

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120950.D
 Acq On : 21 Jul 2020 11:05
 Operator : JU/CG
 Sample : PB130301BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:09:42 PM

Quant Time: Jul 21 12:19:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	193048	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	746652	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	385576	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	728252	20.00	ng	0.00
76) Chrysene-d12	13.98	240	550474	20.00	ng	0.00
86) Perylene-d12	15.42	264	558355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1405116	119.32	ng	0.02
7) Phenol-d6	6.46	99	1748178	114.93	ng	0.01
23) Nitrobenzene-d5	7.38	82	1129605	87.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	525875	124.60	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2011159	77.88	ng	0.00
79) Terphenyl-d14	12.93	244	2178559	86.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	214539	39.586	ng	99
3) Pyridine	3.37	79	588083	40.790	ng	99
4) n-Nitrosodimethylamine	3.32	42	267380	43.371	ng	95
6) Aniline	6.48	93	728452	36.687	ng	98
8) 2-Chlorophenol	6.60	128	589499	45.442	ng	97
9) Benzaldehyde	6.36	77	248887	31.972	ng	100
10) Phenol	6.47	94	675456	40.367	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	551386	42.997	ng	98
12) 1,3-Dichlorobenzene	6.76	146	586753	41.712	ng	99
13) 1,4-Dichlorobenzene	6.83	146	587657	42.013	ng	100
14) 1,2-Dichlorobenzene	6.99	146	545988	41.260	ng	99
15) Benzyl Alcohol	6.96	79	430249	39.996	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770054	41.661	ng	100
17) 2-Methylphenol	7.07	107	462670	40.239	ng	98
18) Hexachloroethane	7.33	117	223032	44.054	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	362719	41.934	ng	99
20) 3+4-Methylphenols	7.23	107	512430	35.034	ng	92
22) Acetophenone	7.23	105	700810	41.822	ng	# 92
24) Nitrobenzene	7.40	77	581833	41.835	ng	98
25) Isophorone	7.65	82	1073052	41.667	ng	100
26) 2-Nitrophenol	7.72	139	310063	46.942	ng	99
27) 2,4-Dimethylphenol	7.76	122	475683	44.356	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	686221	43.652	ng	99
29) 2,4-Dichlorophenol	7.96	162	481555	43.943	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	517497	42.563	ng	100
31) Naphthalene	8.12	128	1579928	41.252	ng	99
32) Benzoic acid	7.89	122	350945	43.594	ng	98
33) 4-Chloroaniline	8.17	127	595417	34.850	ng	100
34) Hexachlorobutadiene	8.24	225	299670	41.810	ng	99
35) Caprolactam	8.55	113	151368m	43.072	ng	
36) 4-Chloro-3-methylphenol	8.66	107	499154	44.412	ng	99
37) 2-Methylnaphthalene	8.82	142	1081654	43.495	ng	99
38) 1-Methylnaphthalene	8.92	142	1025798	43.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461296	41.062	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	516526	83.192	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	363475	45.953	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	364648	40.642	nq	98
46) 1,1'-Biphenyl	9.28	154	1254472	42.652	nq	99
47) 2-Chloronaphthalene	9.30	162	996842	41.571	nq	98
48) 2-Nitroaniline	9.40	65	313857	43.310	nq	98
49) Acenaphthylene	9.72	152	1558477	41.835	nq	99
50) Dimethylphthalate	9.58	163	1195244	42.968	nq	98
51) 2,6-Dinitrotoluene	9.64	165	271475	45.426	nq	97
52) Acenaphthene	9.89	154	1098195m	46.368	nq	
53) 3-Nitroaniline	9.81	138	256587	34.233	nq	99
54) 2,4-Dinitrophenol	9.92	184	289182	83.719	nq	89
55) Dibenzofuran	10.06	168	1399859	40.872	nq	99
56) 4-Nitrophenol	9.98	139	481244	84.524	nq	95
57) 2,4-Dinitrotoluene	10.05	165	357020	45.492	nq	95
58) Fluorene	10.40	166	1025227	40.135	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	316755	46.368	nq	98
60) Diethylphthalate	10.28	149	1197920	42.576	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	503094	36.925	nq	99
62) 4-Nitroaniline	10.43	138	296696	40.637	nq	98
63) Azobenzene	10.56	77	1122705	41.914	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192170	45.786	nq	92
66) n-Nitrosodiphenylamine	10.52	169	997265	43.531	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	344918	42.481	nq	92
68) Hexachlorobenzene	10.95	284	385350	43.874	nq	# 92
69) Atrazine	11.05	200	282006	49.704	nq	100
70) Pentachlorophenol	11.15	266	432368	85.929	nq	100
71) Phenanthrene	11.36	178	1556966	41.570	nq	99
72) Anthracene	11.42	178	1608494	42.768	nq	99
73) Carbazole	11.57	167	1524297	40.840	nq	99
74) Di-n-butylphthalate	11.90	149	1783682	41.412	nq	100
75) Fluoranthene	12.55	202	1720468	41.442	nq	98
77) Benzidine	12.67	184	853223	58.953	nq	99
78) Pyrene	12.78	202	1745319	44.845	nq	100
80) Butylbenzylphthalate	13.40	149	790604	45.569	nq	100
81) Benzo(a)anthracene	13.97	228	1380562	41.416	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	544168	43.271	nq	99
83) Chrysene	14.00	228	1457820	41.616	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	918622	42.939	nq	100
85) Di-n-octyl phthalate	14.57	149	1817661	42.705	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1590392	40.956	nq	99
88) Benzo(b)fluoranthene	15.01	252	1577866	46.751	nq	100
89) Benzo(k)fluoranthene	15.04	252	1386694	45.051	nq	99
90) Benzo(a)pyrene	15.37	252	1367155	44.399	nq	100
91) Dibenzo(a,h)anthracene	16.88	278	1316818	41.514	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1280680	40.949	nq	99

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

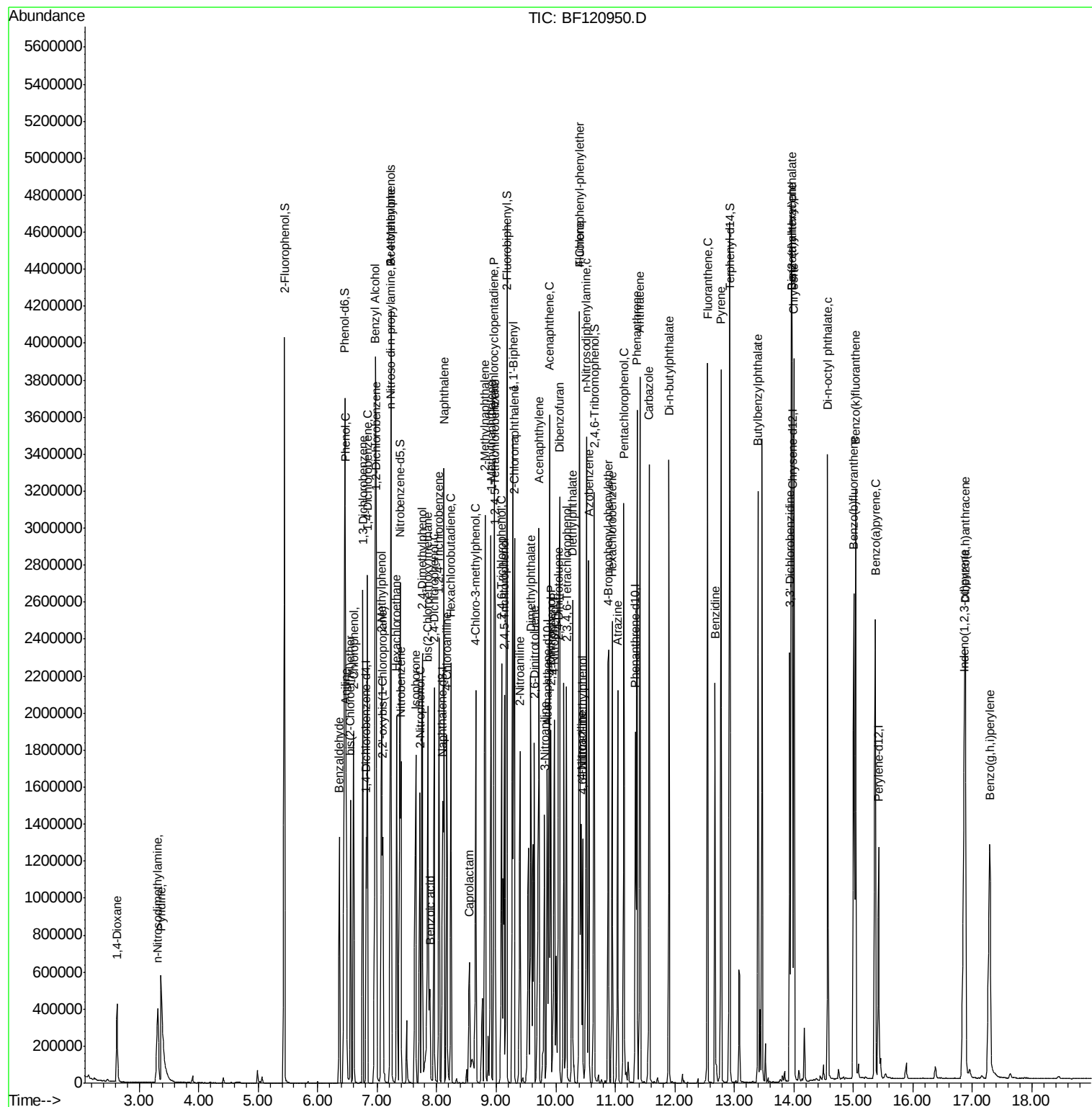
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120950.D
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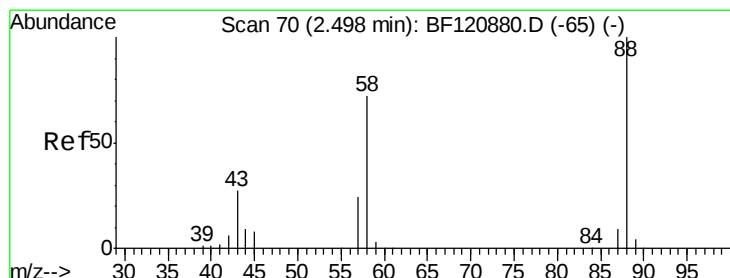
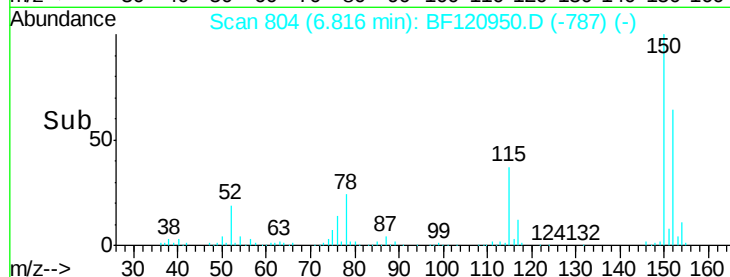
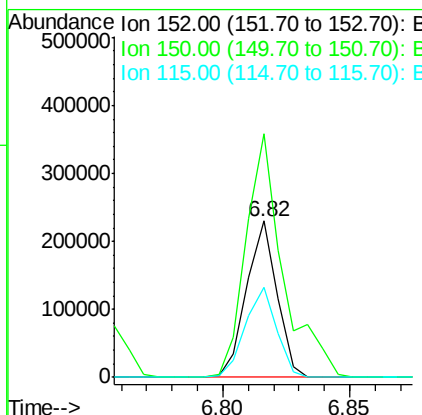
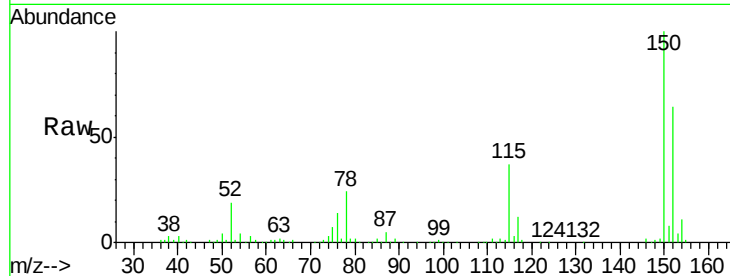
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.0	187.6
115	57.9	47.0	70.4

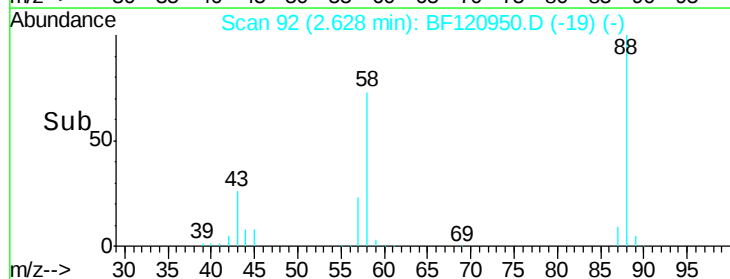
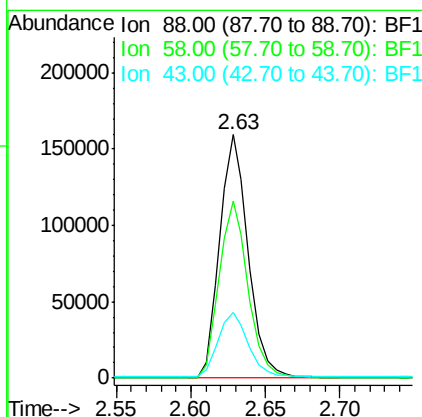
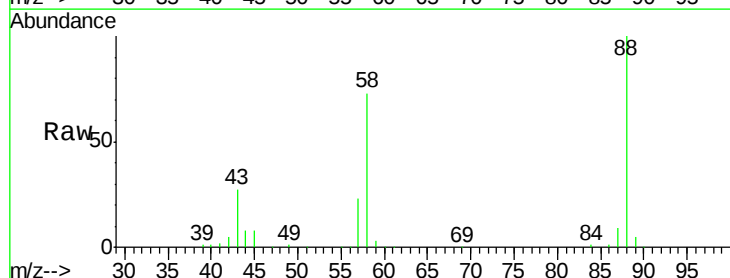
Manual Integrations
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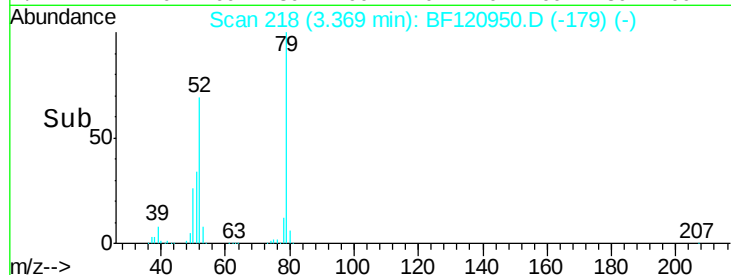
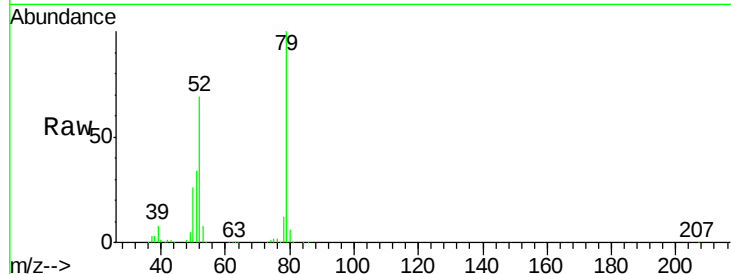
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#2
 1,4-Dioxane
 Concen: 39.586 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.13 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.2	87.2
43	28.0	22.1	33.1





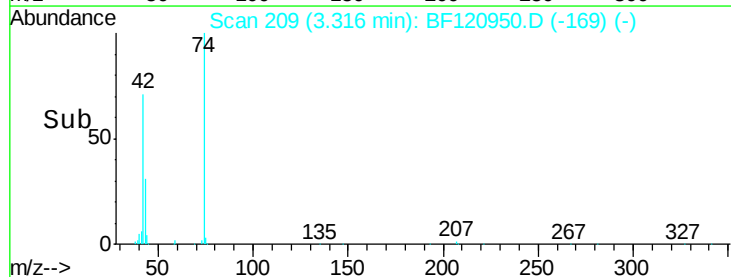
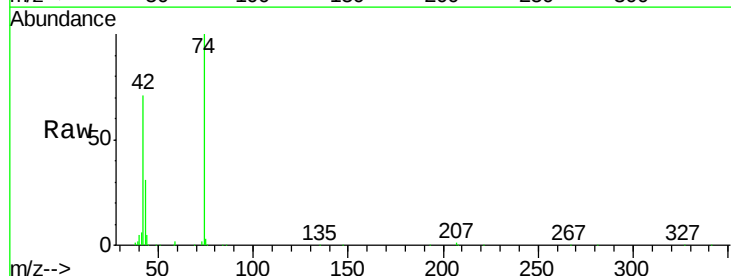
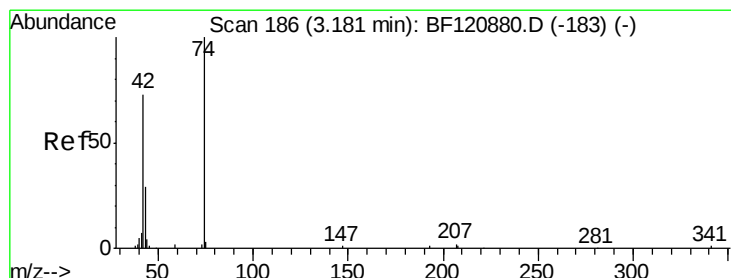
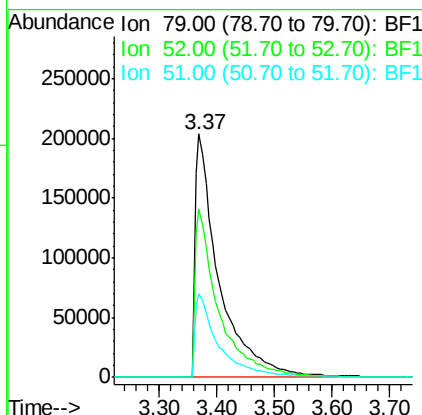
#3
Pvridine
Concen: 40.790 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.13 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.1	55.0	82.6
51	34.1	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

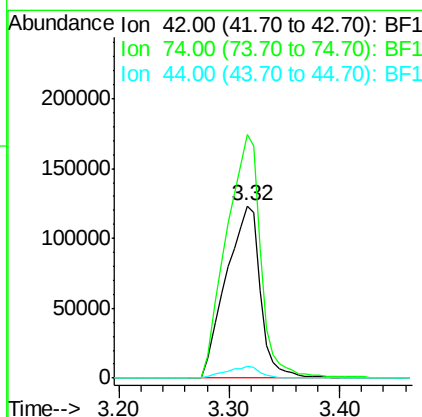
Manual Integrations
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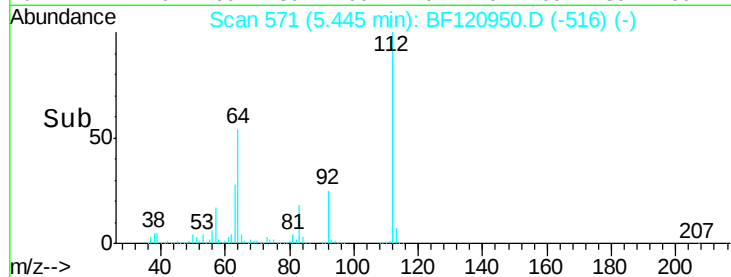
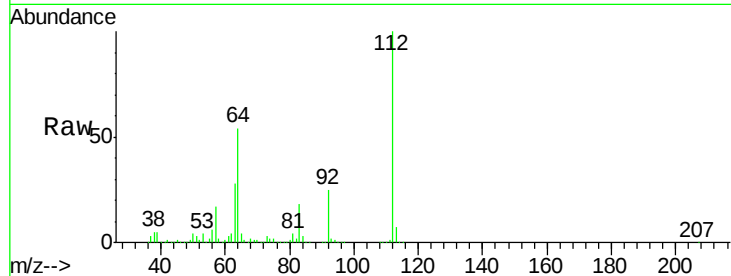
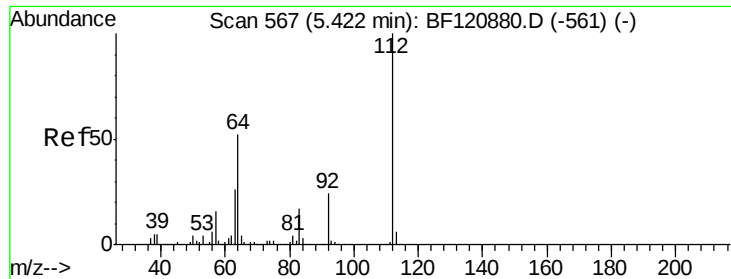
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#4
n-Nitrosodimethylamine
Concen: 43.371 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.14 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 119.322 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		1405116		
64	54.4	41.3	61.9		
63	27.9	21.1	31.7		

Instrument :

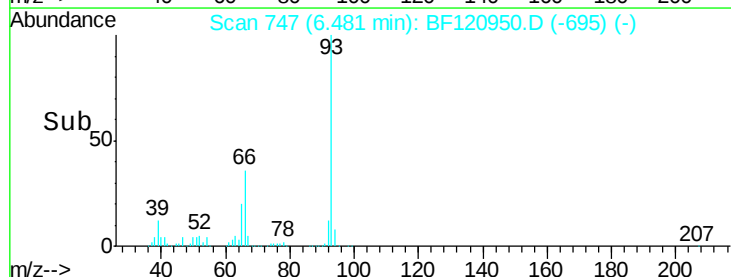
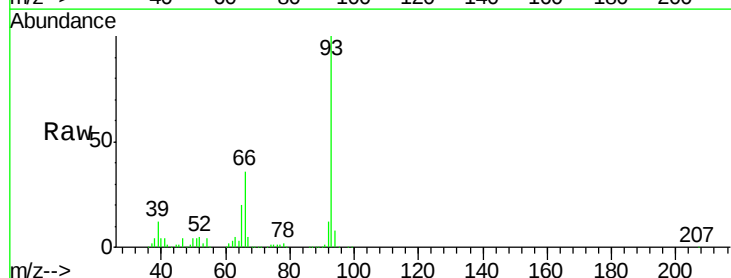
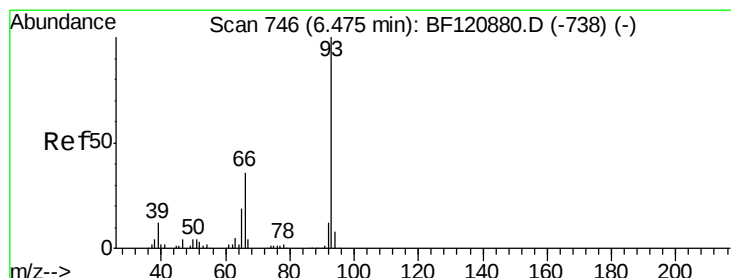
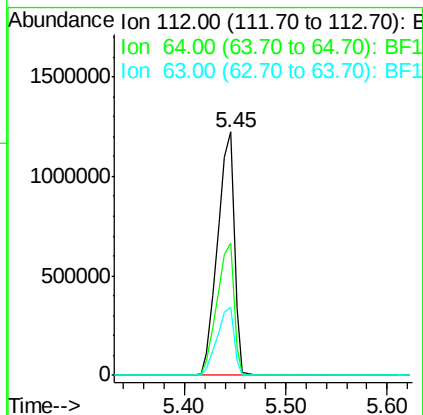
BNA_F

ClientSampleId :

PB130301BSD

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#6

Aniline

Concen: 36.687 ng

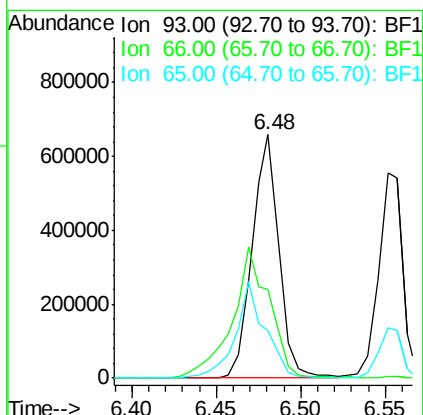
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		728452		
66	36.3	30.2	45.4		
65	19.5	15.8	23.6		





#7

Phenol-d6

Concen: 114.926 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion: 99 Resp: 1748178

