

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
 Data File : BF120470.D
 Acq On : 1 Jun 2020 14:52
 Operator : JU/CG
 Sample : L2792-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Manual Integrations
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Quant Time: Jun 02 09:36:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229685	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	878397	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	429589	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	758300	20.00	ng	0.00
76) Chrysene-d12	14.00	240	490729	20.00	ng	0.00
86) Perylene-d12	15.46	264	552518	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1168375	96.94	ng	0.02
7) Phenol-d6	6.48	99	1471954	99.09	ng	0.01
23) Nitrobenzene-d5	7.40	82	952964	70.97	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	409211	102.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1784691	70.49	ng	0.00
79) Terphenyl-d14	12.94	244	1635746	74.17	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	262966	44.05	ng	99
3) Pyridine	3.40	79	611805	37.00	ng	97
4) n-Nitrosodimethylamine	3.35	42	332390	47.50	ng	# 100
6) Aniline	6.50	93	700277m	33.81	ng	
8) 2-Chlorophenol	6.63	128	695872	51.21	ng	98
9) Benzaldehyde	6.39	77	379890	41.96	ng	99
10) Phenol	6.49	94	824677	50.77	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	736762	54.27	ng	97
12) 1,3-Dichlorobenzene	6.79	146	703802	47.14	ng	97
13) 1,4-Dichlorobenzene	6.86	146	708676	47.58	ng	98
14) 1,2-Dichlorobenzene	7.02	146	662760	48.17	ng	99
15) Benzyl Alcohol	6.99	79	549724	49.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	950681	44.42	ng	99
17) 2-Methylphenol	7.10	107	541102	44.53	ng	99
18) Hexachloroethane	7.36	117	238816	43.80	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	424926	45.00	ng	99
20) 3+4-Methylphenols	7.25	107	601957	39.21	ng	# 85
22) Acetophenone	7.25	105	815956	45.74	ng	# 92
24) Nitrobenzene	7.42	77	682877	47.21	ng	99
25) Isophorone	7.67	82	1231001	45.61	ng	98
26) 2-Nitrophenol	7.74	139	357713	54.85	ng	98
27) 2,4-Dimethylphenol	7.78	122	586102	51.75	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	778322	47.89	ng	99
29) 2,4-Dichlorophenol	7.98	162	553997	48.43	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	607501	47.32	ng	99
31) Naphthalene	8.15	128	1848314	47.91	ng	99
32) Benzoic acid	7.91	122	463859	55.19	ng	98
33) 4-Chloroaniline	8.20	127	514895	30.12	ng	98
34) Hexachlorobutadiene	8.26	225	349868	45.98	ng	99
35) Caprolactam	8.57	113	184471m	49.79	ng	
36) 4-Chloro-3-methylphenol	8.68	107	554911	47.81	ng	100
37) 2-Methylnaphthalene	8.84	142	1231634	48.20	ng	99
38) 1-Methylnaphthalene	8.94	142	1167552	48.41	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	582559	52.88	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	331433	53.91	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	409523	51.40	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	423142	46.85	ng	97
46) 1,1'-Biphenyl	9.30	154	1479758	52.44	ng	99
47) 2-Chloronaphthalene	9.33	162	1134784	48.83	ng	98
48) 2-Nitroaniline	9.42	65	363047	51.29	ng	97
49) Acenaphthylene	9.75	152	1800313	50.13	ng	99
50) Dimethylphthalate	9.60	163	1591490	59.26	ng	99
51) 2,6-Dinitrotoluene	9.66	165	297386	49.83	ng	95
52) Acenaphthene	9.92	154	1134618	50.63	ng	100
53) 3-Nitroaniline	9.83	138	238427	34.02	ng	99
54) 2,4-Dinitrophenol	9.93	184	158089	67.12	ng	94
55) Dibenzofuran	10.09	168	1579257	48.49	ng	100
56) 4-Nitrophenol	10.00	139	506021	94.31	ng	96
57) 2,4-Dinitrotoluene	10.07	165	385091	50.41	ng	86
58) Fluorene	10.43	166	1148747	47.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	346928	49.30	ng	99
60) Diethylphthalate	10.30	149	1300056	47.90	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	576658	43.52	ng	96
62) 4-Nitroaniline	10.45	138	285270	43.11	ng	98
63) Azobenzene	10.58	77	1192572	46.72	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	112866	40.81	ng	81
66) n-Nitrosodiphenylamine	10.54	169	1081708	51.35	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	380083	49.66	ng	96
68) Hexachlorobenzene	10.97	284	407330	49.97	ng	96
69) Atrazine	11.07	200	293788	49.48	ng	99
70) Pentachlorophenol	11.17	266	456988	91.69	ng	97
71) Phenanthrene	11.39	178	1796654	53.77	ng	100
72) Anthracene	11.44	178	1698280	50.66	ng	99
73) Carbazole	11.59	167	1519154	46.85	ng	100
74) Di-n-butylphthalate	11.93	149	1884389	49.96	ng	99
75) Fluoranthene	12.58	202	2002123	55.69	ng	98
77) Benzidine	12.70	184	444490	34.47	ng	97
78) Pyrene	12.81	202	1991031	58.34	ng	100
80) Butylbenzylphthalate	13.43	149	715260	50.20	ng	93
81) Benzo(a)anthracene	14.00	228	1523167	57.91	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	475688	49.82	ng	99
83) Chrysene	14.03	228	1510929	54.80	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	900566	53.85	ng	# 97
85) Di-n-octyl phthalate	14.60	149	1582258	54.68	ng	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1563327	51.73	ng	98
88) Benzo(b)fluoranthene	15.04	252	1789487	58.31	ng	99
89) Benzo(k)fluoranthene	15.07	252	1302782	45.47	ng	99
90) Benzo(a)pyrene	15.40	252	1458235	54.32	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1190967	48.34	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1290224	53.10	ng	97

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

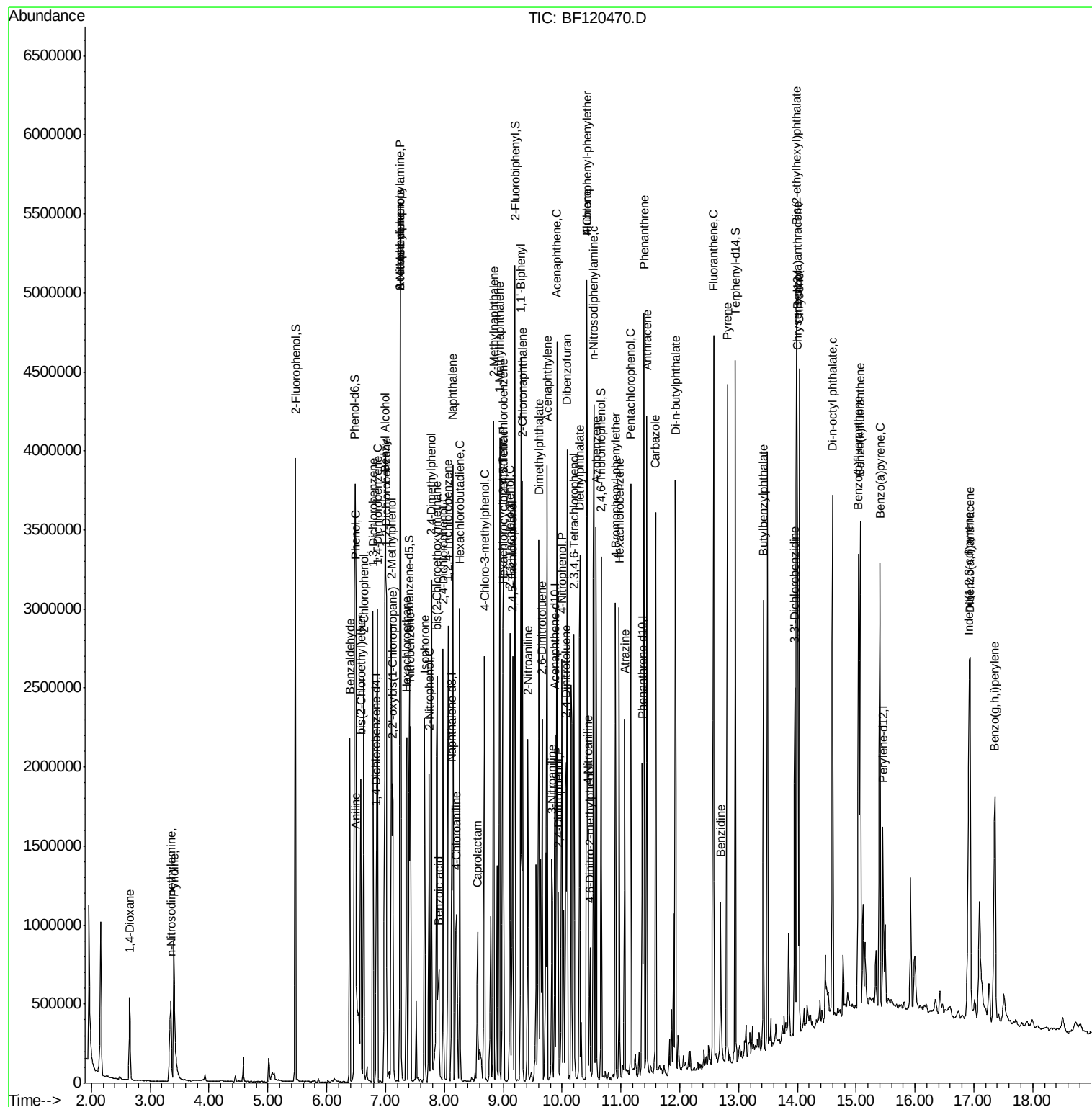
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060120\
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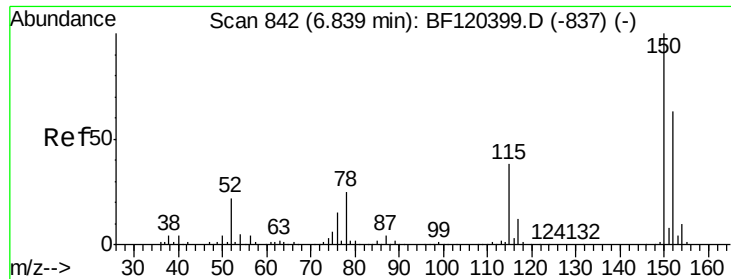
Instrument :
BNA_F
Client Sample ID :
NM28-COMP-2020-0-6MSD

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#1

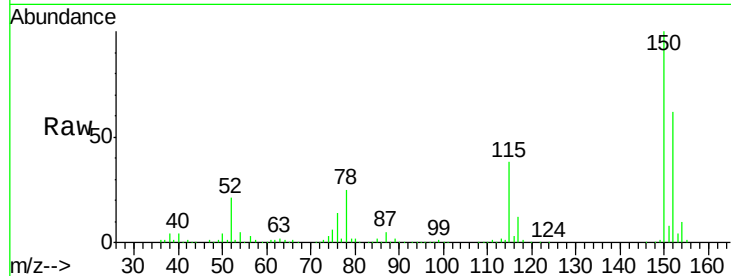
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

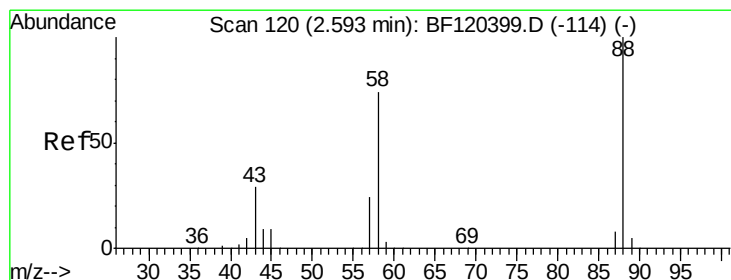
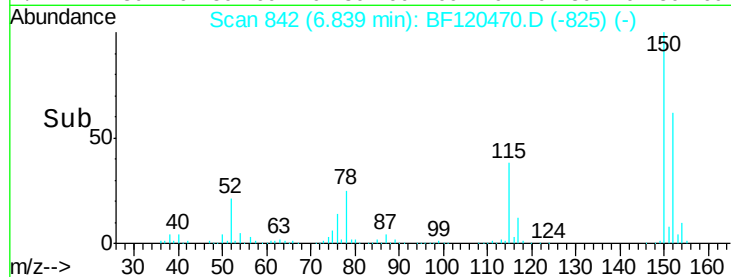
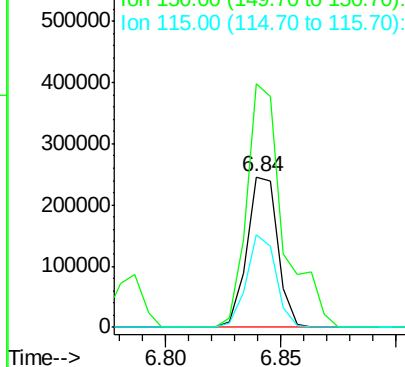
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.5	189.7
115	61.7	47.6	71.4

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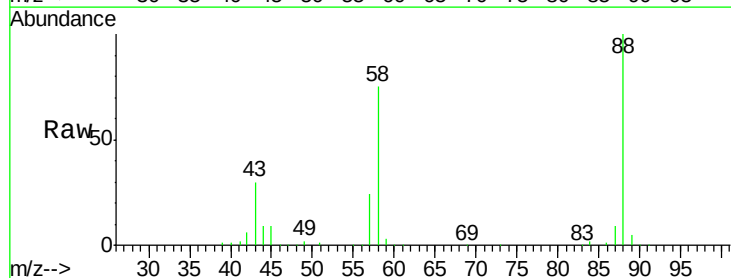
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



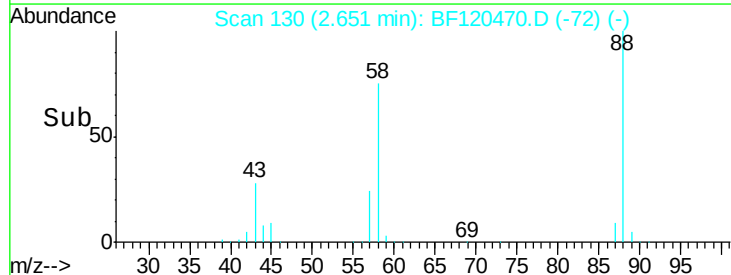
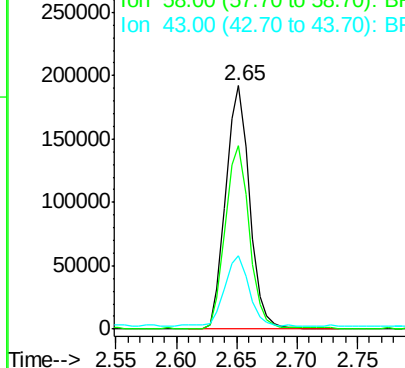
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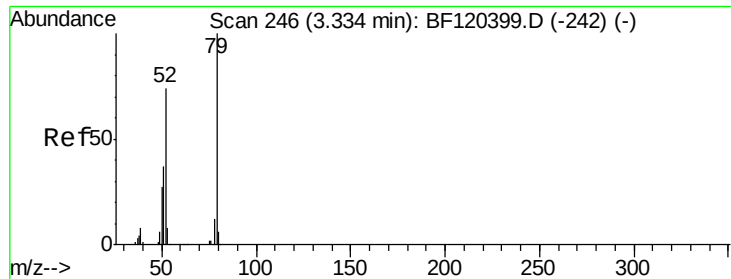
1,4-Dioxane
Concen: 44.05 ng
RT: 2.65 min Scan# 130
Delta R.T. 0.04 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	61.0	91.4
43	29.4	23.6	35.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 37.00 ng

RT: 3.40 min Scan# 257

Delta R.T. 0.04 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

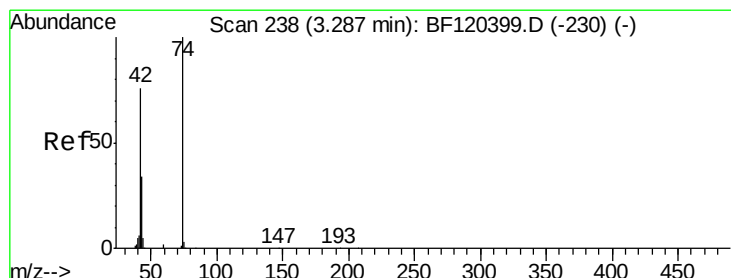
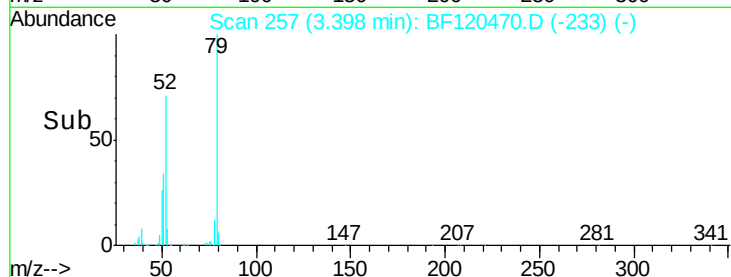
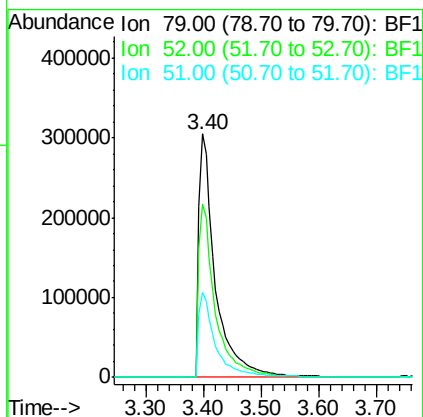
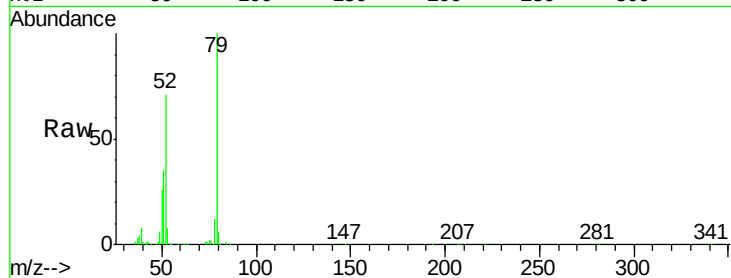
ClientSampleId :

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Tgt Ion:	79	Resp:	611805
Ion	Ratio	Lower	Upper
79	100		
52	71.2	59.2	88.8
51	34.7	29.4	44.2

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#4

n-Nitrosodimethylamine

Concen: 47.50 ng

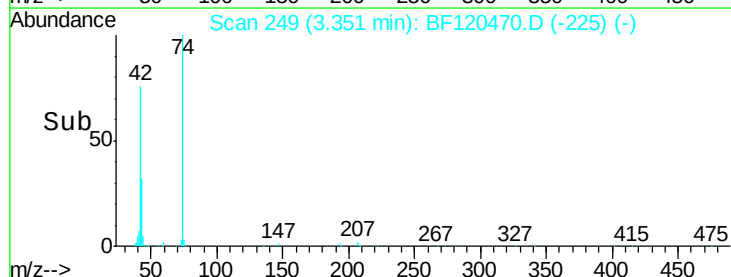
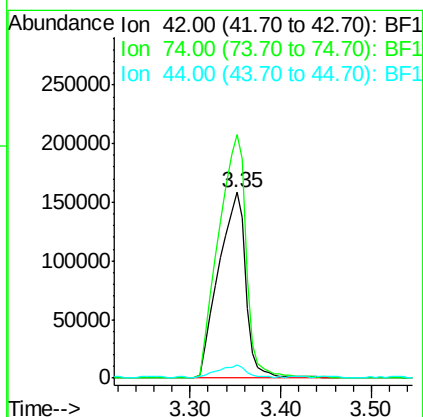
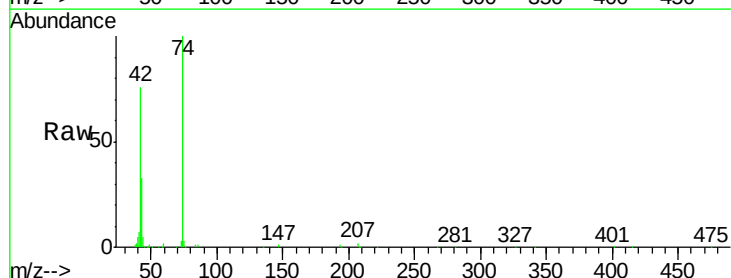
RT: 3.35 min Scan# 249

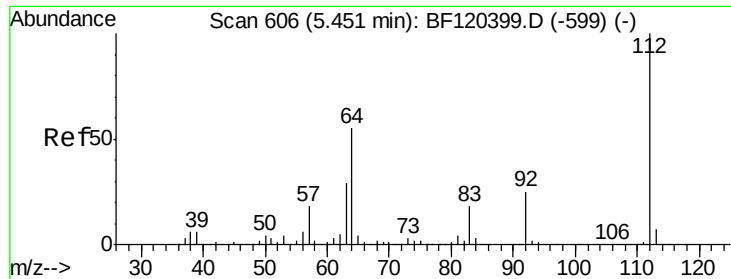
Delta R.T. 0.04 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:	42	Resp:	332390
Ion	Ratio	Lower	Upper
42	100		
74	131.2	104.8	157.2
44	6.8	7.0	10.4





#5

2-Fluorophenol

Concen: 96.94 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

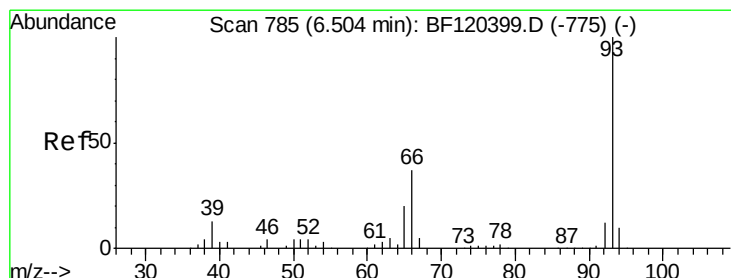
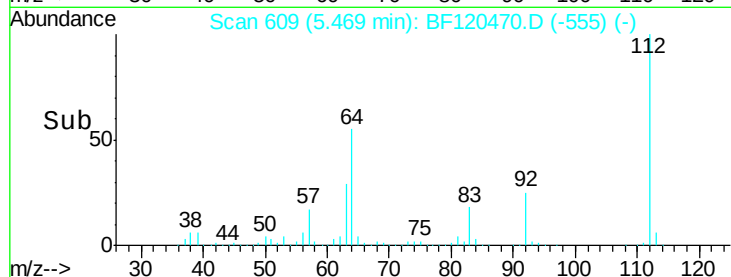
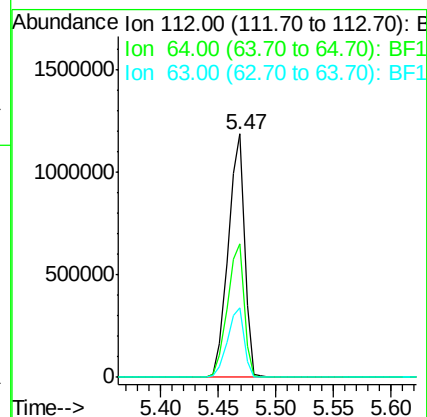
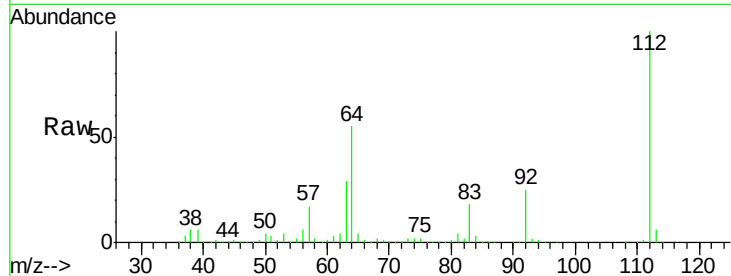
ClientSampleId :

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Tgt Ion:	112	Resp:	1168375
Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.6	22.9	34.3

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#6

Aniline

Concen: 33.81 ng m

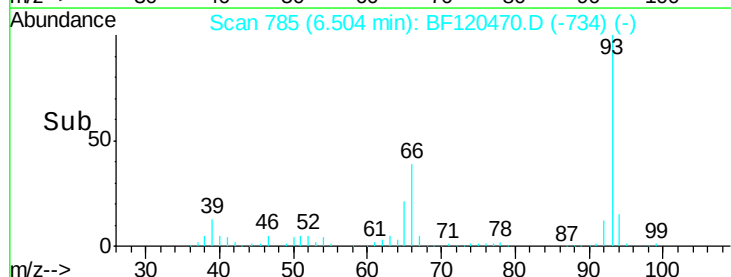
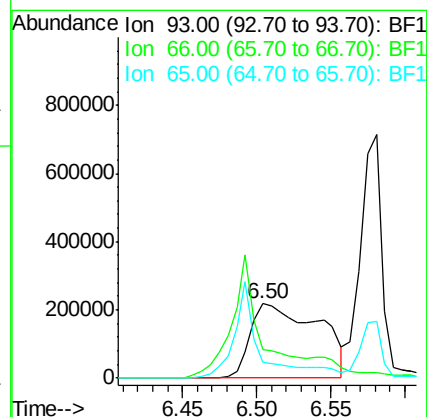
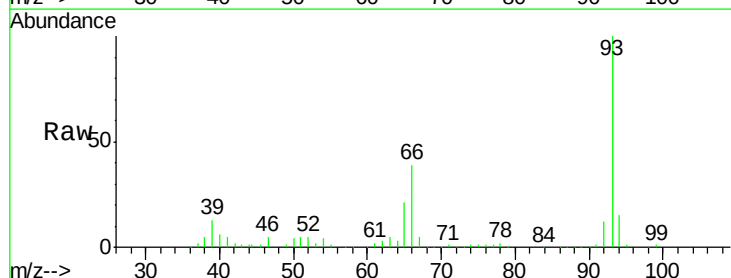
RT: 6.50 min Scan# 785

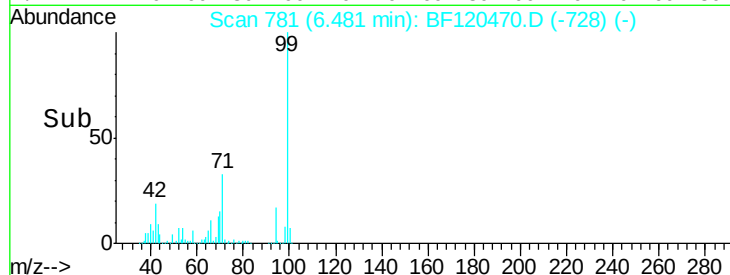
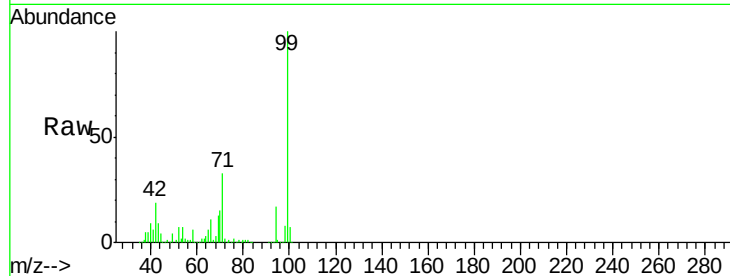
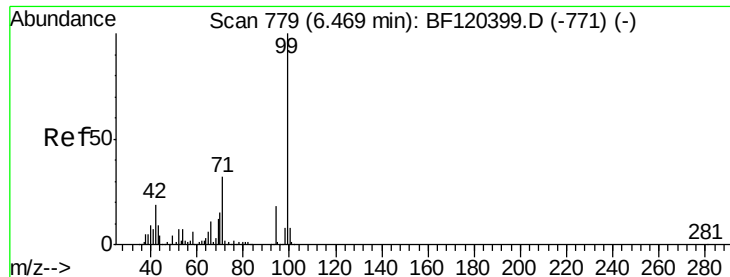
Delta R.T. 0.00 min

Lab File: BF120470.D

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Tgt Ion:	93	Resp:	700277
Ion	Ratio	Lower	Upper
93	100		
66	38.9	30.4	45.6
65	20.7	16.3	24.5





#7

Phenol-d6

Concen: 99.09 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.2	22.8
71	32.6	25.6	38.4

Instrument :

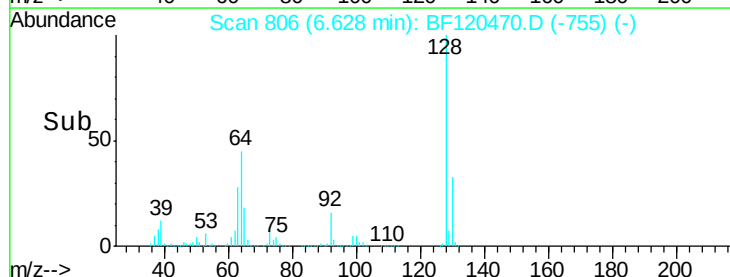
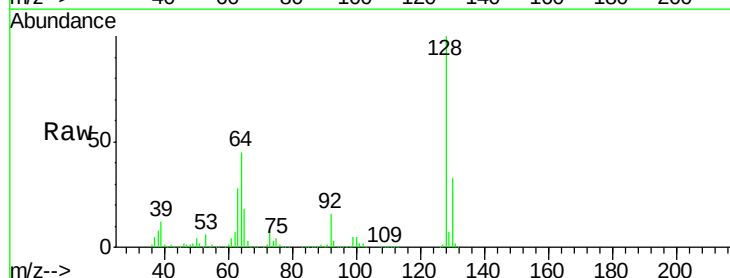
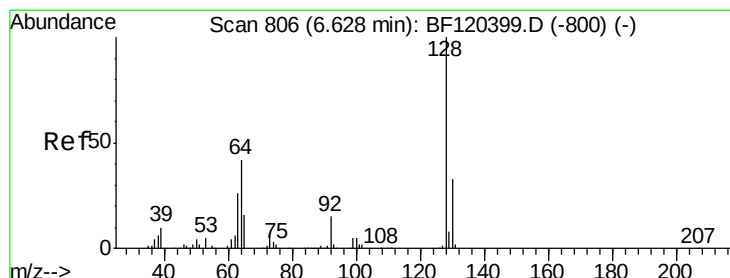
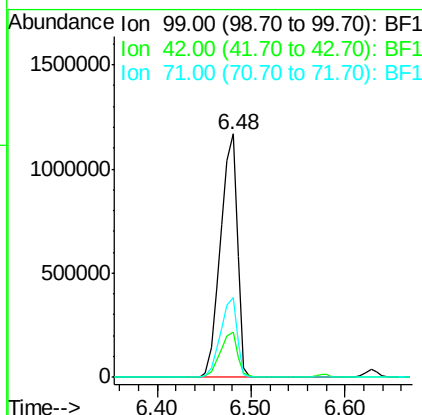
BNA_F

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#8

2-Chlorophenol

Concen: 51.21 ng

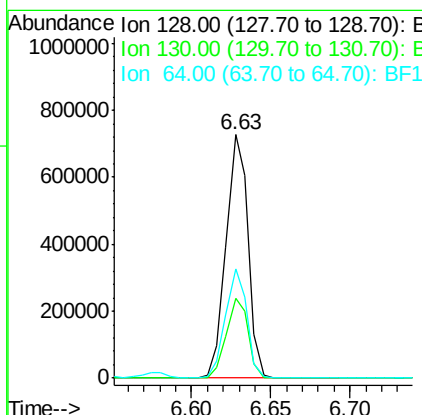
RT: 6.63 min Scan# 806

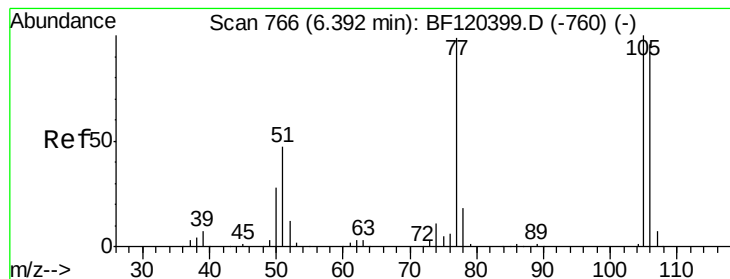
Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	45.1	23.2	63.2





