

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120832.D
 Acq On : 10 Jul 2020 15:31
 Operator : JU/CG
 Sample : PB130117BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Manual Integrations
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Quant Time: Jul 10 17:06:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160659	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607311	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	298530	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	523201	20.00	ng	0.00
76) Chrysene-d12	14.01	240	368375	20.00	ng	0.00
86) Perylene-d12	15.47	264	305630	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1448701	139.19	ng	0.01
7) Phenol-d6	6.48	99	1743665	131.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1125110	107.34	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	447792	149.31	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1837677	93.13	ng	0.00
79) Terphenyl-d14	12.96	244	1890308	100.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	194389	40.888	ng	99
3) Pyridine	3.40	79	539276	41.412	ng	99
4) n-Nitrosodimethylamine	3.35	42	286444	43.970	ng	98
6) Aniline	6.51	93	657183	38.500	ng	99
8) 2-Chlorophenol	6.63	128	515902	46.558	ng	97
9) Benzaldehyde	6.39	77	163722	20.712	ng	98
10) Phenol	6.49	94	604684m	44.226	ng	
11) bis(2-Chloroethyl)ether	6.59	93	500177	44.956	ng	98
12) 1,3-Dichlorobenzene	6.79	146	540934	44.351	ng	98
13) 1,4-Dichlorobenzene	6.87	146	546936	44.772	ng	99
14) 1,2-Dichlorobenzene	7.02	146	506433	43.574	ng	99
15) Benzyl Alcohol	6.99	79	418097	41.868	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	731013	42.124	ng	99
17) 2-Methylphenol	7.10	107	415380	41.904	ng	98
18) Hexachloroethane	7.36	117	209216	45.567	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	345222	43.138	ng	94
20) 3+4-Methylphenols	7.25	107	488535	40.014	ng	95
22) Acetophenone	7.26	105	662542	43.890	ng	99
24) Nitrobenzene	7.43	77	541635	46.021	ng	96
25) Isophorone	7.67	82	972583	43.024	ng	97
26) 2-Nitrophenol	7.75	139	249375	50.202	ng	93
27) 2,4-Dimethylphenol	7.78	122	430027	47.654	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	619765	46.324	ng	99
29) 2,4-Dichlorophenol	7.99	162	409855	45.496	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	459835	45.446	ng	98
31) Naphthalene	8.16	128	1431315	44.100	ng	100
32) Benzoic acid	7.90	122	278953	44.095	ng	100
33) 4-Chloroaniline	8.20	127	337057	24.473	ng	97
34) Hexachlorobutadiene	8.27	225	270990	44.531	ng	99
35) Caprolactam	8.57	113	117048m	44.590	ng	
36) 4-Chloro-3-methylphenol	8.68	107	421370	44.966	ng	94
37) 2-Methylnaphthalene	8.85	142	944084	44.746	ng	99
38) 1-Methylnaphthalene	8.95	142	900353	45.557	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	398710	44.191	ng	99

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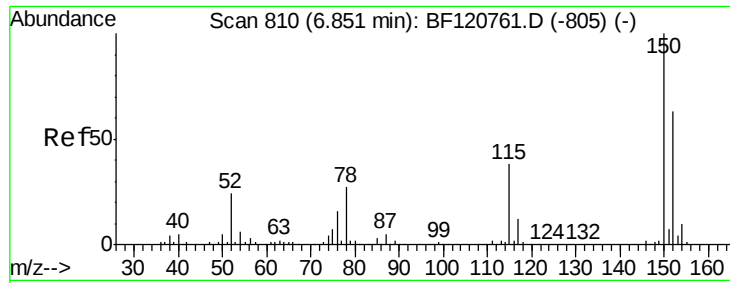
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Quant Time: Jul 10 17:06:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	505709	94.867	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	285254	46.399	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	302175	44.289	nq	97
46) 1,1'-Biphenyl	9.31	154	1094149	45.437	nq	99
47) 2-Chloronaphthalene	9.33	162	870187	45.107	nq	99
48) 2-Nitroaniline	9.43	65	272059	47.147	nq	96
49) Acenaphthylene	9.75	152	1350977	44.667	nq	100
50) Dimethylphthalate	9.61	163	979178	44.964	nq	100
51) 2,6-Dinitrotoluene	9.67	165	212655	49.081	nq	93
52) Acenaphthene	9.92	154	915782	48.807	nq	99
53) 3-Nitroaniline	9.83	138	151662	29.447	nq	99
54) 2,4-Dinitrophenol	9.94	184	182326	103.853	nq	93
55) Dibenzofuran	10.09	168	1215833	44.953	nq	100
56) 4-Nitrophenol	10.00	139	376622	93.929	nq	91
57) 2,4-Dinitrotoluene	10.07	165	280943	51.849	nq	# 83
58) Fluorene	10.44	166	879196	43.673	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	252311m	49.695	nq	
60) Diethylphthalate	10.31	149	1006121	44.351	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	430589	42.547	nq	98
62) 4-Nitroaniline	10.46	138	228342	49.350	nq	91
63) Azobenzene	10.59	77	1014964	43.737	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	122039	54.378	nq	# 74
66) n-Nitrosodiphenylamine	10.55	169	830014	47.331	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	279521	46.056	nq	97
68) Hexachlorobenzene	10.98	284	307597	48.298	nq	95
69) Atrazine	11.07	200	232556	51.476	nq	98
70) Pentachlorophenol	11.17	266	352794	97.910	nq	99
71) Phenanthrene	11.40	178	1292835	45.541	nq	100
72) Anthracene	11.45	178	1327395	46.272	nq	100
73) Carbazole	11.60	167	1222298	44.339	nq	100
74) Di-n-butylphthalate	11.94	149	1507563	44.172	nq	100
75) Fluoranthene	12.58	202	1362431	45.052	nq	99
77) Benzidine	12.70	184	614063	59.058	nq	99
78) Pyrene	12.81	202	1375819	46.764	nq	100
80) Butylbenzylphthalate	13.43	149	574845	45.257	nq	99
81) Benzo(a)anthracene	14.00	228	1046807	44.331	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	258826	32.480	nq	98
83) Chrysene	14.04	228	1097276	45.556	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	729693	43.808	nq	# 98
85) Di-n-octyl phthalate	14.61	149	1264309	42.906	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	972841	49.626	nq	100
88) Benzo(b)fluoranthene	15.04	252	934196	46.494	nq	99
89) Benzo(k)fluoranthene	15.07	252	998653	51.078	nq	99
90) Benzo(a)pyrene	15.41	252	856314	47.775	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	831818	50.910	nq	99
92) Benzo(g,h,i)perylene	17.36	276	754396	50.520	nq	99

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



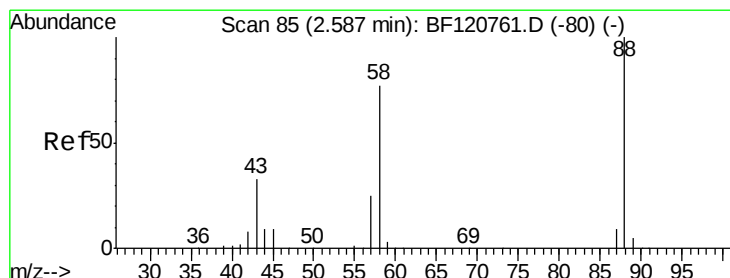
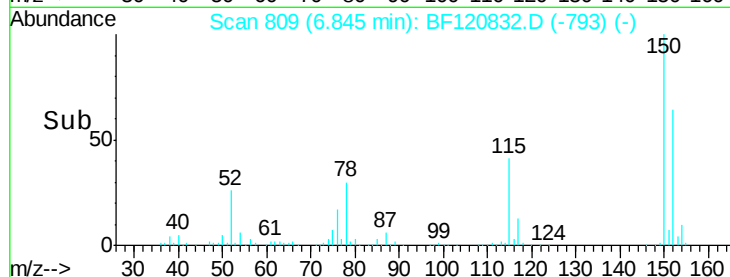
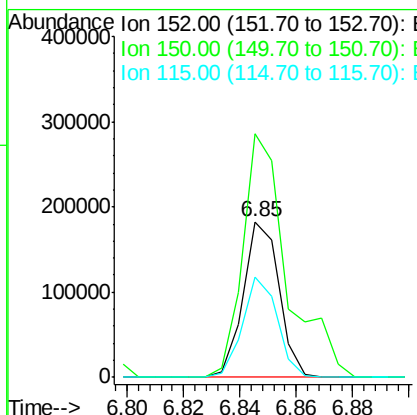
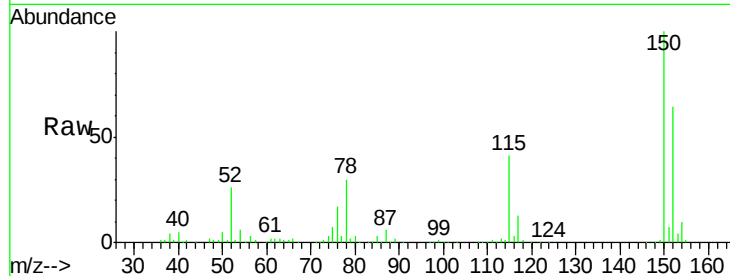
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	160659		
150	156.5	126.1	189.1	
115	64.5	48.5	72.7	

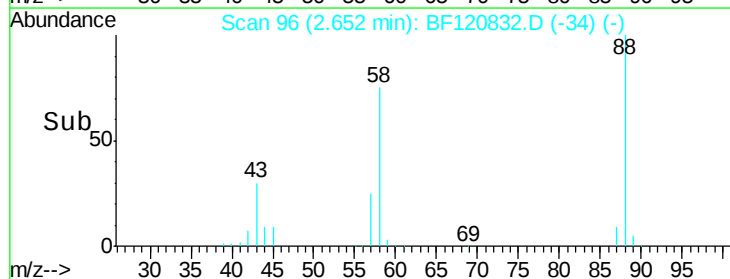
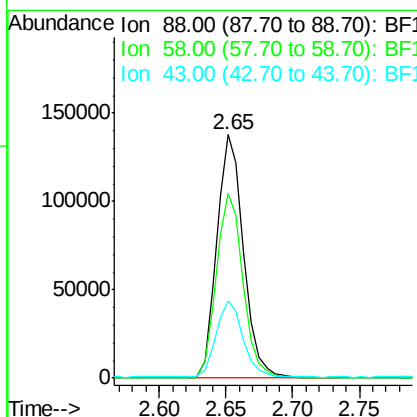
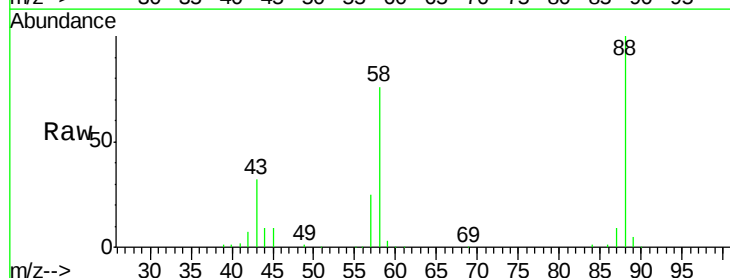
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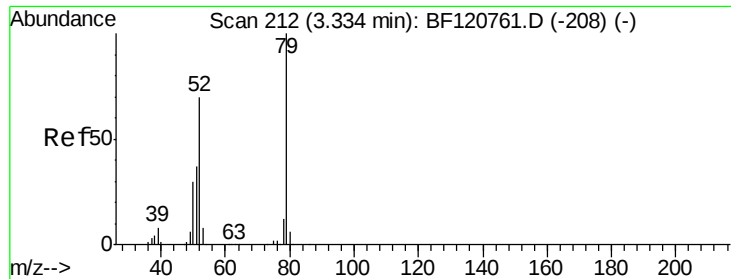
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#2
 1,4-Dioxane
 Concen: 40.888 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.06 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	194389		
58	75.8	60.4	90.6	
43	31.9	26.3	39.5	





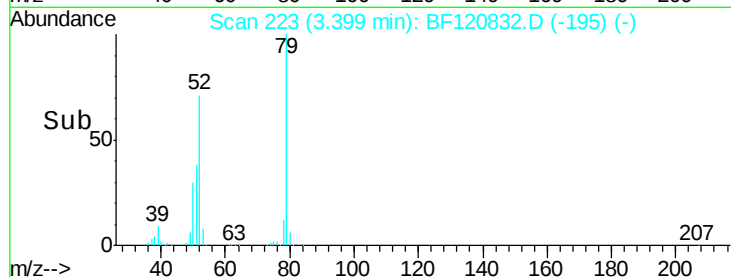
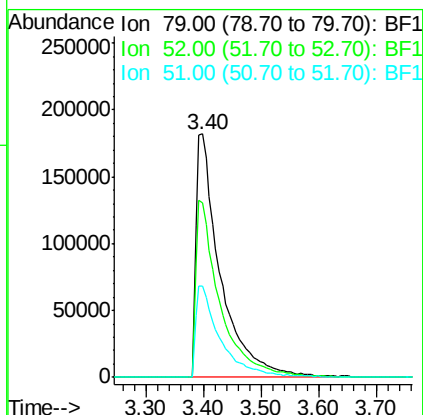
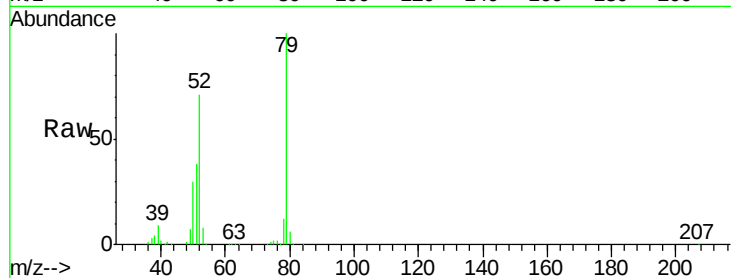
#3
 Pvridine
 Concen: 41.412 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.06 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.4	56.3	84.5
51	37.7	30.1	45.1

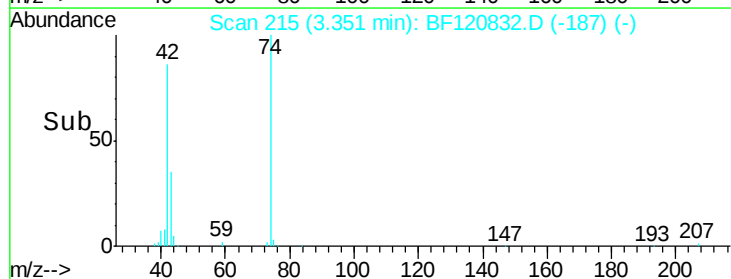
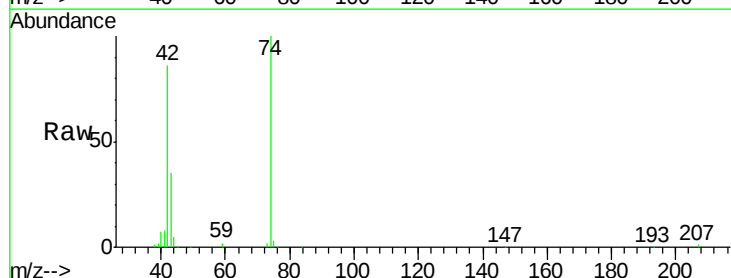
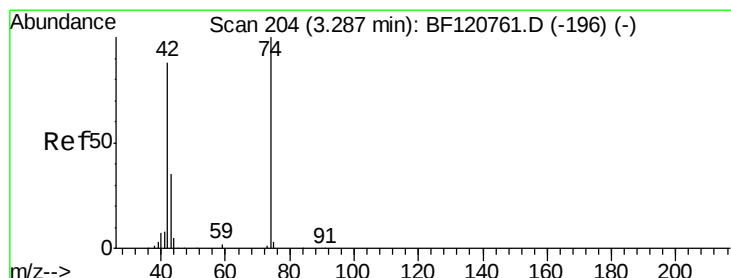
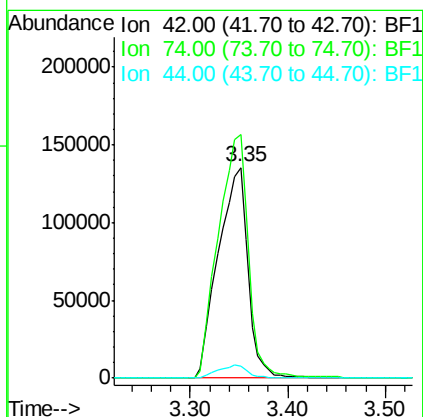
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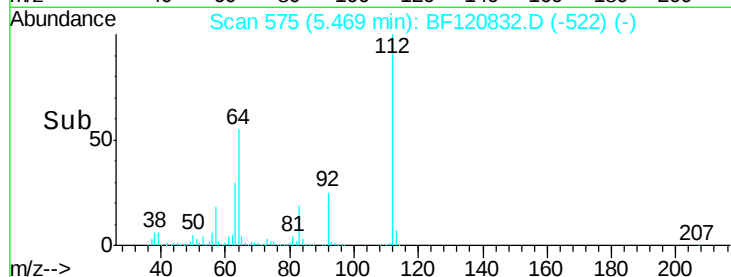
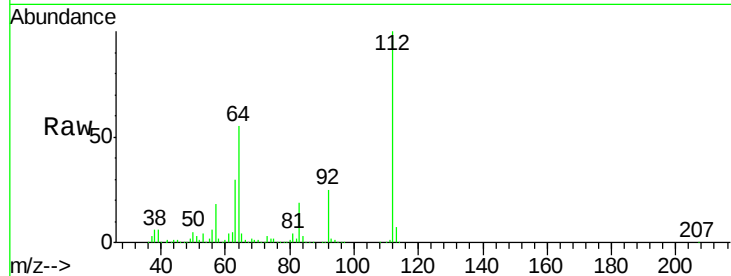
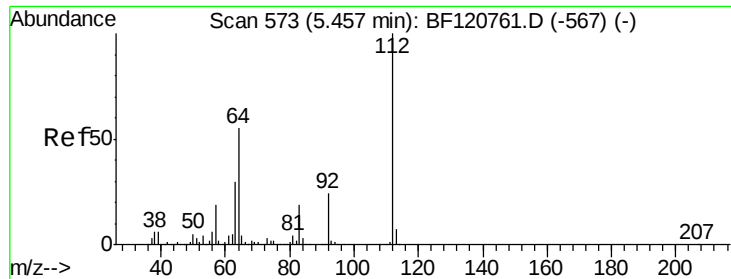
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#4
 n-Nitrosodimethylamine
 Concen: 43.970 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.06 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.7	90.8	136.2
44	5.9	5.8	8.8





#5

2-Fluorophenol

Concen: 139.195 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1448701		
64	55.1	43.8	65.6		
63	29.7	23.6	35.4		

Instrument :

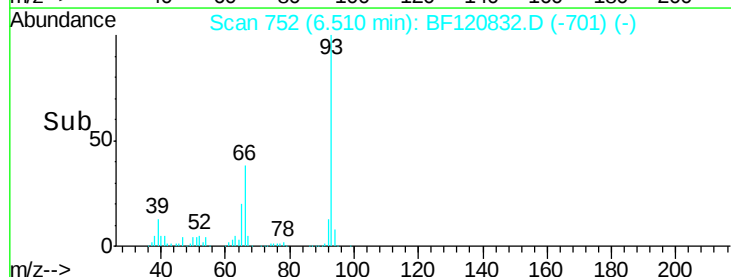
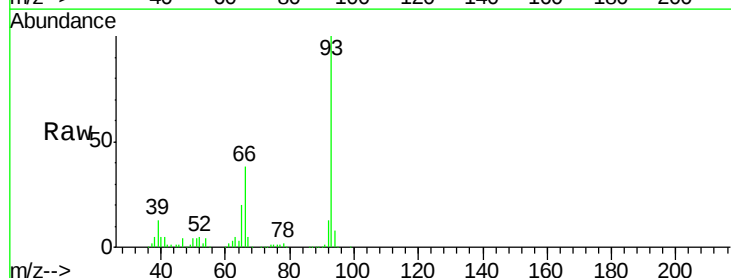
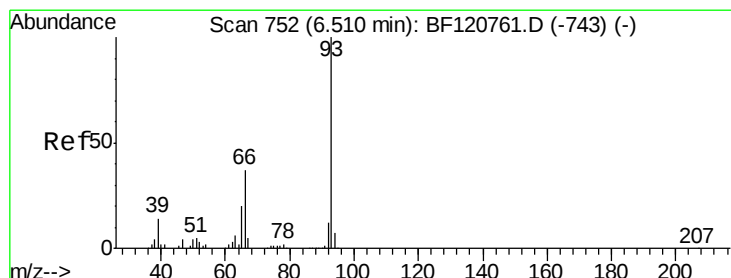
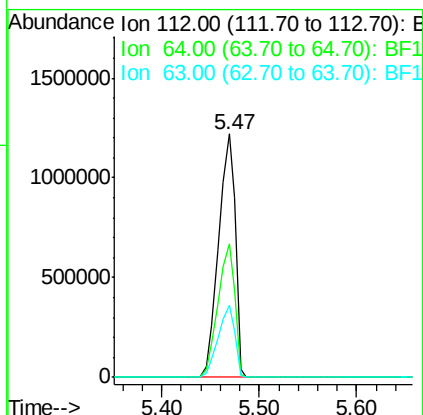
BNA_F

ClientSampleId :

PB130117BSD

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#6

Aniline

Concen: 38.500 ng

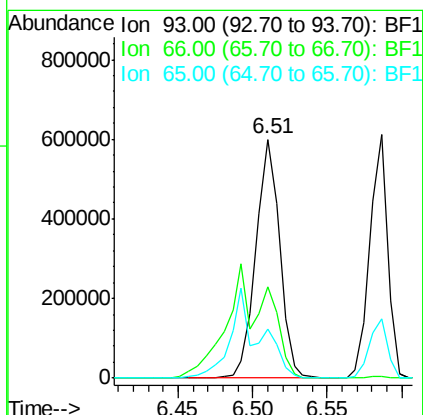
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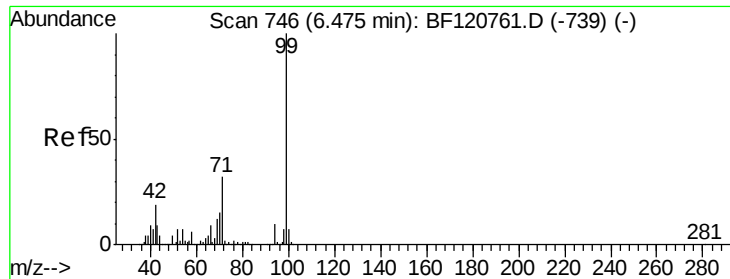
Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		657183		
66	38.0	31.3	46.9		
65	20.3	16.5	24.7		





#7

Phenol-d6

Concen: 131.190 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

Tot Ion: 99 Resp: 1743665

Ion Ratio Lower Upper

99 100

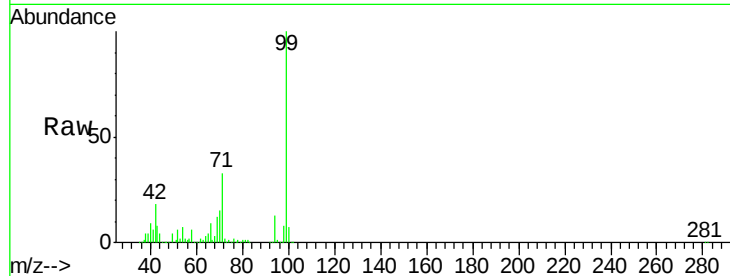
42 18.0 15.4 23.0

71 32.6 25.9 38.9

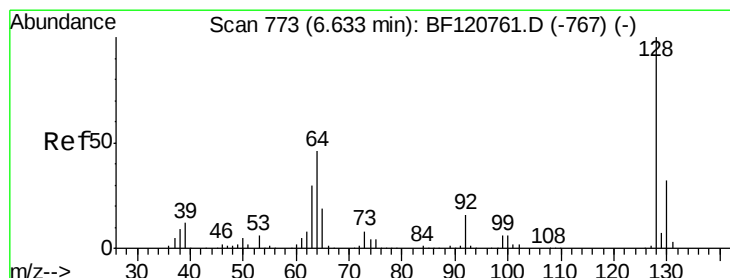
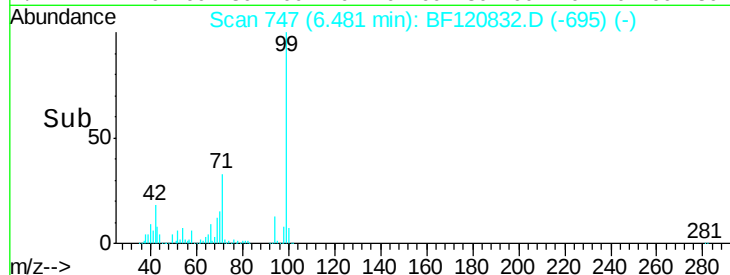
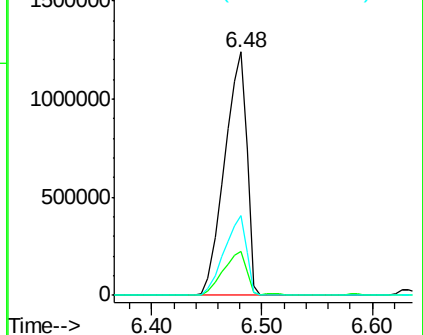
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.558 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

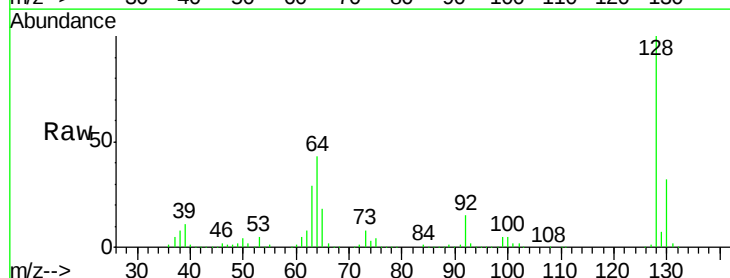
Tgt Ion: 128 Resp: 515902

Ion Ratio Lower Upper

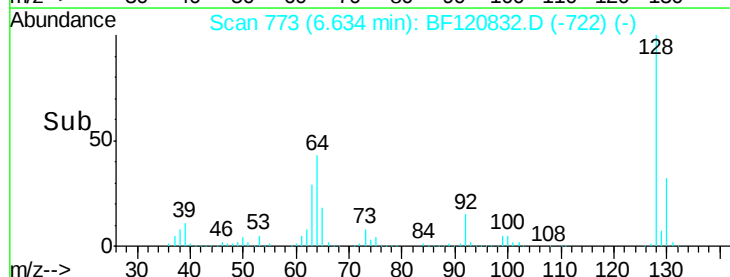
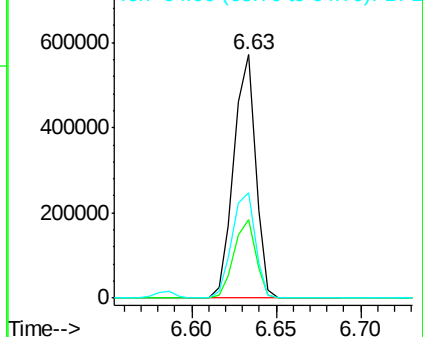
128 100

130 32.4 12.1 52.1

64 43.4 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.712 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

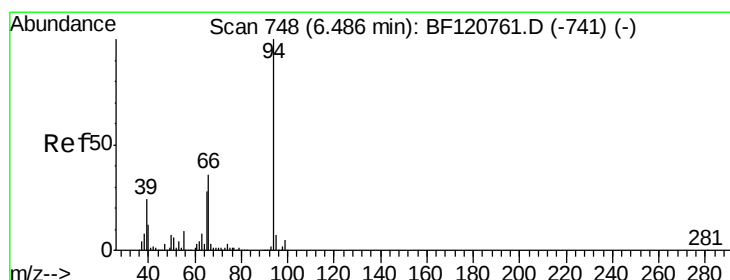
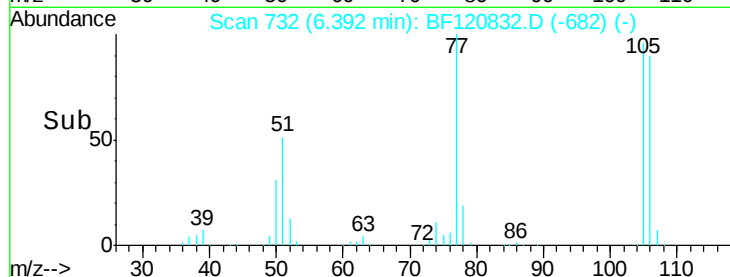
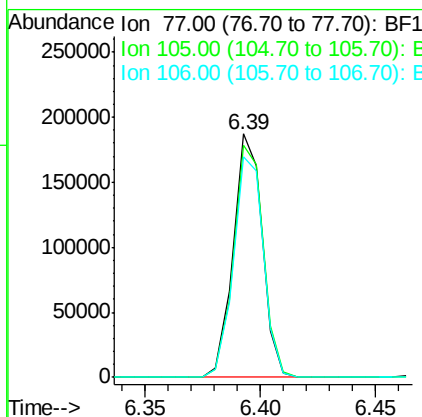
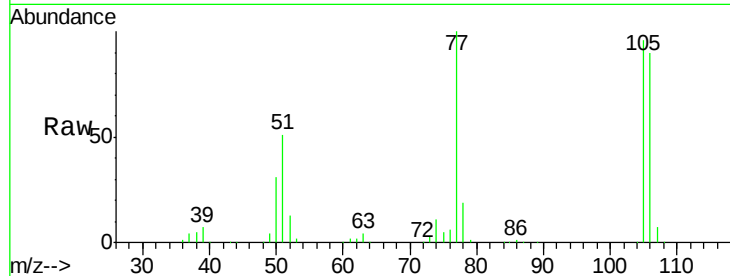
ClientSampleID :

PB130117BSD

Tot Ion:	77	Resp:	163722
Ion	Ratio	Lower	Upper
77	100		
105	95.5	76.8	116.8
106	90.4	73.8	113.8

