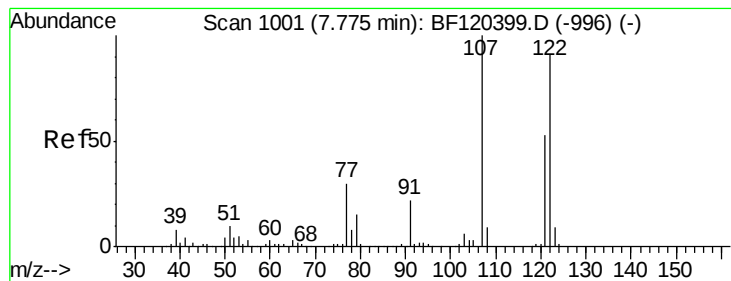
Ion Ratio Lower Upper

139 100

109 27.3 19.7 29.5

65 47.5 32.8 49.2





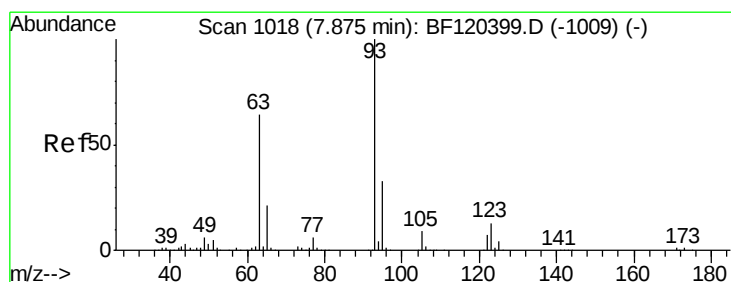
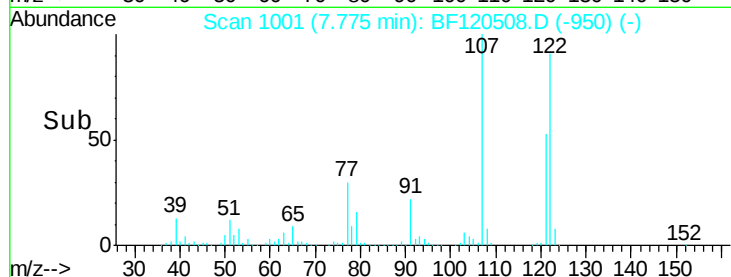
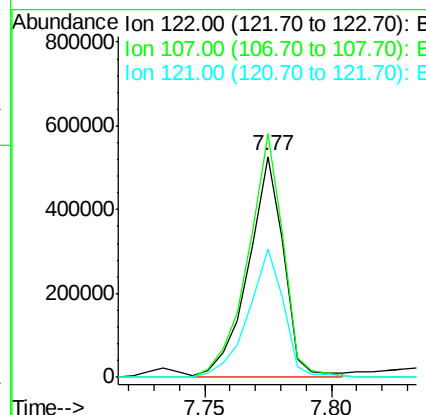
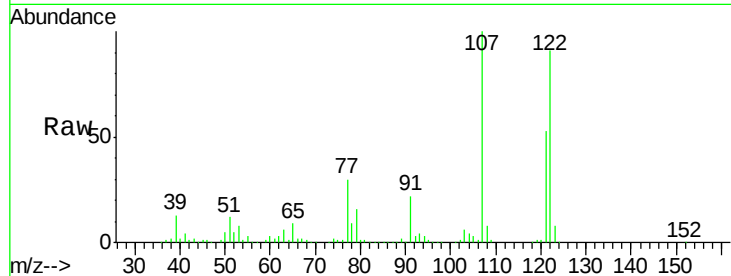
#27
2,4-Dimethylphenol
Concen: 44.550 ng
RT: 7.77 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	88.4	132.6
121	58.0	46.1	69.1

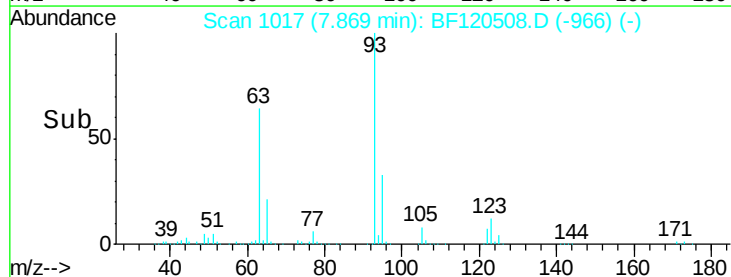
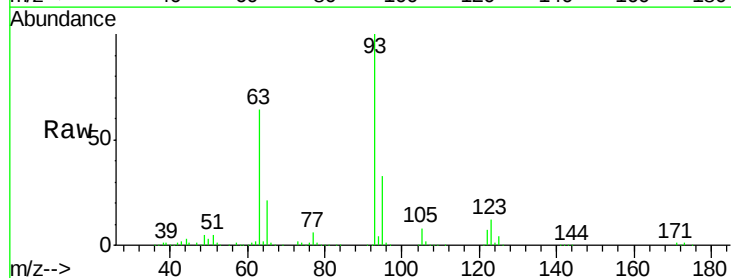
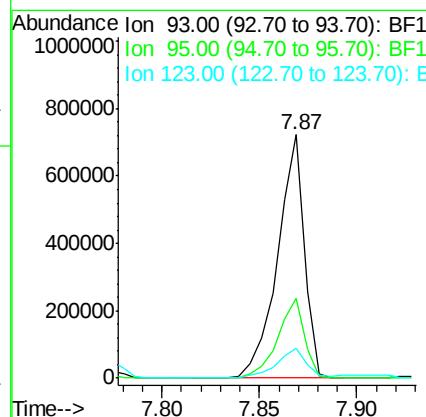
Manual Integrations
APPROVED

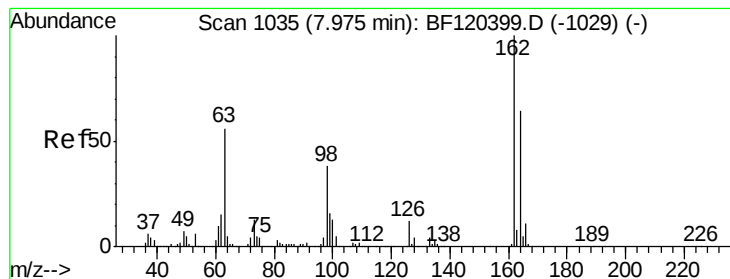
mohammad
6/4/2020 12:12:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.178 ng
RT: 7.87 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	12.3	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 40.983 ng

RT: 7.98 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

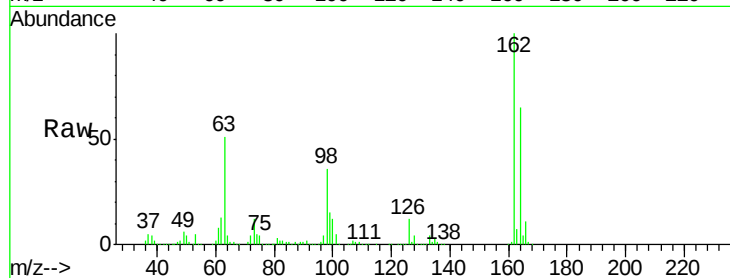
ClientSampleId :

NM34-COMP-2020-0-6MS

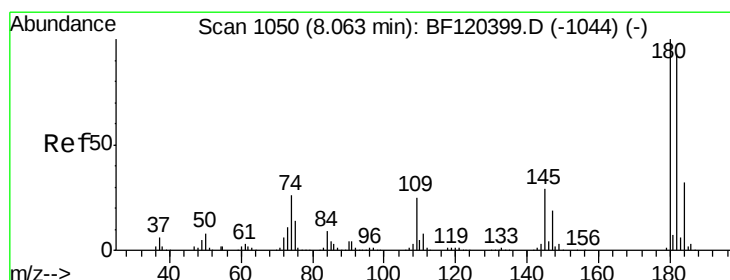
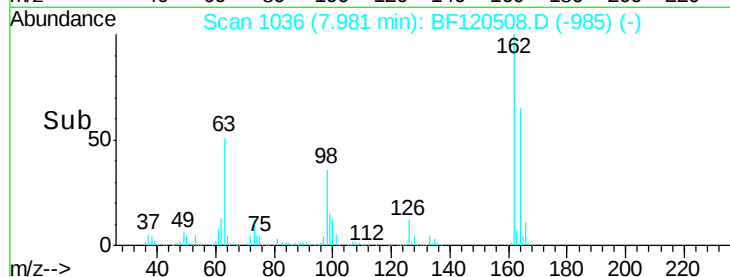
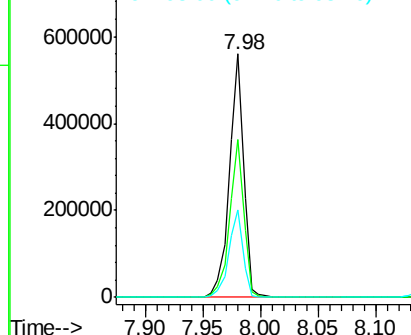
Tot Ion:	162	Resp:	480274
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.4	84.4
98	35.7	16.5	56.5

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.717 ng

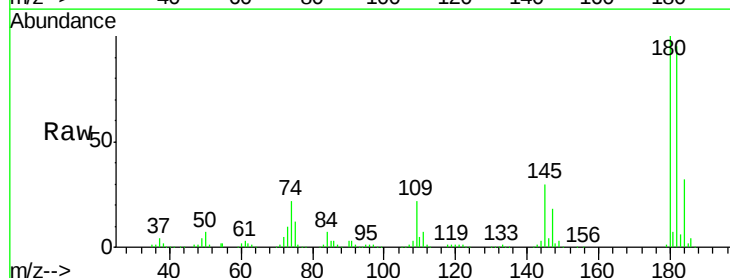
RT: 8.06 min Scan# 1050

Delta R.T. 0.00 min

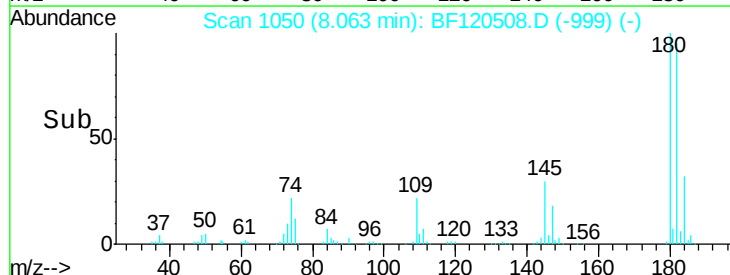
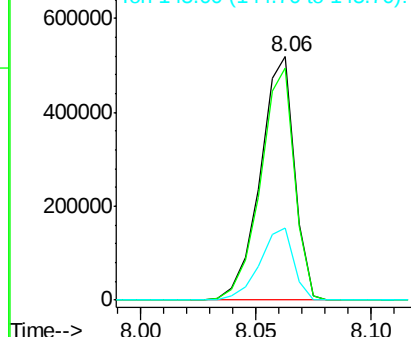
Lab File: BF120508.D

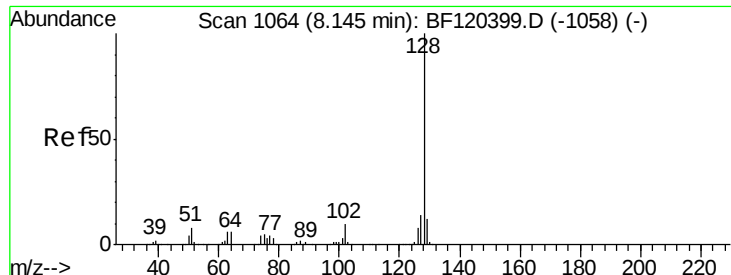
Acq: 3 Jun 2020 14:41

Tgt Ion:	180	Resp:	535467
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.7	113.5
145	29.5	23.5	35.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





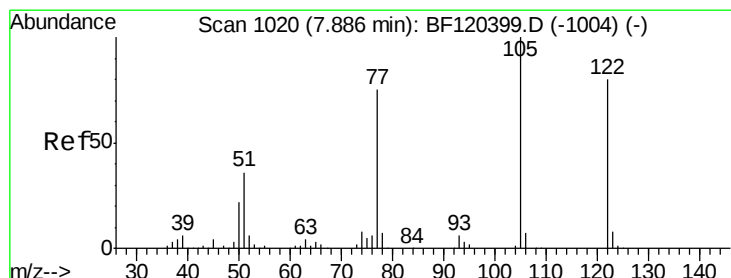
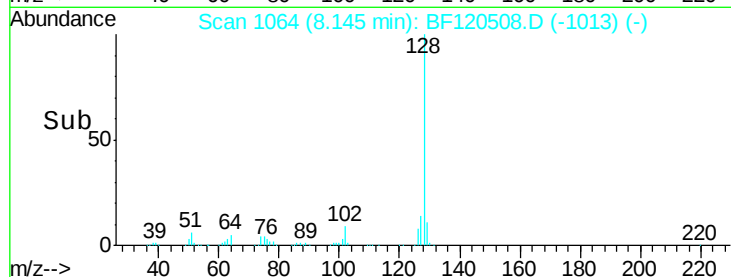
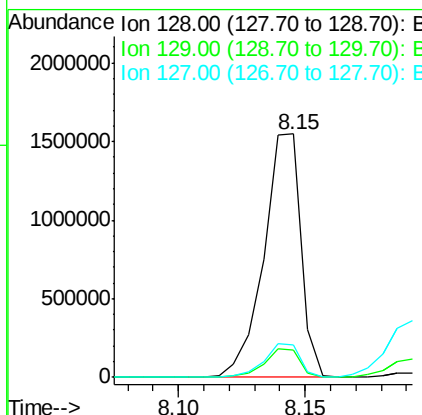
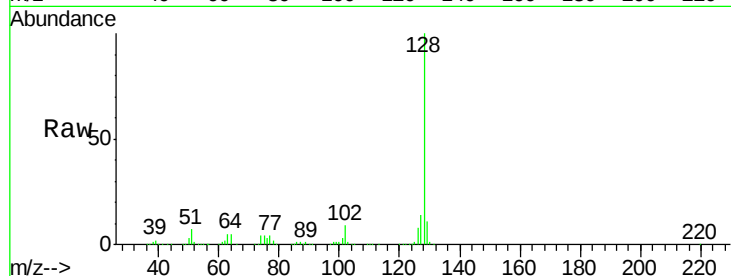
#31
Naphthalene
Concen: 40.439 ng
RT: 8.15 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.6	11.0	16.6

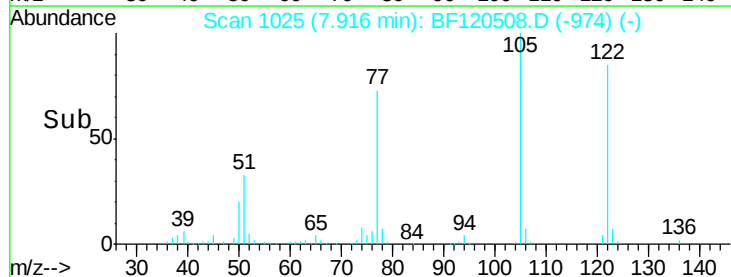
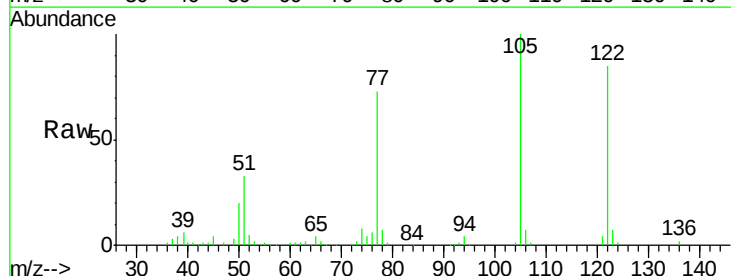
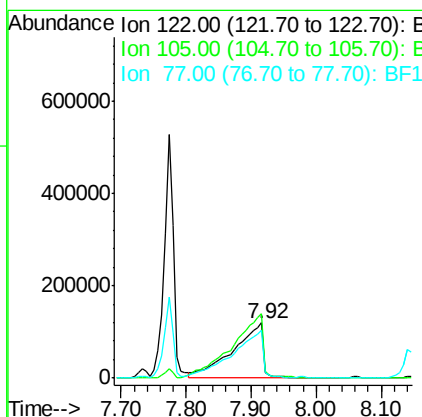
Manual Integrations
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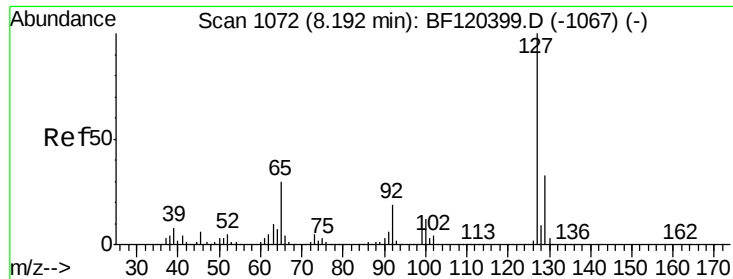
mohammad
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#32
Benzoic acid
Concen: 44.333 ng
RT: 7.92 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	100.7	140.7
77	86.0	68.3	108.3





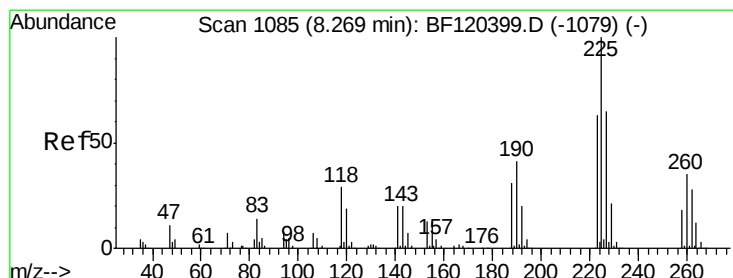
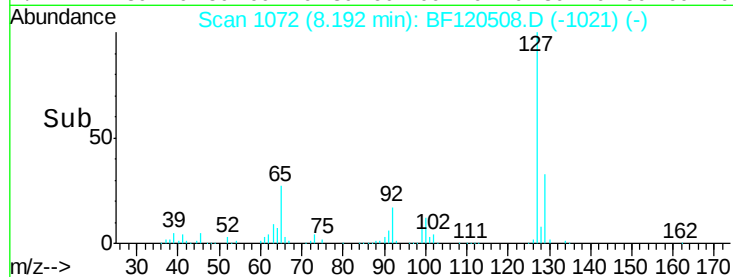
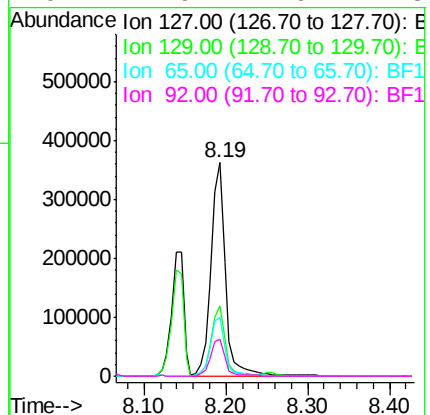
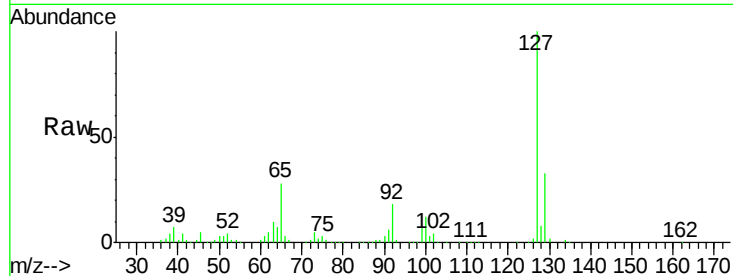
#33
4-Chloroaniline
Concen: 25.380 ng
RT: 8.19 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		444508		
129	32.9	25.8	38.8		
65	27.9	22.7	34.1		
92	17.6	14.6	21.8		

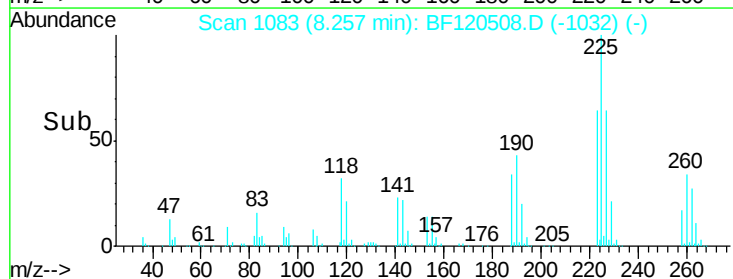
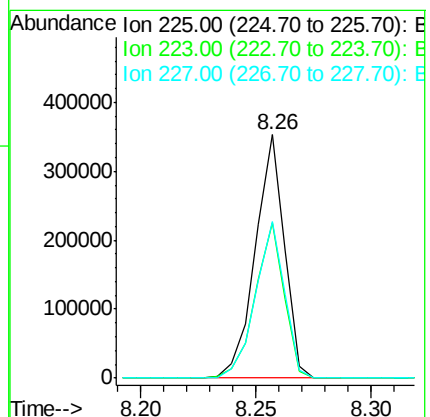
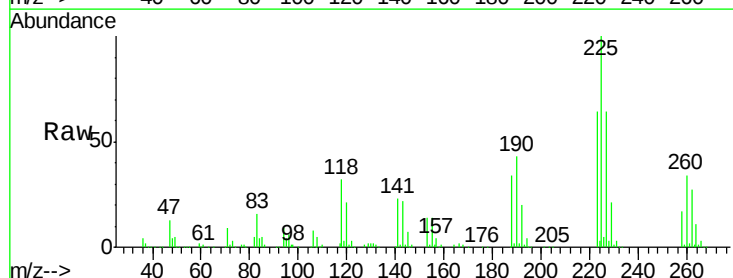
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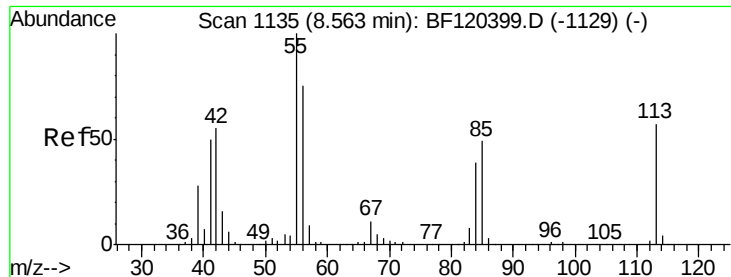
mohammad
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#34
Hexachlorobutadiene
Concen: 39.926 ng
RT: 8.26 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		311232		
223	63.6	51.5	77.3		
227	64.1	51.9	77.9		