#9

Benzaldehyde

Concen: 41.96 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

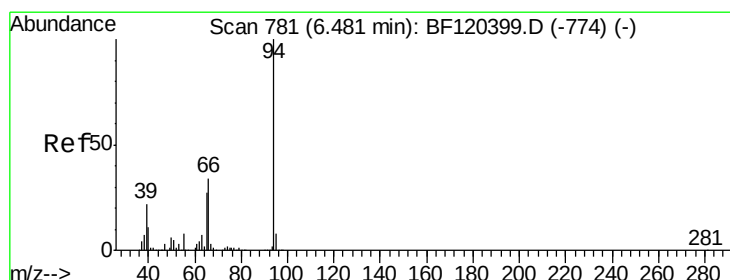
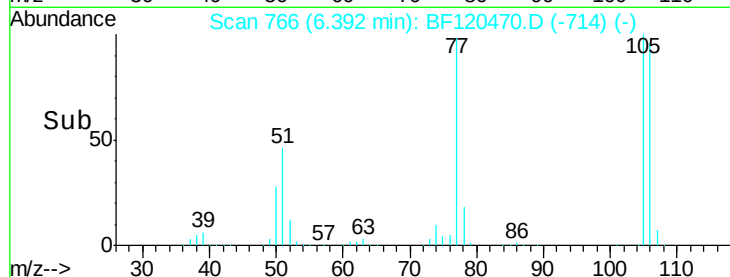
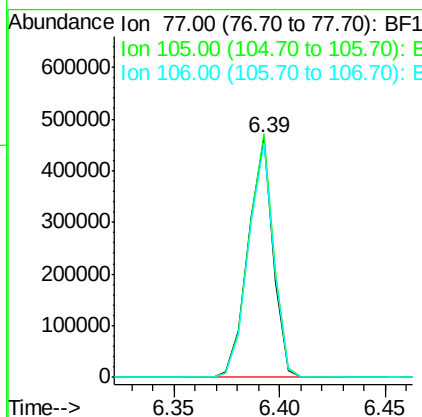
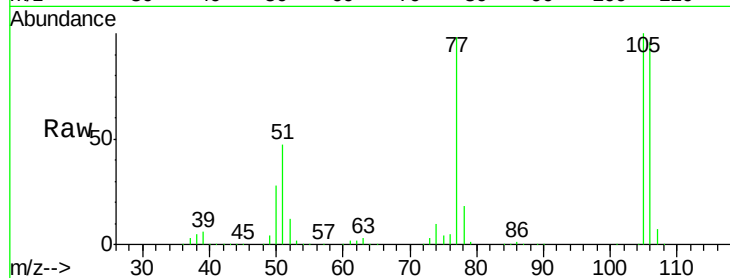
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Tgt Ion:	77	Resp:	379890
Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.5	121.5
106	98.1	77.4	117.4

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#10

Phenol

Concen: 50.77 ng

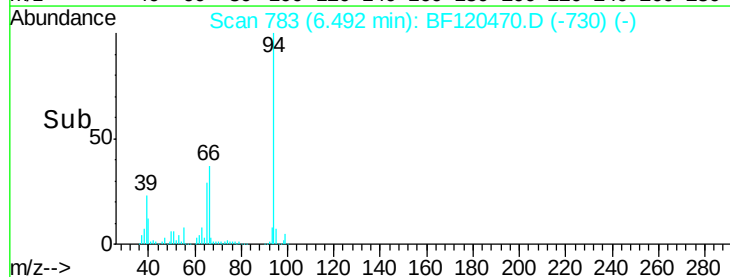
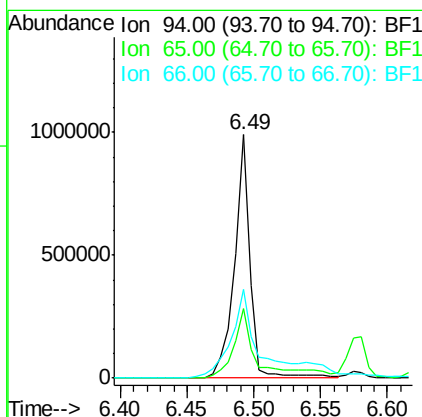
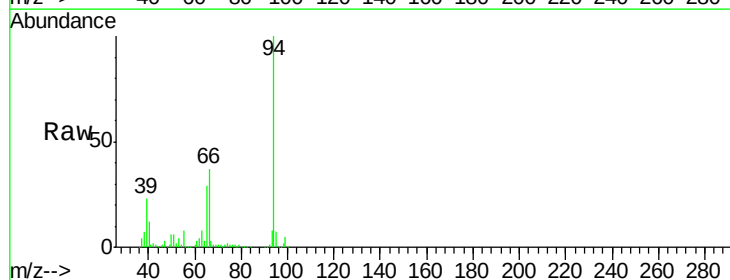
RT: 6.49 min Scan# 783

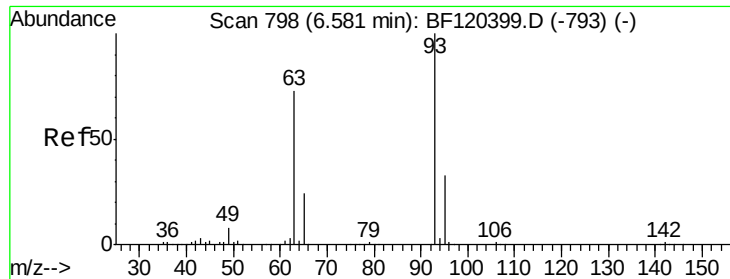
Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:	94	Resp:	824677
Ion	Ratio	Lower	Upper
94	100		
65	28.7	6.8	46.8
66	36.6	13.9	53.9





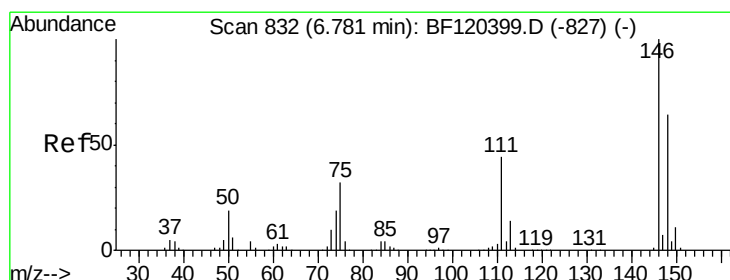
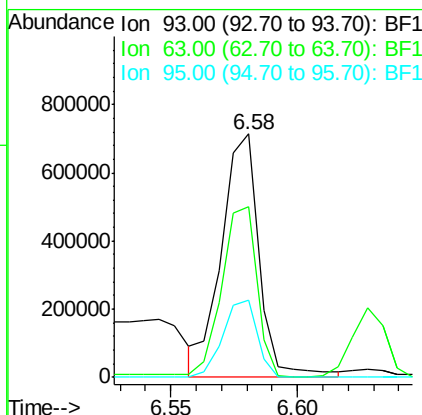
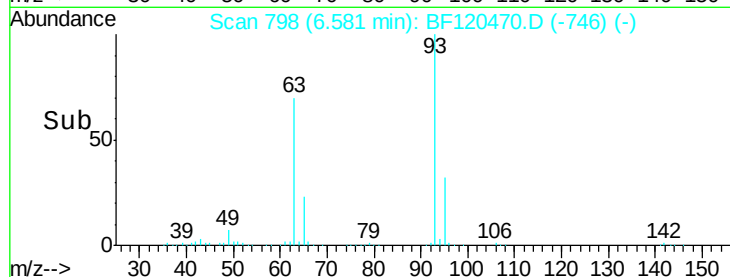
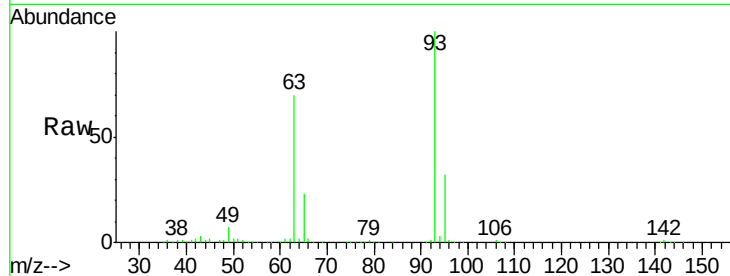
#11
bis(2-Chloroethyl)ether
Concen: 54.27 ng
RT: 6.58 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	736762		
63	69.9	52.8	92.8	
95	31.8	12.6	52.6	

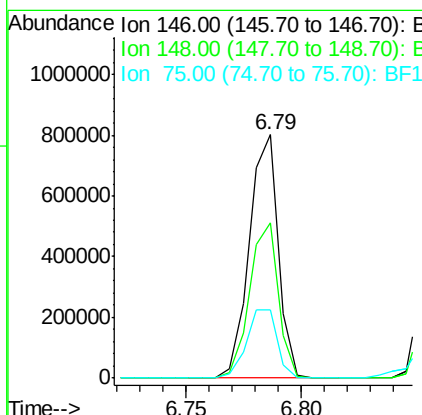
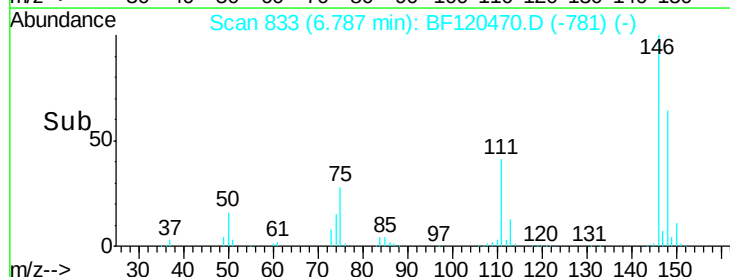
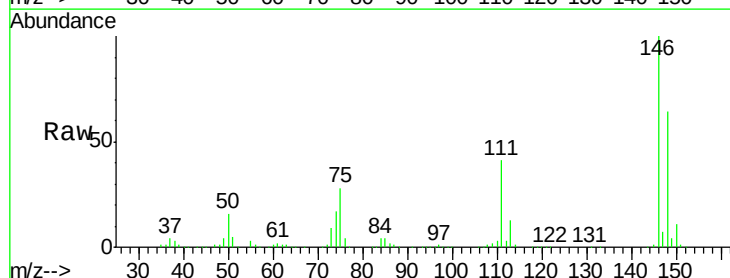
Manual Integrations
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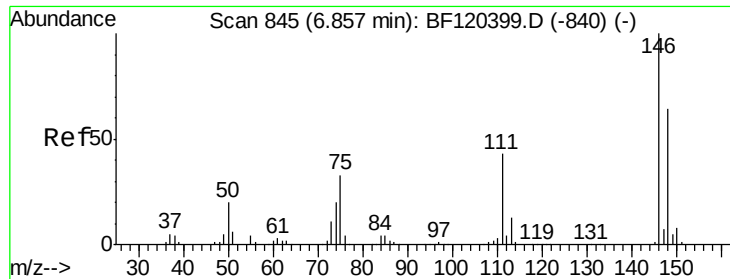
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.14 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	703802		
148	64.0	51.2	76.8	
75	28.0	25.9	38.9	





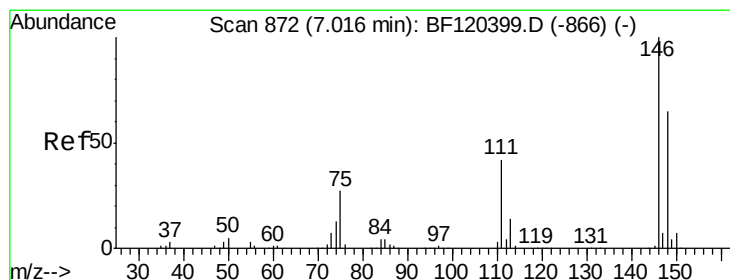
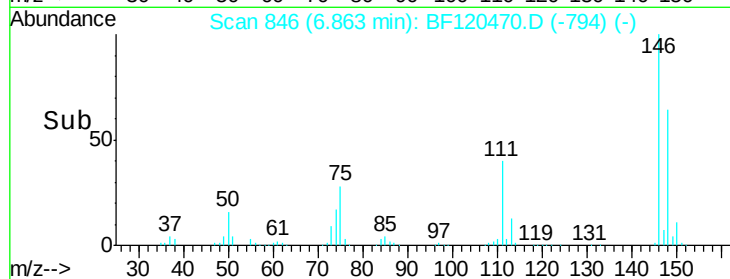
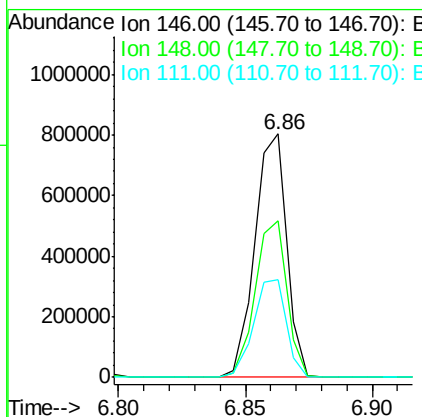
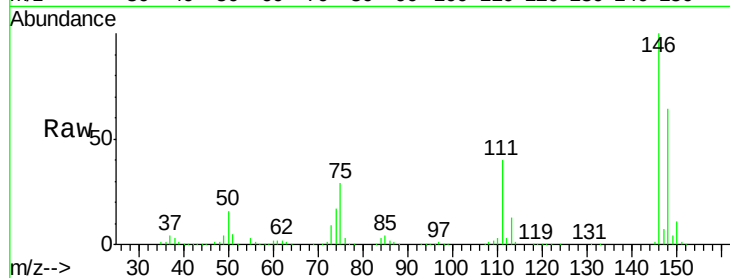
#13
 1,4-Dichlorobenzene
 Concen: 47.58 ng
 RT: 6.86 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	40.2	34.2	51.4

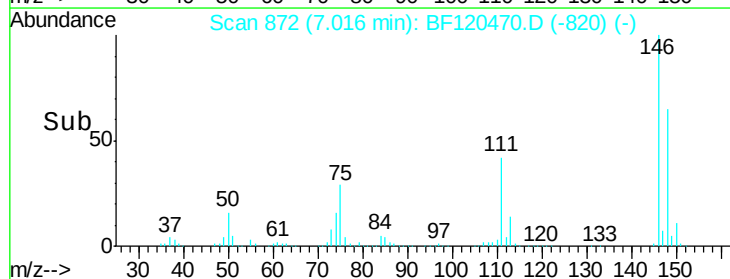
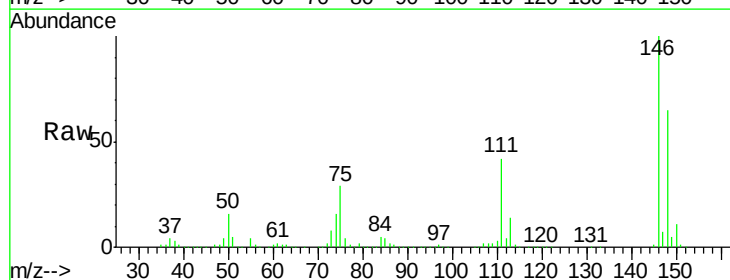
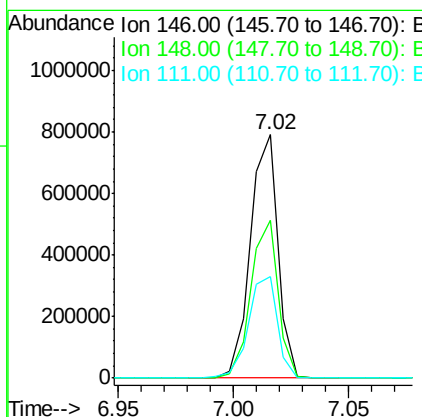
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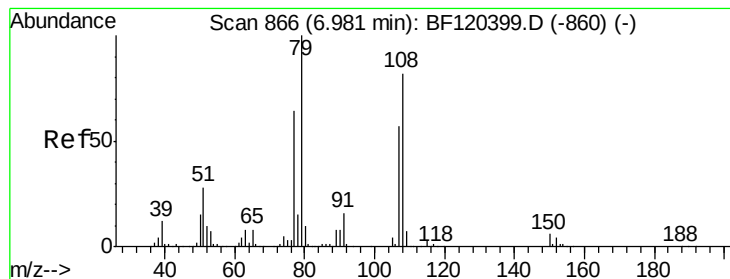
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.17 ng
 RT: 7.02 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	41.9	33.9	50.9





#15

Benzyl Alcohol

Concen: 49.09 ng

RT: 6.99 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

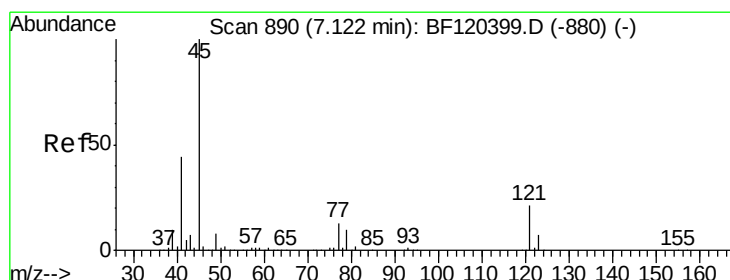
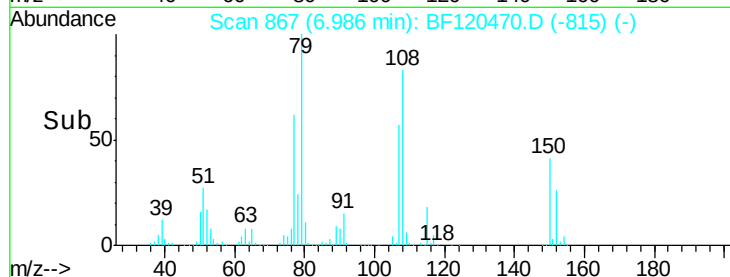
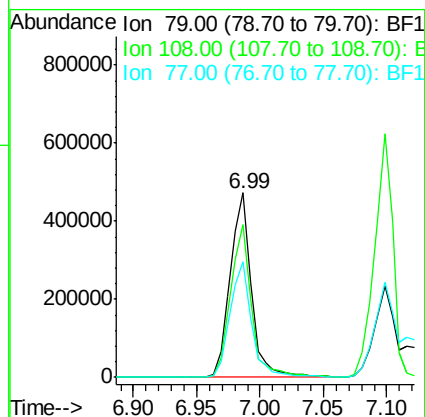
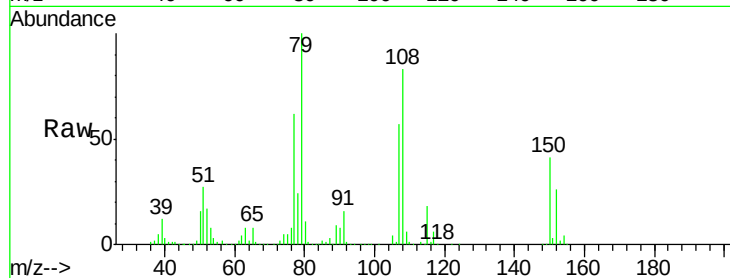
ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:	79	Resp:	549724
Ion	Ratio	Lower	Upper
79	100		
108	83.0	65.8	98.8
77	62.5	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.42 ng

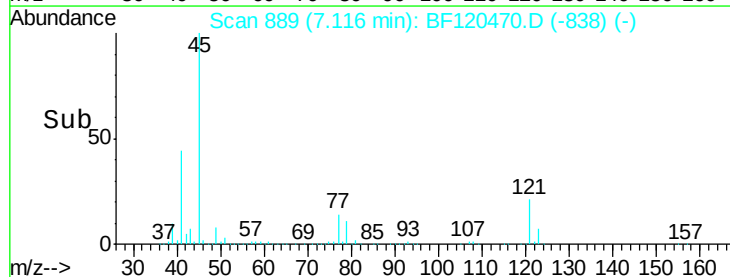
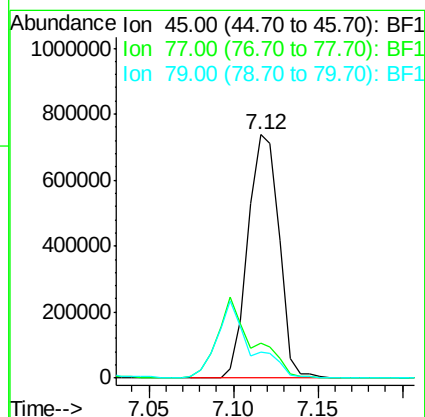
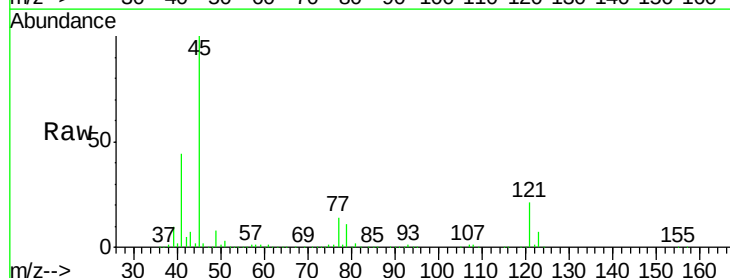
RT: 7.12 min Scan# 889

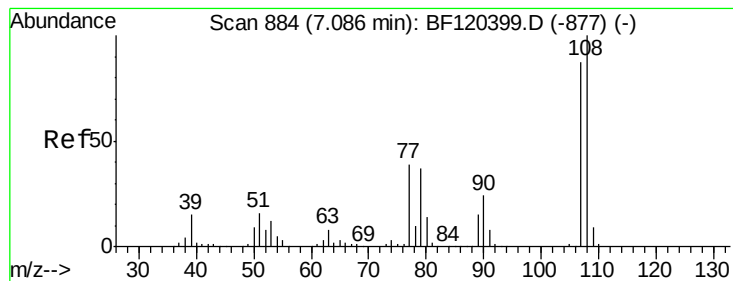
Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:	45	Resp:	950681
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.5
79	10.8	0.0	30.3





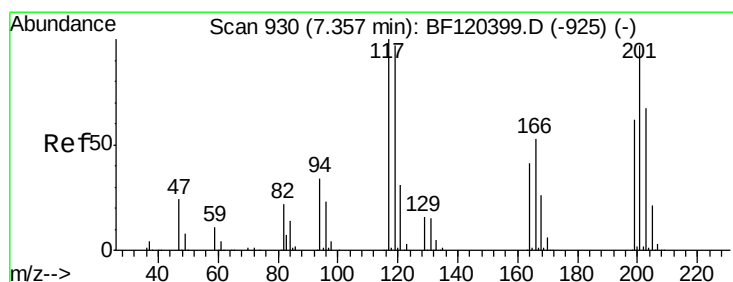
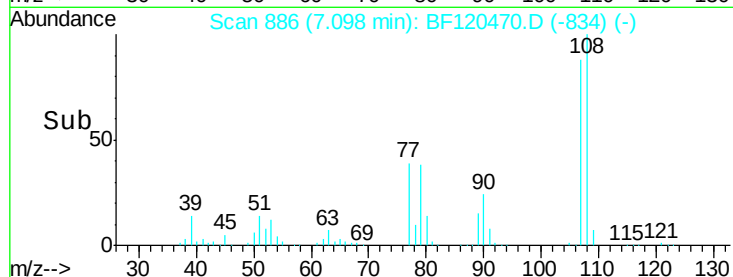
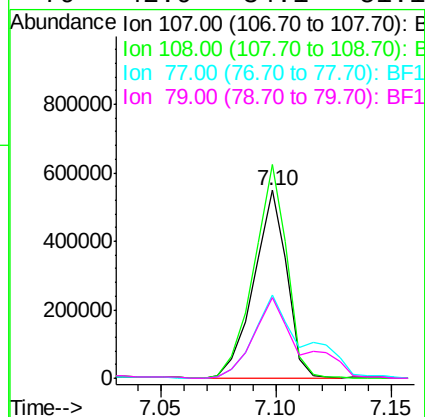
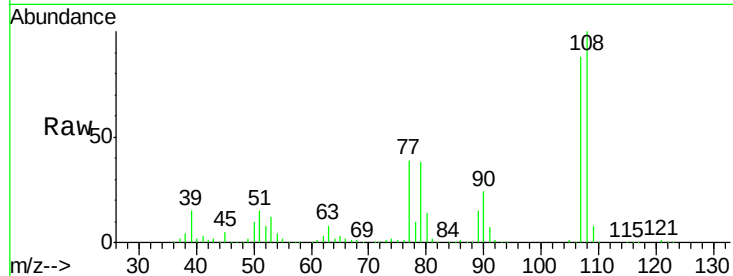
#17
2-Methylphenol
Concen: 44.53 ng
RT: 7.10 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	541102		
108	113.8	92.3	138.5	
77	44.5	35.7	53.5	
79	42.9	34.1	51.1	

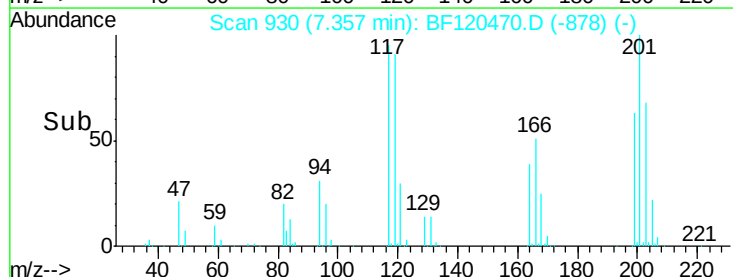
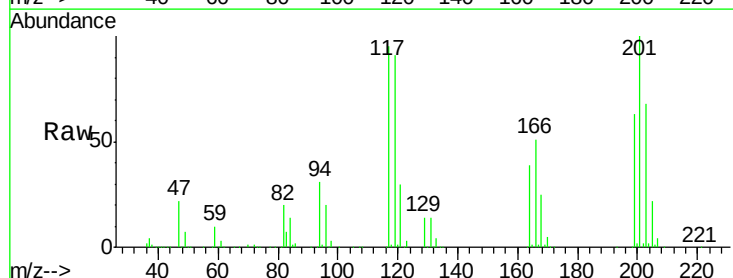
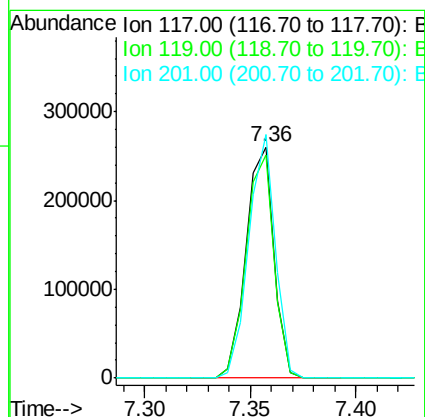
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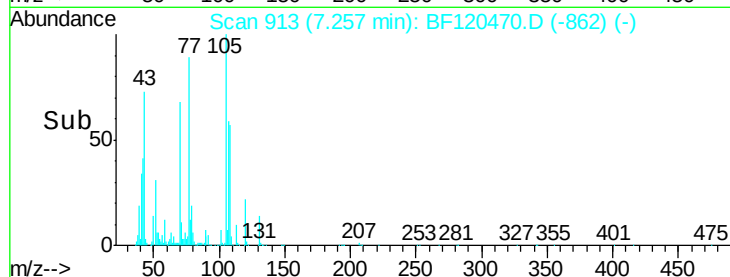
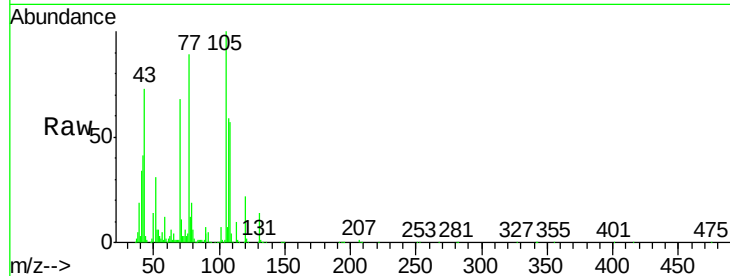
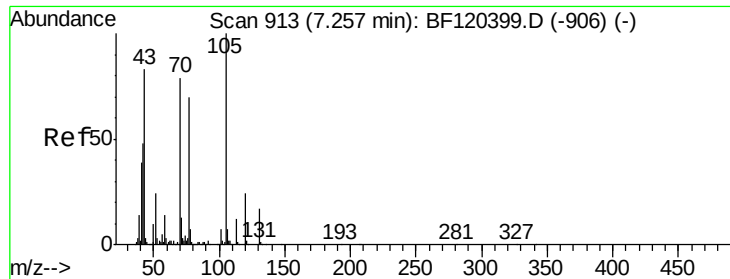
mohammad
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#18
Hexachloroethane
Concen: 43.80 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238816		
119	96.3	77.4	116.2	
201	105.3	77.7	116.5	





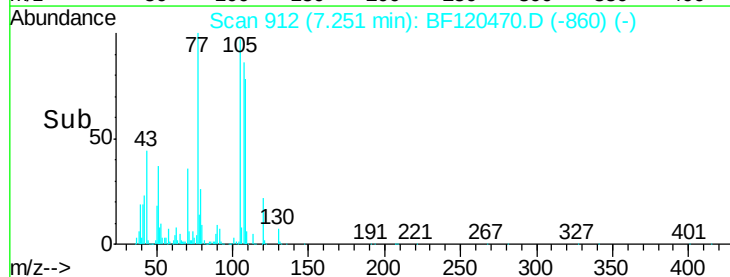
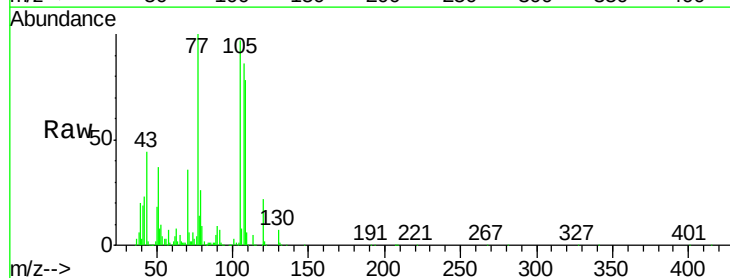
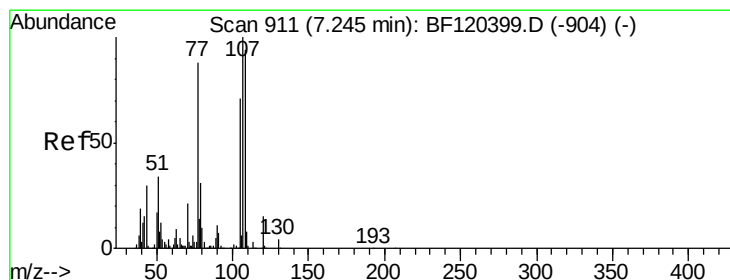
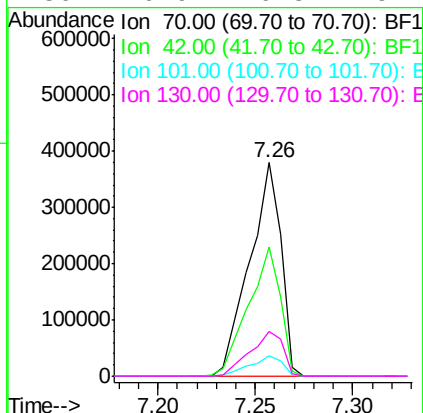
#19
n-Nitroso-di-n-propylamine
Concen: 45.00 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Manual Integrations
APPROVED

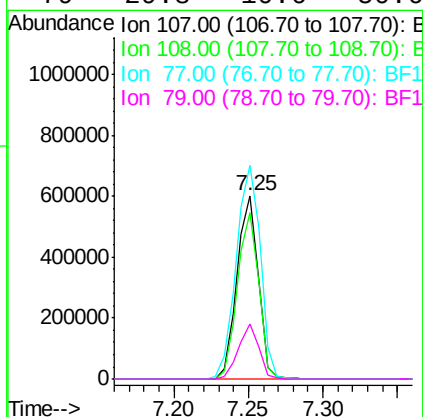
mohammad
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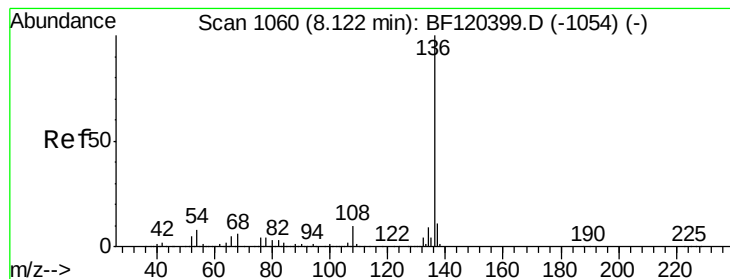
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.9	73.3
101	9.7	7.4	11.2
130	20.9	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	74.4	114.4
77	116.4	67.6	107.6#
79	29.8	10.6	50.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