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#10

Phenol

Concen: 44.226 ng m

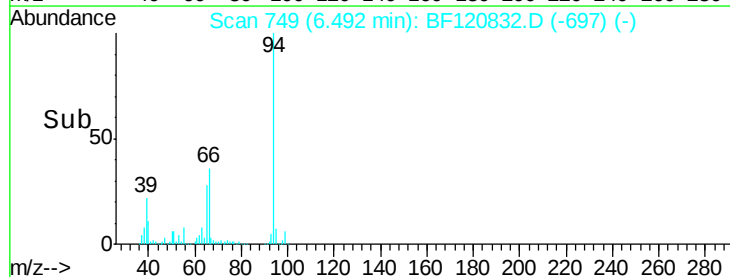
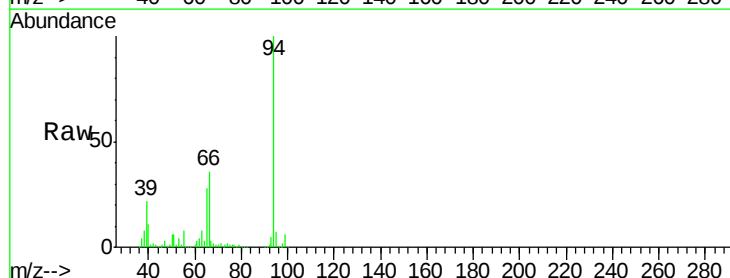
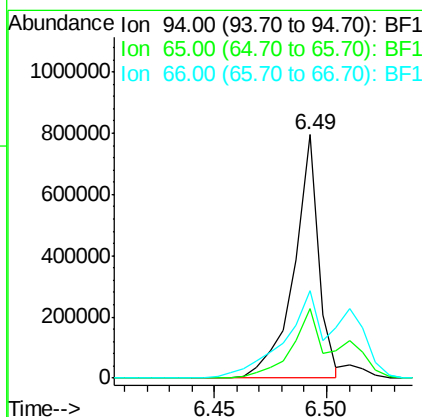
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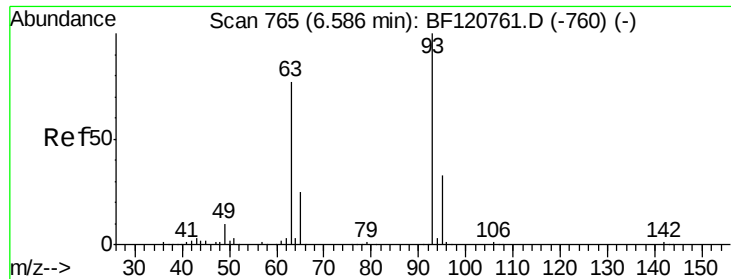
Delta R.T. 0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:	94	Resp:	604684
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.4	48.4
66	36.1	16.5	56.5





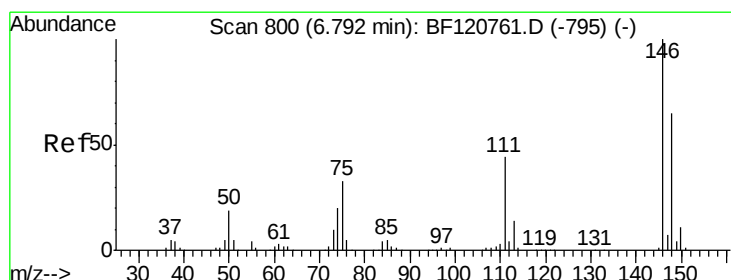
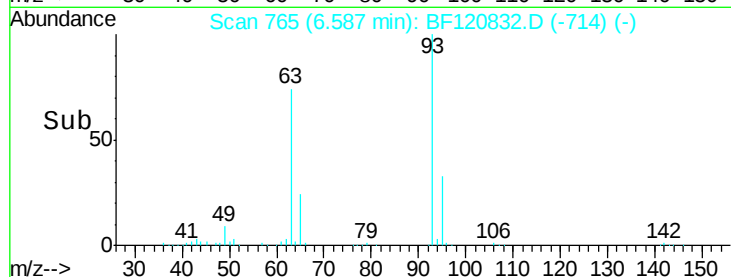
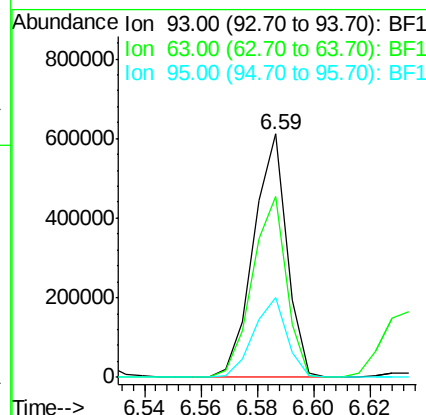
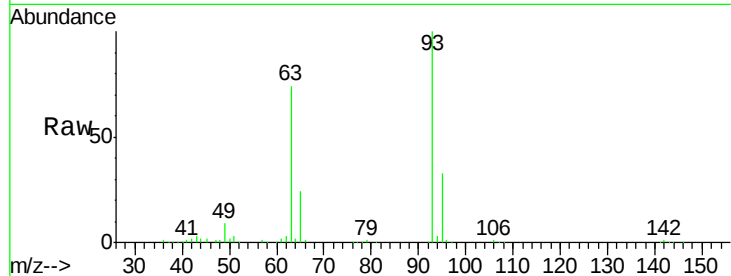
#11
bis(2-Chloroethyl)ether
Concen: 44.956 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.5	56.9	96.9
95	32.9	13.3	53.3

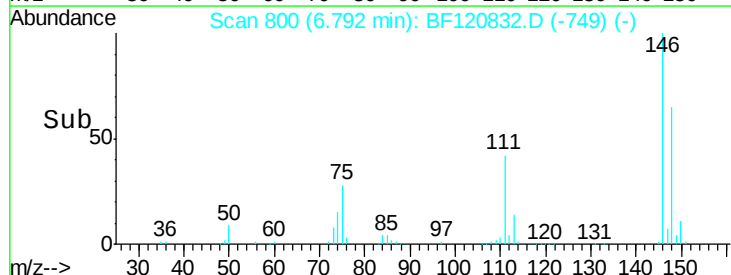
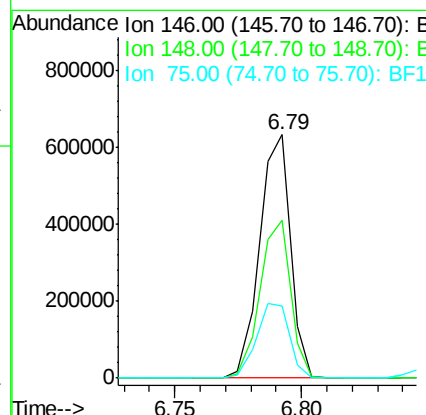
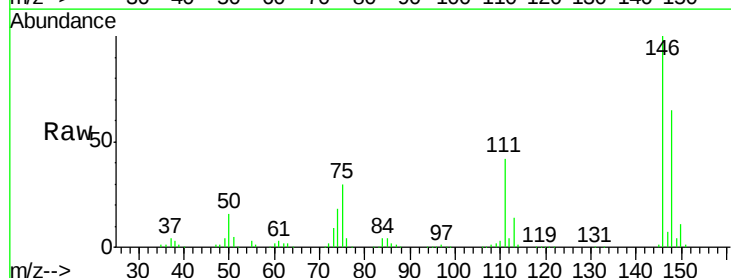
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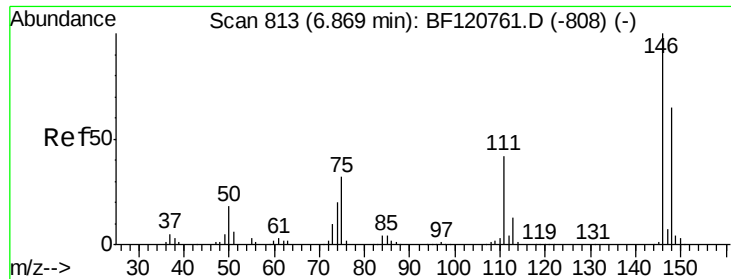
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.351 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	29.8	26.0	39.0





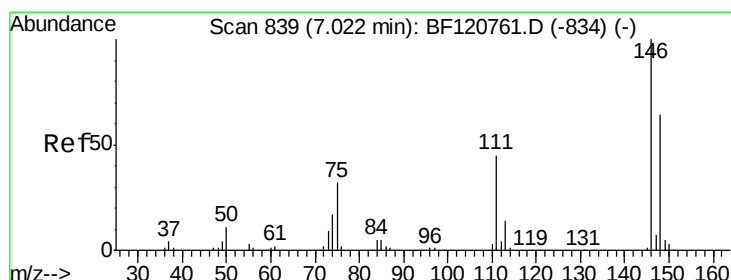
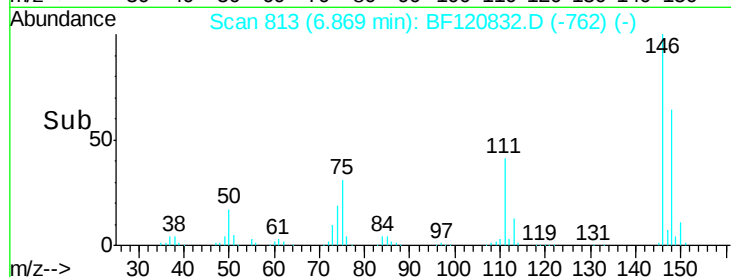
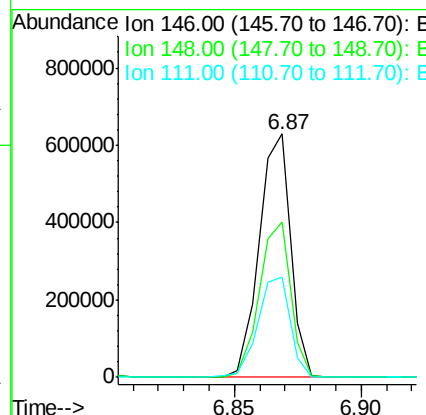
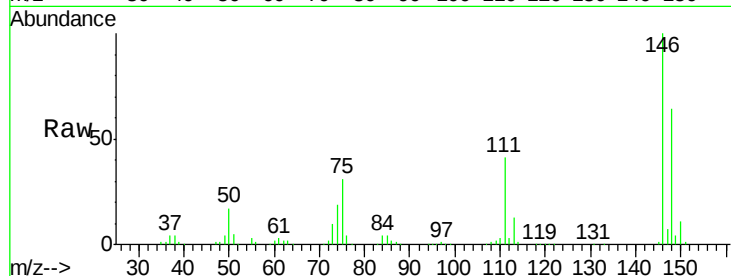
#13
 1,4-Dichlorobenzene
 Concen: 44.772 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.0	33.7	50.5

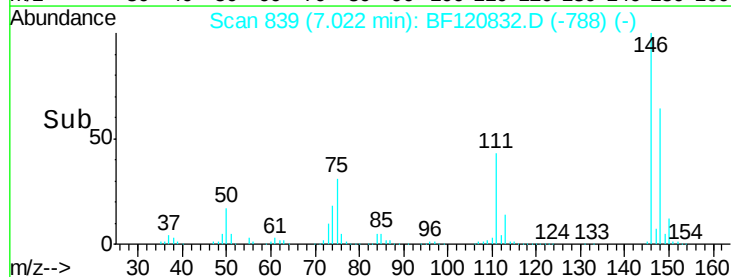
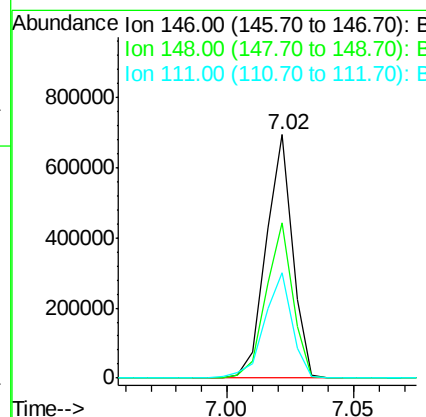
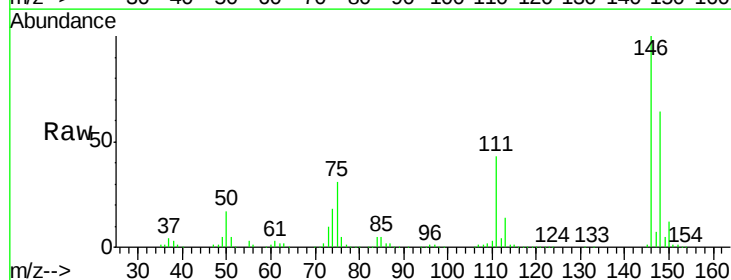
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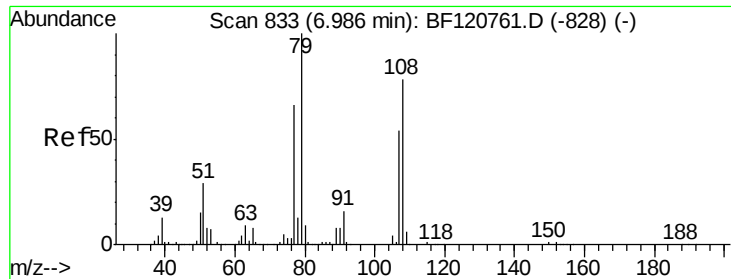
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.574 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	43.5	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.868 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

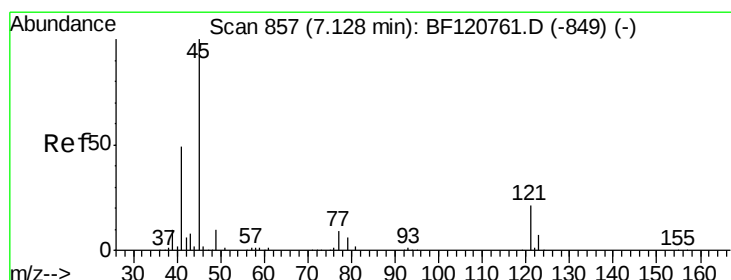
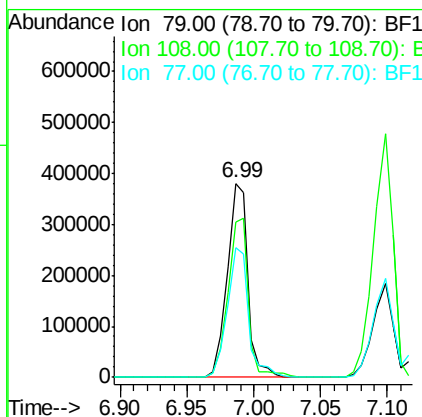
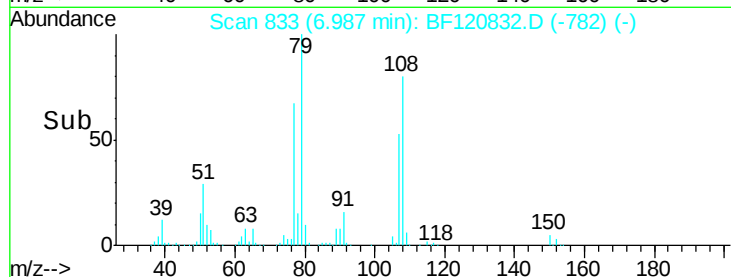
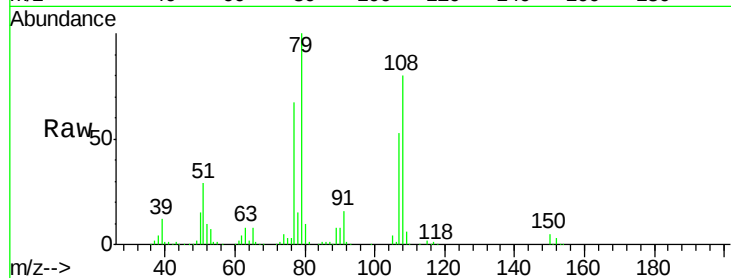
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.4	93.6
77	67.1	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.124 ng

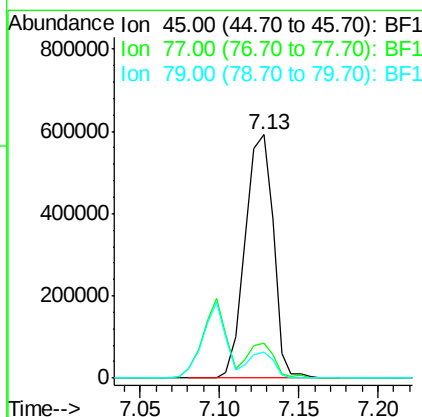
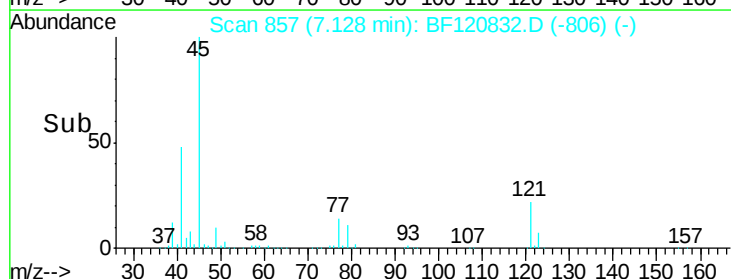
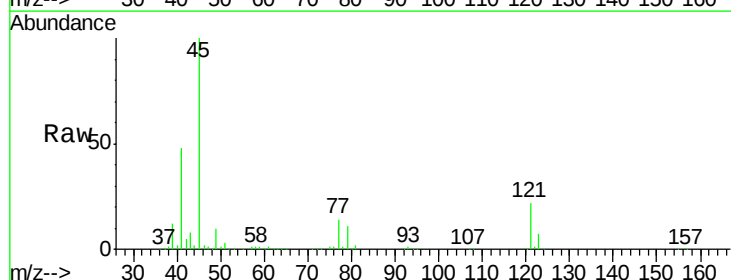
RT: 7.13 min Scan# 857

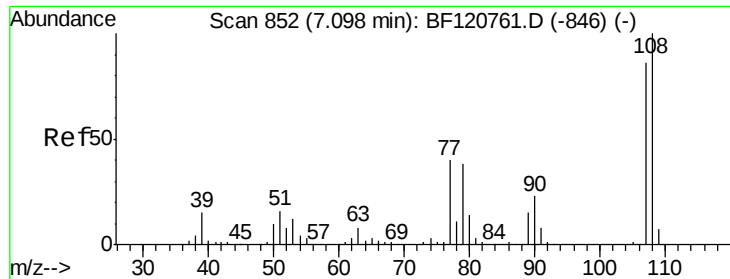
Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.7
79	10.9	0.0	30.5





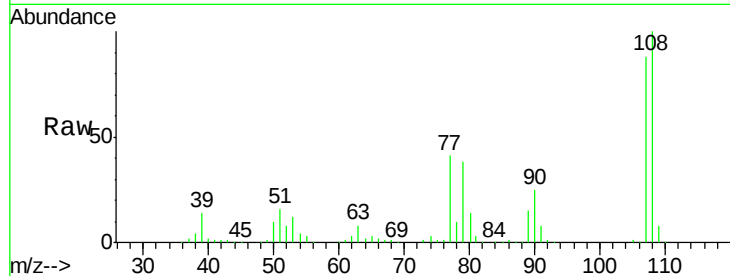
#17
2-Methylphenol
Concen: 41.904 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

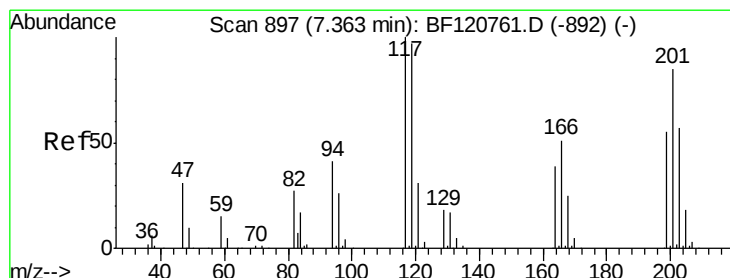
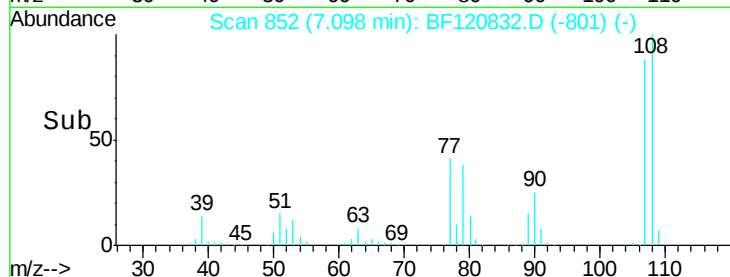
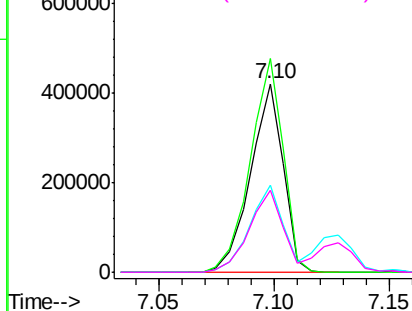
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	93.1	139.7	
77	46.0	37.3	55.9	
79	43.6	35.3	52.9	

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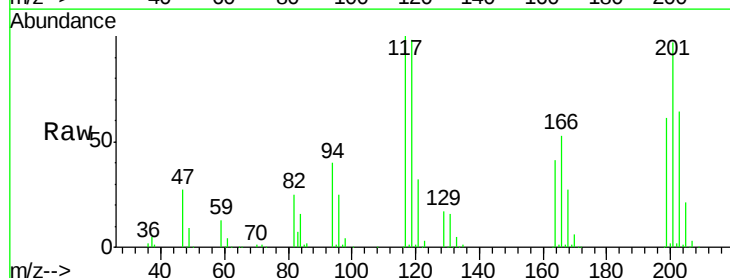


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

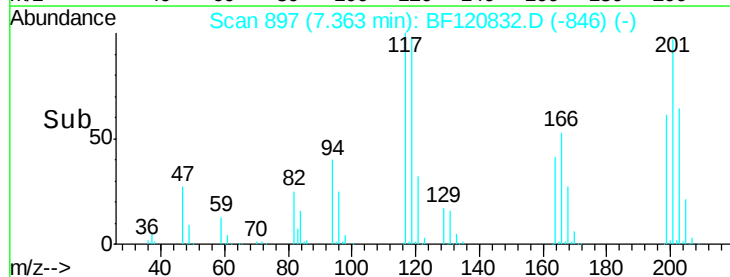
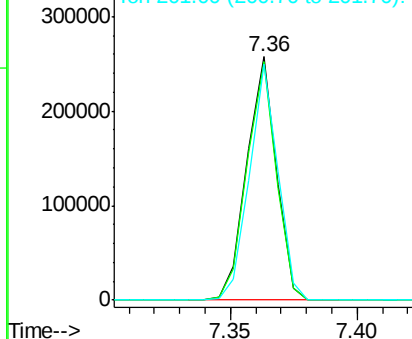


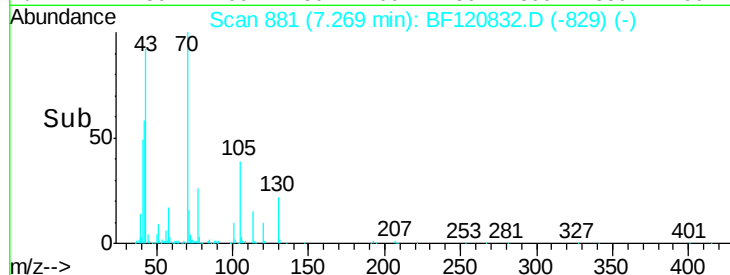
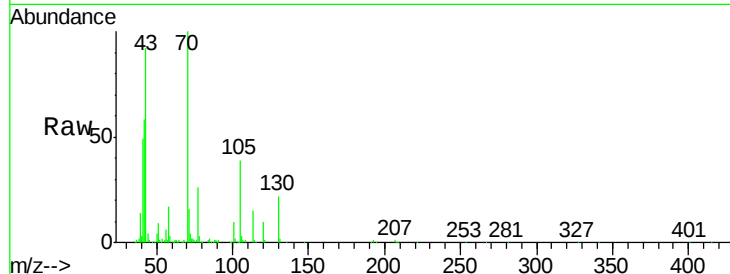
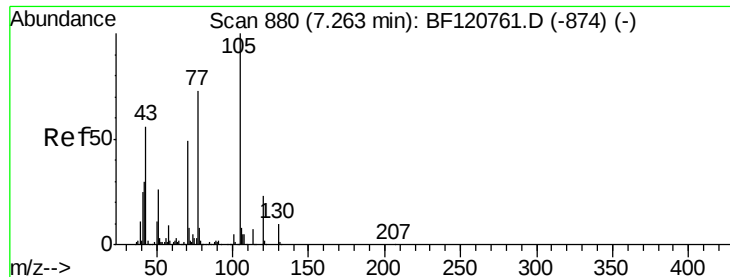
#18
Hexachloroethane
Concen: 45.567 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.9	116.9	
201	96.8	68.3	102.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





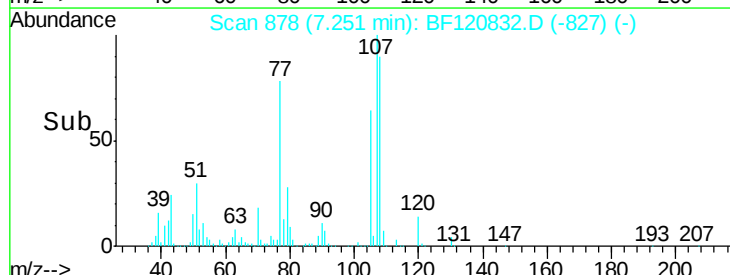
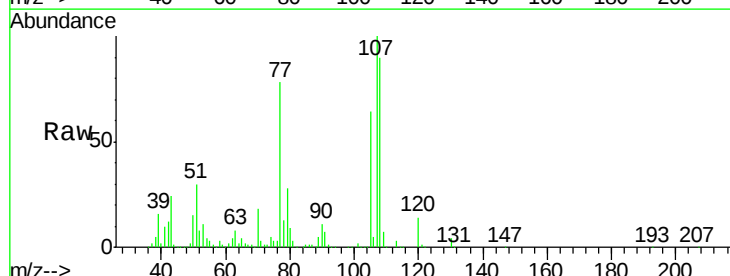
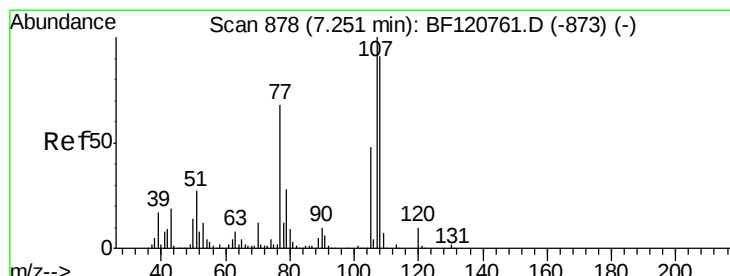
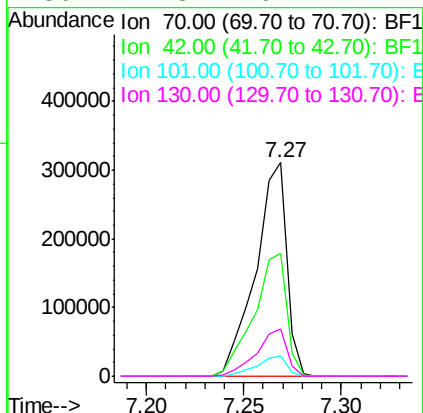
#19
n-Nitroso-di-n-propylamine
Concen: 43.138 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	70	Resp	345222
Ion Ratio	Lower	Upper	
70	100		
42	57.5	50.3	75.5
101	9.7	7.5	11.3
130	22.3	16.1	24.1

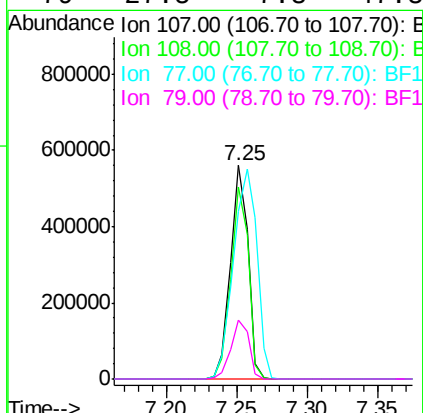
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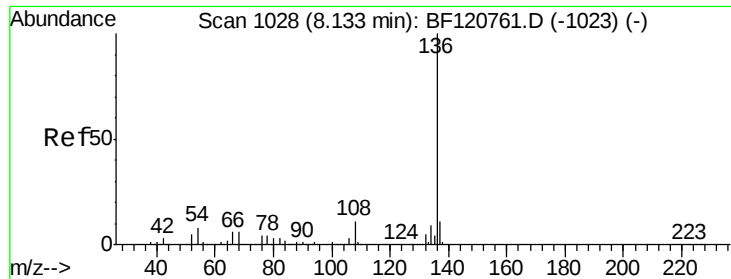
mohammad
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#20
3+4-Methylphenols
Concen: 40.014 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	107	Resp	488535
Ion Ratio	Lower	Upper	
107	100		
108	89.9	70.9	110.9
77	78.4	48.3	88.3
79	27.5	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

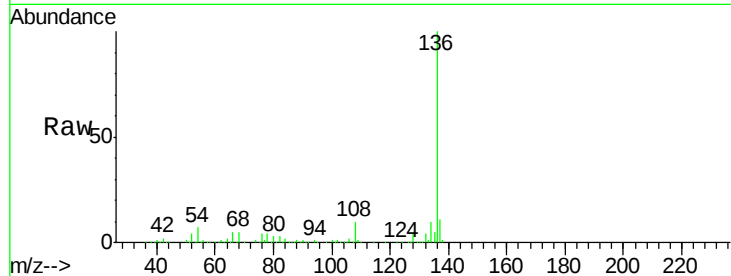
ClientSampleId :

PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607311		
137	10.9	9.0	13.6	
54	7.2	6.2	9.4	
68	5.3	4.7	7.1	