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

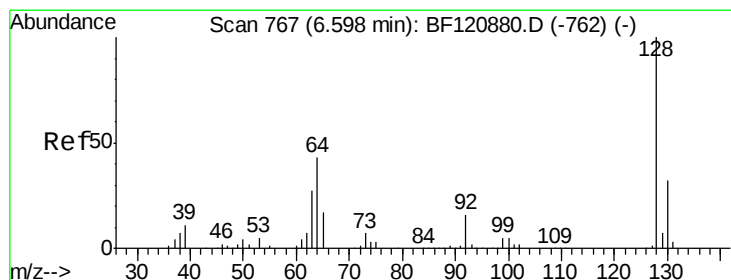
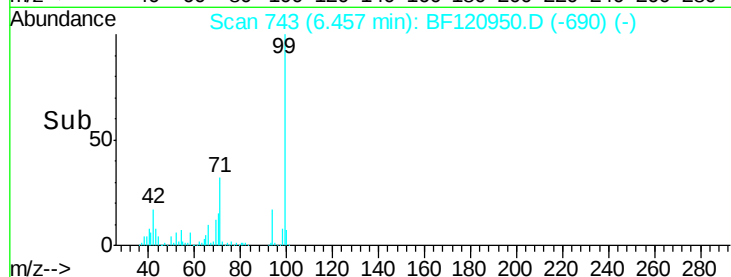
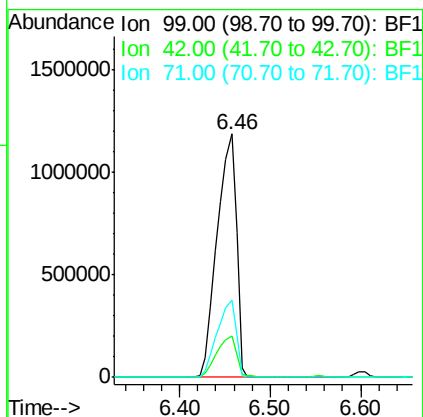
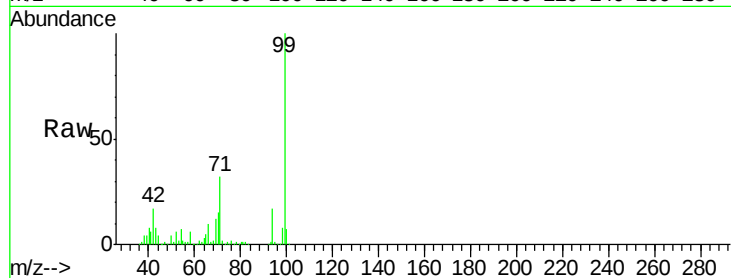
71 31.5 24.2 36.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.442 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

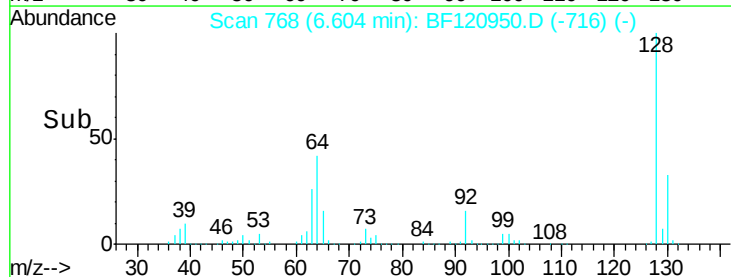
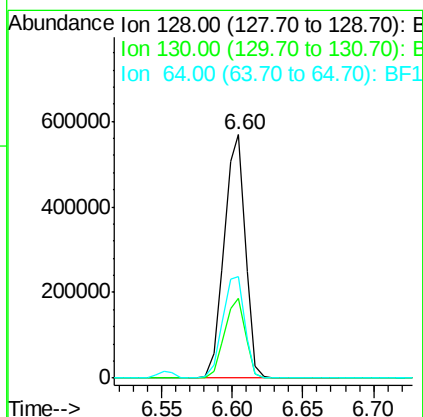
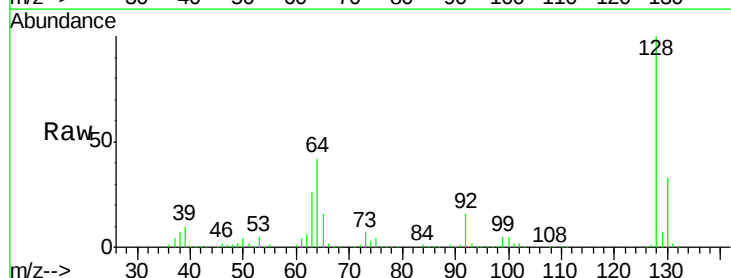
Tgt Ion: 128 Resp: 589499

Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

64 41.7 24.0 64.0





#9

Benzaldehyde

Concen: 31.972 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

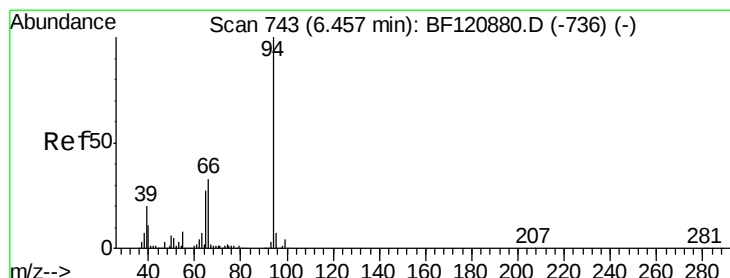
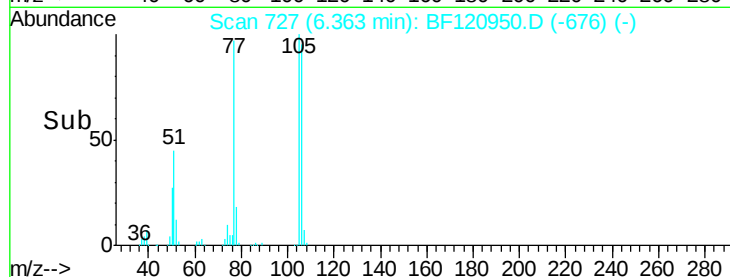
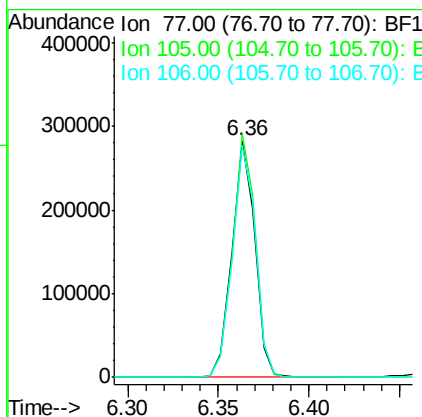
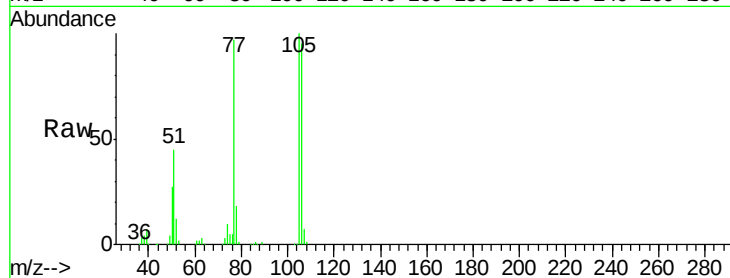
ClientSampleId :

PB130301BSD

Tot Ion:	77	Resp:	248887
Ion Ratio	Lower	Upper	
77	100		
105	103.2	82.5	122.5
106	98.5	78.7	118.7

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#10

Phenol

Concen: 40.367 ng

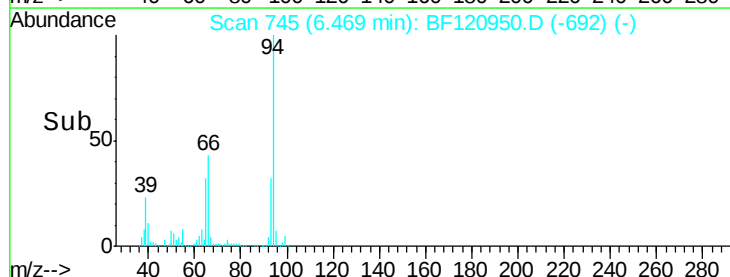
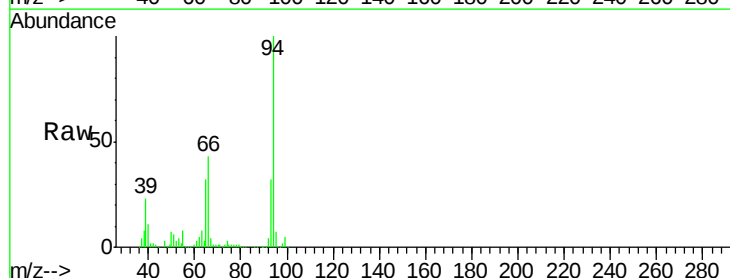
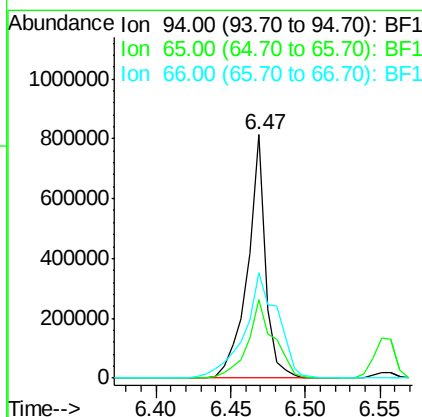
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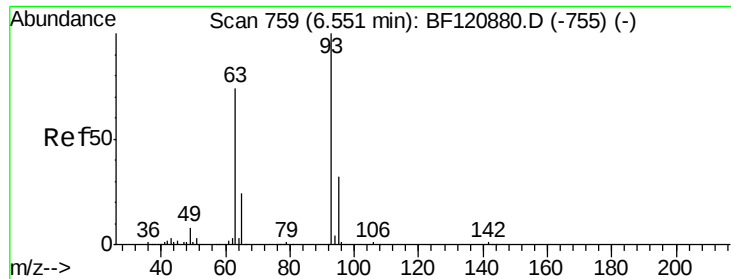
Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	94	Resp:	675456
Ion Ratio	Lower	Upper	
94	100		
65	32.1	6.6	46.6
66	43.4	13.2	53.2





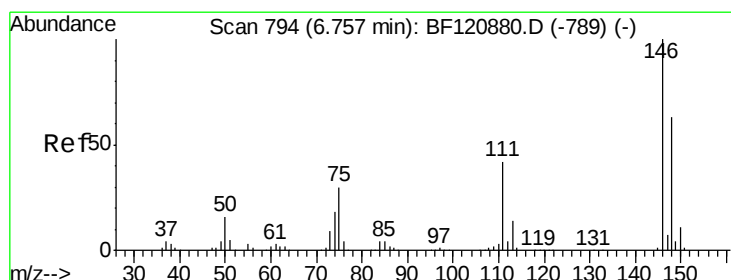
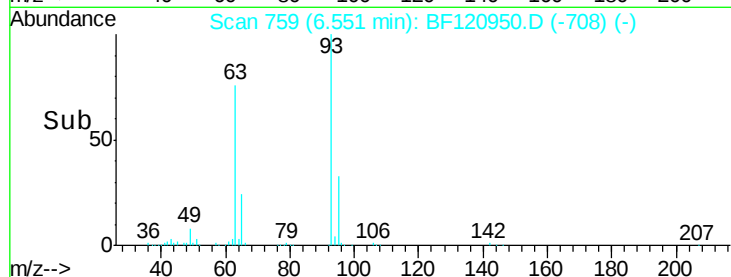
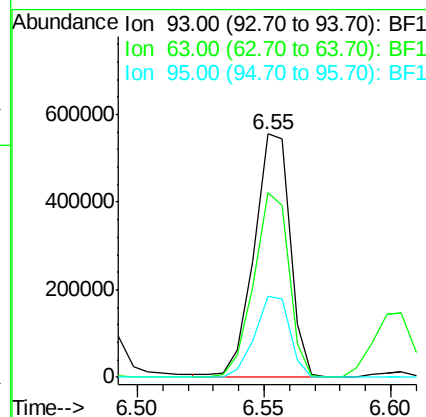
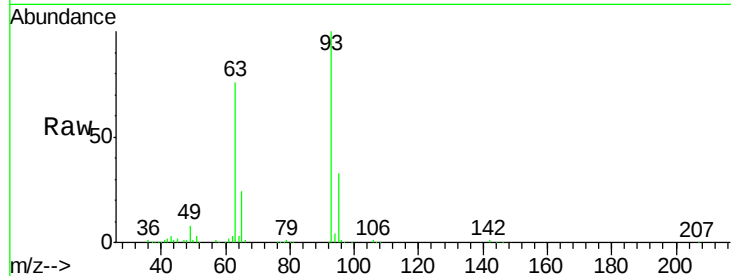
#11
bis(2-Chloroethyl)ether
Concen: 42.997 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:	93	Resp:	551386
Ion Ratio	Lower	Upper	
93	100		
63	75.7	54.2	94.2
95	33.1	12.2	52.2

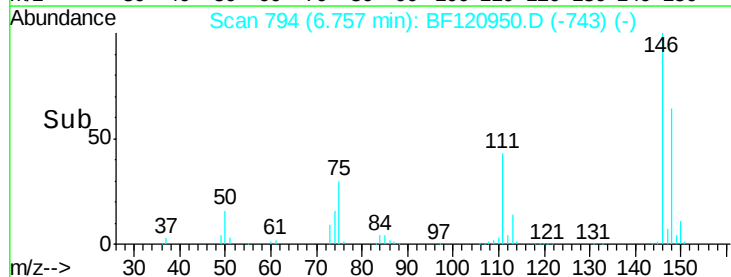
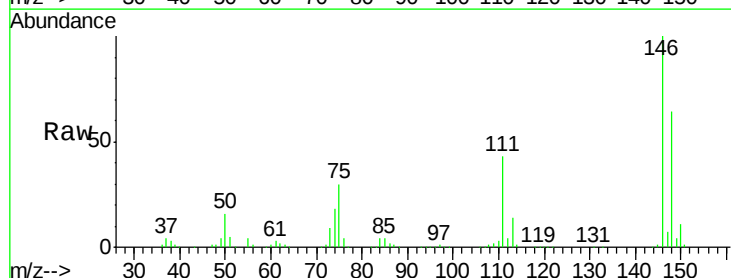
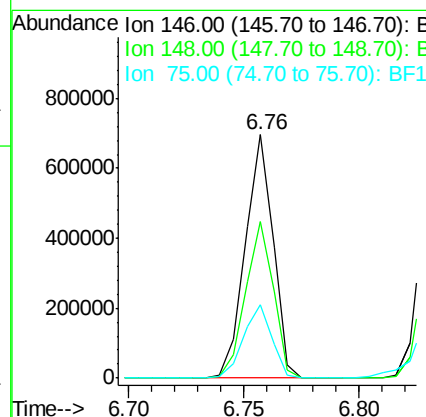
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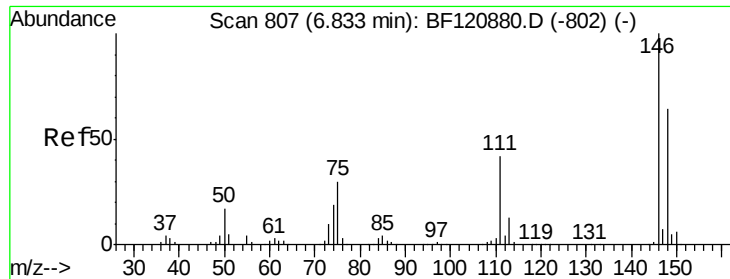
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.712 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:	146	Resp:	586753
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
75	30.4	24.1	36.1





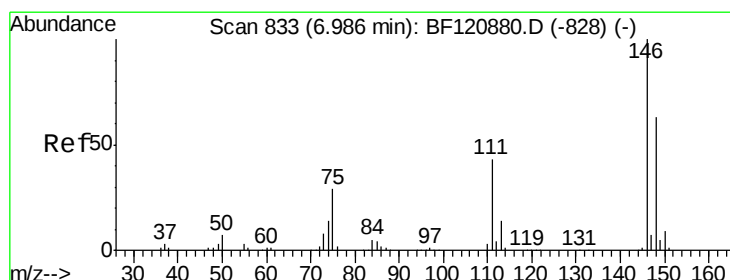
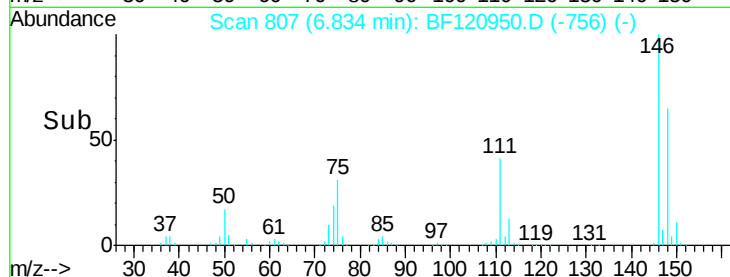
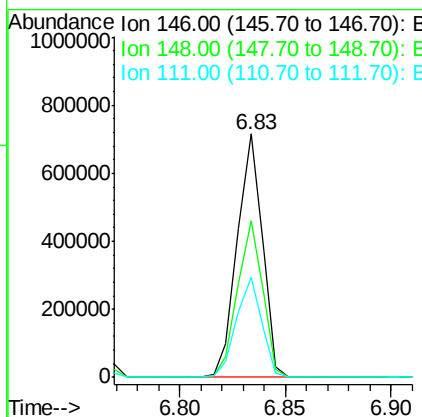
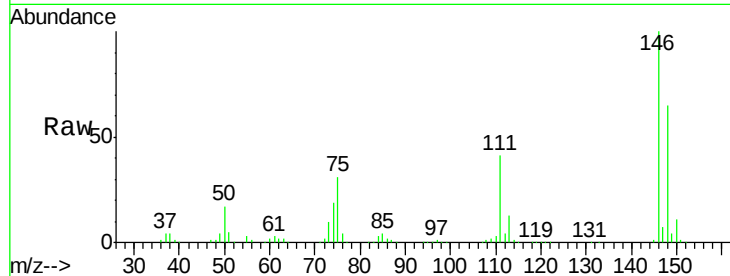
#13
 1,4-Dichlorobenzene
 Concen: 42.013 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.3	33.5	50.3

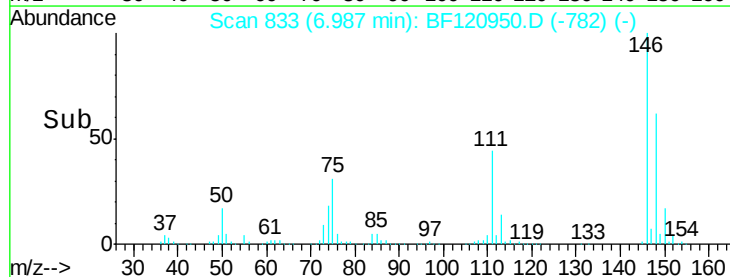
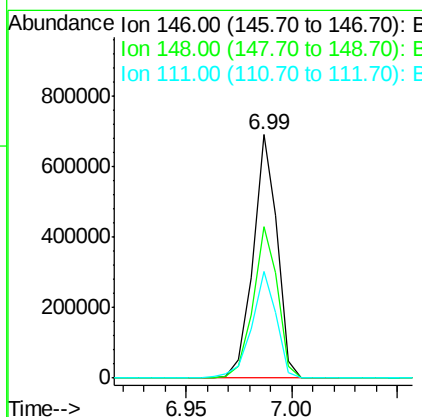
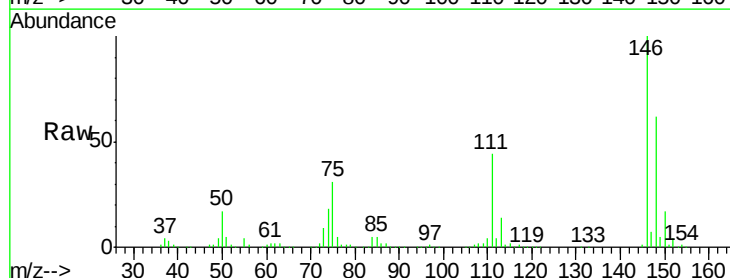
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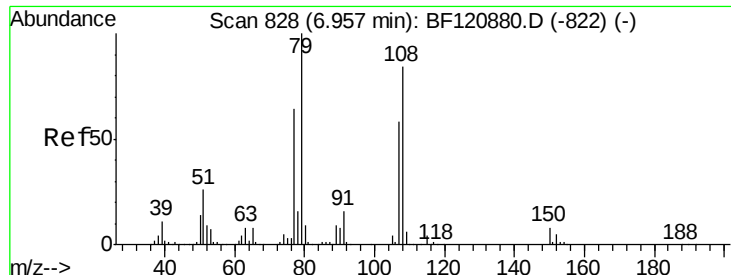
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.260 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	43.6	34.2	51.2





#15

Benzyl Alcohol

Concen: 39.996 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion: 79 Resp: 430249

Ion Ratio Lower Upper

79 100

108 84.8 67.0 100.6

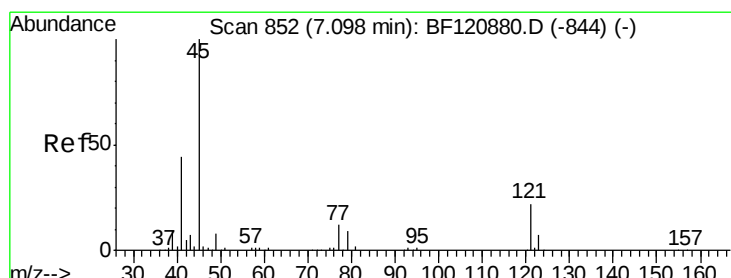
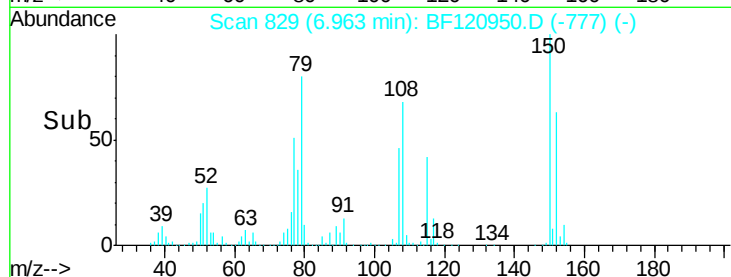
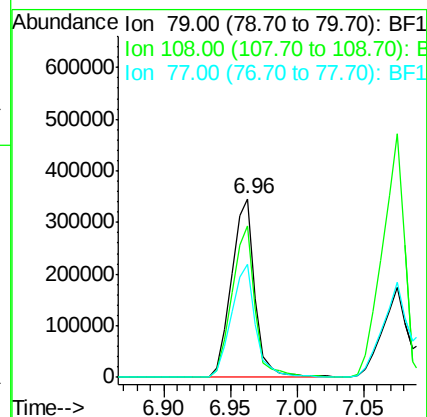
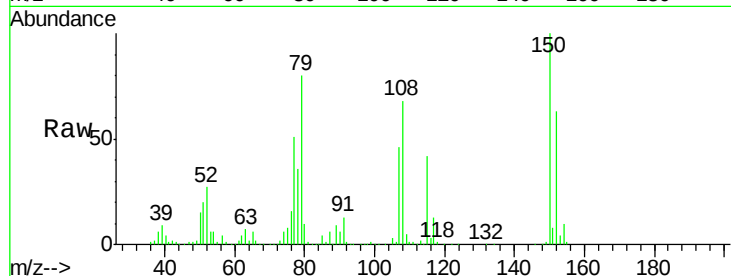
77 63.7 51.0 76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.661 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

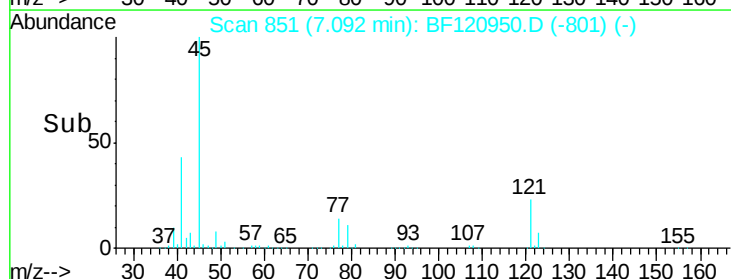
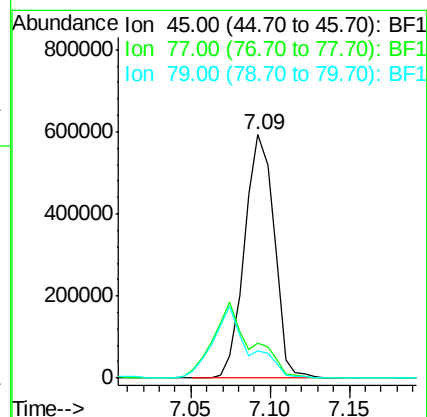
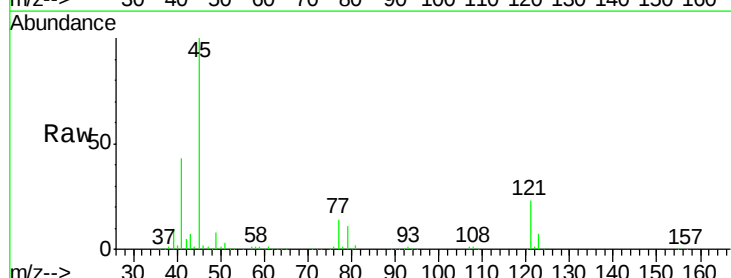
Tgt Ion: 45 Resp: 770054

Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.3

79 11.1 0.0 31.0





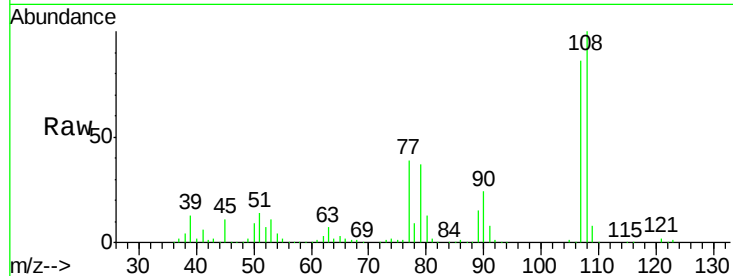
#17
2-Methylphenol
Concen: 40.239 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