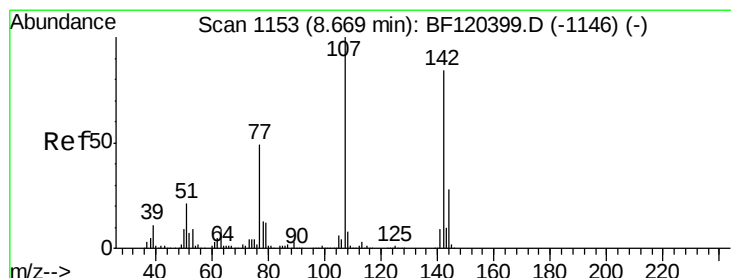
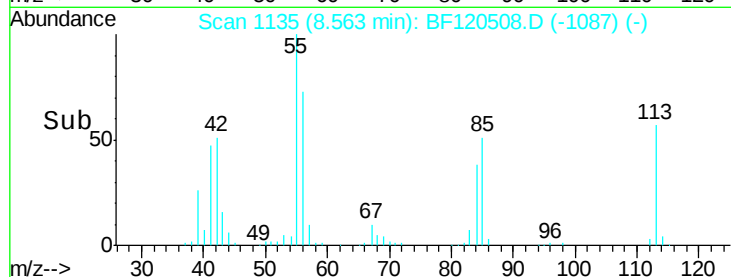
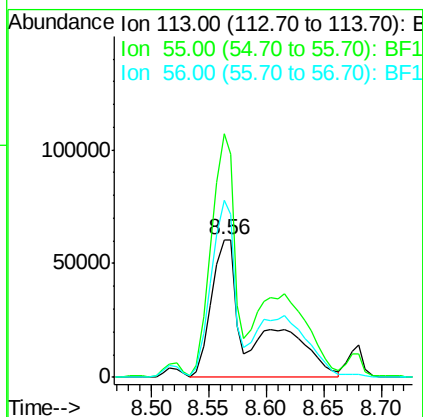
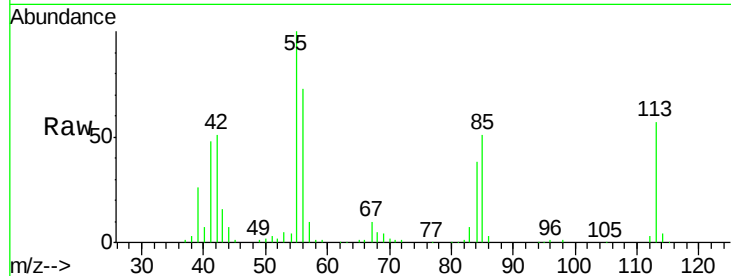
#35
 Caprolactam
 Concen: 41.443 ng m
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.5	132.3	172.3#
56	128.0	92.2	132.2

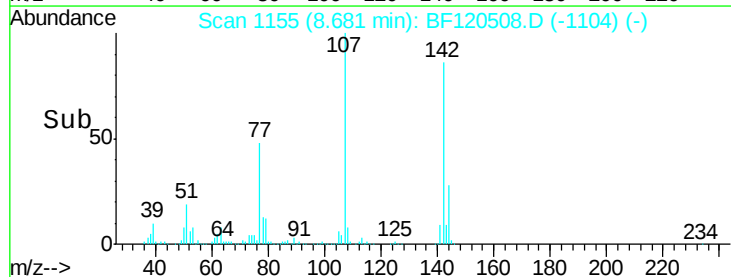
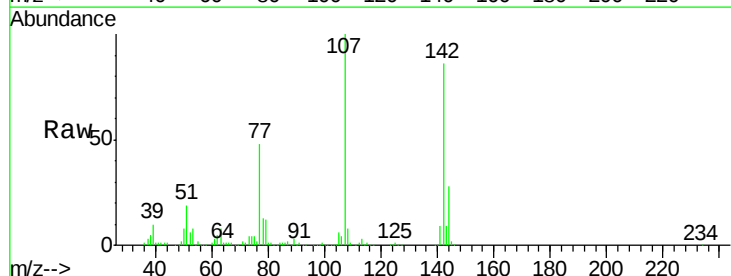
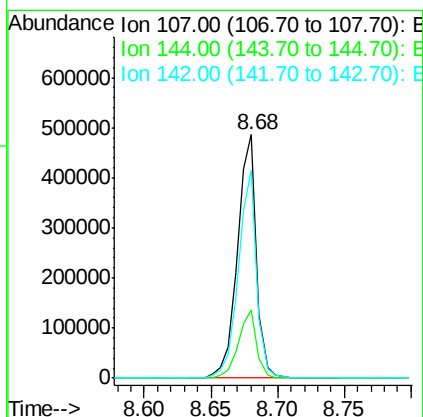
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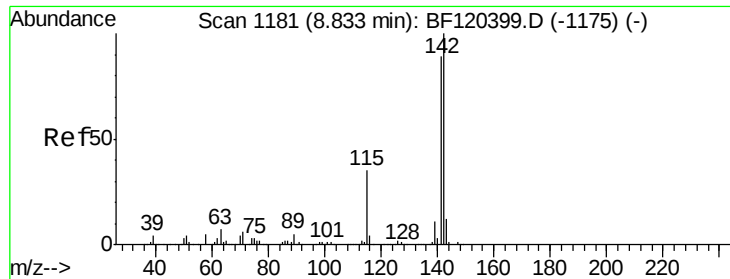
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.535 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.5	33.7
142	85.5	69.2	103.8





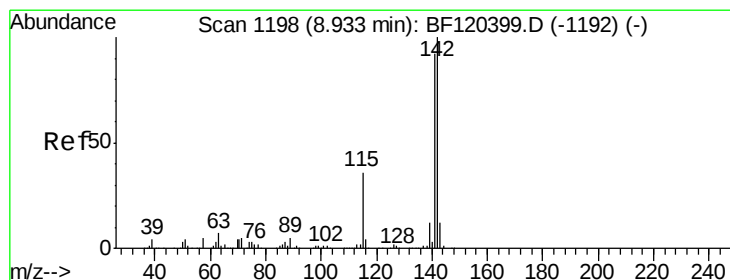
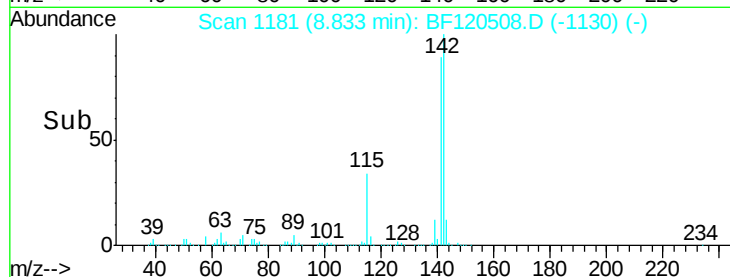
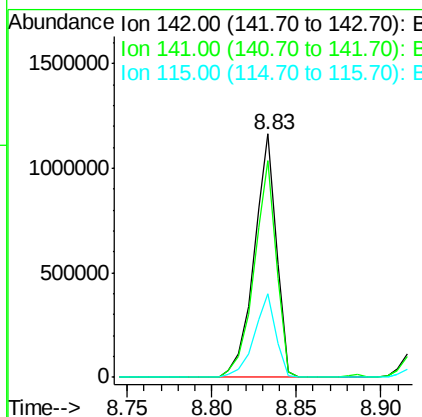
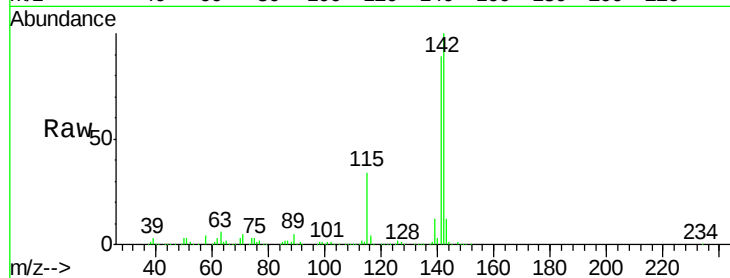
#37
2-Methylnaphthalene
Concen: 40.990 ng
RT: 8.83 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	34.1	27.5	41.3

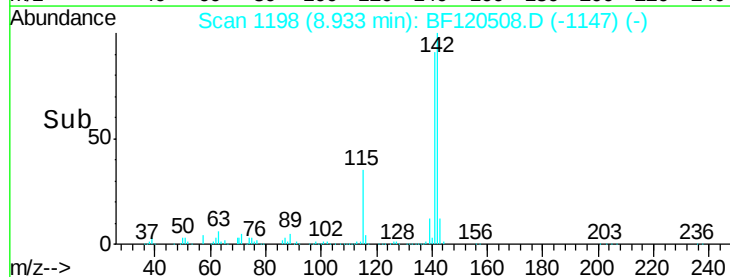
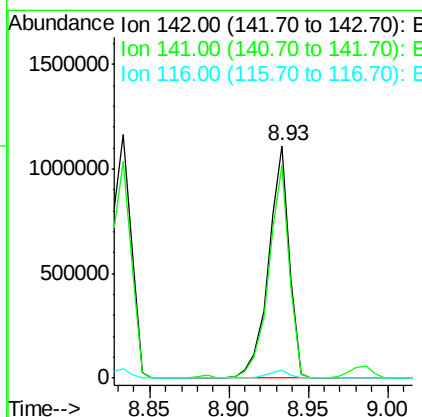
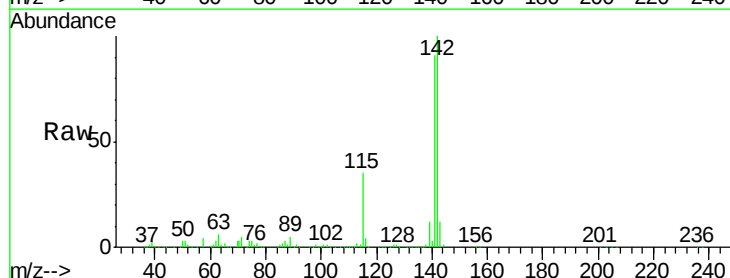
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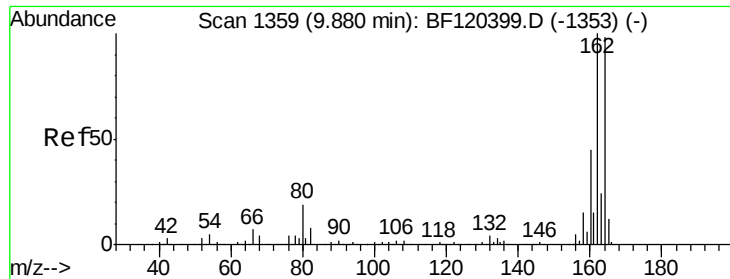
mohammad
6/4/2020 12:12:13 PM



#38
1-Methylnaphthalene
Concen: 41.072 ng
RT: 8.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3
116	3.7	3.0	4.6





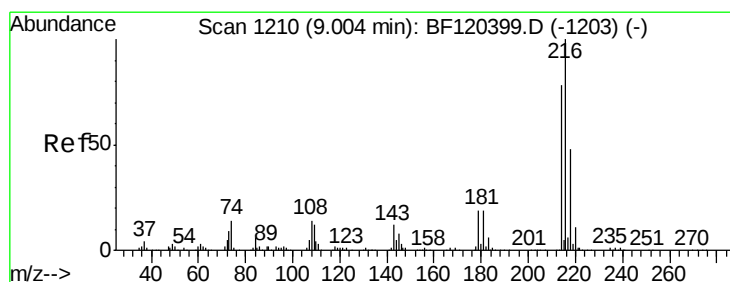
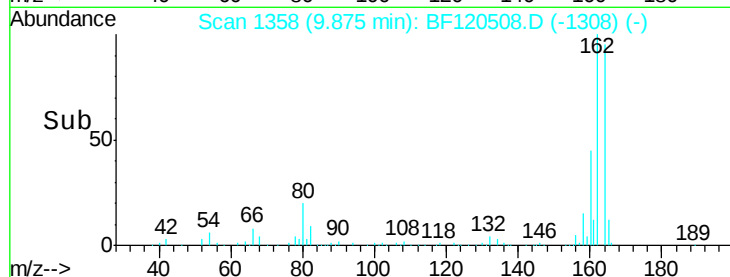
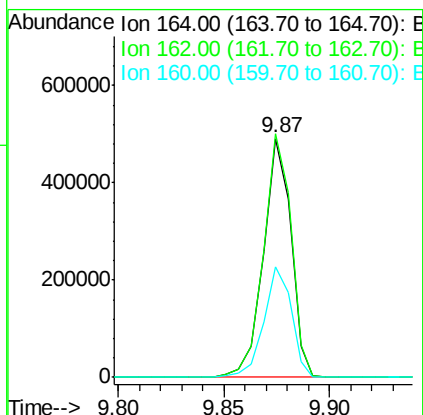
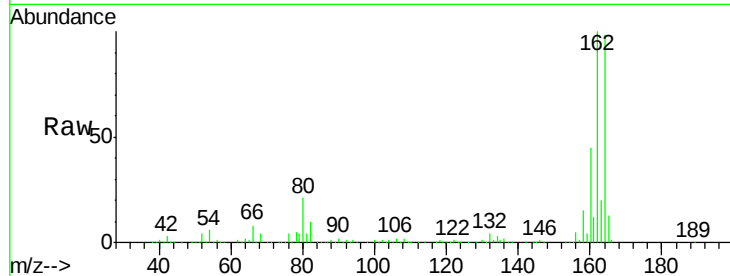
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	46.0	37.3	55.9

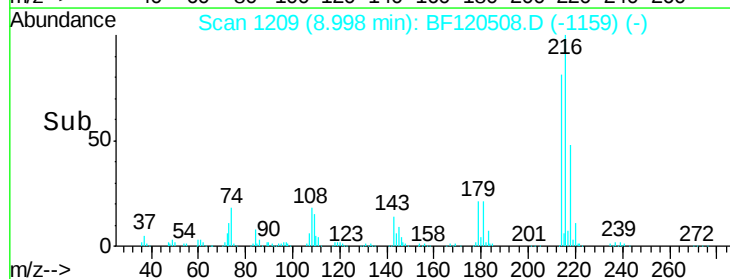
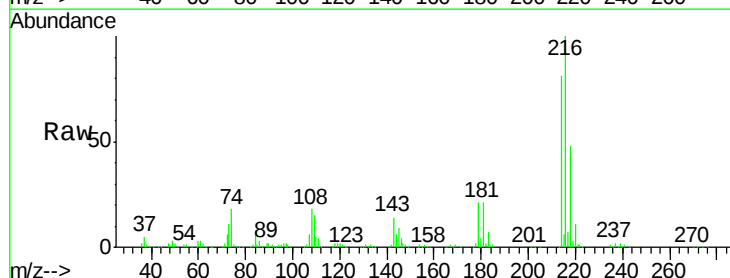
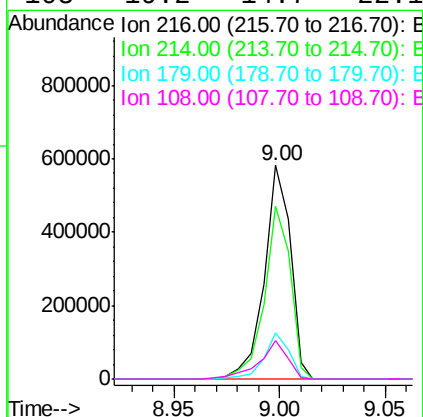
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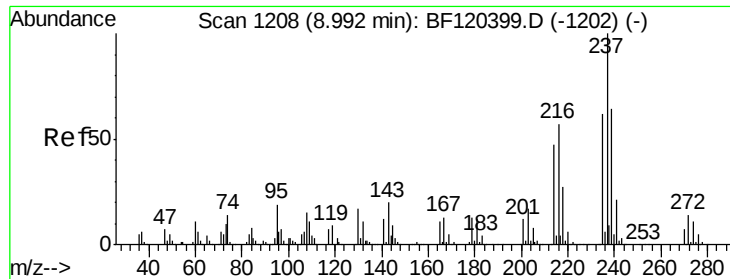
mohammad
6/4/2020 12:12:13 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.907 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.6	93.8
179	20.6	16.4	24.6
108	19.2	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 74.347 ng

RT: 8.99 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

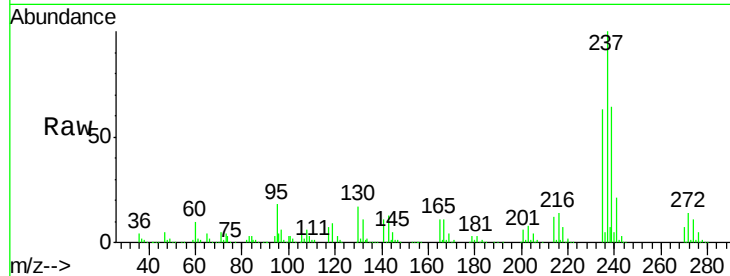
ClientSampleId :

NM34-COMP-2020-0-6MS

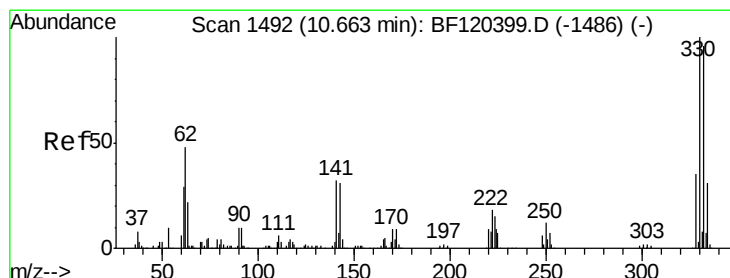
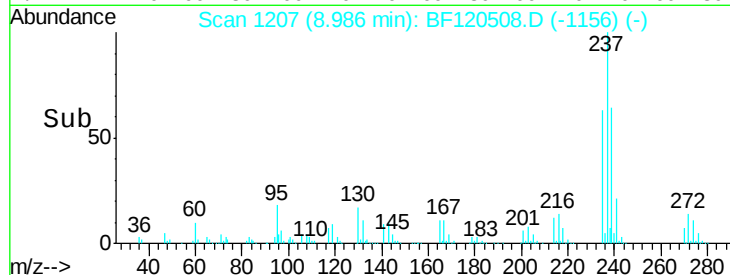
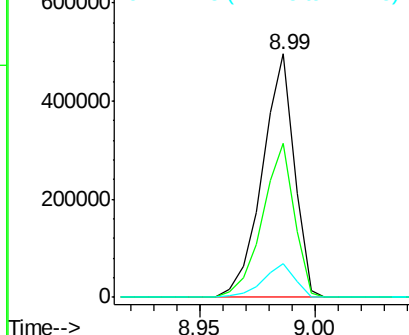
Tot Ion:	237	Resp:	477515
Ion Ratio	Lower	Upper	
237	100		
235	63.3	44.1	84.1
272	13.6	0.0	33.6

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6/4/2020 12:12:13 PM



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: 80.906 ng

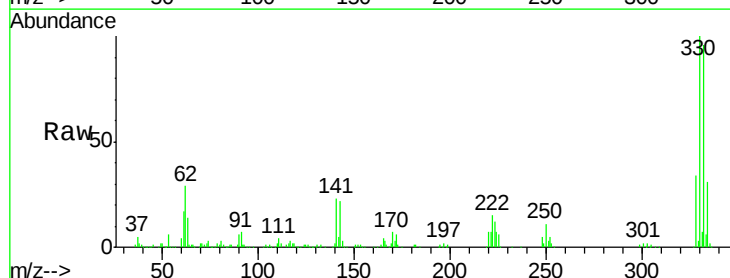
RT: 10.67 min Scan# 1493

Delta R.T. 0.00 min

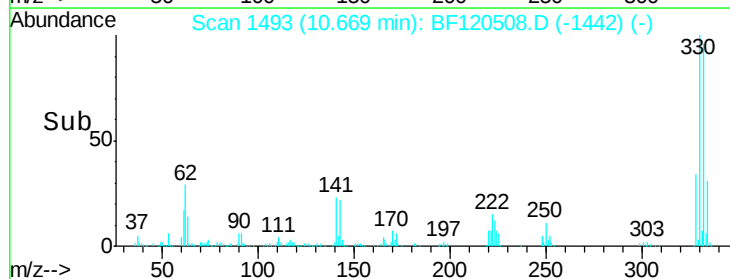
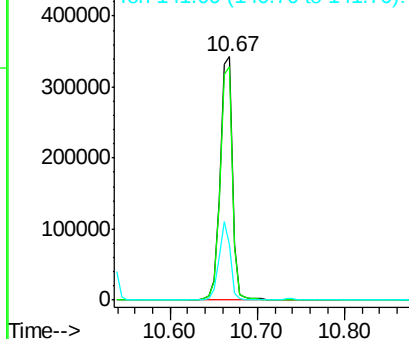
Lab File: BF120508.D

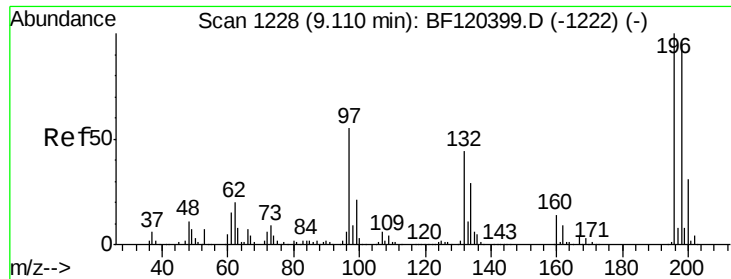
Acq: 3 Jun 2020 14:41

Tgt Ion:	330	Resp:	336402
Ion Ratio	Lower	Upper	
330	100		
332	96.2	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