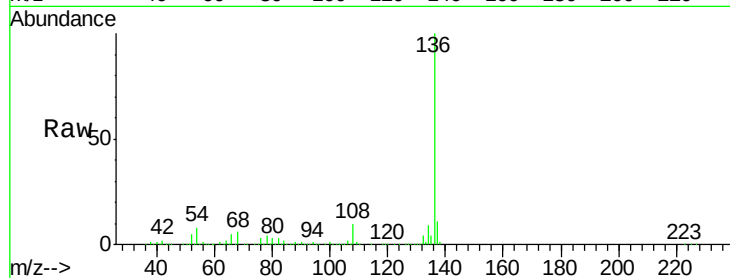
ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	878397		
137	11.2	9.1	13.7	
54	7.9	6.7	10.1	
68	6.2	5.0	7.4	

Manual Integrations
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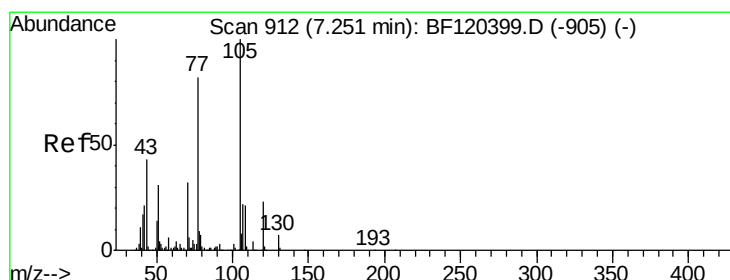
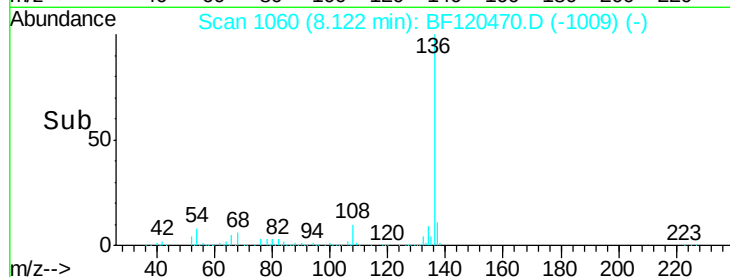
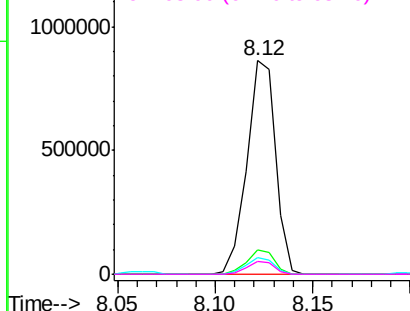


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.74 ng

RT: 7.25 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

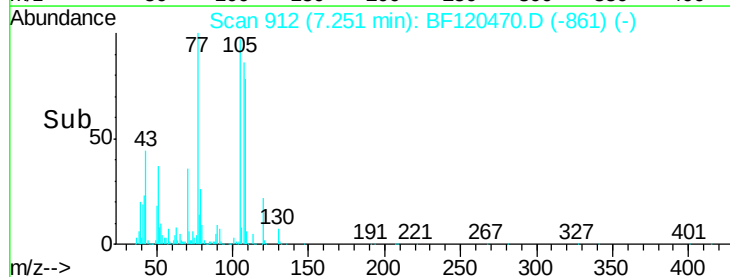
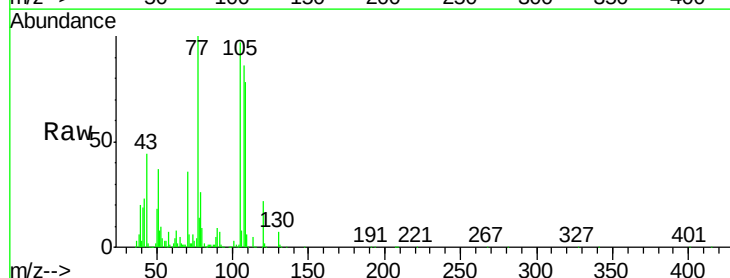
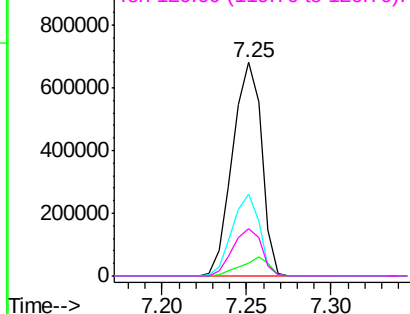
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	815956		
71	6.2	4.4	6.6	
51	38.2	24.5	36.7	
120	22.3	18.2	27.2	

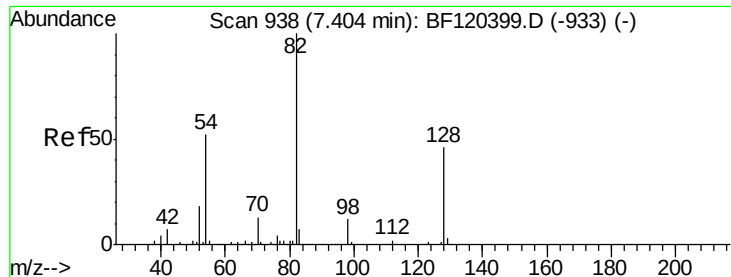
Abundance Ion 105.00 (104.70 to 105.70): E

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





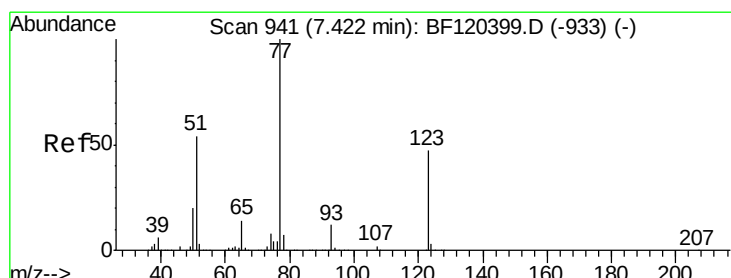
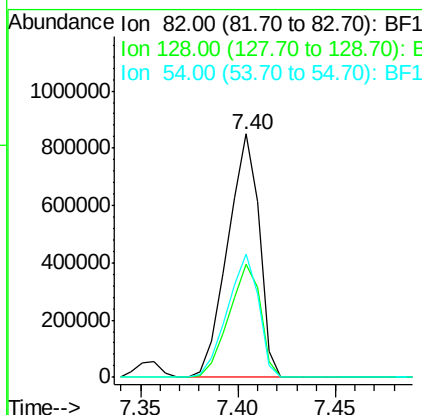
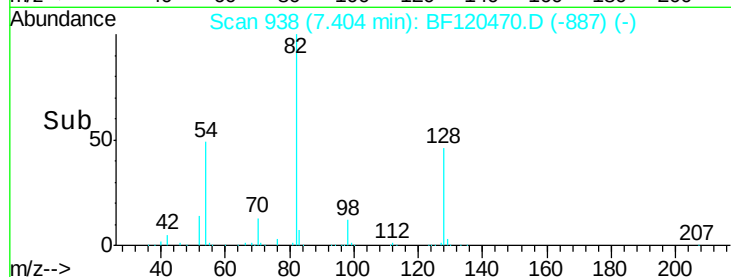
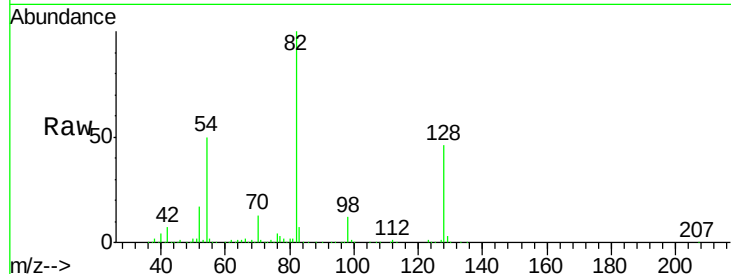
#23
Nitrobenzene-d5
Concen: 70.97 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.8	55.2
54	50.4	41.6	62.4

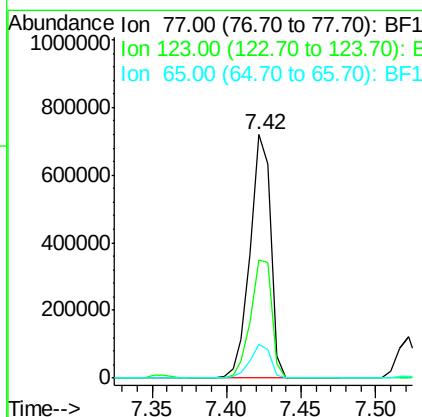
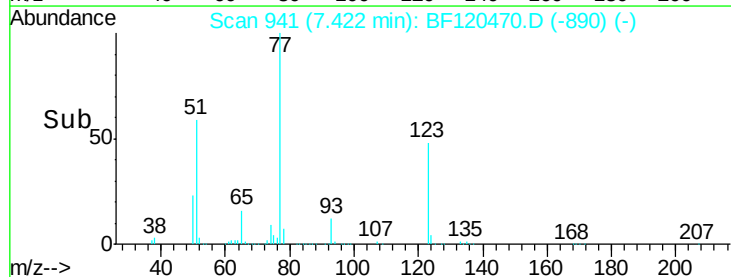
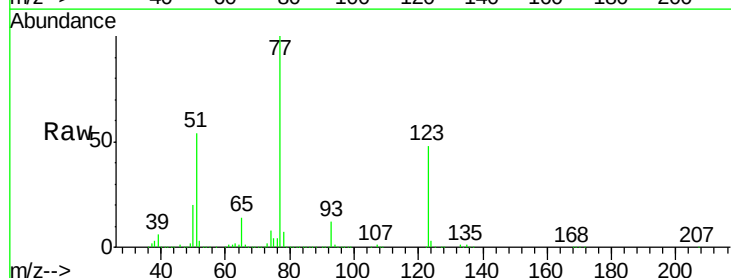
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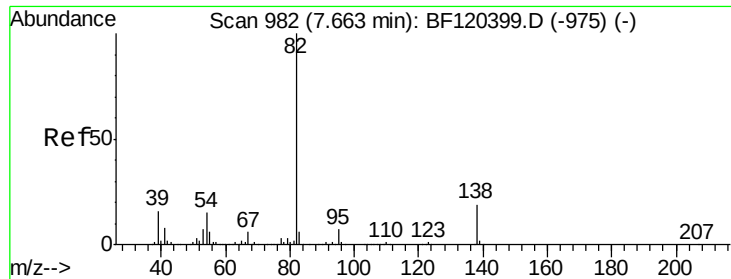
mohammad
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#24
Nitrobenzene
Concen: 47.21 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.8	56.6
65	13.8	11.3	16.9





#25

Isophorone

Concen: 45.61 ng

RT: 7.67 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion: 82 Resp: 1231001

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

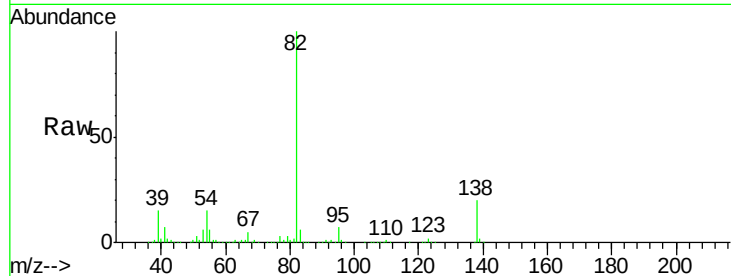
138 20.1 15.0 22.4

Manual Integrations

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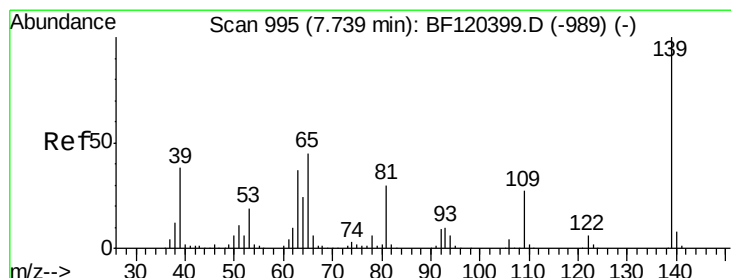
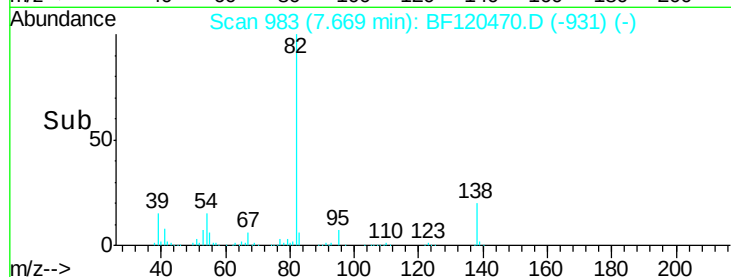
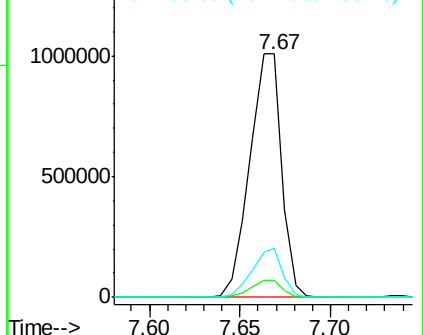
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.85 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

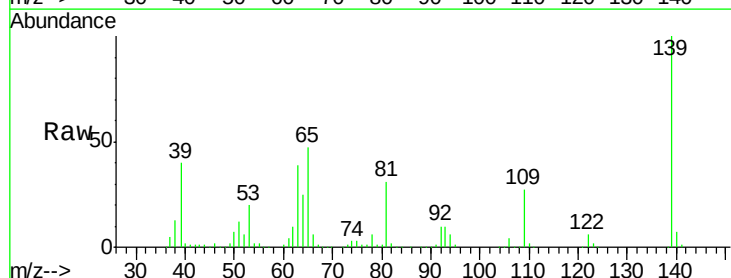
Tgt Ion: 139 Resp: 357713

Ion Ratio Lower Upper

139 100

109 27.0 21.2 31.8

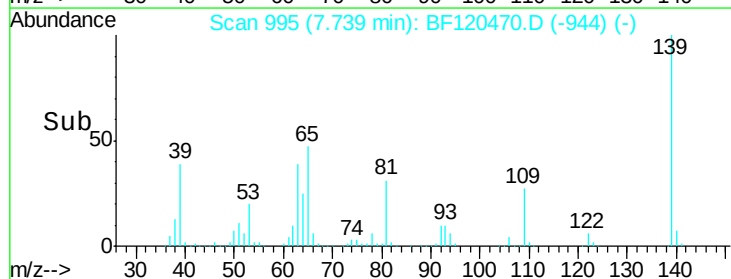
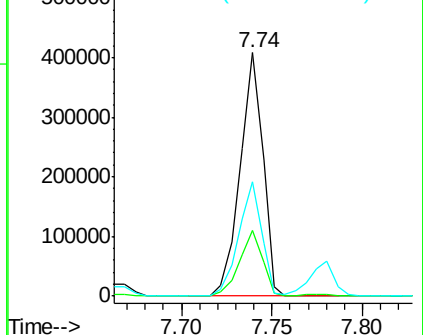
65 46.9 35.8 53.6

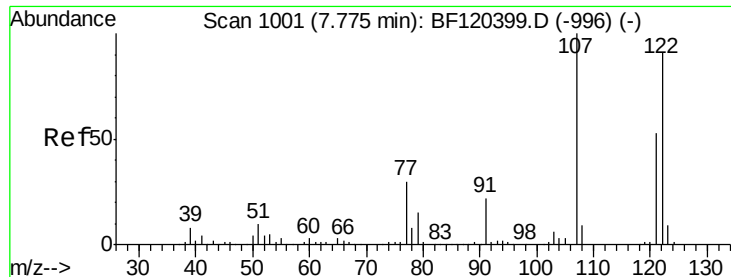


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





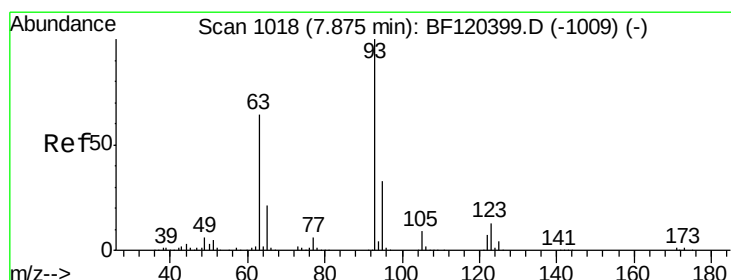
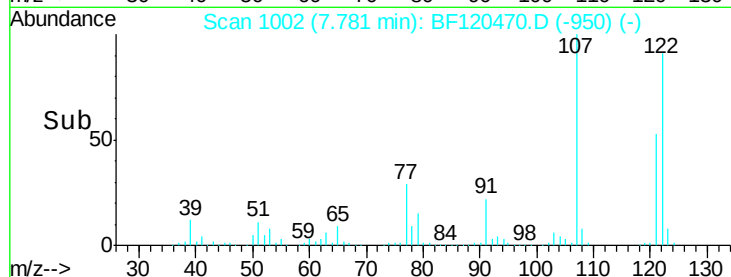
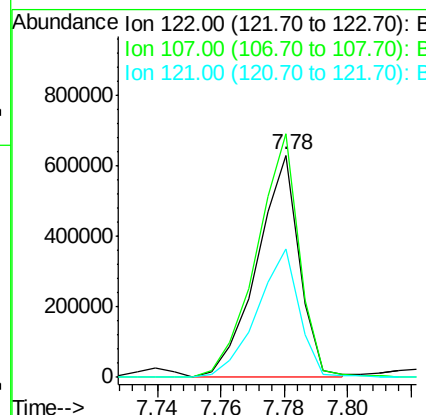
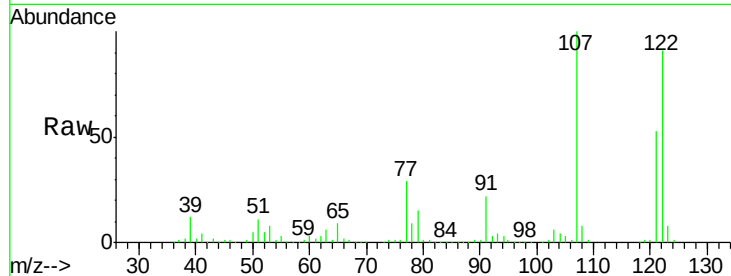
#27
 2,4-Dimethylphenol
 Concen: 51.75 ng
 RT: 7.78 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	586102		
107	109.6	87.3	130.9	
121	57.8	46.2	69.2	

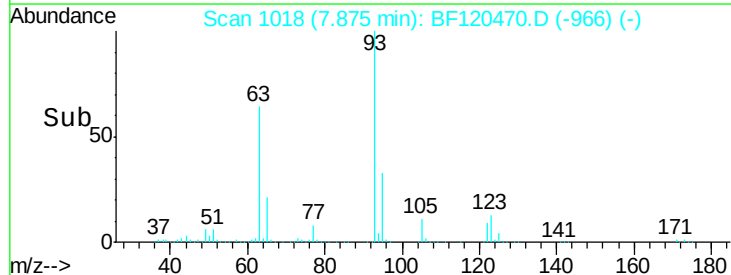
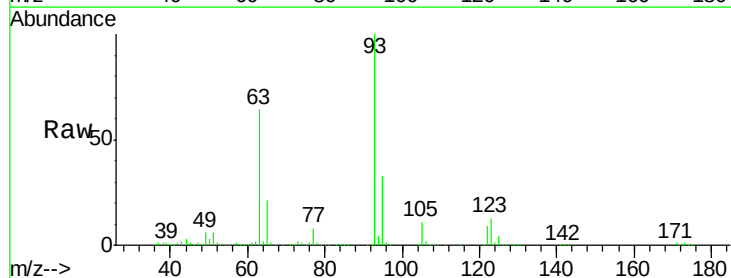
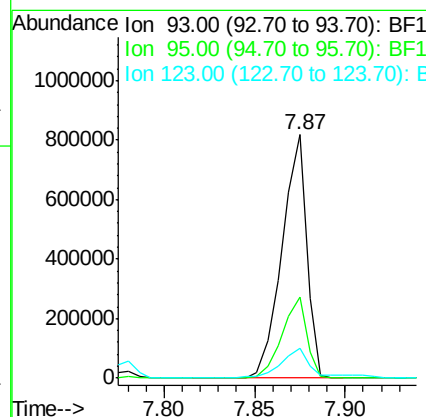
Manual Integrations
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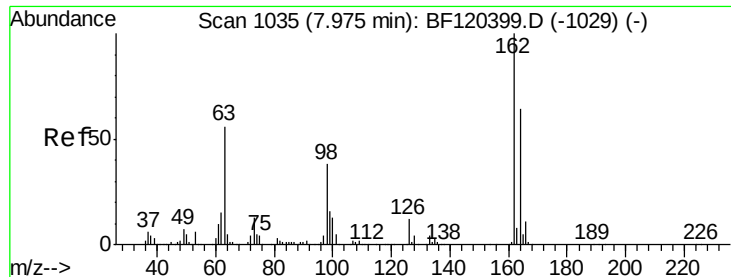
mohammad
 6/2/2020 3:25:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.89 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	778322		
95	33.4	26.6	39.8	
123	12.5	10.3	15.5	





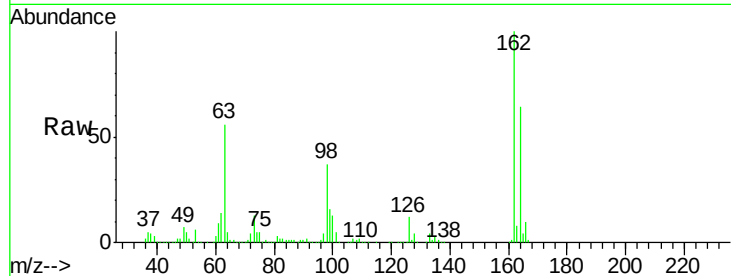
#29
2,4-Dichlorophenol
Concen: 48.43 ng
RT: 7.98 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

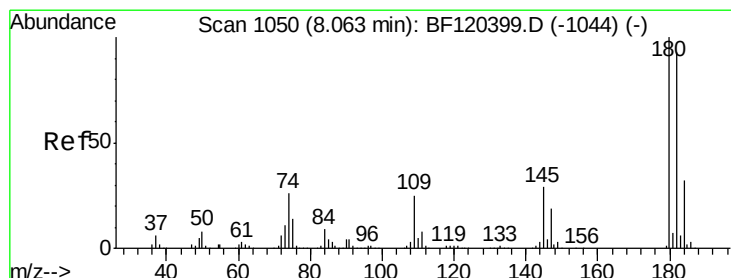
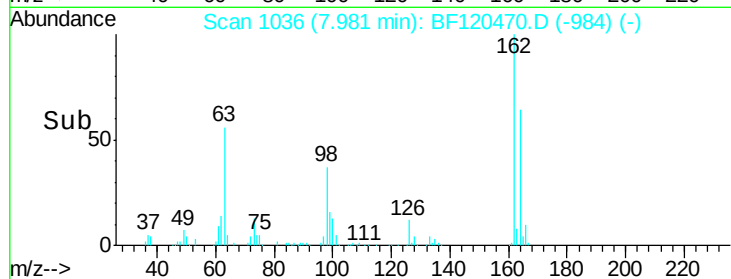
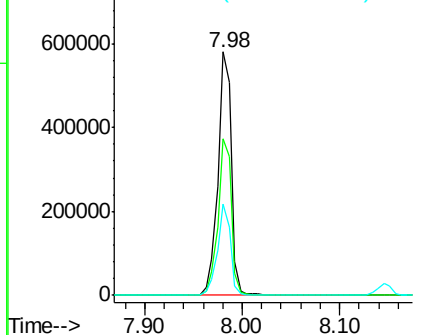
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	553997		
164	64.3	43.9	83.9	
98	37.4	17.8	57.8	

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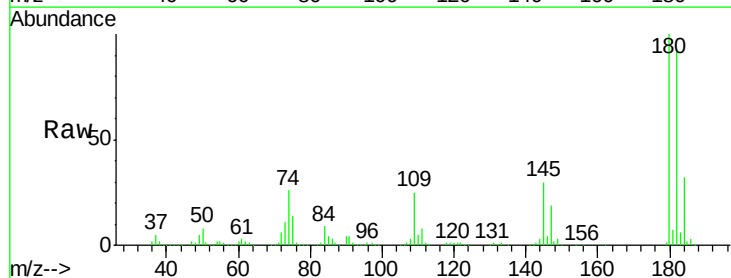


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

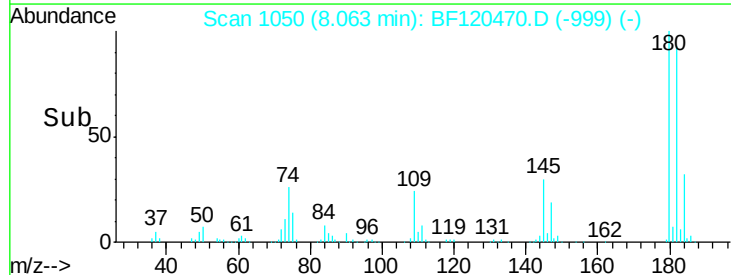
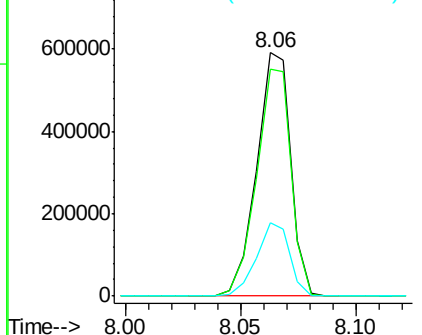


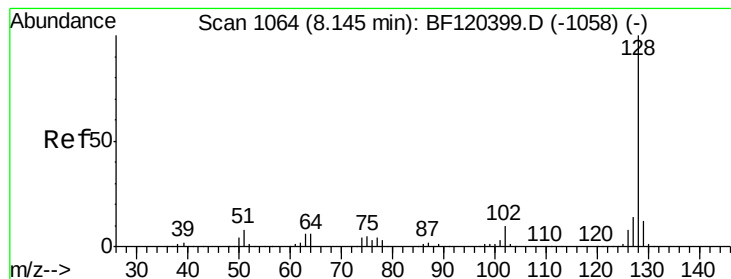
#30
1,2,4-Trichlorobenzene
Concen: 47.32 ng
RT: 8.06 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	607501		
182	93.5	74.6	111.8	
145	30.3	23.4	35.2	



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: 47.91 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:128 Resp: 1848314

Ion Ratio Lower Upper

128 100

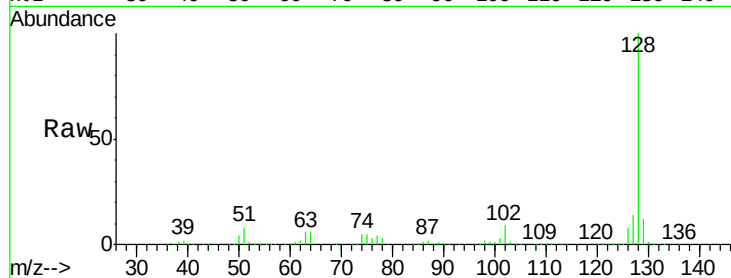
129 11.7 9.7 14.5

127 13.9 11.0 16.6

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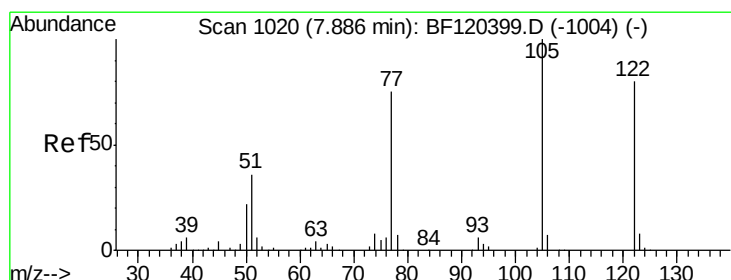
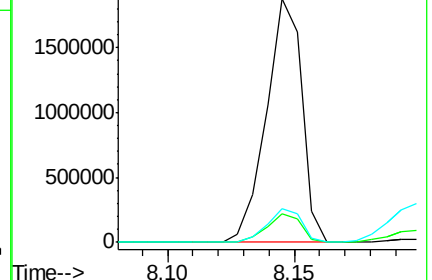
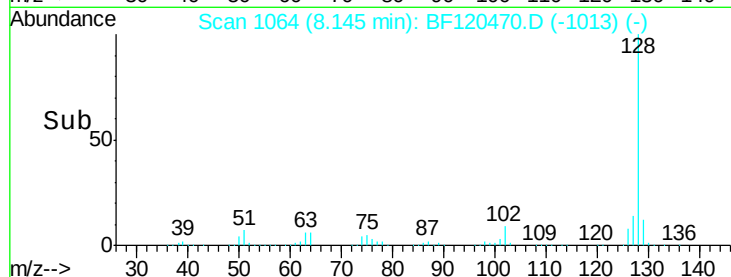
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.19 ng

RT: 7.91 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

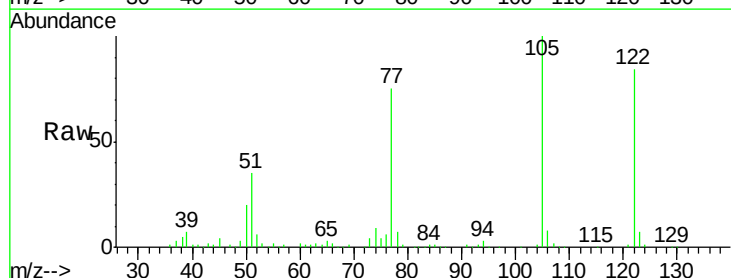
Tgt Ion:122 Resp: 463859

Ion Ratio Lower Upper

122 100

105 119.1 101.1 141.1

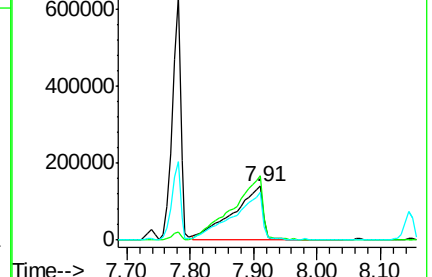
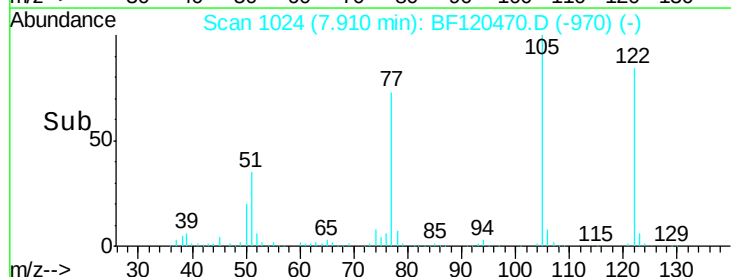
77 88.9 71.9 111.9