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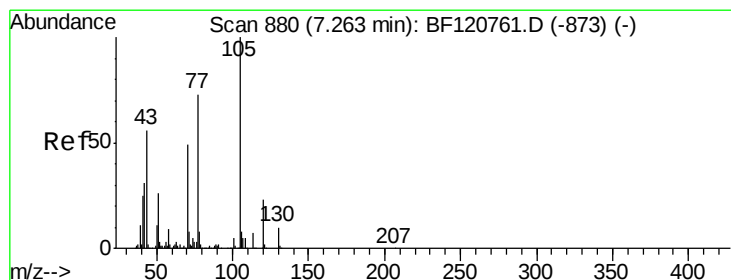
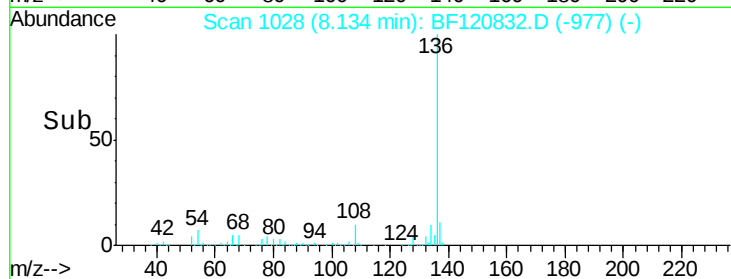
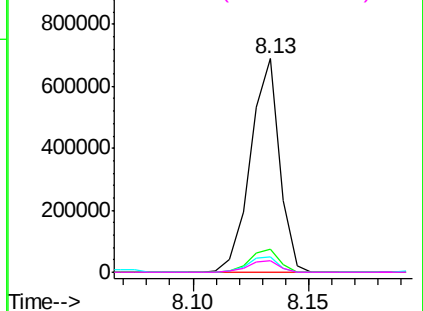
Abundance

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: 43.890 ng

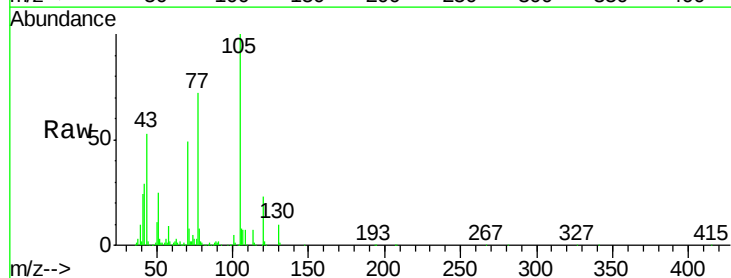
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	662542		
71	8.2	6.5	9.7	
51	25.1	21.0	31.4	
120	23.0	18.6	28.0	



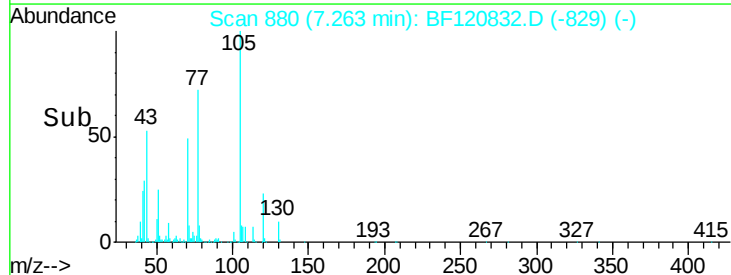
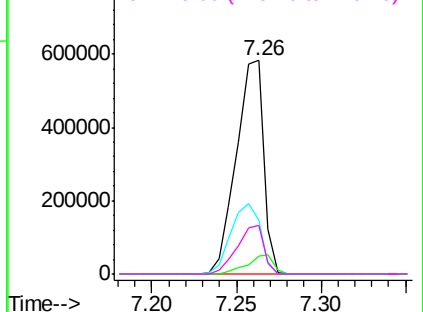
Abundance

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





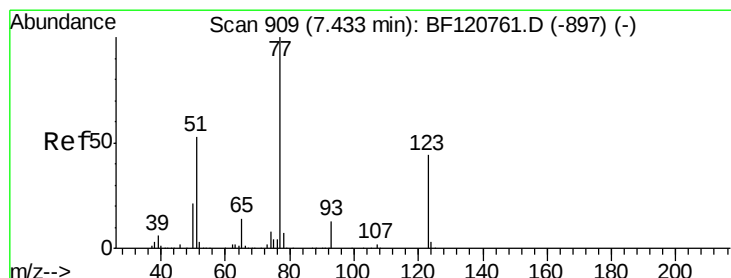
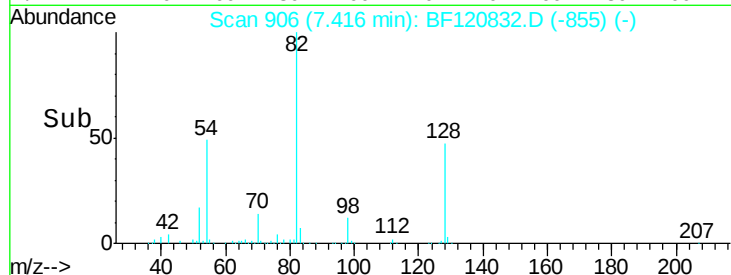
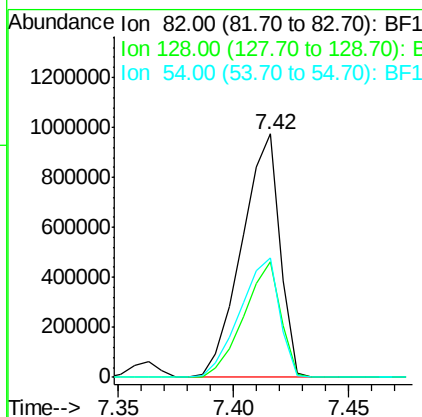
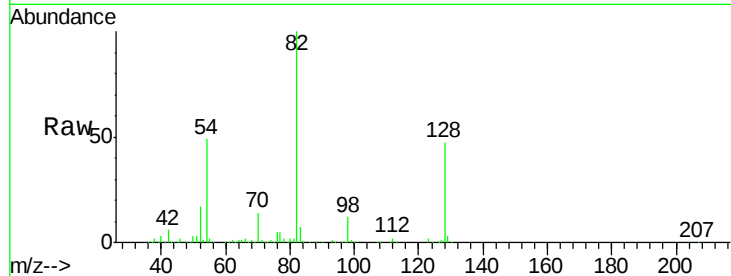
#23
 Nitrobenzene-d5
 Concen: 107.336 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion: 82 Resp: 1125110
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.7 53.5
 54 49.2 40.9 61.3

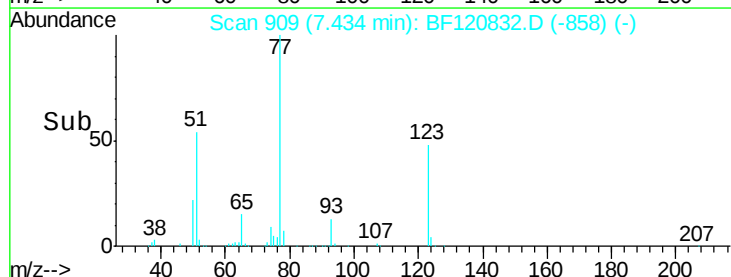
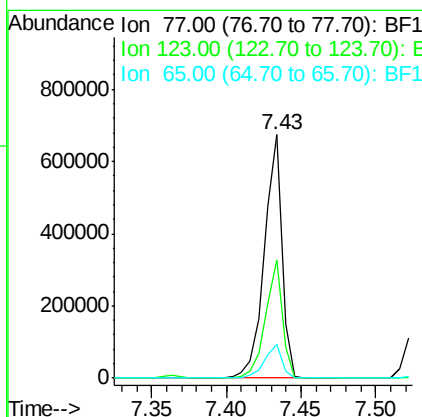
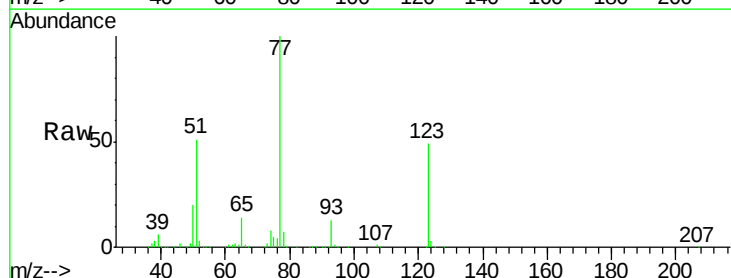
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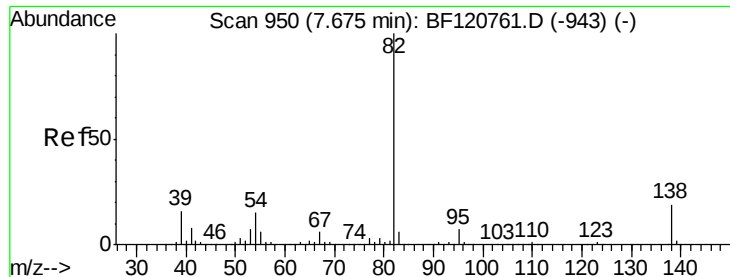
mohammad
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#24
 Nitrobenzene
 Concen: 46.021 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion: 77 Resp: 541635
 Ion Ratio Lower Upper
 77 100
 123 48.6 36.1 54.1
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 43.024 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

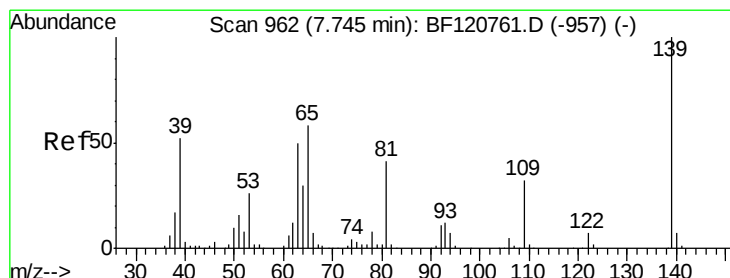
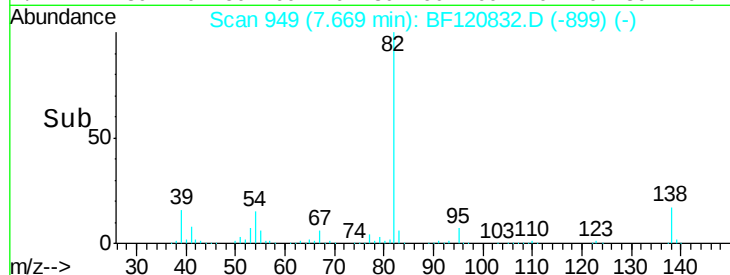
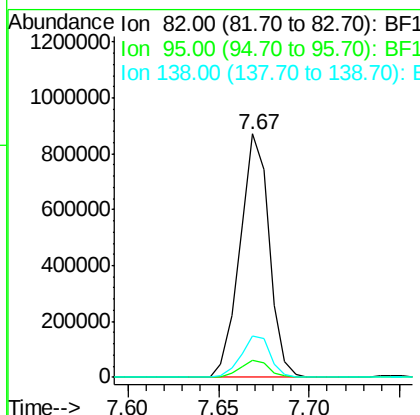
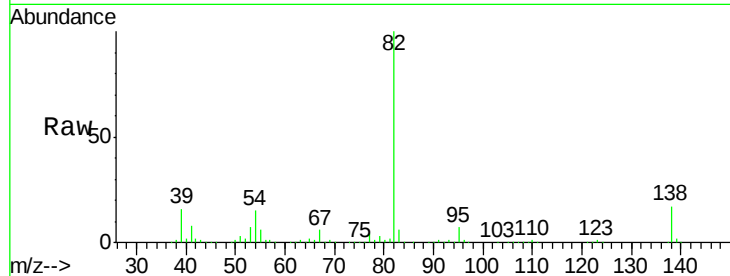
ClientSampleId :

PB130117BSD

Tot Ion:	82	Resp:	972583
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.2	15.0	22.4

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#26

2-Nitrophenol

Concen: 50.202 ng

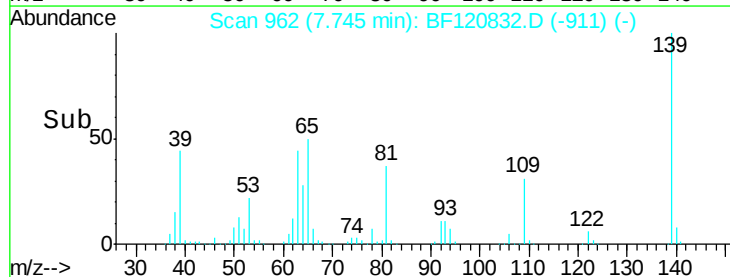
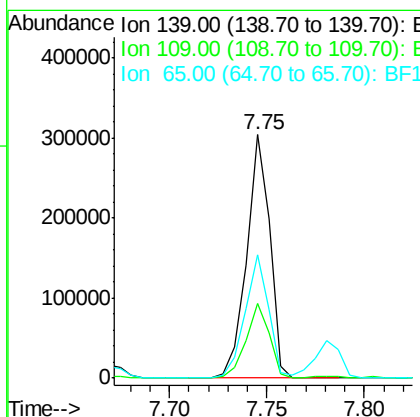
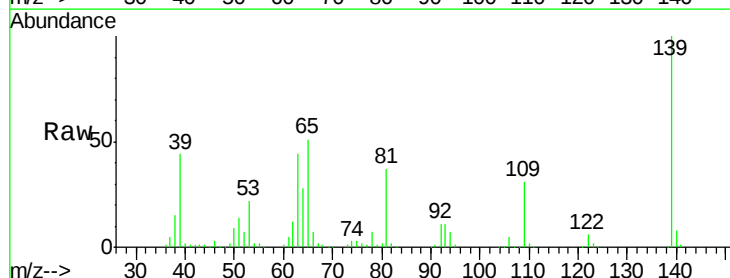
RT: 7.75 min Scan# 962

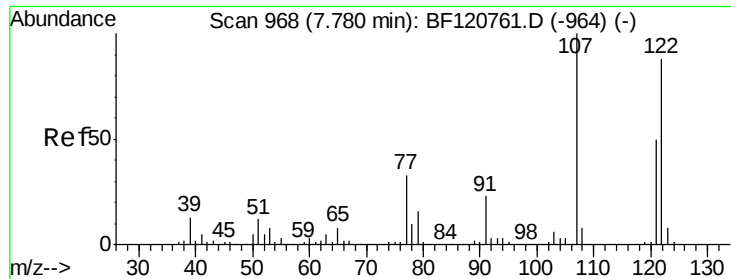
Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:	139	Resp:	249375
Ion Ratio		Lower	Upper
139	100		
109	30.9	25.3	37.9
65	50.5	46.2	69.2





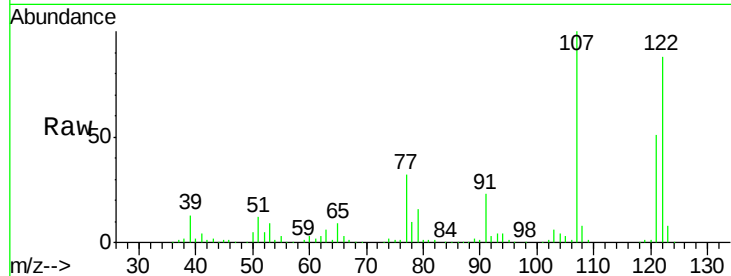
#27
2,4-Dimethylphenol
Concen: 47.654 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

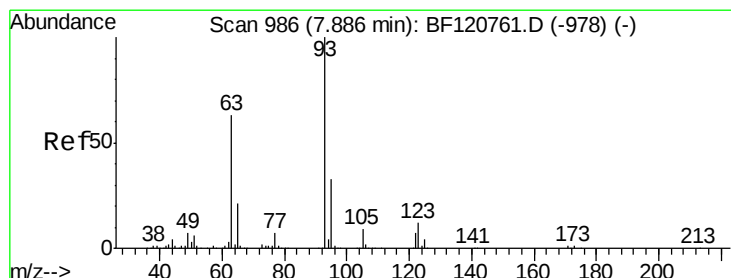
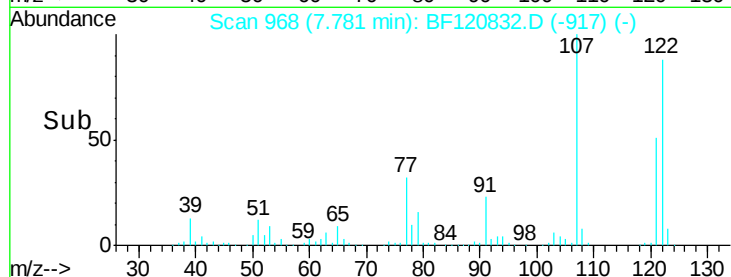
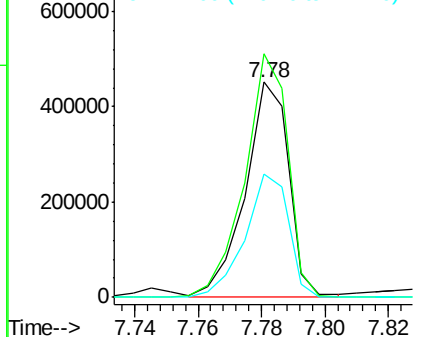
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	90.7	136.1
121	57.4	45.4	68.0

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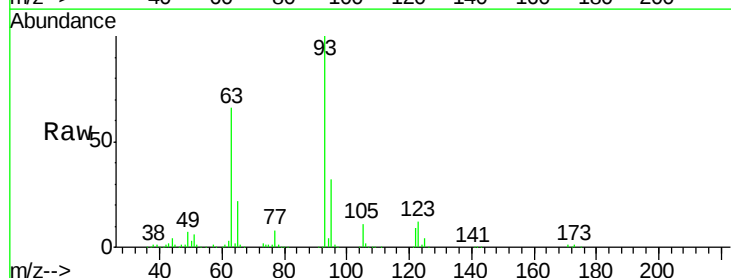


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

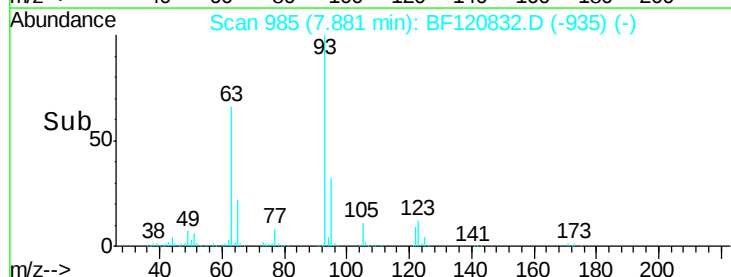
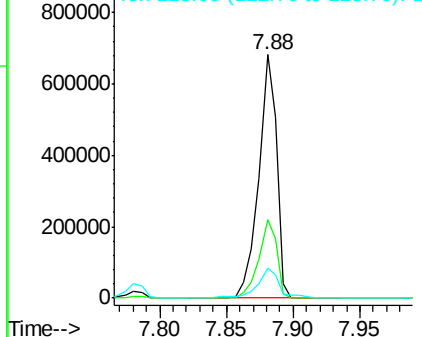


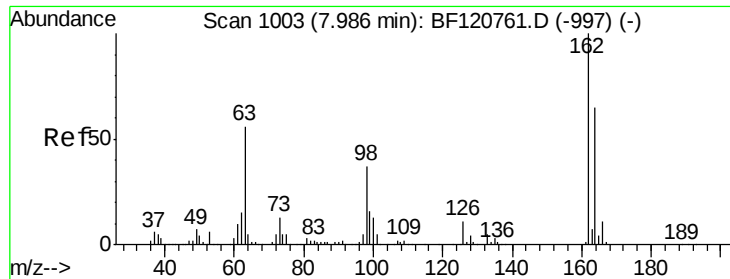
#28
bis(2-Chloroethoxy)methane
Concen: 46.324 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.1	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





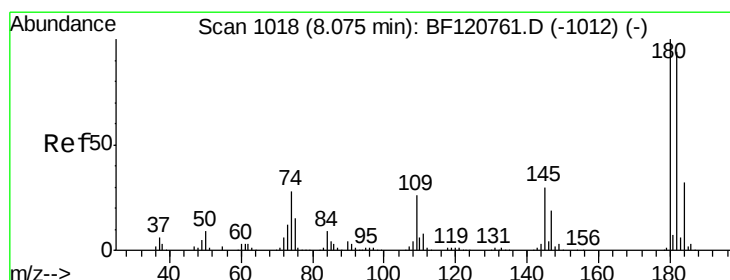
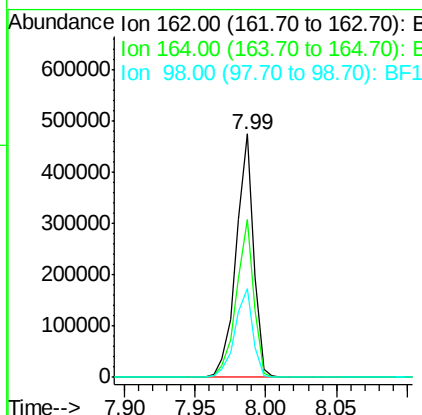
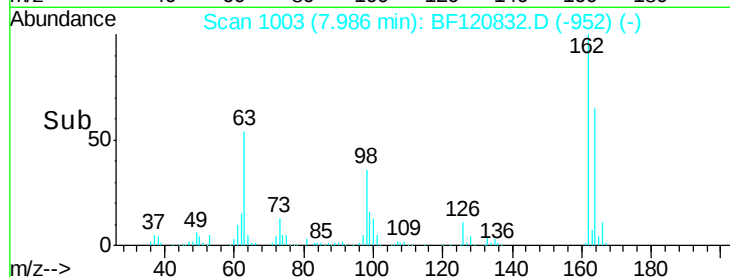
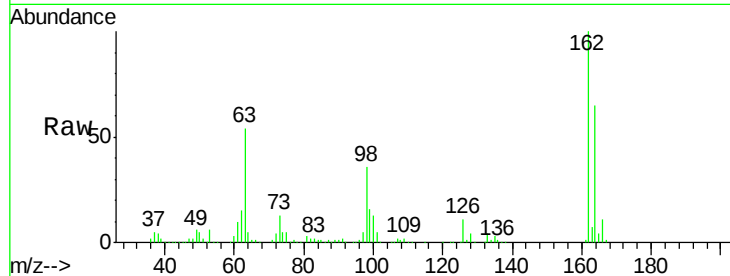
#29
2,4-Dichlorophenol
Concen: 45.496 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	45.2	85.2	
98	36.2	17.0	57.0	

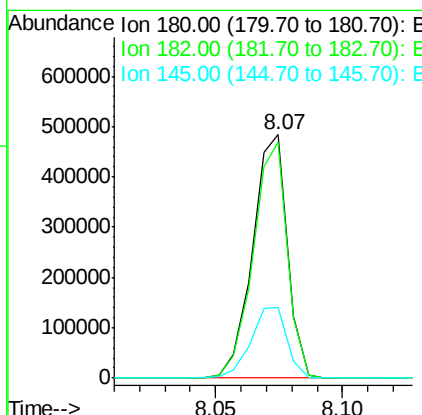
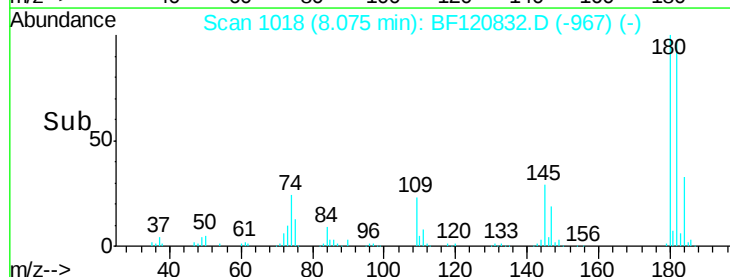
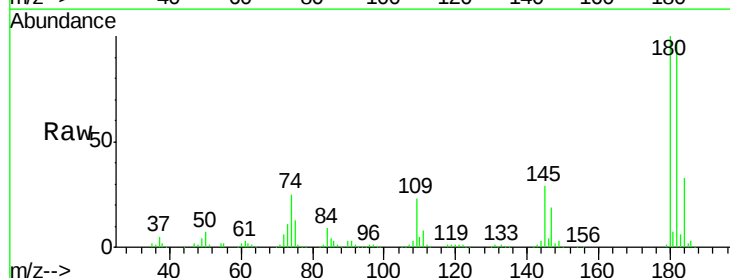
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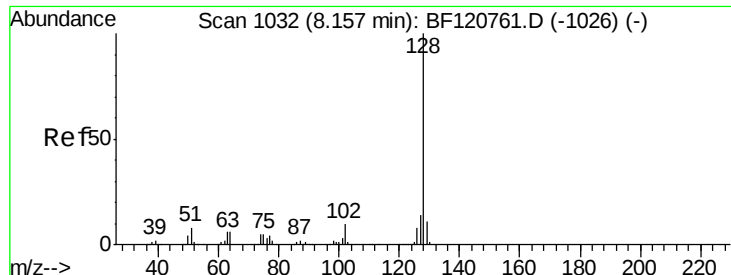
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#30
1,2,4-Trichlorobenzene
Concen: 45.446 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.7	75.5	113.3	
145	29.1	24.1	36.1	





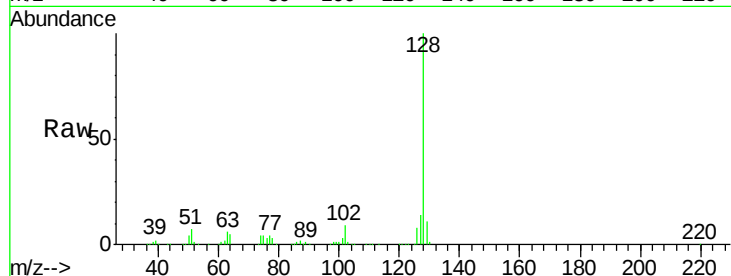
#31
Naphthalene
Concen: 44.100 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.9	11.1	16.7

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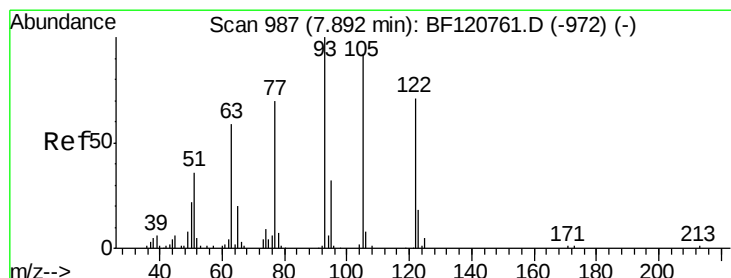
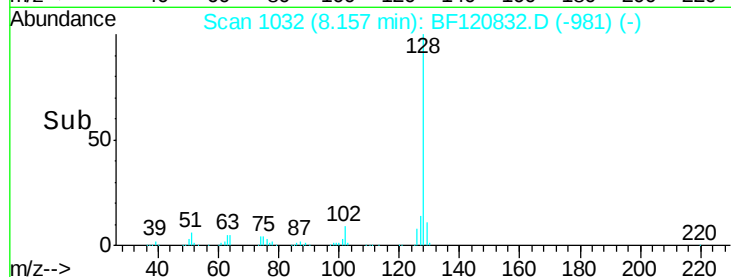
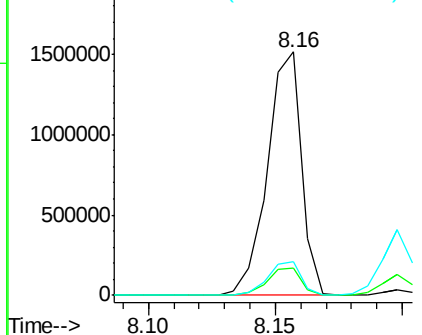


Abundance

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: 44.095 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

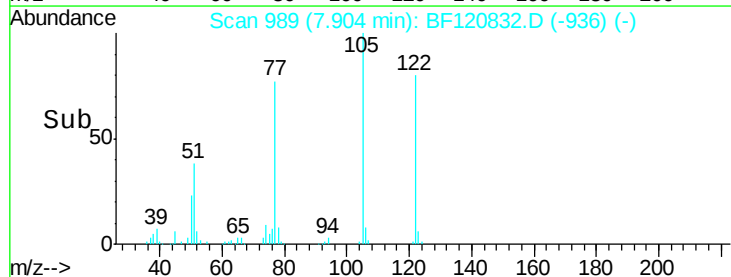
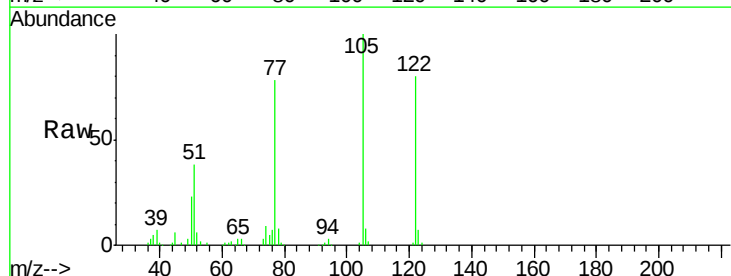
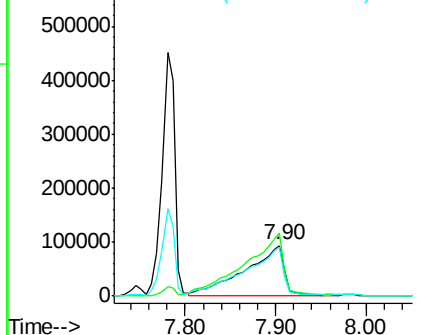
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	105.8	145.8
77	97.8	77.3	117.3