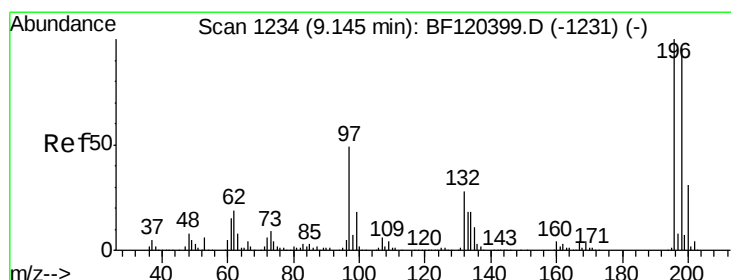
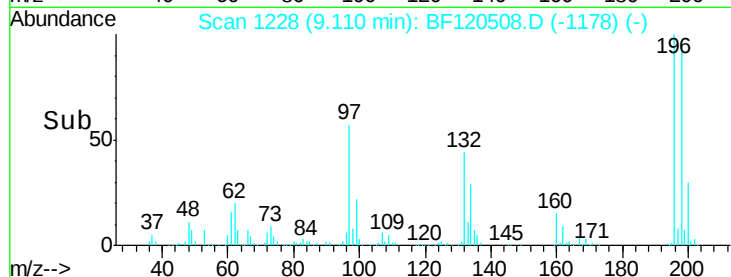
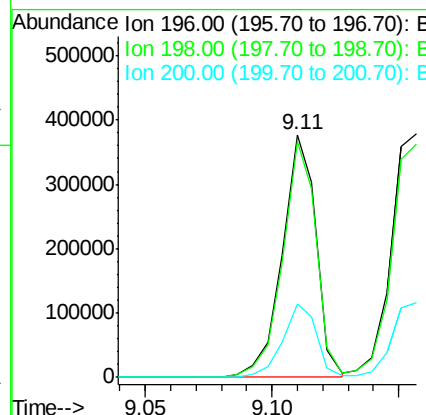
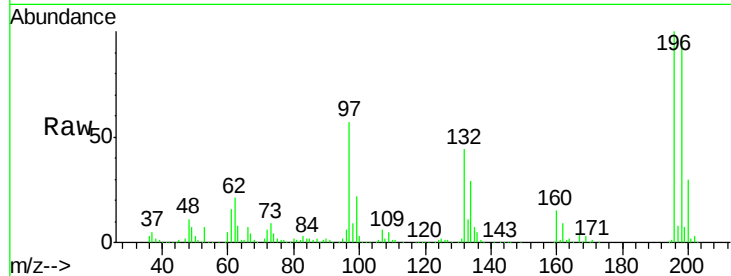
#43
 2,4,6-Trichlorophenol
 Concen: 42.212 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	351332		
198	97.2	76.6	115.0	
200	30.4	24.9	37.3	

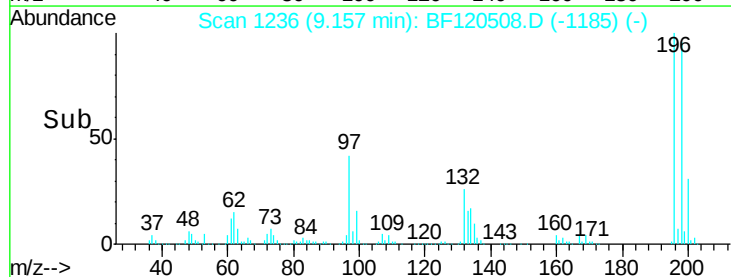
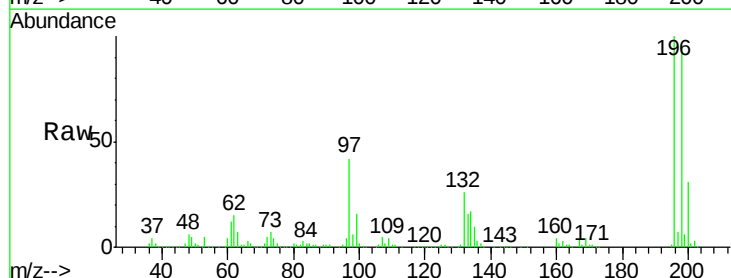
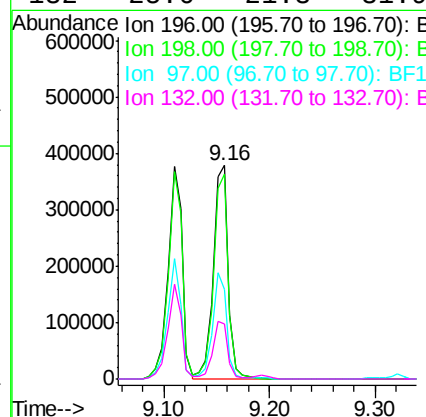
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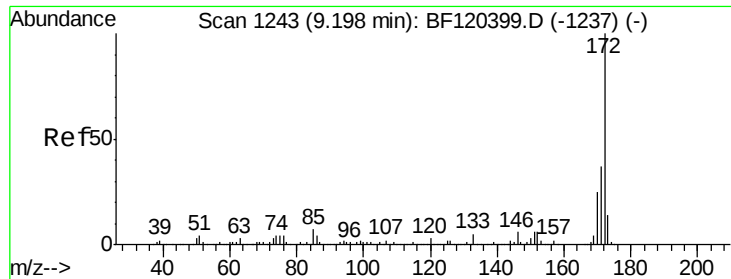
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#44
 2,4,5-Trichlorophenol
 Concen: 39.787 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	375369		
198	95.8	76.7	115.1	
97	41.9	36.3	54.5	
132	25.6	21.3	31.9	





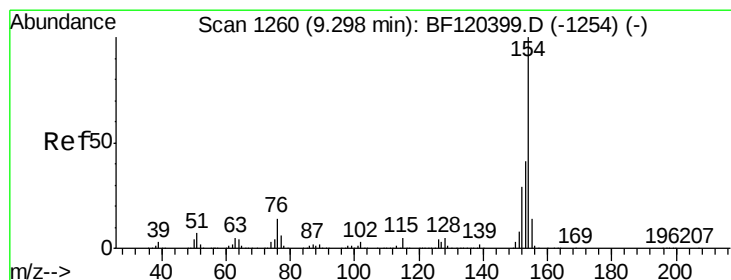
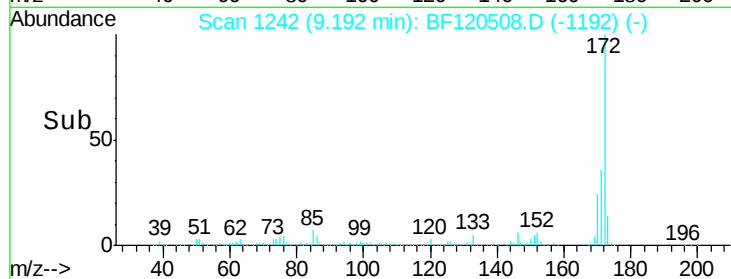
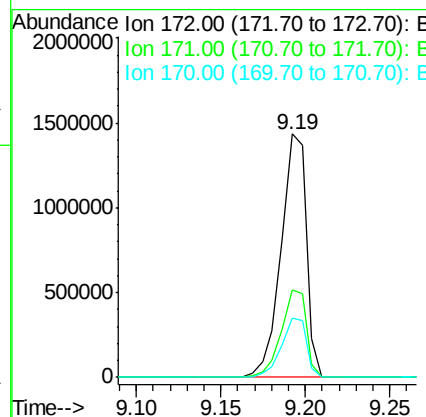
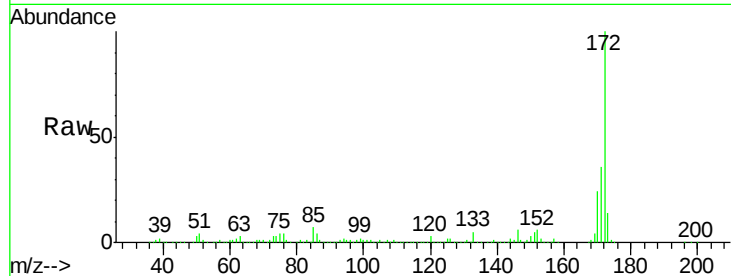
#45
2-Fluorobiphenyl
Concen: 56.677 ng
RT: 9.19 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.2	20.1	30.1

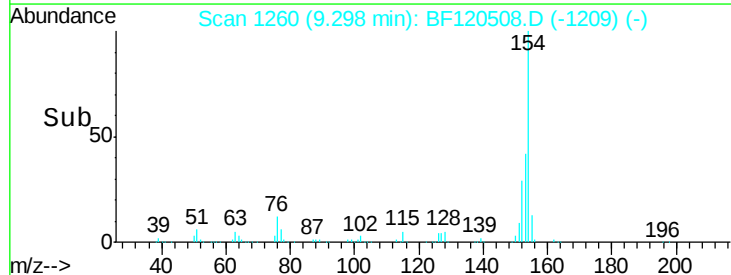
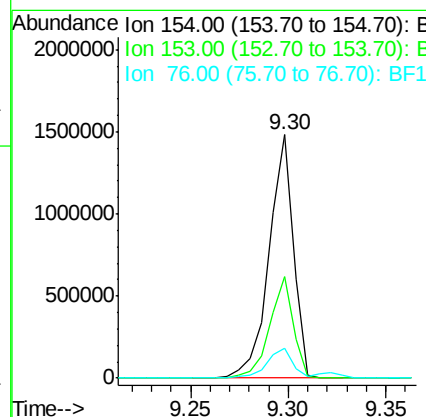
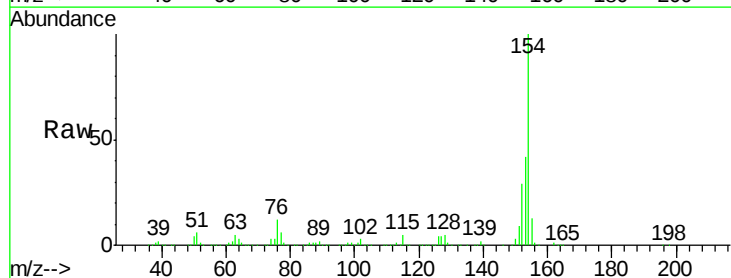
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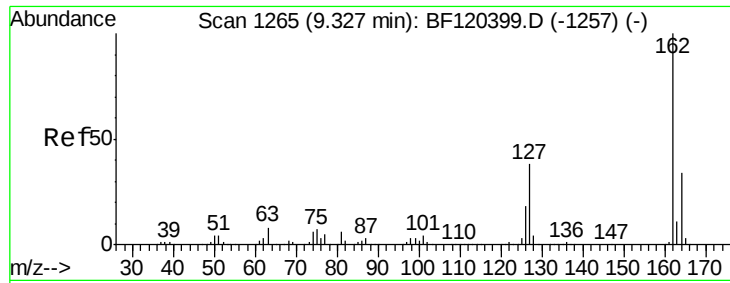
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#46
1,1'-Biphenyl
Concen: 43.457 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	12.2	0.0	33.0





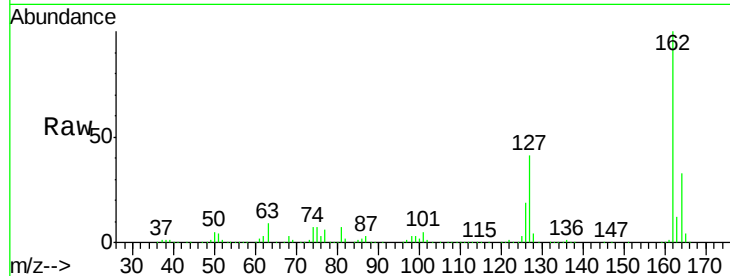
#47
2-Chloronaphthalene
Concen: 41.052 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

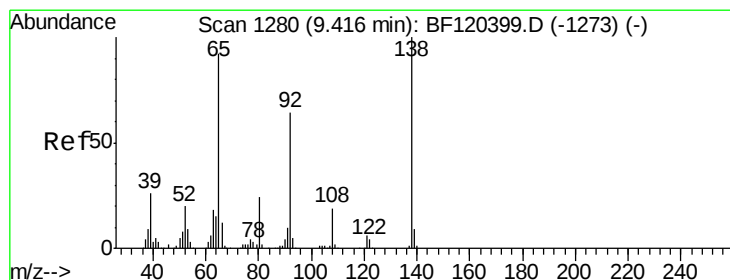
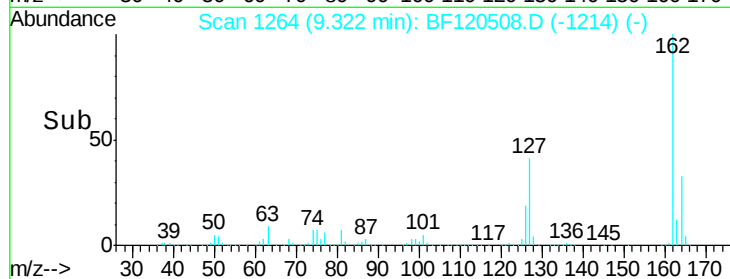
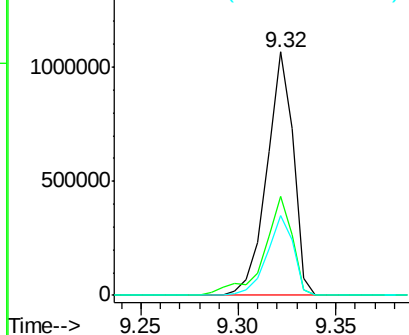
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.6	31.4	47.2
164	33.0	27.2	40.8

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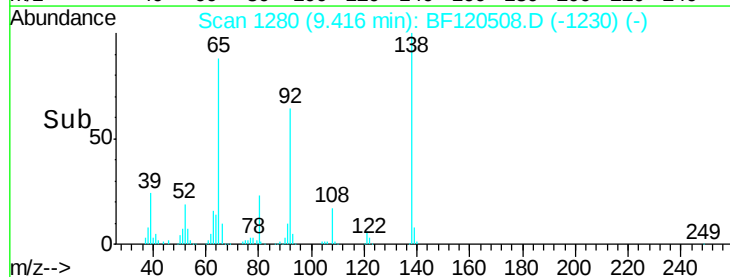
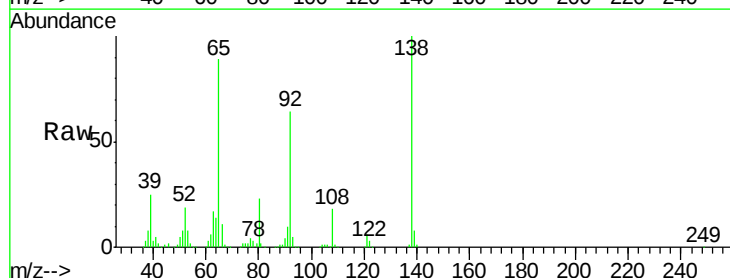
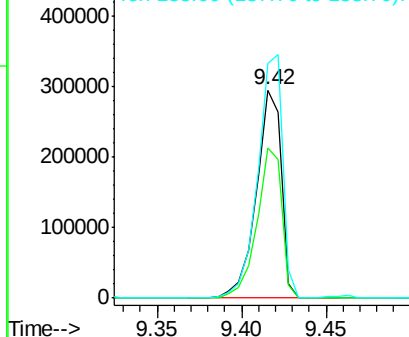
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

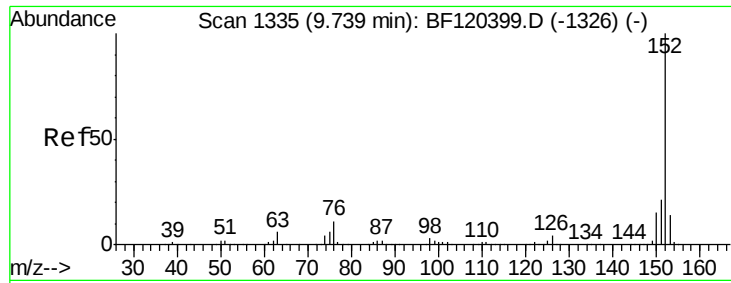


#48
2-Nitroaniline
Concen: 41.272 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.9	58.5	87.7
138	113.0	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: 41.717 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:152 Resp: 1564914

Ion Ratio Lower Upper

152 100

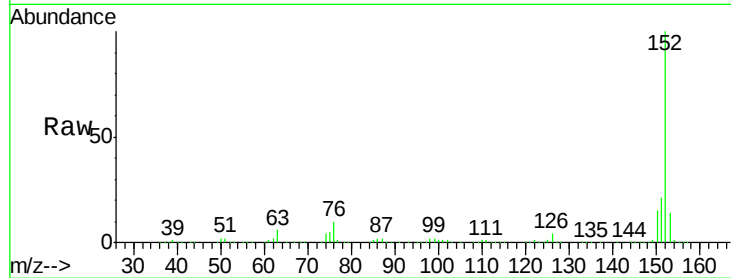
151 21.1 16.5 24.7

153 13.7 11.0 16.6

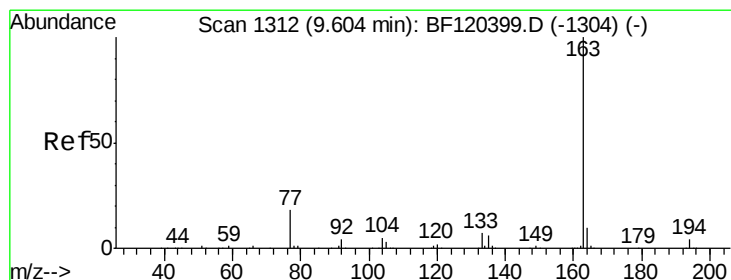
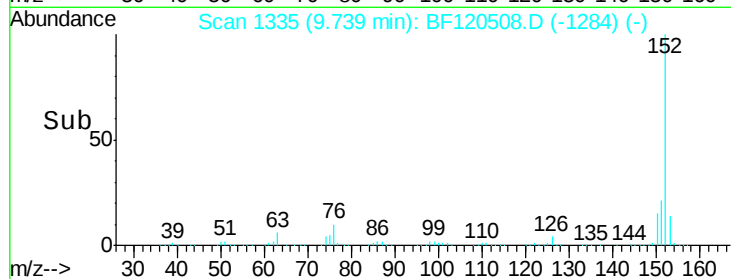
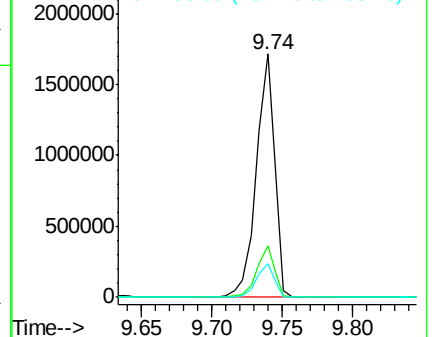
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.677 ng

RT: 9.60 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

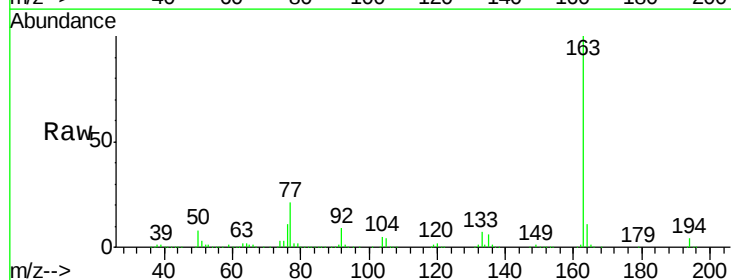
Tgt Ion:163 Resp: 1337590

Ion Ratio Lower Upper

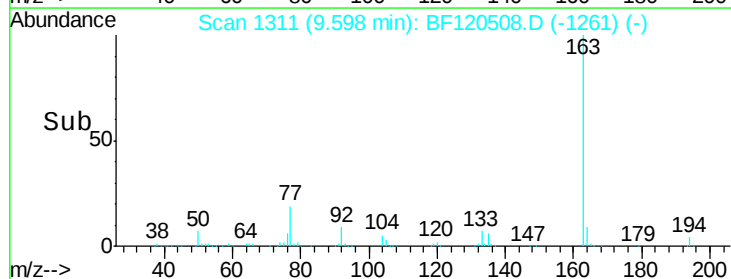
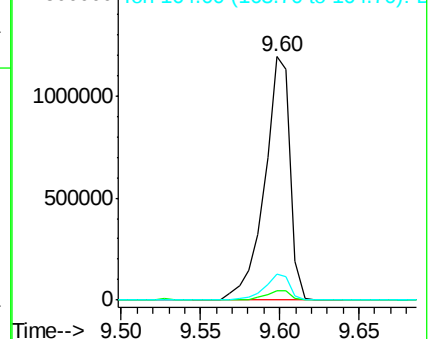
163 100

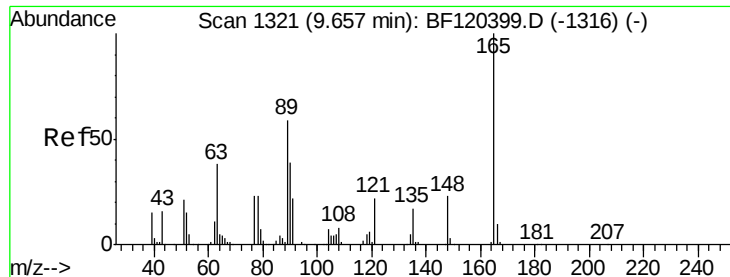
194 3.9 3.1 4.7

164 10.8 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: 41.949 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