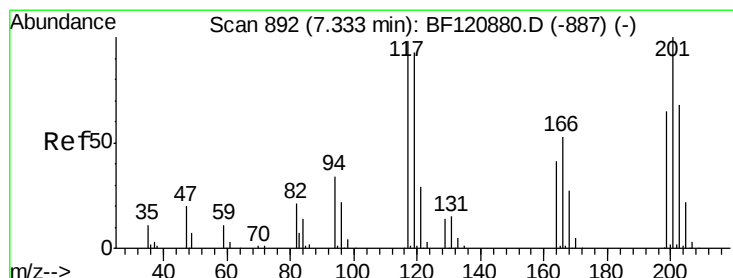
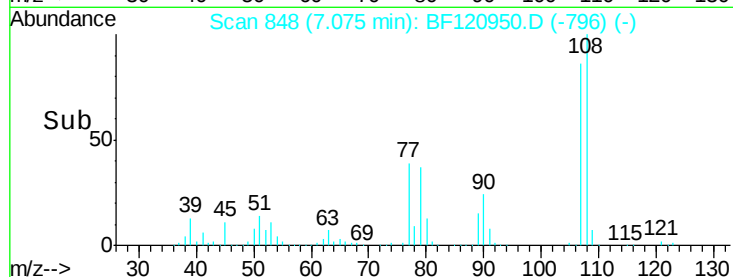
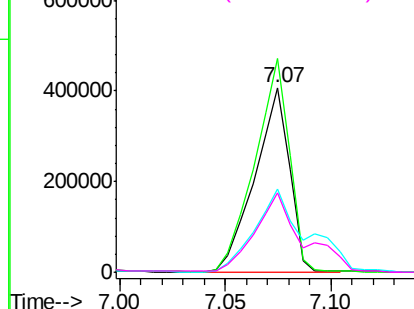
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.0	138.0
77	45.1	34.0	51.0
79	42.9	33.3	49.9

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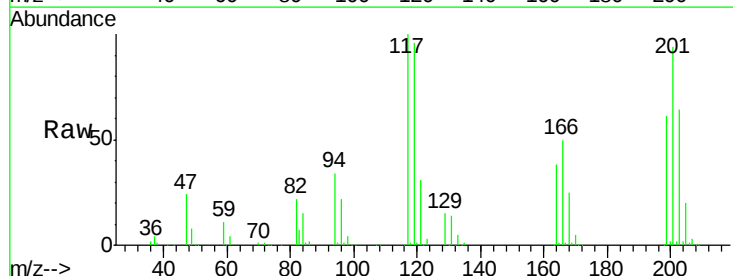


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

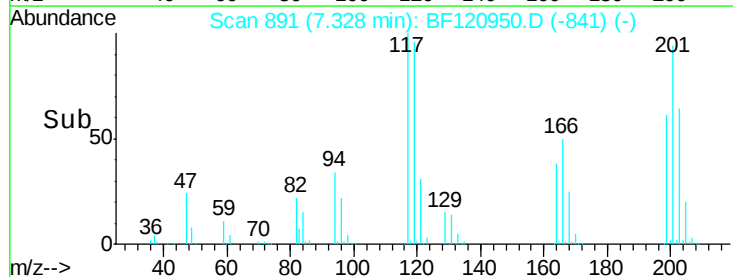
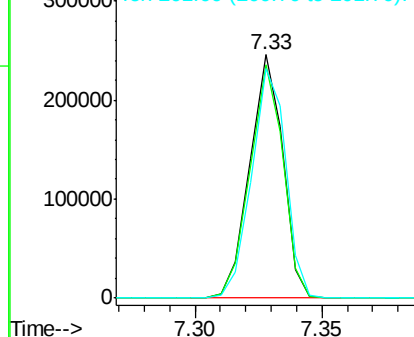


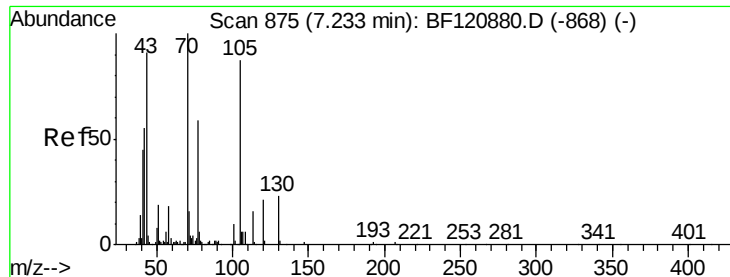
#18
Hexachloroethane
Concen: 44.054 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.0	114.0
201	94.3	81.7	122.5



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





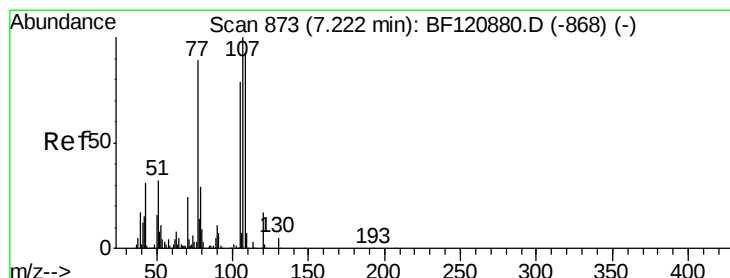
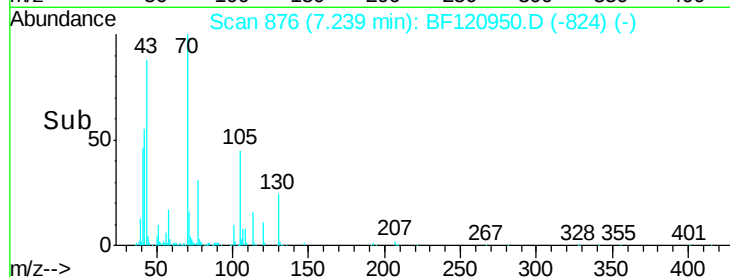
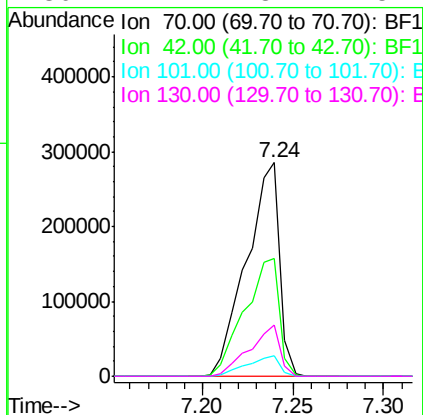
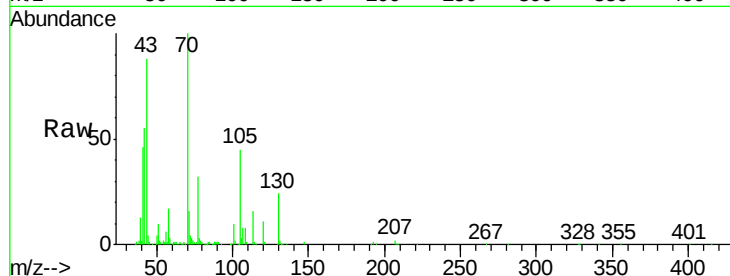
#19
n-Nitroso-di-n-propylamine
Concen: 41.934 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	44.0	66.0	
101	9.7	7.8	11.6	
130	24.1	18.7	28.1	

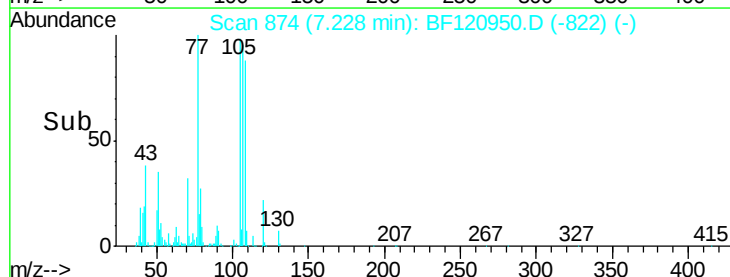
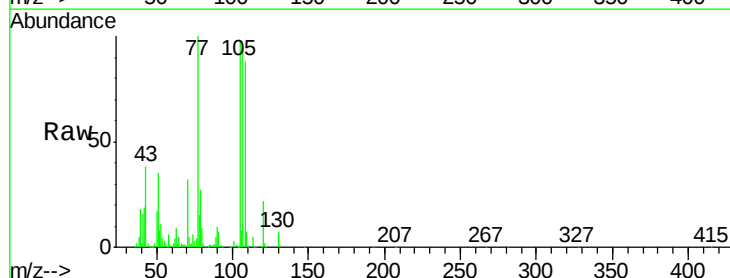
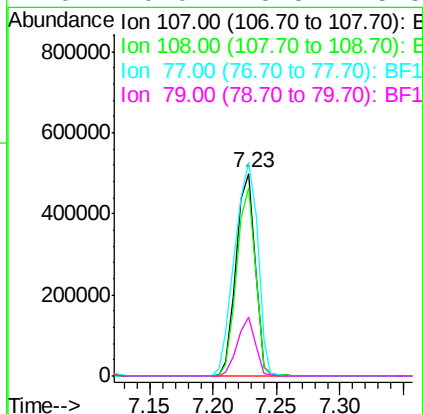
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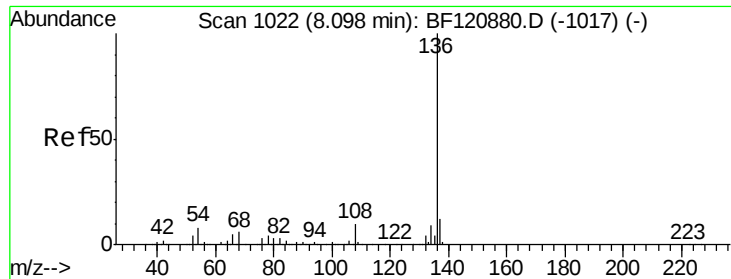
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#20
3+4-Methylphenols
Concen: 35.034 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.1	72.8	112.8	
77	105.6	68.7	108.7	
79	29.0	8.5	48.5	





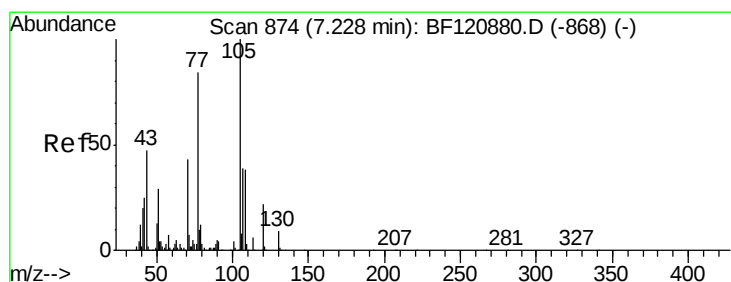
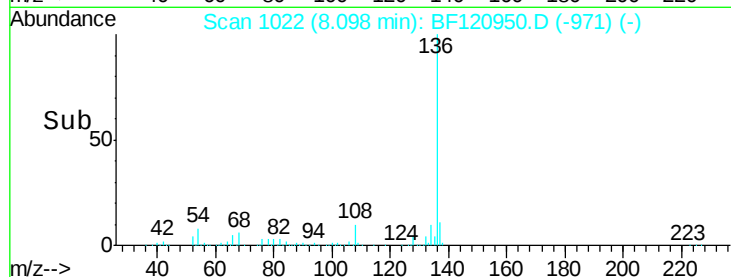
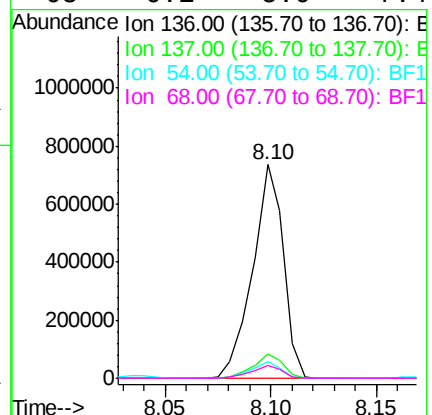
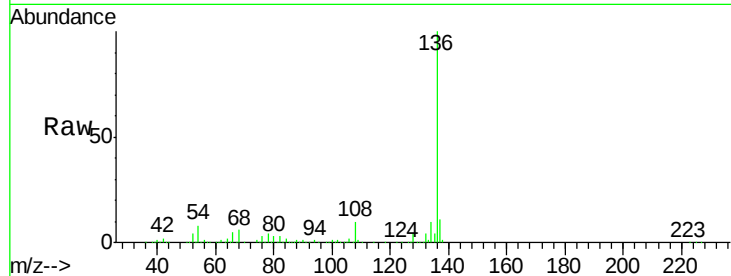
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	746652		
137	11.1	9.3	13.9	
54	7.5	6.3	9.5	
68	6.1	5.0	7.4	

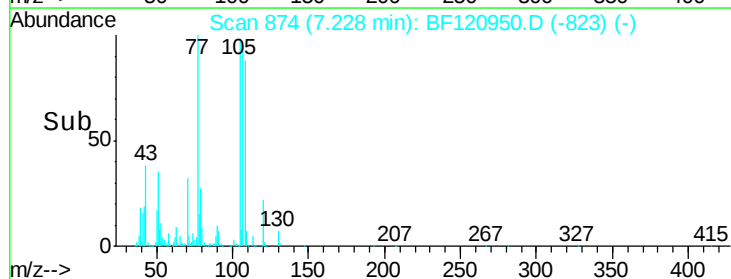
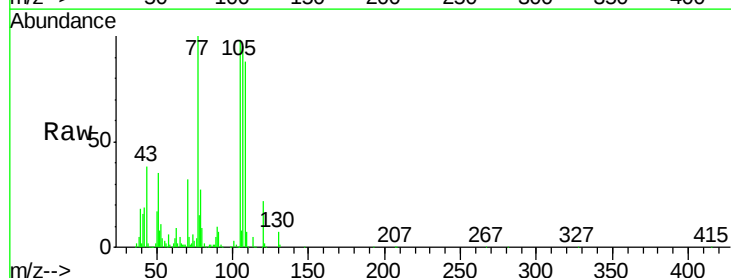
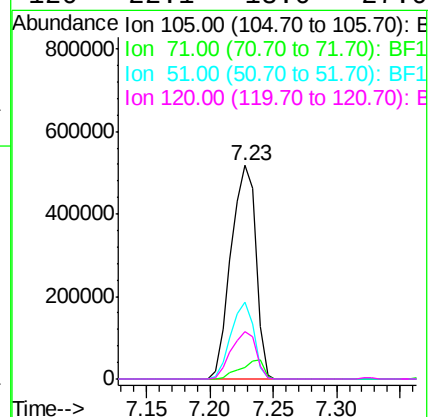
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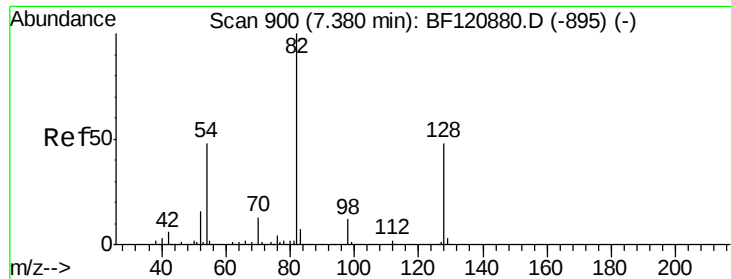
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#22
Acetophenone
Concen: 41.822 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	700810		
71	5.4	5.7	8.5#	
51	35.9	22.9	34.3#	
120	22.1	18.0	27.0	





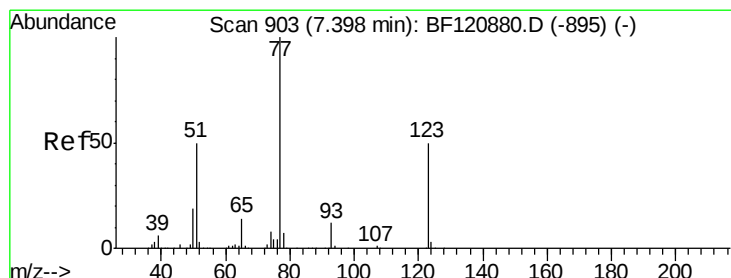
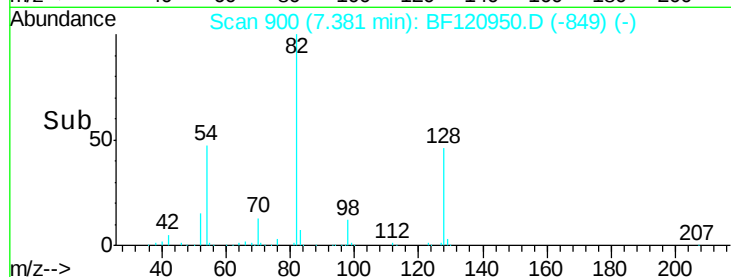
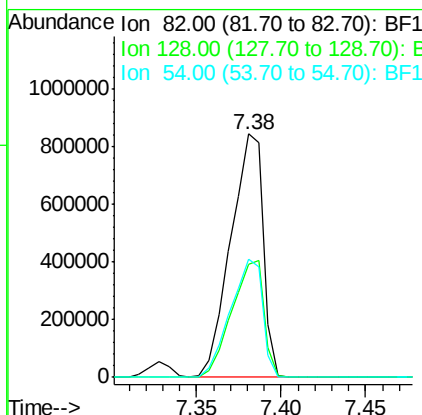
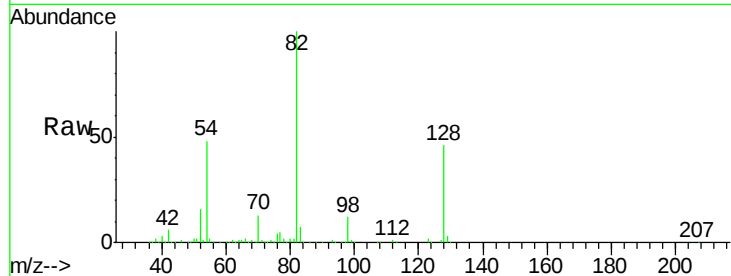
#23
 Nitrobenzene-d5
 Concen: 87.541 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampled :
 PB130301BSD

Tot Ion	82	Resp	1129605
Ion Ratio	100	Lower	Upper
82	100		
128	46.3	38.2	57.4
54	48.4	38.7	58.1

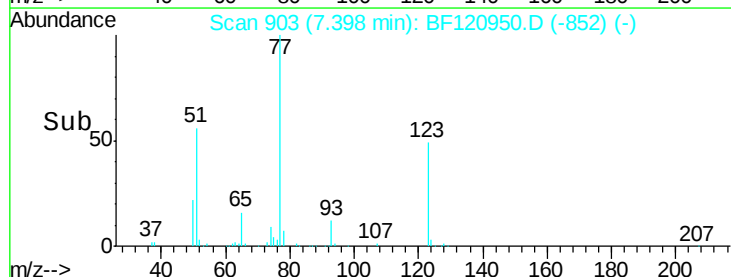
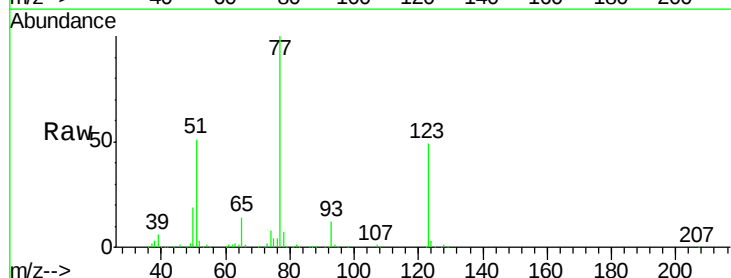
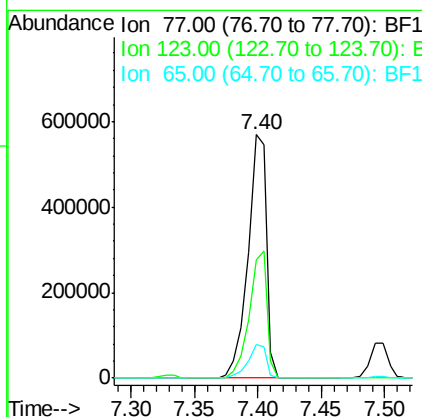
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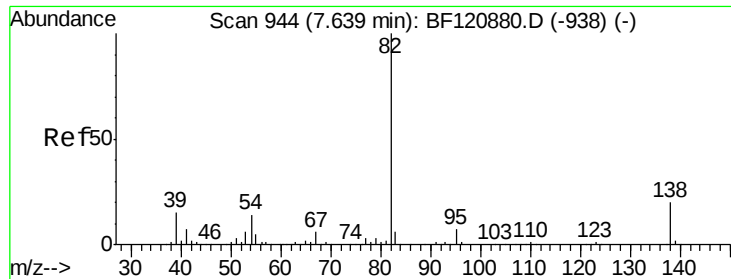
Sohil
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#24
 Nitrobenzene
 Concen: 41.835 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	77	Resp	581833
Ion Ratio	100	Lower	Upper
77	100		
123	48.7	40.1	60.1
65	13.7	10.8	16.2





#25

Isophorone

Concen: 41.667 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion: 82 Resp: 1073052

Ion Ratio Lower Upper

82 100

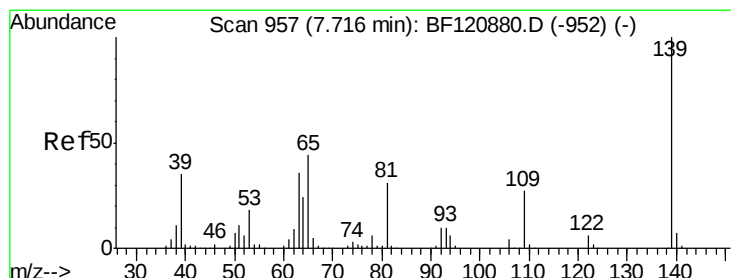
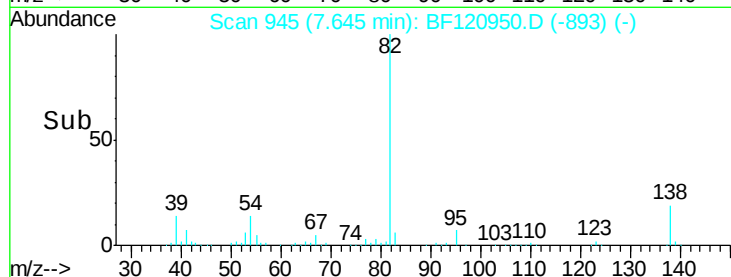
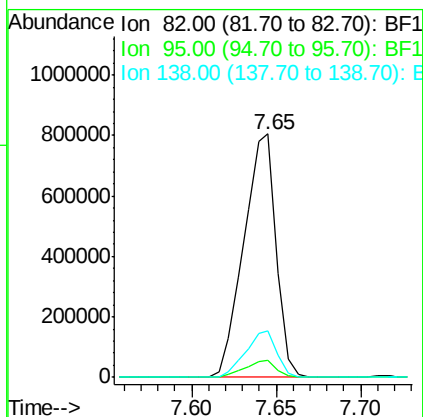
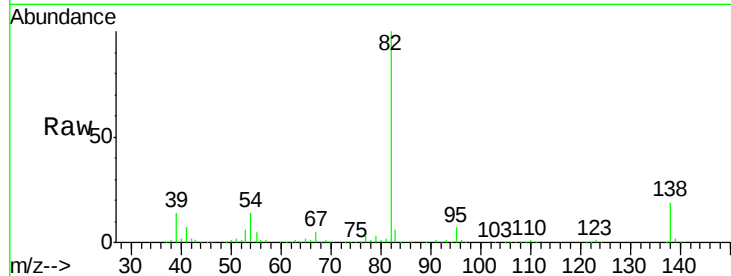
95 6.8 5.5 8.3

138 19.3 15.6 23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.942 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

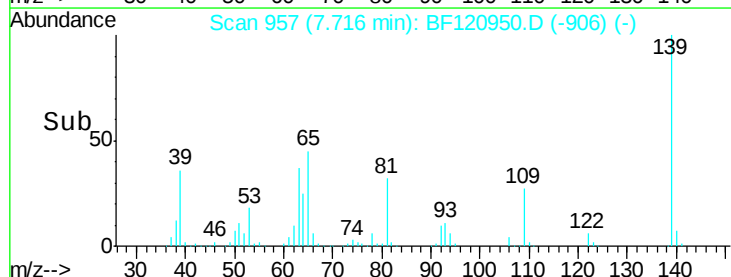
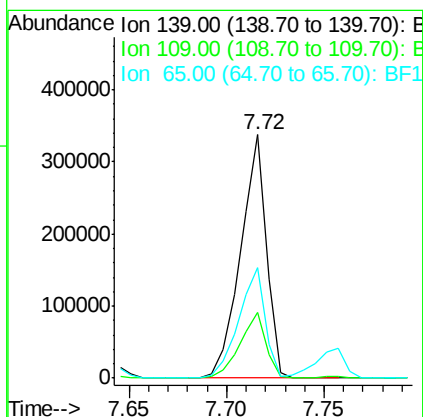
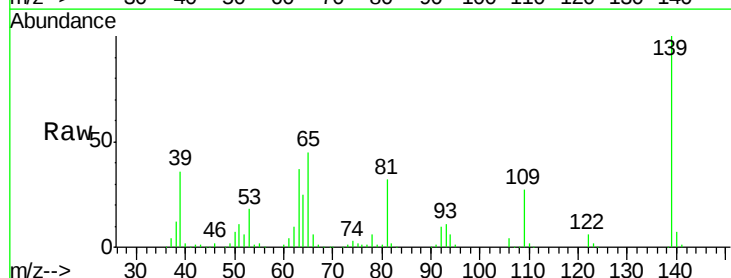
Tgt Ion: 139 Resp: 310063