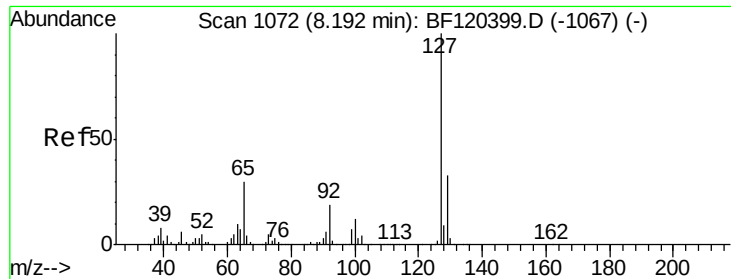


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





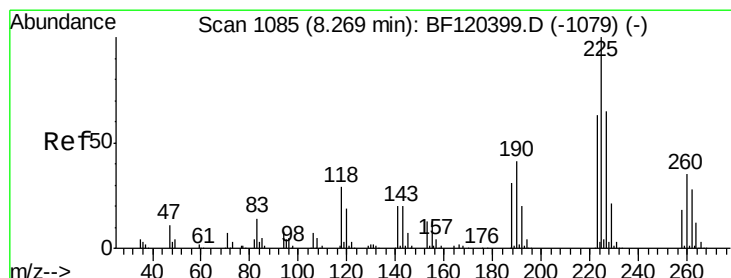
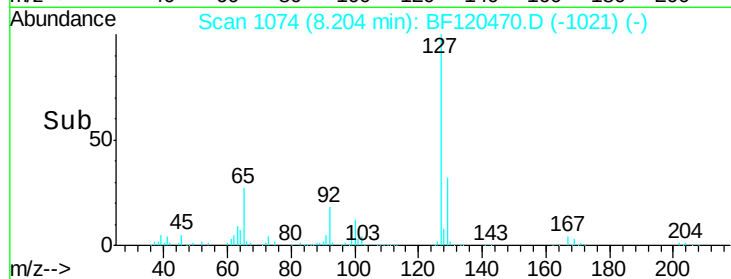
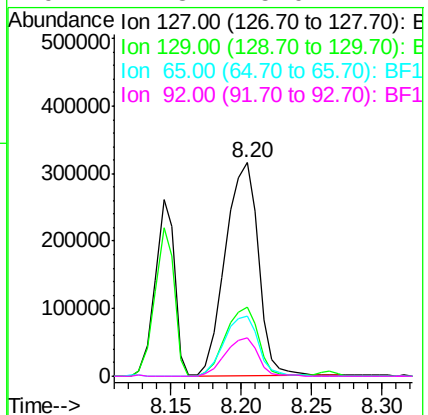
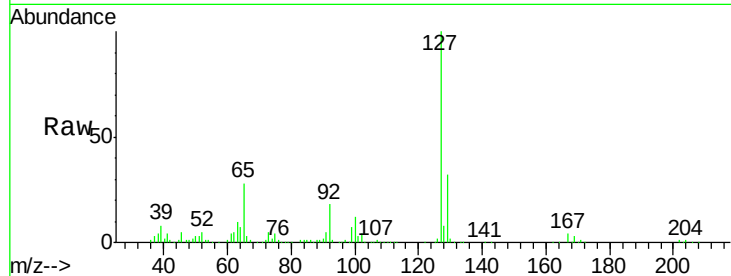
#33
4-Chloroaniline
Concen: 30.12 ng
RT: 8.20 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	514895		
129	32.2	26.8	40.2	
65	28.3	23.7	35.5	
92	17.8	15.0	22.4	

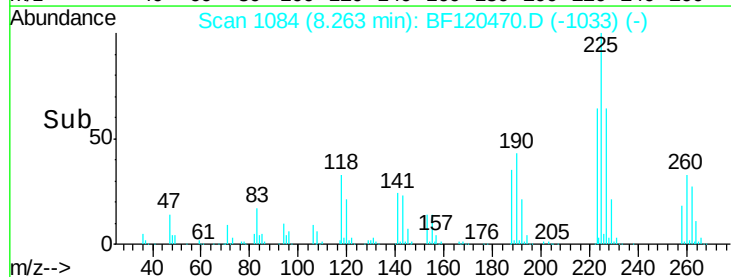
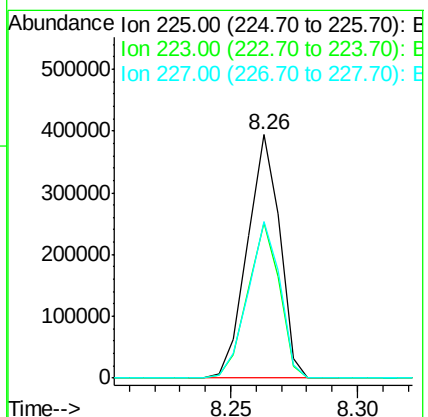
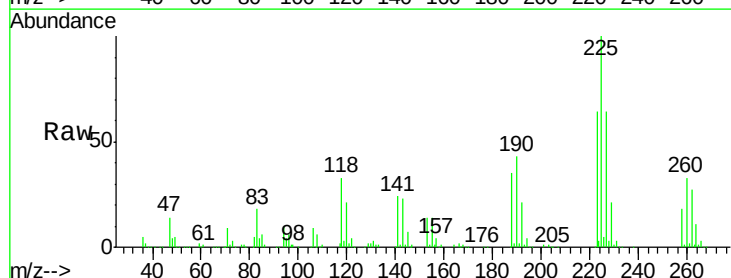
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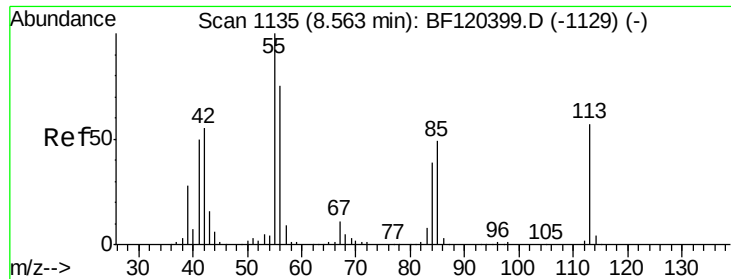
mohammad
6/2/2020 3:25:24 PM



#34
Hexachlorobutadiene
Concen: 45.98 ng
RT: 8.26 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	349868		
223	63.6	50.2	75.2	
227	64.3	52.1	78.1	





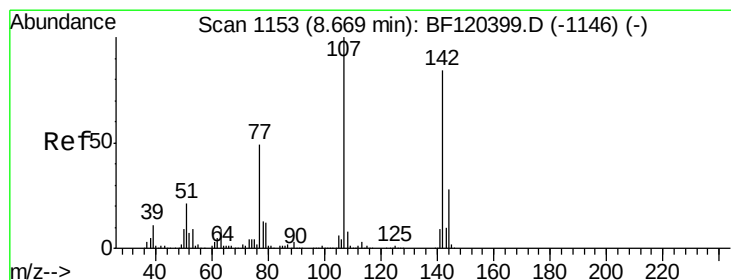
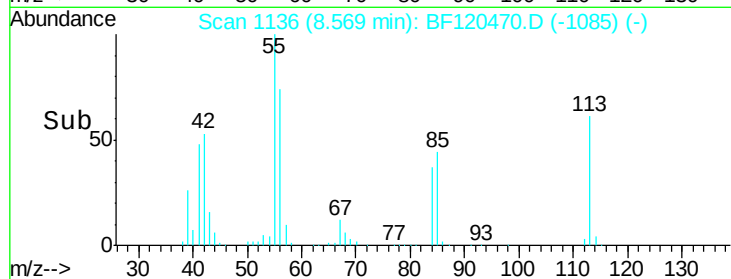
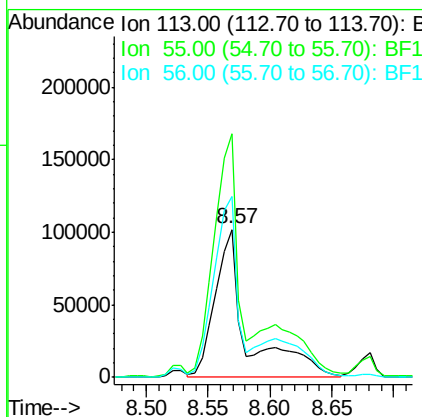
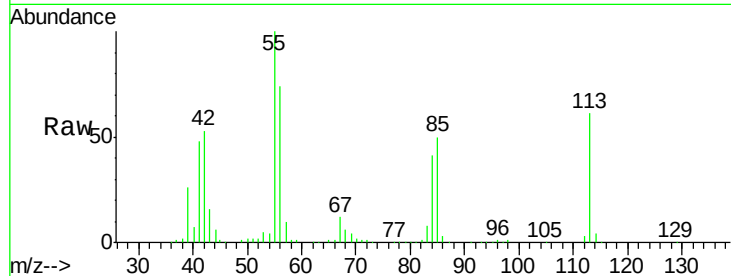
#35
 Caprolactam
 Concen: 49.79 ng m
 RT: 8.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	164.3	154.9	194.9
56	122.1	110.9	150.9

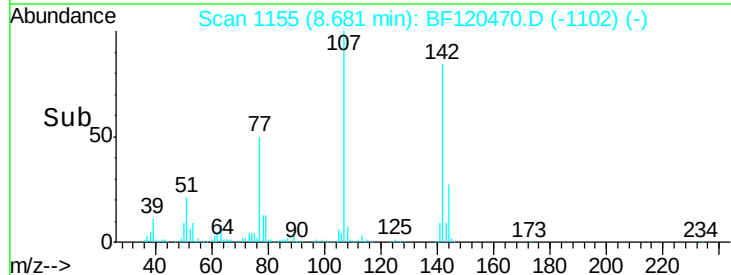
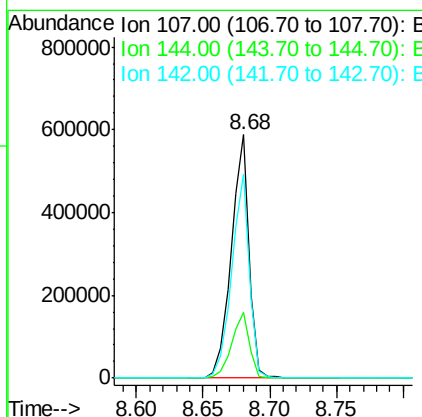
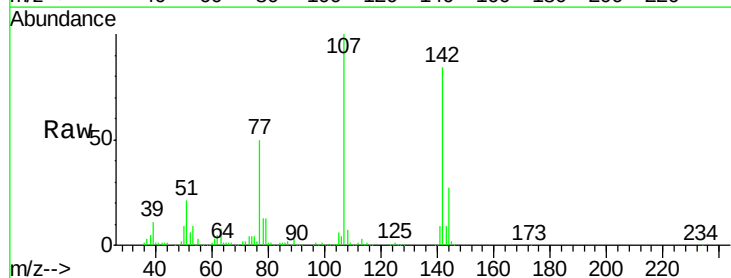
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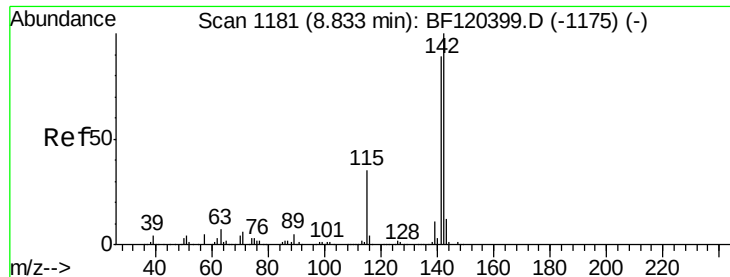
mohammad
 6/2/2020 3:25:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.81 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.0	33.0
142	83.7	67.0	100.4





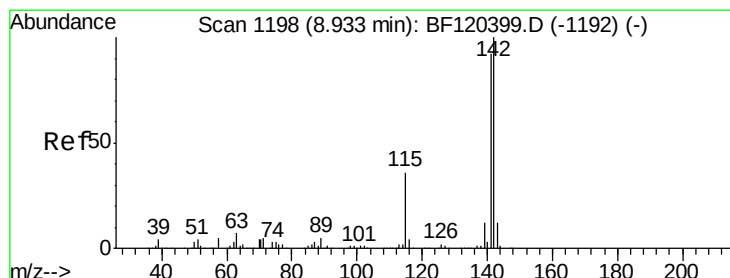
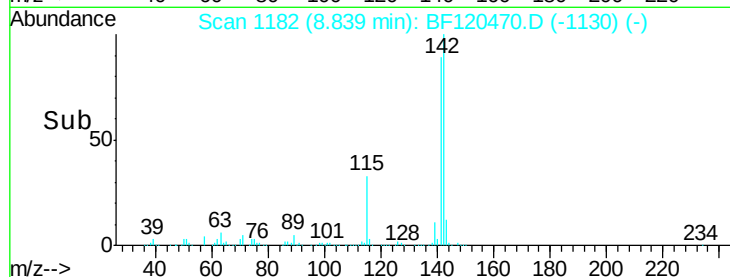
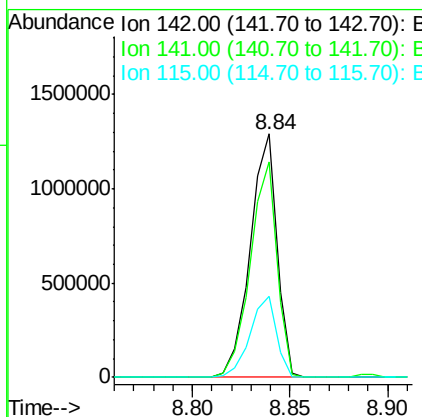
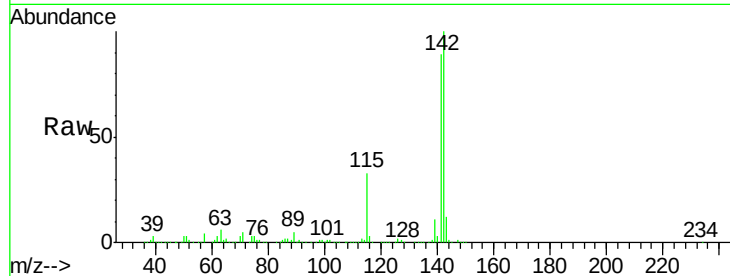
#37
2-Methylnaphthalene
Concen: 48.20 ng
RT: 8.84 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.0
115	33.5	27.8	41.8

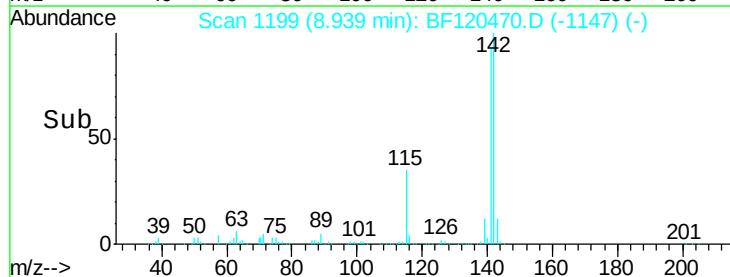
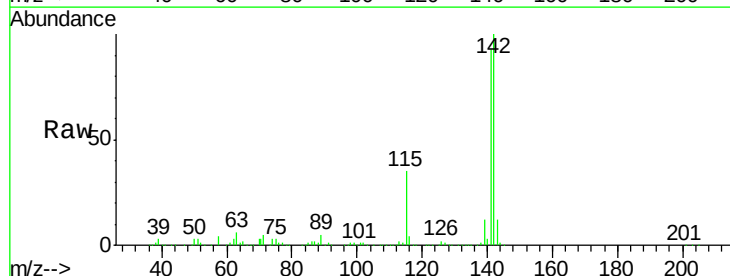
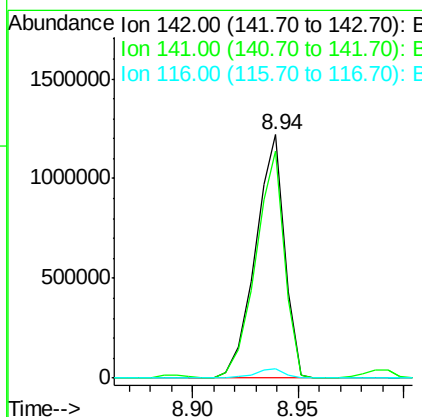
Manual Integrations
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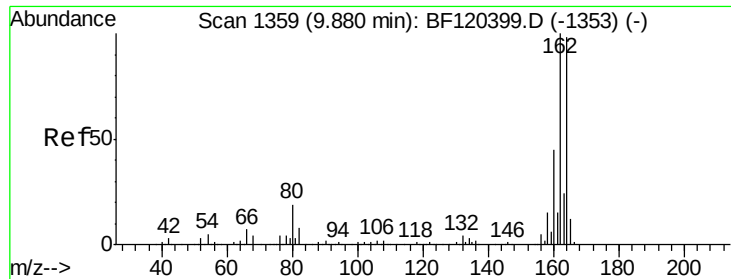
mohammad
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#38
1-Methylnaphthalene
Concen: 48.41 ng
RT: 8.94 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9
116	3.6	3.1	4.7





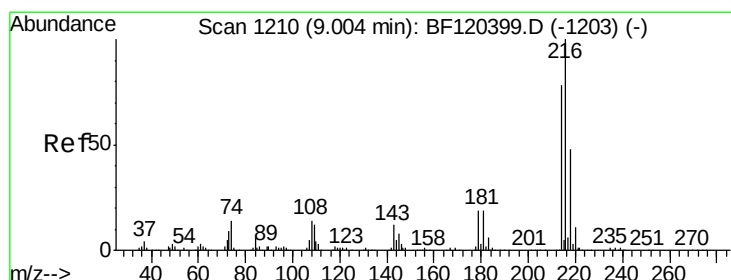
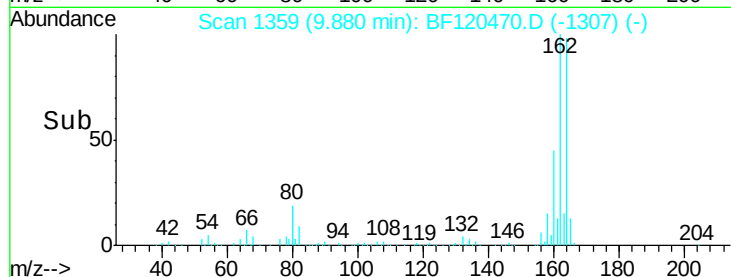
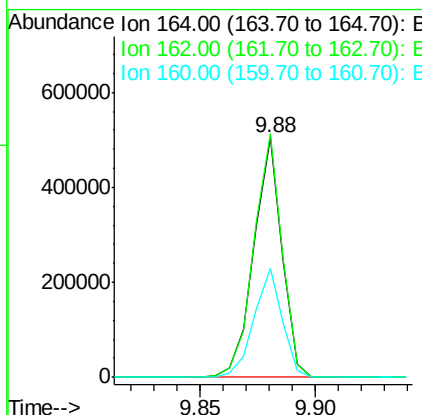
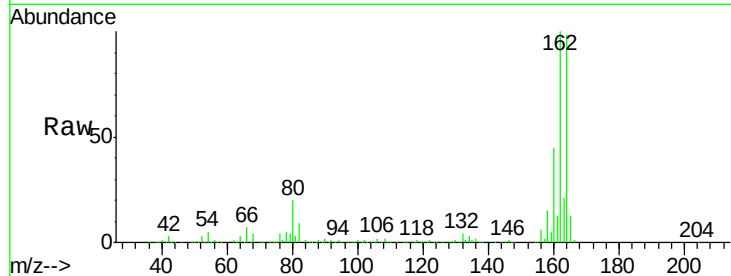
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	429589		
162	101.6	81.3	121.9	
160	45.9	36.9	55.3	

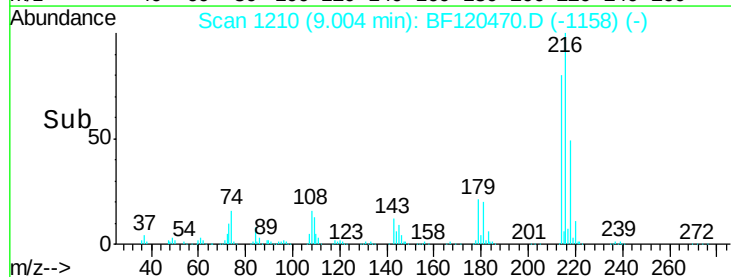
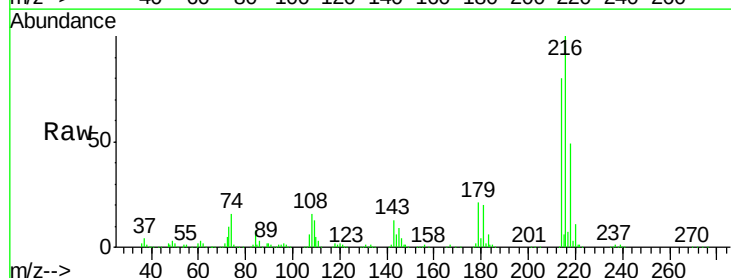
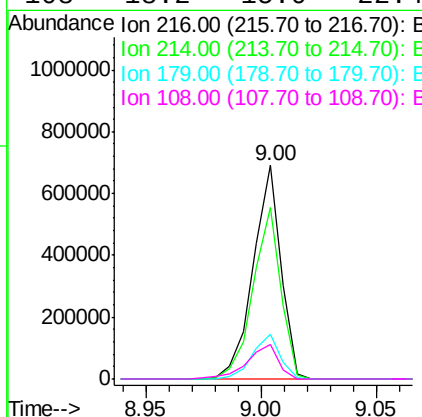
Manual Integrations
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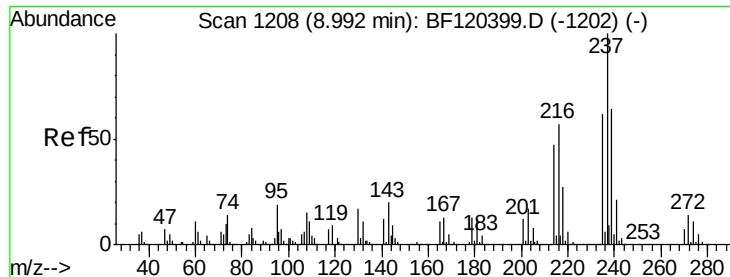
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.88 ng
RT: 9.00 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	582559		
214	80.2	63.6	95.4	
179	20.6	16.5	24.7	
108	18.2	15.0	22.4	





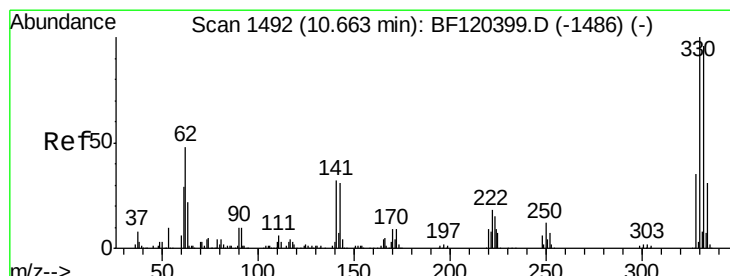
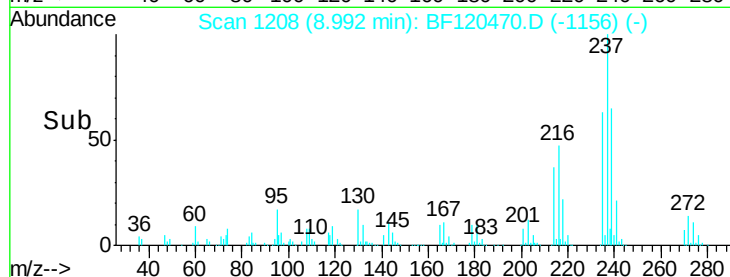
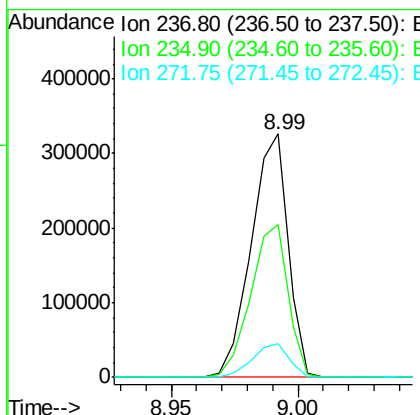
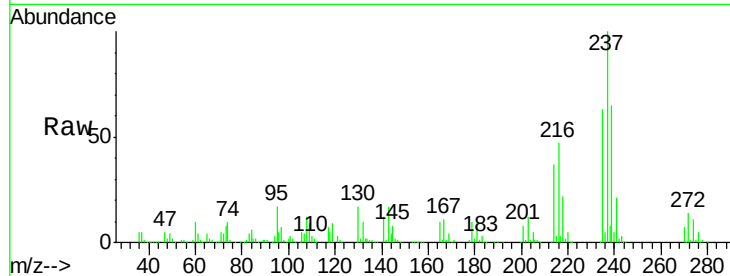
#41
Hexachlorocyclopentadiene
Concen: 53.91 ng
RT: 8.99 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	42.4	82.4
272	14.0	0.0	33.6

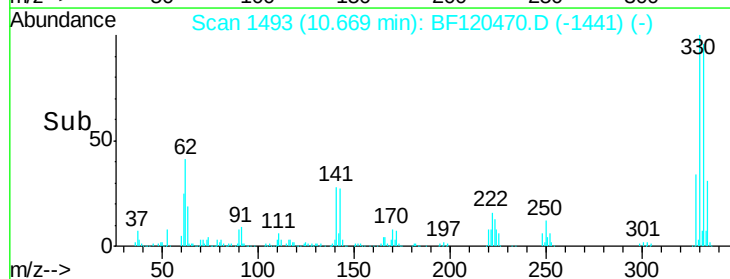
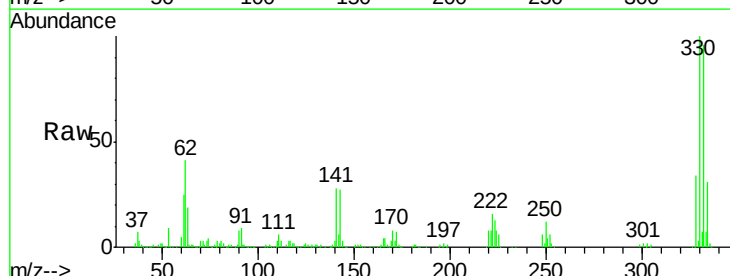
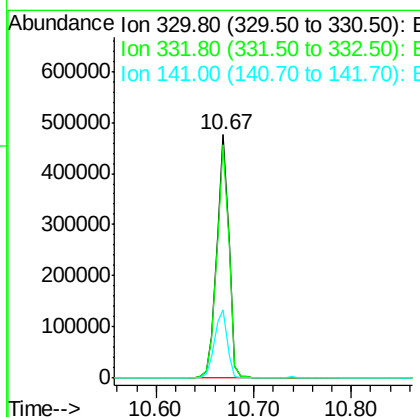
Manual Integrations
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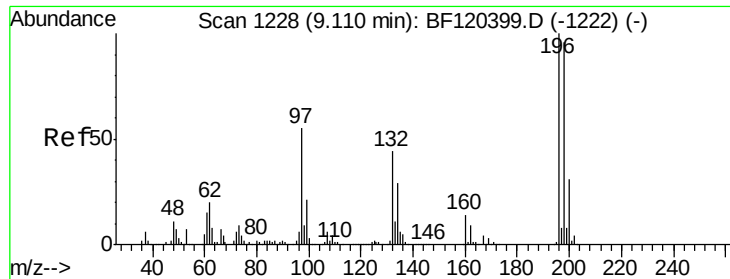
mohammad
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#42
2,4,6-Tribromophenol
Concen: 102.81 ng
RT: 10.67 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.0	115.6
141	29.8	25.3	37.9





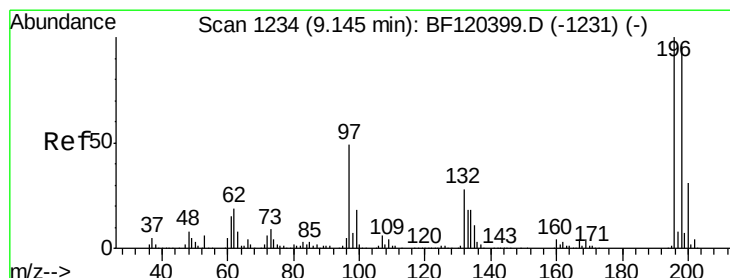
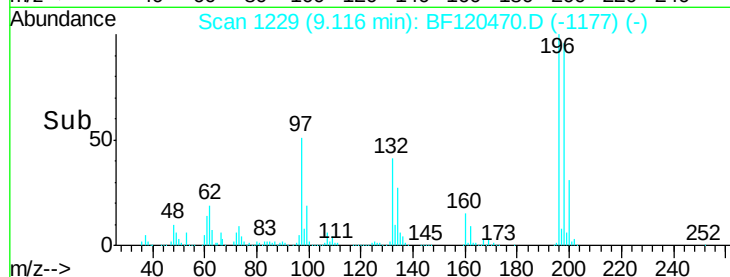
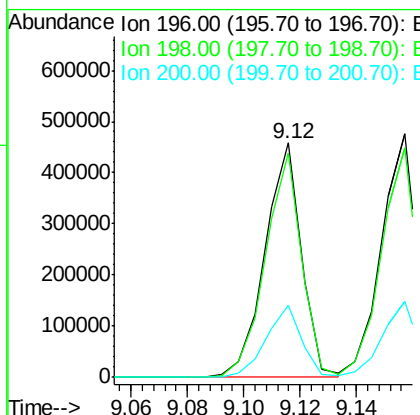
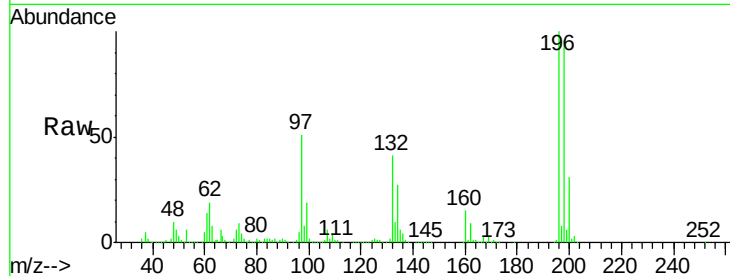
#43
 2,4,6-Trichlorophenol
 Concen: 51.40 ng
 RT: 9.12 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	409523		
198	95.6	77.1	115.7	
200	30.8	25.0	37.6	

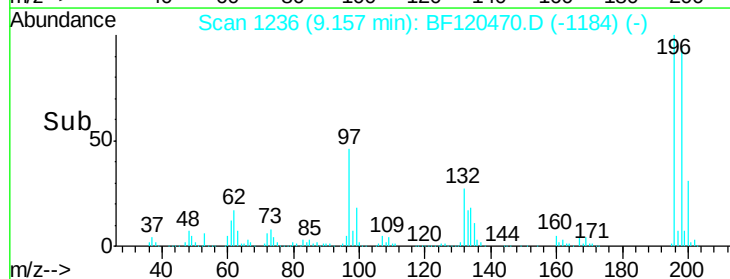
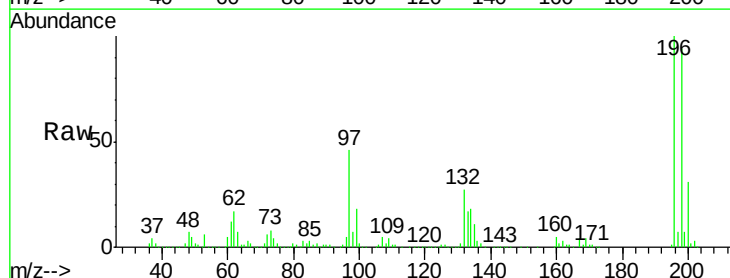
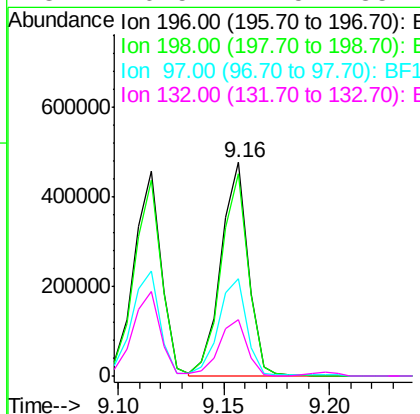
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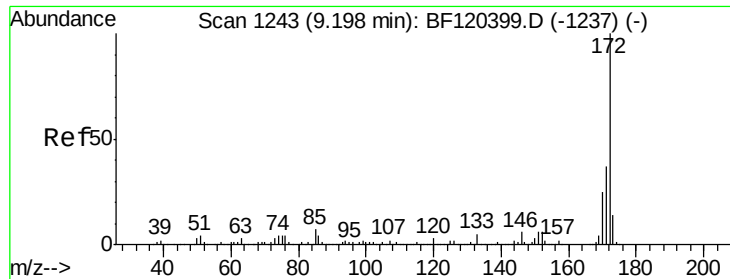
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#44
 2,4,5-Trichlorophenol
 Concen: 46.85 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	423142		
198	94.4	76.6	115.0	
97	45.6	39.5	59.3	
132	26.5	22.5	33.7	