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





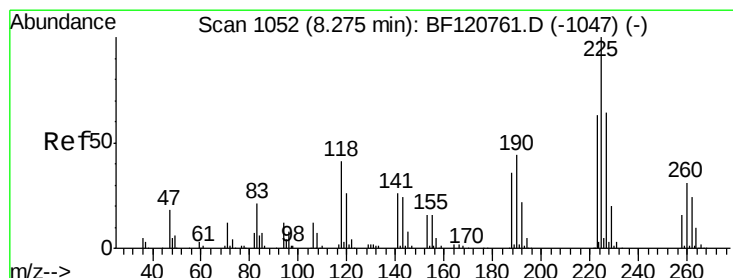
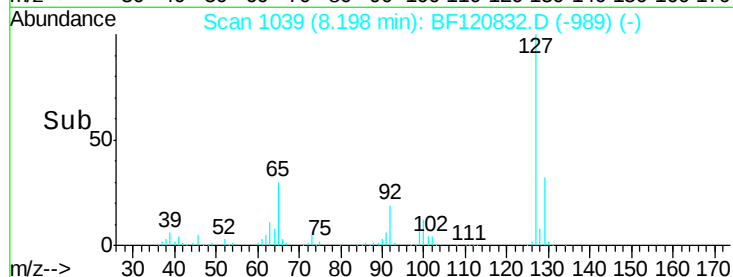
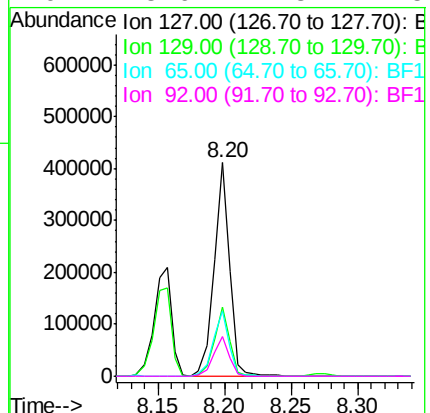
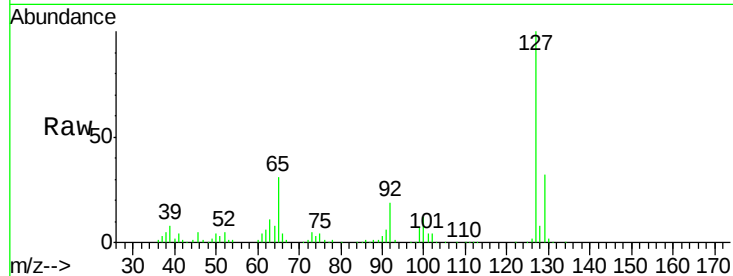
#33
 4-Chloroaniline
 Concen: 24.473 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		337057		
129	32.1	26.6	39.8		
65	30.7	22.7	34.1		
92	18.6	14.3	21.5		

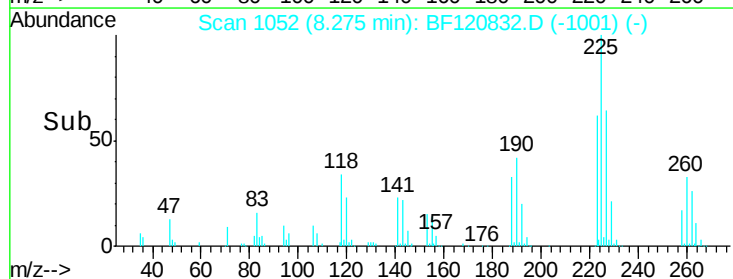
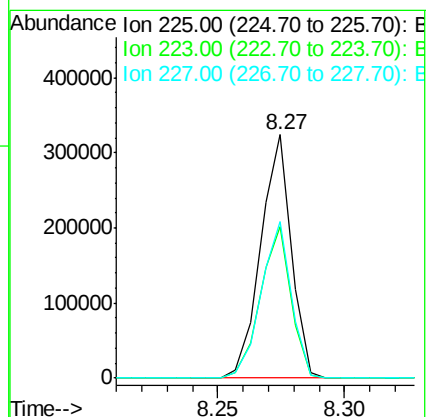
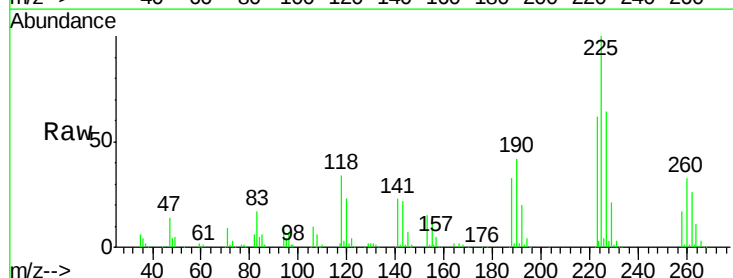
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#34
 Hexachlorobutadiene
 Concen: 44.531 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		270990		
223	62.2	50.6	76.0		
227	64.1	51.4	77.2		





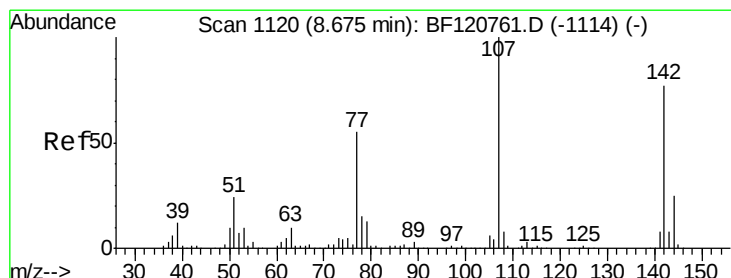
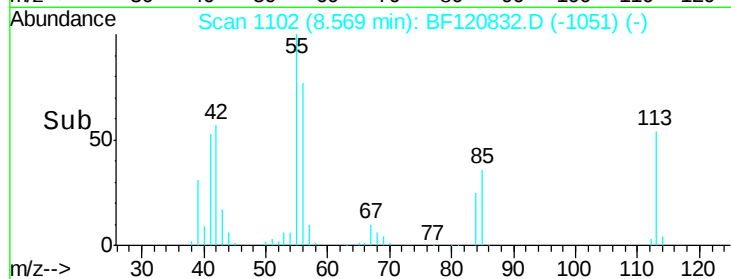
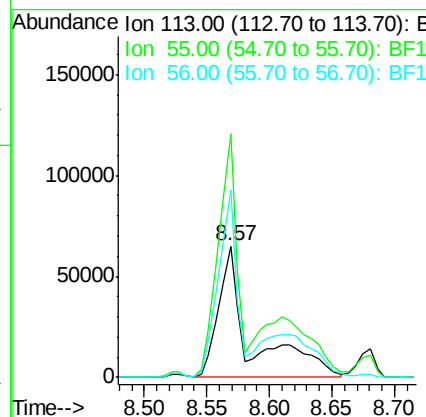
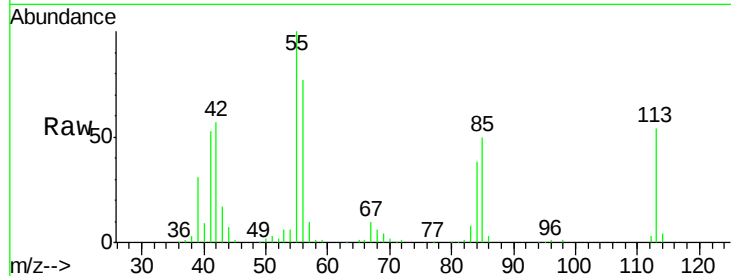
#35
 Caprolactam
 Concen: 44.590 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.6	168.3	208.3
56	142.5	118.8	158.8

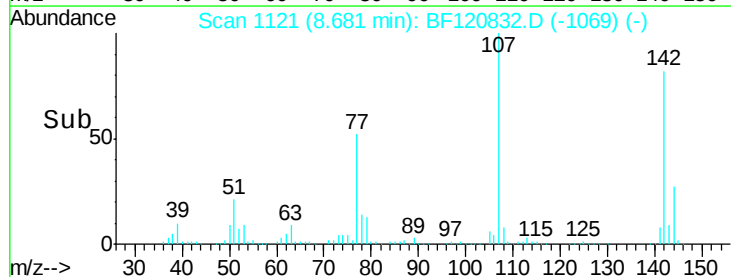
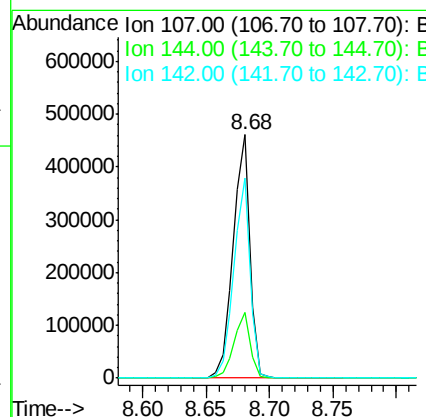
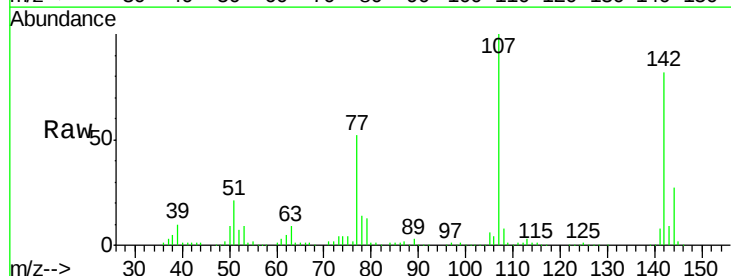
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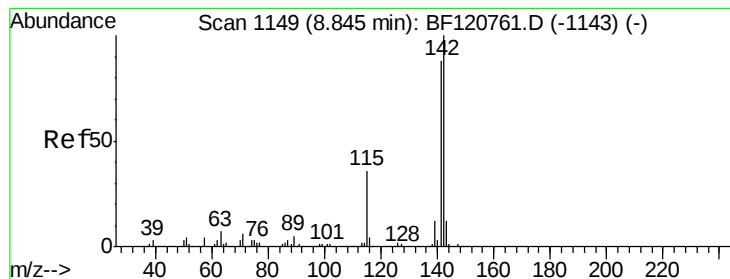
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#36
 4-Chloro-3-methylphenol
 Concen: 44.966 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.7	29.5
142	82.3	61.2	91.8





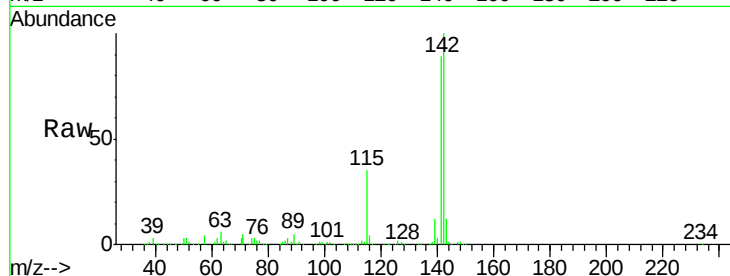
#37
2-Methylnaphthalene
Concen: 44.746 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4
115	35.3	29.0	43.4

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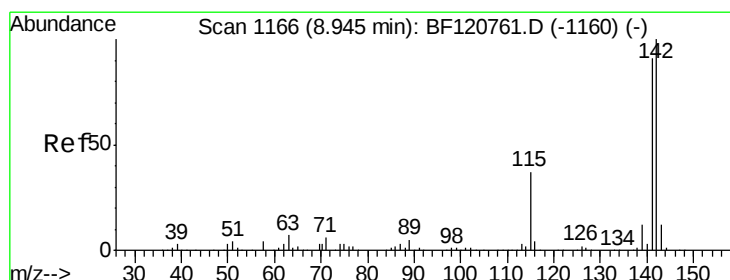
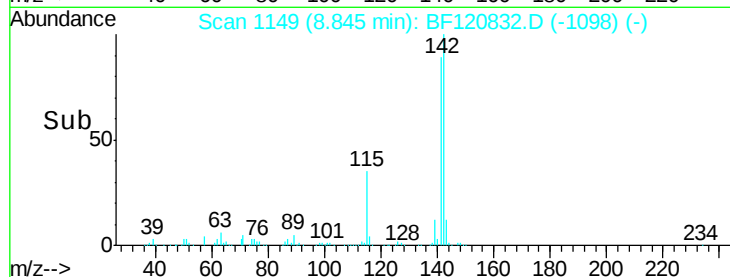
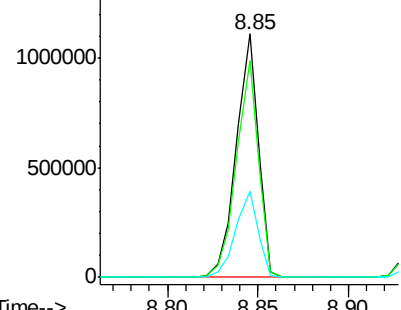


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.557 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

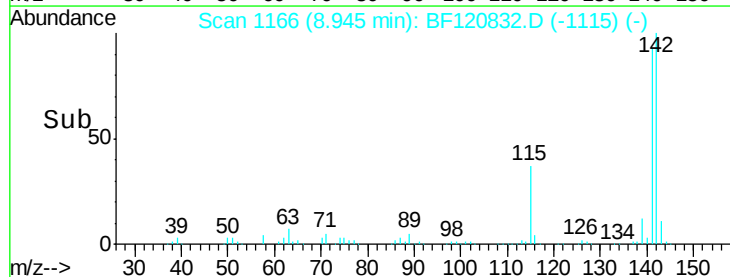
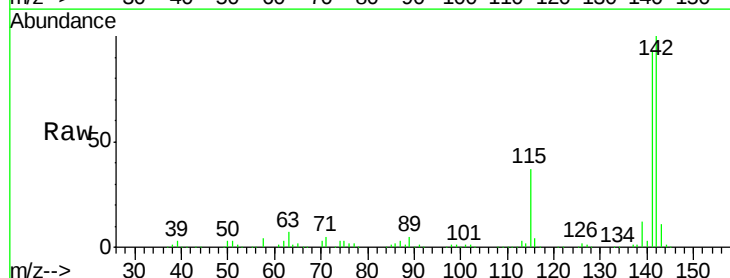
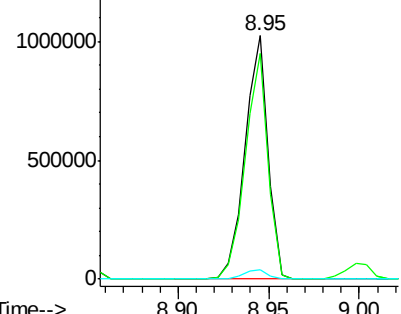
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.5	108.7
116	3.8	3.1	4.7

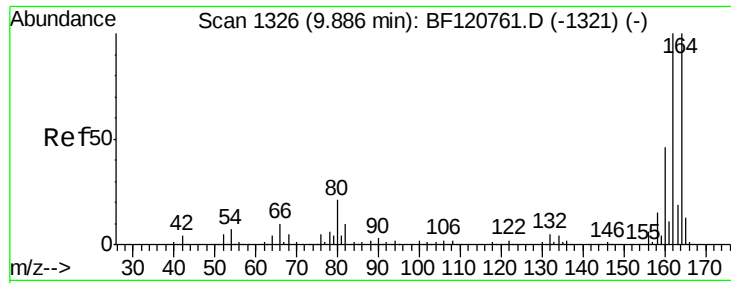
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





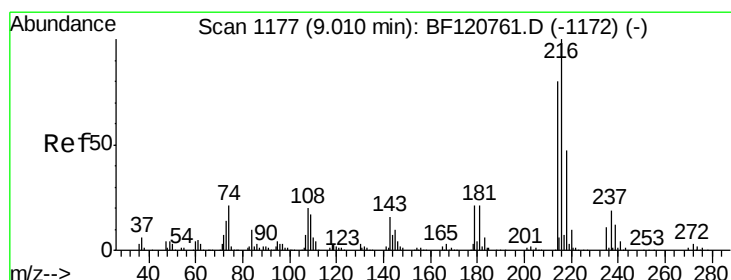
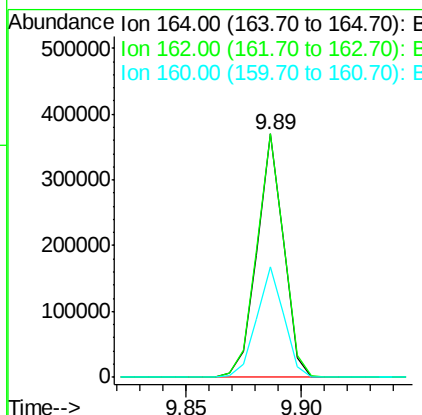
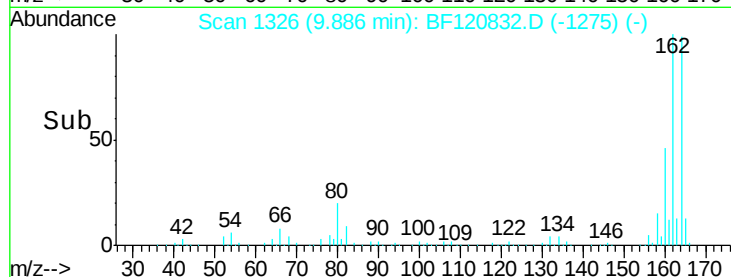
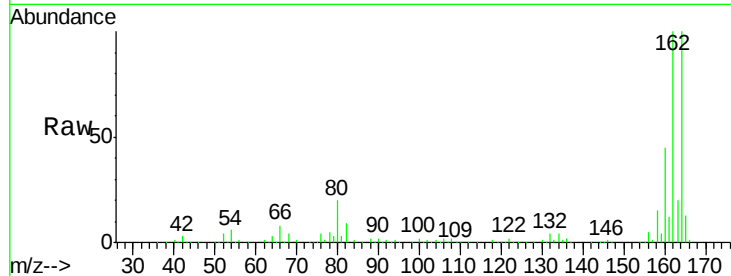
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	298530		
162	99.9	80.2	120.2	
160	45.5	36.9	55.3	

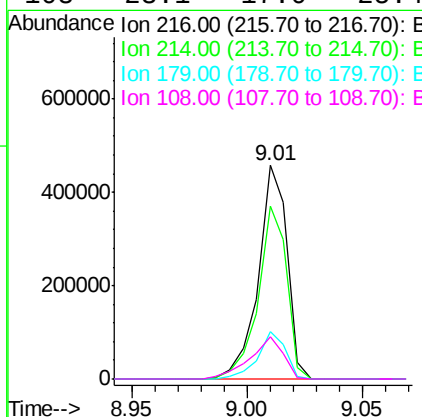
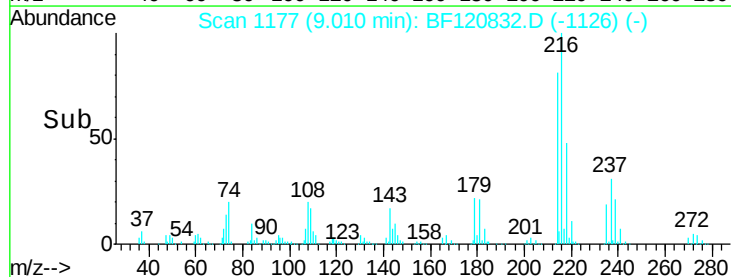
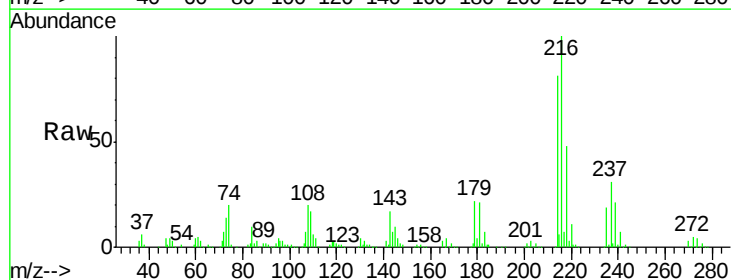
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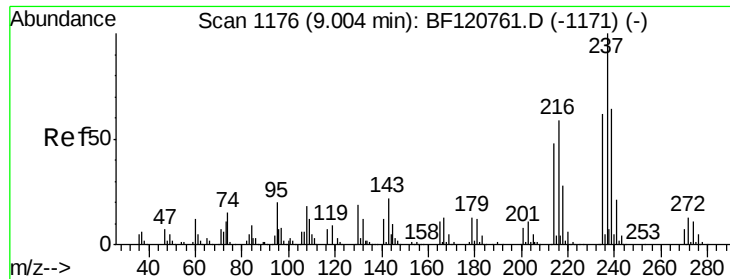
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.191 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	398710		
214	80.0	63.7	95.5	
179	21.0	16.7	25.1	
108	23.1	17.0	25.4	





#41

Hexachlorocyclopentadiene

Concen: 94.867 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

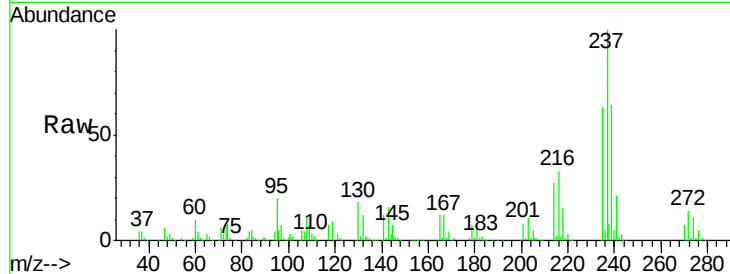
ClientSampleId :

PB130117BSD

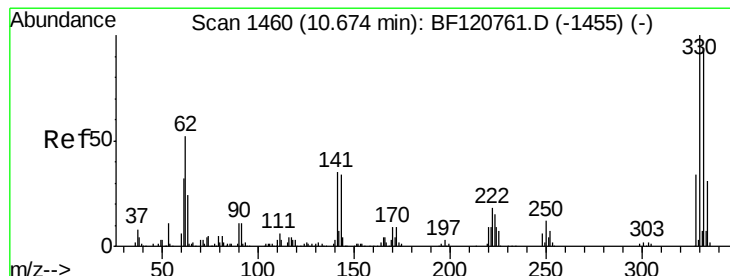
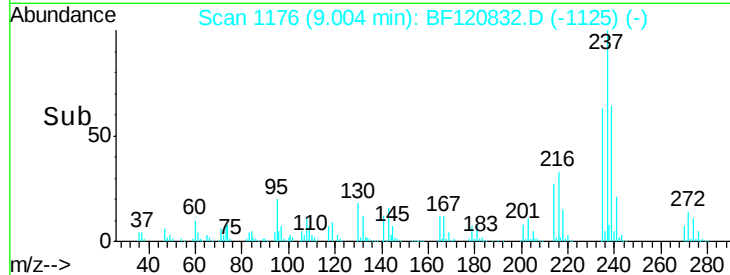
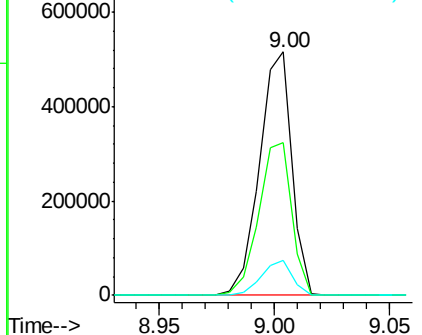
Tot Ion:	237	Resp:	505709
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.1	82.1
272	14.2	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 149.305 ng

RT: 10.68 min Scan# 1461

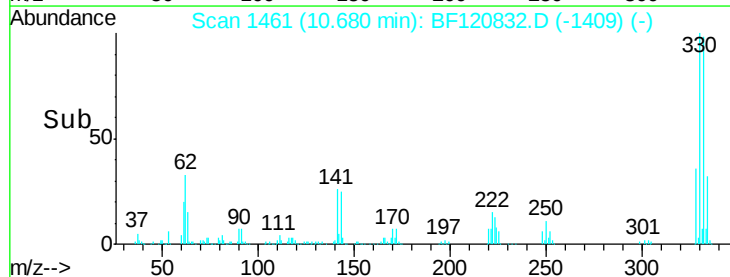
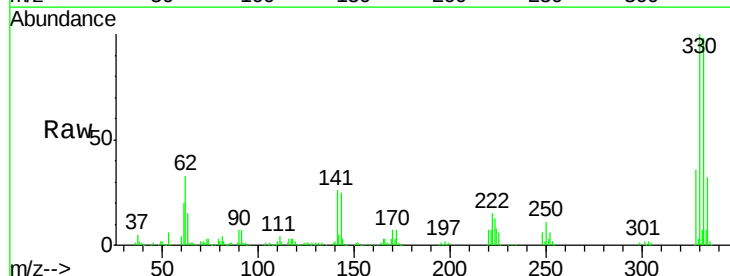
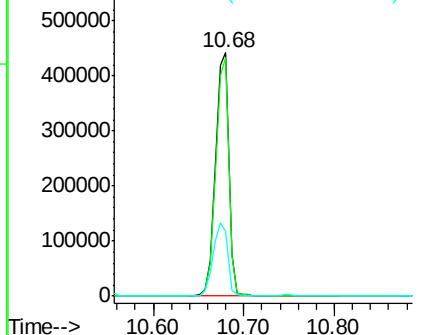
Delta R.T. 0.01 min

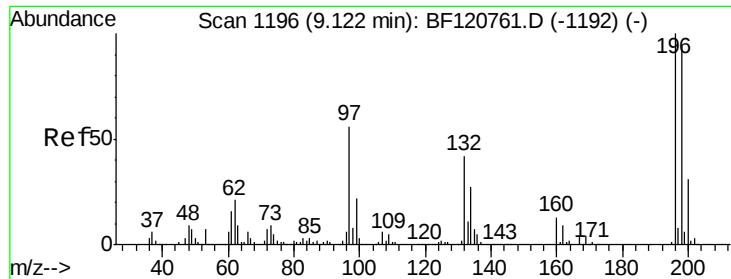
Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:	330	Resp:	447792
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.8	113.6
141	33.3	29.7	44.5

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





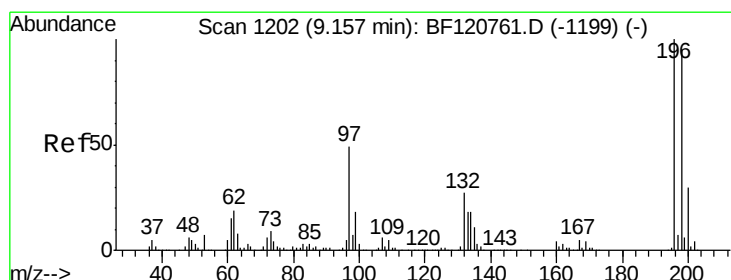
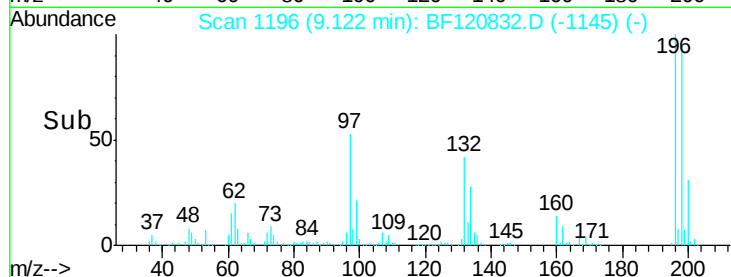
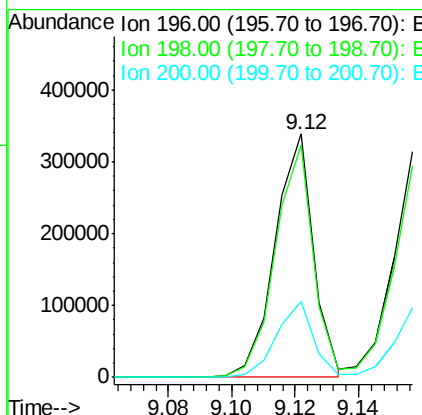
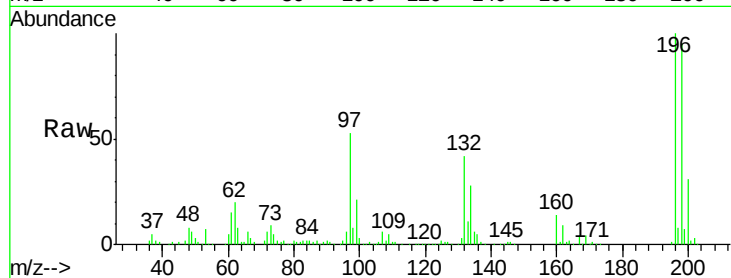
#43
 2,4,6-Trichlorophenol
 Concen: 46.399 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion:	196	Resp:	285254
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.3	112.9
200	31.0	24.4	36.6

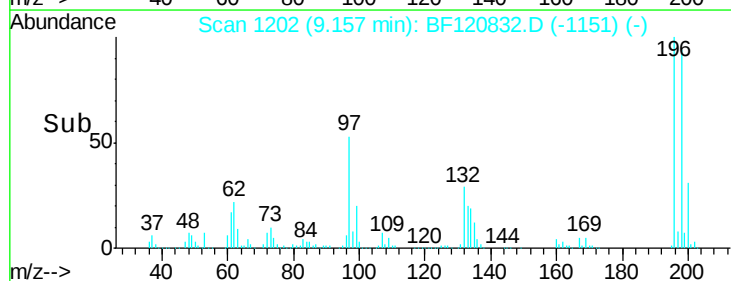
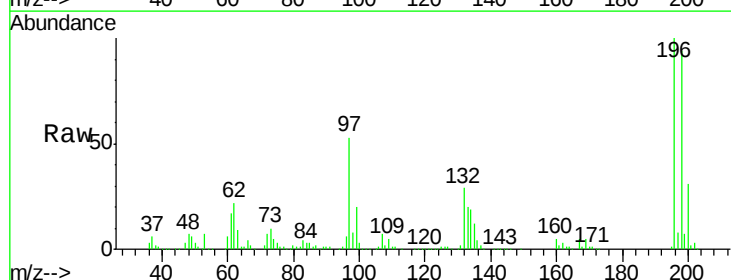
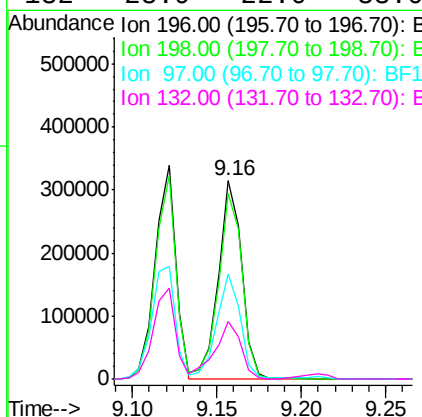
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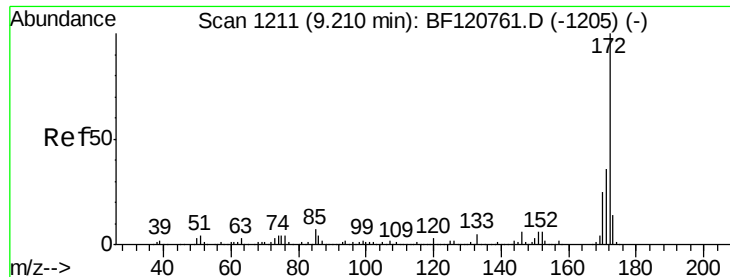
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.289 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion:	196	Resp:	302175
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.2
97	53.3	39.6	59.4
132	28.9	22.0	33.0