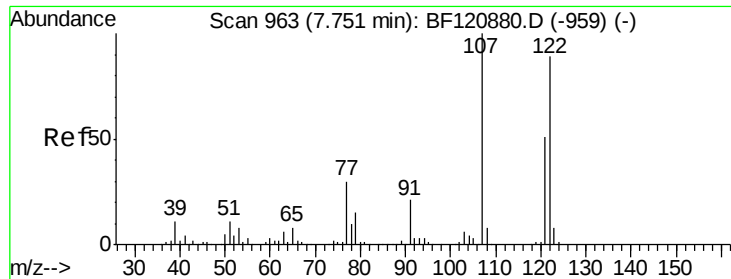
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 45.2 35.3 52.9





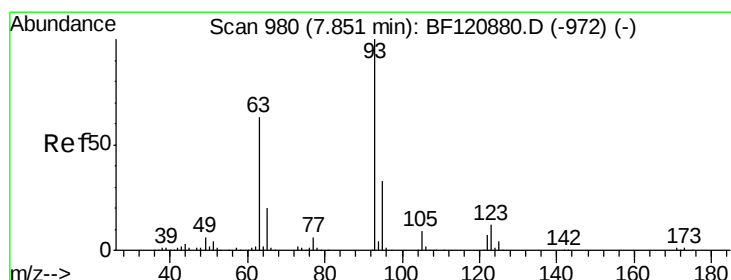
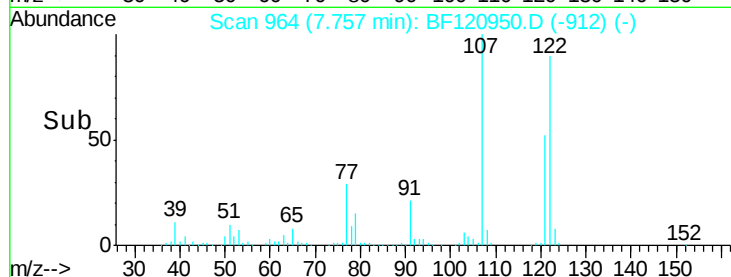
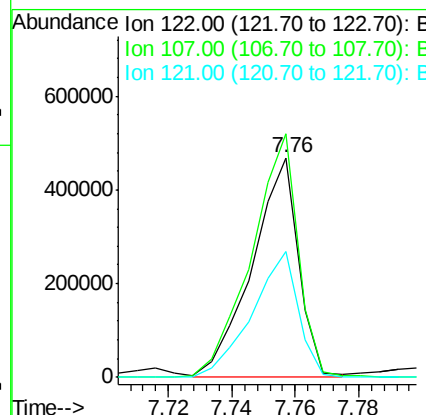
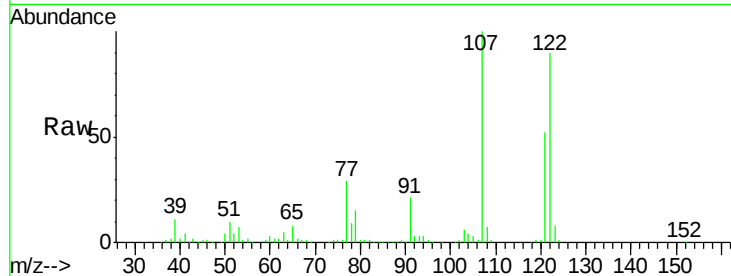
#27
 2,4-Dimethylphenol
 Concen: 44.356 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	475683		
107	110.9	89.4	134.0	
121	57.5	46.0	69.0	

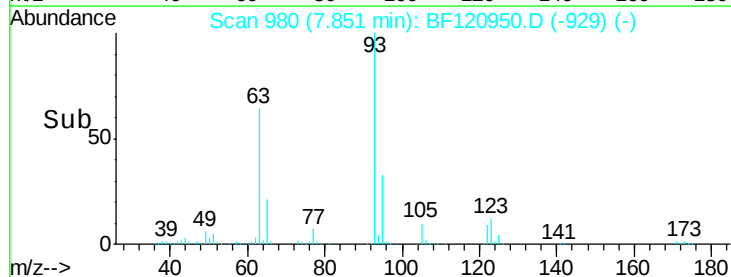
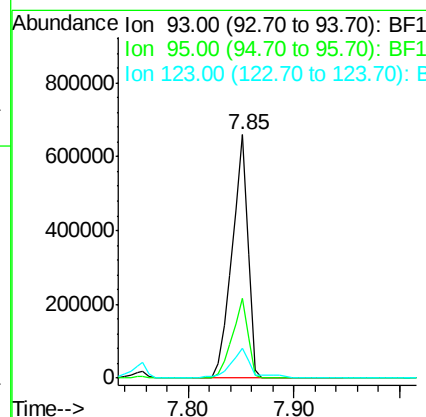
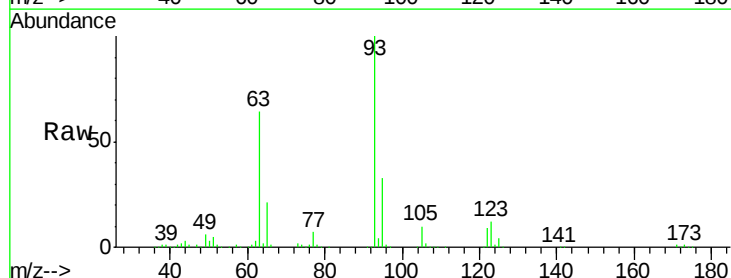
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.652 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	686221		
95	33.0	26.6	39.8	
123	12.1	10.0	15.0	





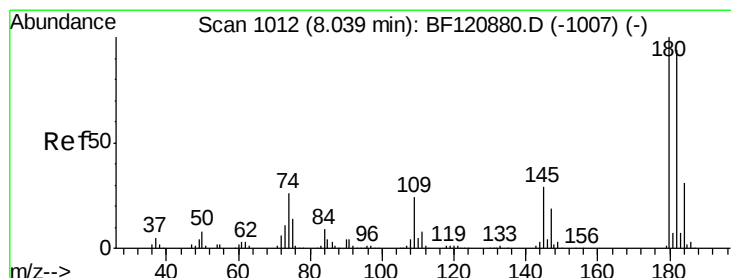
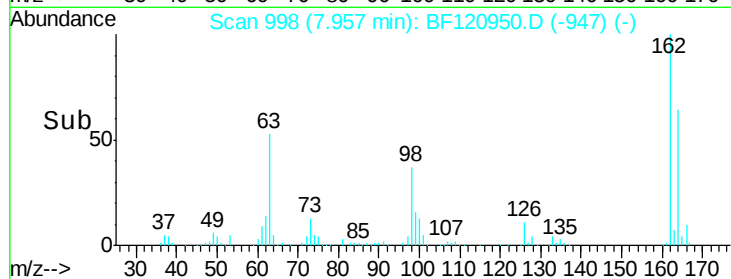
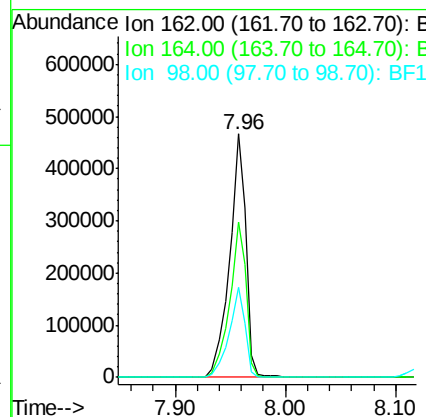
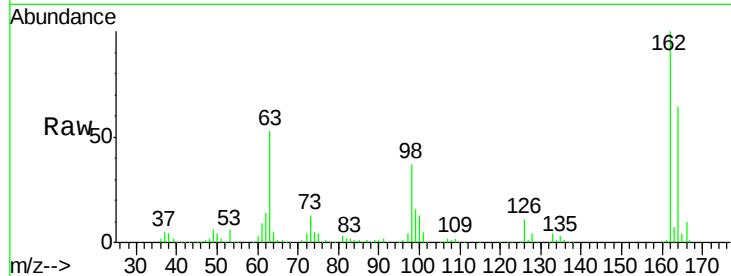
#29
2,4-Dichlorophenol
Concen: 43.943 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	45.3	85.3
98	36.9	13.3	53.3

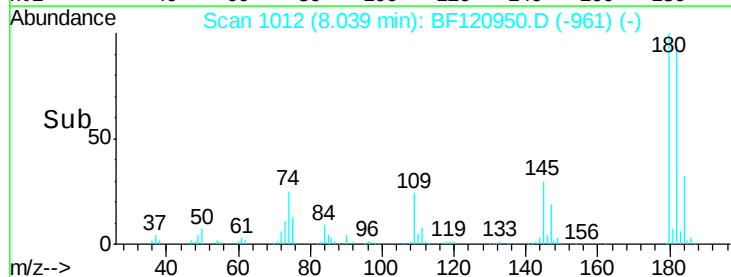
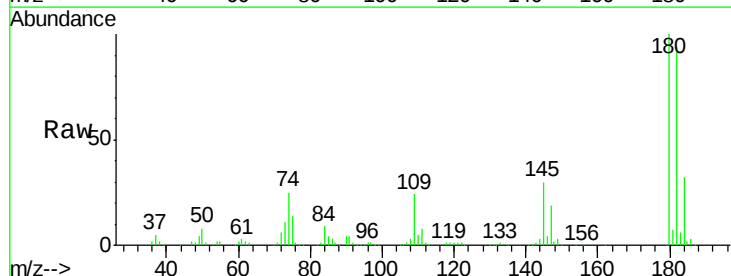
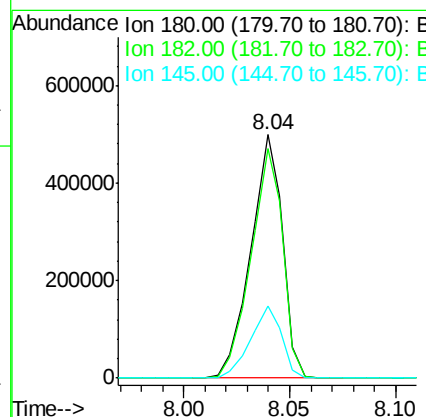
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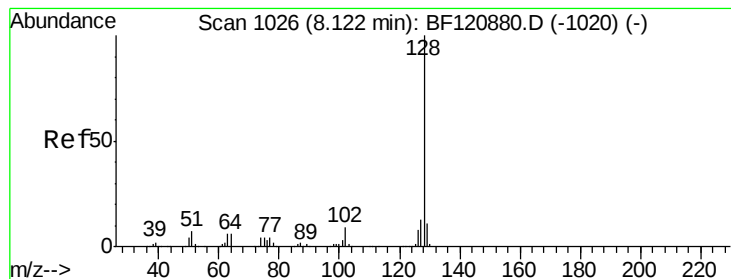
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#30
1,2,4-Trichlorobenzene
Concen: 42.563 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 41.252 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:128 Resp: 1579928

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

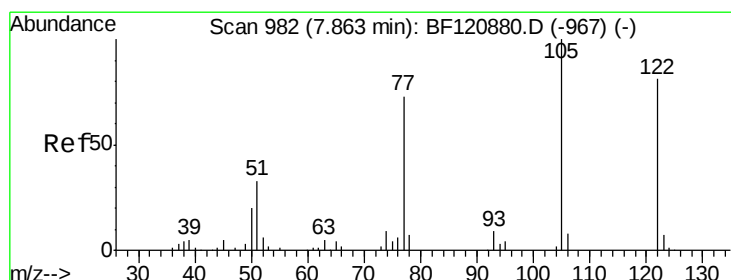
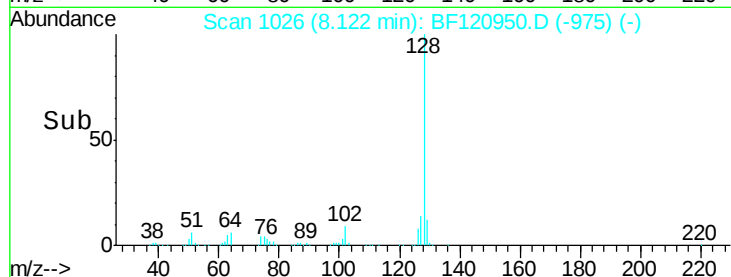
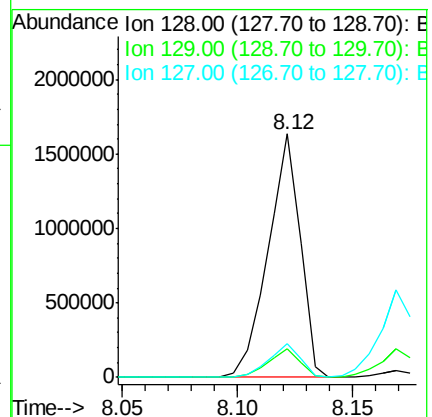
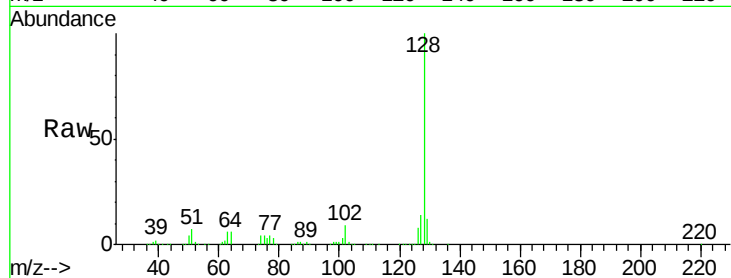
127 13.7 10.7 16.1

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#32

Benzoic acid

Concen: 43.594 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

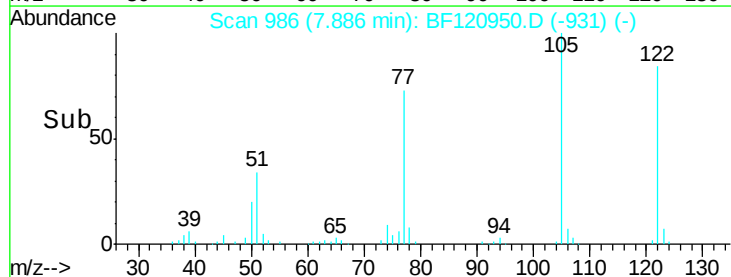
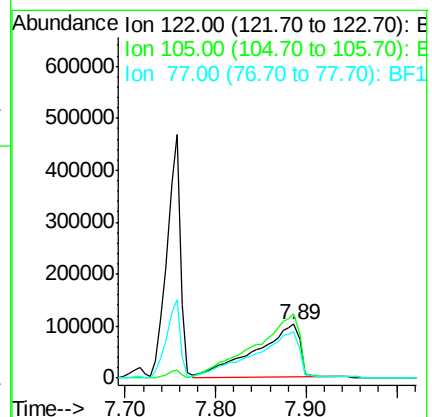
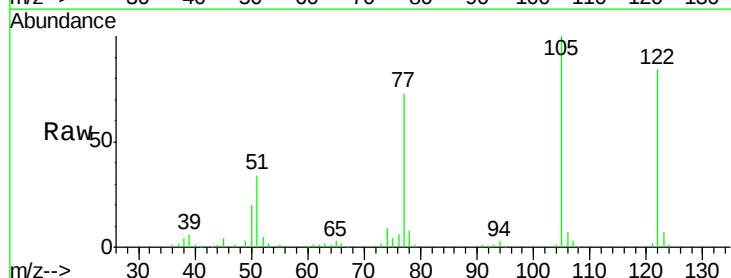
Tgt Ion:122 Resp: 350945

Ion Ratio Lower Upper

122 100

105 118.6 101.3 141.3

77 87.0 69.1 109.1





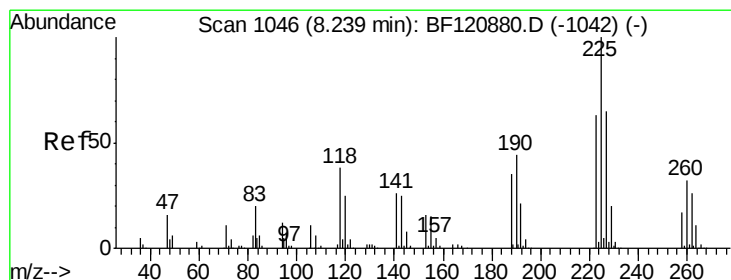
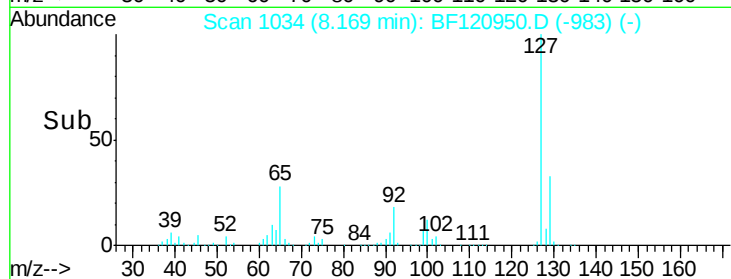
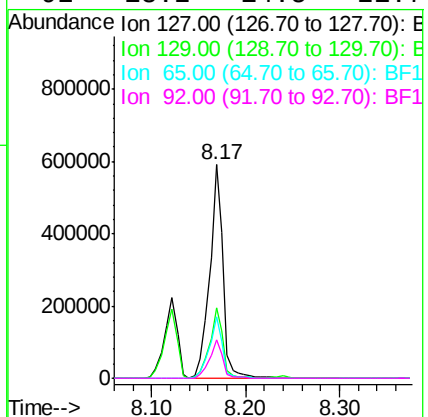
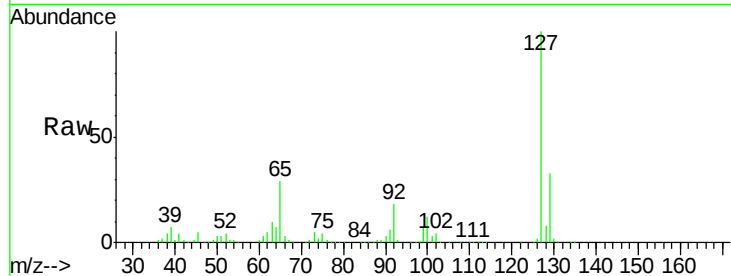
#33
4-Chloroaniline
Concen: 34.850 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		595417		
129	32.8	26.5	39.7		
65	28.9	23.0	34.4		
92	18.2	14.5	21.7		

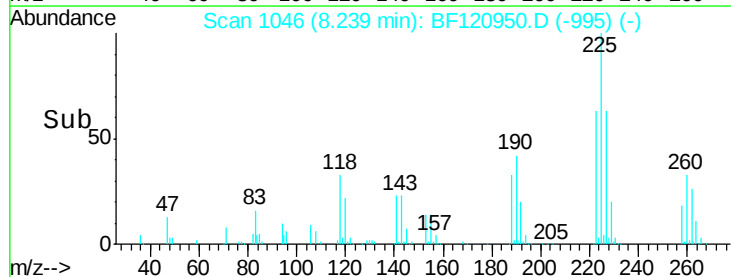
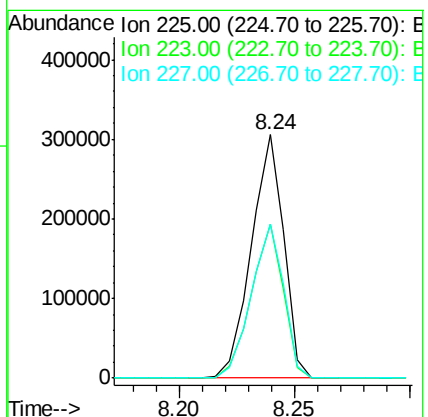
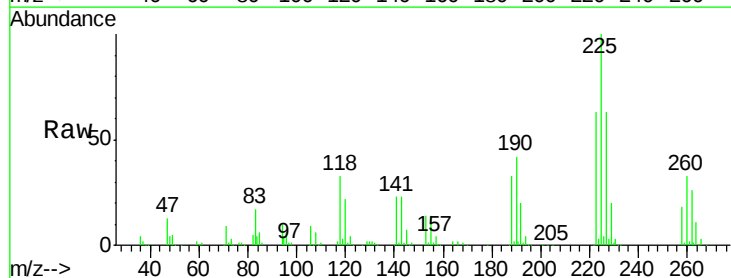
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#34
Hexachlorobutadiene
Concen: 41.810 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		299670		
223	63.3	50.6	76.0		
227	63.1	52.2	78.2		





#35

Caprolactam

Concen: 43.072 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:113 Resp: 151368

Ion Ratio Lower Upper

113 100

55 167.2 143.3 183.3

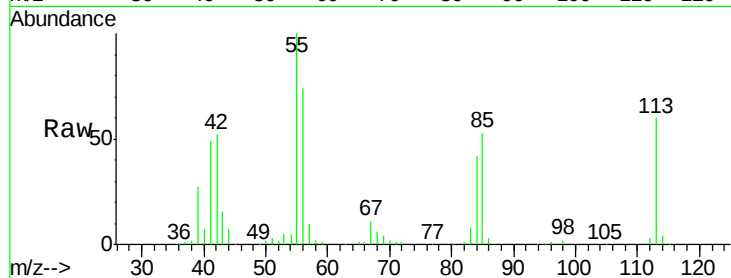
56 124.2 99.4 139.4

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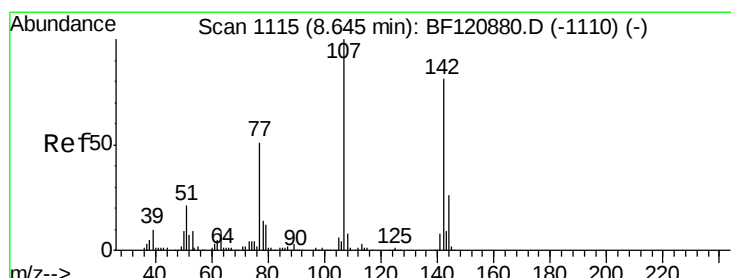
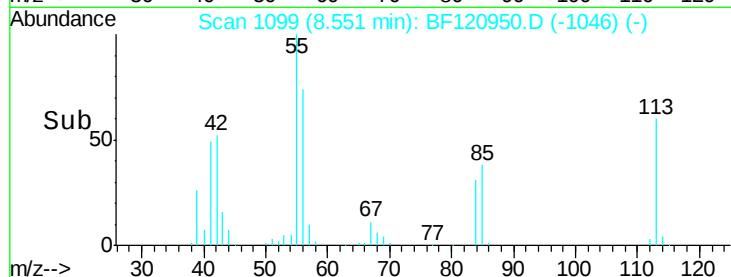
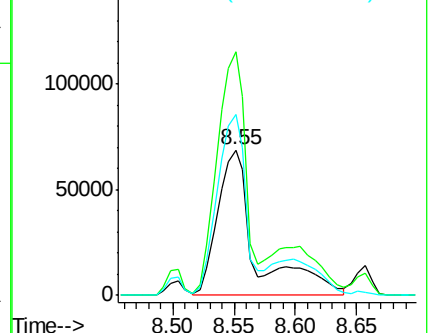
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.412 ng/mL

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

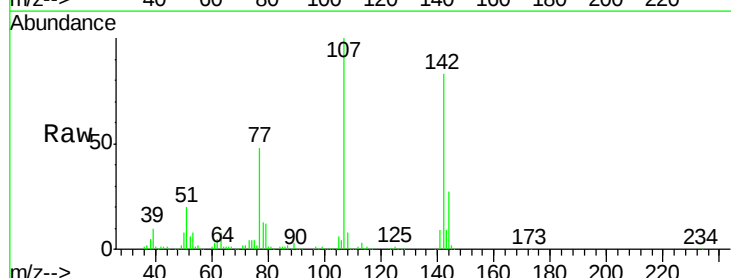
Tgt Ion:107 Resp: 499154

Ion Ratio Lower Upper

107 100

144 26.7 21.0 31.6

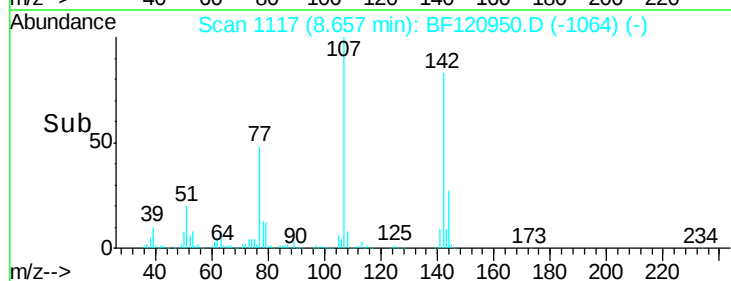
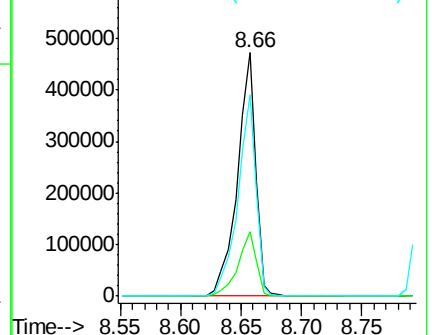
142 82.6 65.0 97.6

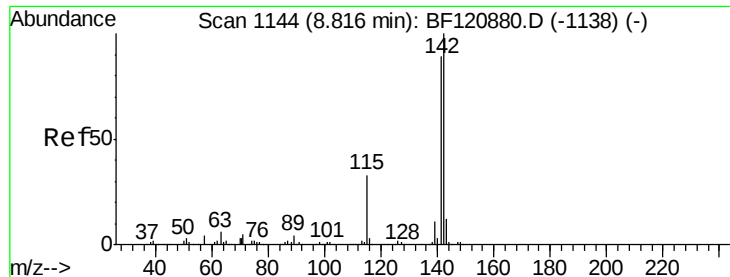


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





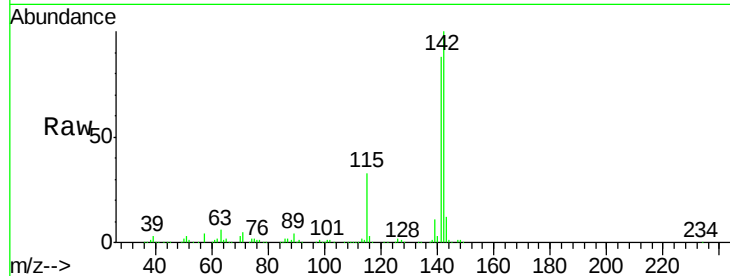
#37
2-Methylnaphthalene
Concen: 43.495 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4
115	33.2	26.0	39.0