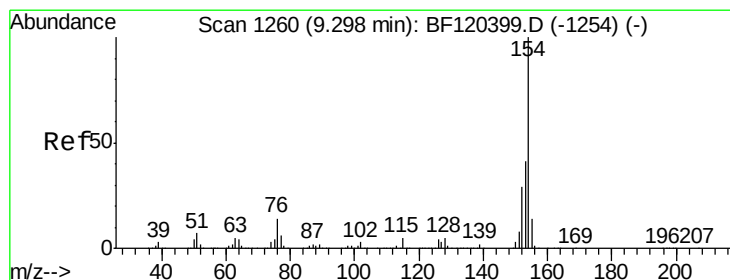
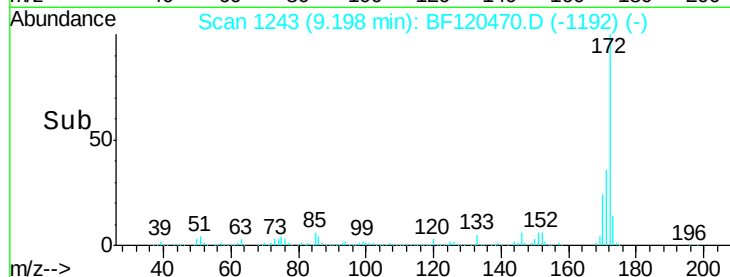
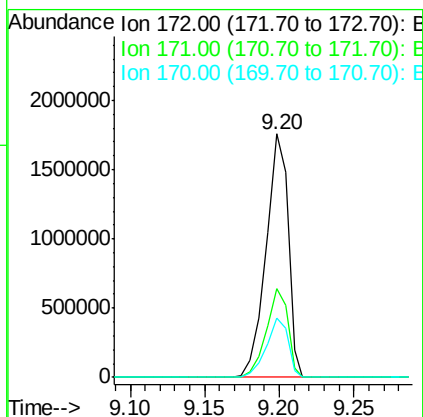
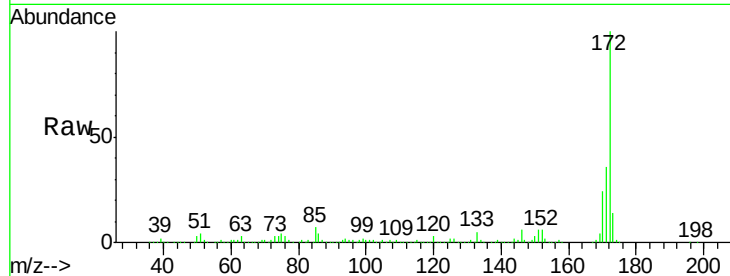
#45
2-Fluorobiphenyl
Concen: 70.49 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.9	29.9

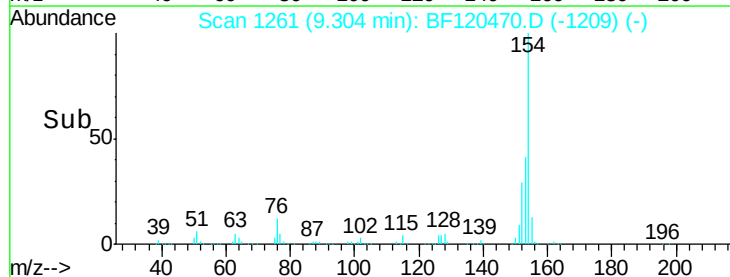
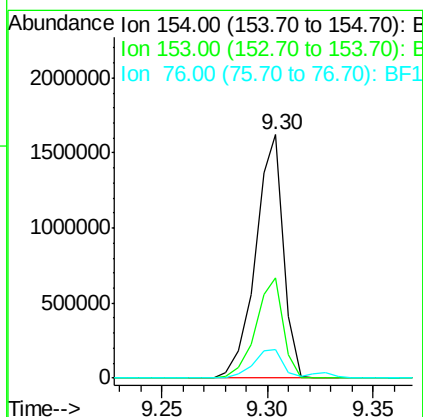
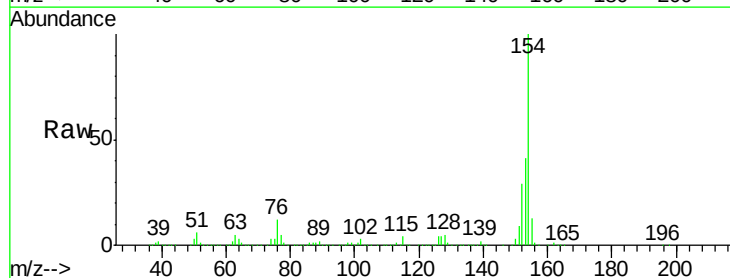
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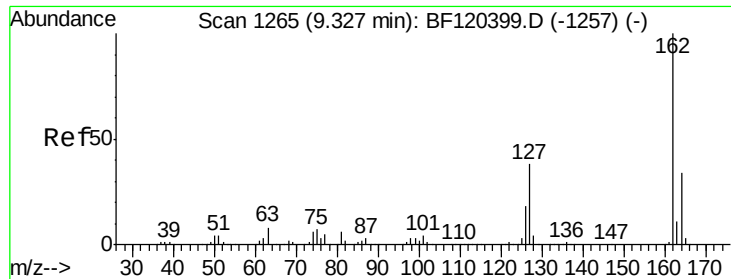
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#46
1,1'-Biphenyl
Concen: 52.44 ng
RT: 9.30 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	11.9	0.0	33.7





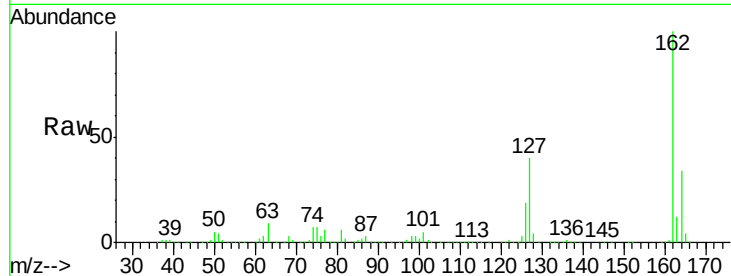
#47
 2-Chloronaphthalene
 Concen: 48.83 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

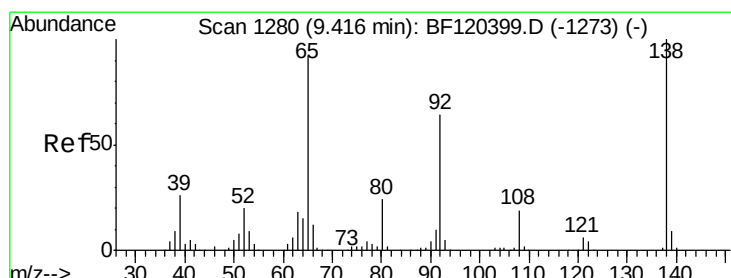
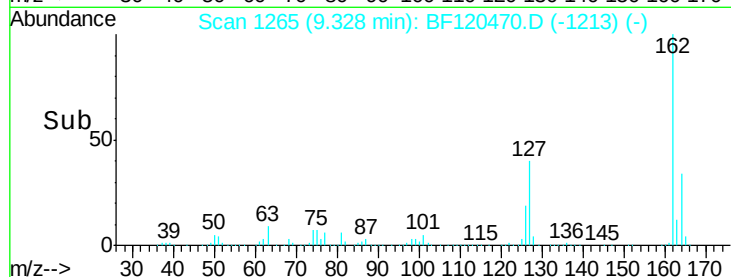
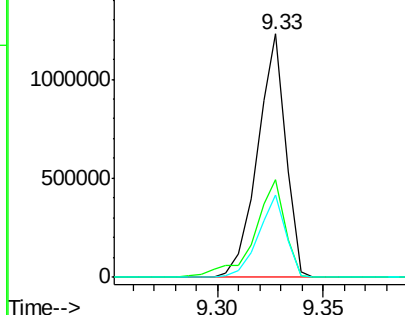
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.6	46.0
164	33.9	27.1	40.7

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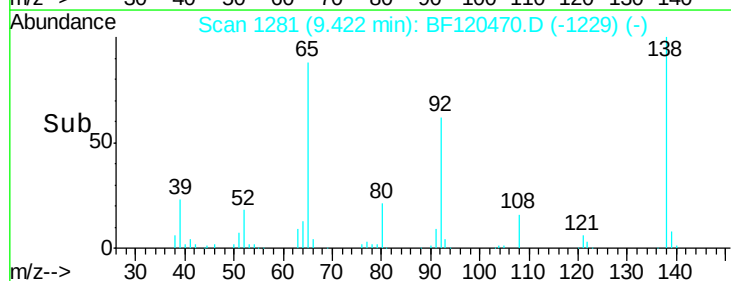
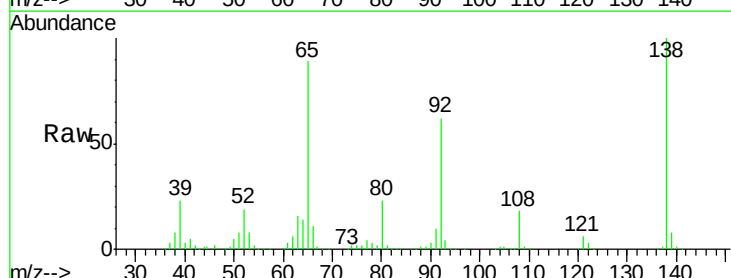
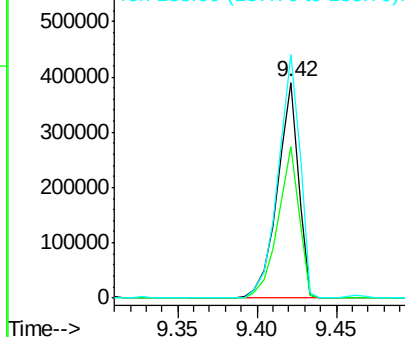
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

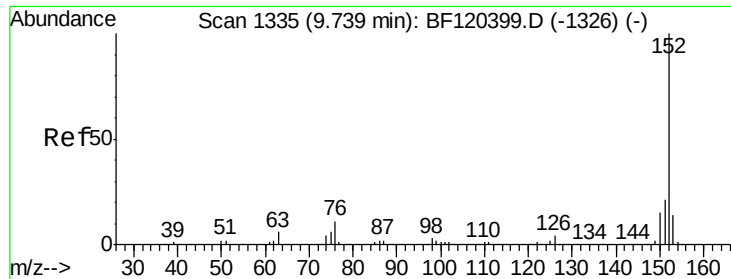


#48
 2-Nitroaniline
 Concen: 51.29 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.7	83.5
138	112.7	86.9	130.3

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: 50.13 ng

RT: 9.75 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

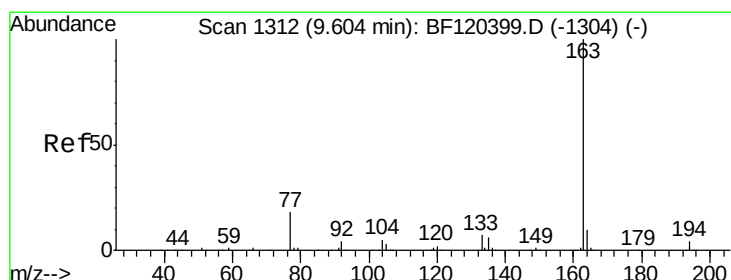
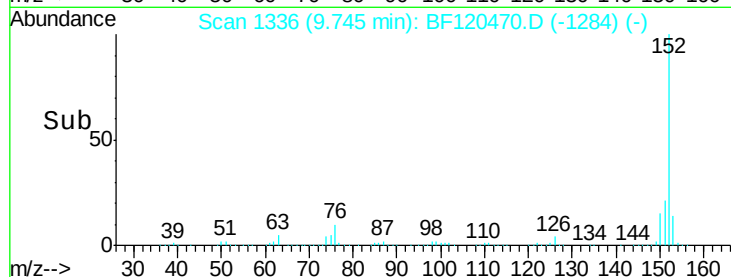
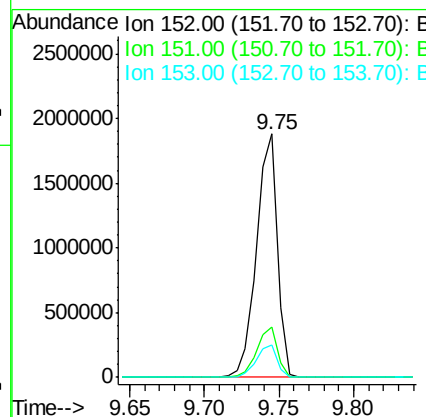
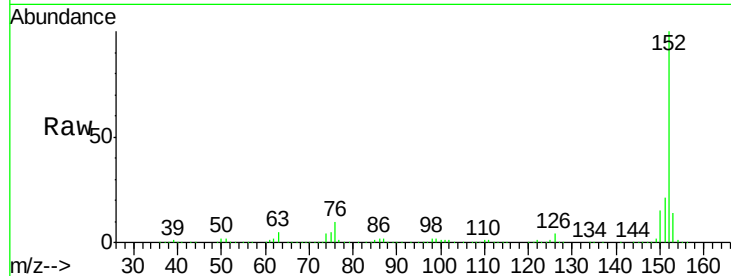
ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:	152	Resp:	1800313
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.6	11.2	16.8

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#50

Dimethylphthalate

Concen: 59.26 ng

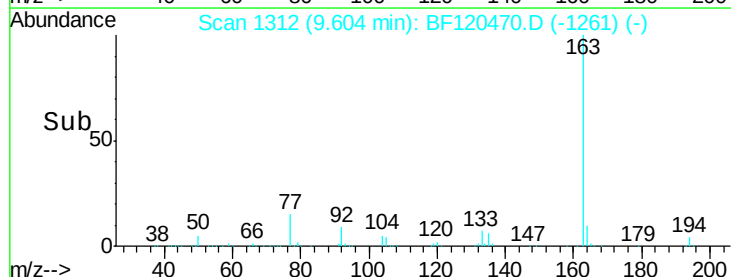
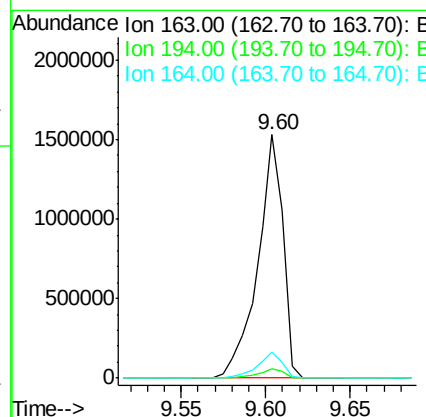
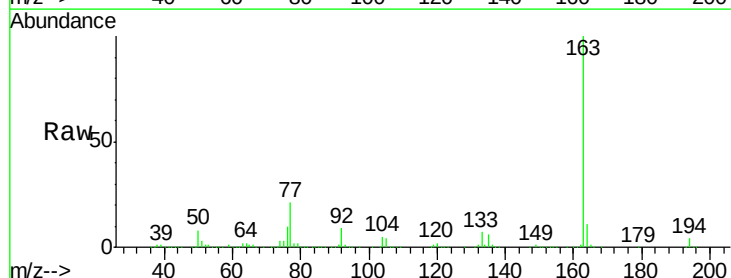
RT: 9.60 min Scan# 1312

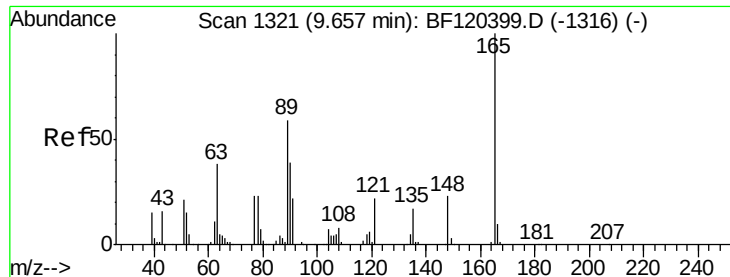
Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:	163	Resp:	1591490
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.8	8.3	12.5





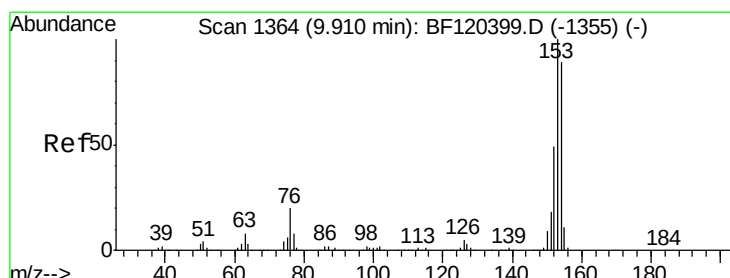
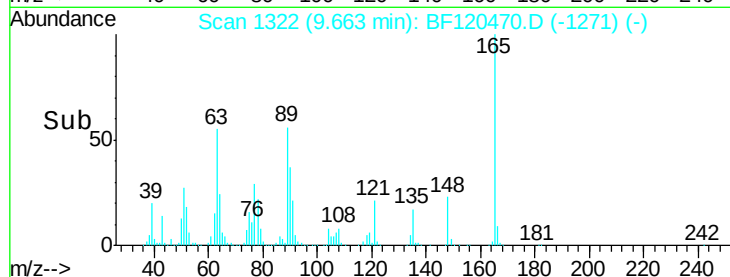
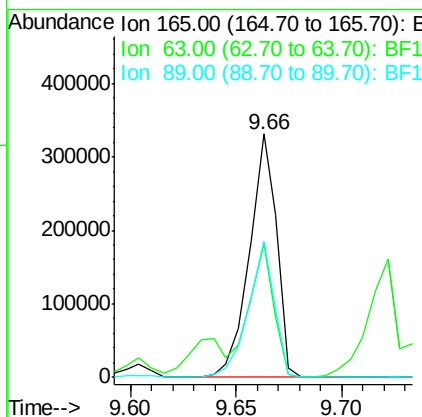
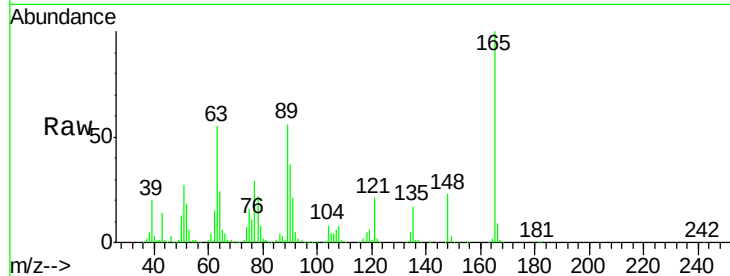
#51
 2,6-Dinitrotoluene
 Concen: 49.83 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297386		
63	54.6	46.9	70.3	
89	55.7	47.5	71.3	

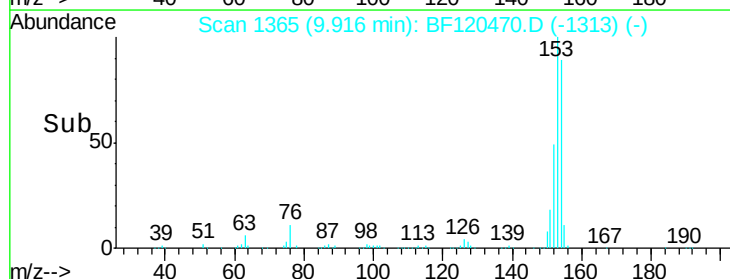
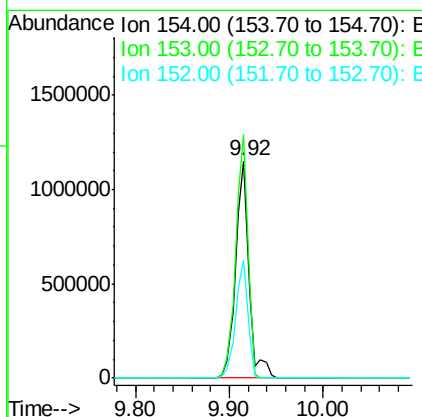
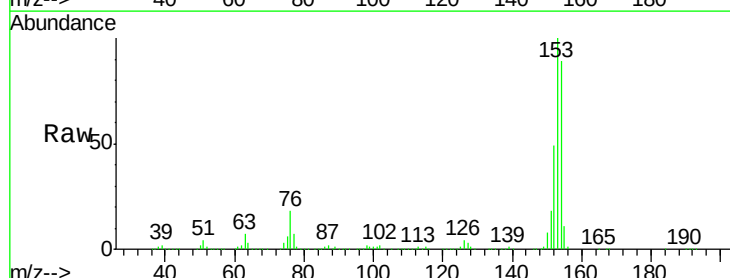
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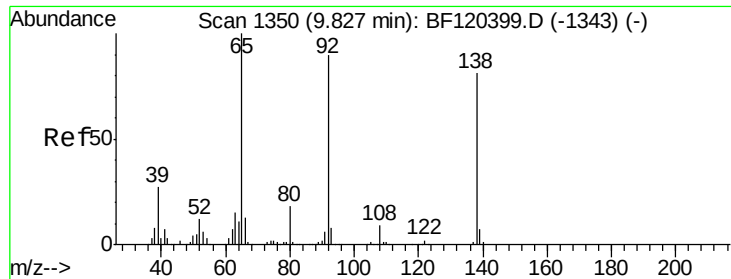
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#52
 Acenaphthene
 Concen: 50.63 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1134618		
153	112.1	90.0	135.0	
152	54.5	43.9	65.9	





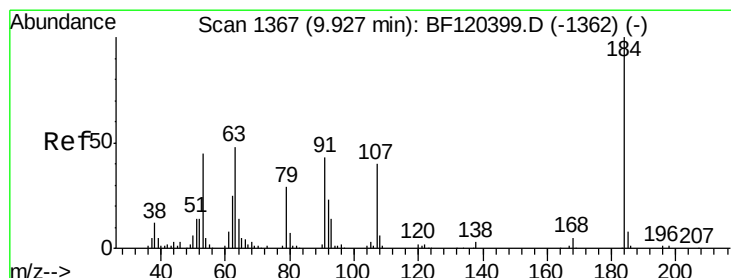
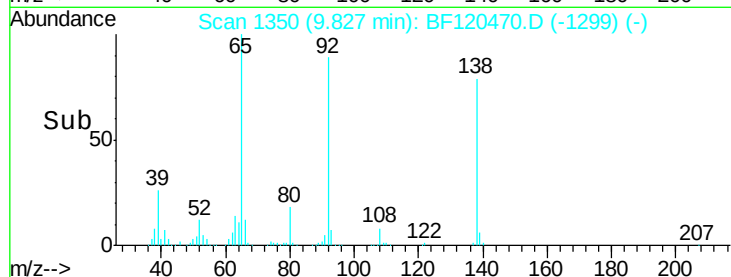
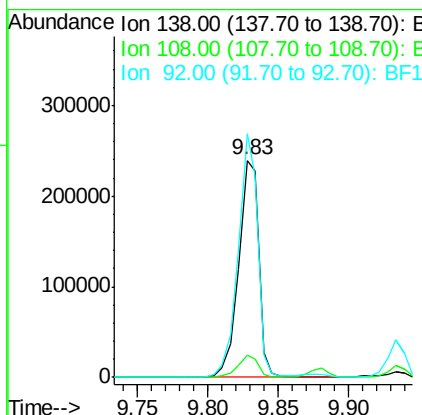
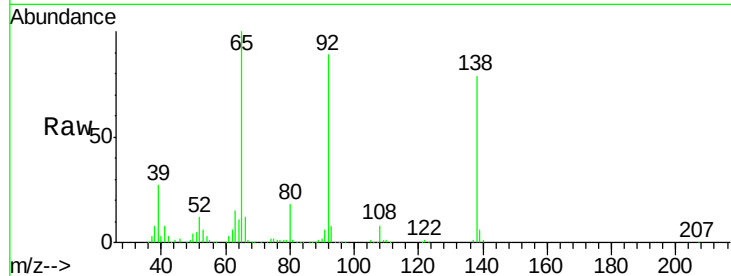
#53
 3-Nitroaniline
 Concen: 34.02 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	238427		
108	10.2	8.5	12.7	
92	112.2	89.0	133.4	

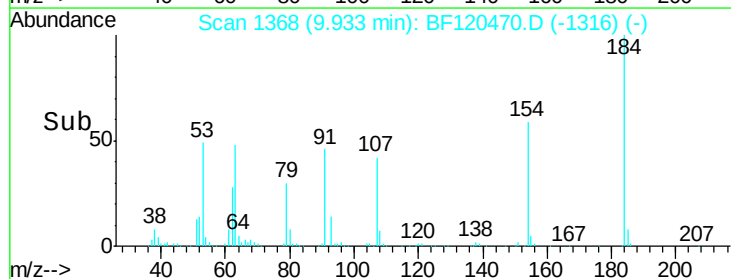
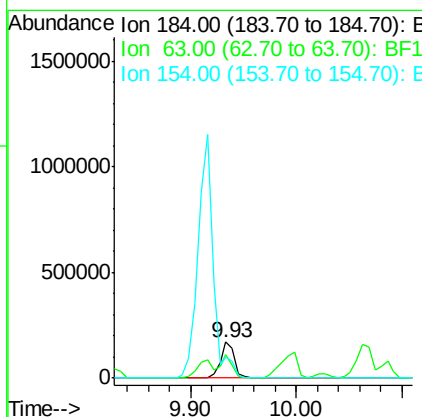
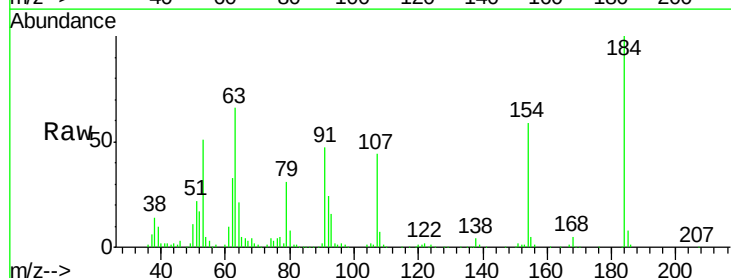
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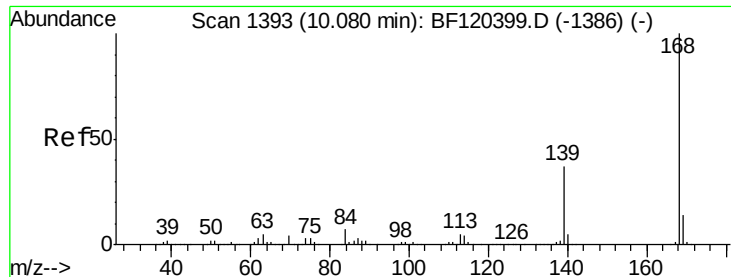
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#54
 2,4-Dinitrophenol
 Concen: 67.12 ng
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	158089		
63	65.5	45.9	68.9	
154	59.4	46.4	69.6	





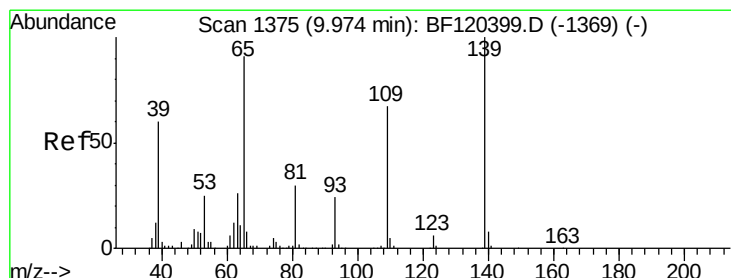
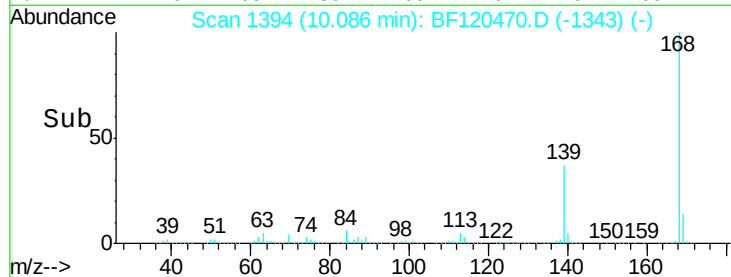
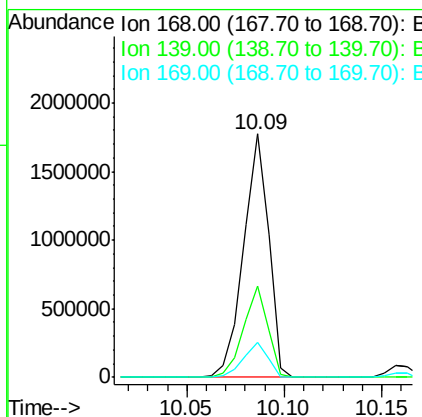
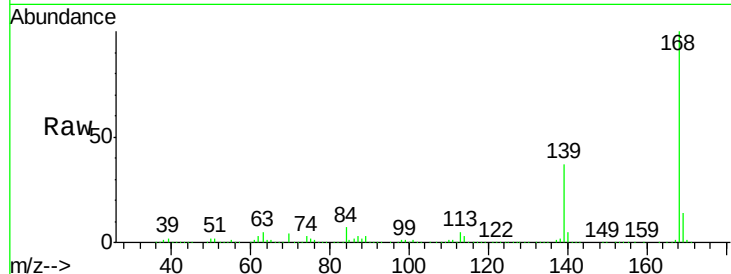
#55
Dibenzenofuran
Concen: 48.49 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion:168 Resp: 1579257
Ion Ratio Lower Upper
168 100
139 37.3 30.0 45.0
169 14.3 11.5 17.3

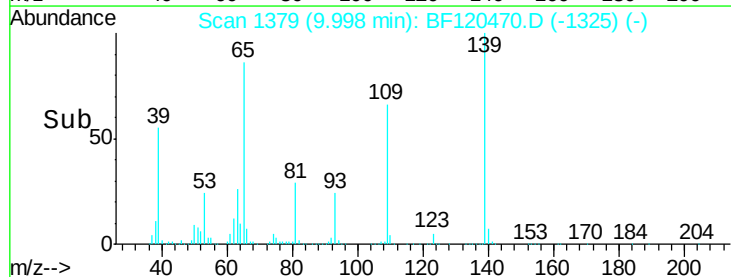
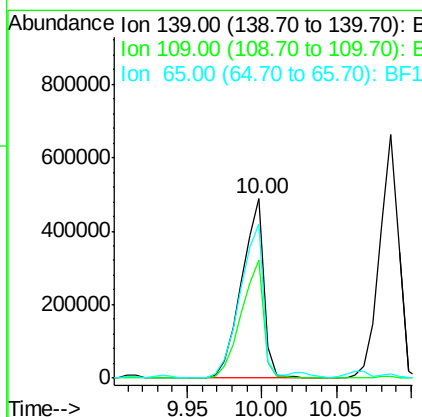
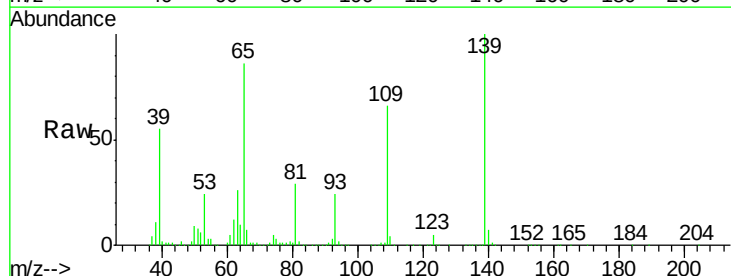
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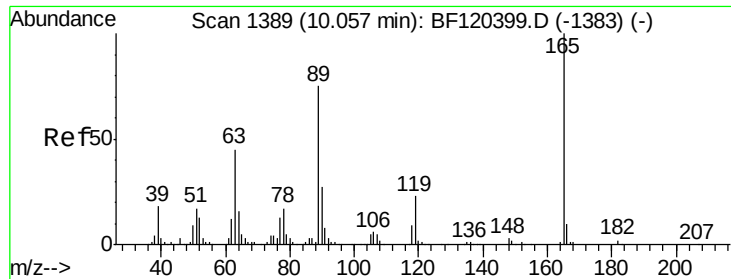
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#56
4-Nitrophenol
Concen: 94.31 ng
RT: 10.00 min Scan# 1379
Delta R.T. 0.02 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:139 Resp: 506021
Ion Ratio Lower Upper
139 100
109 66.1 47.3 87.3
65 86.3 71.5 111.5