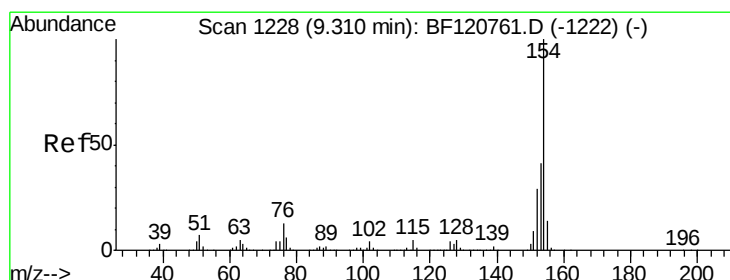
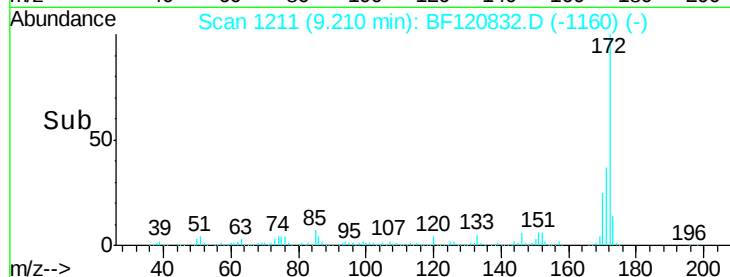
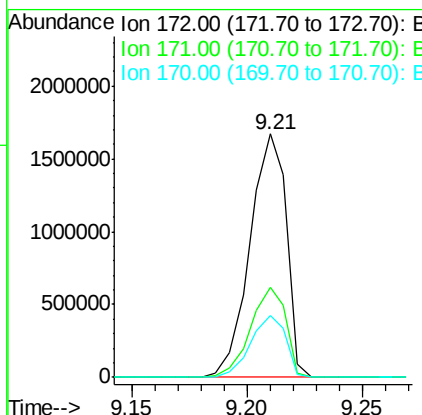
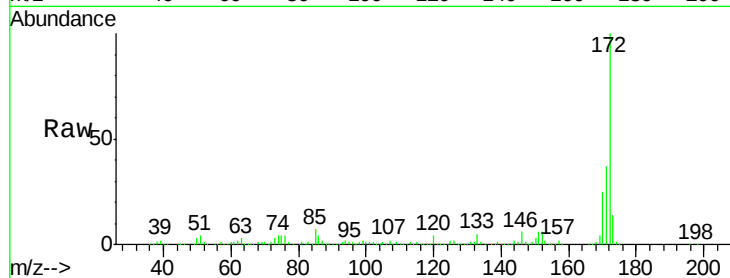
#45
2-Fluorobiphenyl
Concen: 93.133 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.3	19.8	29.6

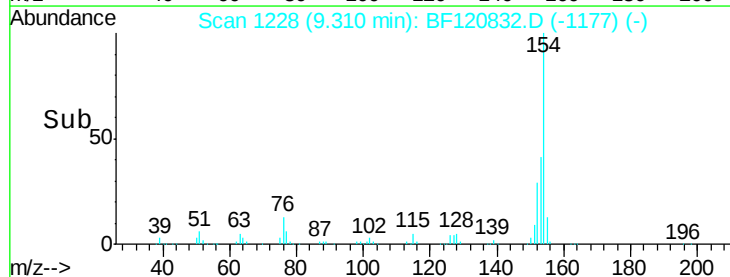
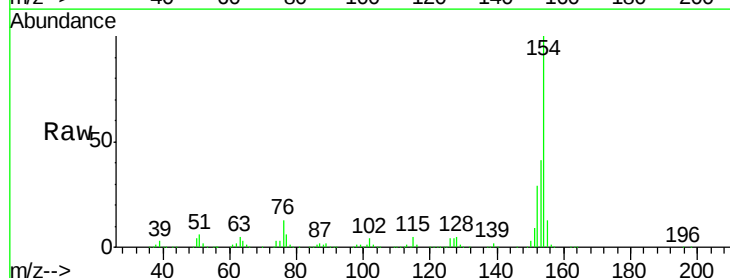
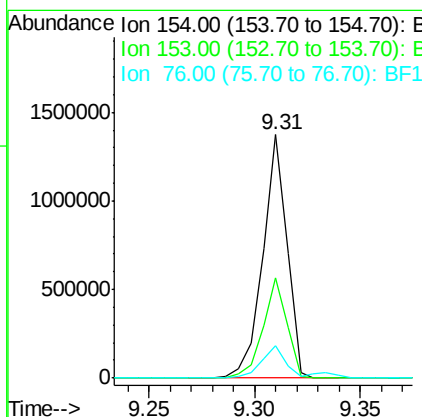
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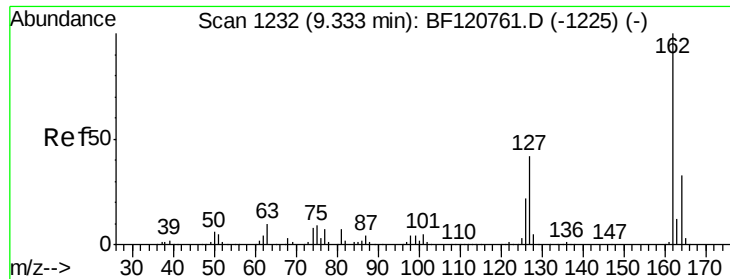
mohammad
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#46
1,1'-Biphenyl
Concen: 45.437 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	13.1	0.0	33.3





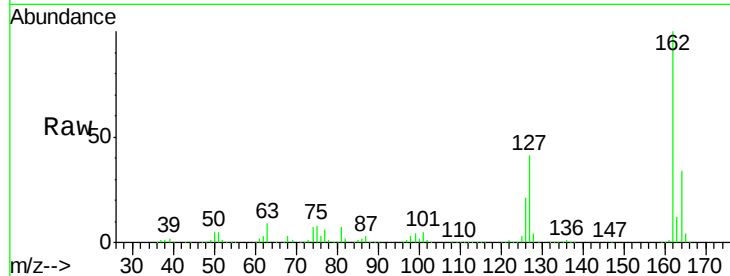
#47
2-Chloronaphthalene
Concen: 45.107 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

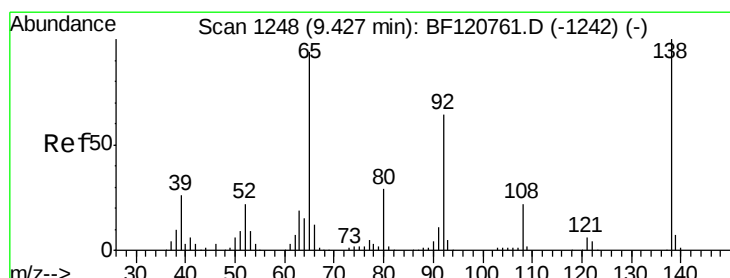
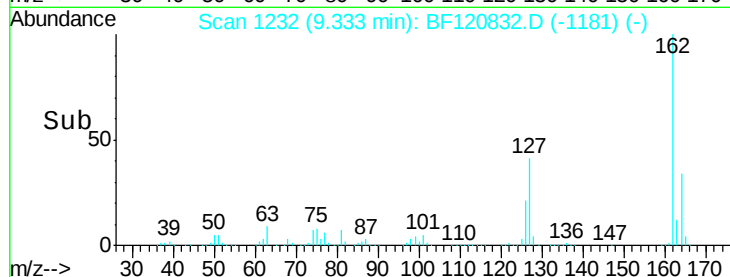
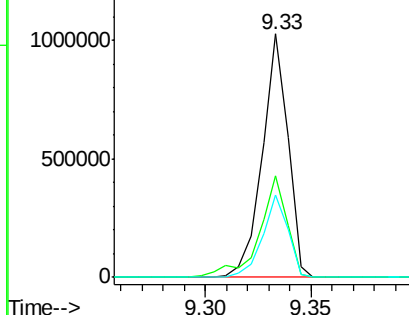
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.7	50.5
164	33.7	26.4	39.6

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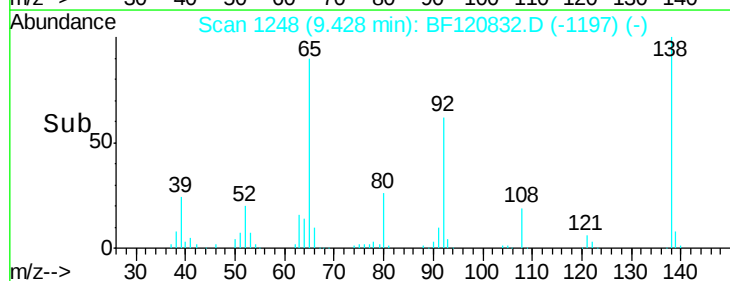
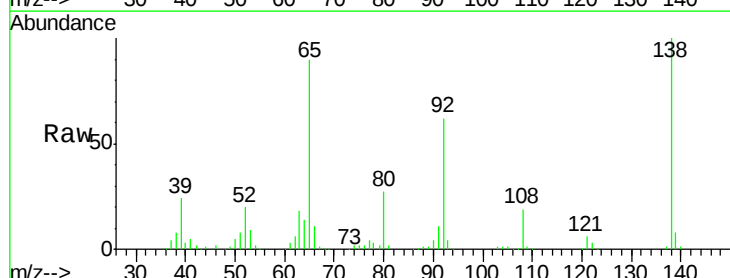
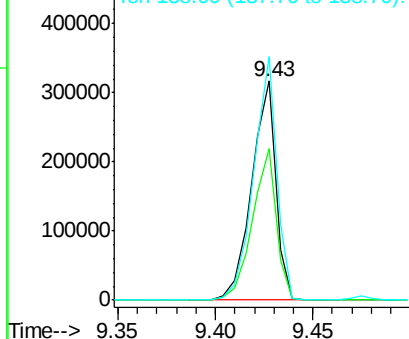
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

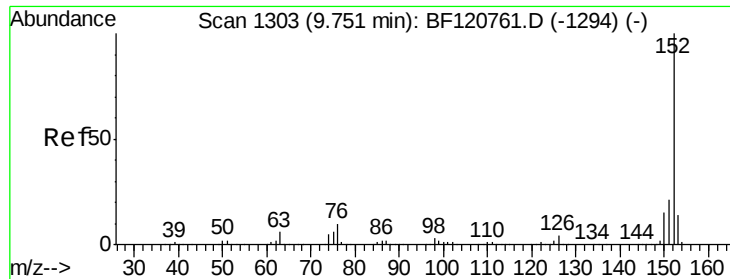


#48
2-Nitroaniline
Concen: 47.147 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.4	81.6
138	111.3	84.7	127.1

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: 44.667 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

Tot Ion:152 Resp: 1350977

Ion Ratio Lower Upper

152 100

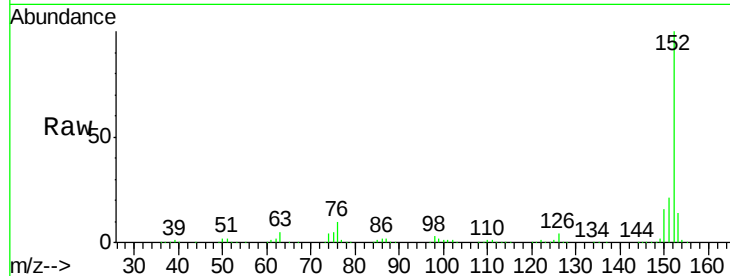
151 21.3 16.9 25.3

153 13.6 10.8 16.2

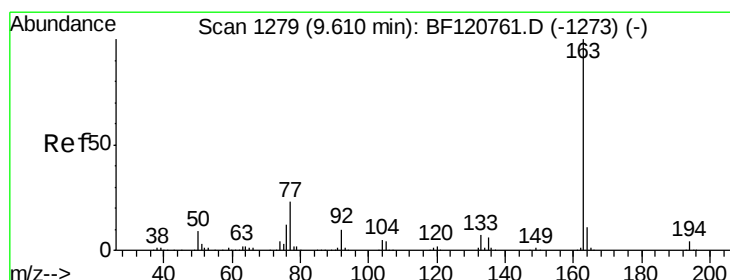
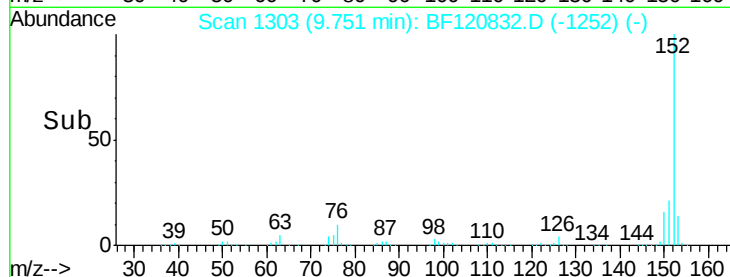
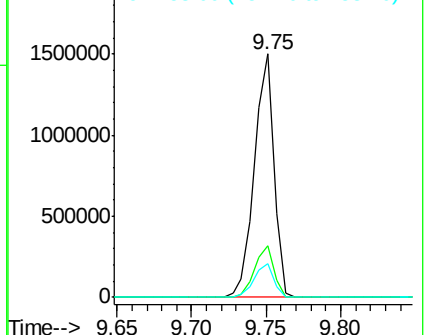
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.964 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

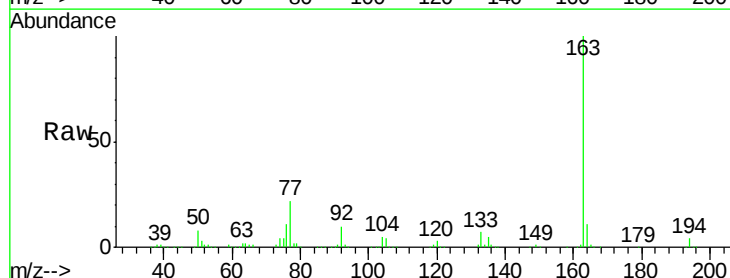
Tgt Ion:163 Resp: 979178

Ion Ratio Lower Upper

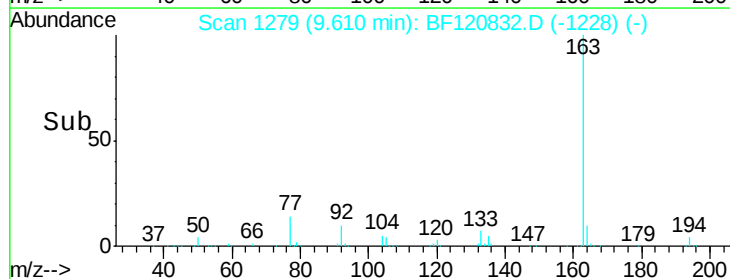
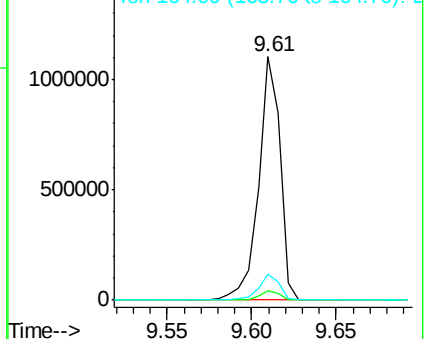
163 100

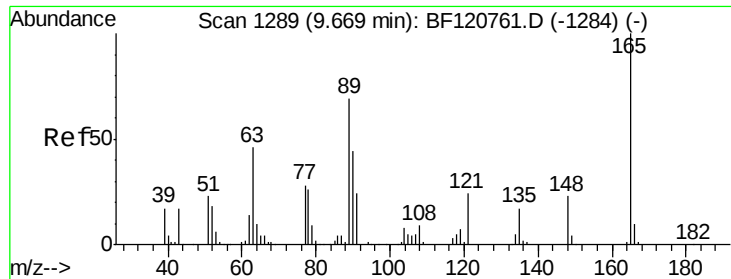
194 3.8 2.9 4.3

164 10.6 8.5 12.7



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





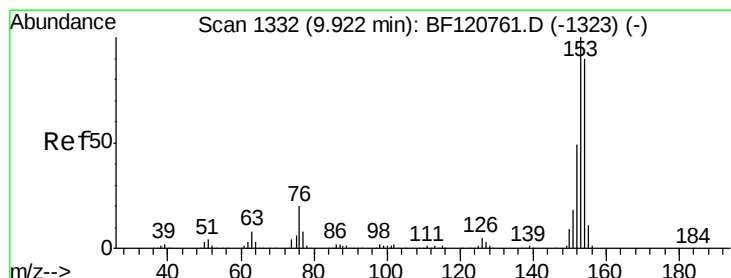
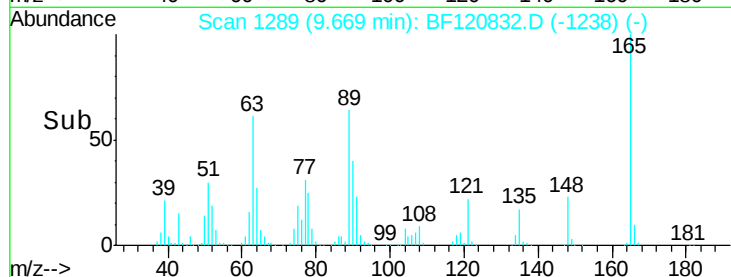
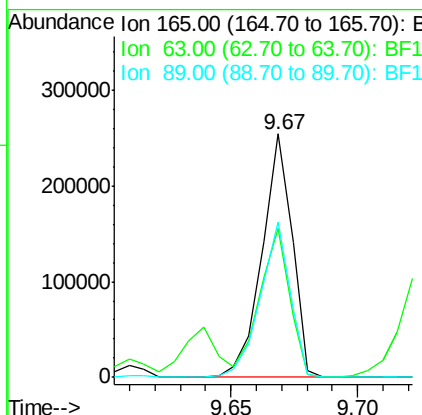
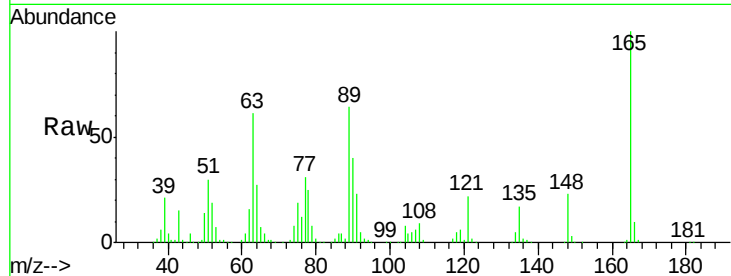
#51
2,6-Dinitrotoluene
Concen: 49.081 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.1	54.0	81.0
89	63.9	55.4	83.2

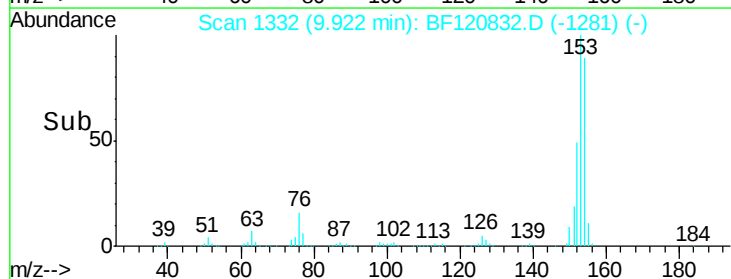
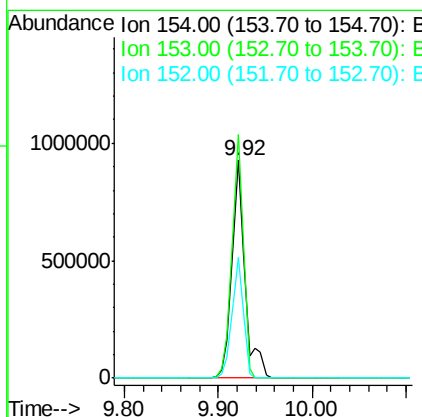
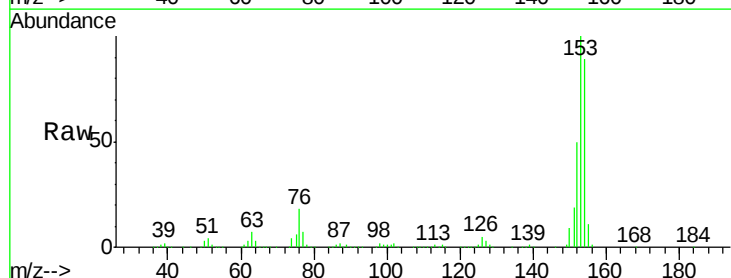
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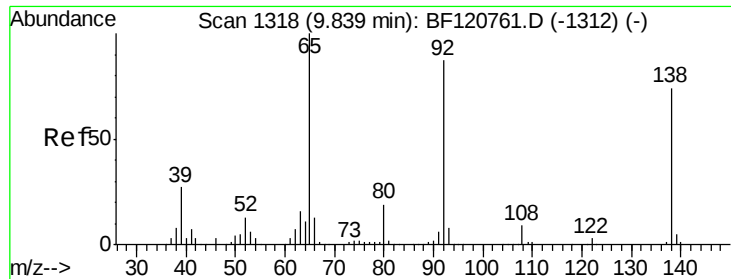
mohammad
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#52
Acenaphthene
Concen: 48.807 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.0	88.6	132.8
152	55.4	43.6	65.4





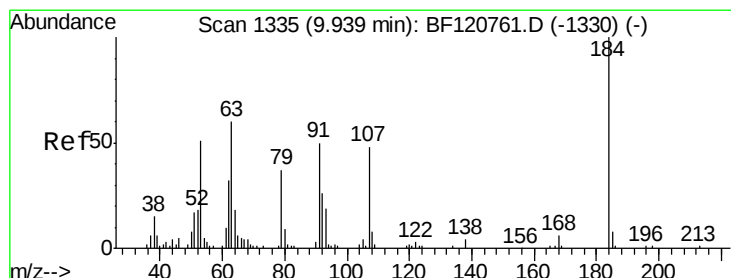
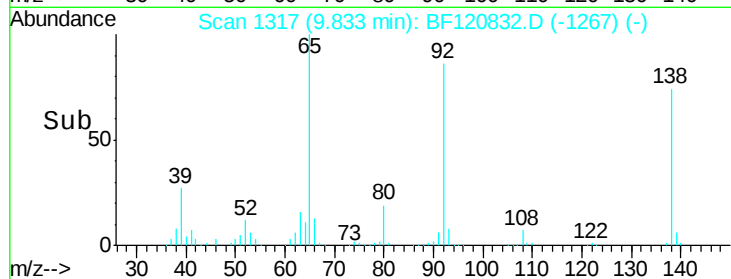
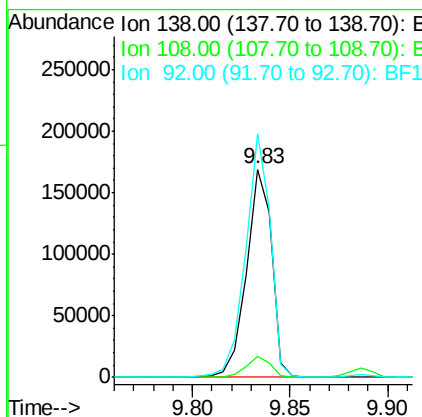
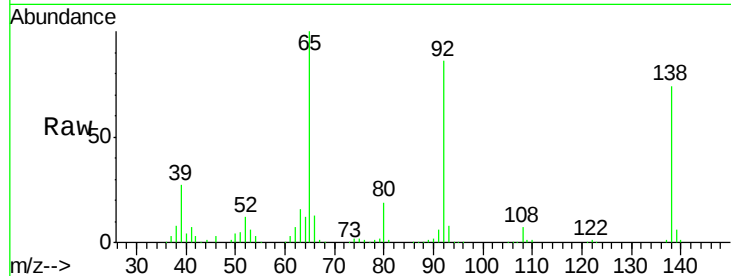
#53
 3-Nitroaniline
 Concen: 29.447 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.8	14.6
92	117.0	93.4	140.2

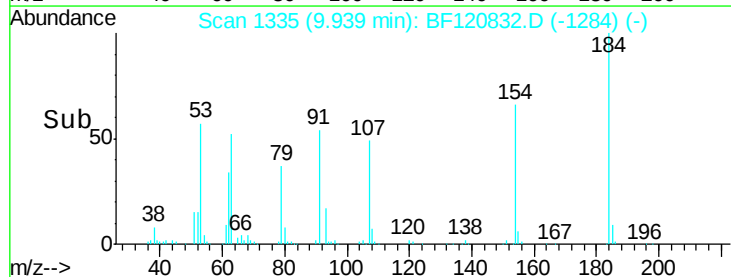
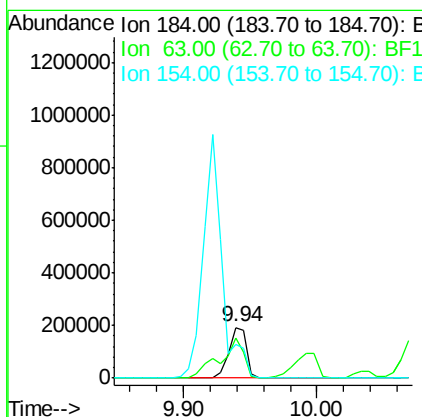
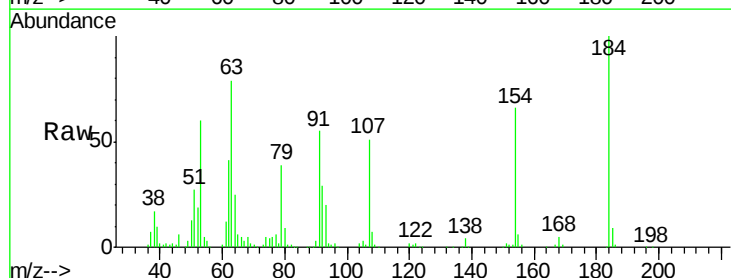
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#54
 2,4-Dinitrophenol
 Concen: 103.853 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.2	57.3	85.9
154	66.4	55.8	83.6





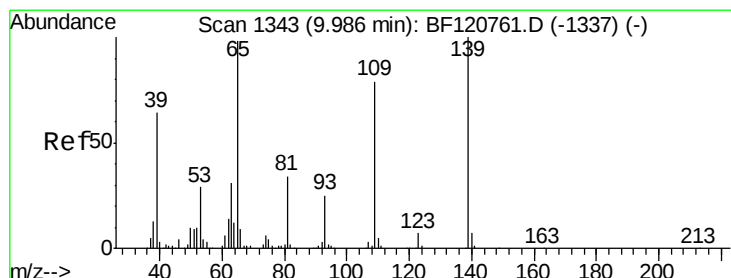
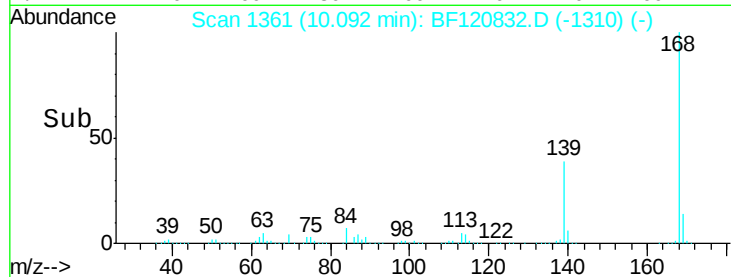
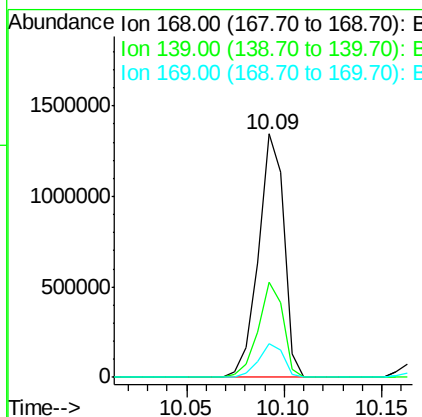
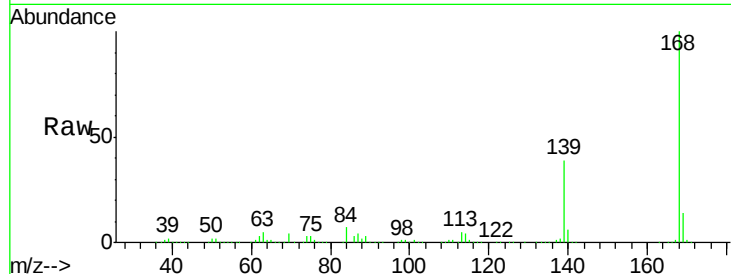
#55
Dibenzenofuran
Concen: 44.953 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:168 Resp: 1215833
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 14.1 11.2 16.8

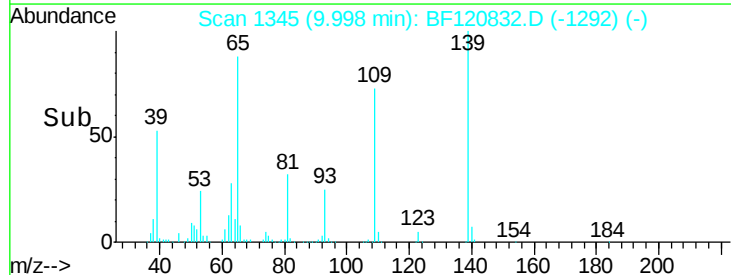
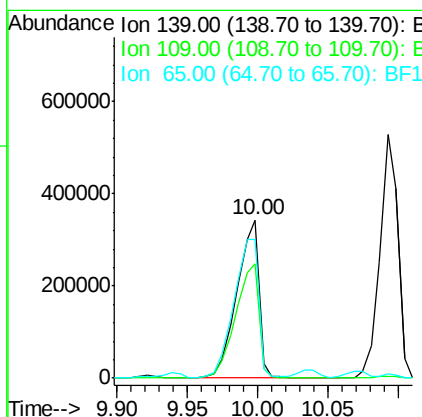
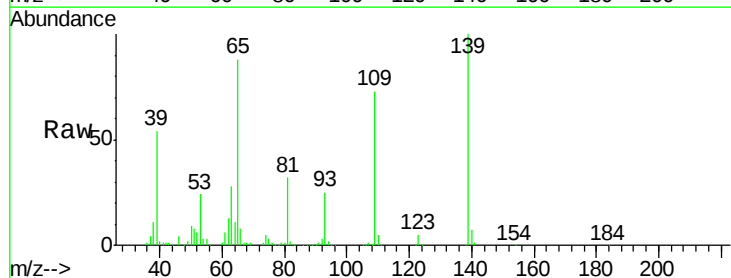
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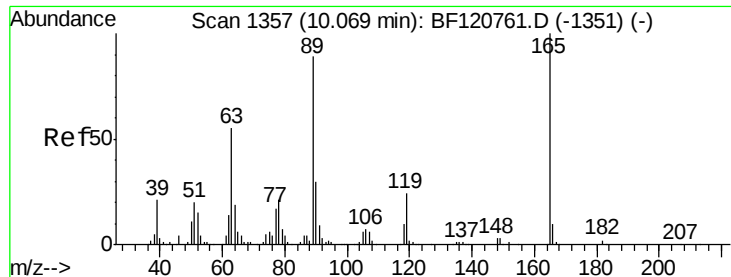
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#56
4-Nitrophenol
Concen: 93.929 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:139 Resp: 376622
Ion Ratio Lower Upper
139 100
109 72.5 58.6 98.6
65 87.6 78.7 118.7