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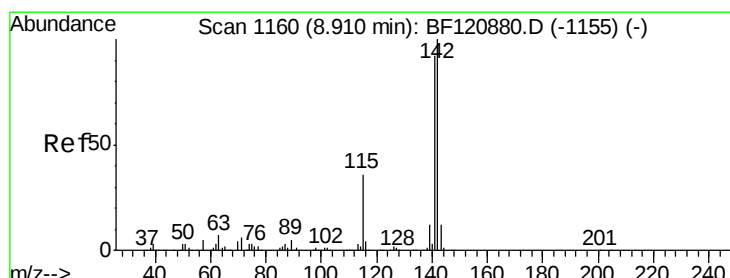
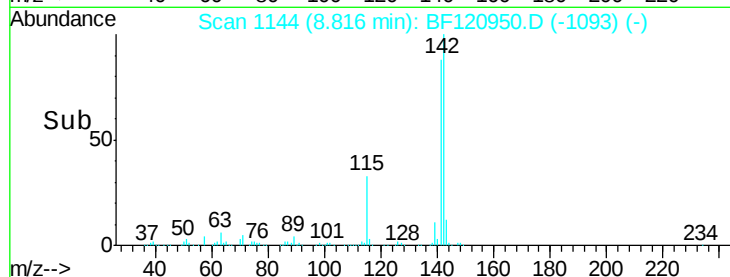
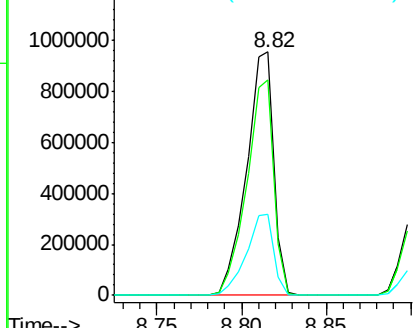


Abundance

Ion 142.00 (141.70 to 142.70): E

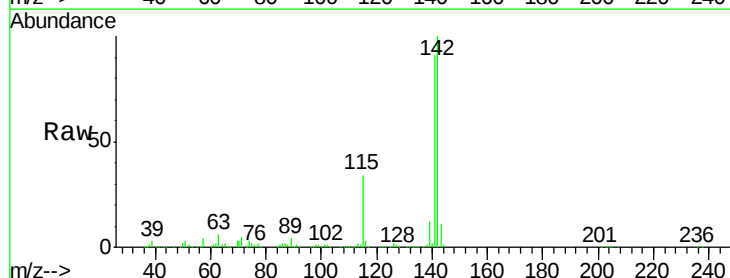
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.553 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
116	3.4	3.0	4.6

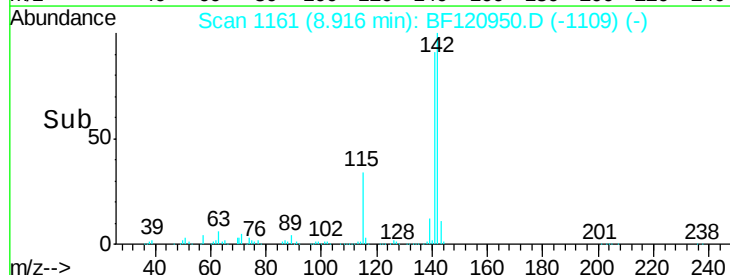
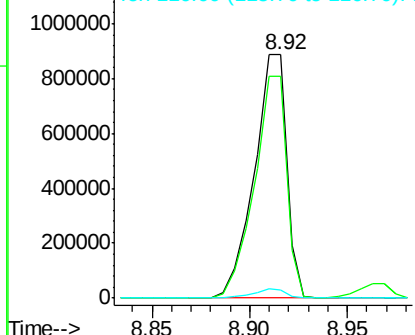


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:164 Resp: 385576

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

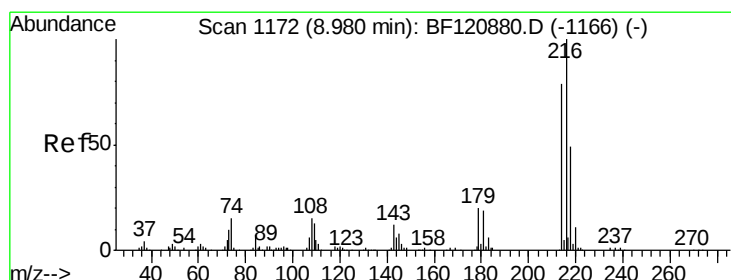
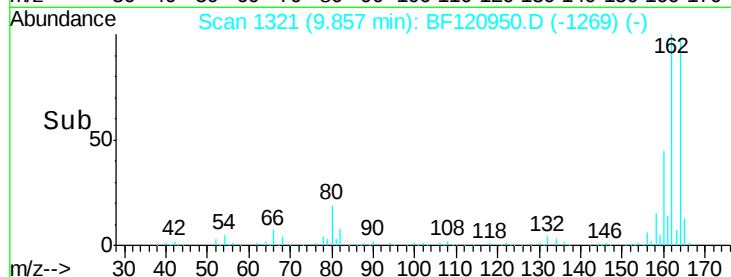
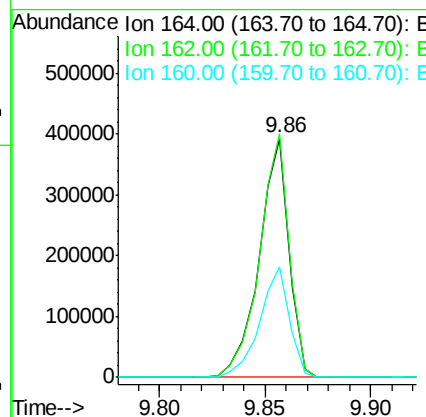
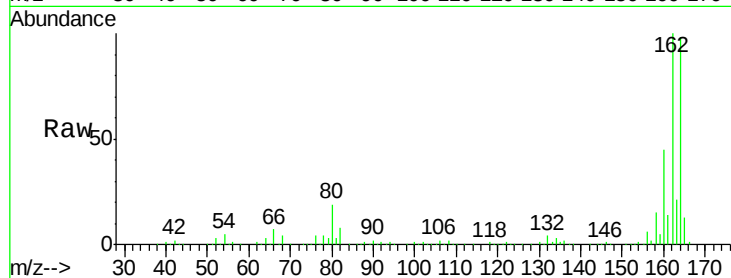
160 46.1 36.9 55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.062 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:216 Resp: 461296

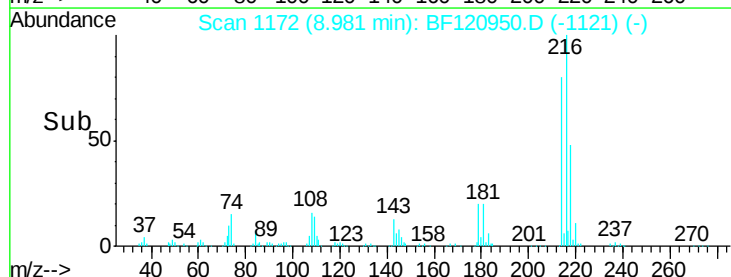
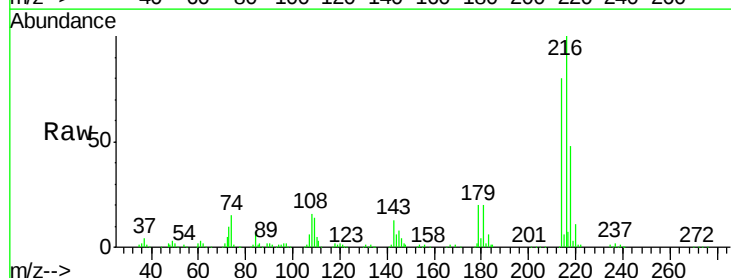
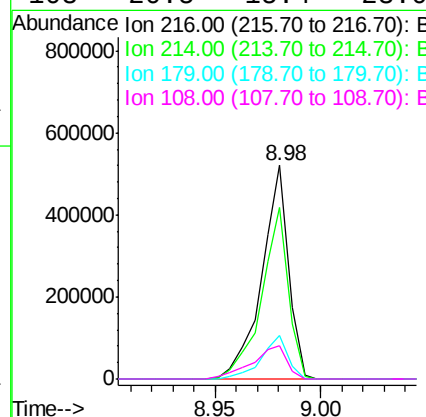
Ion Ratio Lower Upper

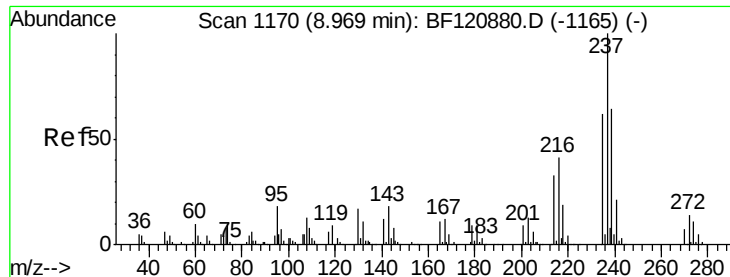
216 100

214 80.0 63.8 95.8

179 20.4 16.6 24.8

108 20.5 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 83.192 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

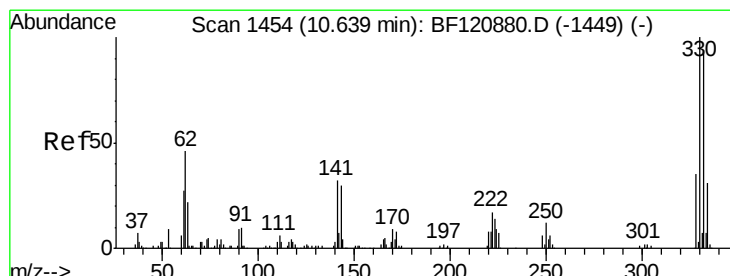
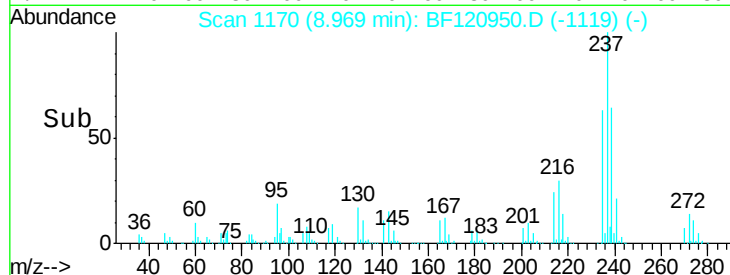
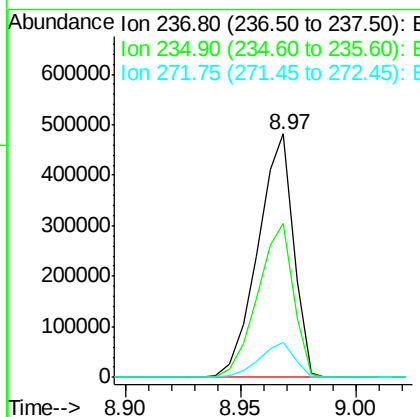
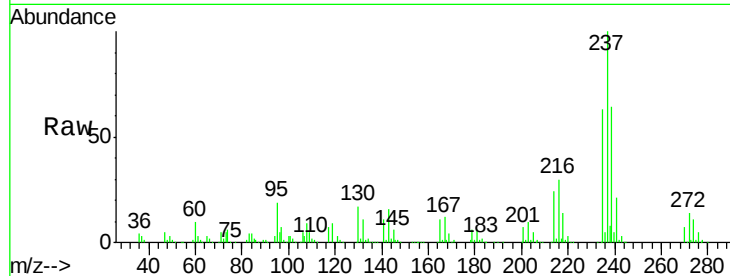
ClientSampleId :

PB130301BSD

Tot Ion:	237	Resp:	516526
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.6	81.6
272	14.2	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 124.600 ng

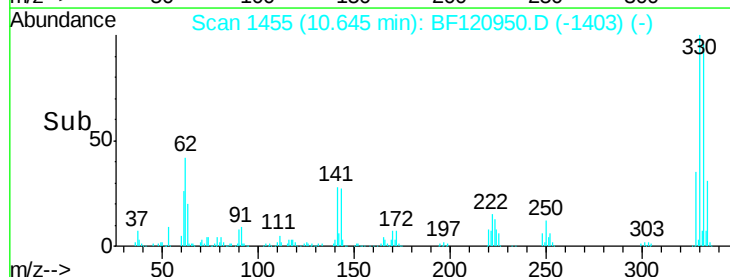
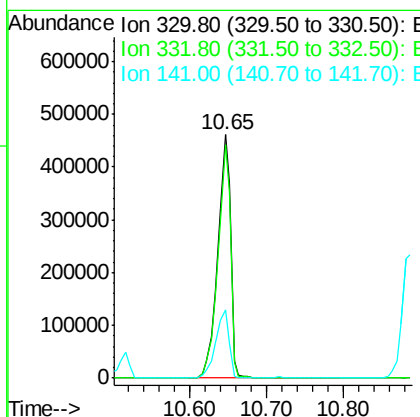
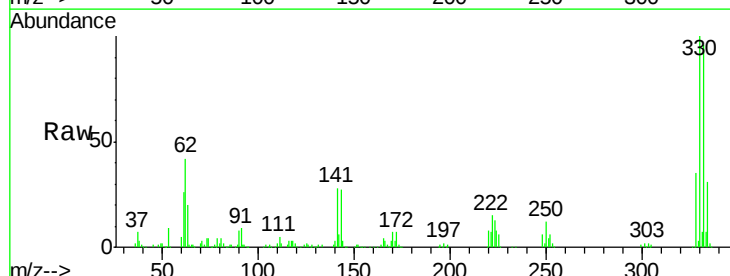
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	330	Resp:	525875
Ion Ratio	Lower	Upper	
330	100		
332	94.8	75.5	113.3
141	29.1	25.7	38.5





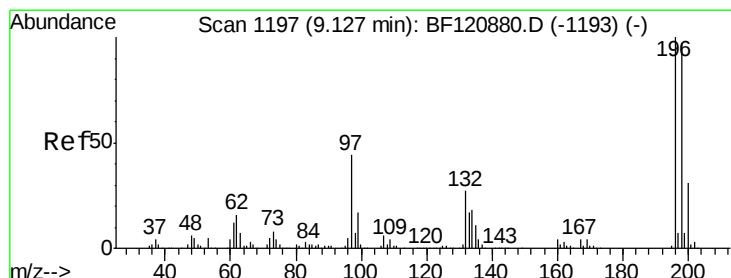
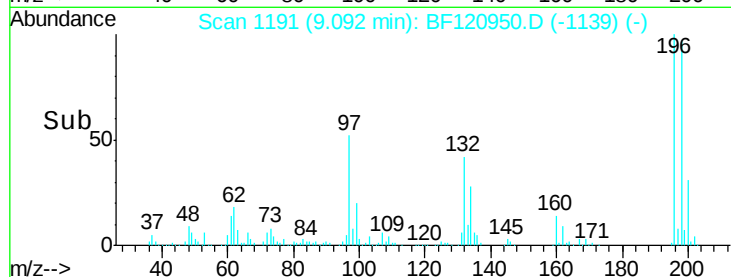
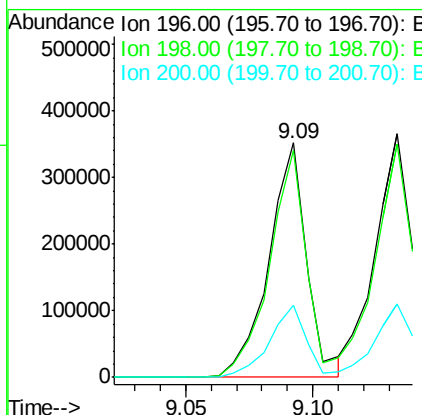
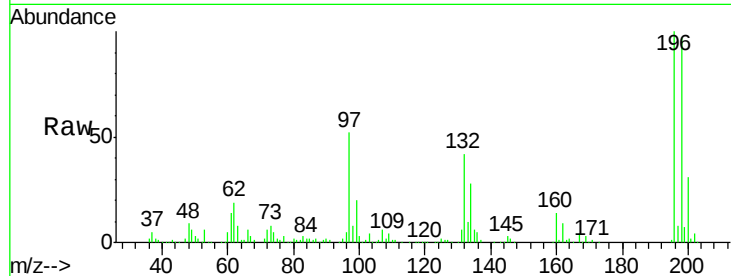
#43
 2,4,6-Trichlorophenol
 Concen: 45.953 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampled :
 PB130301BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	363475		
198	96.7	75.7	113.5	
200	30.5	24.4	36.6	

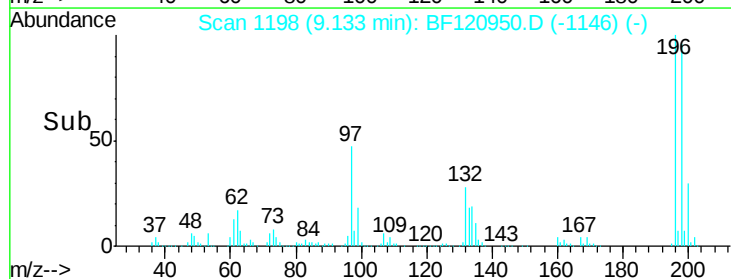
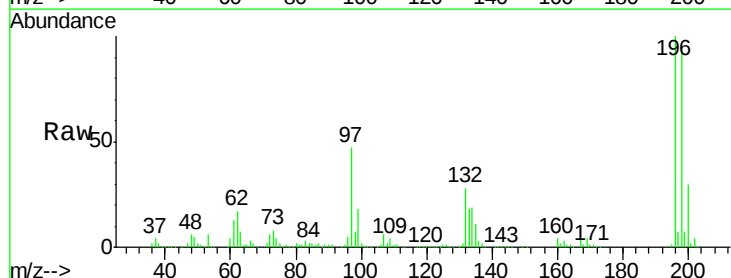
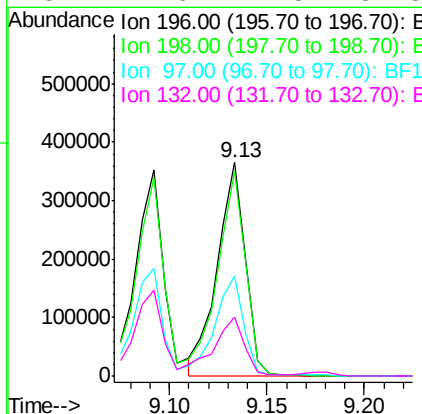
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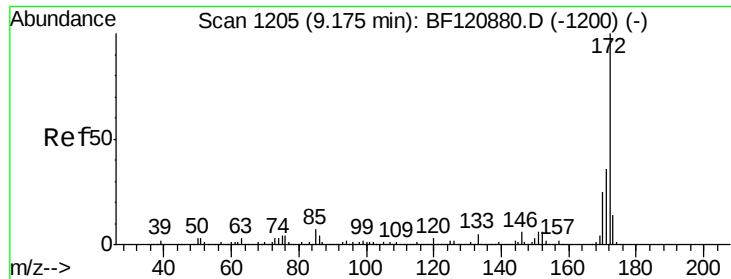
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#44
 2,4,5-Trichlorophenol
 Concen: 40.642 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	364648		
198	96.1	77.6	116.4	
97	46.6	35.6	53.4	
132	27.6	21.5	32.3	





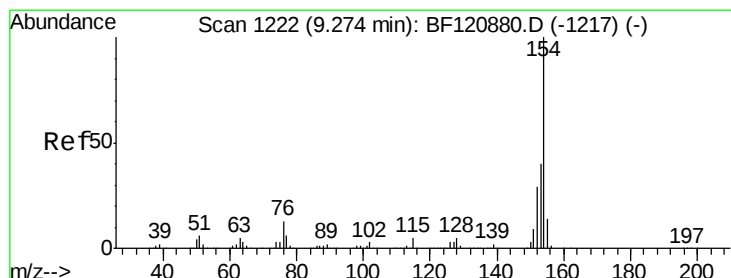
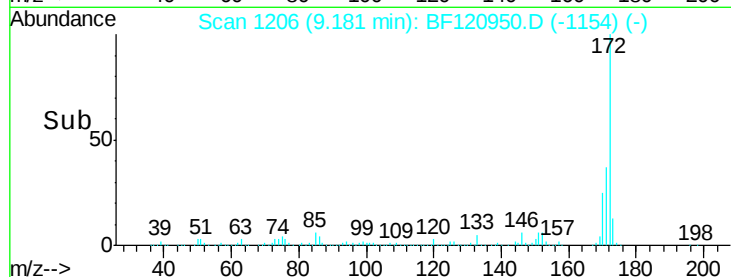
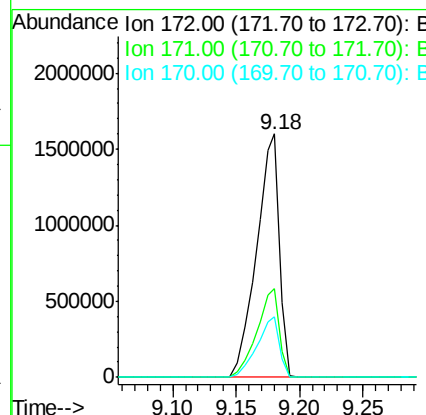
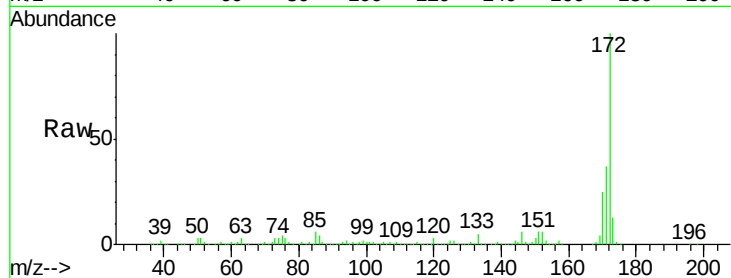
#45
2-Fluorobiphenyl
Concen: 77.877 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	25.0	19.6	29.4

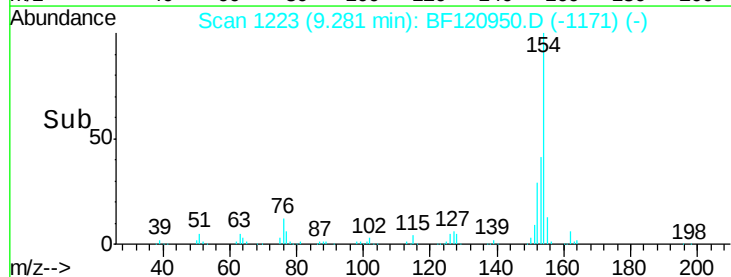
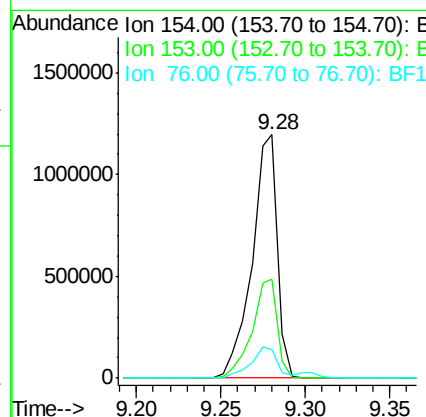
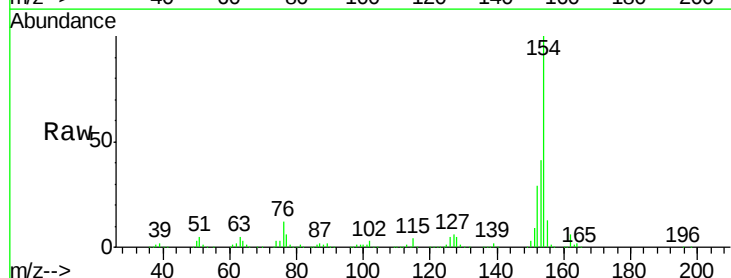
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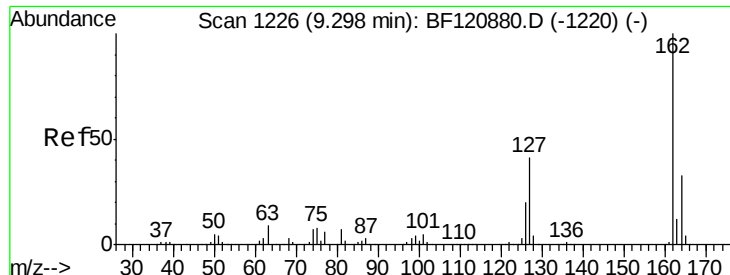
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#46
1,1'-Biphenyl
Concen: 42.652 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.5	0.0	33.1