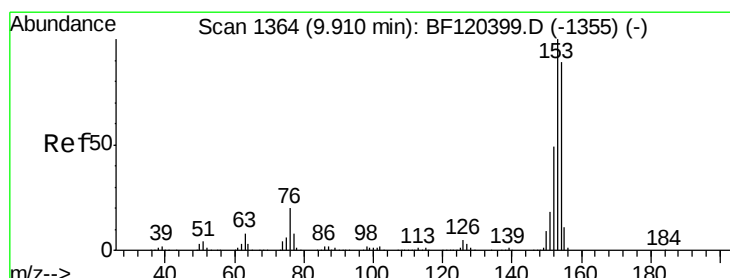
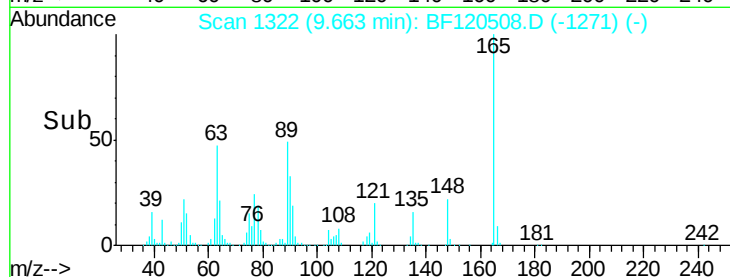
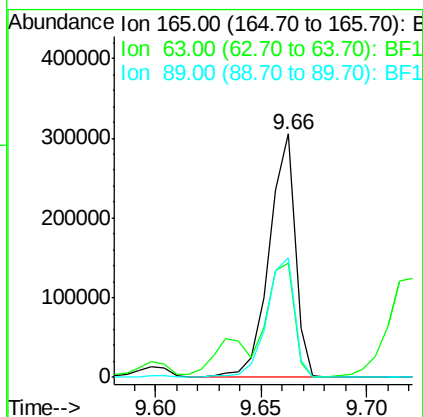
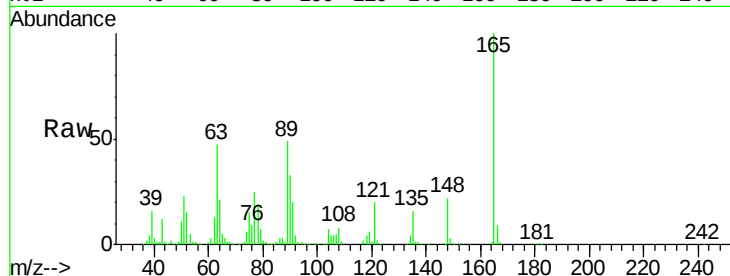
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	165	Resp:	261539
Ion Ratio	Lower	Upper	
165	100		
63	47.2	43.0	64.6
89	49.3	43.8	65.6

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#52

Acenaphthene

Concen: 43.811 ng m

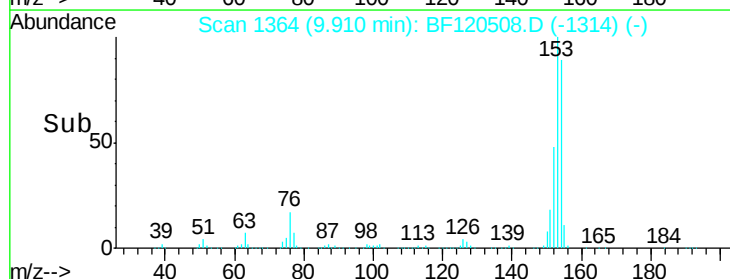
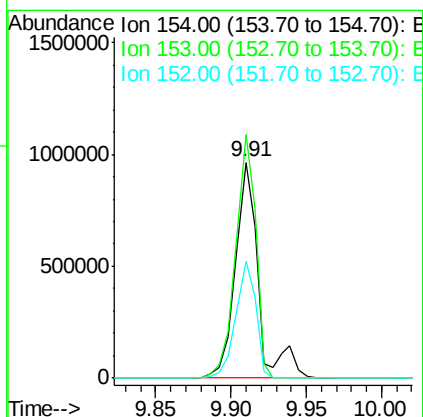
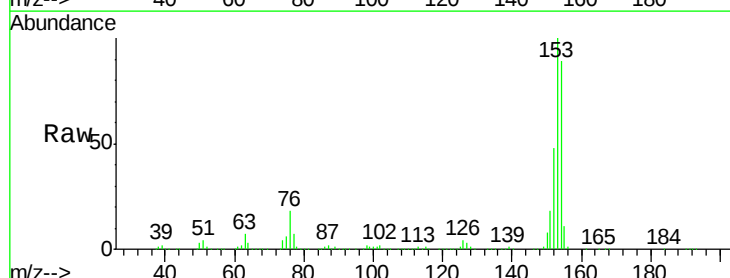
RT: 9.91 min Scan# 1364

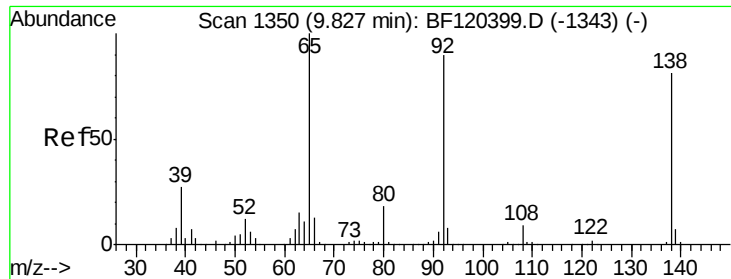
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	154	Resp:	1025692
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.8	134.8
152	54.3	43.8	65.6





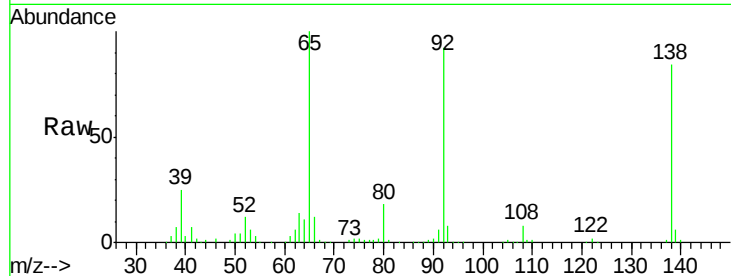
#53
3-Nitroaniline
Concen: 25.350 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	109.0	86.4	129.6

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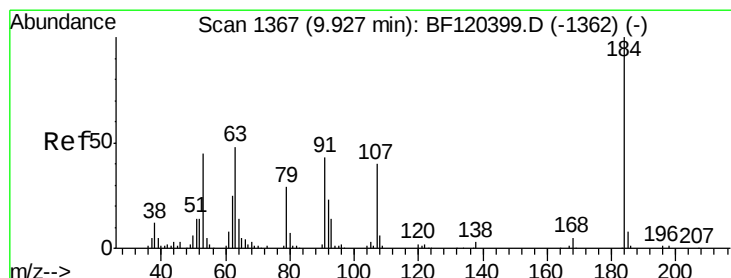
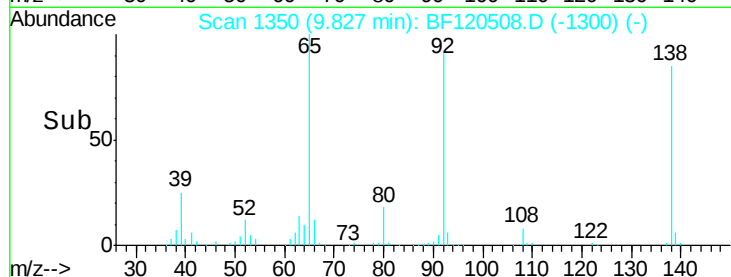
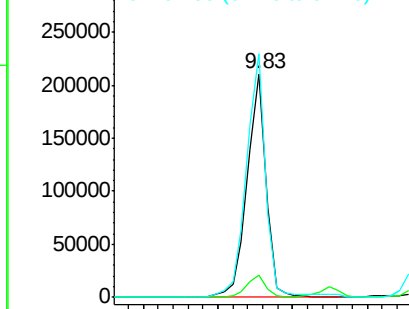


Abundance

Ion 138.00 (137.70 to 138.70): E

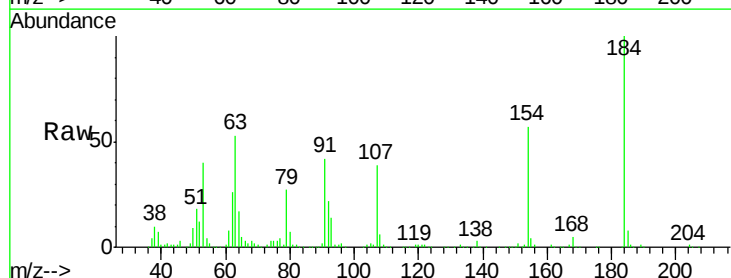
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.220 ng
RT: 9.94 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	42.0	63.0
154	57.0	44.5	66.7

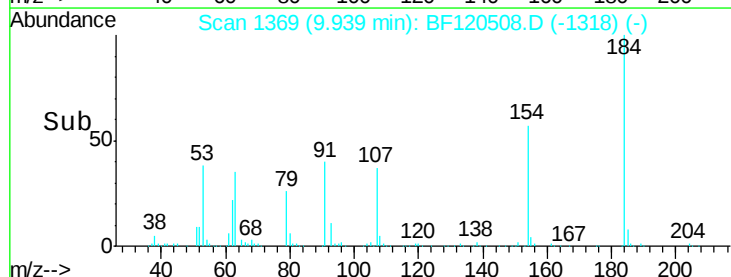
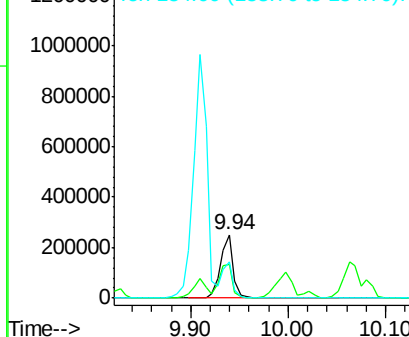


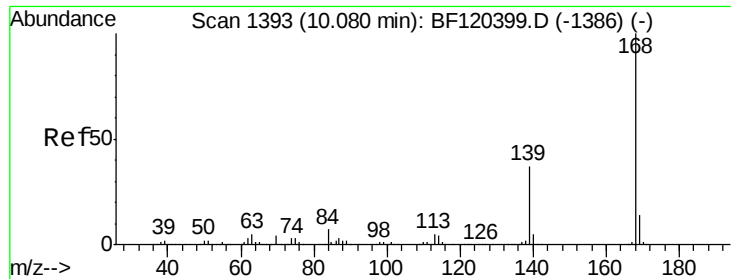
Abundance

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





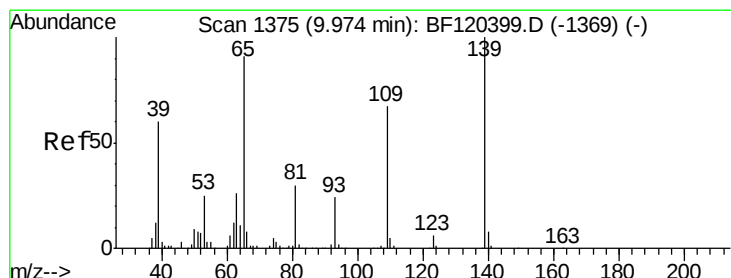
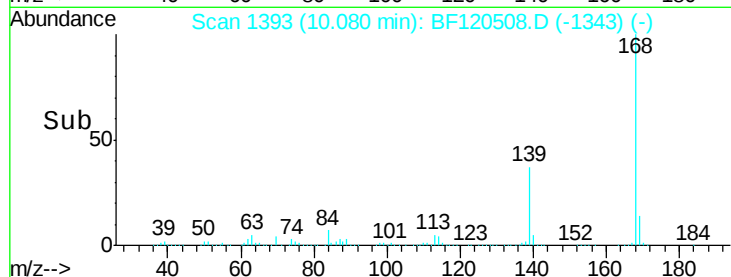
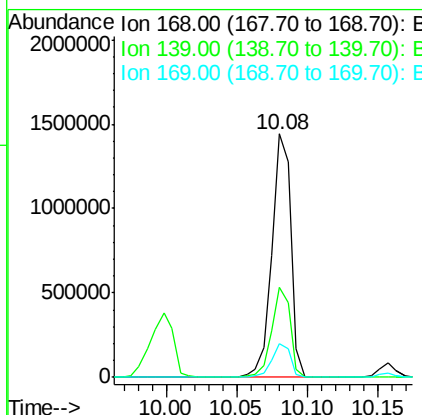
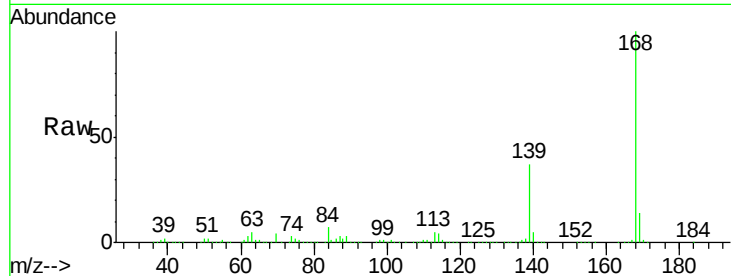
#55
Dibenzenofuran
Concen: 40.121 ng
RT: 10.08 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	14.1	11.0	16.4

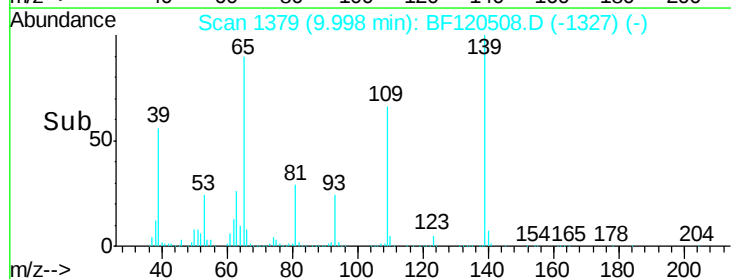
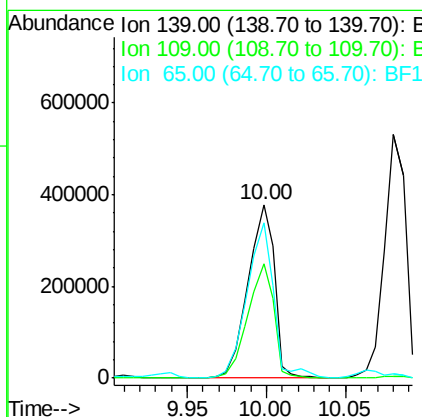
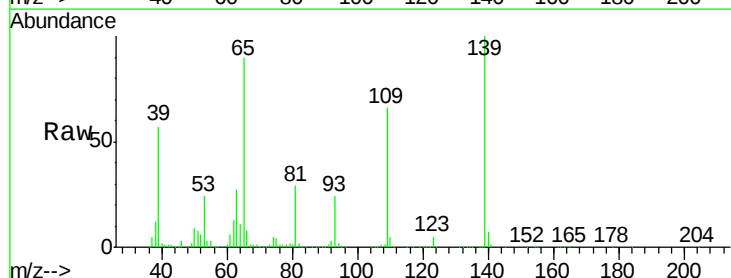
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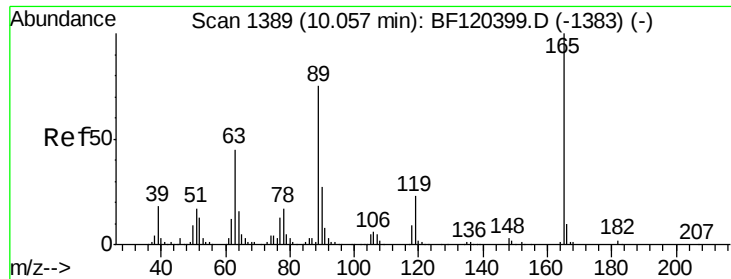
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#56
4-Nitrophenol
Concen: 78.571 ng
RT: 10.00 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	47.8	87.8
65	89.9	72.0	112.0





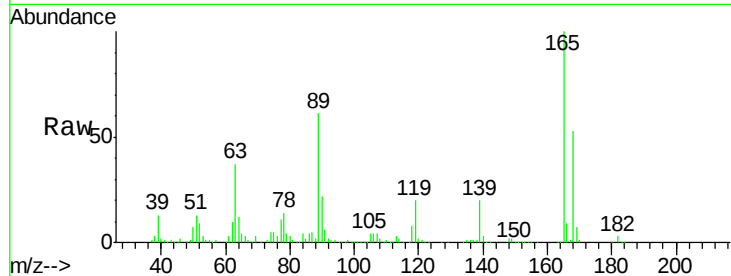
#57
2,4-Dinitrotoluene
Concen: 42.586 ng
RT: 10.07 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	339810		
63	36.8	33.4	50.0	
89	61.1	54.7	82.1	
182	2.6	2.1	3.1	

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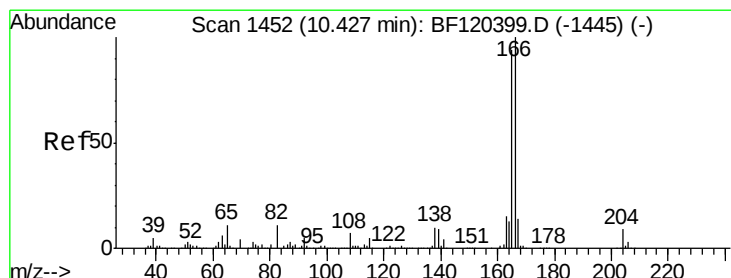
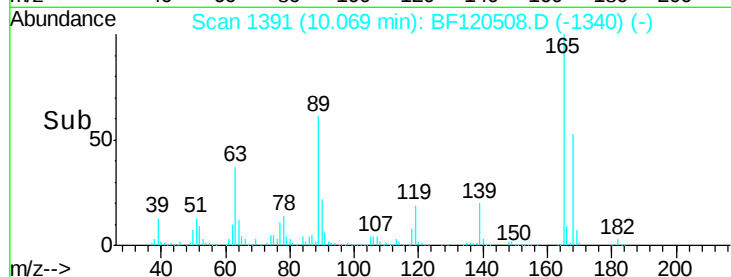
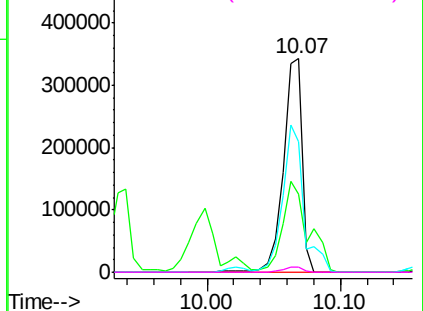
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

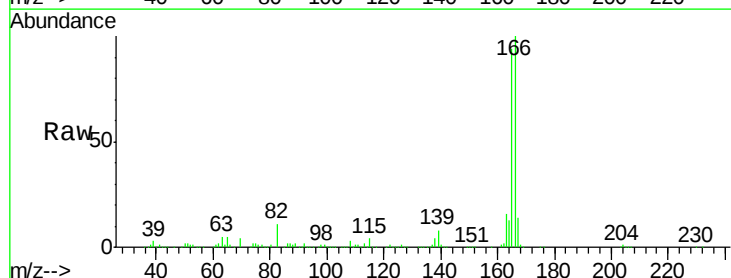
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.111 ng
RT: 10.43 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	998552		
165	94.4	75.8	113.8	
167	13.8	11.1	16.7	

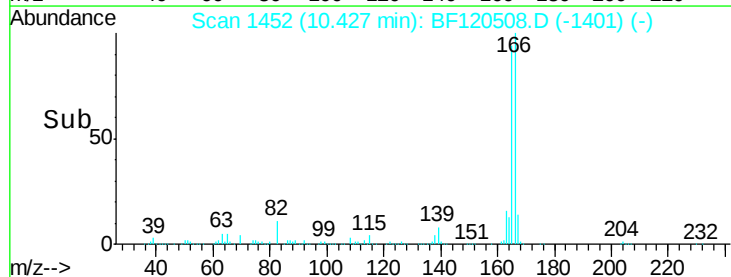
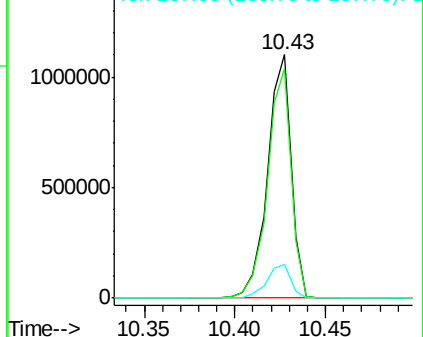


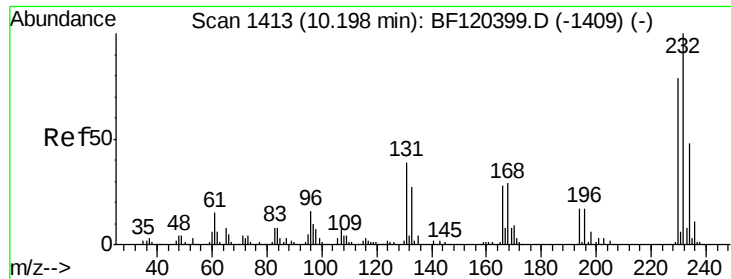
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





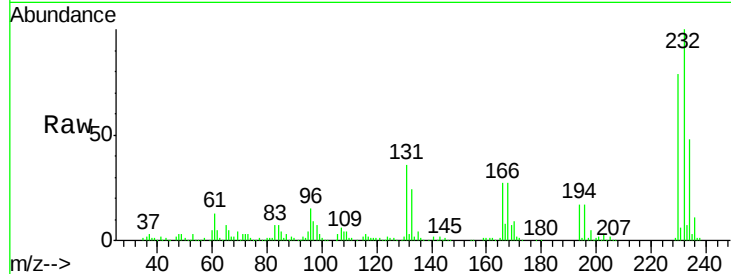
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.698 ng
RT: 10.20 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.2	51.2
130	2.1	1.7	2.5
166	29.1	23.4	35.0