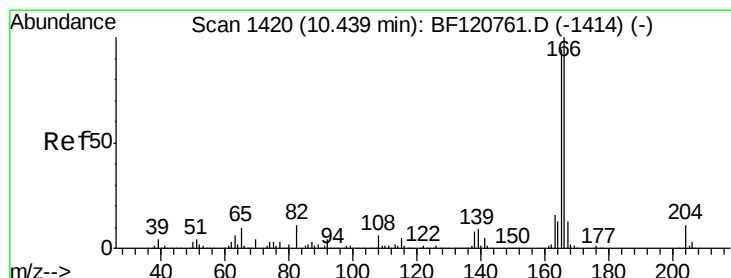
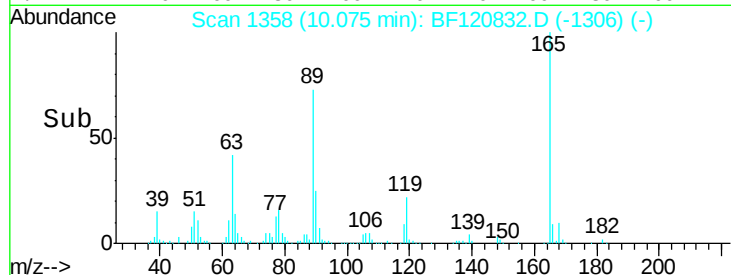
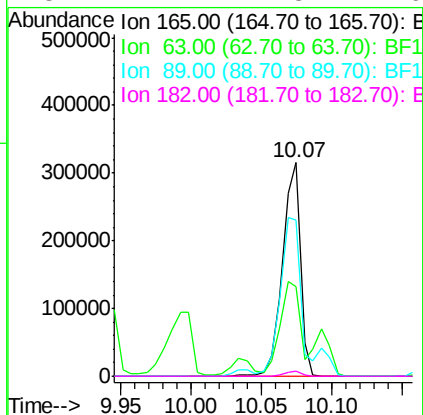
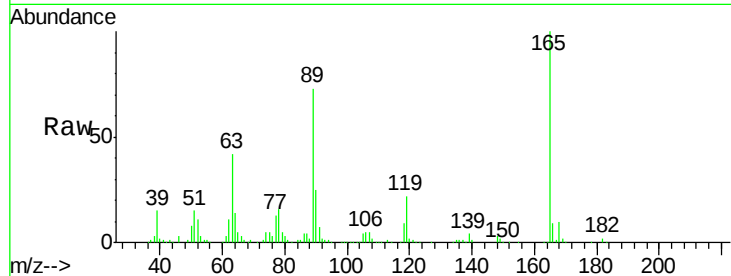
#57
2,4-Dinitrotoluene
Concen: 51.849 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280943		
63	42.1		43.8	65.8#
89	73.0		71.4	107.2
182	2.4		1.8	2.6

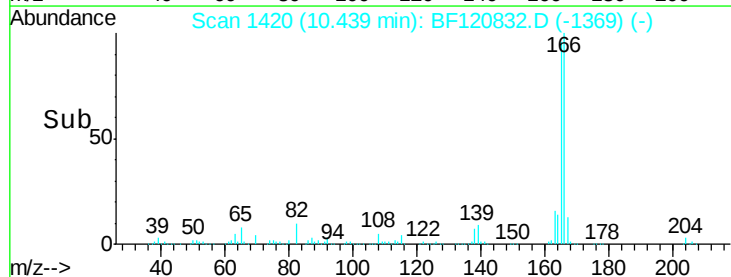
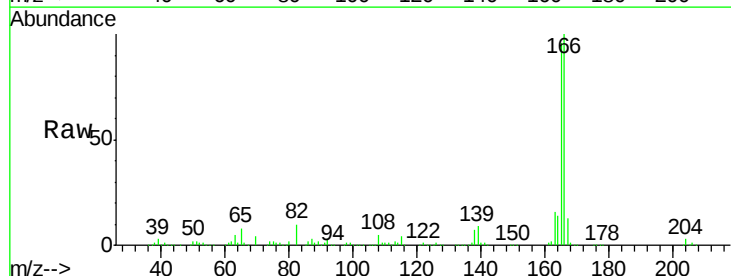
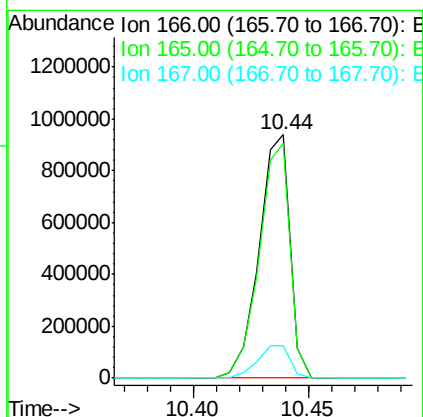
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#58
Fluorene
Concen: 43.673 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	879196		
165	96.2		75.5	113.3
167	13.4		10.6	16.0





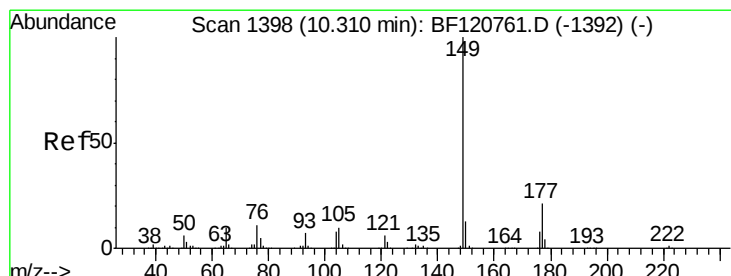
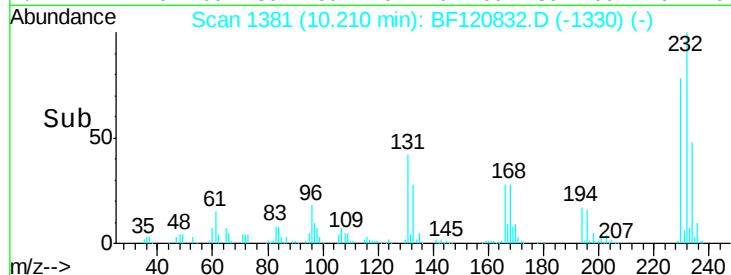
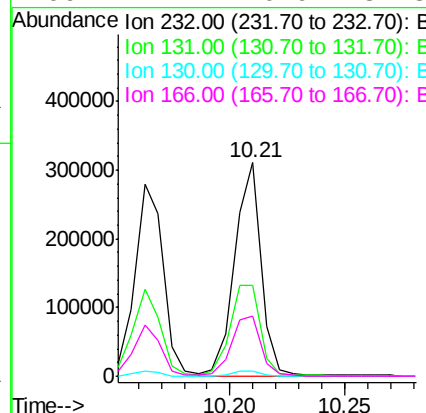
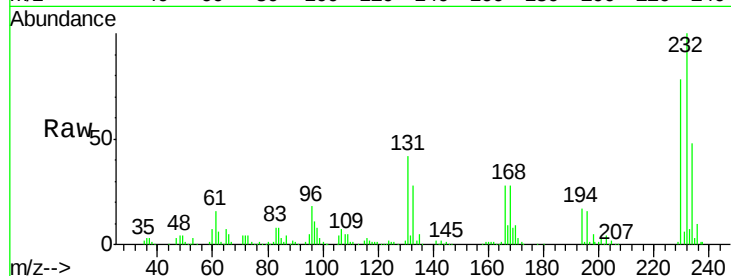
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.695 ng/ml
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	252311		
131	42.7	36.3	54.5	
130	2.4	2.0	3.0	
166	24.4	20.9	31.3	

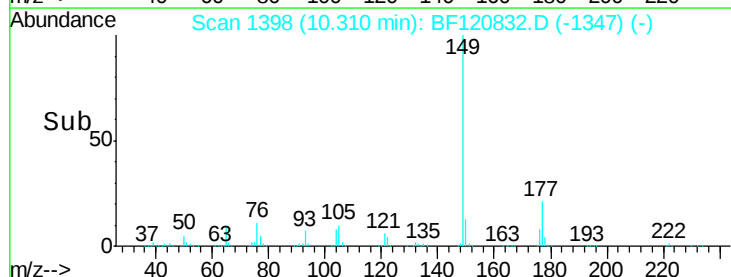
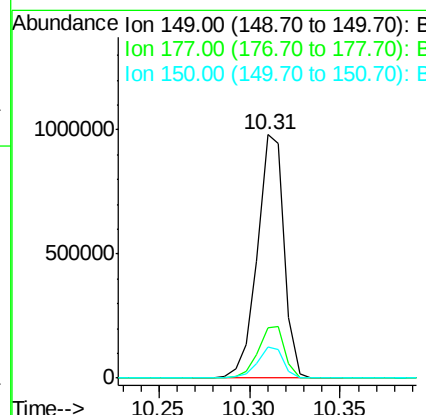
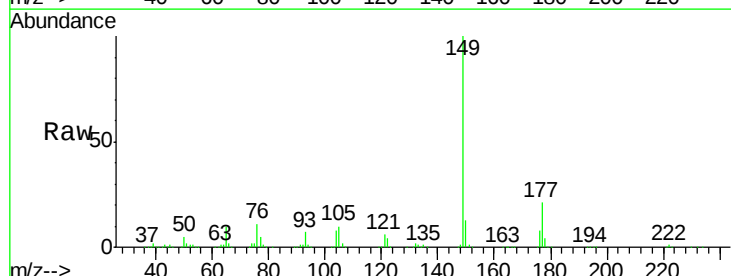
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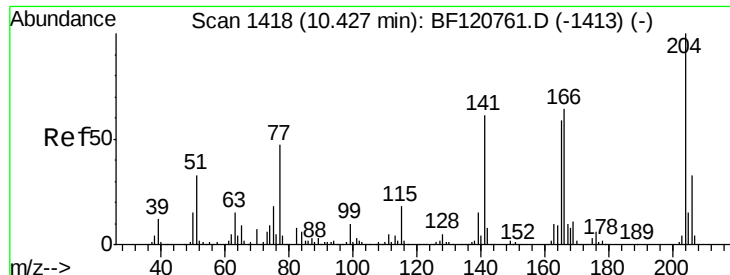
mohammad
7/13/2020 1:04:43 PM



#60
Diethylphthalate
Concen: 44.351 ng/ml
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1006121		
177	20.9	16.4	24.6	
150	12.8	10.2	15.4	





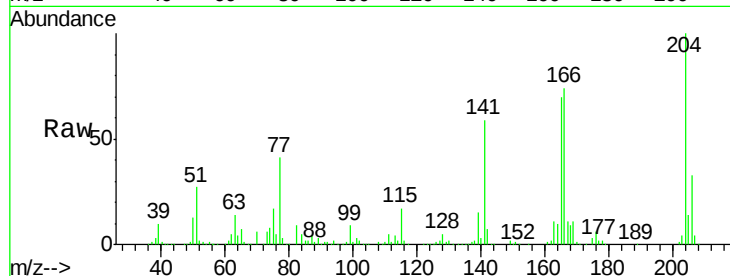
#61
4-Chlorophenyl-phenylether
Concen: 42.547 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

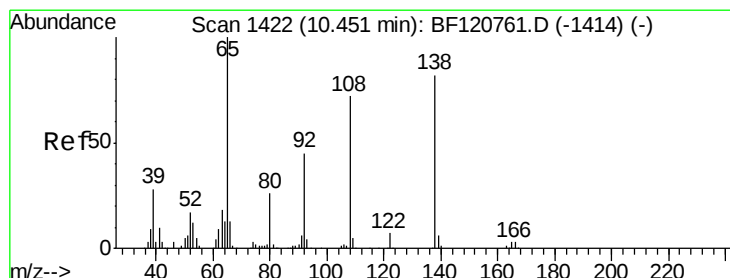
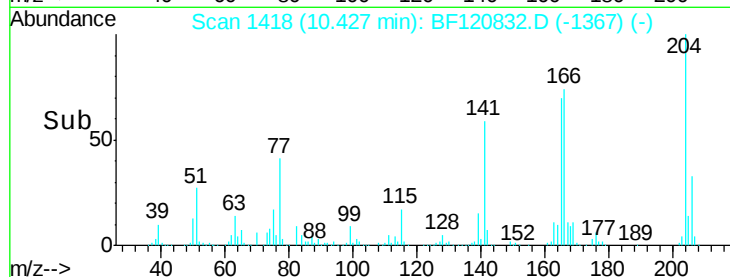
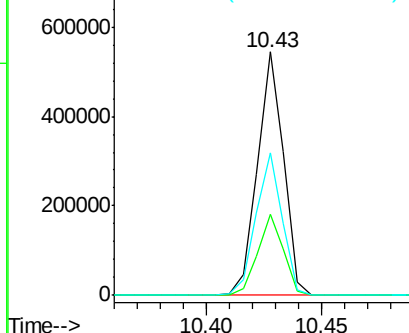
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	58.7	48.5	72.7

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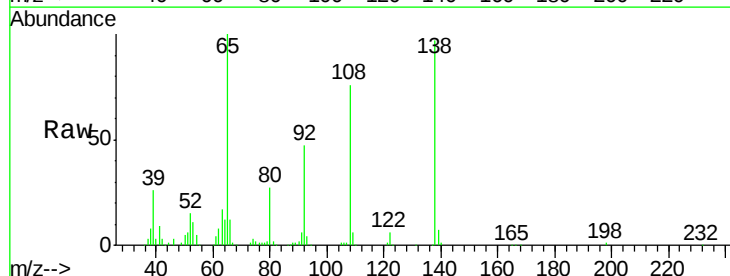


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

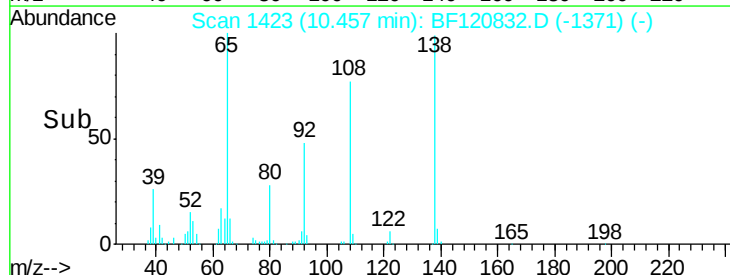
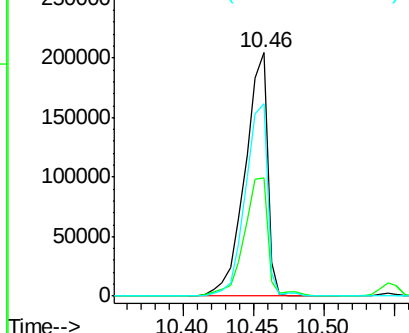


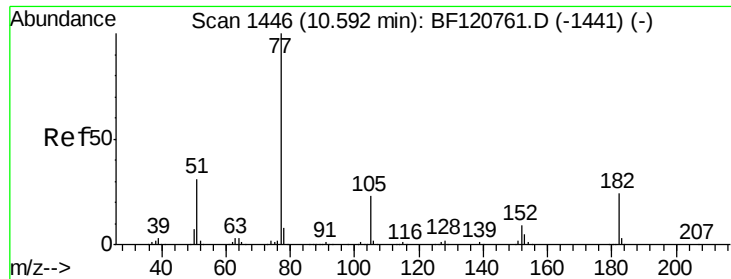
#62
4-Nitroaniline
Concen: 49.350 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	34.3	74.3
108	78.8	68.3	108.3



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





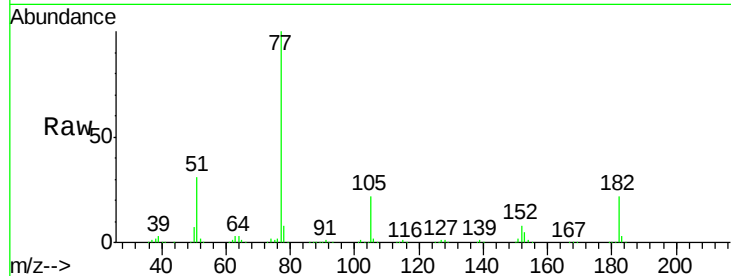
#63
Azobenzene
Concen: 43.737 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.4	4.0	44.0
105	22.4	2.6	42.6
51	31.3	11.5	51.5

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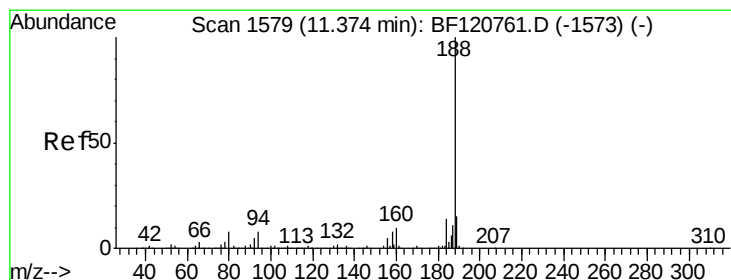
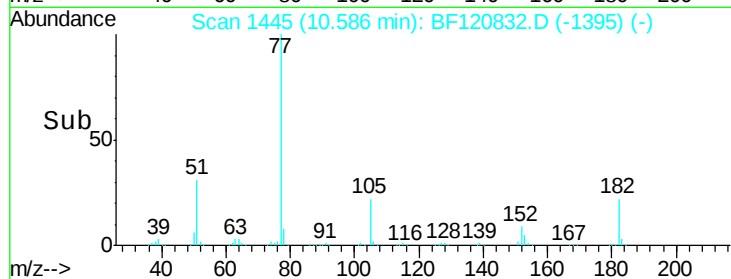
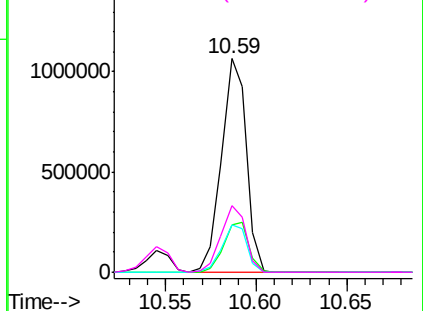


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



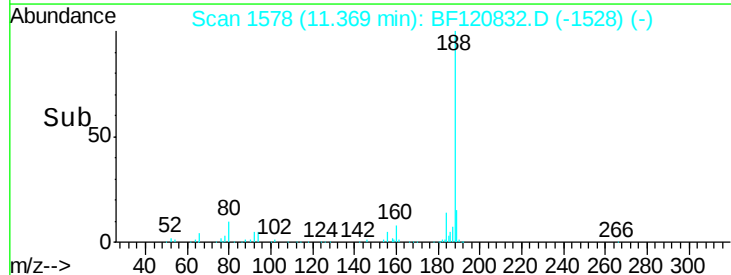
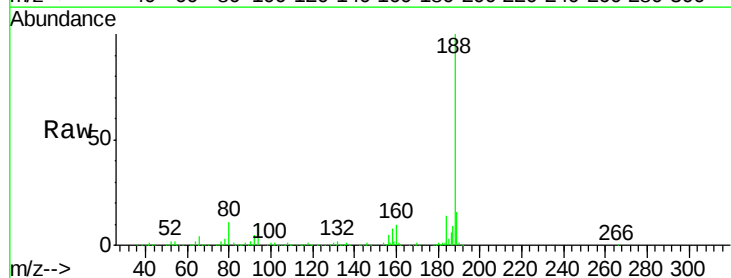
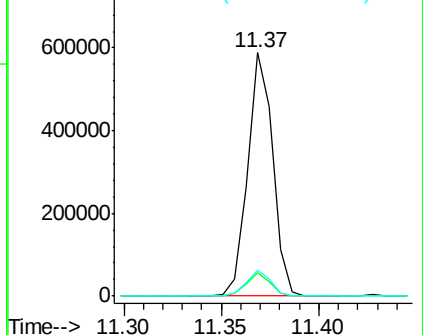
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

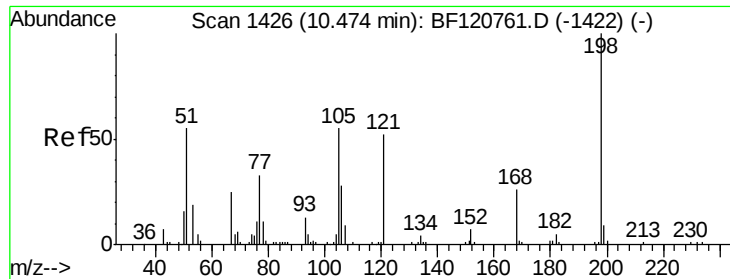
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	9.8
80	10.6	6.6	10.0#

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





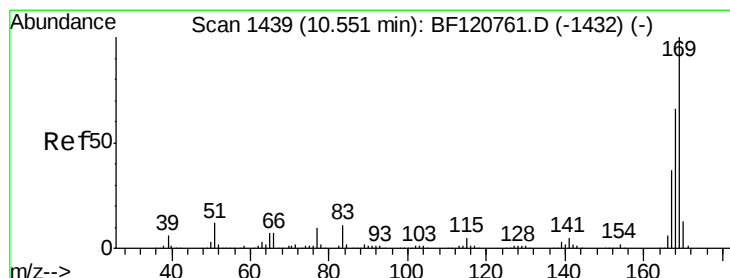
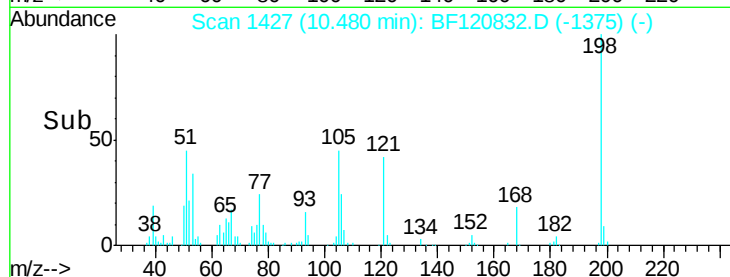
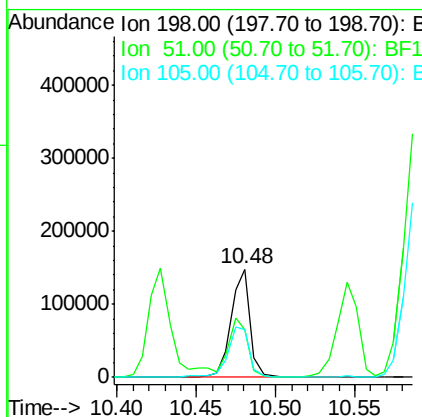
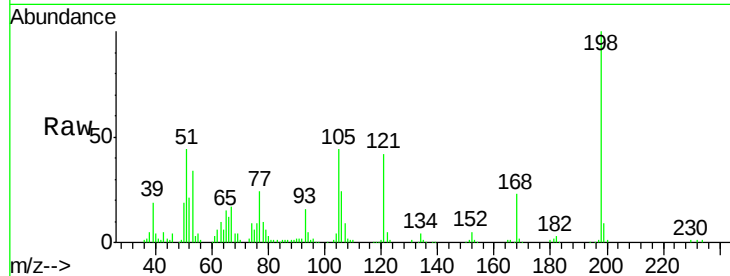
#65
4,6-Dinitro-2-methylphenol
Concen: 54.378 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122039		
51	44.5	50.0	90.0#	
105	43.9	38.3	78.3	

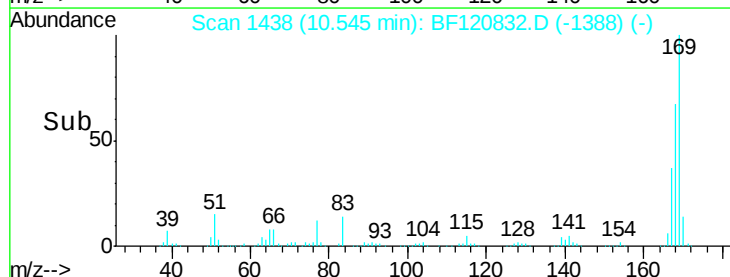
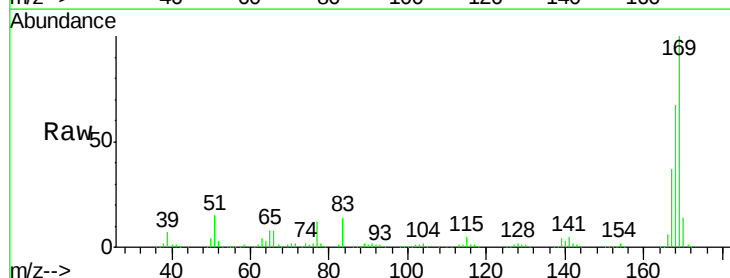
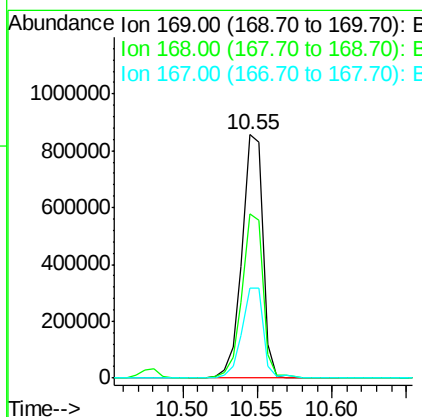
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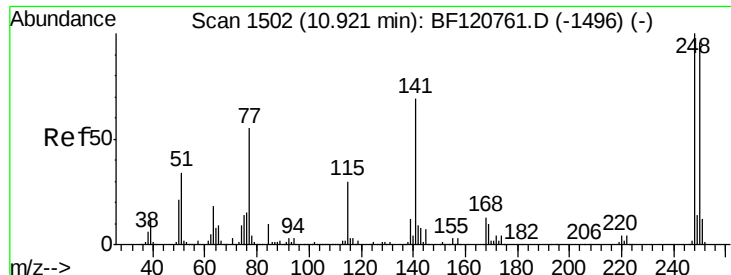
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.331 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	830014		
168	67.4	53.1	79.7	
167	37.2	29.6	44.4	





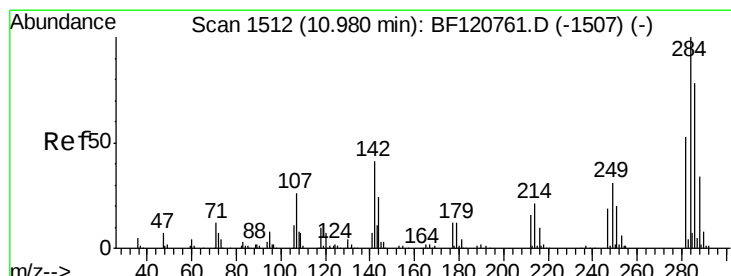
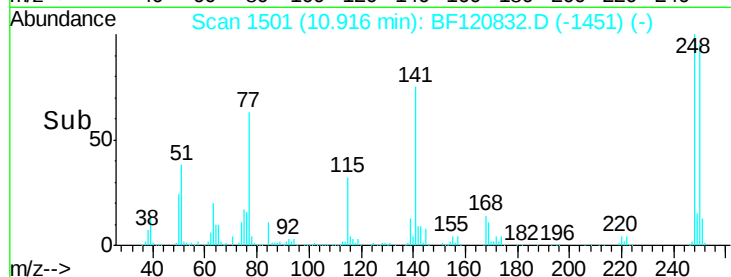
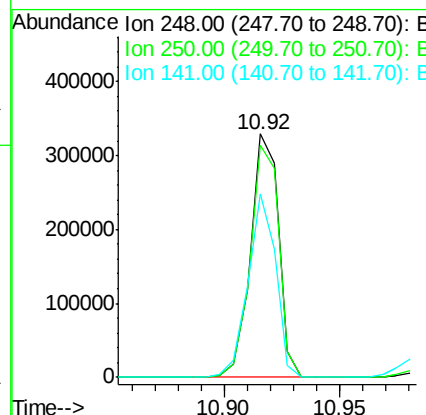
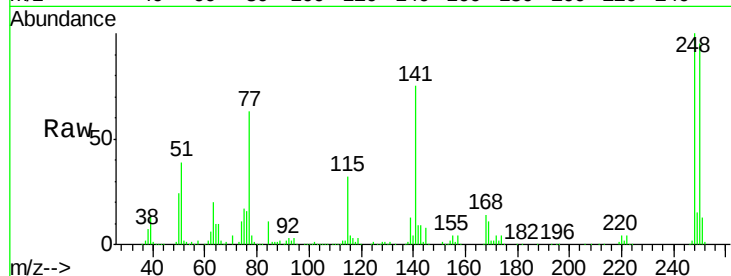
#67
 4-Bromophenyl-phenylether
 Concen: 46.056 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.5	114.7
141	75.2	54.9	82.3