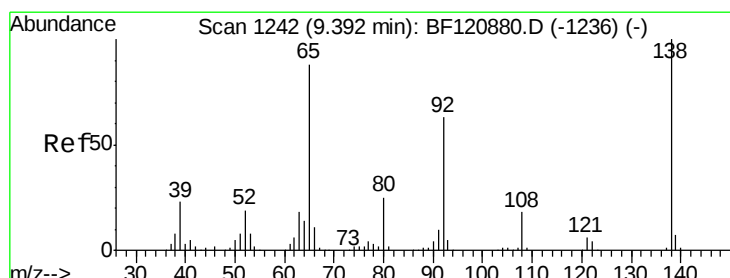
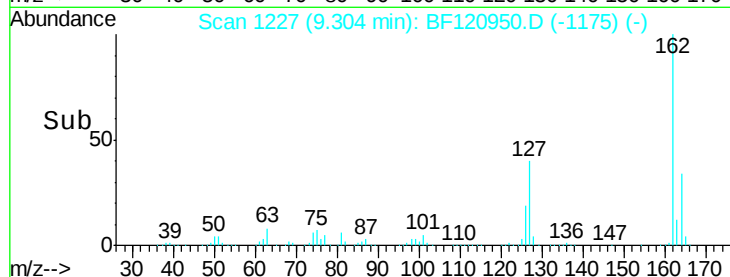
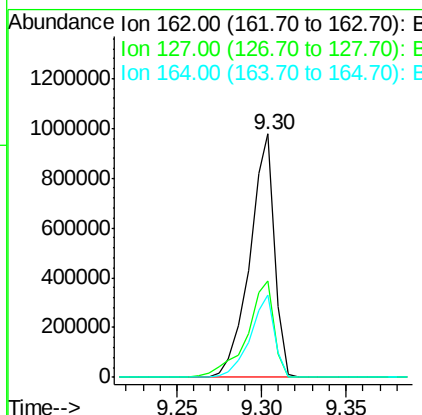
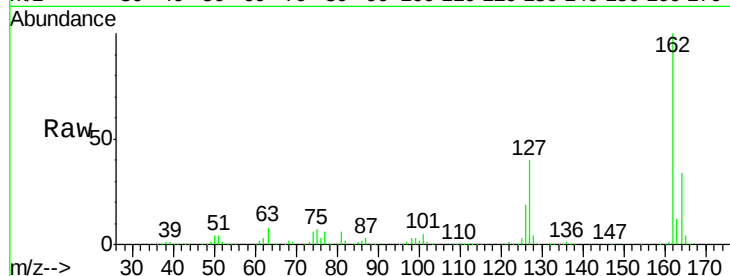
#47
2-Chloronaphthalene
Concen: 41.571 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.5	33.3	49.9
164	33.6	26.6	39.8

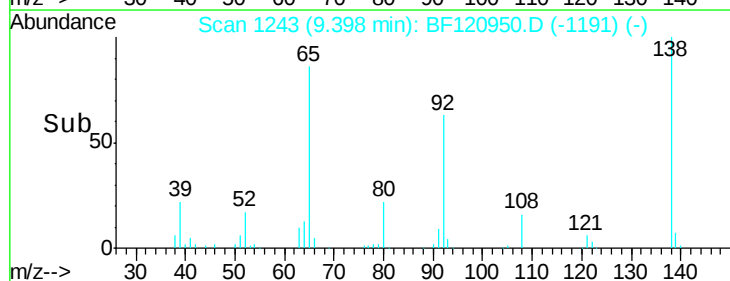
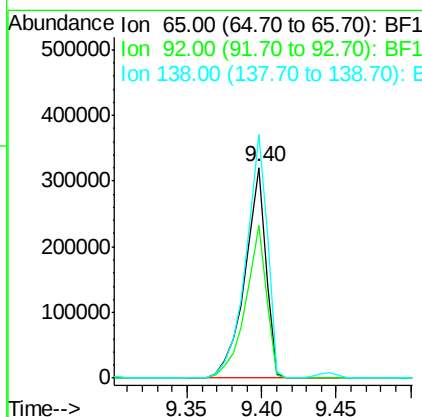
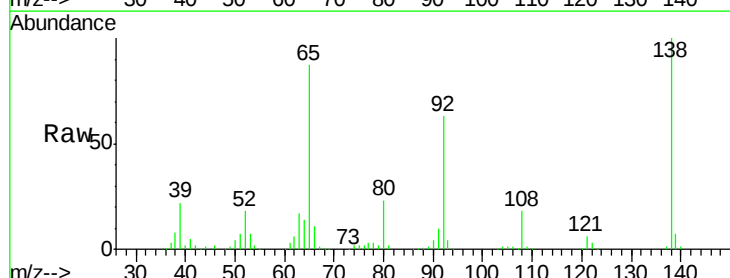
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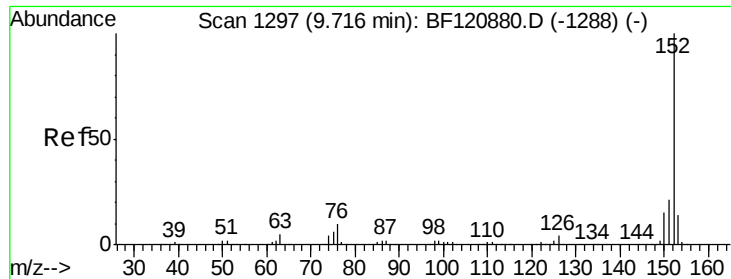
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#48
2-Nitroaniline
Concen: 43.310 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.4	57.0	85.4
138	115.6	90.4	135.6





#49

Acenaphthylene

Concen: 41.835 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

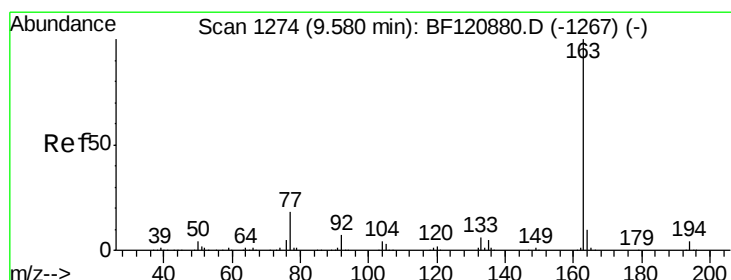
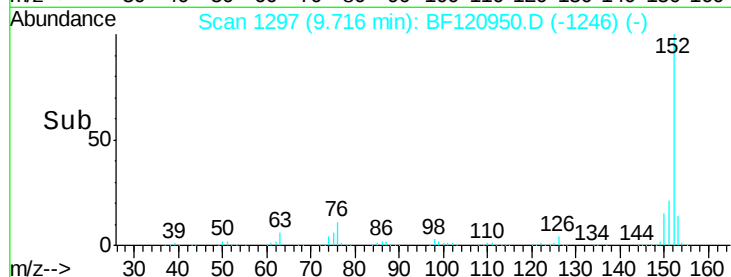
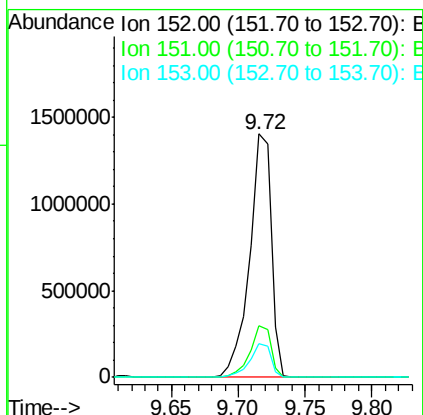
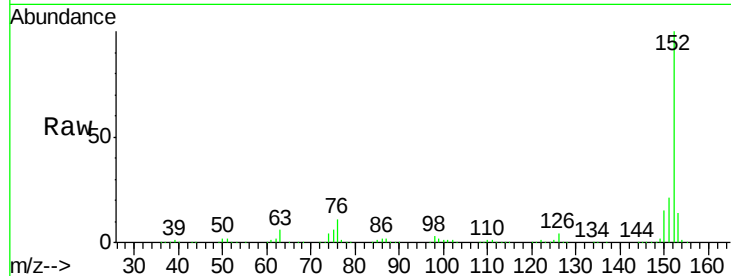
ClientSampleId :

PB130301BSD

Tot Ion:	152	Resp:	1558477
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0
153	13.8	10.9	16.3

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#50

Dimethylphthalate

Concen: 42.968 ng

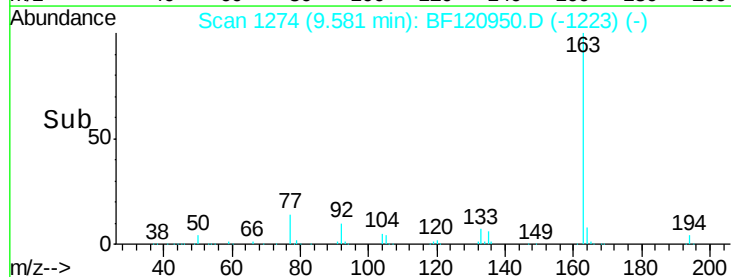
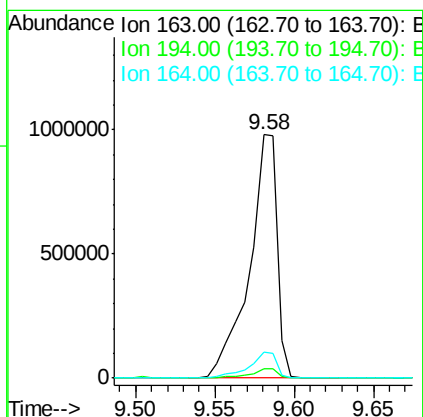
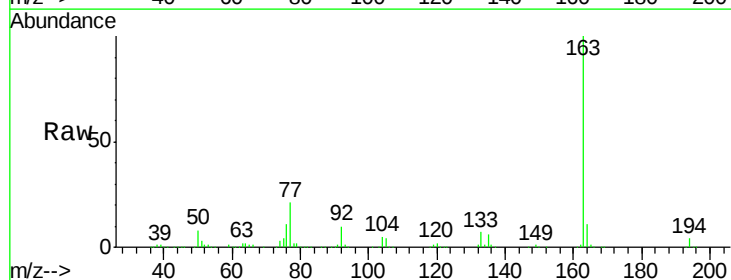
RT: 9.58 min Scan# 1274

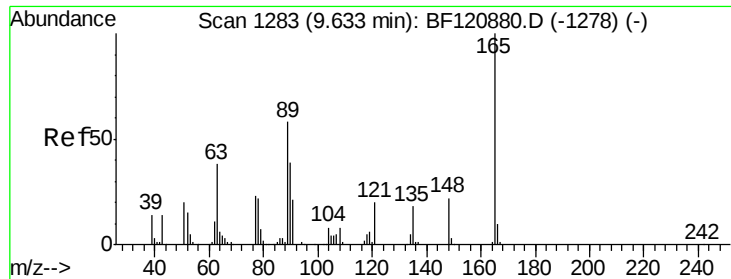
Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	163	Resp:	1195244
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.8	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 45.426 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

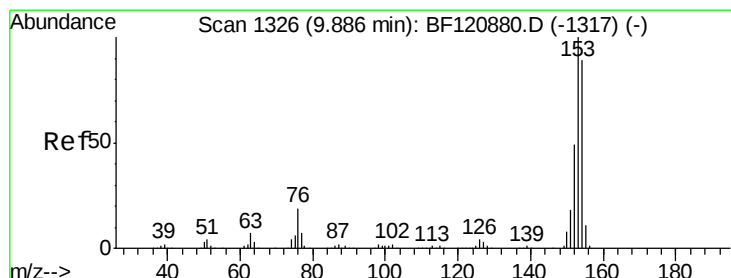
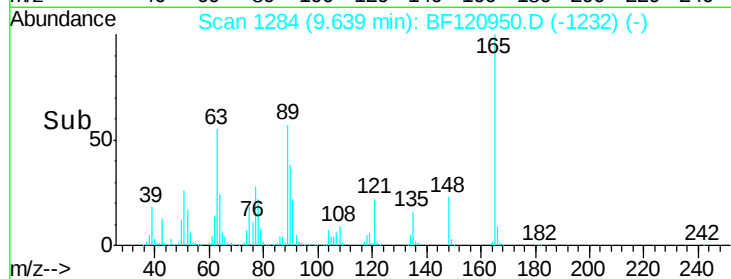
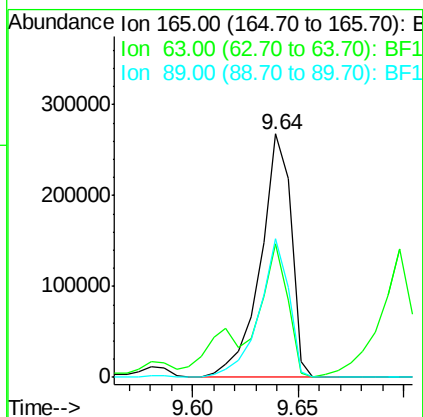
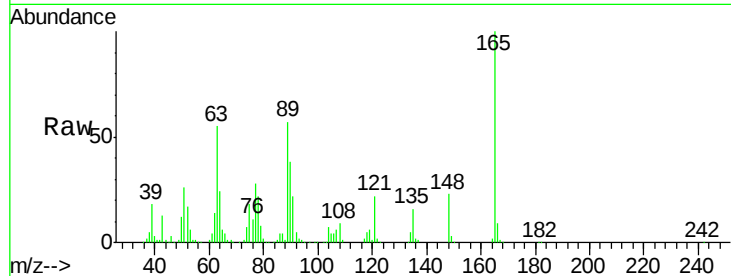
ClientSampleId :

PB130301BSD

Tot Ion:	165	Resp:	271475
Ion Ratio	Lower	Upper	
165	100		
63	54.7	45.4	68.2
89	56.9	47.0	70.4

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#52

Acenaphthene

Concen: 46.368 ng m

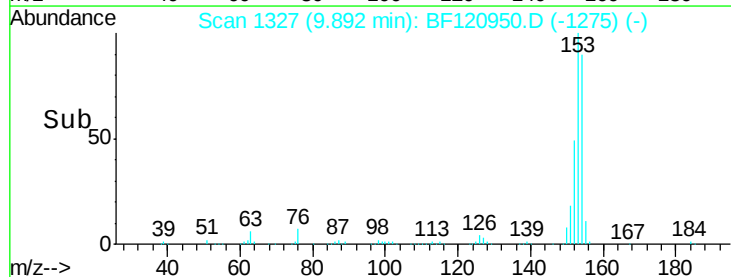
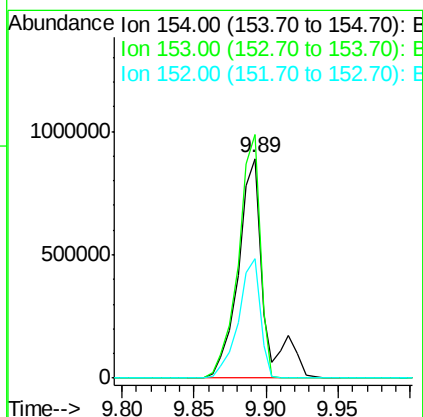
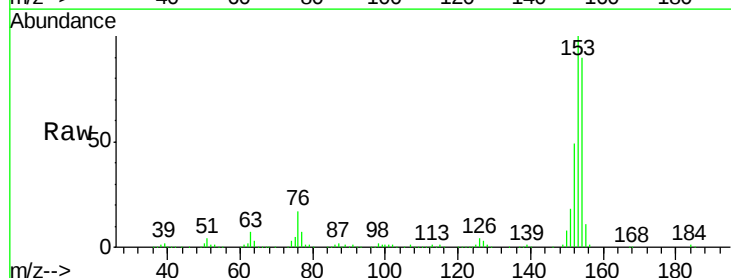
RT: 9.89 min Scan# 1327

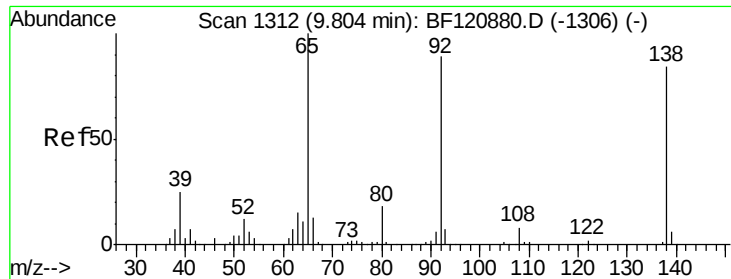
Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	154	Resp:	1098195
Ion Ratio	Lower	Upper	
154	100		
153	110.7	89.5	134.3
152	54.1	44.2	66.2





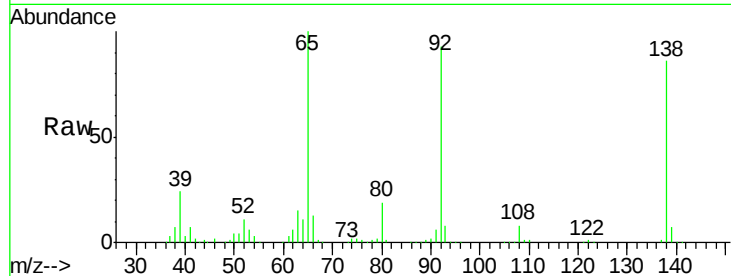
#53
3-Nitroaniline
Concen: 34.233 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

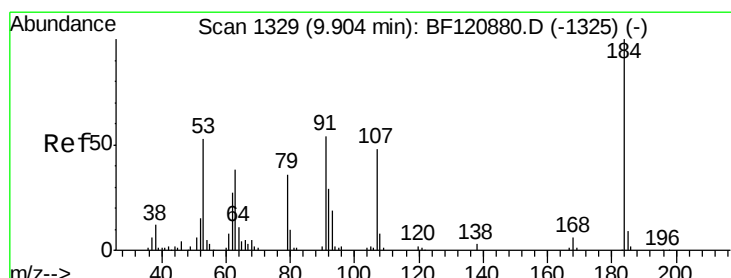
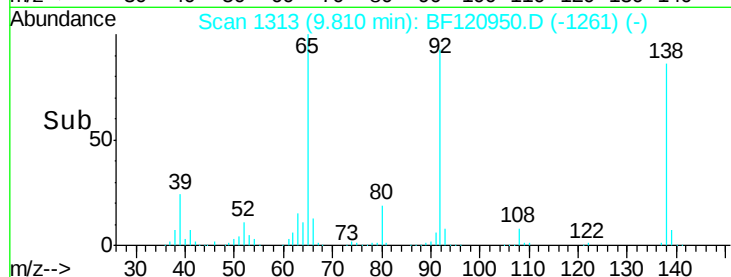
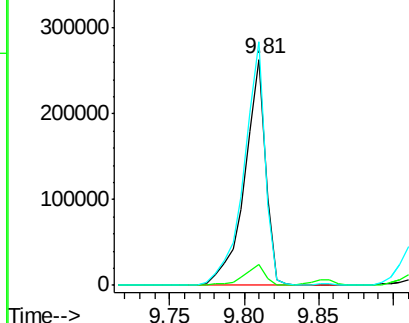
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	107.7	85.3	127.9

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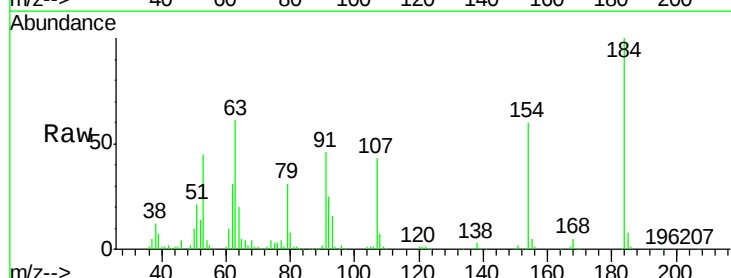


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

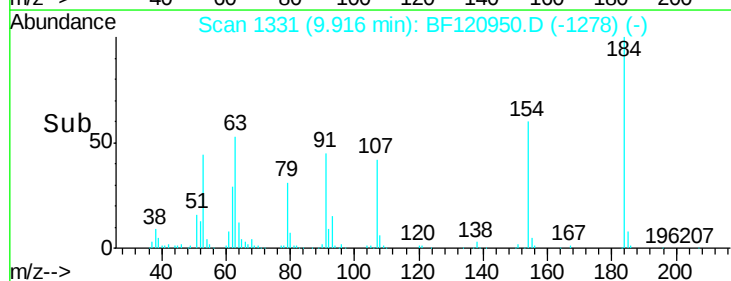
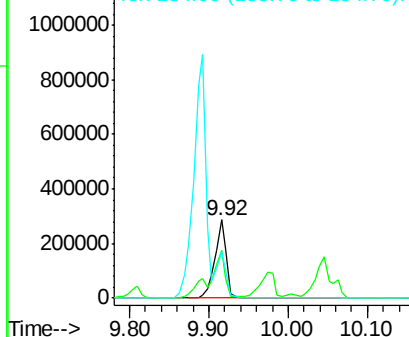


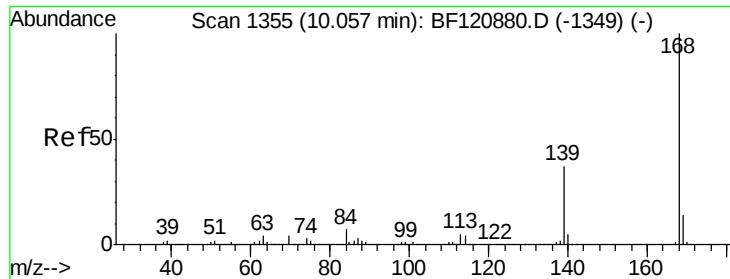
#54
2,4-Dinitrophenol
Concen: 83.719 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	57.9	86.9
154	60.0	52.6	78.8



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





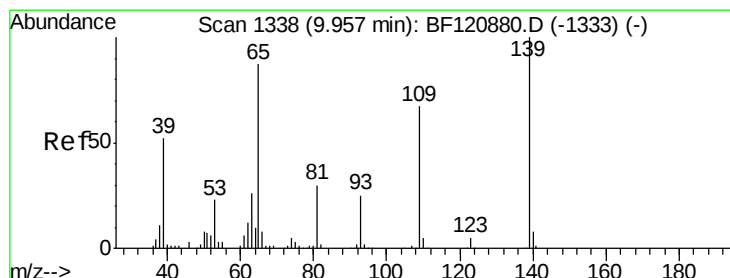
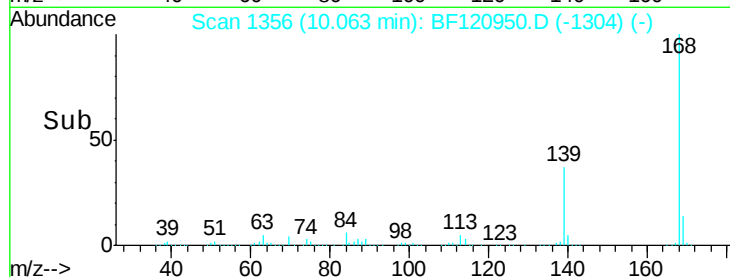
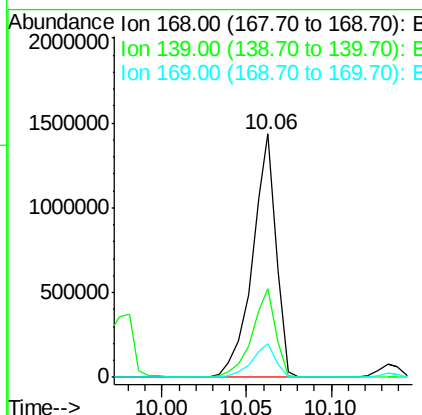
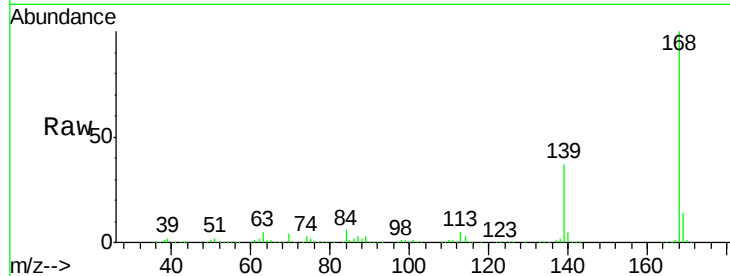
#55
Dibenzenofuran
Concen: 40.872 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.7	44.5
169	13.8	11.1	16.7

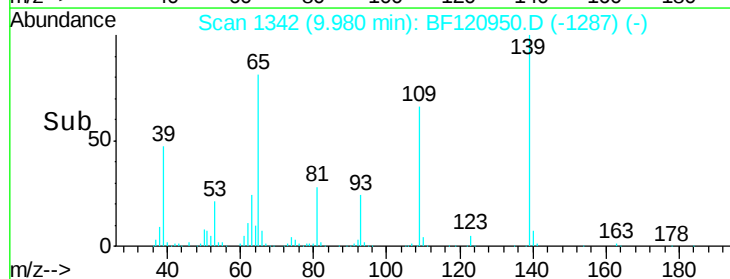
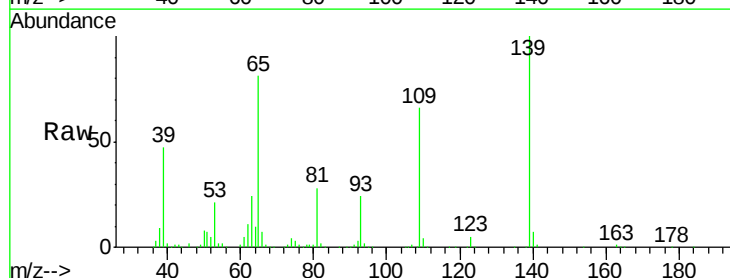
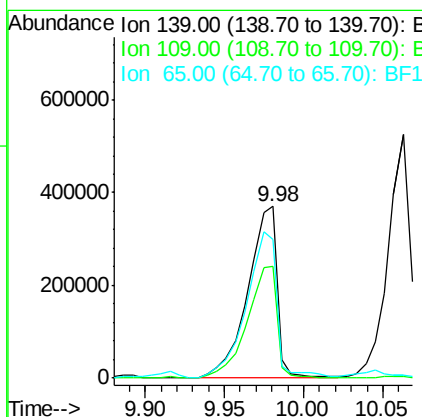
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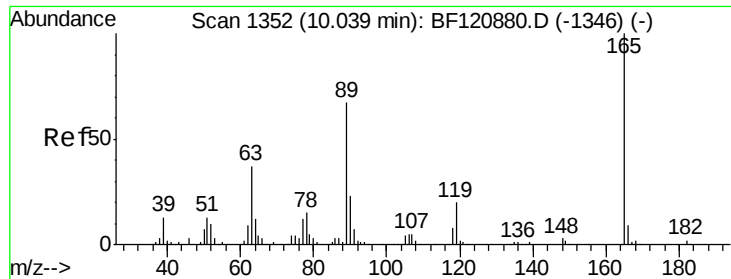
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#56
4-Nitrophenol
Concen: 84.524 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.3	87.3
65	80.8	67.2	107.2