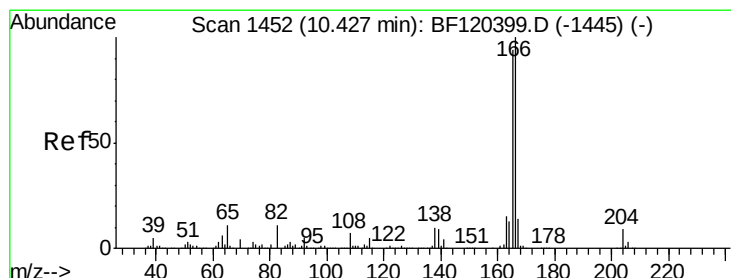
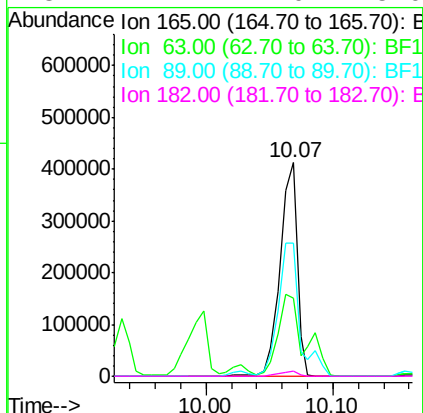
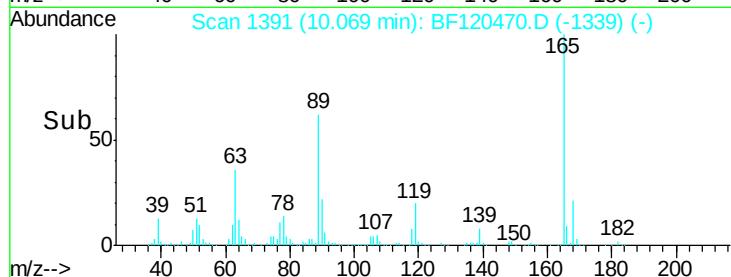
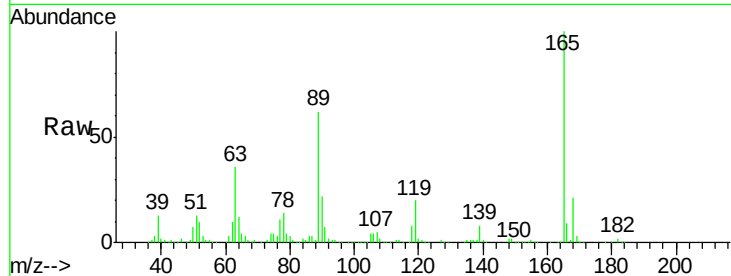
#57
 2,4-Dinitrotoluene
 Concen: 50.41 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	385091		
63	36.3	35.9	53.9	
89	62.3	60.0	90.0	
182	2.4	2.0	3.0	

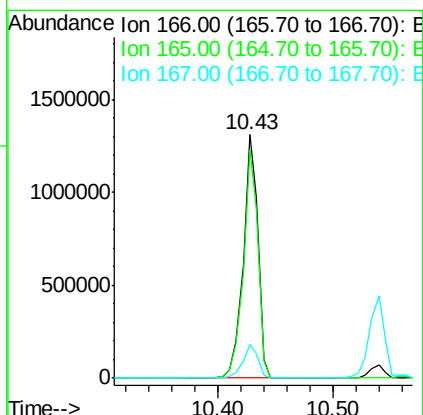
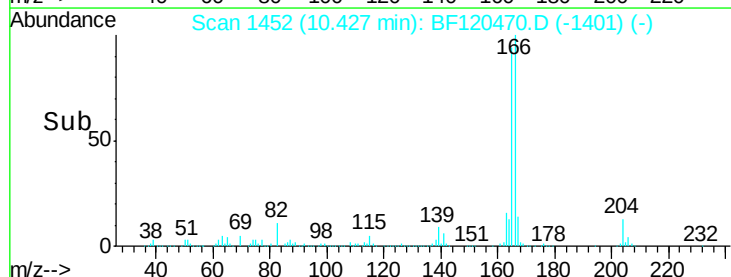
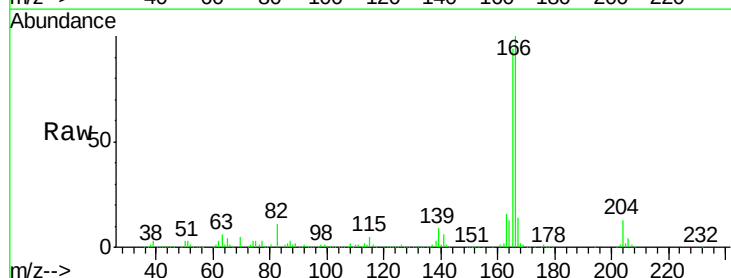
Manual Integrations
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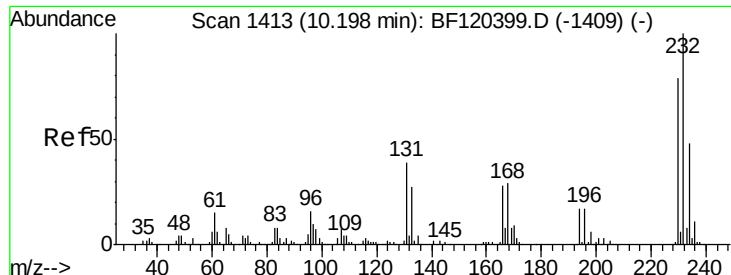
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#58
 Fluorene
 Concen: 47.00 ng
 RT: 10.43 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

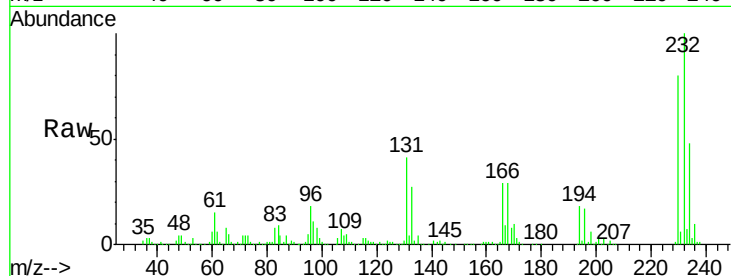
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1148747		
165	93.8	75.6	113.4	
167	13.9	10.9	16.3	





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.30 ng
RT: 10.20 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

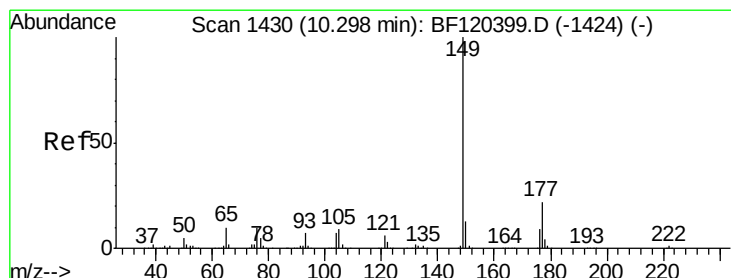
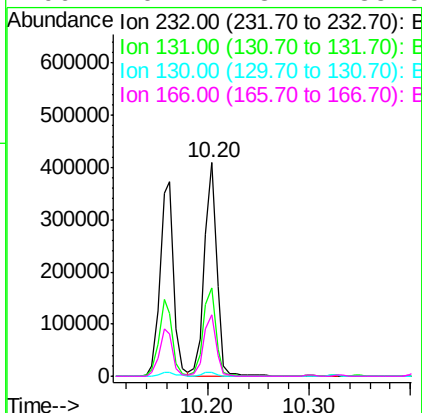
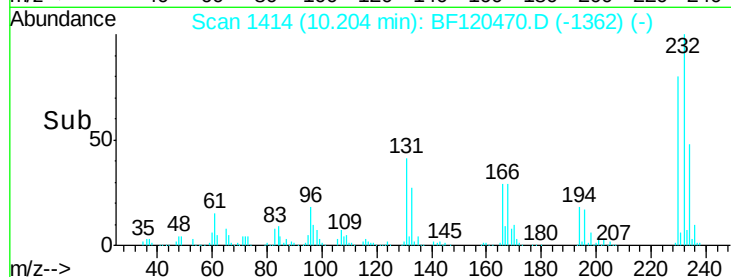
Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	346928		
131	42.3	34.6	51.8	
130	2.1	1.7	2.5	
166	29.4	23.7	35.5	

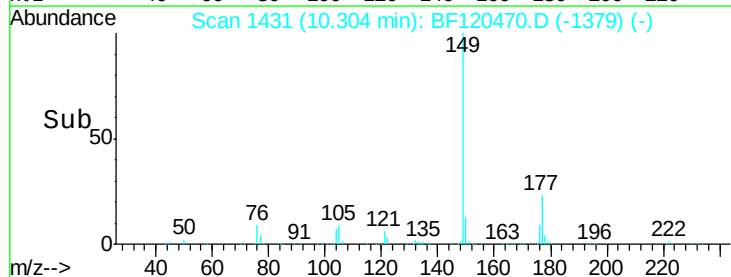
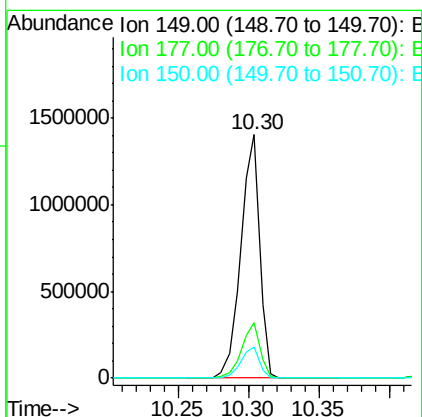
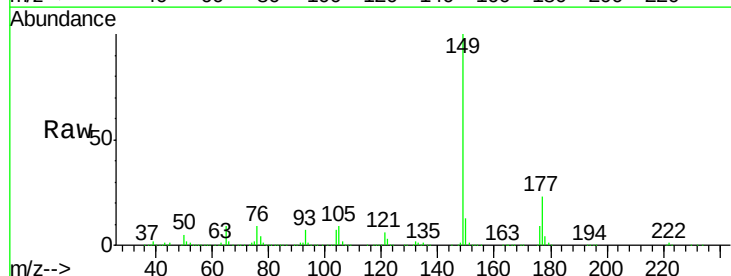
Manual Integrations
APPROVED

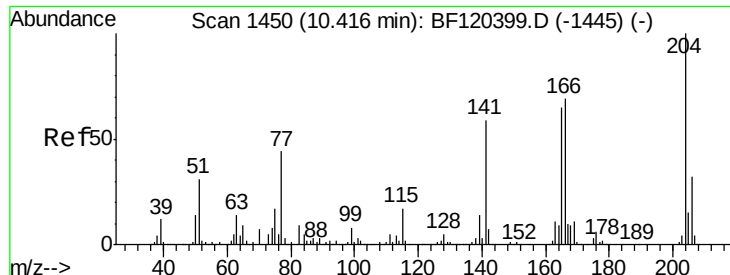
mohammad
6/2/2020 3:25:24 PM



#60
Diethylphthalate
Concen: 47.90 ng
RT: 10.30 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1300056		
177	22.6	17.4	26.2	
150	12.7	10.3	15.5	





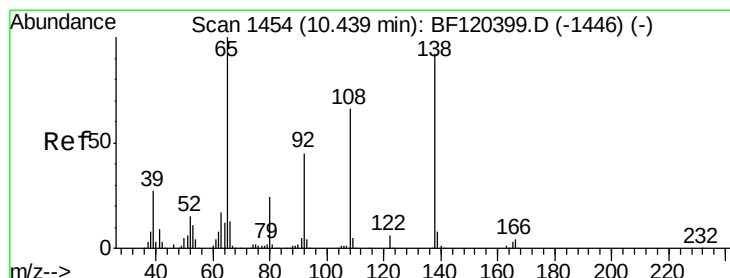
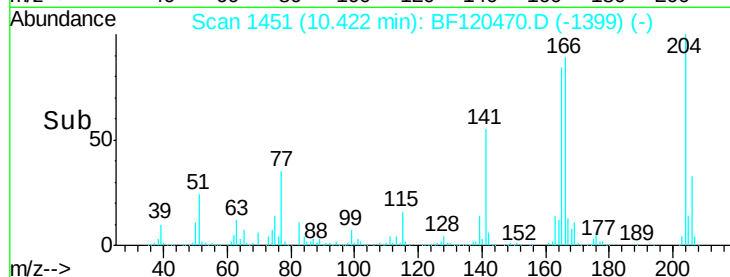
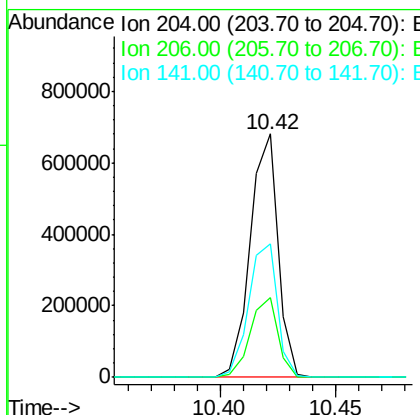
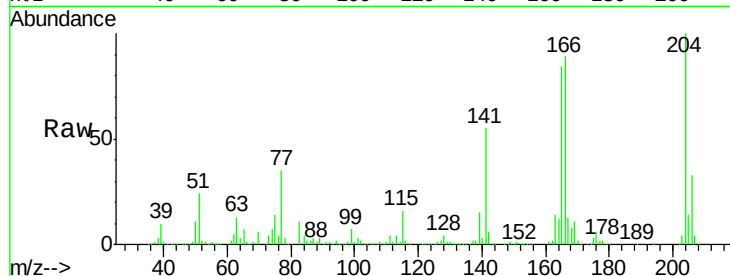
#61
 4-Chlorophenyl-phenylether
 Concen: 43.52 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	576658		
206	32.6	25.8	38.8	
141	54.8	47.2	70.8	

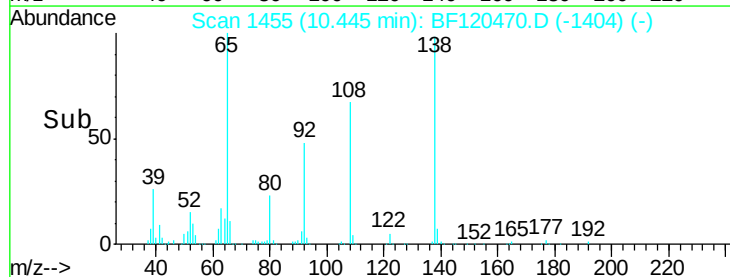
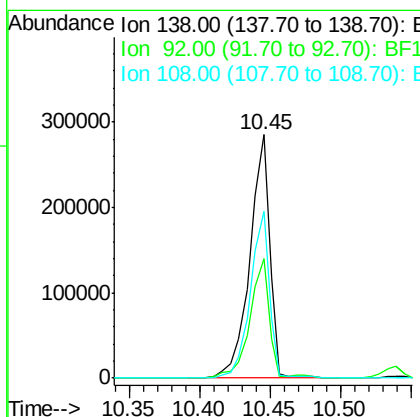
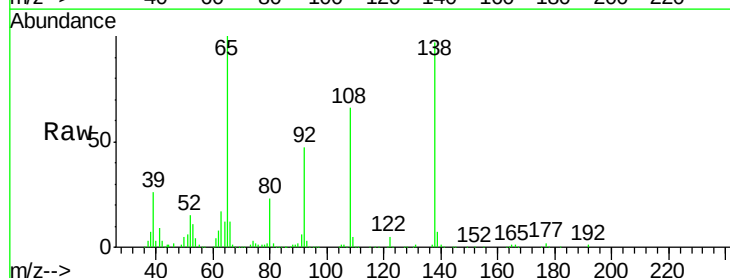
Manual Integrations
 APPROVED

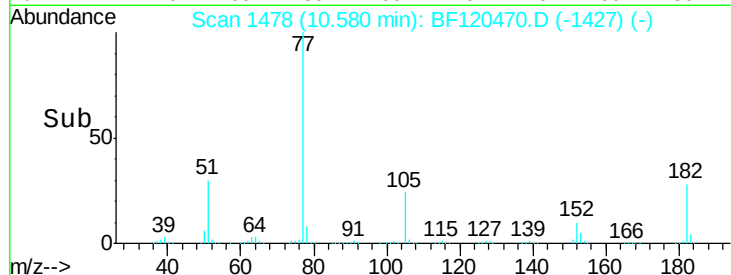
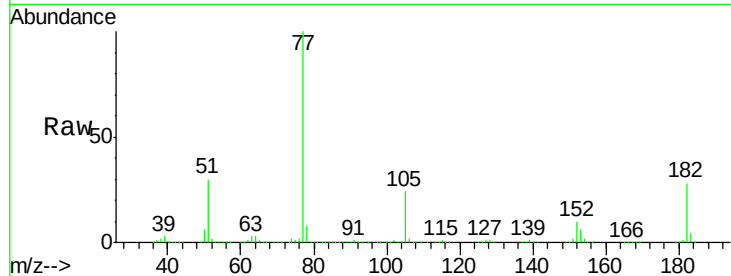
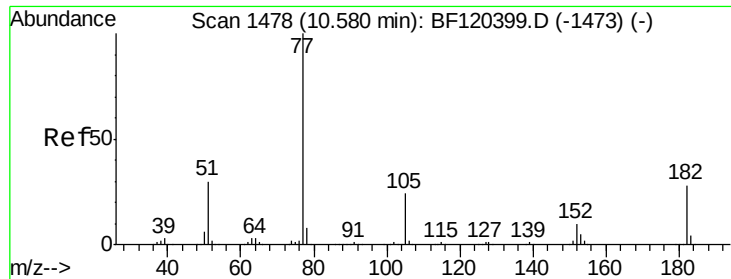
mohammad
 6/2/2020 3:25:24 PM



#62
 4-Nitroaniline
 Concen: 43.11 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	285270		
92	49.0	29.3	69.3	
108	68.6	51.8	91.8	





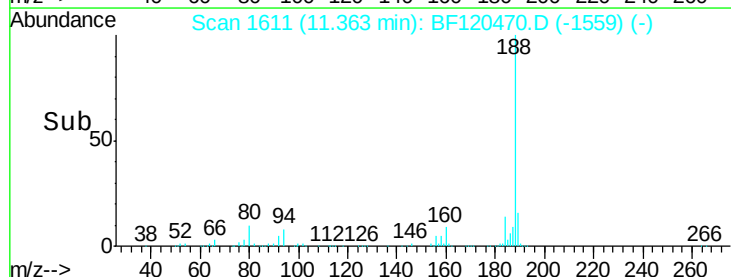
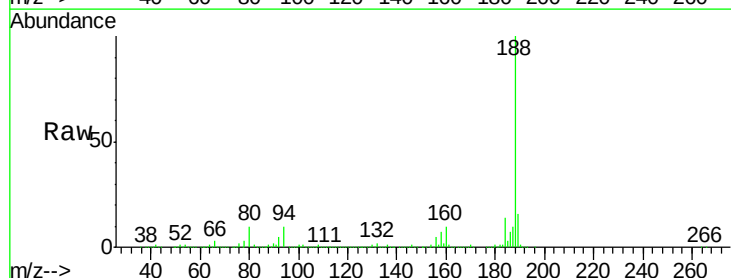
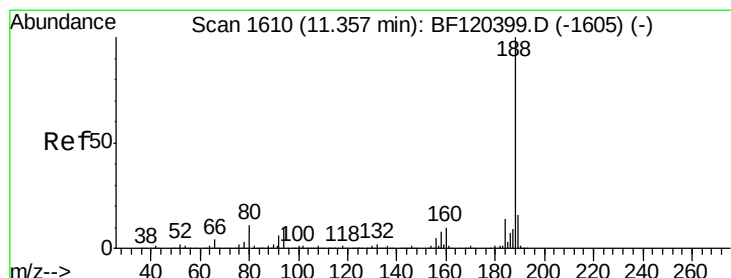
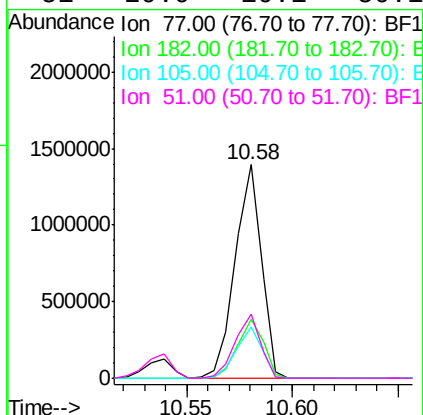
#63
Azobenzene
Concen: 46.72 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.5	8.1	48.1	
105	23.8	3.8	43.8	
51	29.9	10.1	50.1	

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

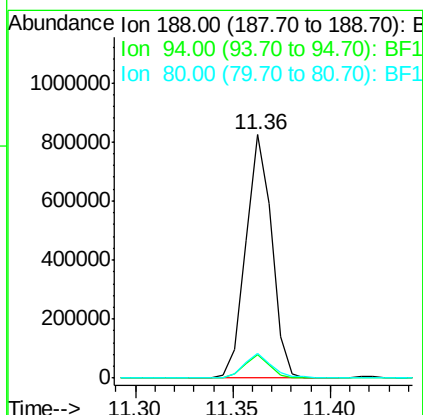
Manual Integrations
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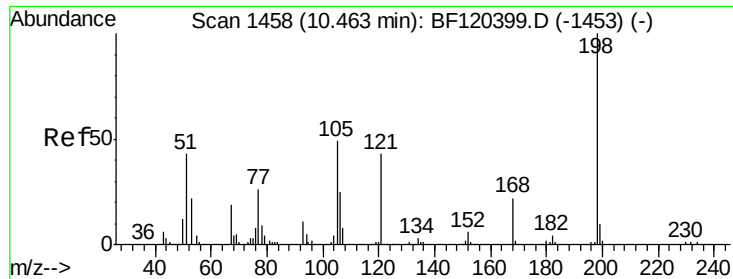
mohammad
6/2/2020 3:25:24 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	7.9	11.9	
80	9.9	8.6	13.0	





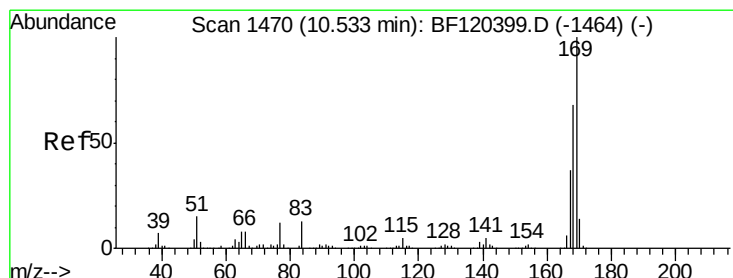
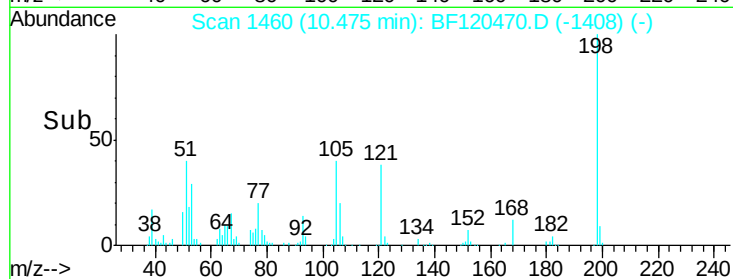
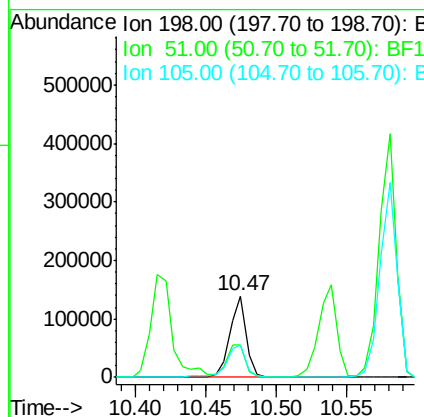
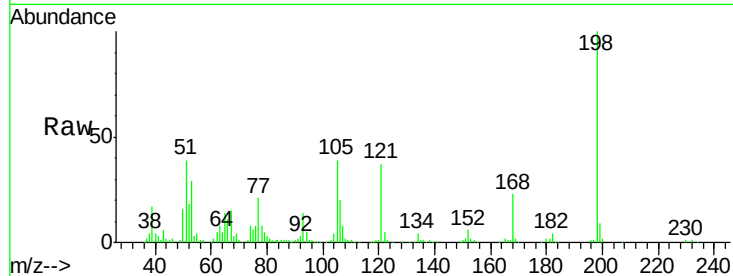
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.81 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112866		
51	39.3	34.1	74.1	
105	39.3	30.5	70.5	

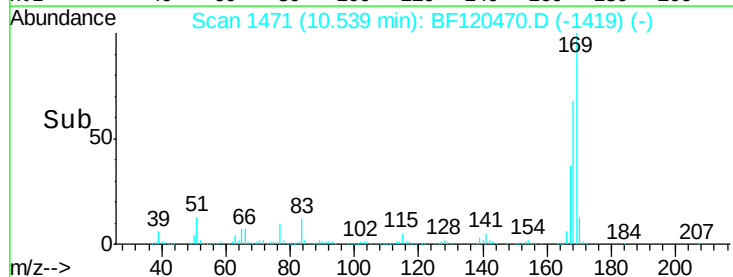
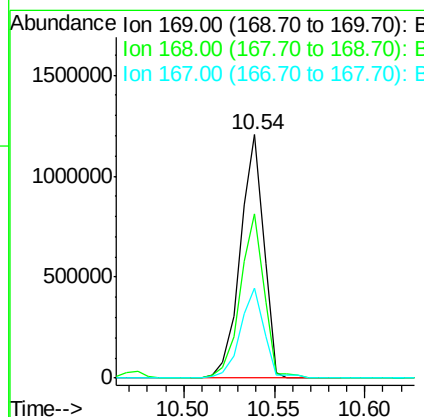
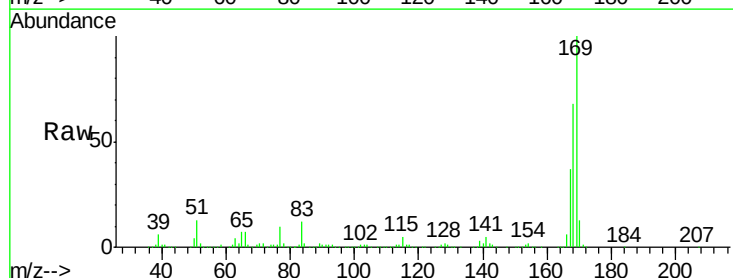
Manual Integrations
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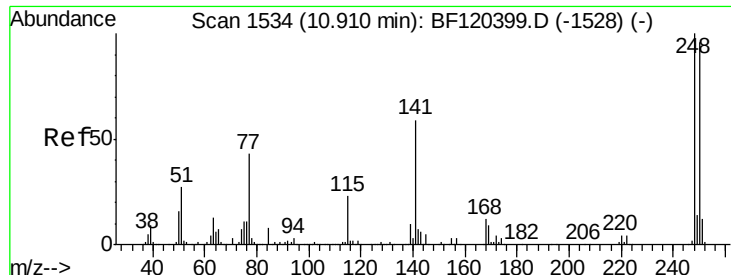
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 51.35 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1081708		
168	67.6	54.2	81.2	
167	37.1	29.8	44.8	





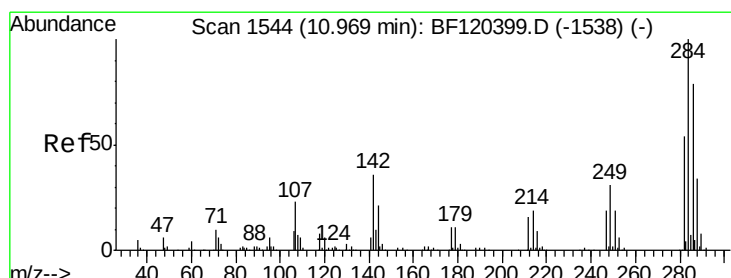
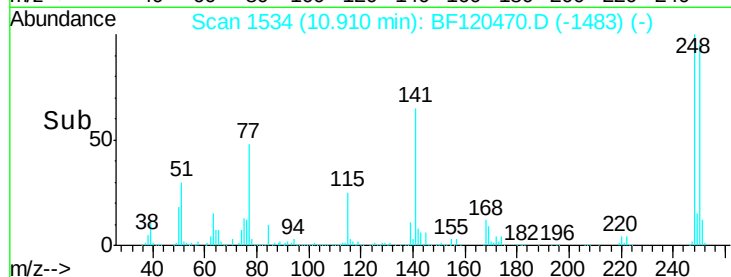
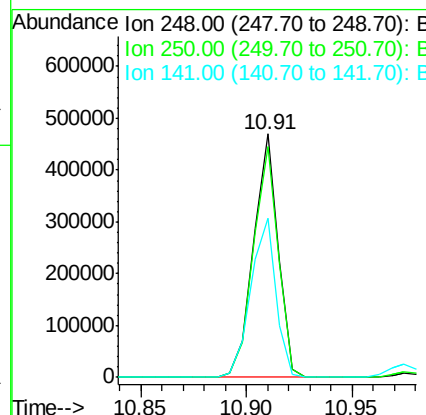
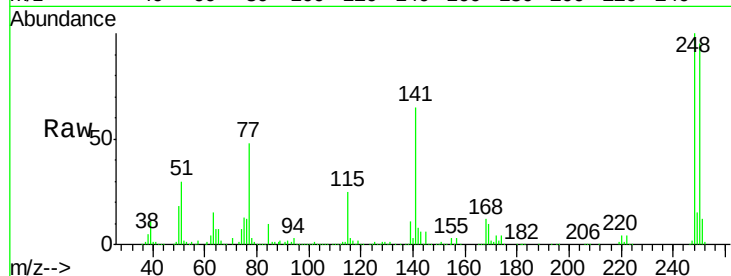
#67
 4-Bromophenyl-phenylether
 Concen: 49.66 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	380083		
250	94.7	76.5	114.7	
141	65.4	47.2	70.8	

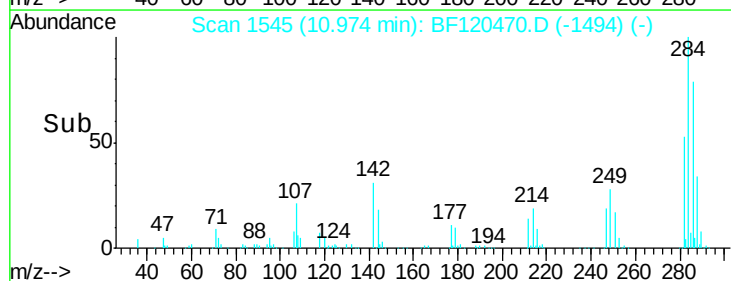
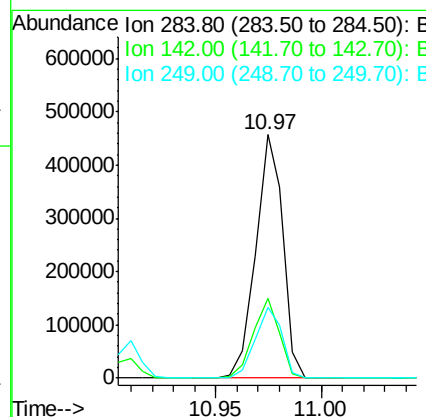
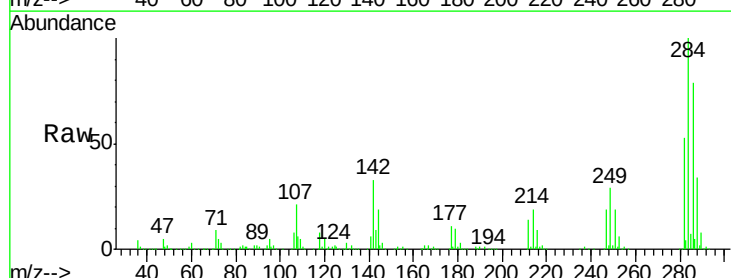
Manual Integrations
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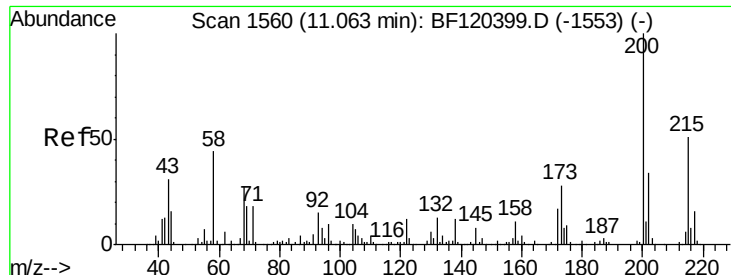
mohammad
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#68
 Hexachlorobenzene
 Concen: 49.97 ng
 RT: 10.97 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	407330		
142	32.9	28.5	42.7	
249	29.3	25.0	37.6	