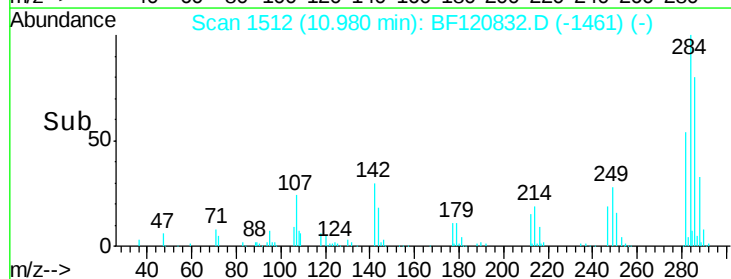
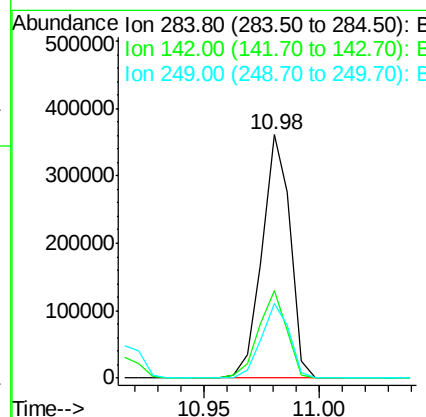
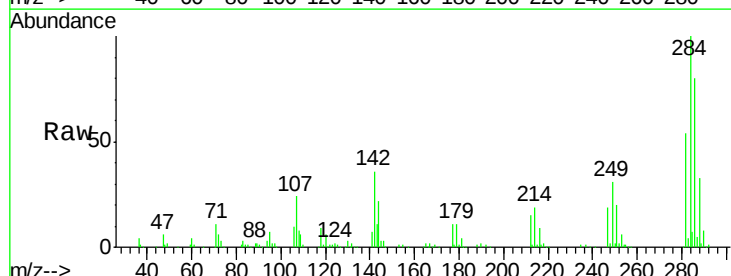
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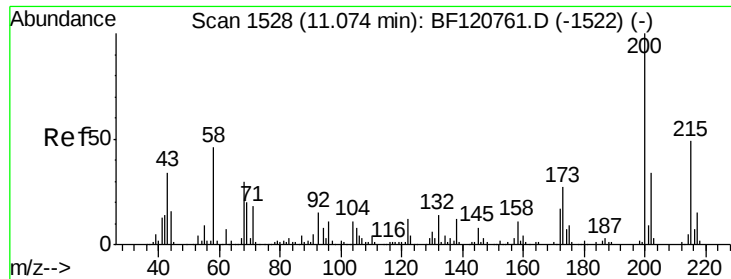
mohammad
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#68
 Hexachlorobenzene
 Concen: 48.298 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	32.5	48.7
249	30.6	24.8	37.2





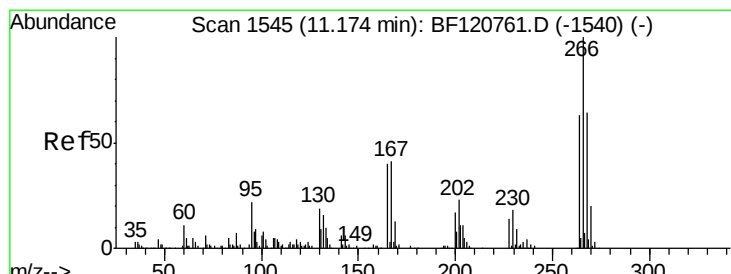
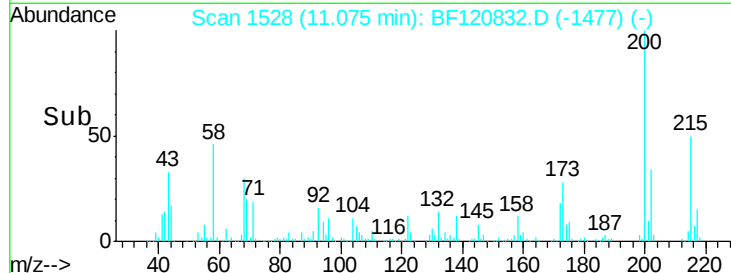
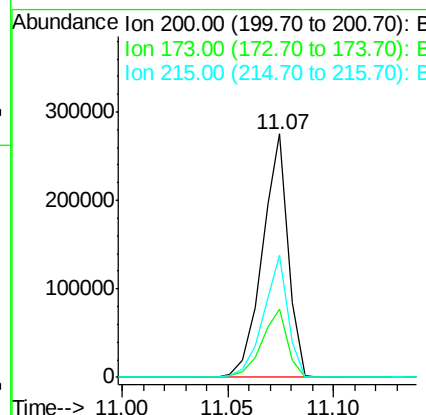
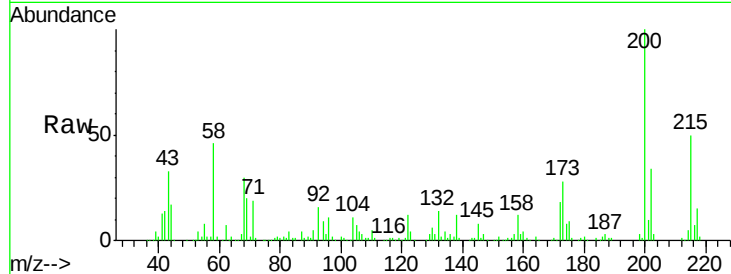
#69
 Atrazine
 Concen: 51.476 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	7.4	47.4
215	50.3	28.8	68.8

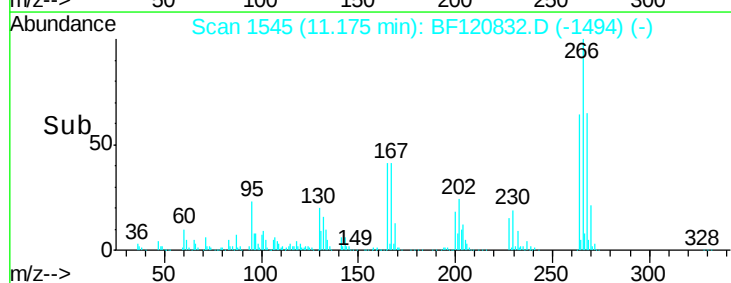
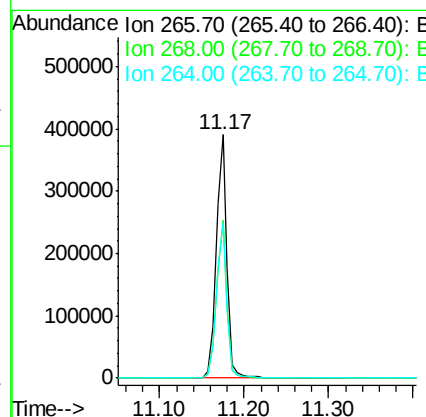
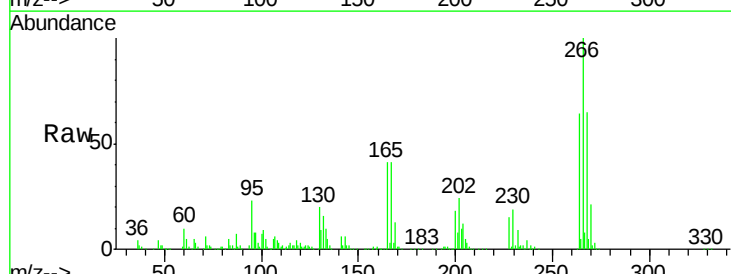
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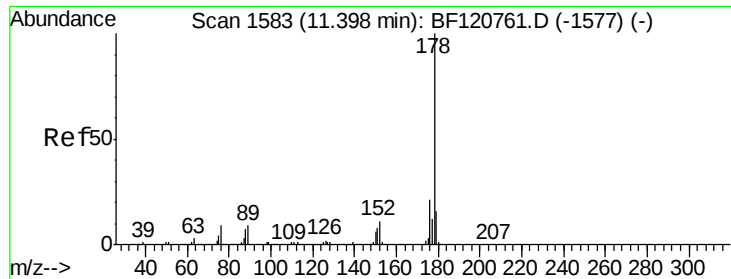
mohammad
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#70
 Pentachlorophenol
 Concen: 97.910 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	51.4	77.2
264	63.9	50.6	75.8





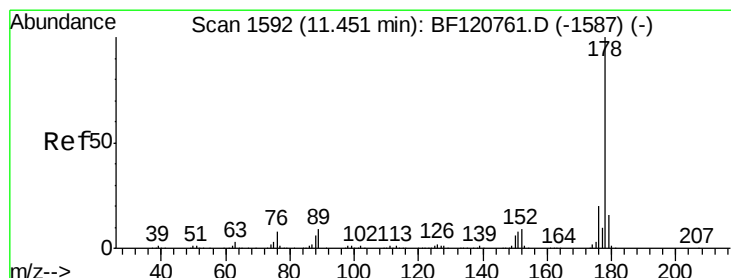
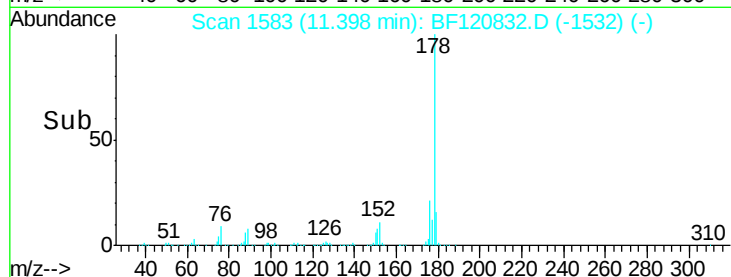
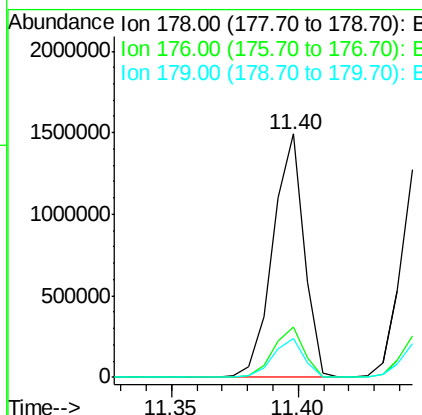
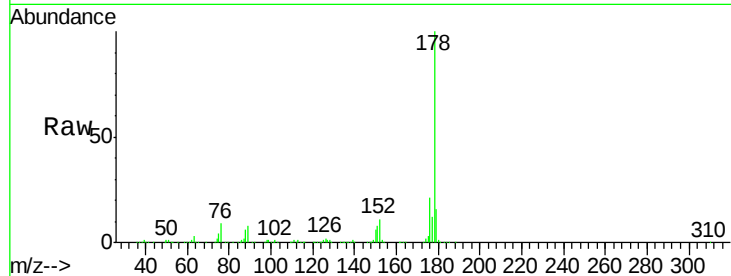
#71
Phenanthrene
Concen: 45.541 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	15.8	12.9	19.3

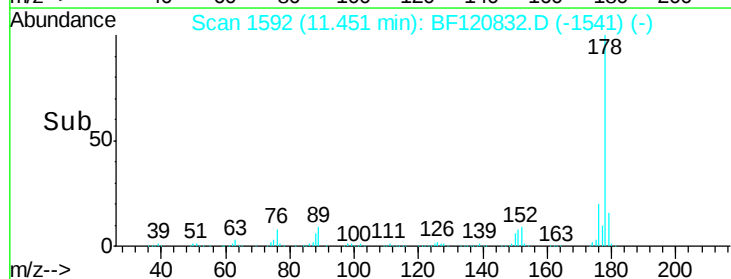
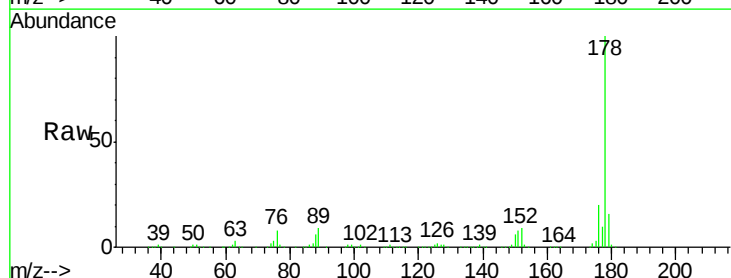
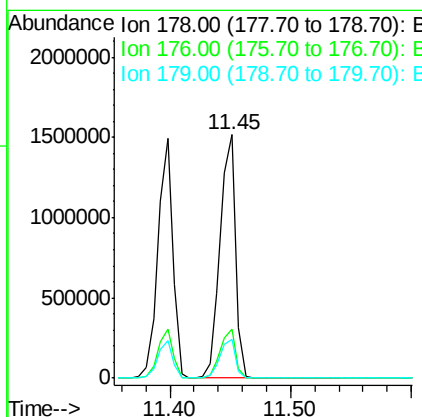
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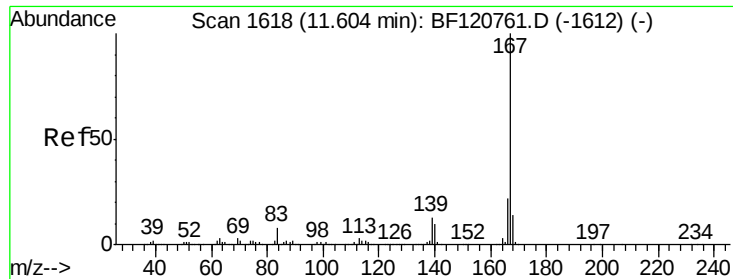
mohammad
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#72
Anthracene
Concen: 46.272 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	15.8	12.7	19.1





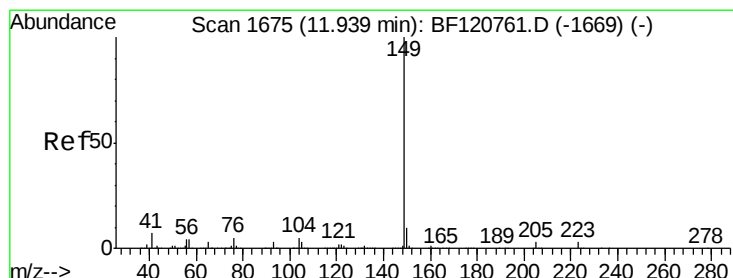
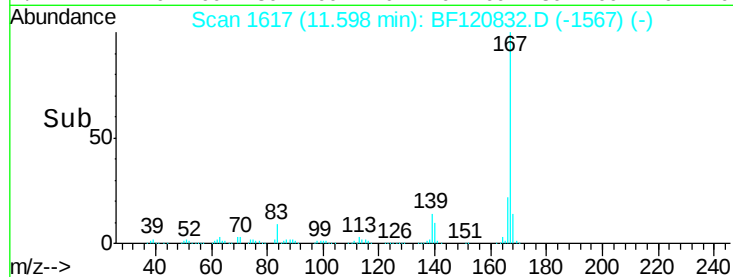
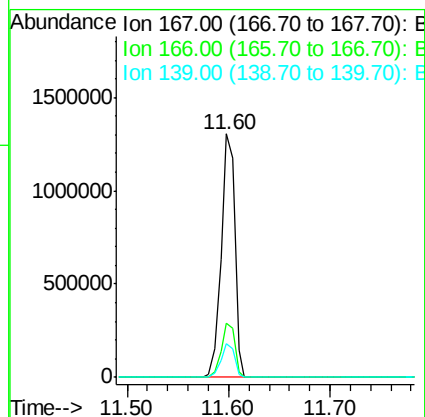
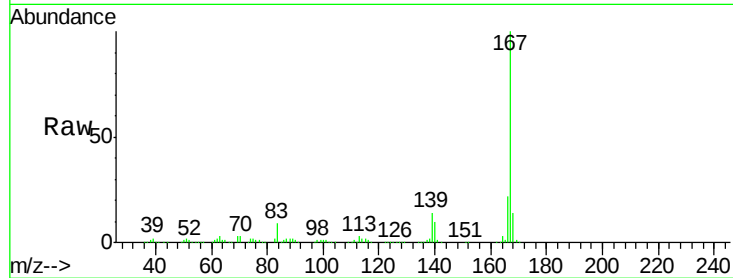
#73
 Carbazole
 Concen: 44.339 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.6	10.7	16.1

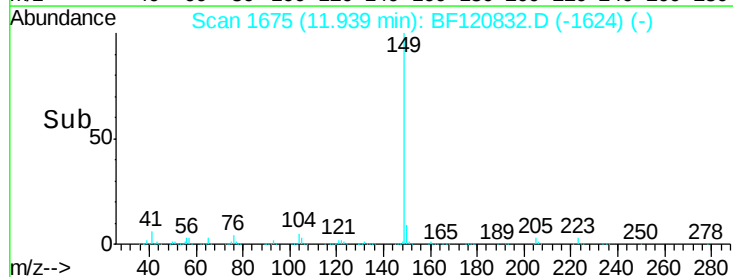
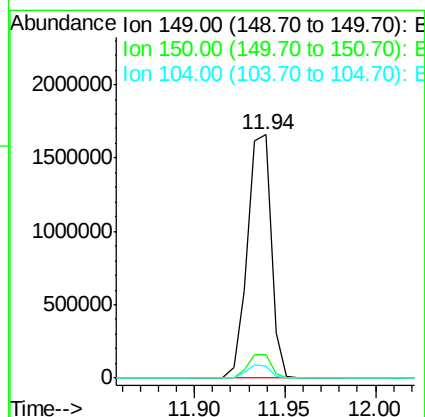
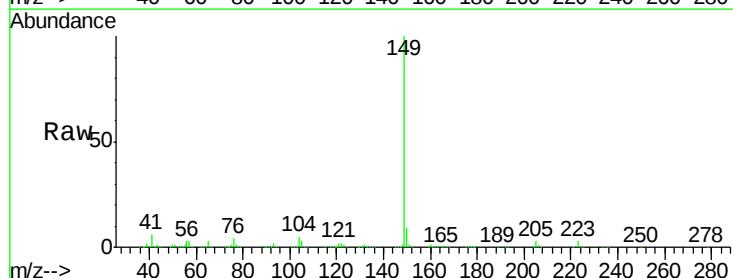
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#74
 Di-n-butylphthalate
 Concen: 44.172 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 45.052 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

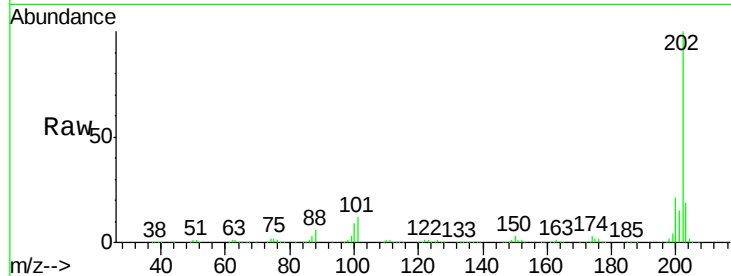
ClientSampleId :

PB130117BSD

Tot Ion:	202	Resp:	1362431
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	31.6
203	18.5	0.0	38.2

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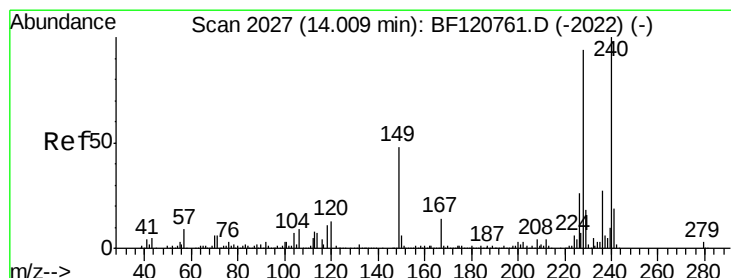
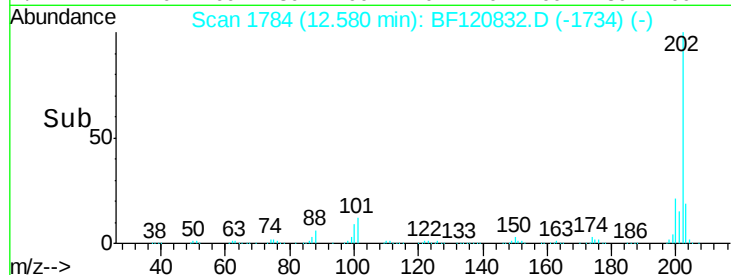
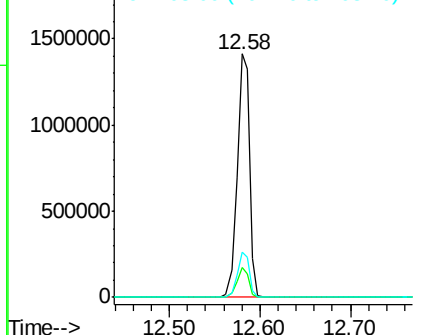
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF120832.D

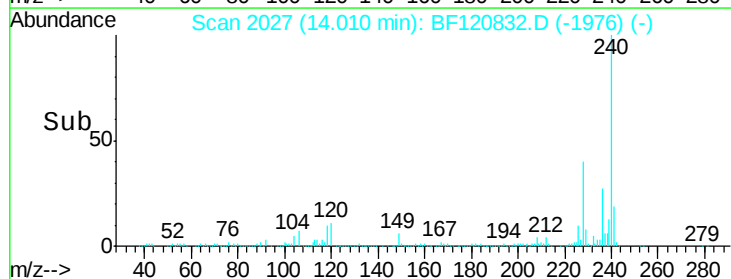
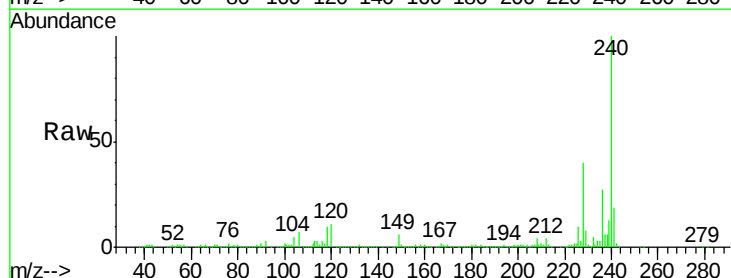
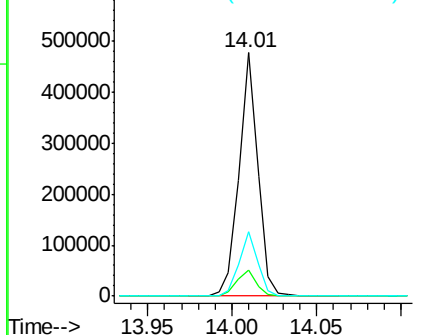
Acq: 10 Jul 2020 15:31

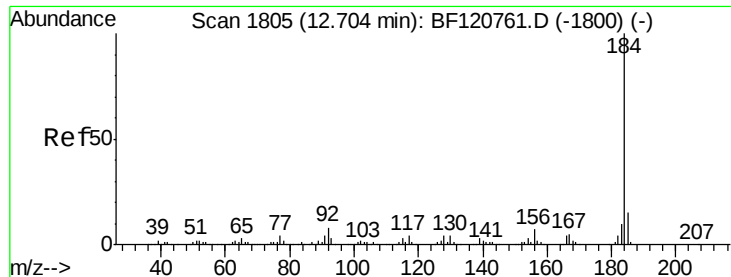
Tgt Ion:	240	Resp:	368375
Ion Ratio	Lower	Upper	
240	100		
120	10.9	10.3	15.5
236	26.7	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.058 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

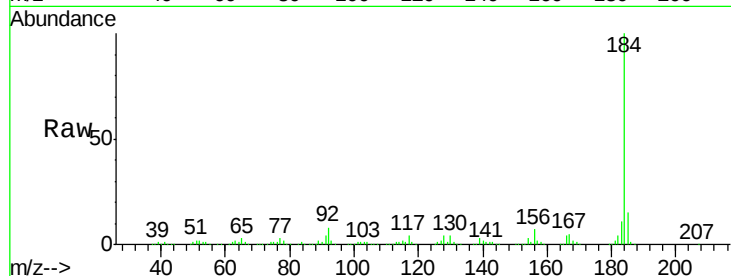
ClientSampleId :

PB130117BSD

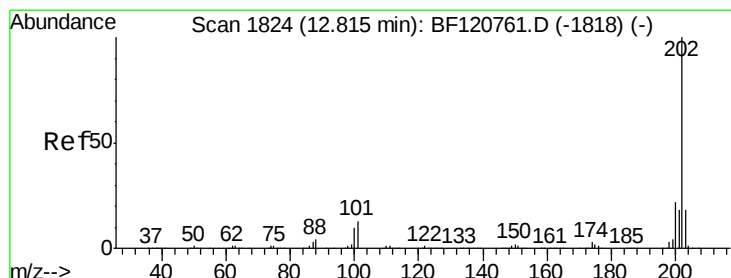
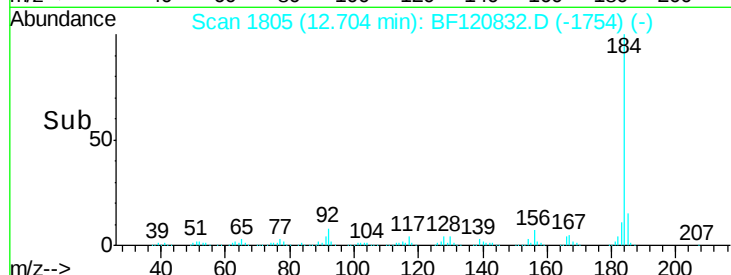
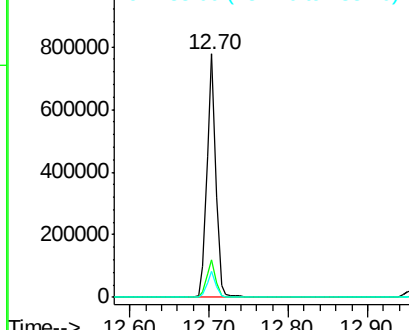
Tot Ion:	184	Resp:	614063
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	10.9	8.3	12.5

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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: 46.764 ng

RT: 12.81 min Scan# 1823

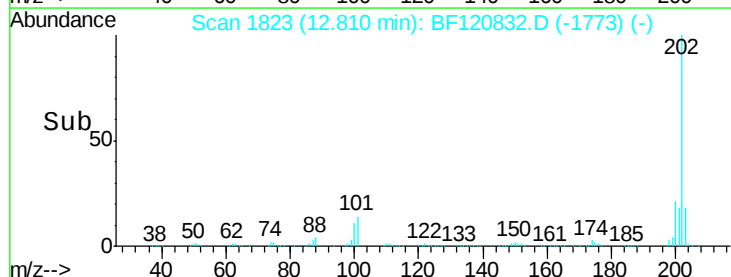
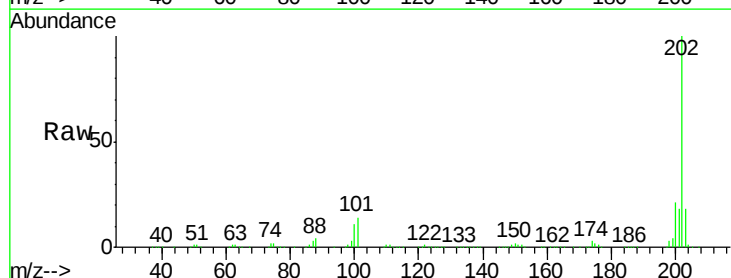
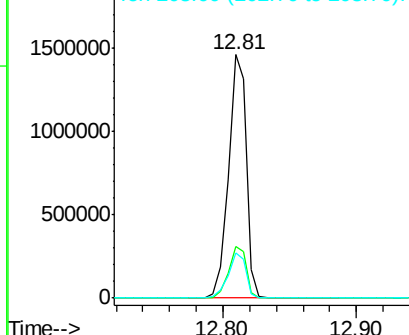
Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Tgt Ion:	202	Resp:	1375819
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.3	25.9
203	18.4	14.6	22.0

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





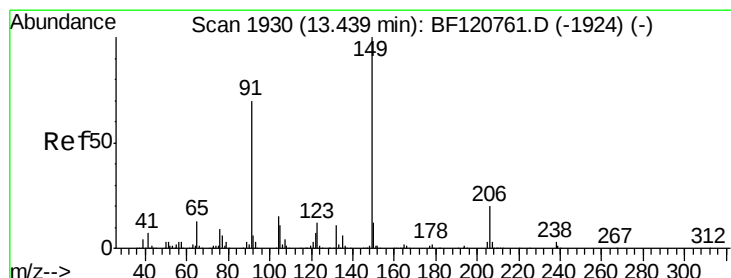
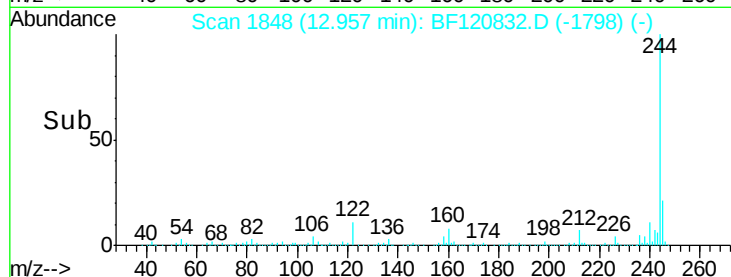
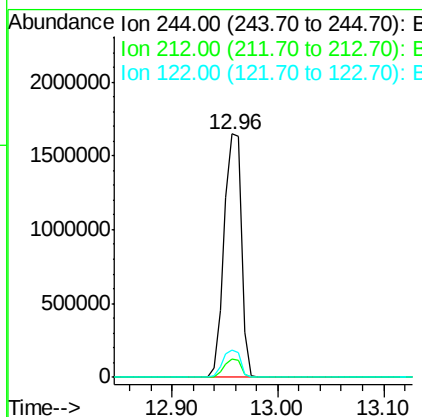
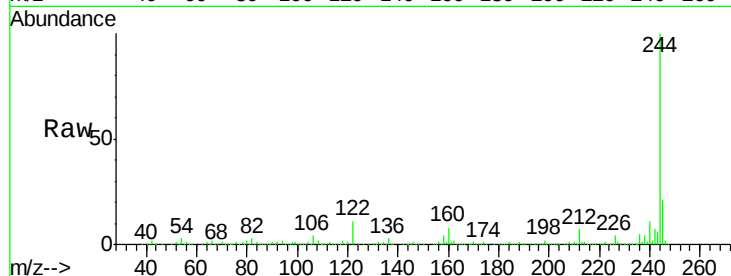
#79
 Terphenyl-d14
 Concen: 100.468 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.1	9.0	13.4