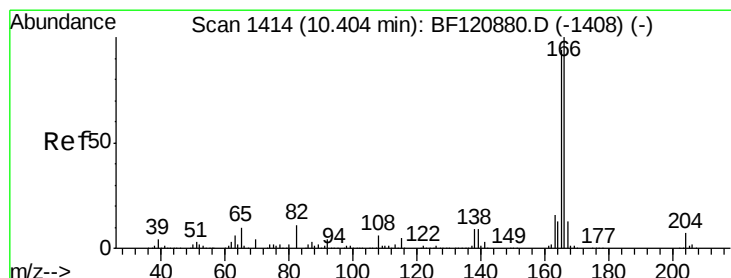
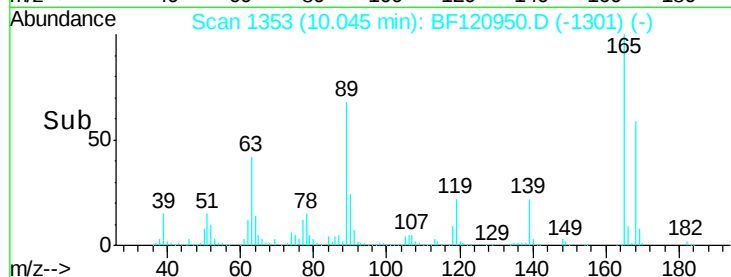
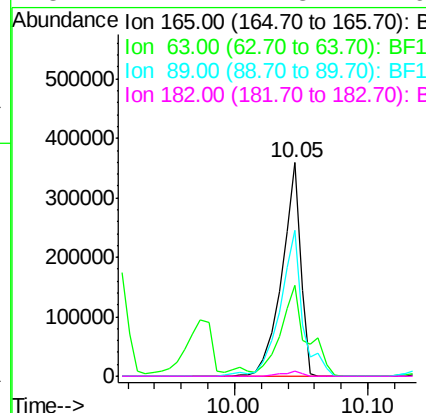
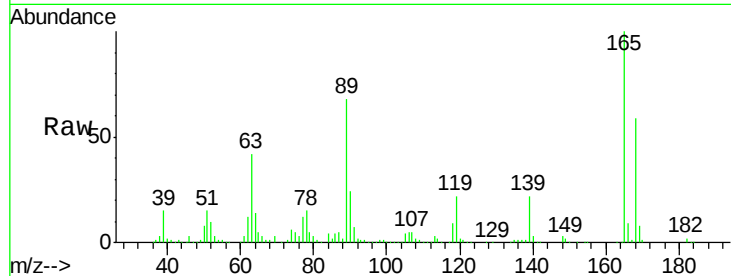
#57
2,4-Dinitrotoluene
Concen: 45.492 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357020		
63	42.4	29.4	44.2	
89	68.3	53.4	80.0	
182	2.4	1.8	2.6	

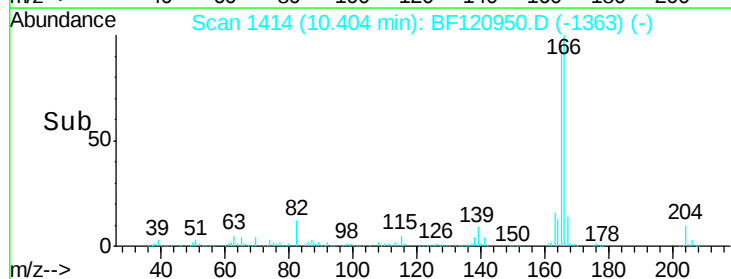
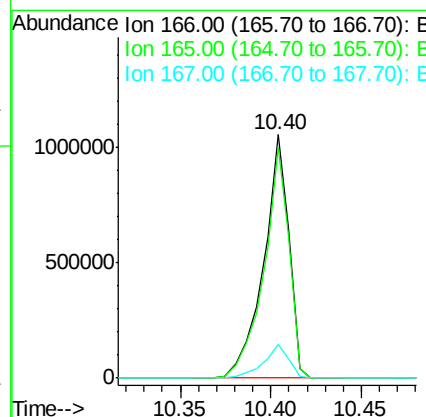
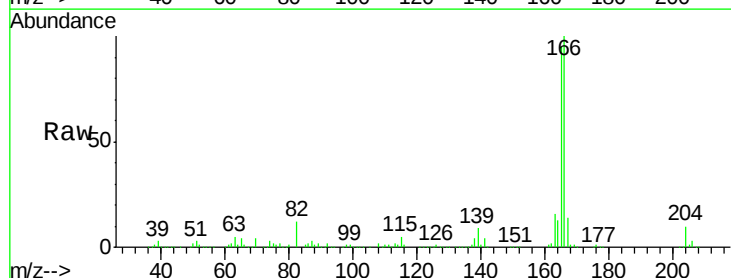
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#58
Fluorene
Concen: 40.135 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1025227		
165	94.8	75.4	113.0	
167	14.0	10.6	15.8	





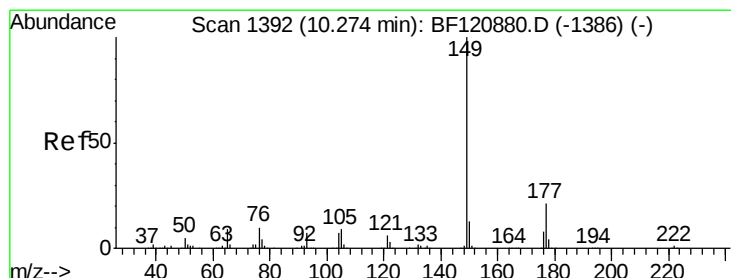
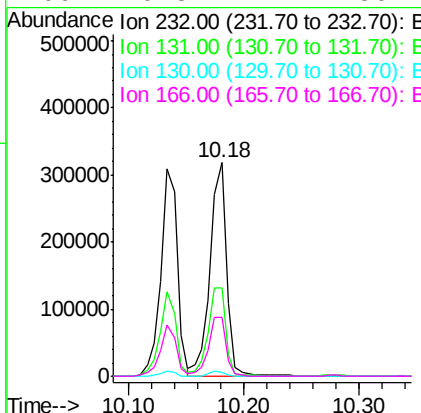
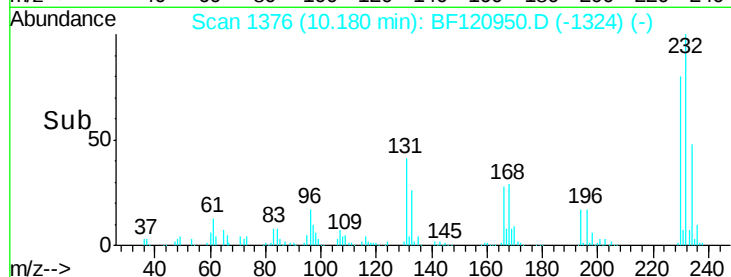
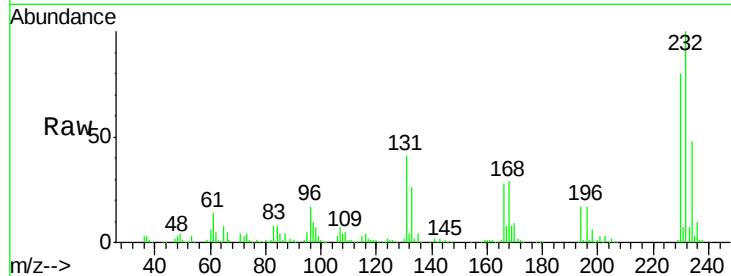
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.368 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.1	55.7
130	2.1	1.7	2.5
166	29.3	24.2	36.4

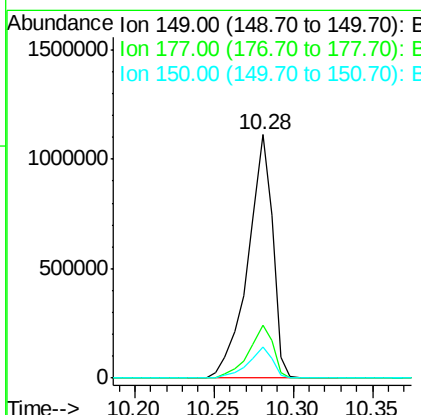
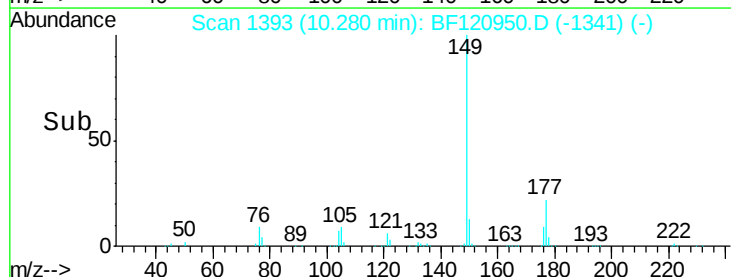
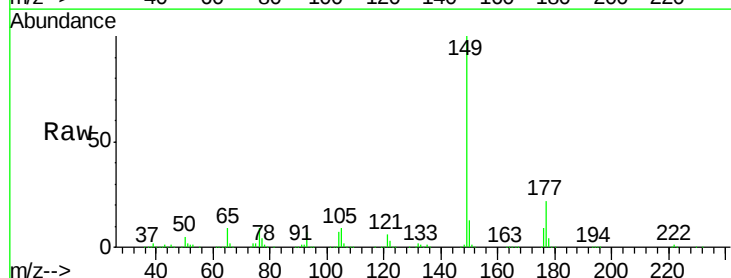
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#60
Diethylphthalate
Concen: 42.576 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.6	10.3	15.5





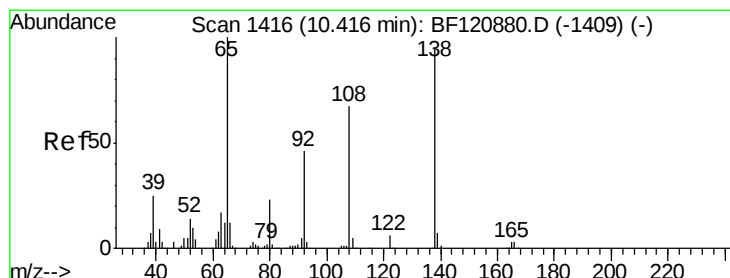
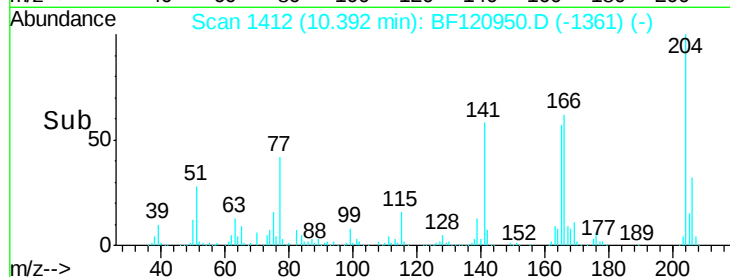
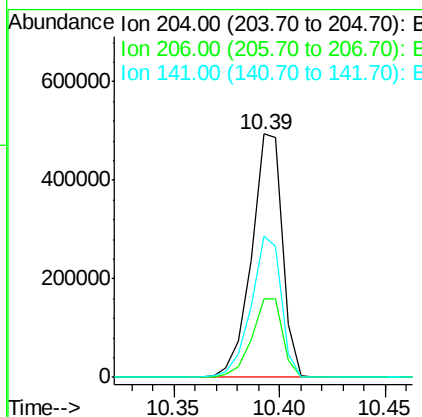
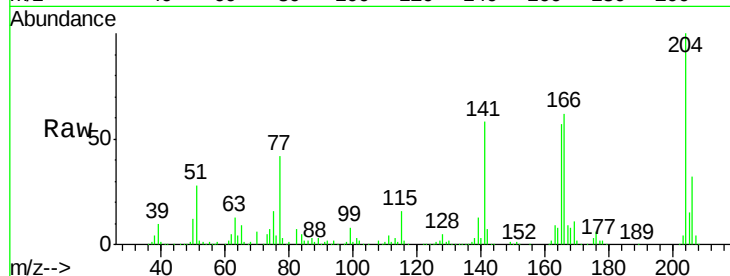
#61
4-Chlorophenyl-phenylether
Concen: 36.925 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	58.1	47.2	70.8

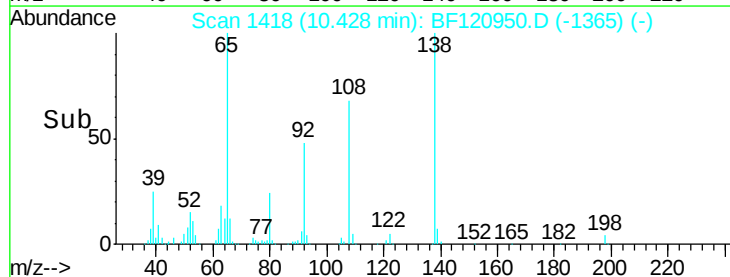
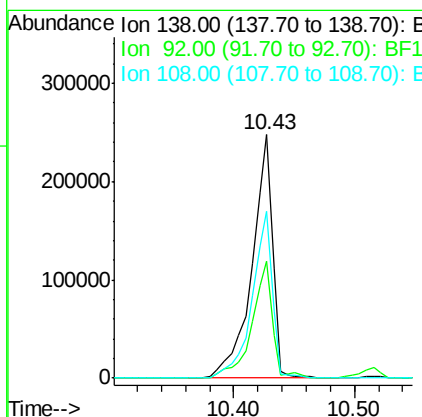
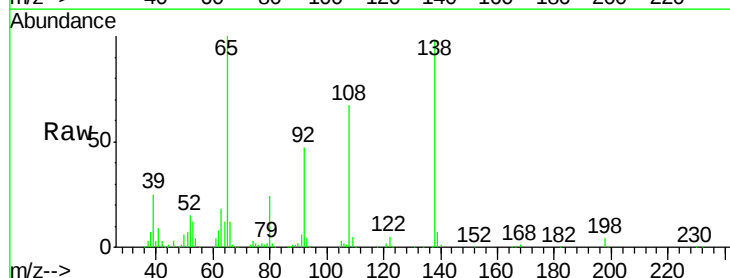
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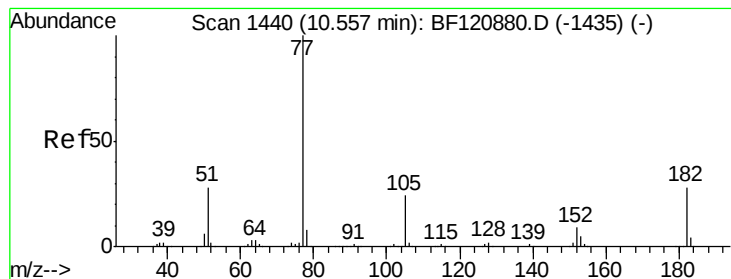
Sohil
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#62
4-Nitroaniline
Concen: 40.637 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.6	68.6
108	68.4	51.1	91.1





#63

Azobenzene

Concen: 41.914 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion: 77 Resp: 1122705

Ion Ratio Lower Upper

77 100

182 26.7 7.8 47.8

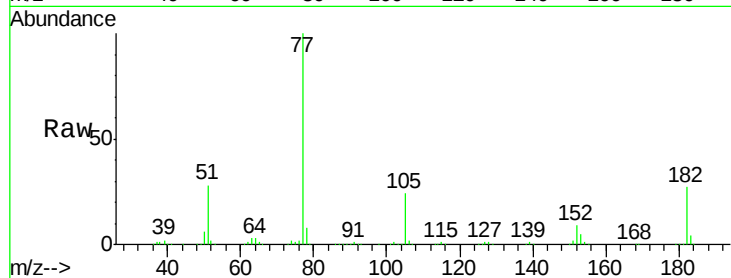
105 23.8 4.4 44.4

51 28.0 8.0 48.0

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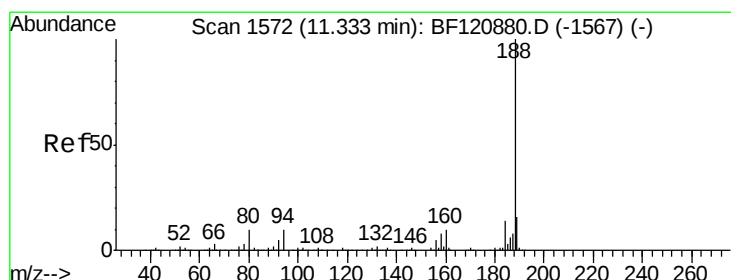
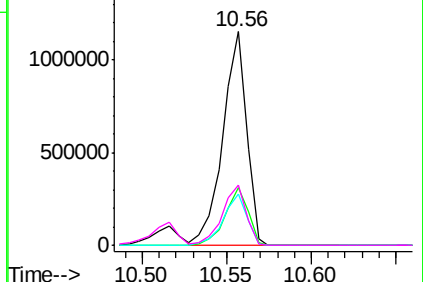
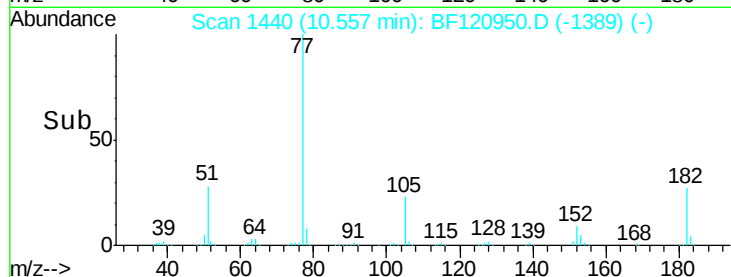


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

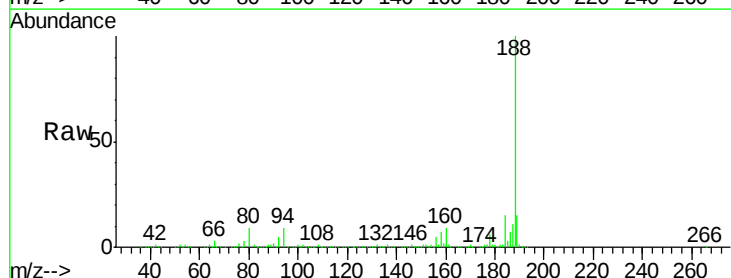
Tgt Ion: 188 Resp: 728252

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

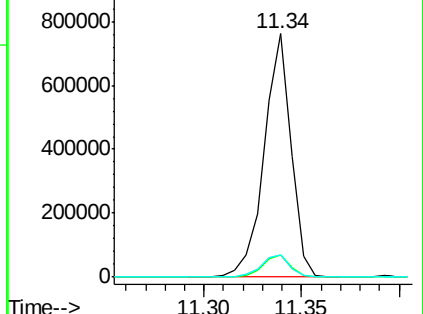
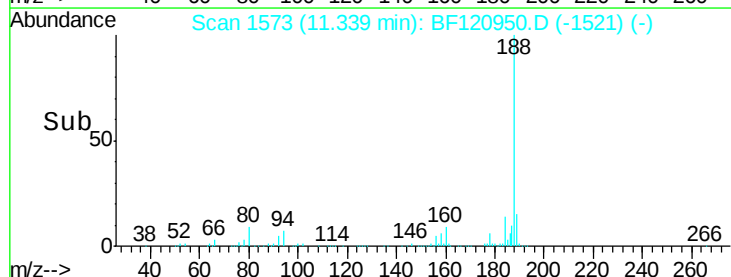
80 9.3 8.3 12.5

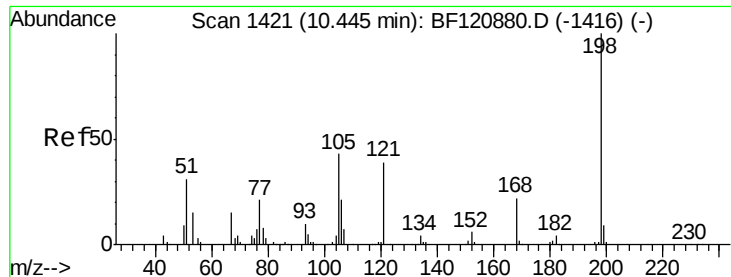


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.786 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

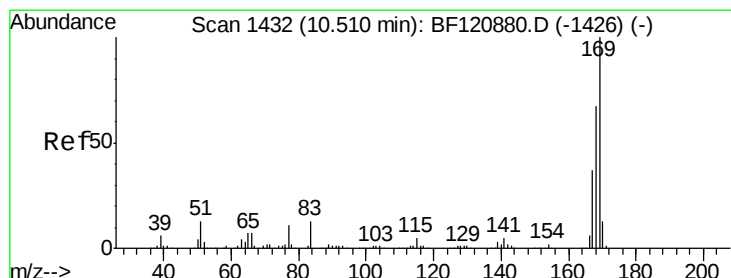
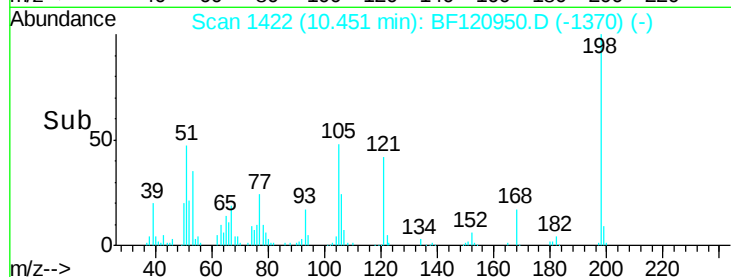
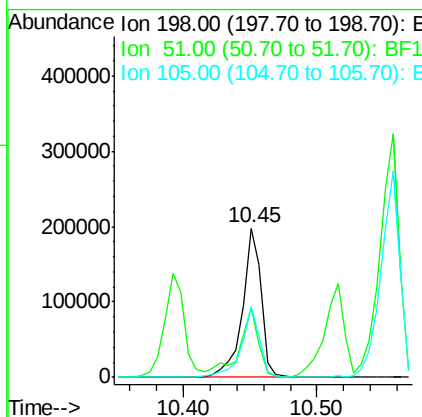
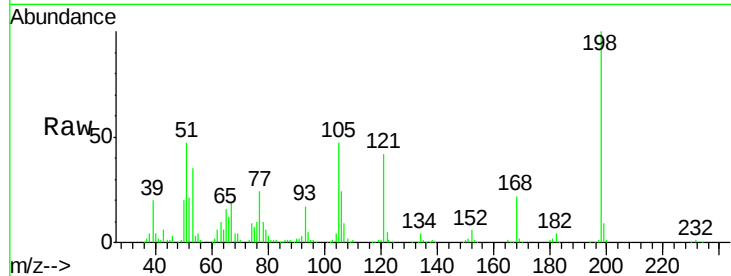
ClientSampled :

PB130301BSD

Tot Ion:	198	Resp:	192170
Ion Ratio	Lower	Upper	
198	100		
51	46.9	19.5	59.5
105	47.4	24.4	64.4

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#66

n-Nitrosodiphenylamine

Concen: 43.531 ng

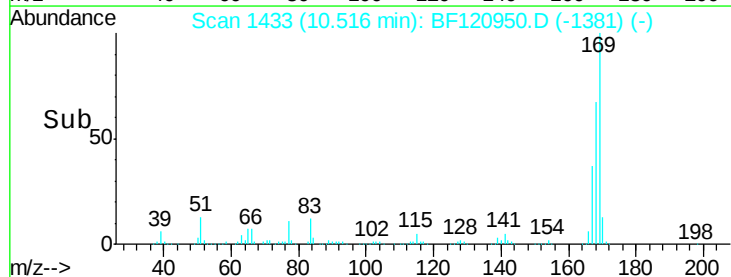
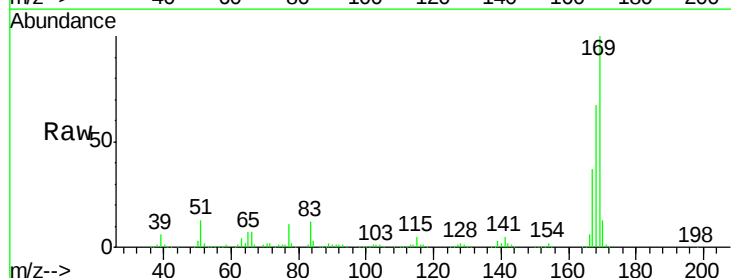
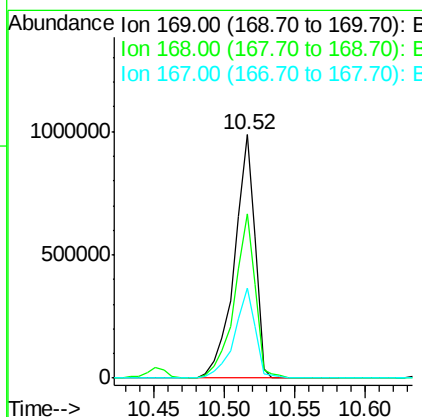
RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	169	Resp:	997265
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.4	80.0
167	37.2	29.4	44.0