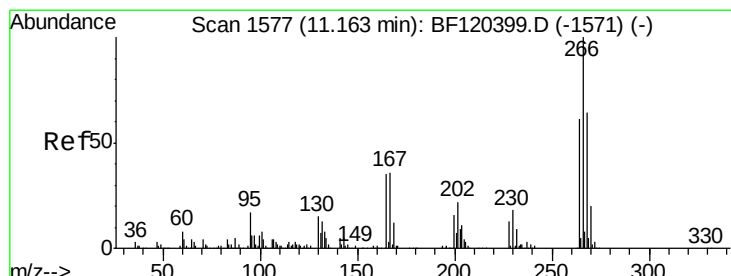
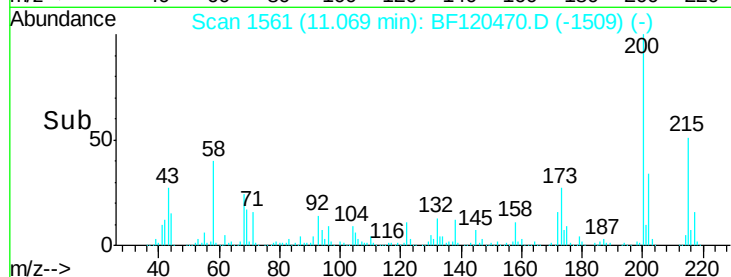
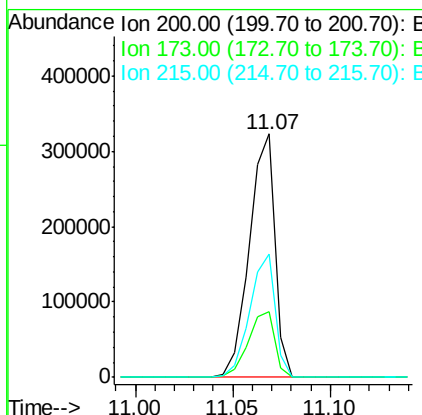
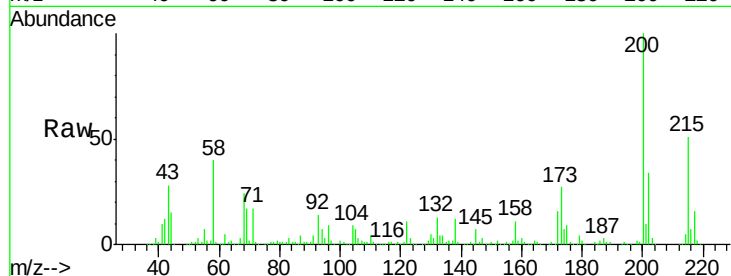
#69
Atrazine
Concen: 49.48 ng
RT: 11.07 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	293788		
173	26.8	7.9	47.9	
215	50.9	31.2	71.2	

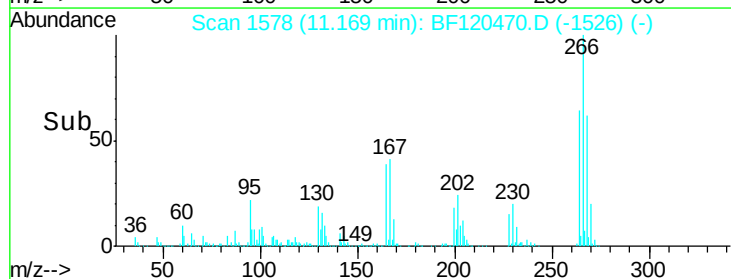
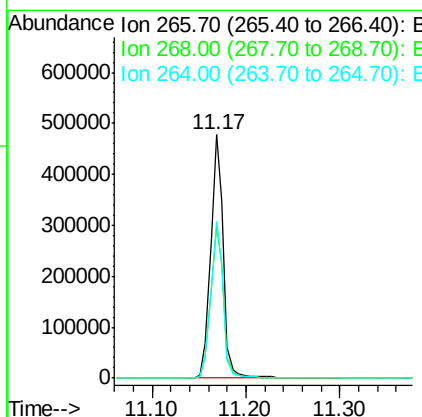
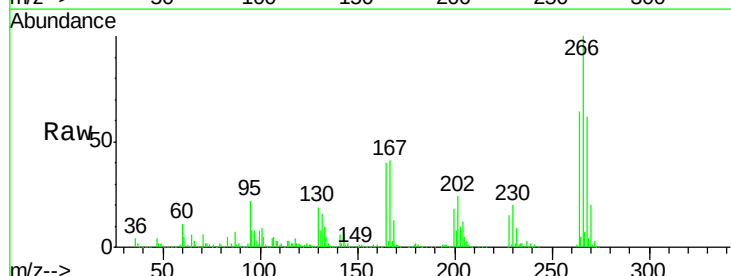
Manual Integrations
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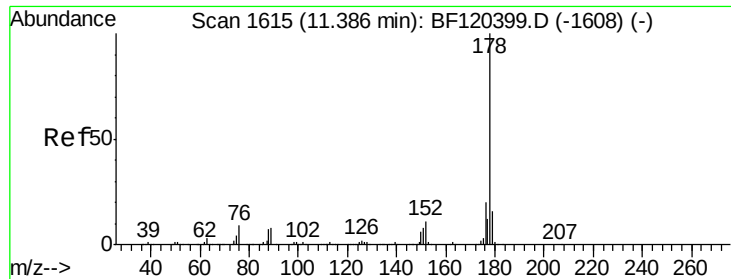
mohammad
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#70
Pentachlorophenol
Concen: 91.69 ng
RT: 11.17 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	456988		
268	62.3	51.5	77.3	
264	64.1	49.1	73.7	





#71

Phenanthrene

Concen: 53.77 ng

RT: 11.39 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:178 Resp: 1796654

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

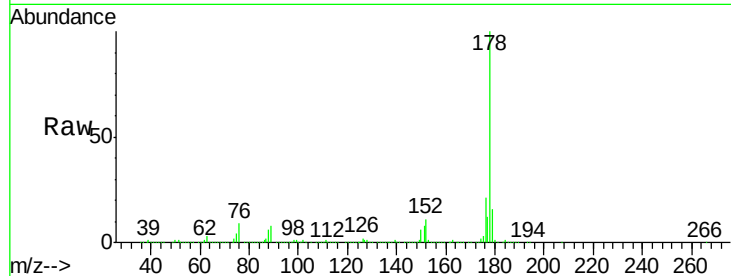
179 16.1 13.0 19.4

Manual Integrations

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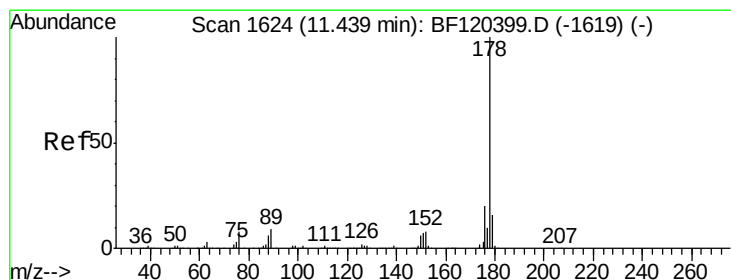
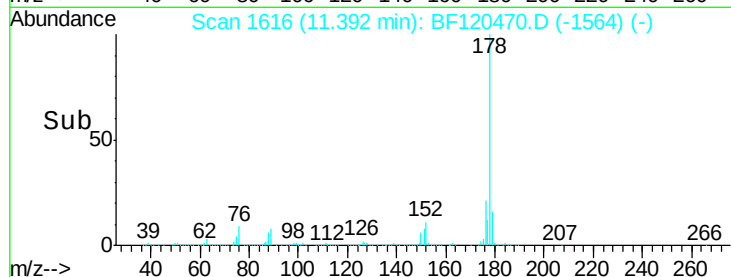
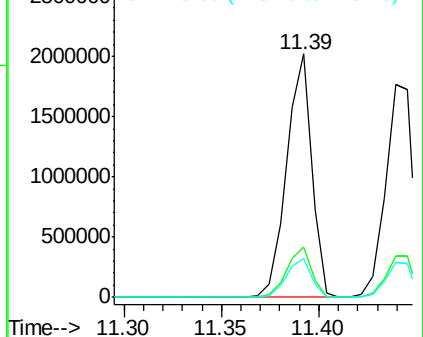
6/2/2020 3:25:24 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.66 ng

RT: 11.44 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:178 Resp: 1698280

Ion Ratio Lower Upper

178 100

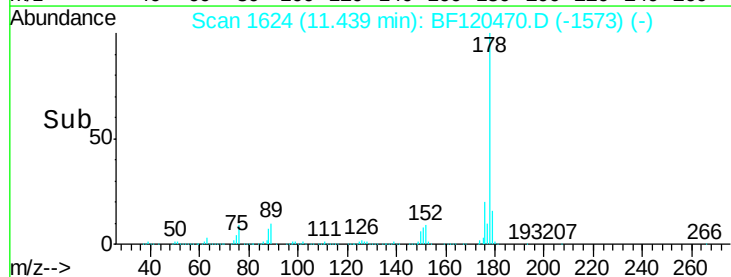
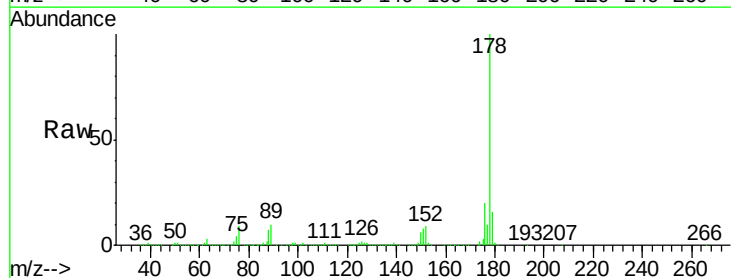
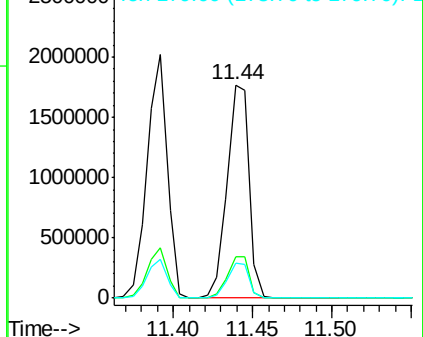
176 19.6 15.8 23.6

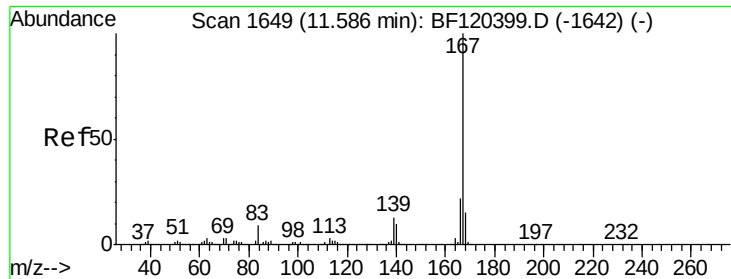
179 16.5 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





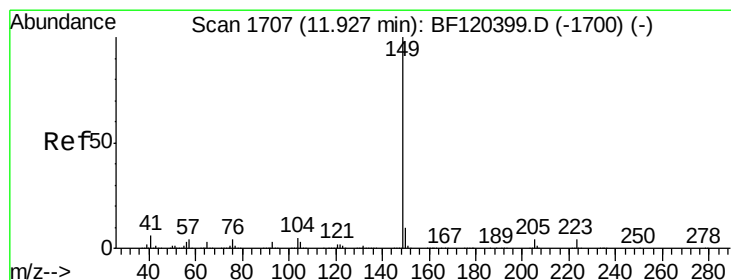
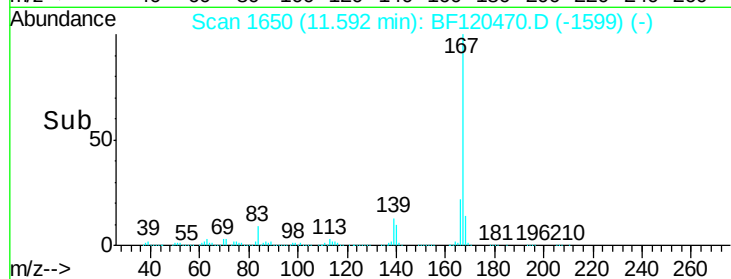
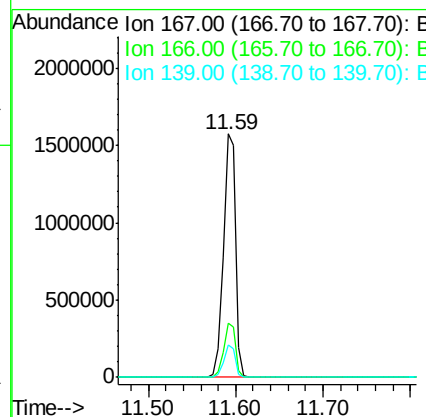
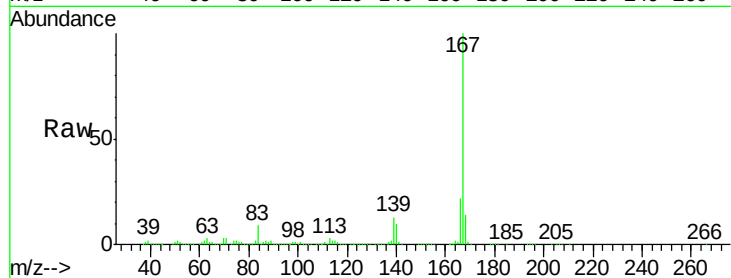
#73
 Carbazole
 Concen: 46.85 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion:167 Resp: 1519154
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.1 10.4 15.6

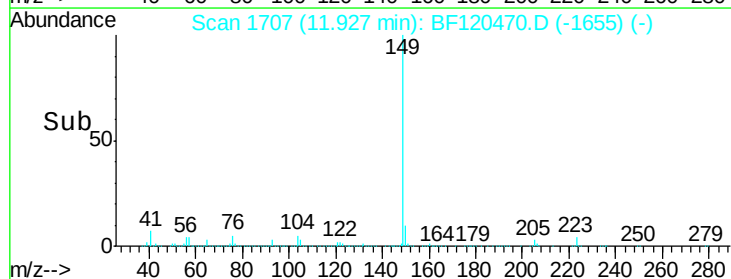
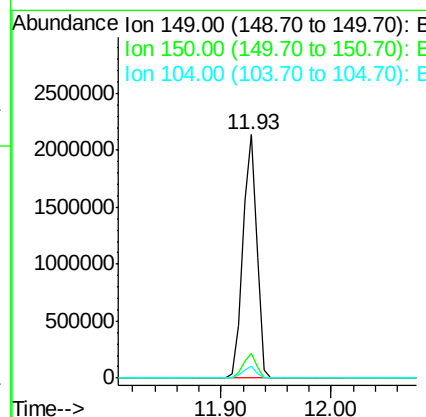
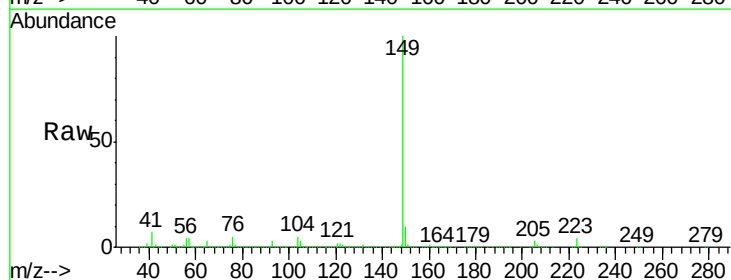
Manual Integrations
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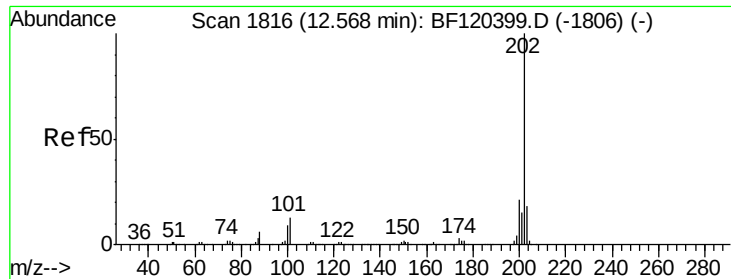
mohammad
 6/2/2020 3:25:24 PM



#74
 Di-n-butylphthalate
 Concen: 49.96 ng
 RT: 11.93 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion:149 Resp: 1884389
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 55.69 ng

RT: 12.58 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

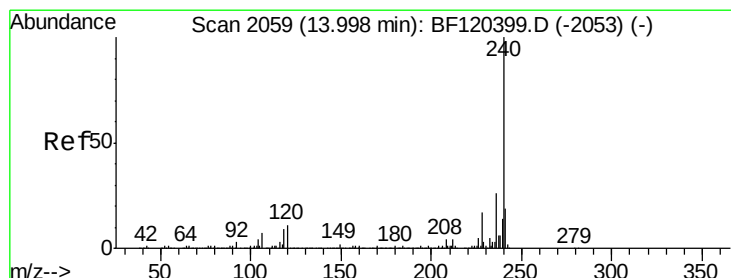
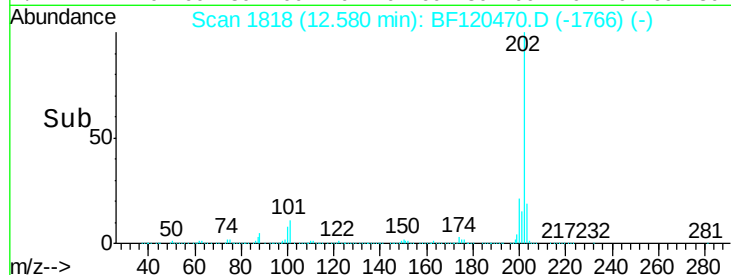
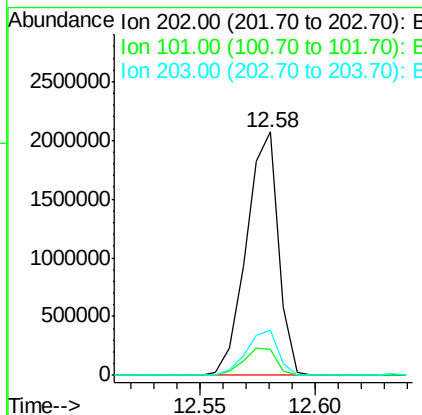
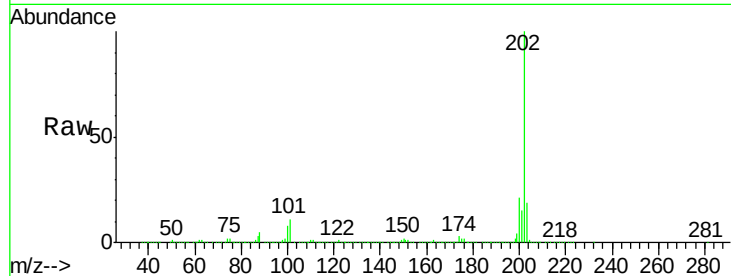
ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:	202	Resp:	2002123
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	32.6
203	18.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.00 ng

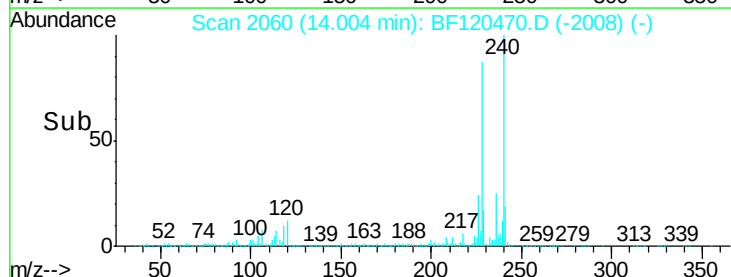
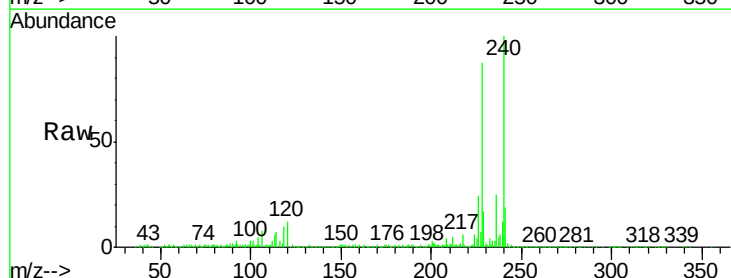
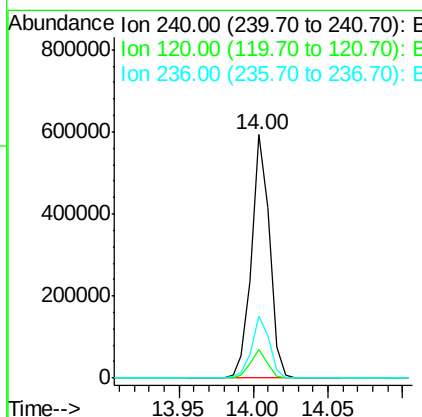
RT: 14.00 min Scan# 2060

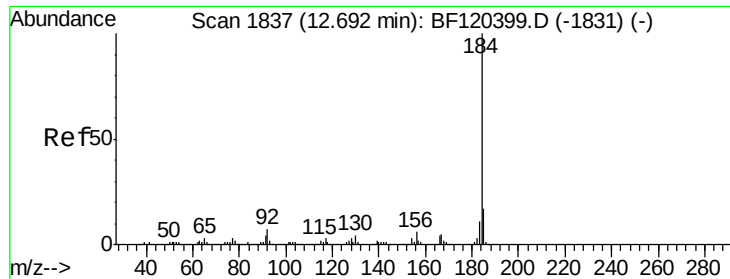
Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Tgt Ion:	240	Resp:	490729
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.8	13.2
236	25.2	21.0	31.4





#77

Benzidine

Concen: 34.47 ng

RT: 12.70 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

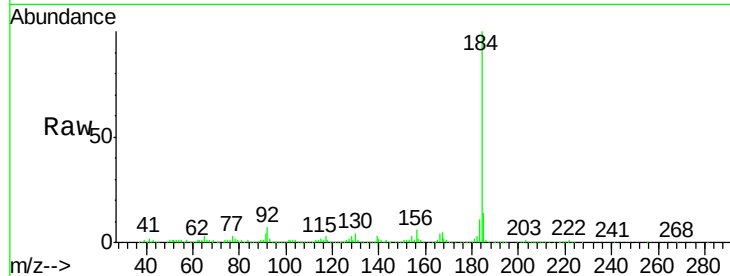
ClientSampleId :

NM28-COMP-2020-0-6MSD

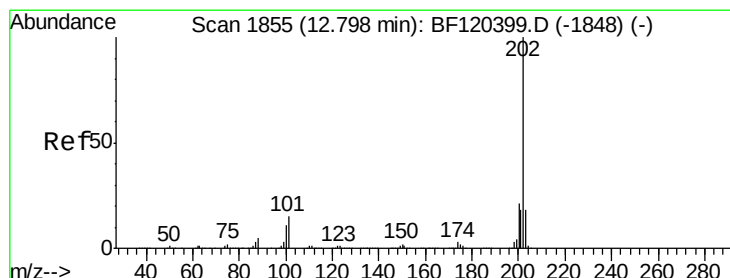
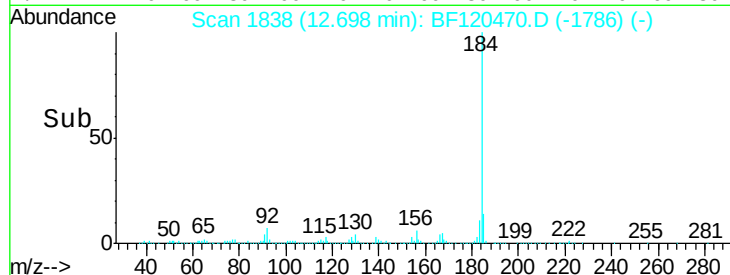
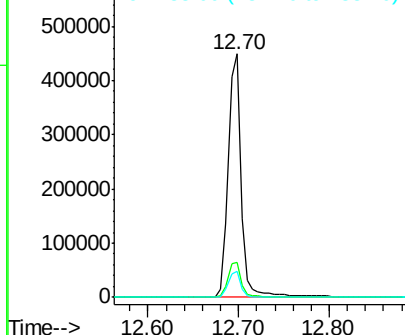
Tgt Ion:	184	Resp:	444490
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.0
183	10.9	8.6	12.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 58.34 ng

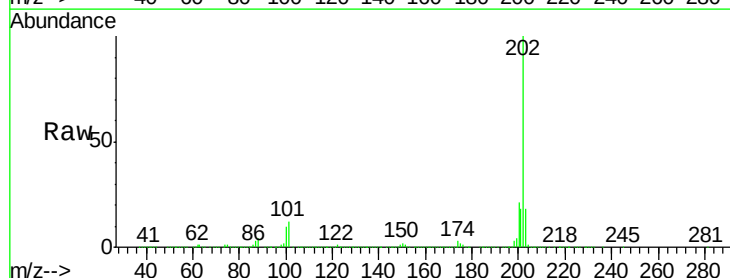
RT: 12.81 min Scan# 1857

Delta R.T. 0.01 min

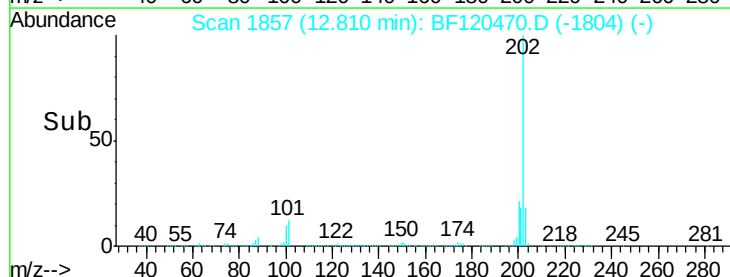
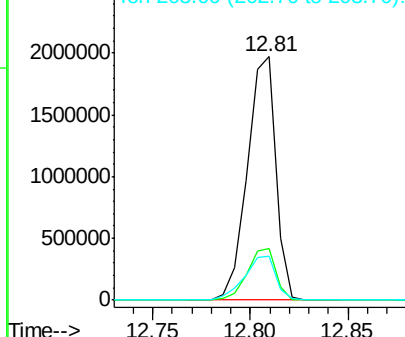
Lab File: BF120470.D

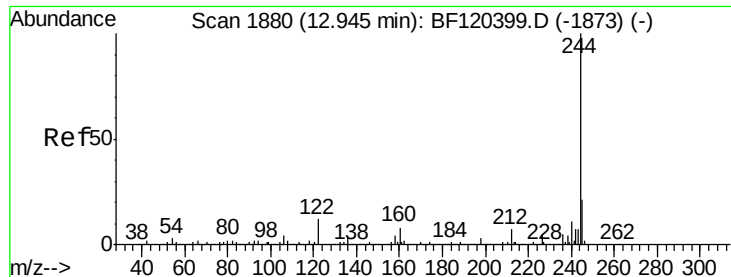
Acq: 1 Jun 2020 14:52

Tgt Ion:	202	Resp:	1991031
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	18.3	14.7	22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.17 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

Instrument :

BNA_F

ClientSampleId :

NM28-COMP-2020-0-6MSD

Tgt Ion:244 Resp: 1635746

Ion Ratio Lower Upper

244 100

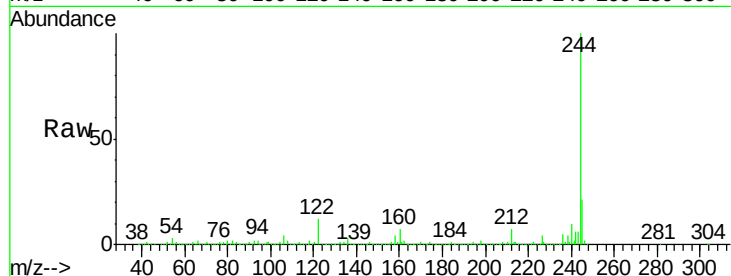
212 7.0 5.9 8.9

122 11.8 9.2 13.8

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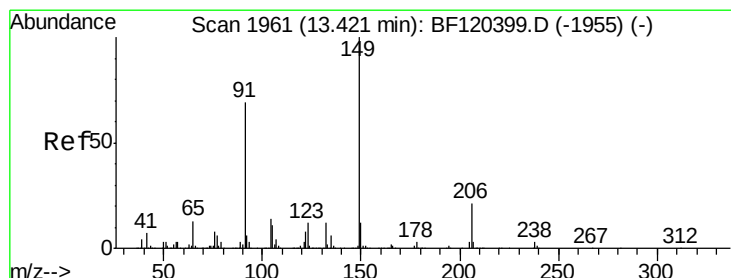
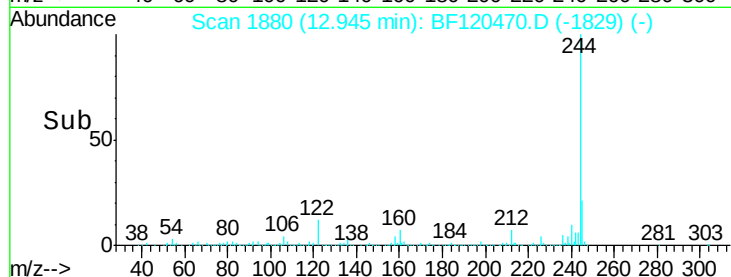
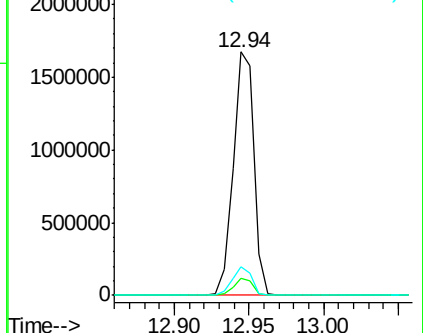
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.20 ng

RT: 13.43 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF120470.D

Acq: 1 Jun 2020 14:52

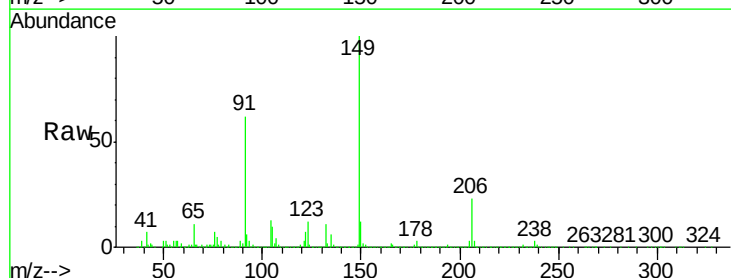
Tgt Ion:149 Resp: 715260

Ion Ratio Lower Upper

149 100

91 62.3 55.0 82.4

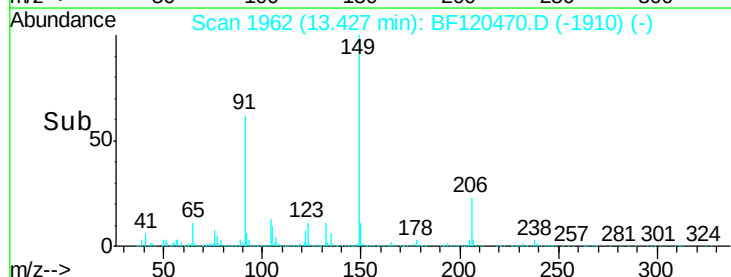
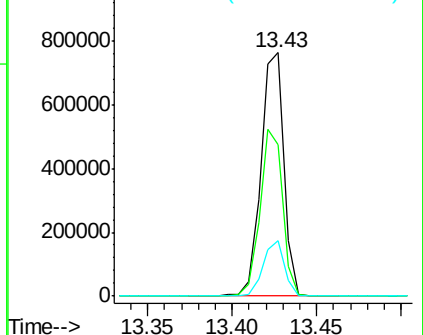
206 22.6 17.0 25.4