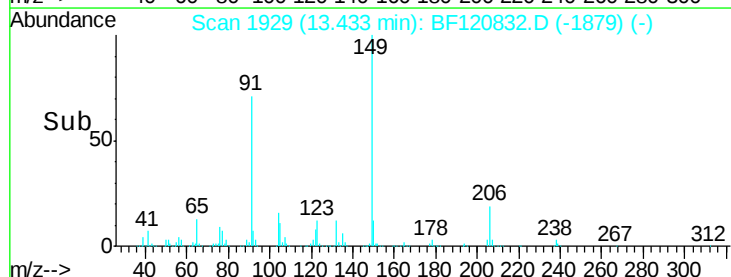
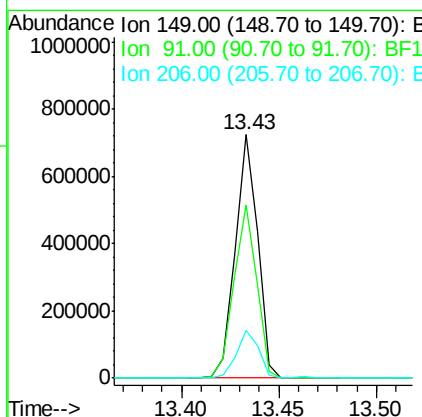
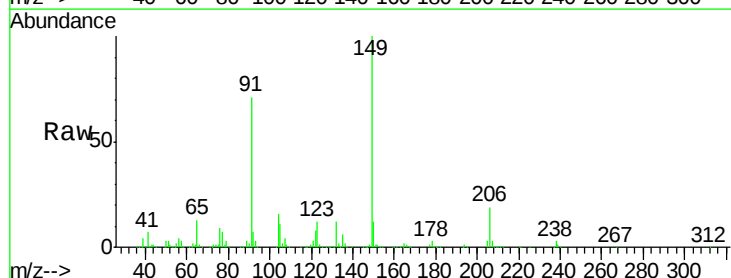
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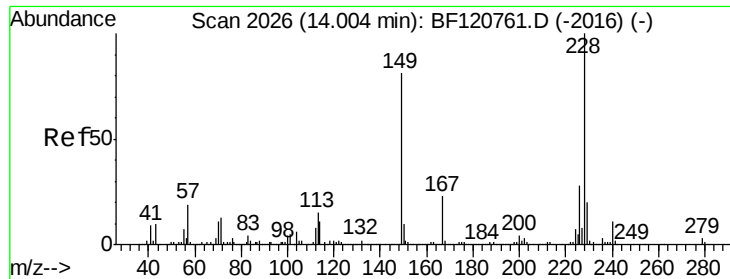
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#80
 Butylbenzylphthalate
 Concen: 45.257 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120832.D
 Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	55.8	83.8
206	19.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 44.331 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB130117BSD

Tot Ion:228 Resp: 1046807

Ion Ratio Lower Upper

228 100

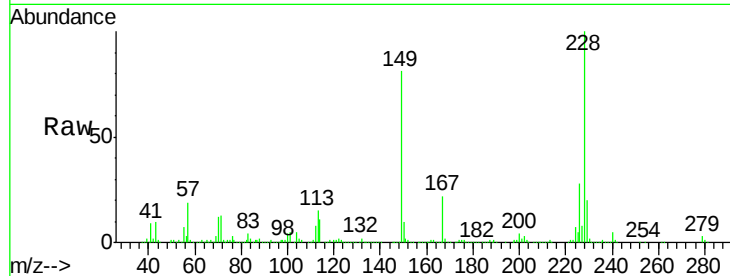
226 28.5 22.6 33.8

229 20.4 15.8 23.6

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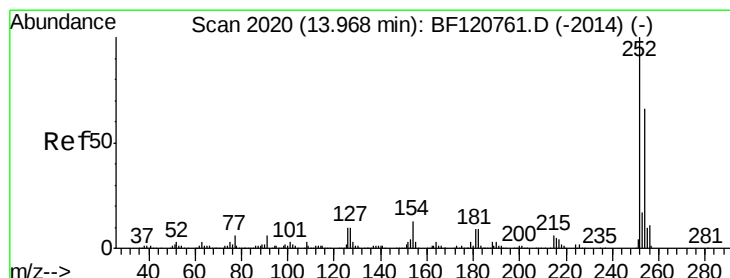
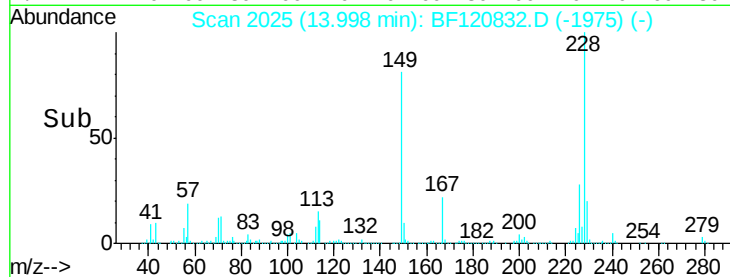
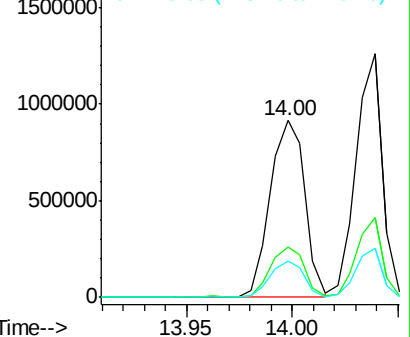
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.480 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120832.D

Acq: 10 Jul 2020 15:31

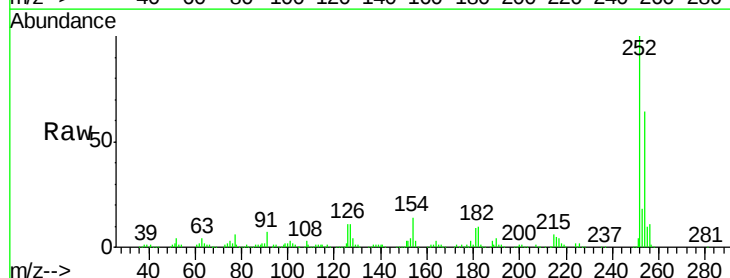
Tgt Ion:252 Resp: 258826

Ion Ratio Lower Upper

252 100

254 63.9 52.6 78.8

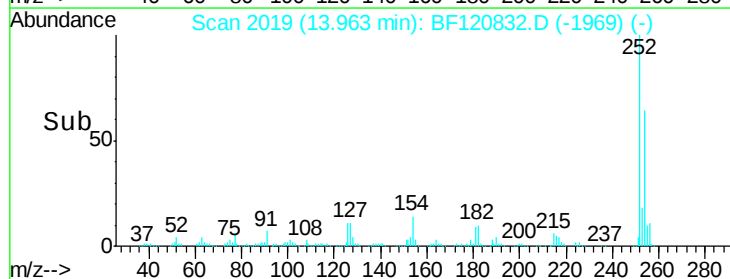
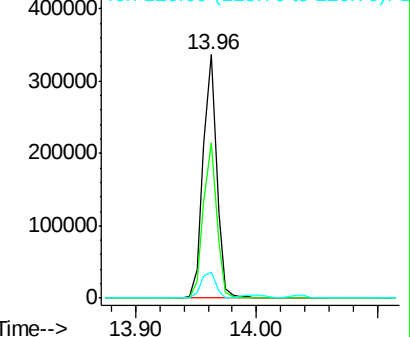
126 10.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





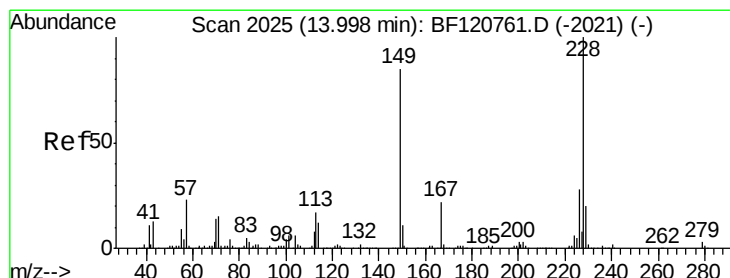
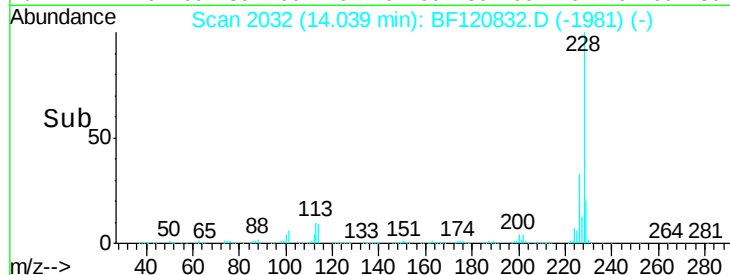
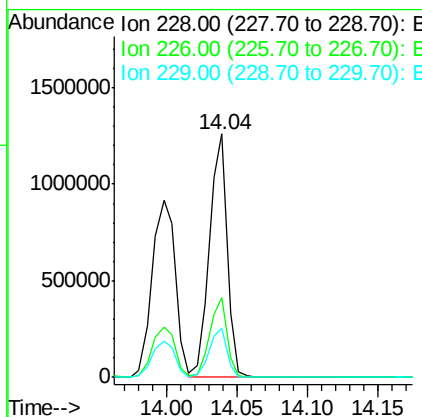
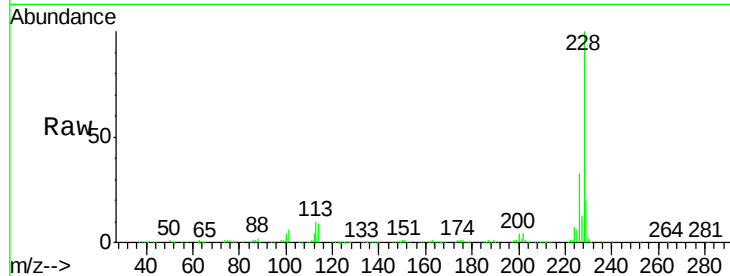
#83
Chrysene
Concen: 45.556 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion:228 Resp: 1097276
Ion Ratio Lower Upper
228 100
226 32.5 25.7 38.5
229 20.3 16.3 24.5

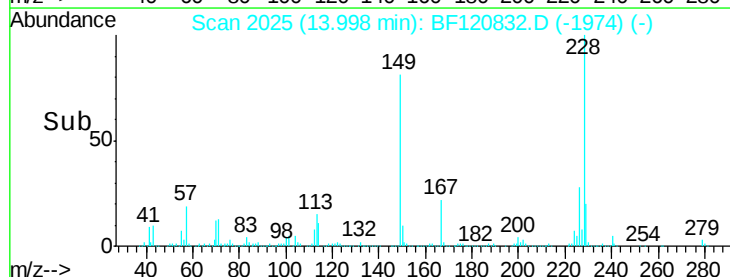
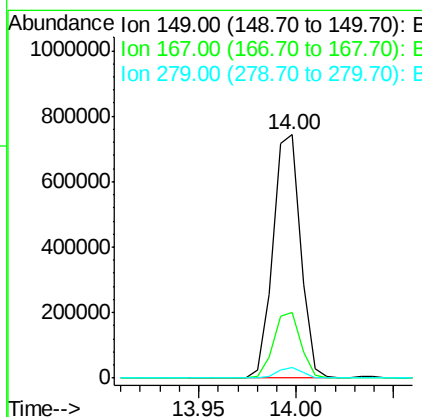
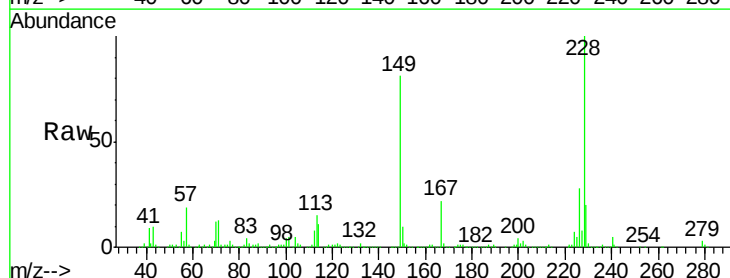
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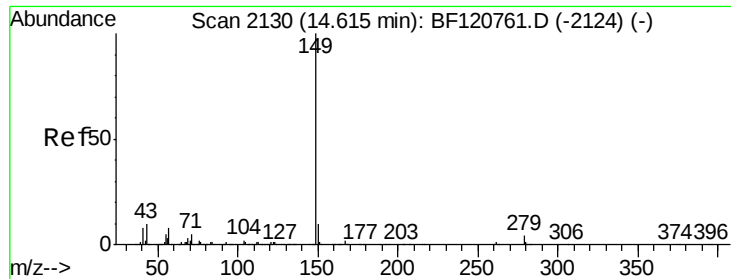
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.808 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion:149 Resp: 729693
Ion Ratio Lower Upper
149 100
167 26.8 20.9 31.3
279 4.3 2.6 4.0#





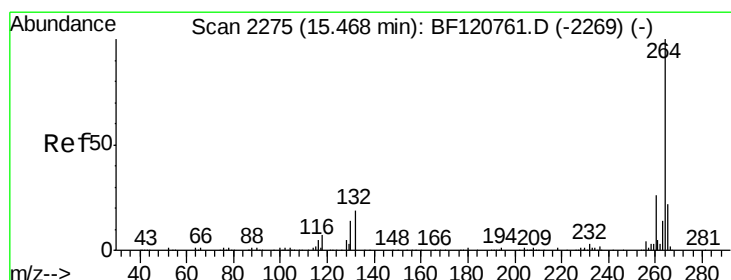
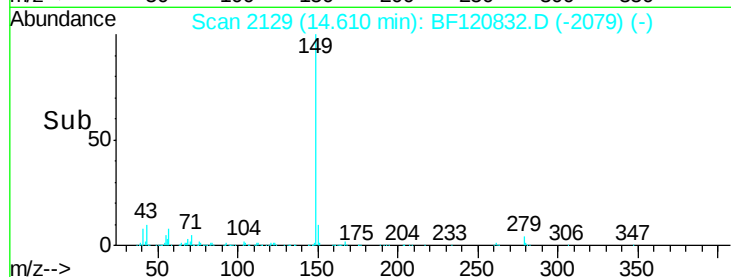
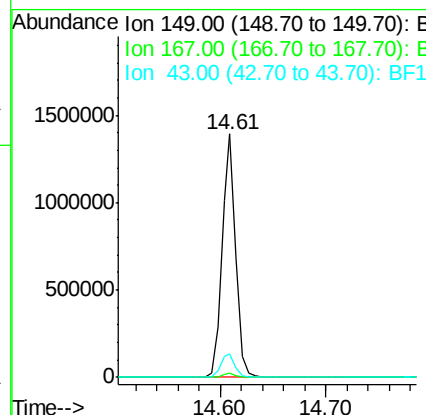
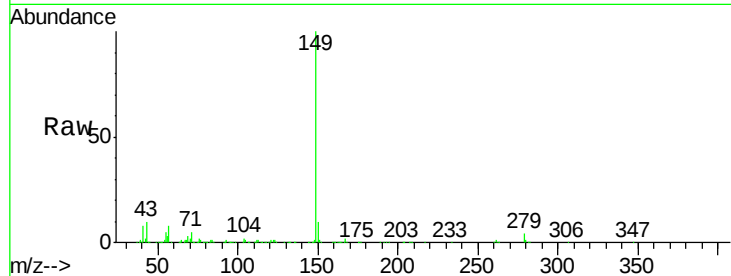
#85
Di-n-octyl phthalate
Concen: 42.906 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.7	13.1

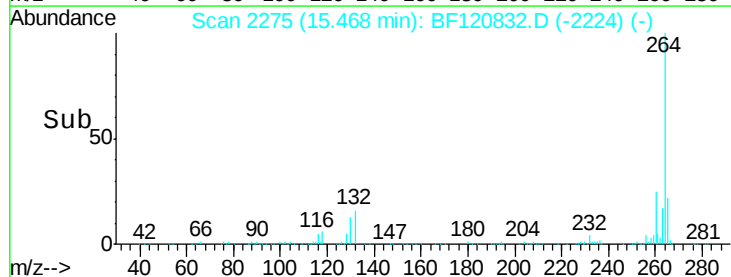
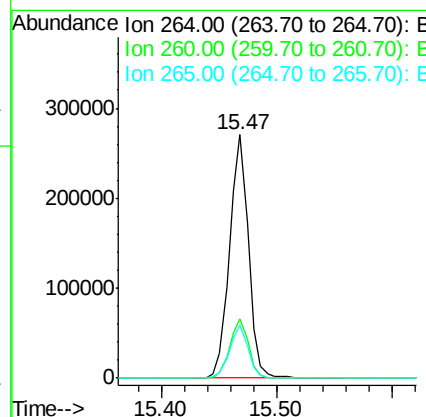
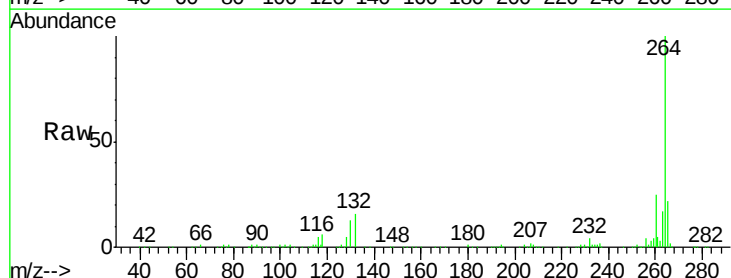
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	21.6	17.6	26.4





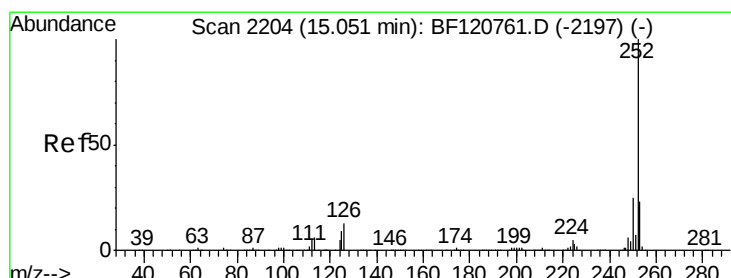
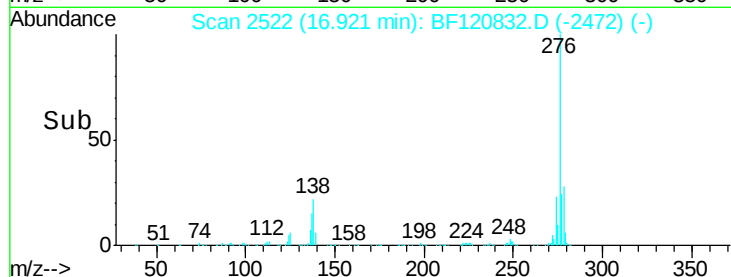
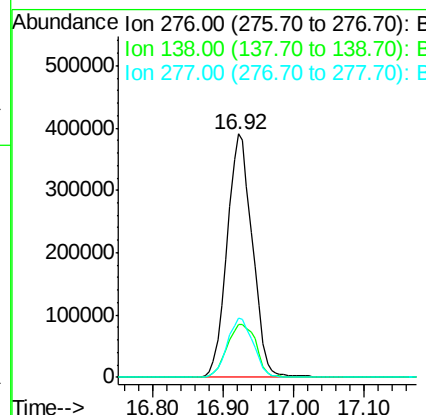
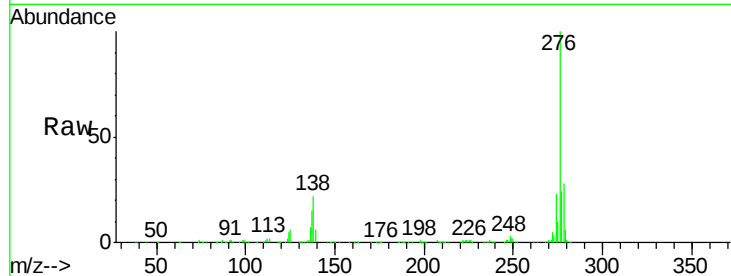
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.626 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.8
277	25.0	19.9	29.9

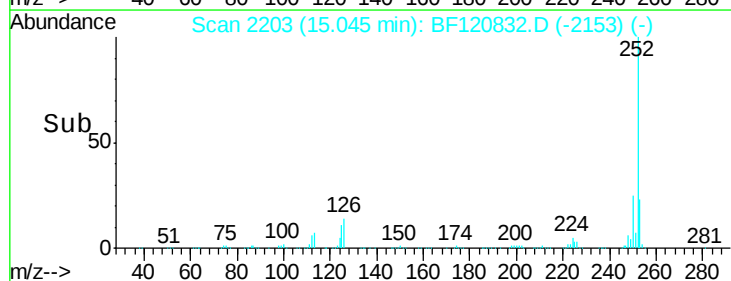
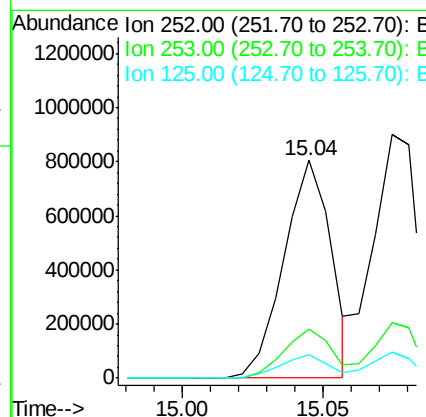
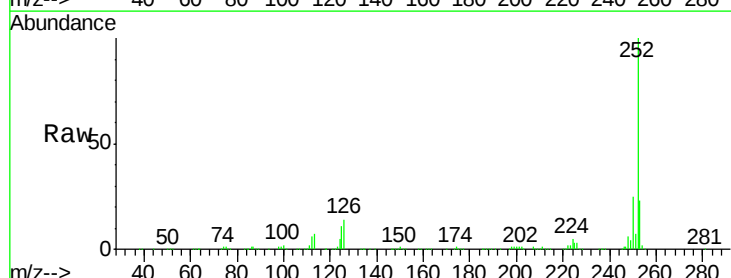
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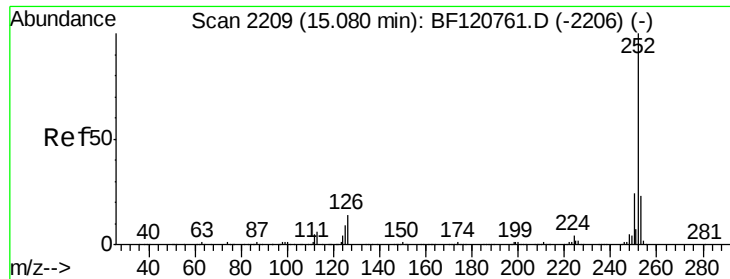
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.494 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	7.5	11.3





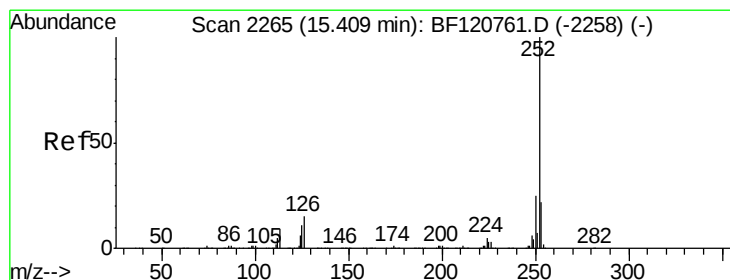
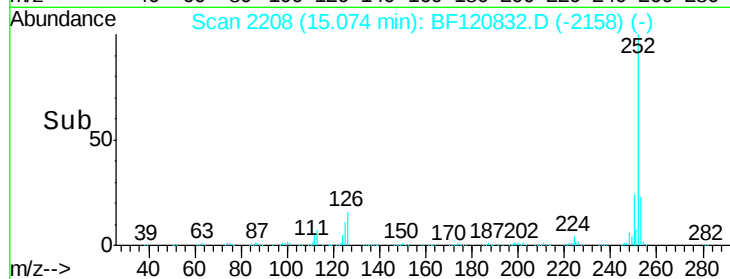
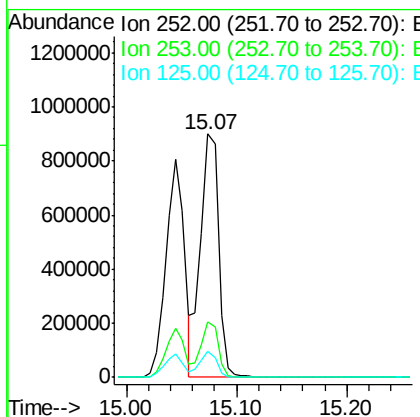
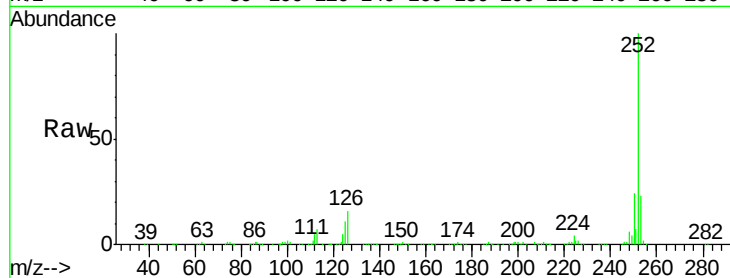
#89
Benzo(k)fluoranthene
Concen: 51.078 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.9	7.6	11.4

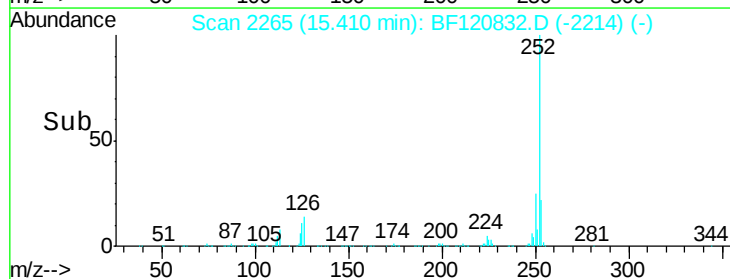
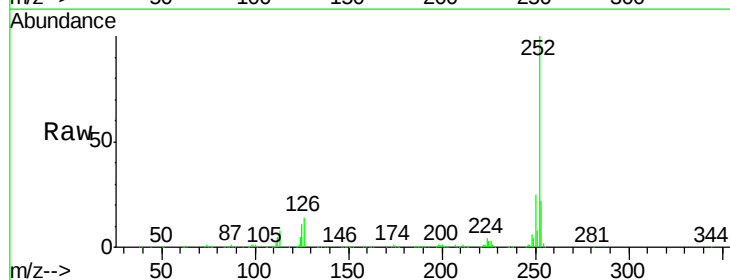
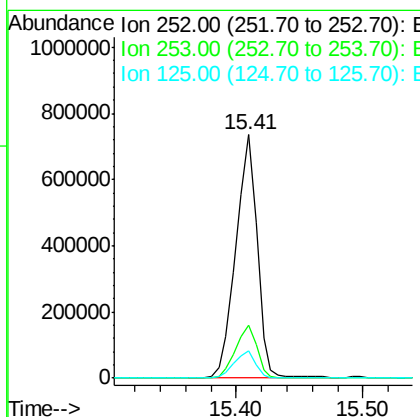
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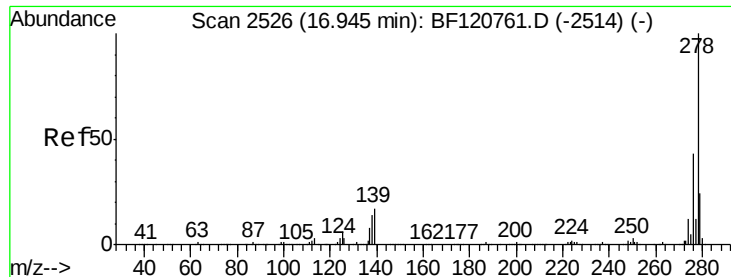
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#90
Benzo(a)pyrene
Concen: 47.775 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.2	9.2	13.8





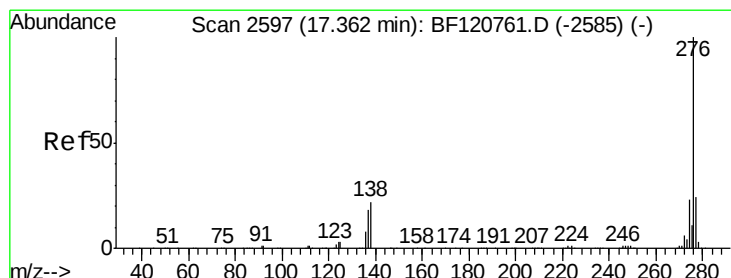
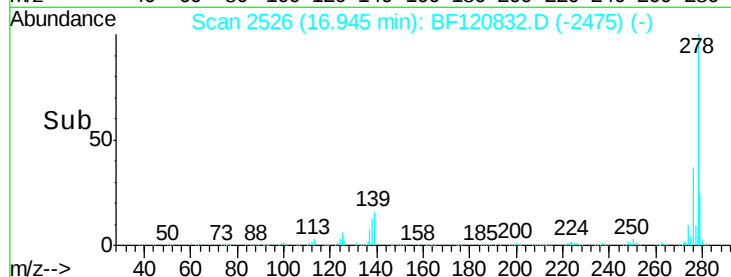
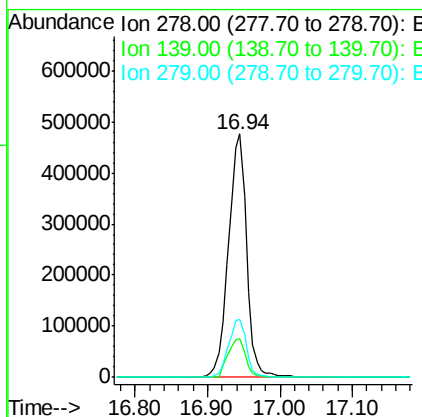
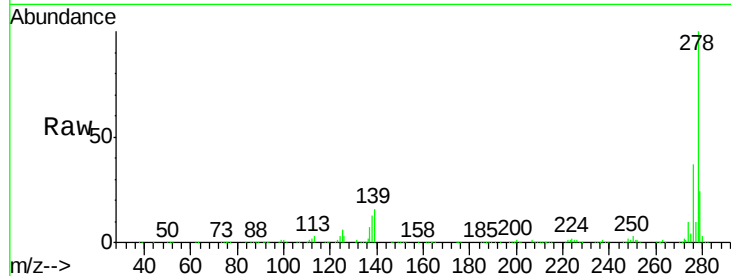
#91
Dibenzo(a,h)anthracene
Concen: 50.910 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB130117BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.3	19.9
279	23.8	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 50.520 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BF120832.D
Acq: 10 Jul 2020 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.2	17.4	26.2