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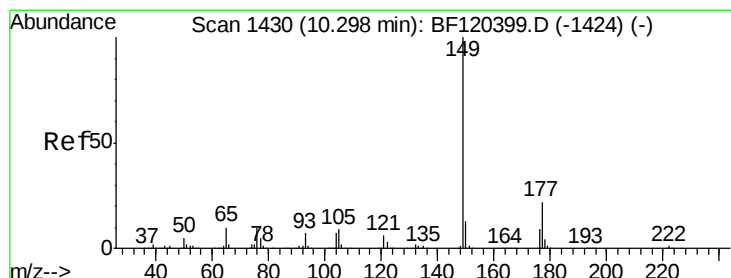
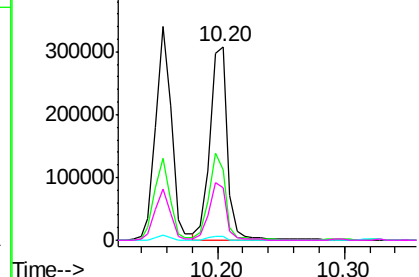
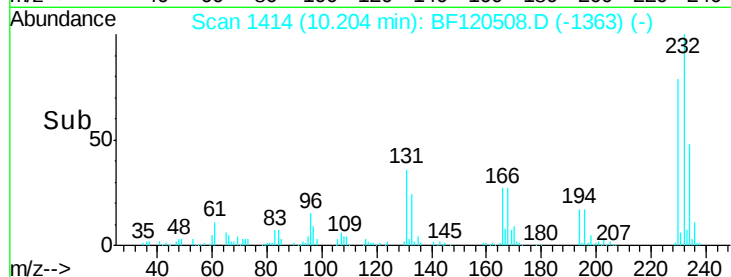
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

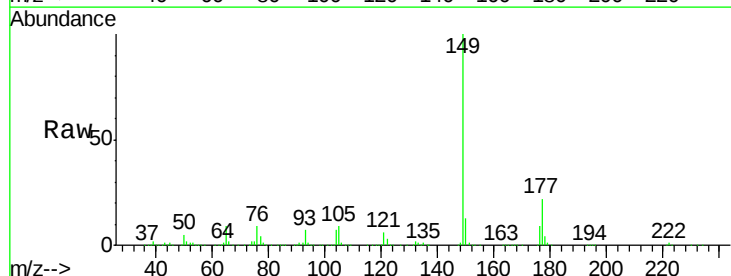
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.051 ng
RT: 10.30 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	13.1	10.2	15.2

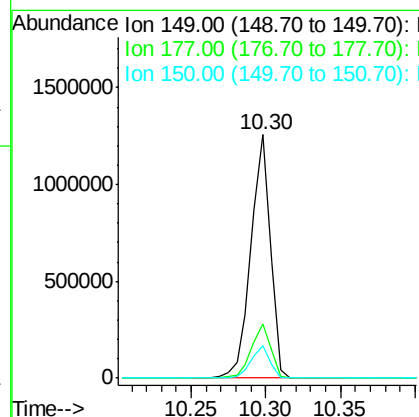
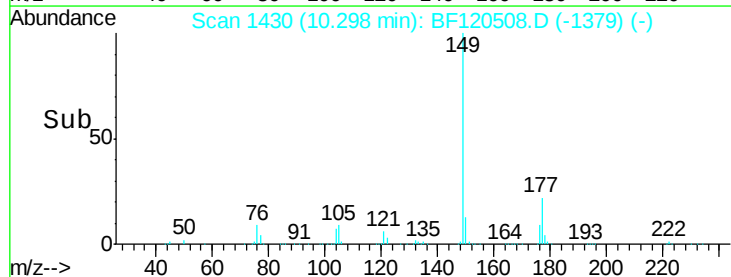


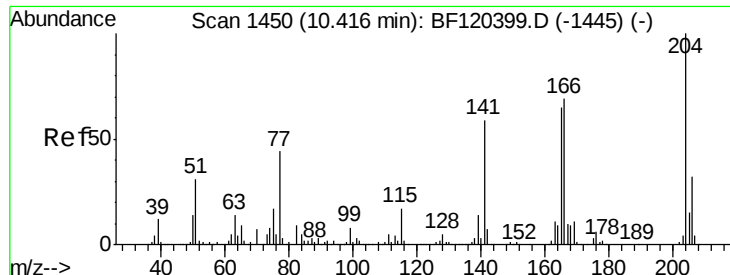
Abundance

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





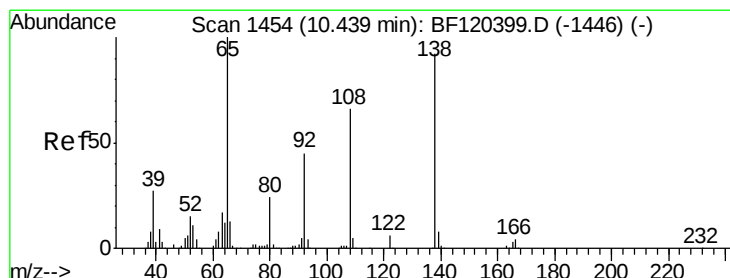
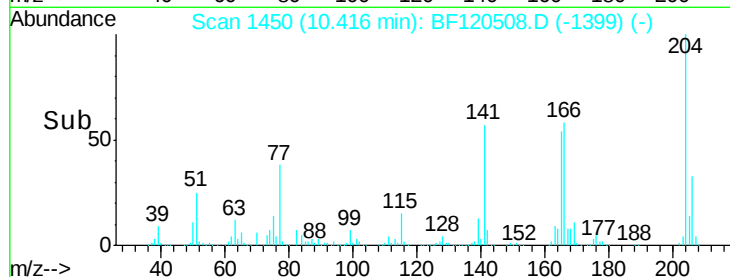
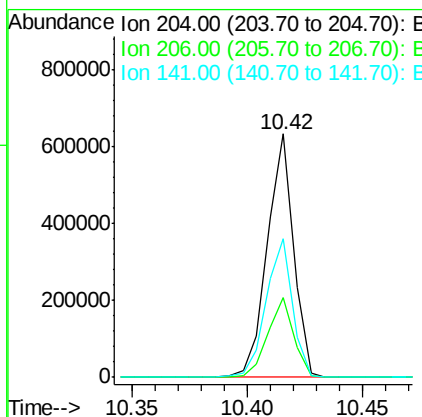
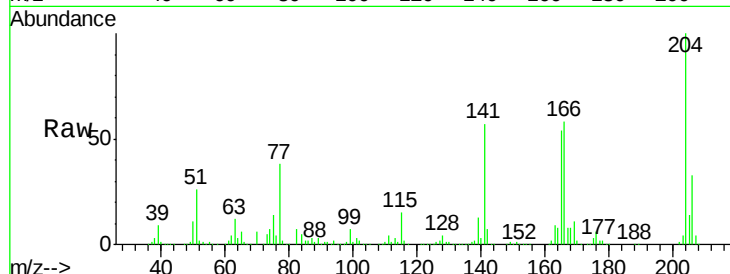
#61
 4-Chlorophenyl-phenylether
 Concen: 36.363 ng
 RT: 10.42 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	57.0	48.2	72.2

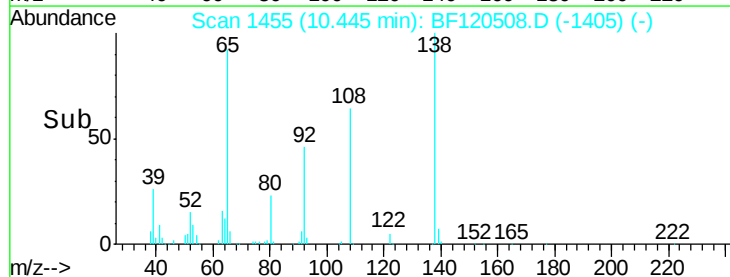
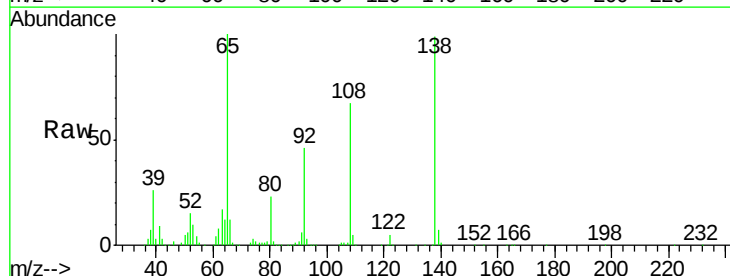
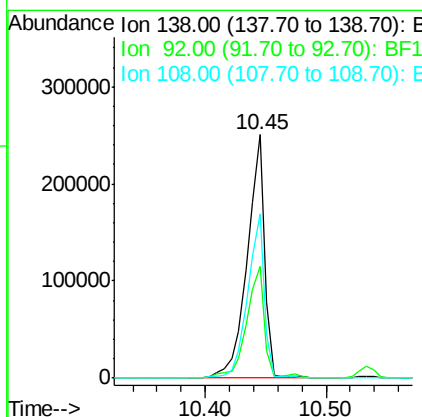
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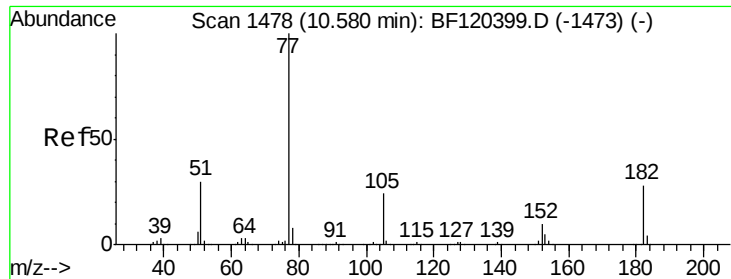
mohammad
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#62
 4-Nitroaniline
 Concen: 36.604 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	26.7	66.7
108	67.3	46.5	86.5





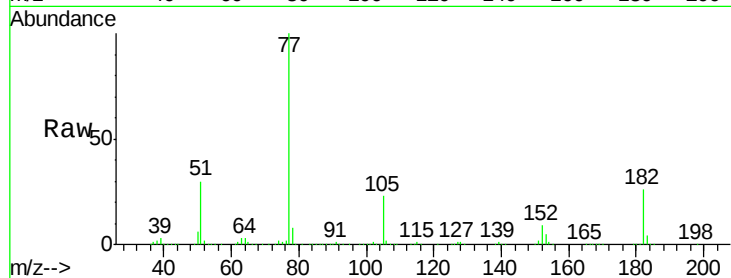
#63
Azobenzene
Concen: 38.733 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	8.6	48.6
105	23.4	3.6	43.6
51	30.2	10.1	50.1

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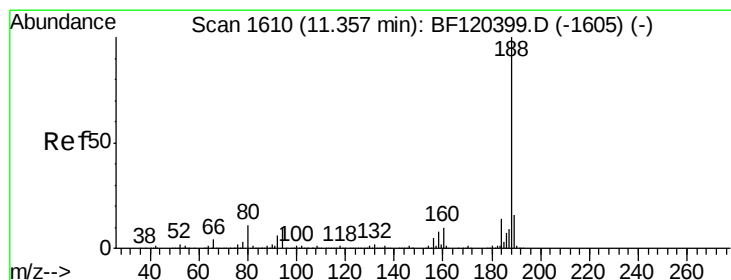
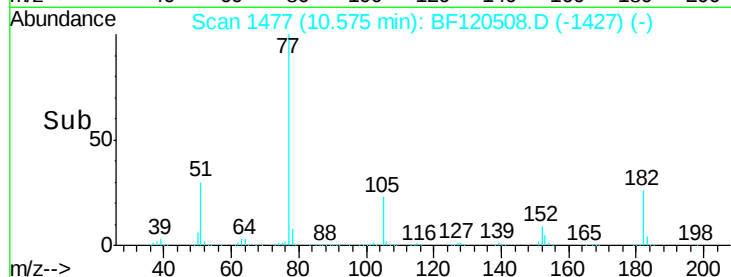
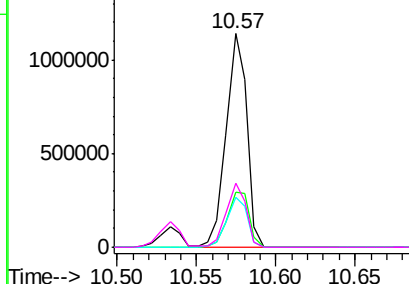


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

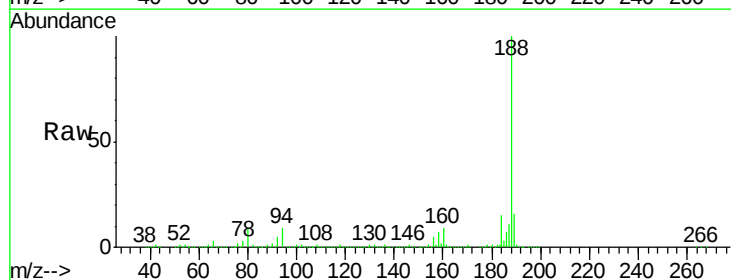
Ion 105.00 (104.70 to 105.70): E

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: BF120508.D
Acq: 3 Jun 2020 14:41

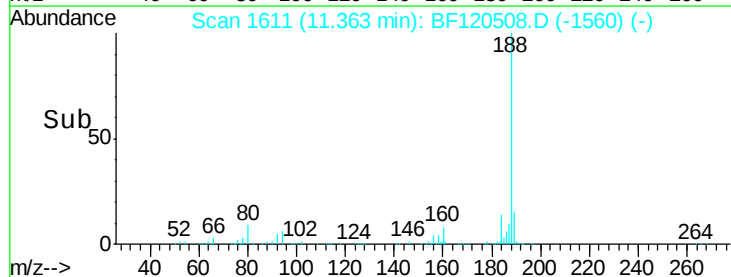
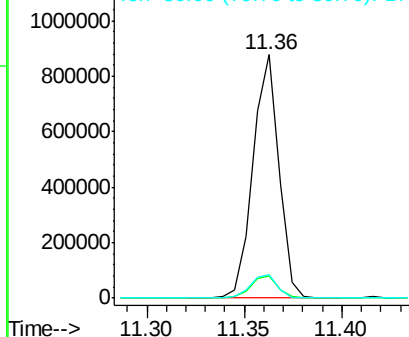
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.4	7.9	11.9

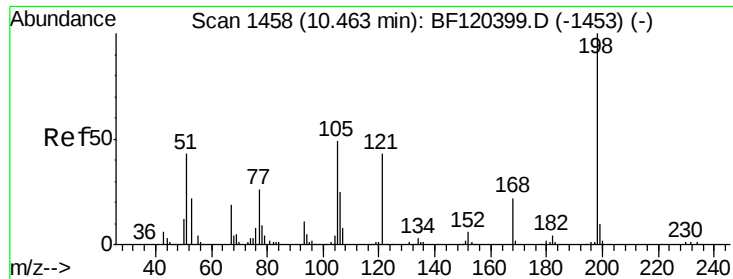


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





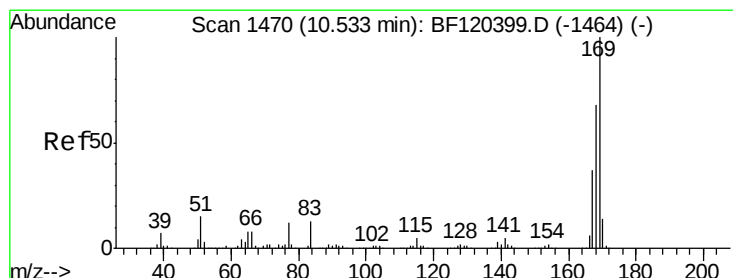
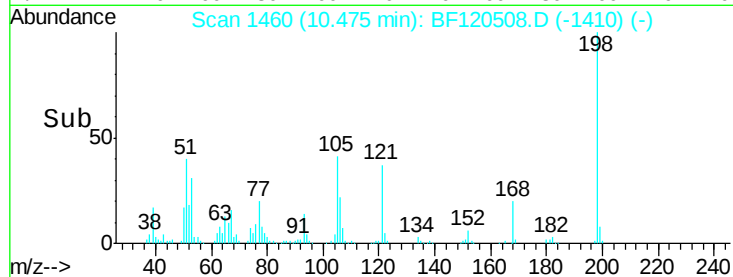
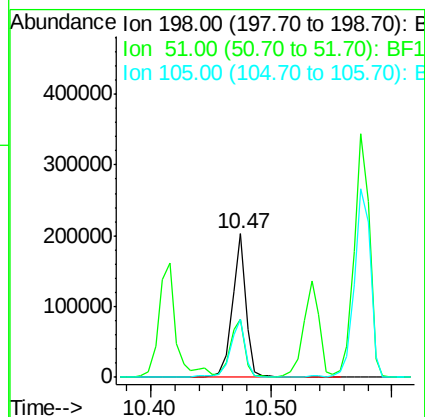
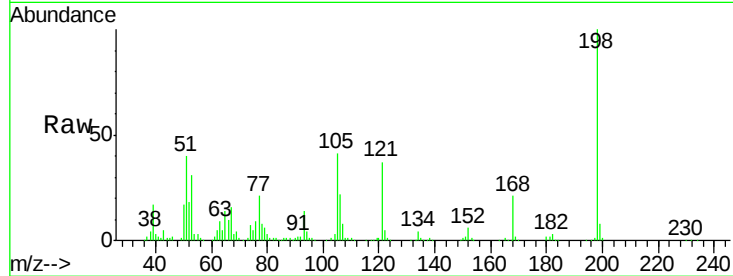
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.567 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.1	17.0	57.0
105	41.0	19.3	59.3

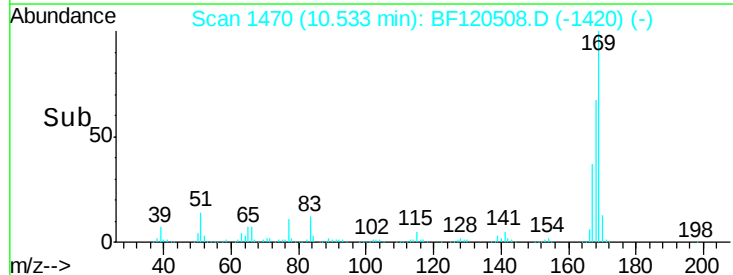
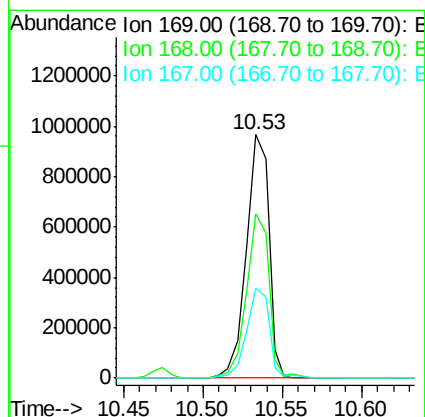
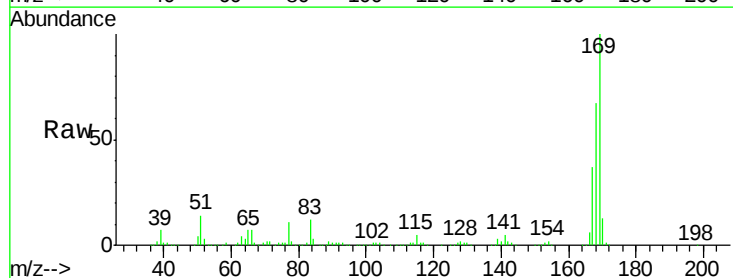
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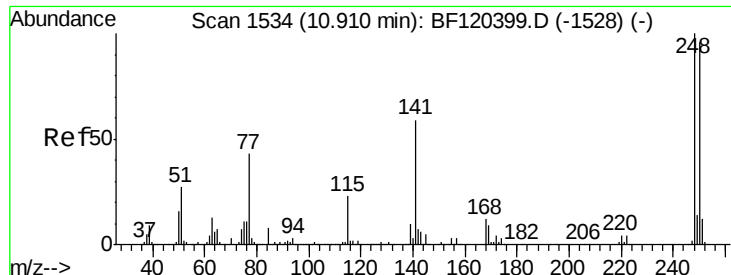
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.213 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	36.9	30.0	45.0





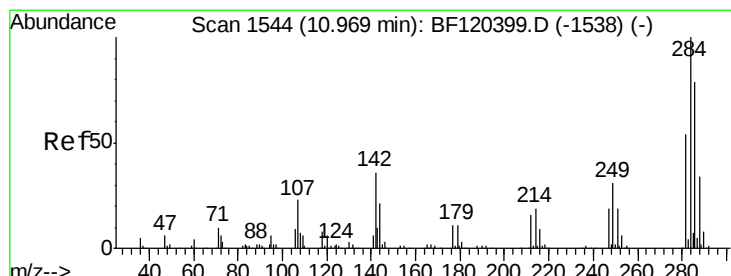
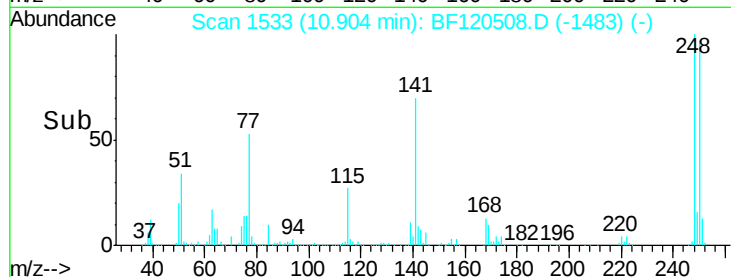
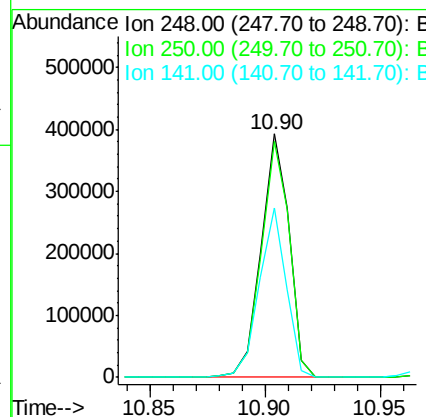
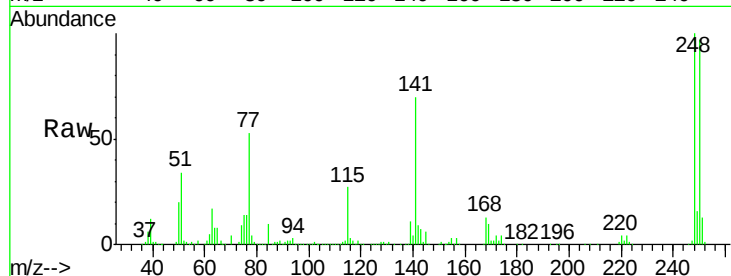
#67
4-Bromophenyl-phenylether
Concen: 40.934 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.0	117.0
141	69.7	50.3	75.5