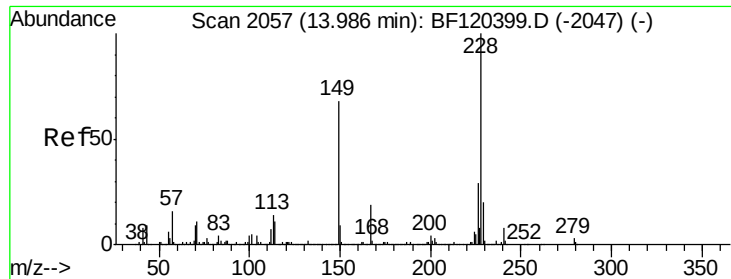


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





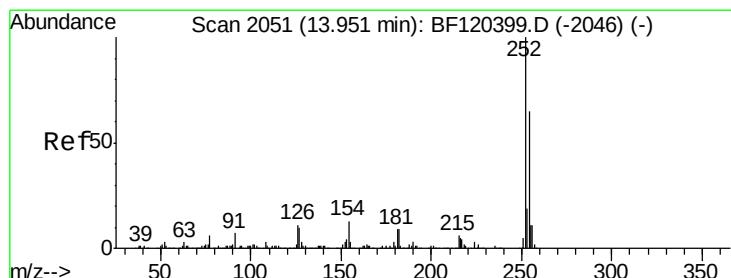
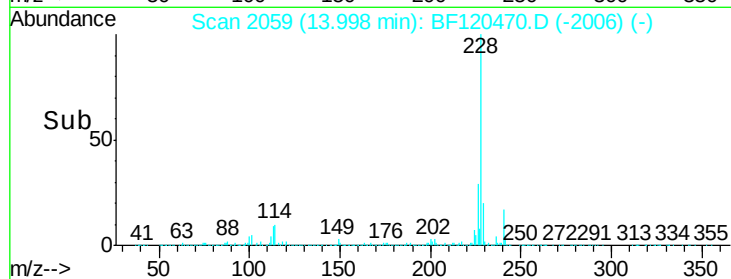
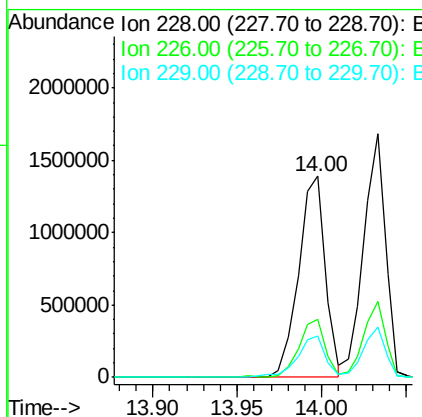
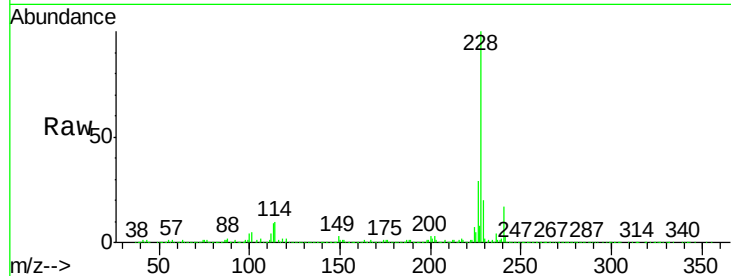
#81
Benzo(a)anthracene
Concen: 57.91 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.5	16.2	24.4

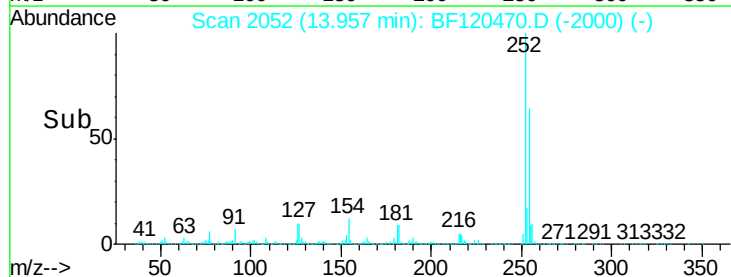
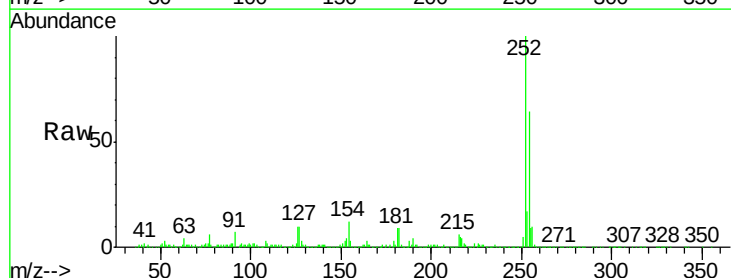
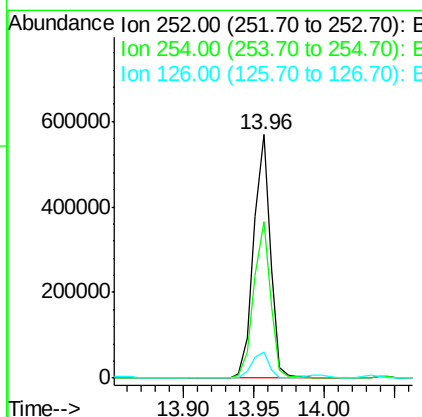
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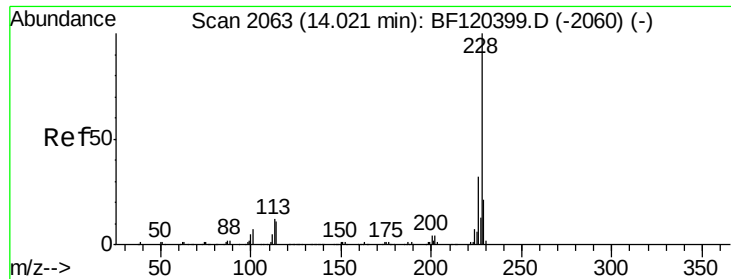
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#82
3,3'-Dichlorobenzidine
Concen: 49.82 ng
RT: 13.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	10.4	8.5	12.7





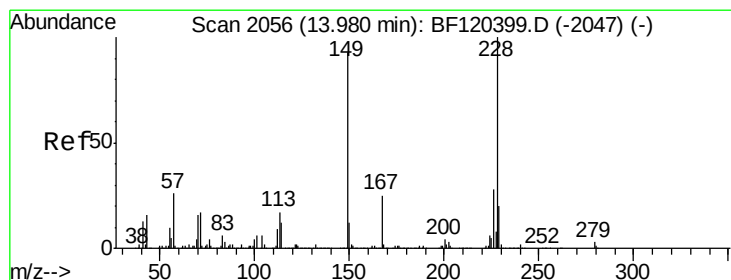
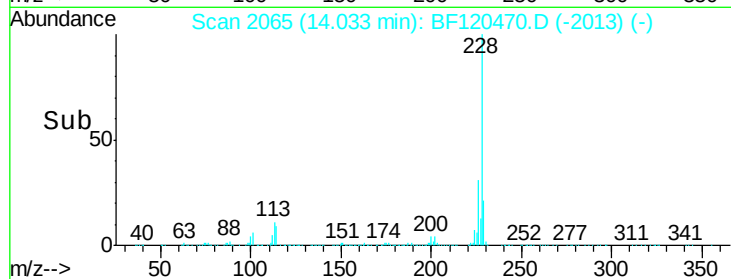
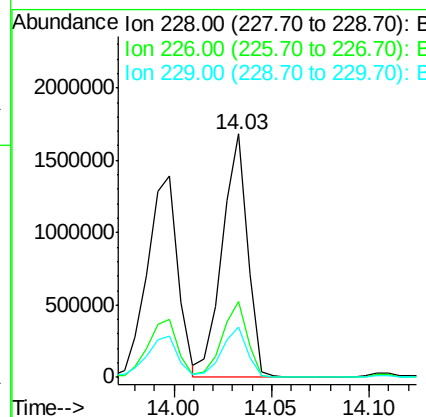
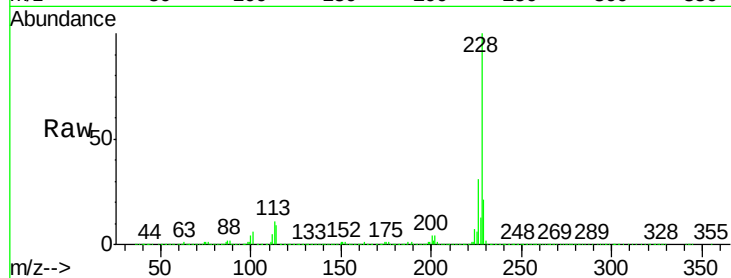
#83
Chrysene
Concen: 54.80 ng
RT: 14.03 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion: 228 Resp: 1510929
Ion Ratio Lower Upper
228 100
226 31.1 25.6 38.4
229 20.9 16.6 25.0

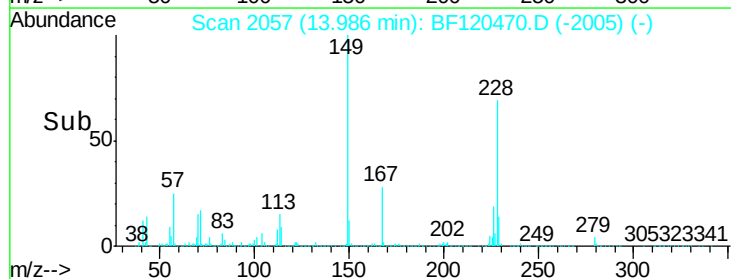
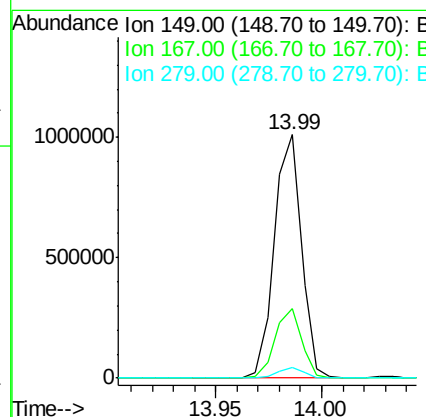
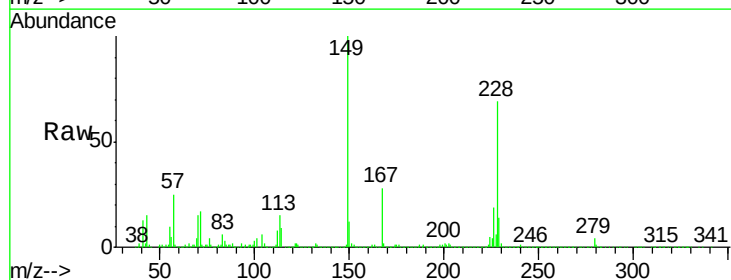
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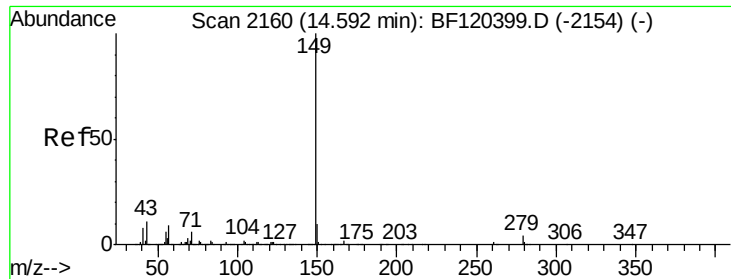
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.85 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion: 149 Resp: 900566
Ion Ratio Lower Upper
149 100
167 28.4 21.7 32.5
279 4.5 2.9 4.3#





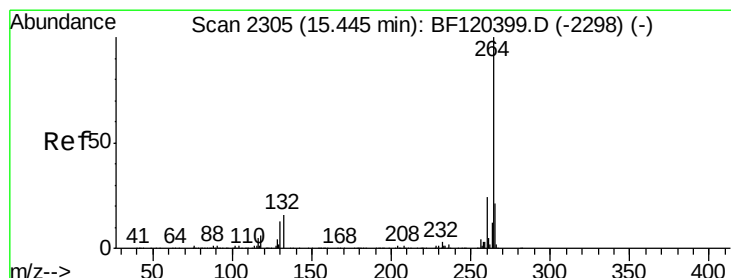
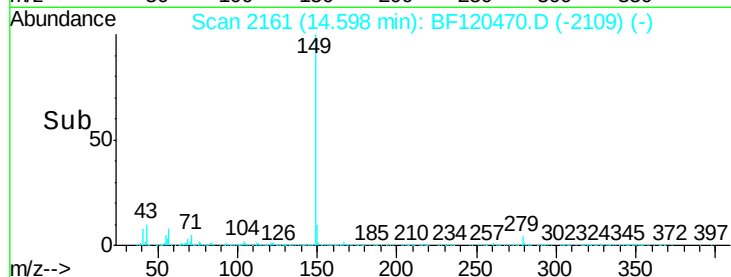
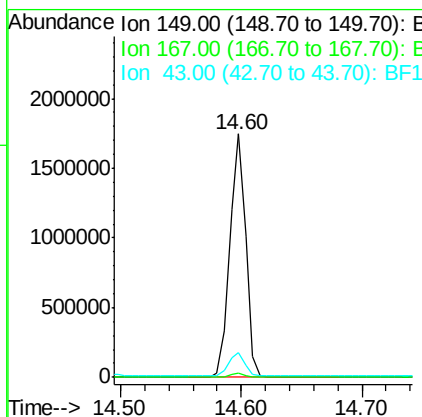
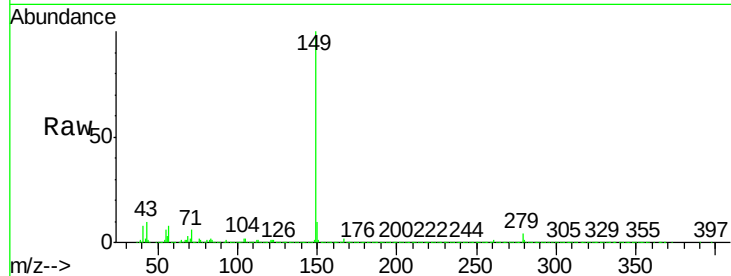
#85
Di-n-octyl phthalate
Concen: 54.68 ng
RT: 14.60 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.1	12.1

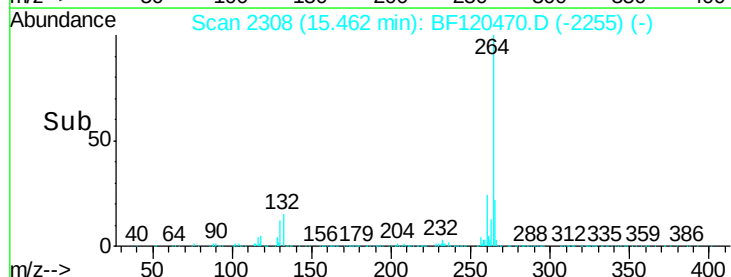
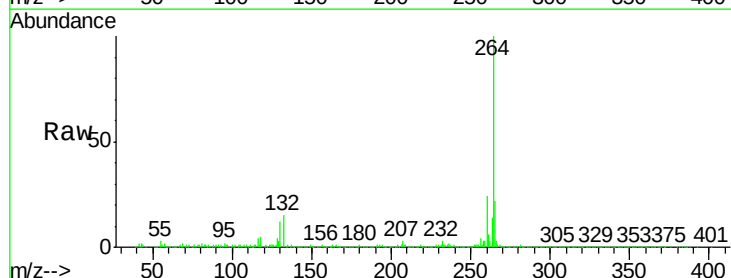
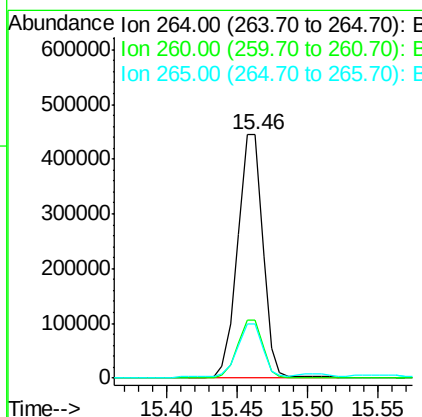
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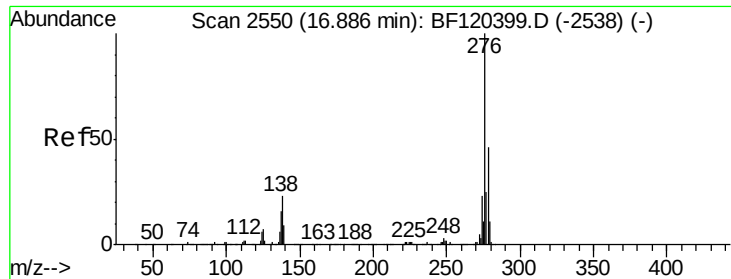
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	16.9	25.3





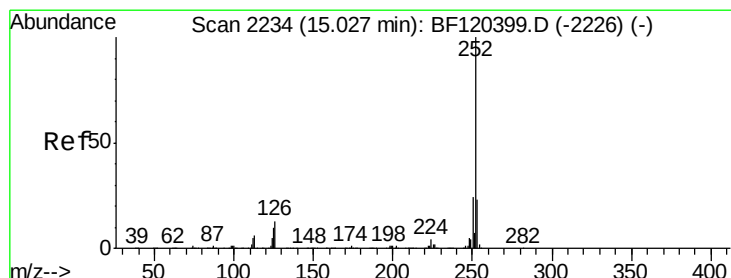
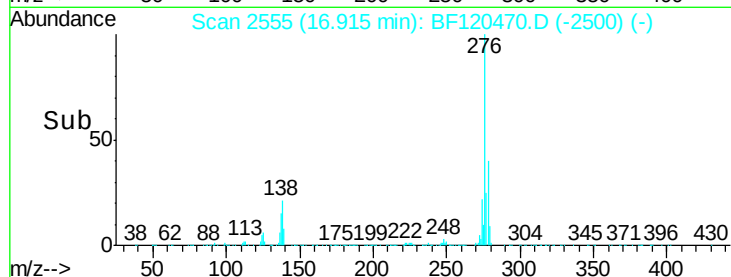
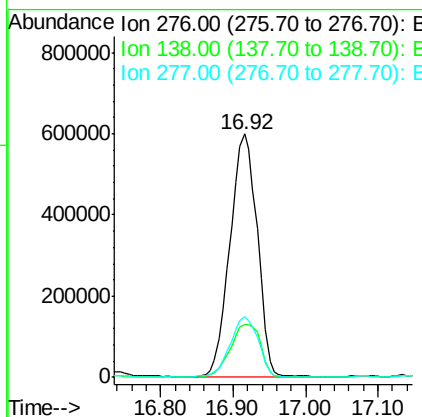
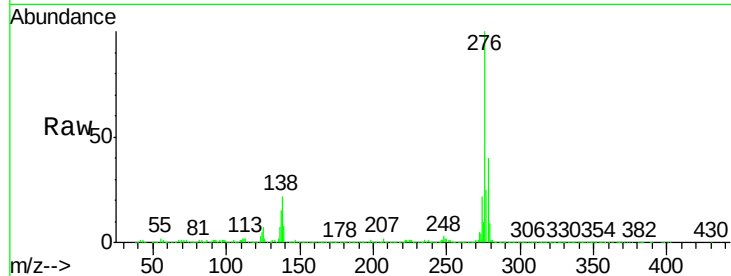
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.73 ng
 RT: 16.92 min Scan# 2555
 Delta R.T. 0.02 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 NM28-COMP-2020-0-6MSD

Tgt Ion: 276 Resp: 1563327
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.4 30.6
 277 25.1 20.4 30.6

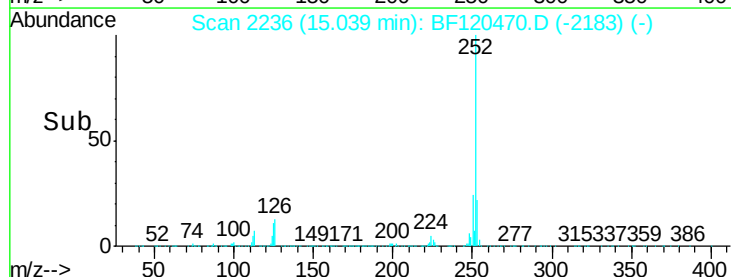
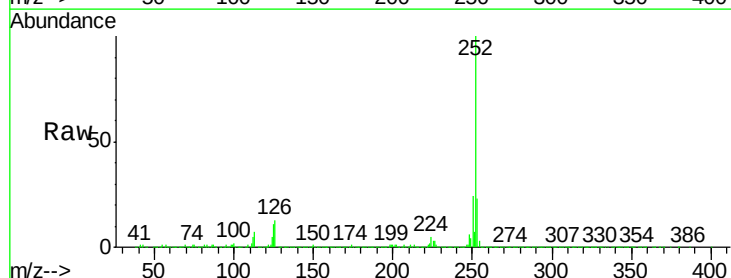
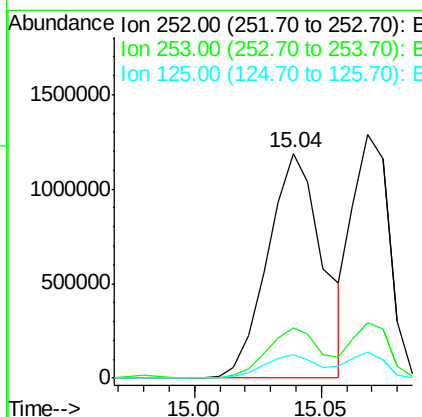
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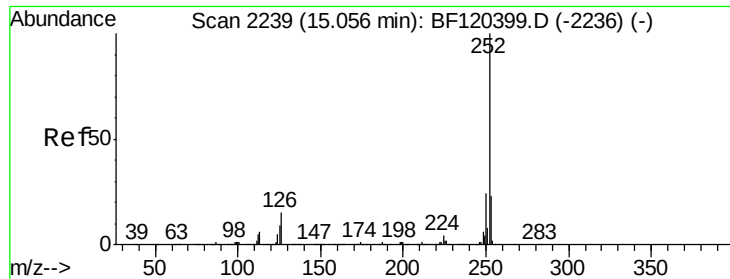
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 58.31 ng
 RT: 15.04 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF120470.D
 Acq: 1 Jun 2020 14:52

Tgt Ion: 252 Resp: 1789487
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 10.7 7.8 11.8





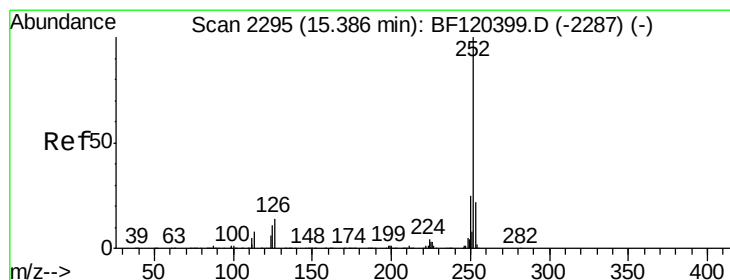
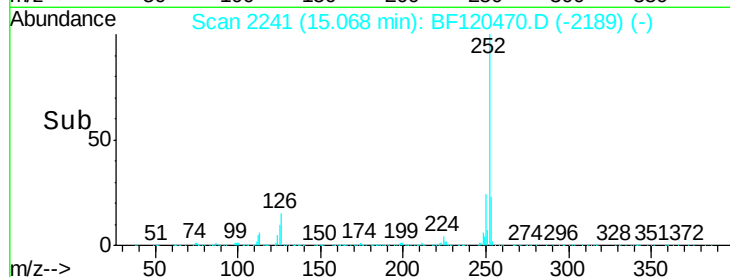
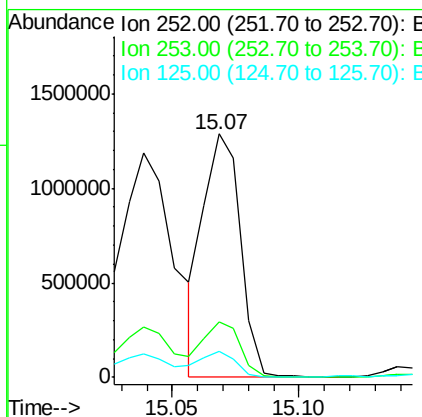
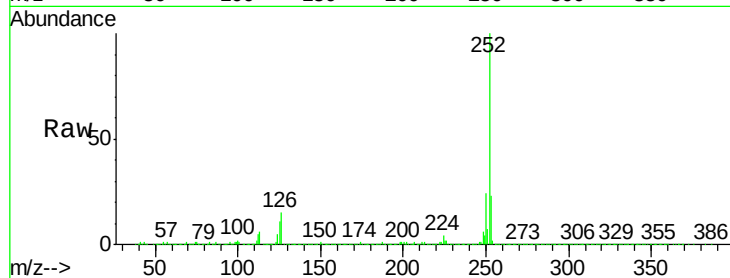
#89
Benzo(k)fluoranthene
Concen: 45.47 ng
RT: 15.07 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

Tgt Ion:252 Resp: 1302782
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 10.5 8.0 12.0

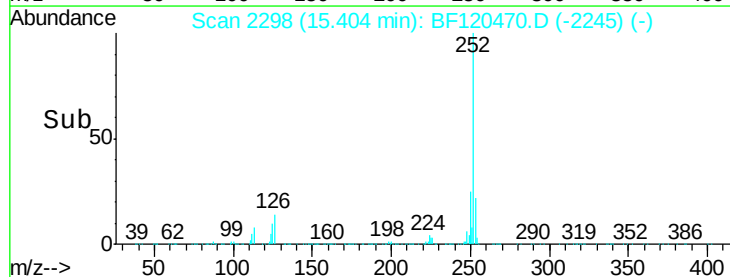
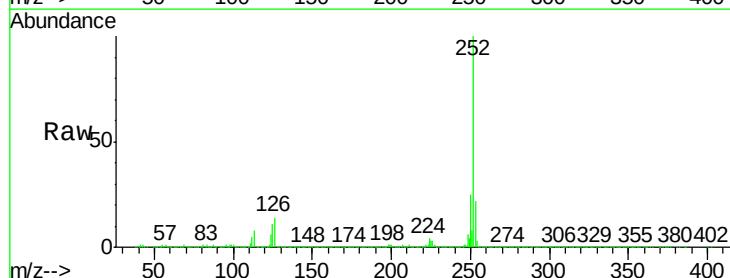
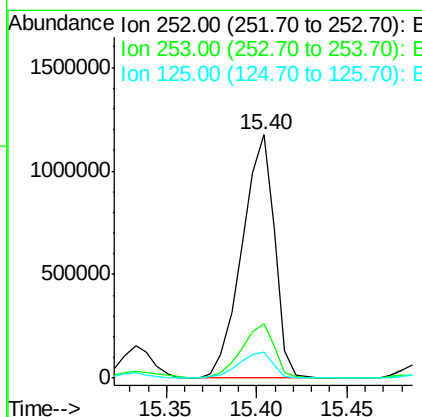
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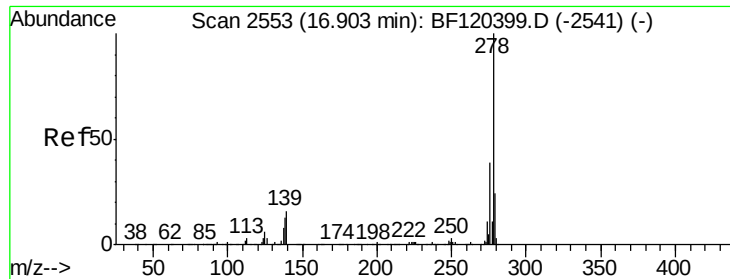
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#90
Benzo(a)pyrene
Concen: 54.32 ng
RT: 15.40 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion:252 Resp: 1458235
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.6 8.7 13.1





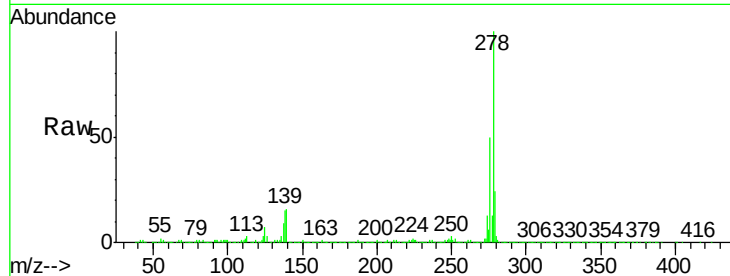
#91
Dibenzo(a,h)anthracene
Concen: 48.34 ng
RT: 16.93 min Scan# 2558
Delta R.T. 0.02 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Instrument :
BNA_F
ClientSampleId :
NM28-COMP-2020-0-6MSD

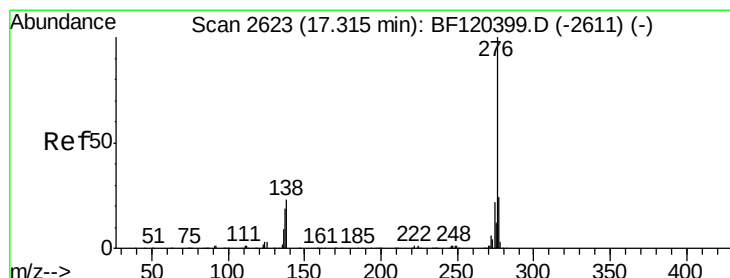
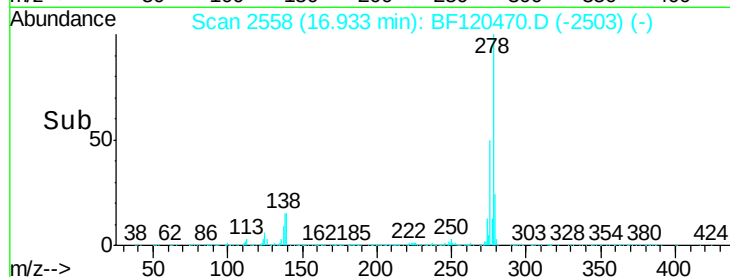
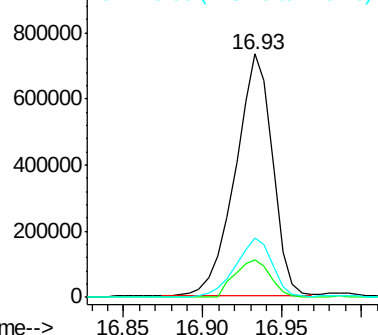
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	24.2	19.0	28.4

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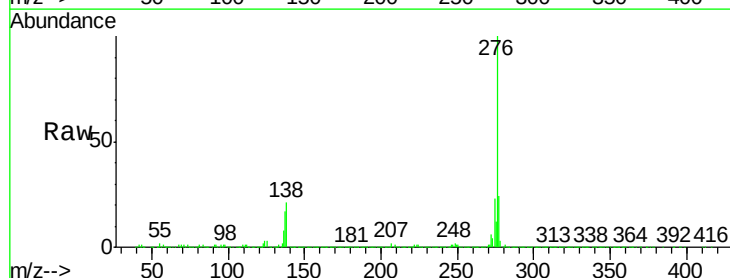


Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
800000 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.10 ng
RT: 17.36 min Scan# 2631
Delta R.T. 0.04 min
Lab File: BF120470.D
Acq: 1 Jun 2020 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	20.8	18.1	27.1



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 277.00 (276.70 to 277.70): E
600000 Ion 138.00 (137.70 to 138.70): E