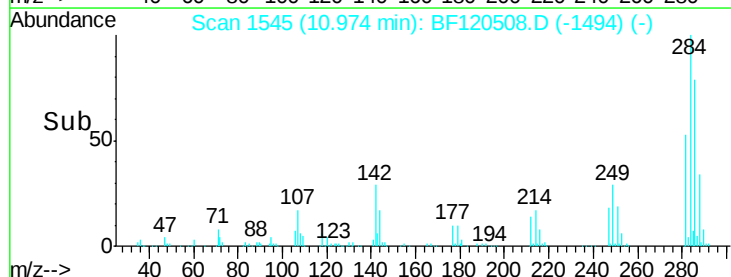
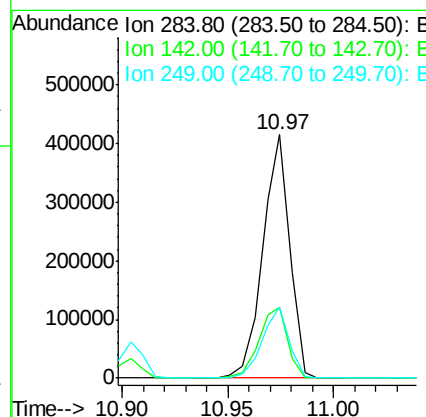
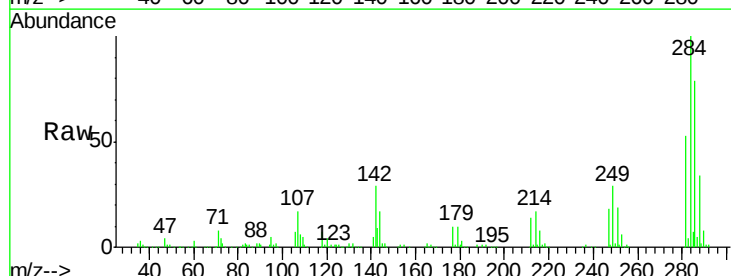
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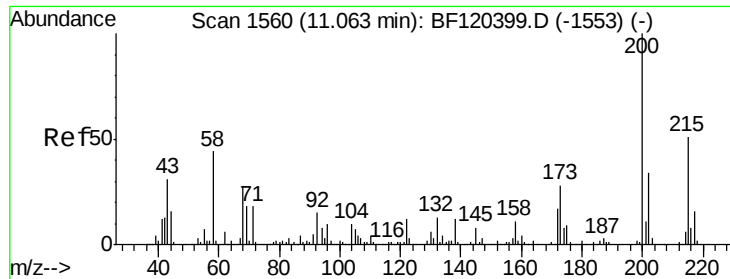
mohammad
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#68
Hexachlorobenzene
Concen: 42.214 ng
RT: 10.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	25.7	38.5
249	29.0	23.5	35.3





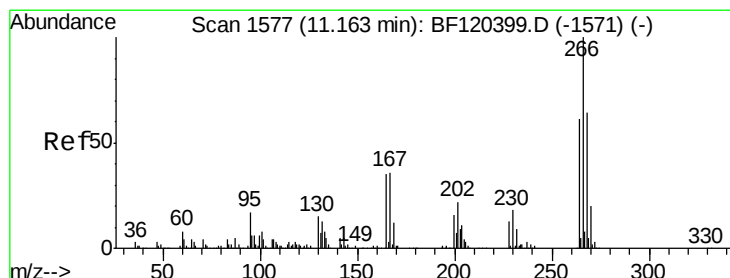
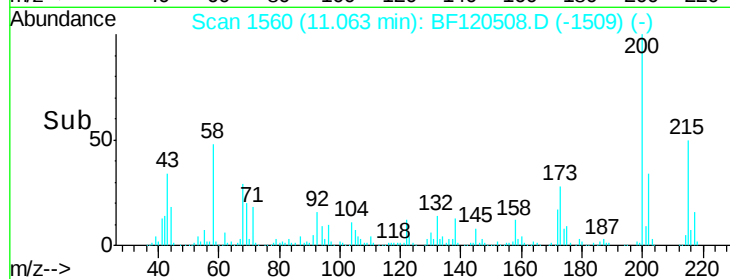
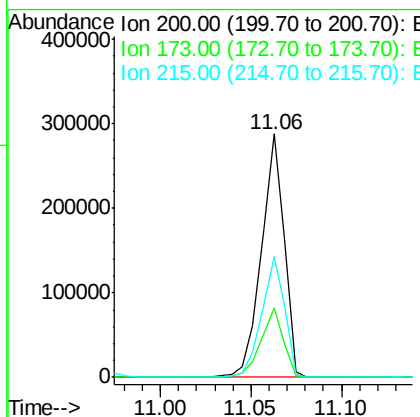
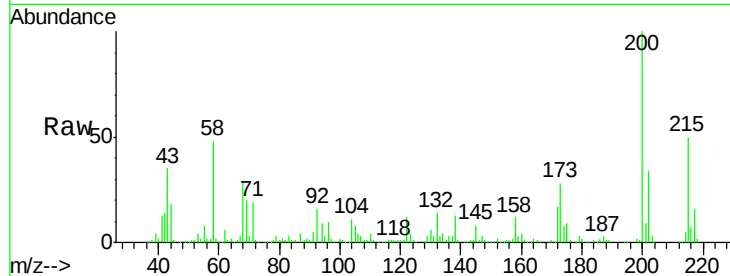
#69
 Atrazine
 Concen: 39.814 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100	251634		
173	28.5	8.7	48.7	
215	49.6	29.0	69.0	

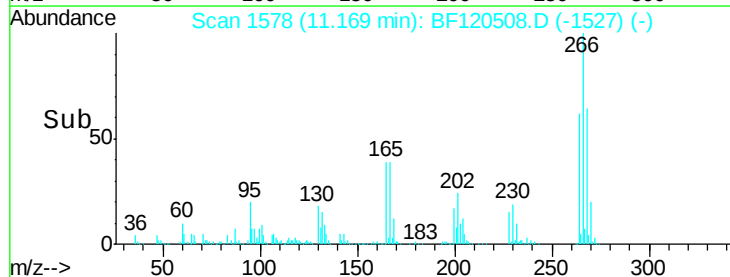
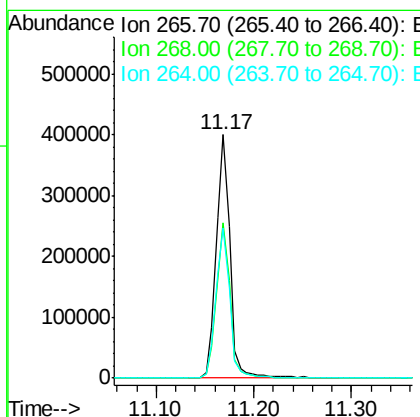
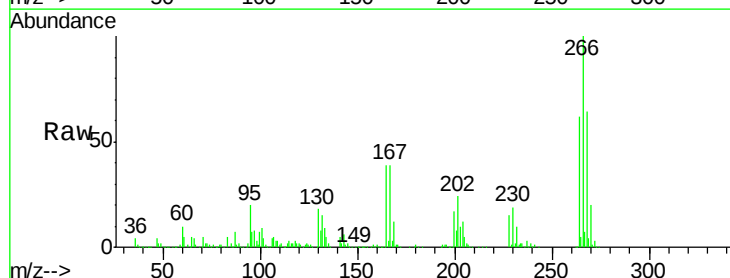
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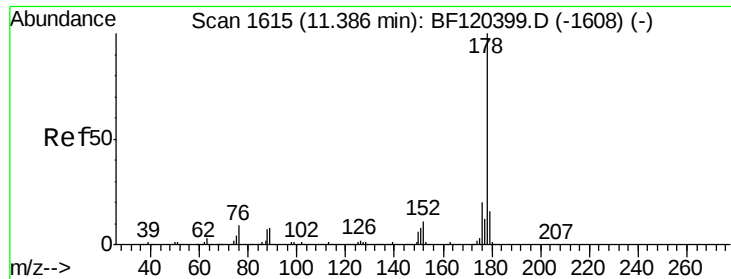
mohammad
 6/4/2020 12:12:13 PM



#70
 Pentachlorophenol
 Concen: 74.376 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	394600		
268	63.6	51.8	77.8	
264	61.8	51.0	76.6	





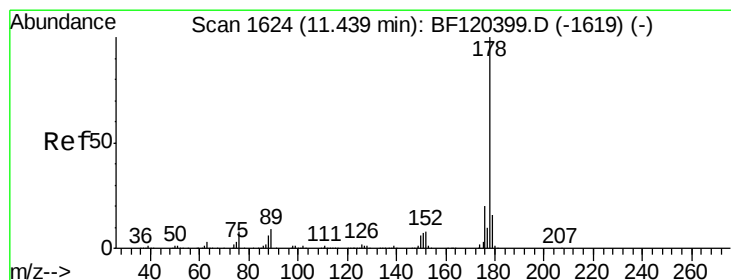
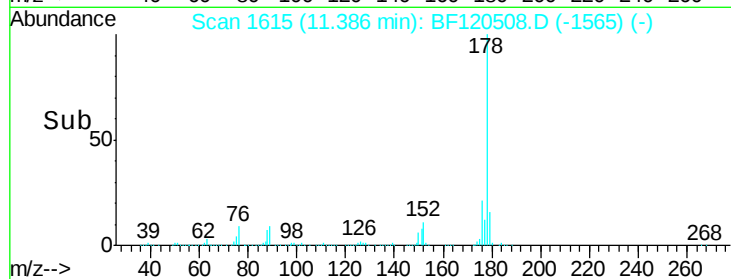
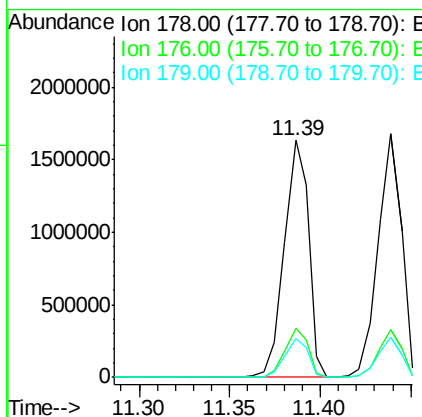
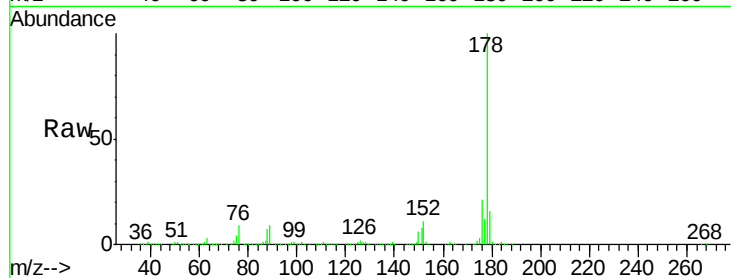
#71
Phenanthrene
Concen: 43.035 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

Tot Ion:178 Resp: 1530705
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 16.4 13.0 19.4

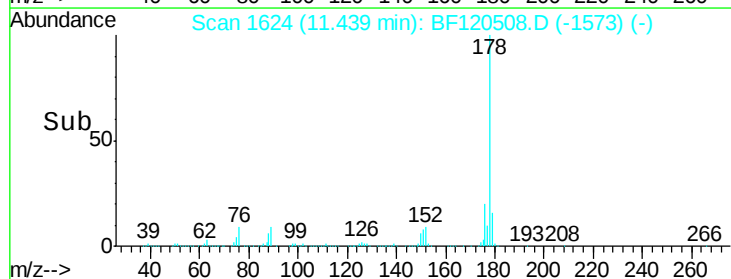
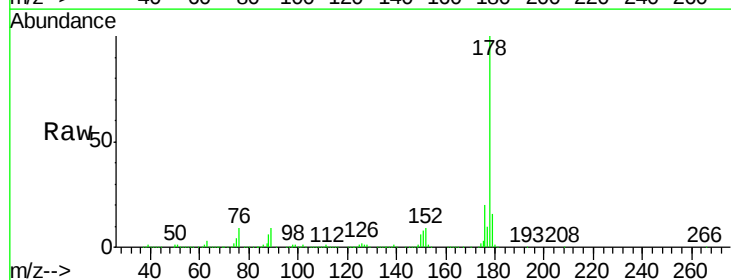
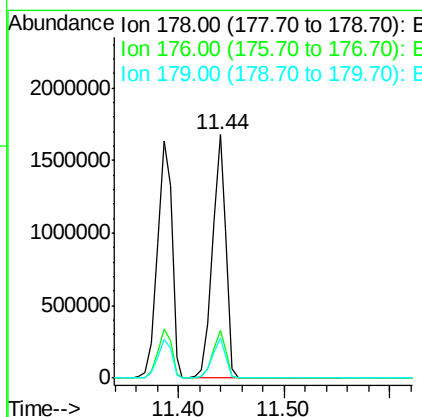
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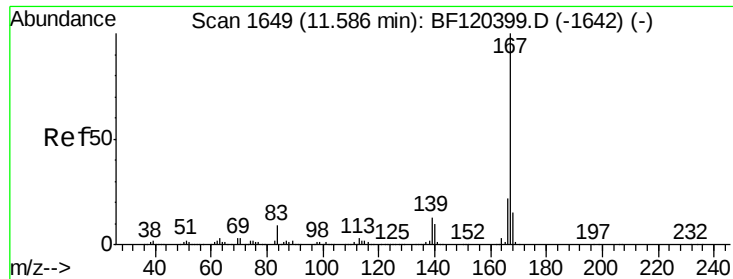
mohammad
6/4/2020 12:12:13 PM



#72
Anthracene
Concen: 42.582 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion:178 Resp: 1519644
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.3 13.1 19.7





#73
 Carbazole
 Concen: 38.807 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

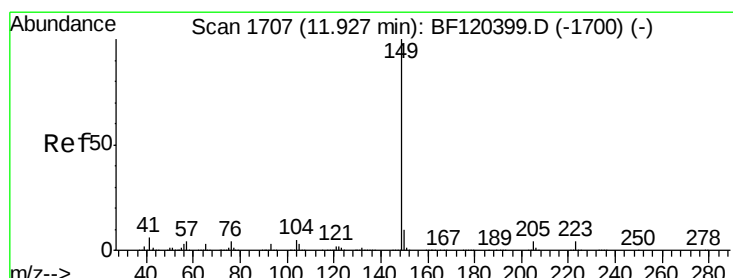
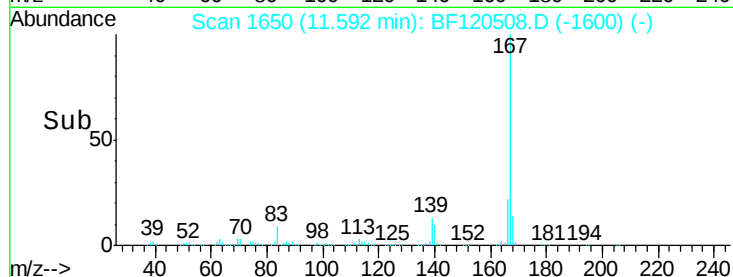
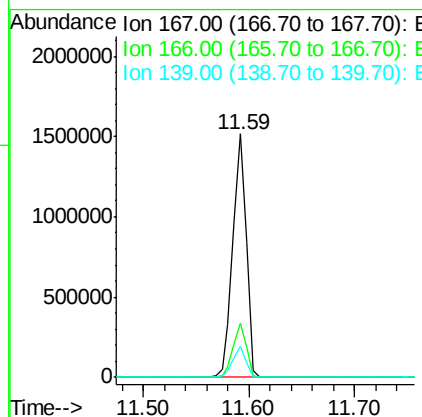
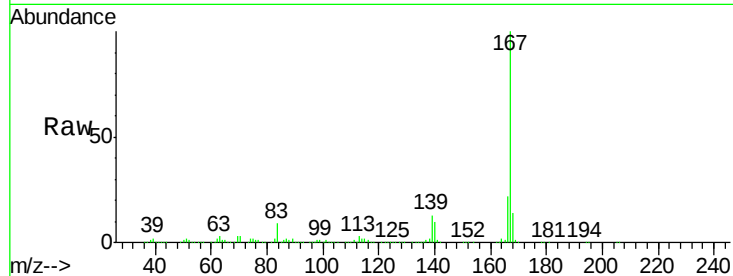
Instrument :
 BNA_F
 ClientSampleId :
 NM34-COMP-2020-0-6MS

Tot Ion:167 Resp: 1339552

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	12.9	10.2	15.2

Manual Integrations
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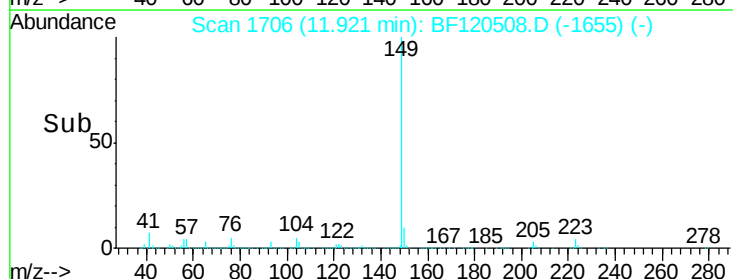
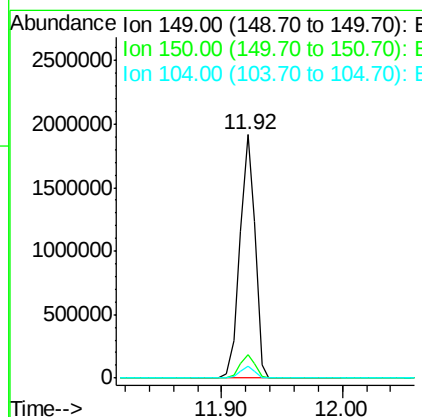
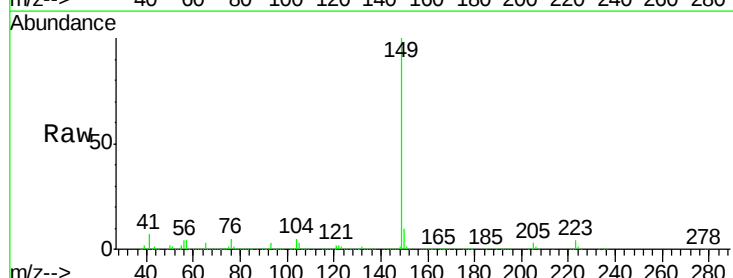
mohammad
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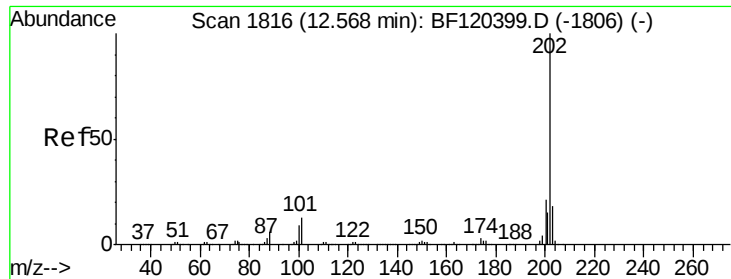


#74
 Di-n-butylphthalate
 Concen: 41.769 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion:149 Resp: 1677188

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.0	12.0
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 44.271 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

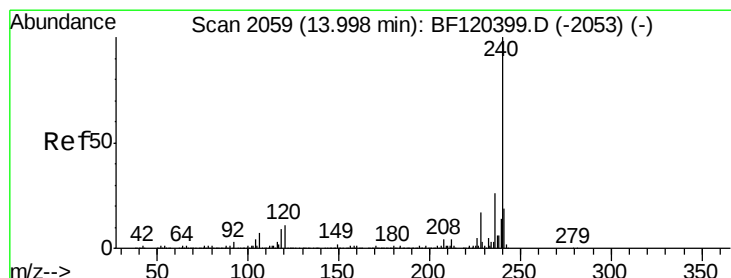
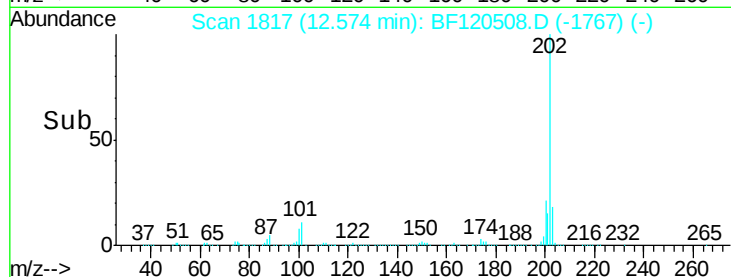
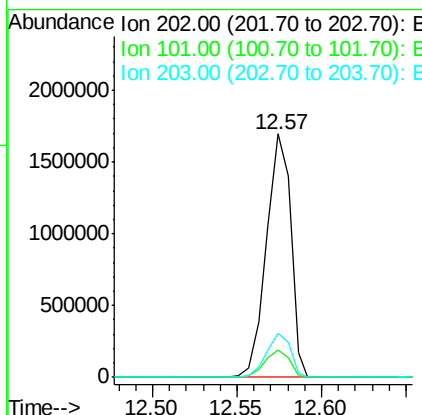
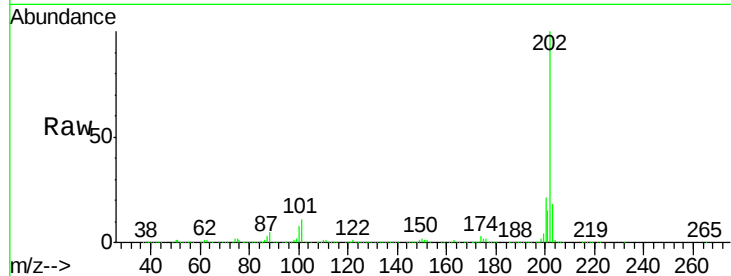
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	202	Resp:	1694374
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	18.1	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

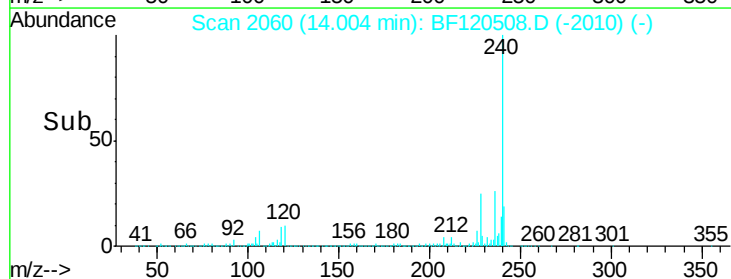
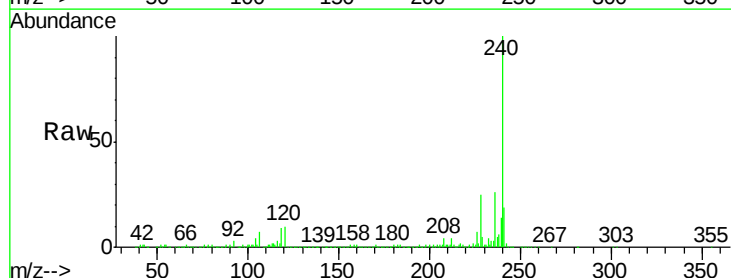
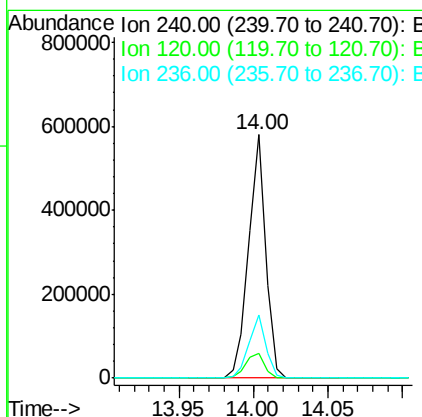
RT: 14.00 min Scan# 2060

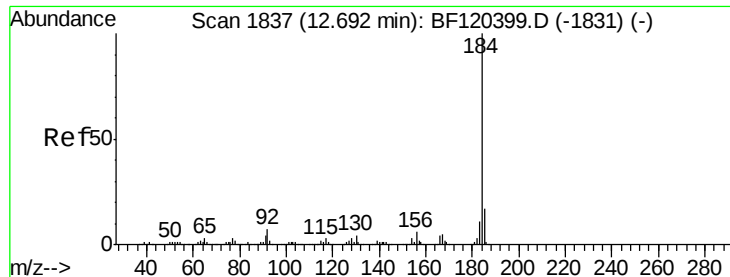
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	240	Resp:	461293
Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.9	11.9
236	26.0	21.1	31.7





#77

Benzidine

Concen: 37.339 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

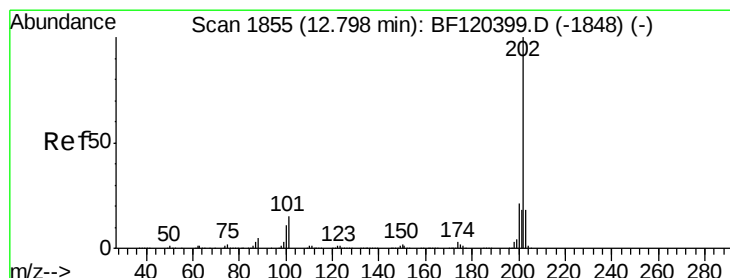
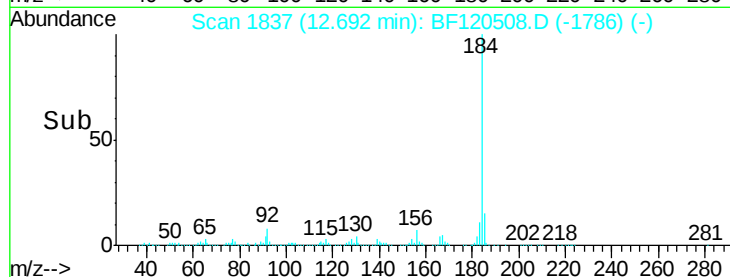
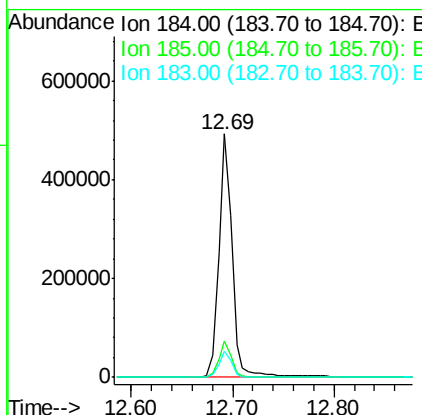
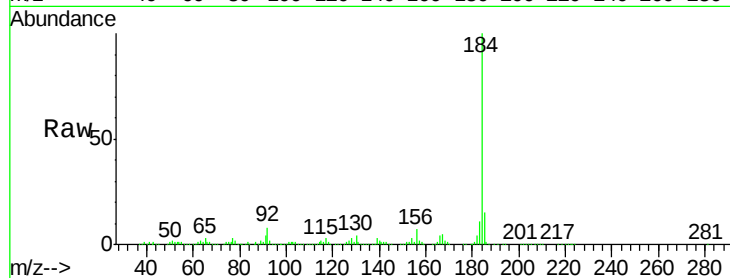
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	184	Resp:	452562
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.2	19.8
183	10.6	9.1	13.7

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#78

Pyrene

Concen: 50.275 ng

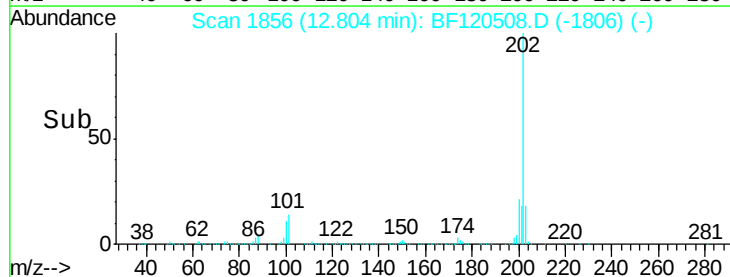
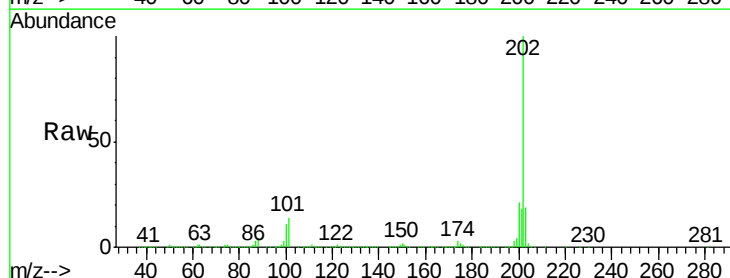
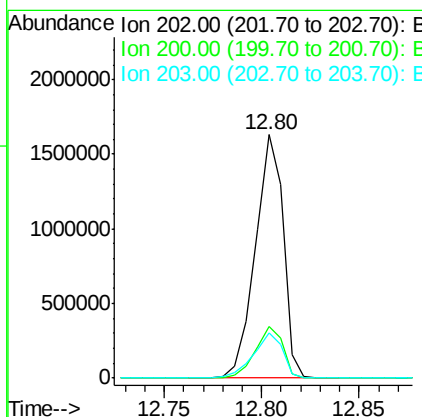
RT: 12.80 min Scan# 1856

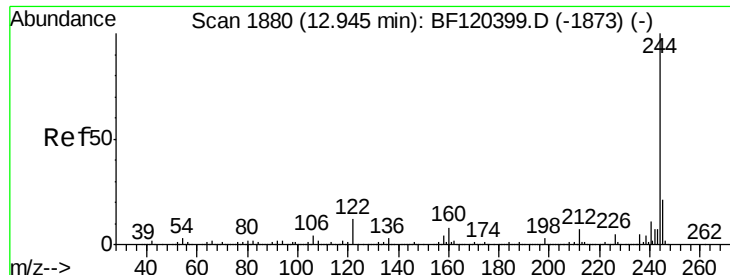
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	202	Resp:	1612820
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	18.5	14.5	21.7





#79

Terphenyl-d14

Concen: 68.533 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:244 Resp: 1420685

Ion Ratio Lower Upper

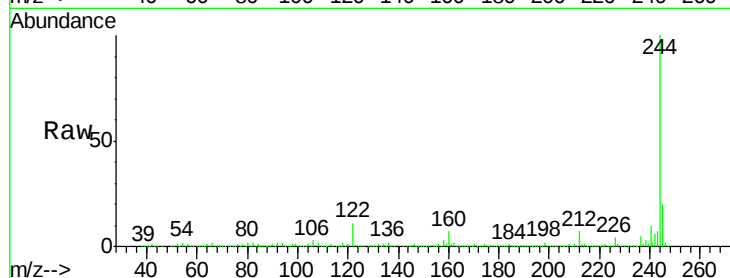
244 100

212 6.8 5.8 8.8

122 10.9 8.2 12.4

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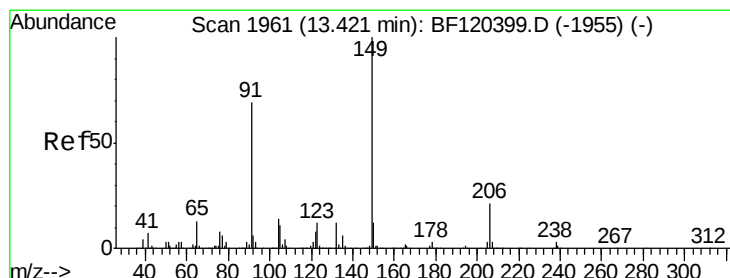
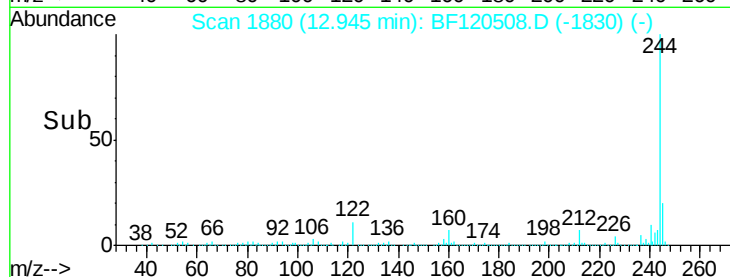
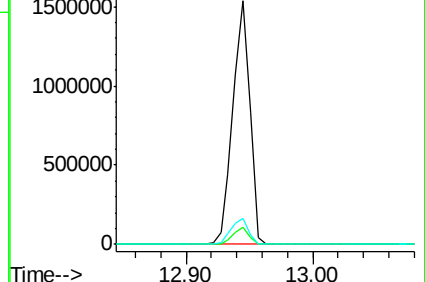
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.412 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

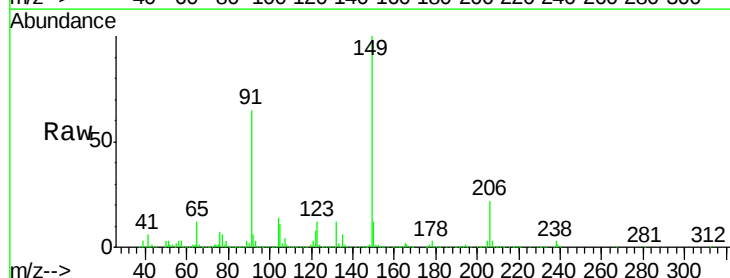
Tgt Ion:149 Resp: 621584

Ion Ratio Lower Upper

149 100

91 64.9 56.2 84.2

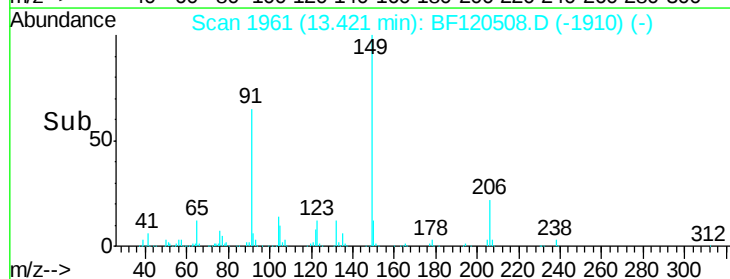
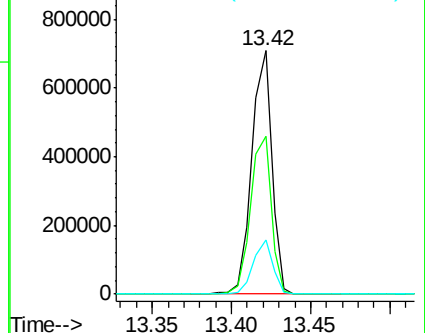
206 22.1 16.8 25.2

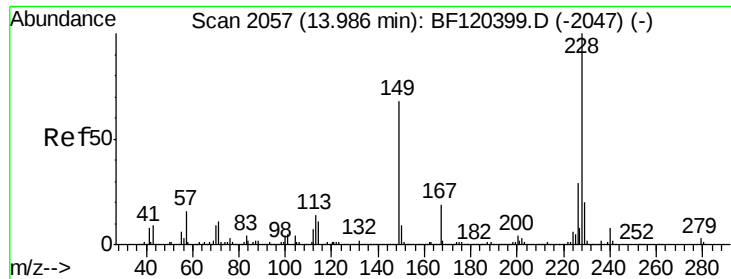


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.034 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

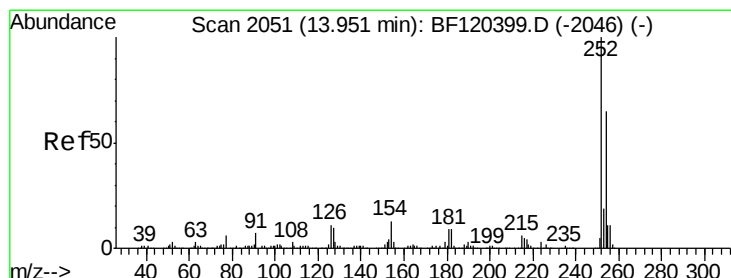
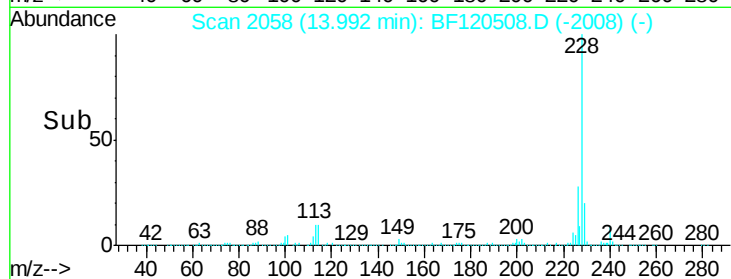
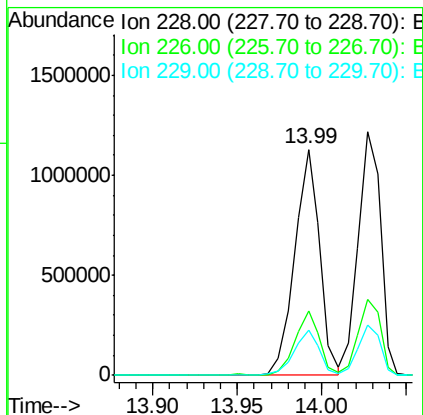
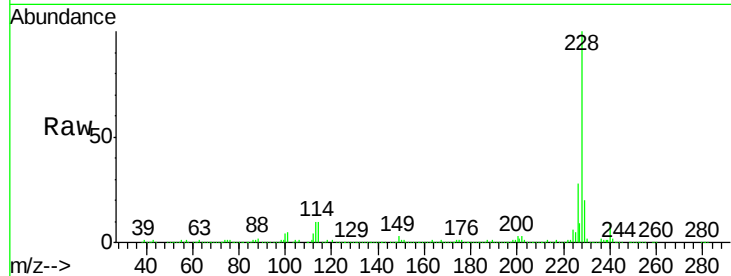
ClientSampleId :

NM34-COMP-2020-0-6MS

Tot Ion:	228	Resp:	1162816
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.3	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 34.402 ng

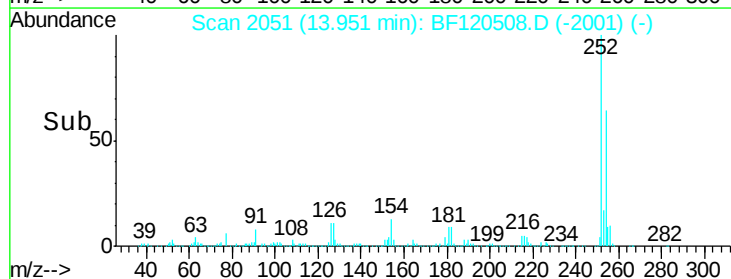
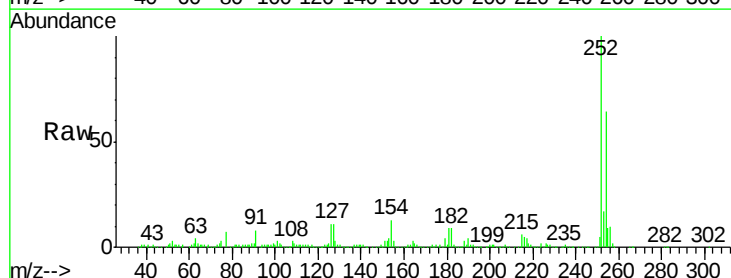
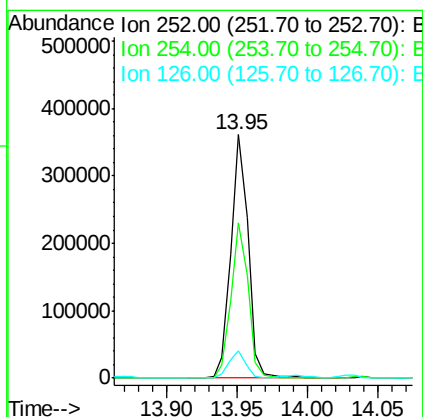
RT: 13.95 min Scan# 2051

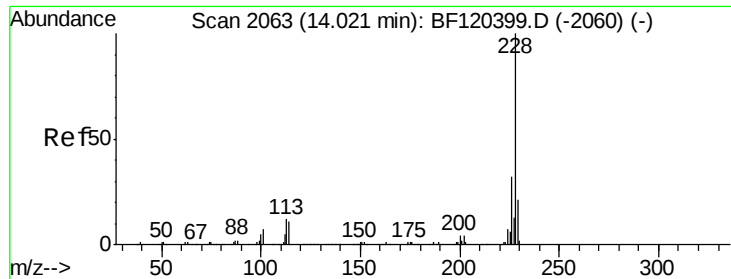
Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	252	Resp:	308783
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	11.2	9.6	14.4





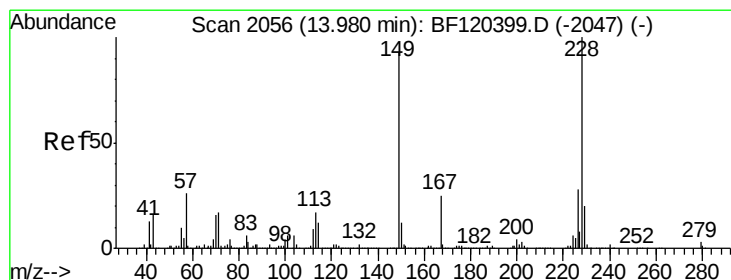
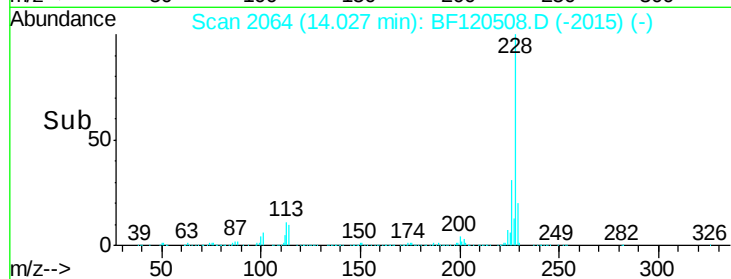
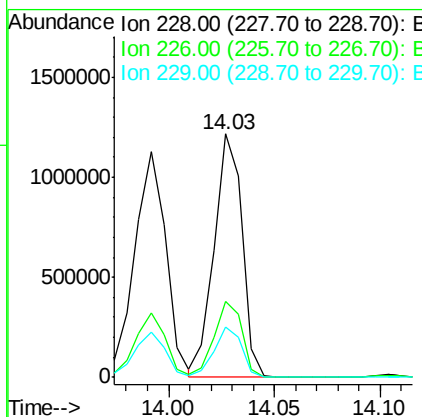
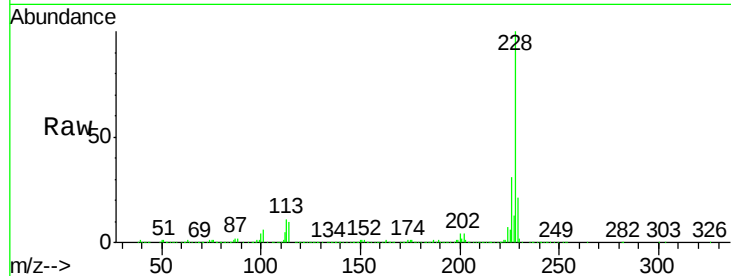
#83
 Chrysene
 Concen: 43.186 ng
 RT: 14.03 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion:228 Resp: 1119313
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.2 37.8
 229 20.6 16.1 24.1

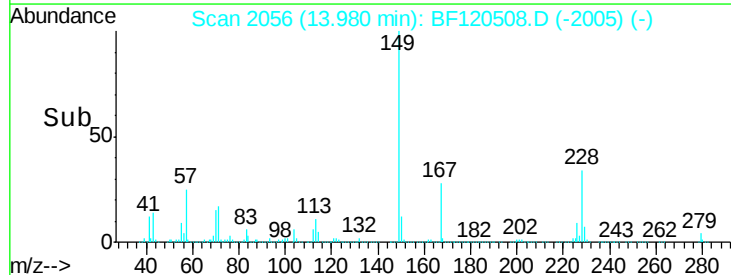
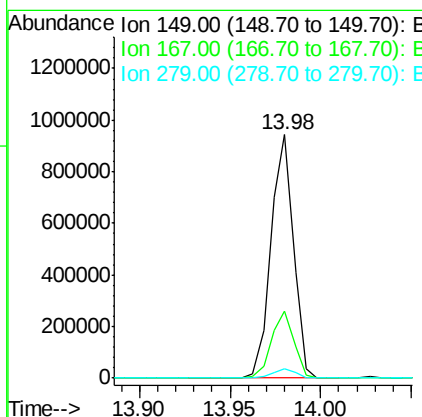
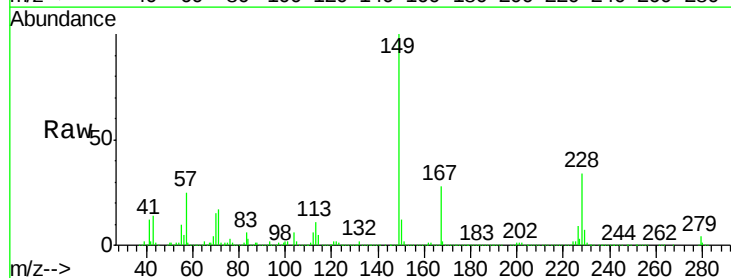
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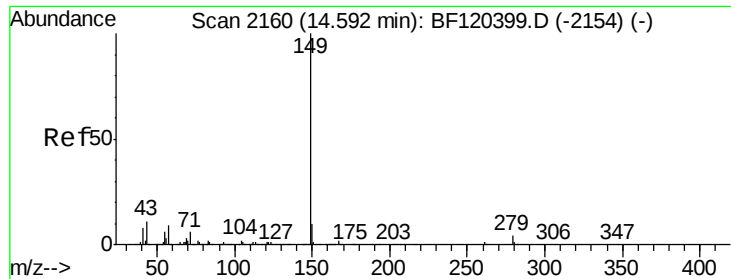
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.490 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion:149 Resp: 809484
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.0 33.0
 279 4.1 3.2 4.8





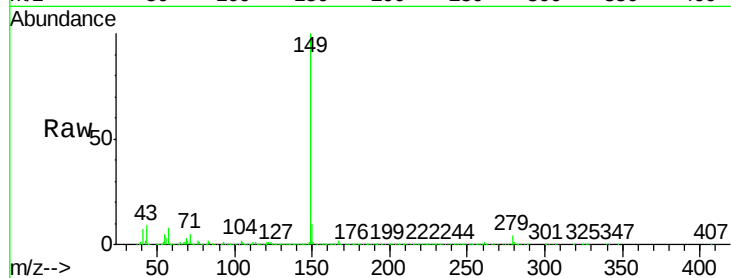
#85
Di-n-octyl phthalate
Concen: 47.614 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

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

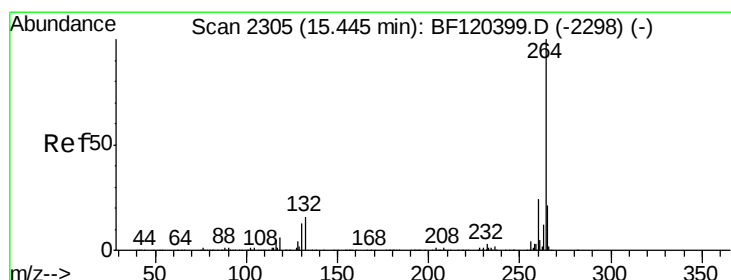
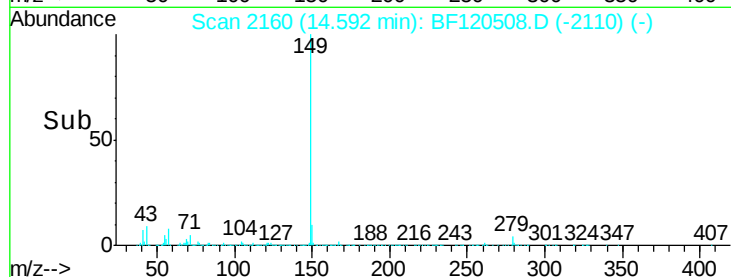
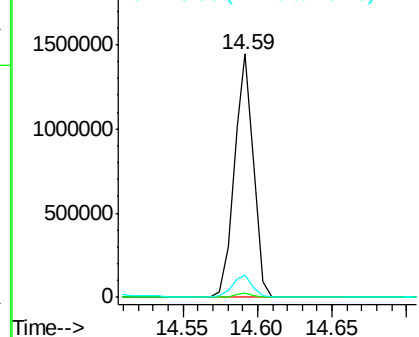
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1295254		
167	1.6		1.3	1.9	
43	9.3		7.8	11.8	

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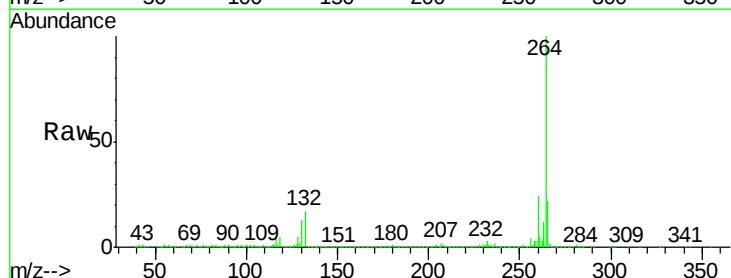


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

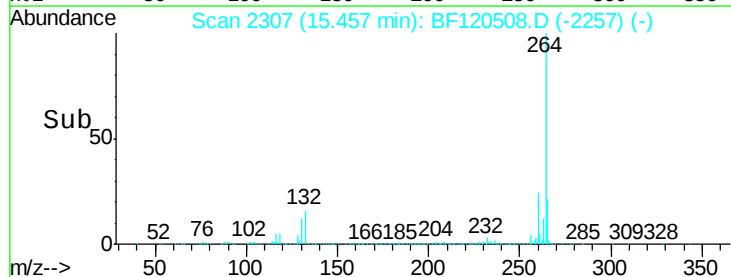
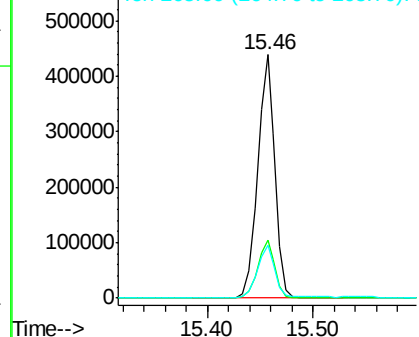


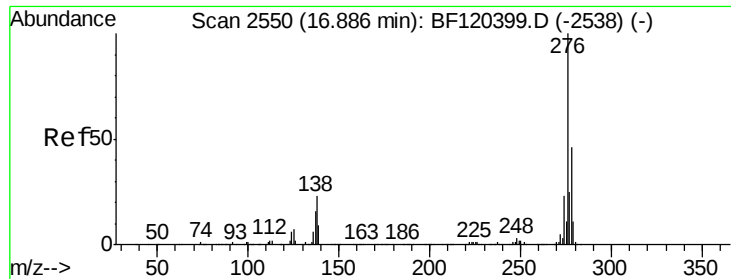
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120508.D
Acq: 3 Jun 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		499612		
260	23.7		19.8	29.8	
265	21.6		17.5	26.3	



Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





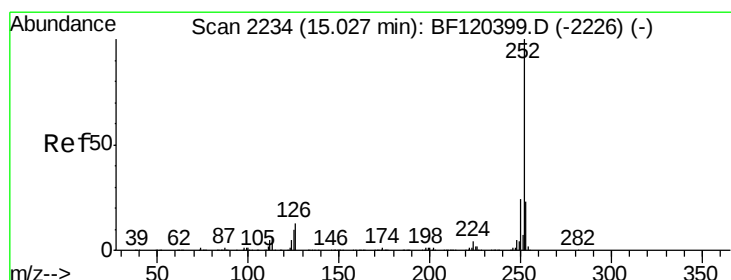
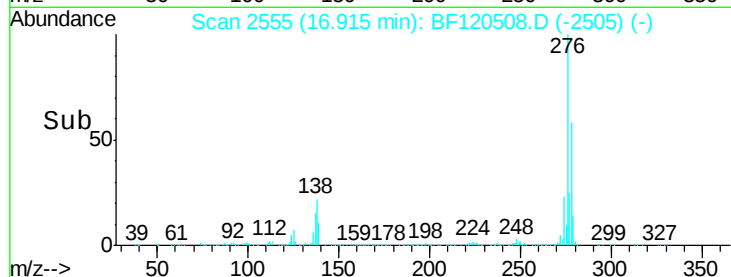
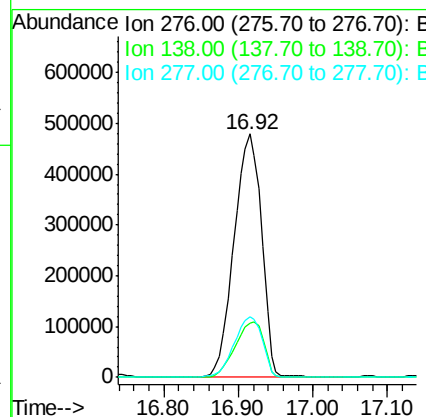
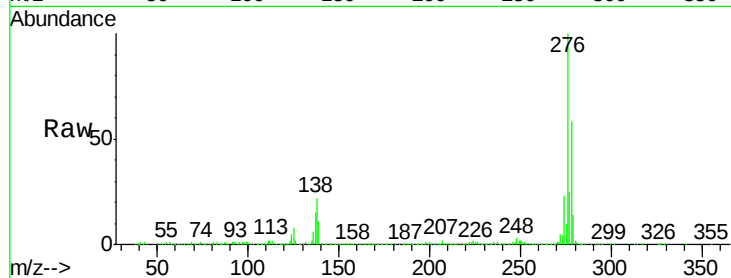
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.766 ng
 RT: 16.92 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.2	28.8
277	25.5	20.4	30.6

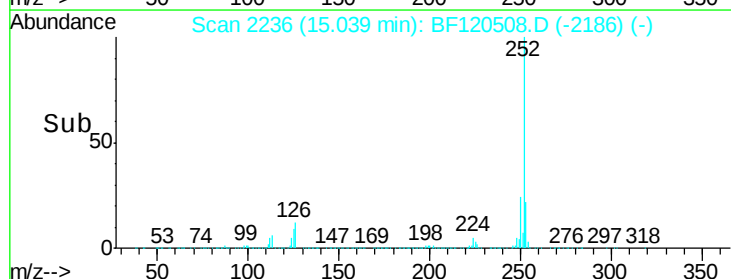
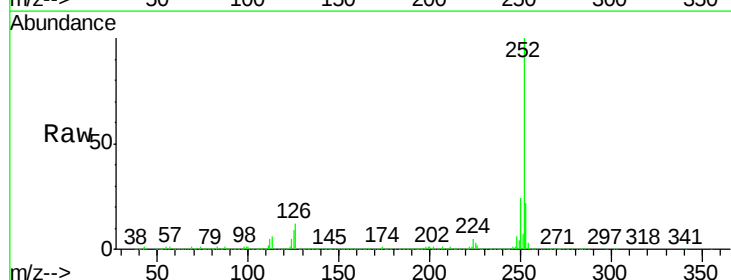
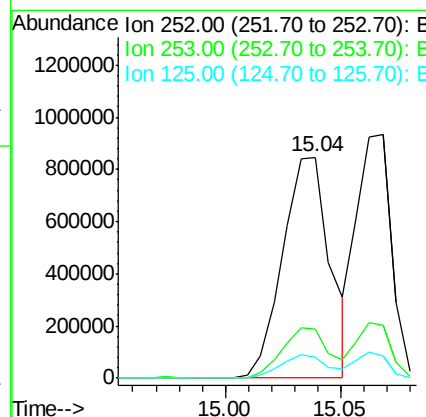
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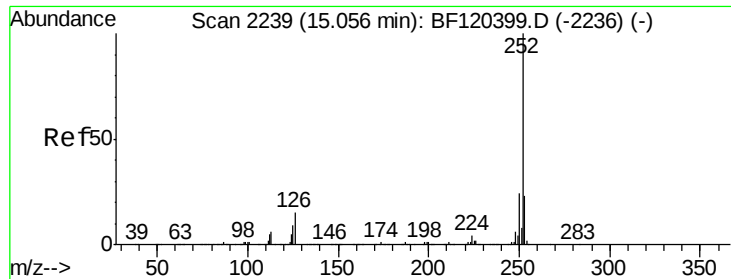
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 43.487 ng
 RT: 15.04 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF120508.D
 Acq: 3 Jun 2020 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.5	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 37.620 ng

RT: 15.07 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

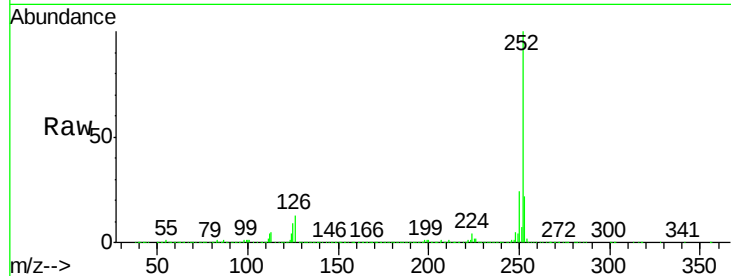
ClientSampleId :

NM34-COMP-2020-0-6MS

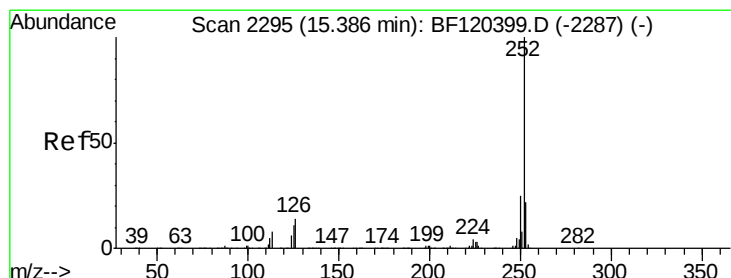
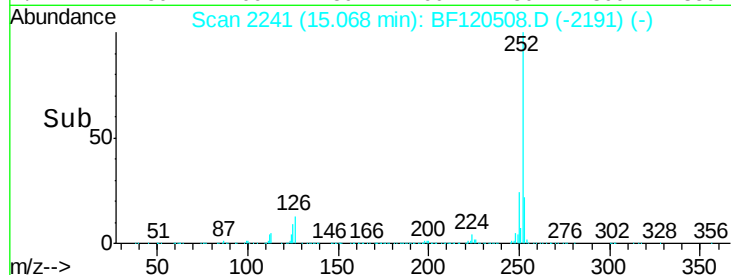
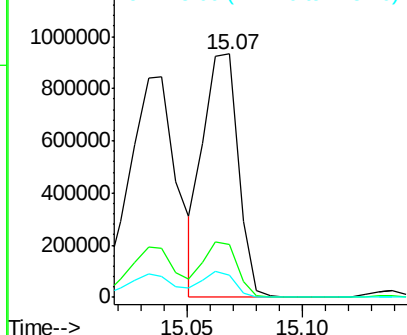
Tot Ion:	252	Resp:	974571
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	8.9	7.5	11.3

Manual Integrations
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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: 42.700 ng

RT: 15.40 min Scan# 2297

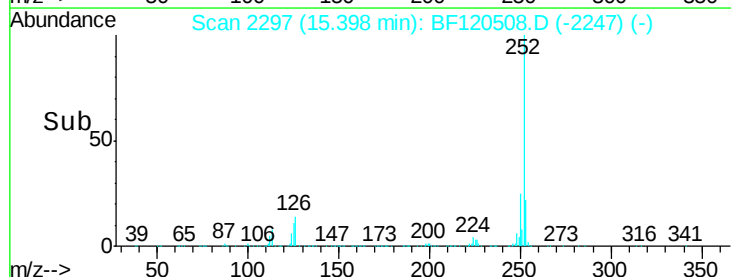
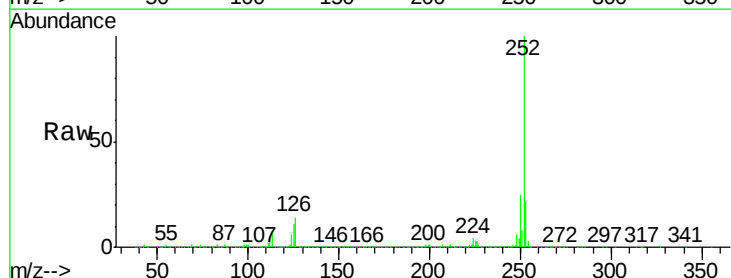
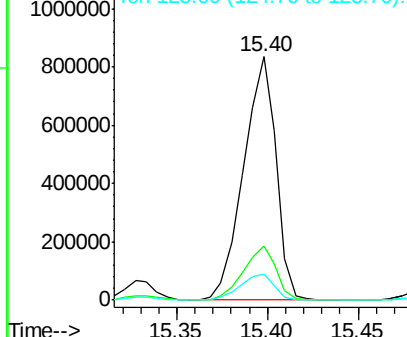
Delta R.T. -0.01 min

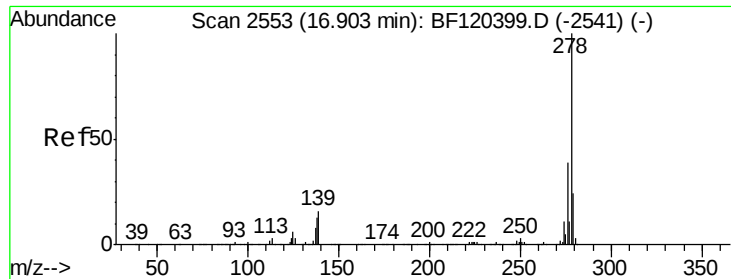
Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	252	Resp:	1036452
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	10.9	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: 43.673 ng

RT: 16.93 min Scan# 2557

Delta R.T. -0.02 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Instrument :

BNA_F

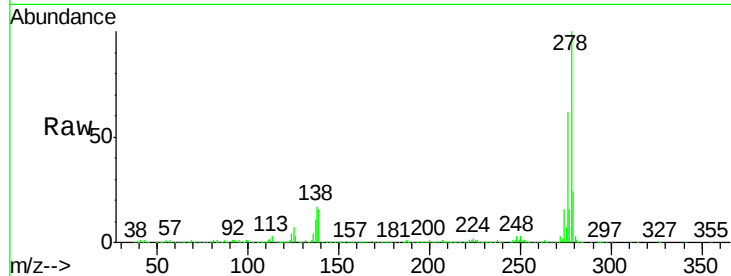
ClientSampleId :

NM34-COMP-2020-0-6MS

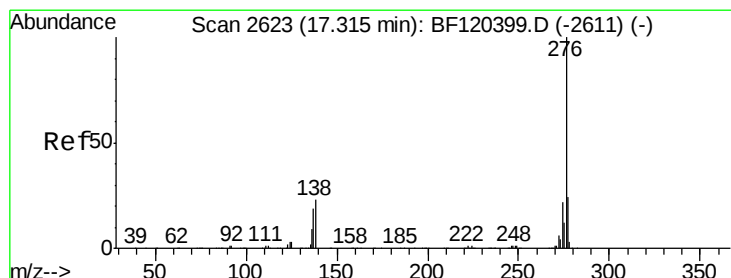
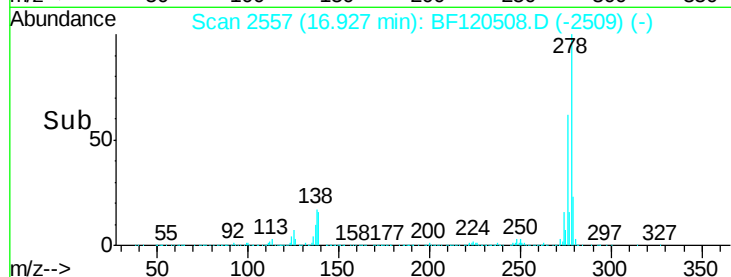
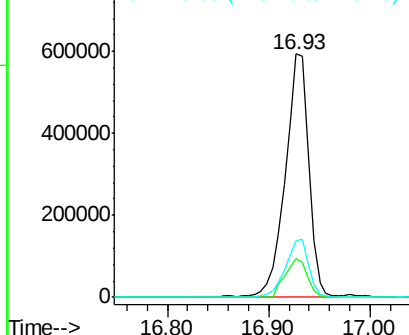
Tot Ion:	278	Resp:	972966
Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.6	17.4
279	23.6	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/4/2020 12:12:13 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: 46.276 ng

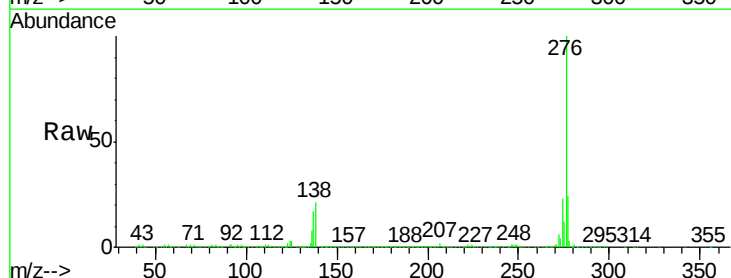
RT: 17.36 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BF120508.D

Acq: 3 Jun 2020 14:41

Tgt Ion:	276	Resp:	1016816
Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	20.9	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