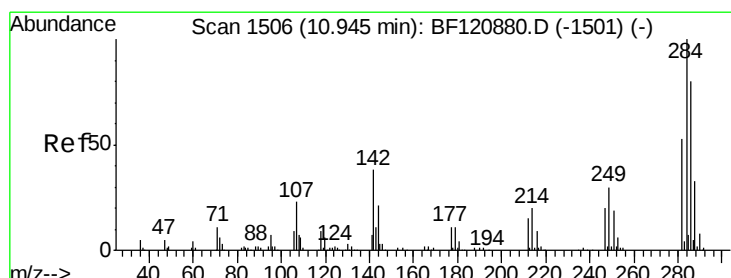
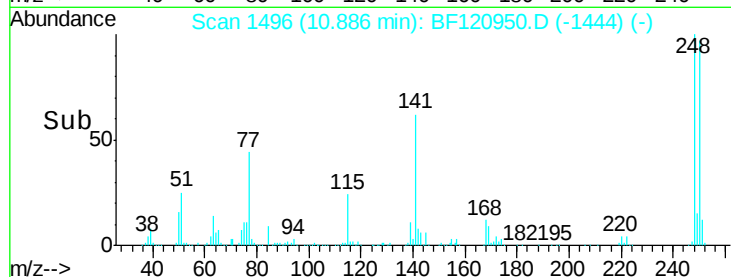
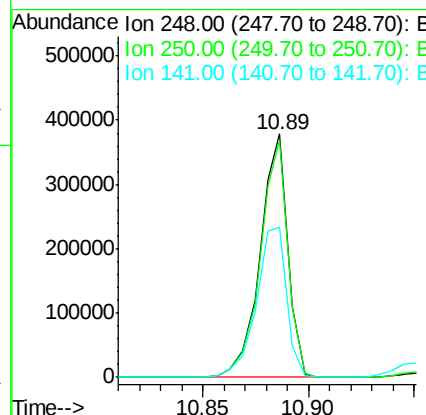
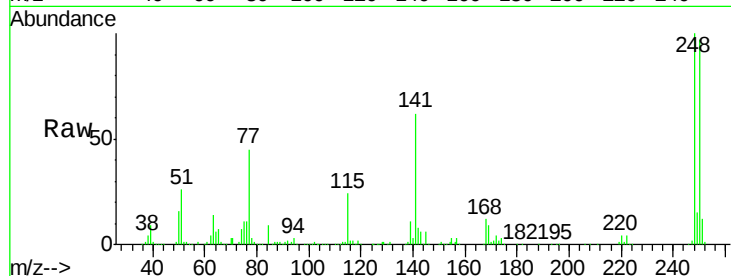
#67
 4-Bromophenyl-phenylether
 Concen: 42.481 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	61.8	61.2	91.8

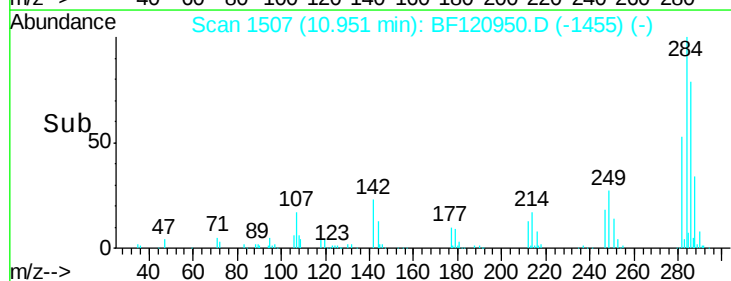
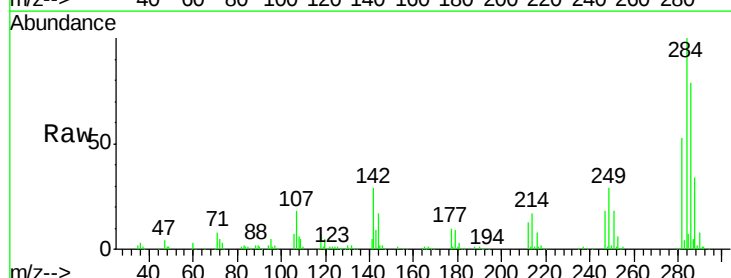
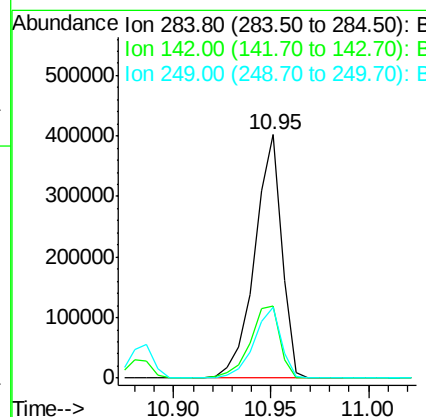
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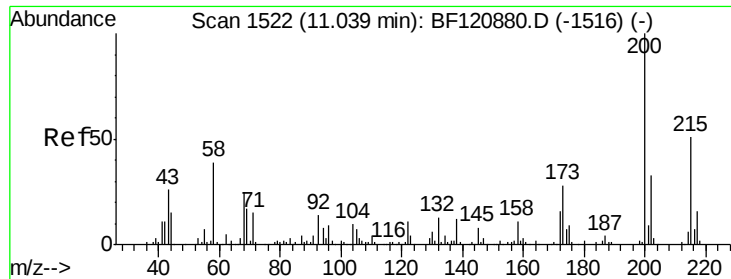
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#68
 Hexachlorobenzene
 Concen: 43.874 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	30.2	45.2#
249	29.1	24.2	36.2





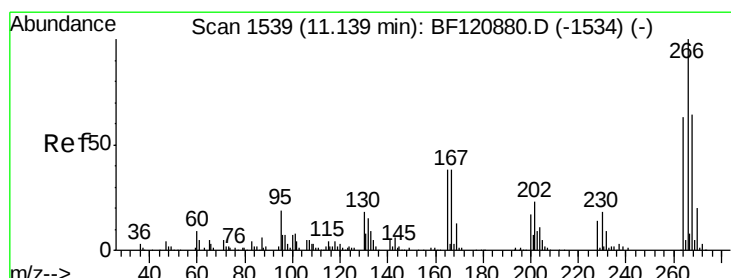
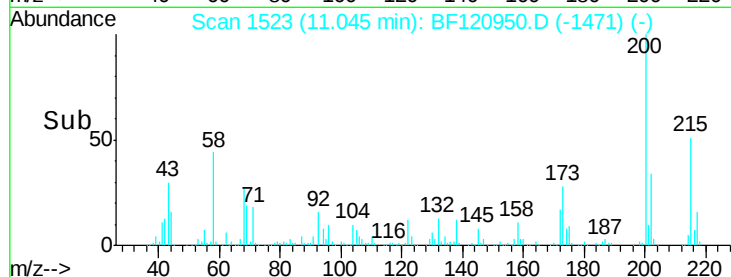
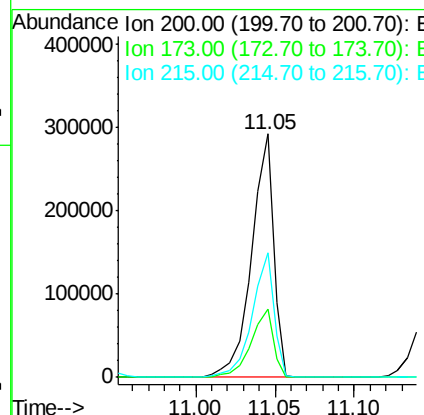
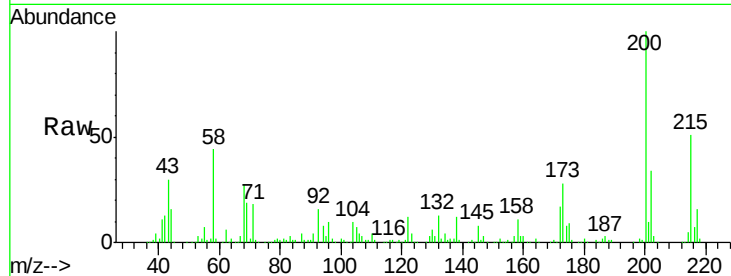
#69
 Atrazine
 Concen: 49.704 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.0	48.0
215	51.3	31.5	71.5

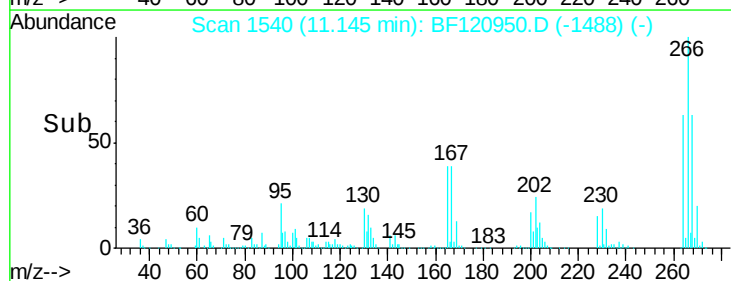
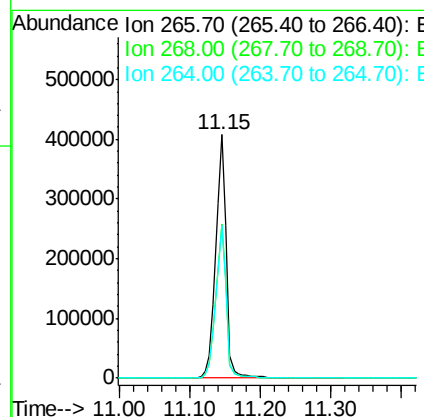
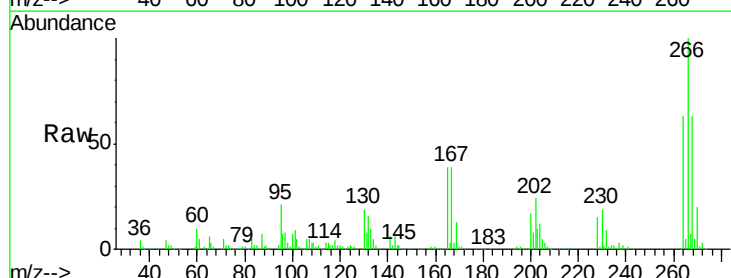
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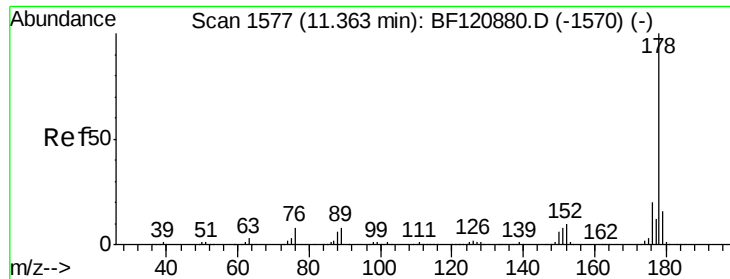
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#70
 Pentachlorophenol
 Concen: 85.929 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.8	50.2	75.2





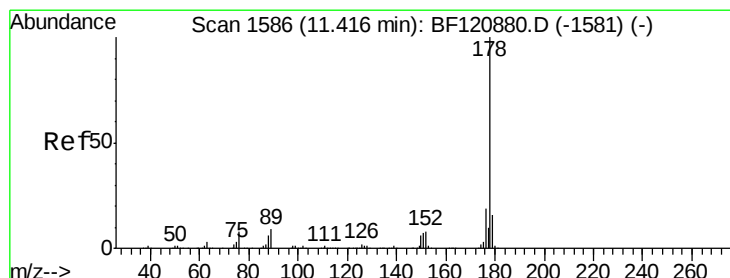
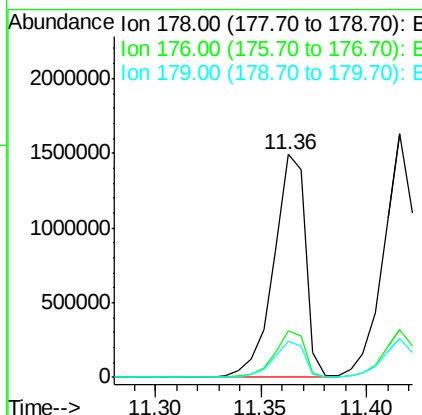
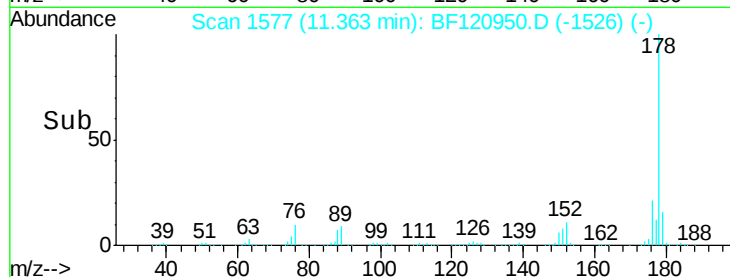
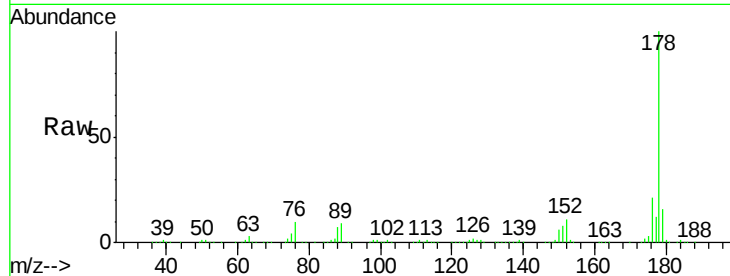
#71
Phenanthrene
Concen: 41.570 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:178 Resp: 1556966
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.4 12.8 19.2

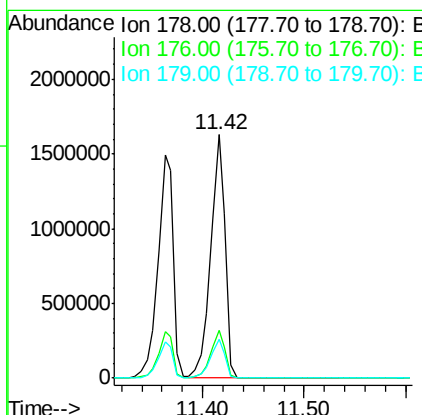
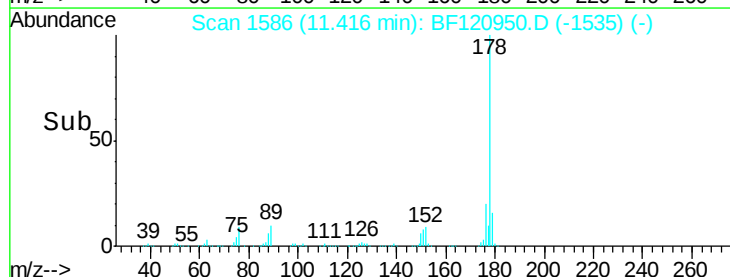
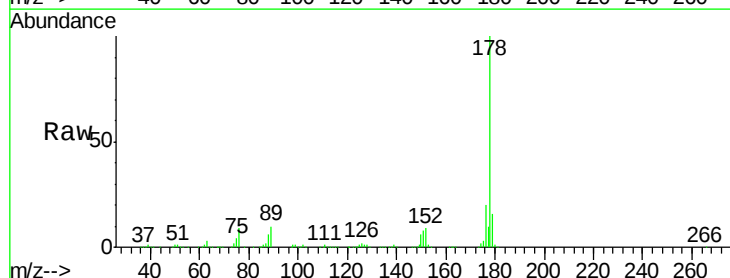
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#72
Anthracene
Concen: 42.768 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:178 Resp: 1608494
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.1 12.8 19.2





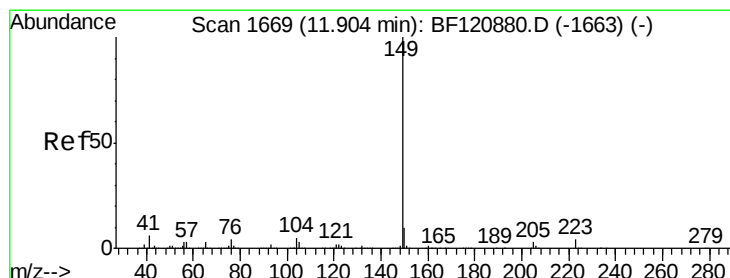
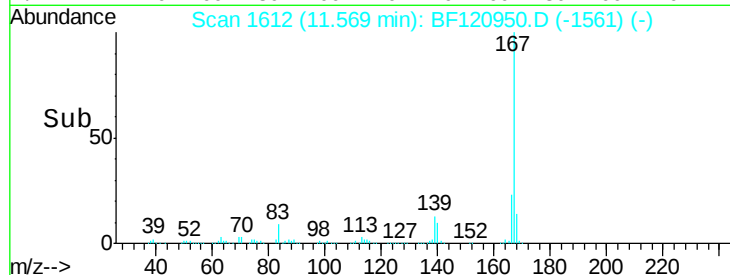
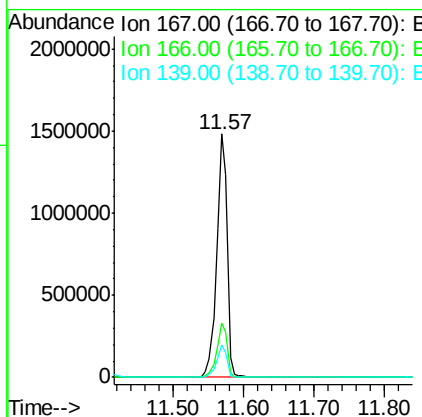
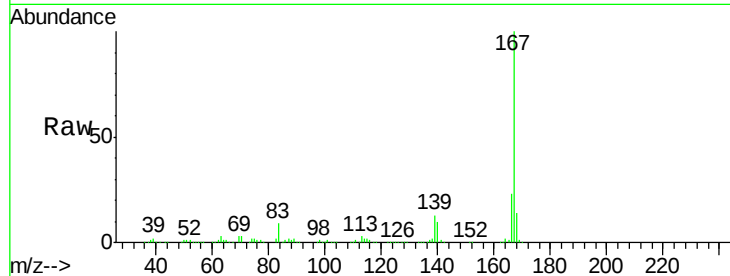
#73
 Carbazole
 Concen: 40.840 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion:167 Resp: 1524297
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 13.2 10.1 15.1

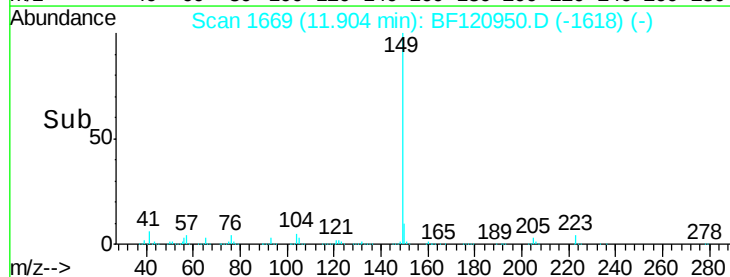
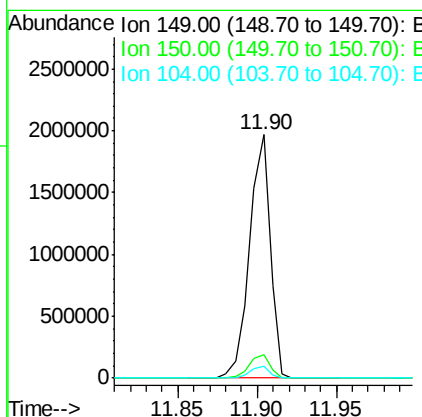
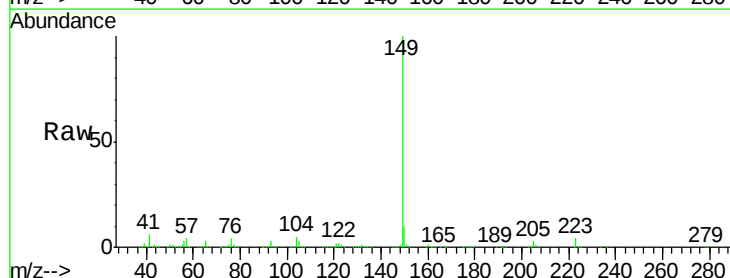
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#74
 Di-n-butylphthalate
 Concen: 41.412 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:149 Resp: 1783682
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 41.442 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

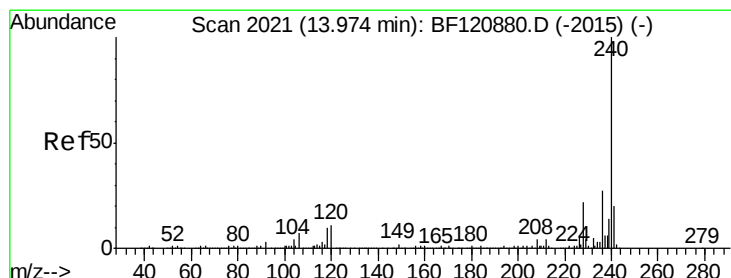
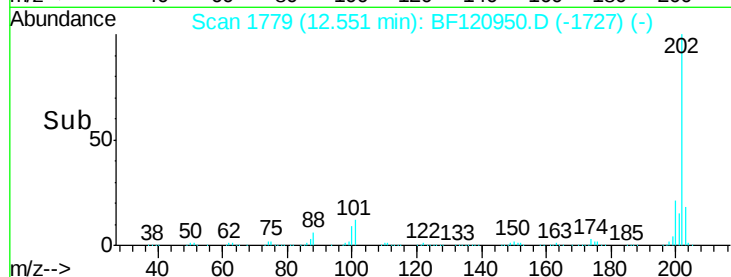
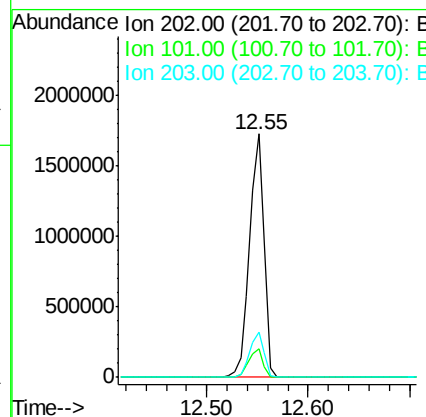
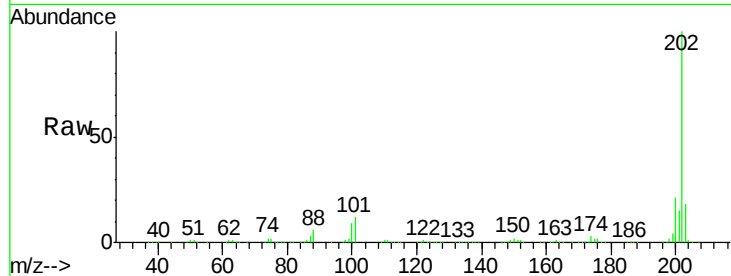
ClientSampleId :

PB130301BSD

Tot Ion:	202	Resp:	1720468
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.7
203	18.3	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

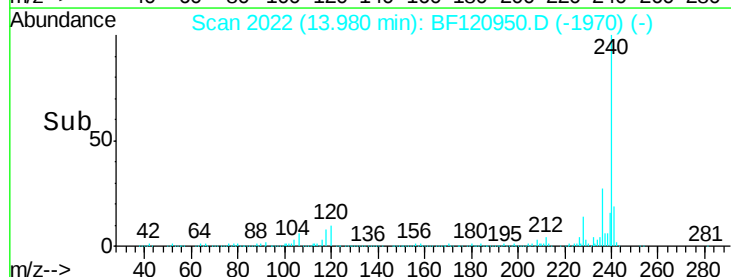
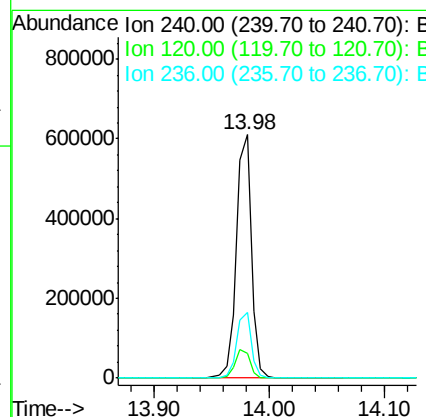
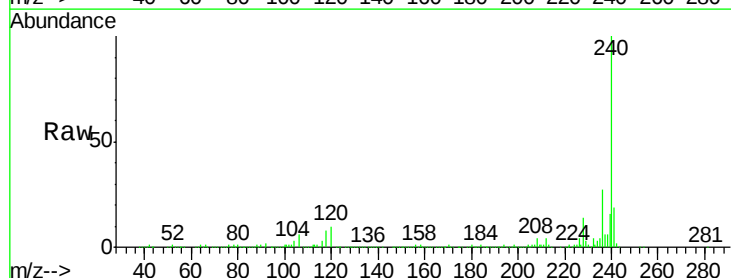
RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:	240	Resp:	550474
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.0	13.4
236	26.9	21.7	32.5





#77

Benzidine

Concen: 58.953 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

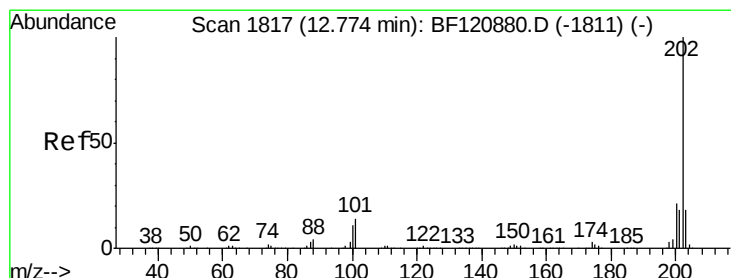
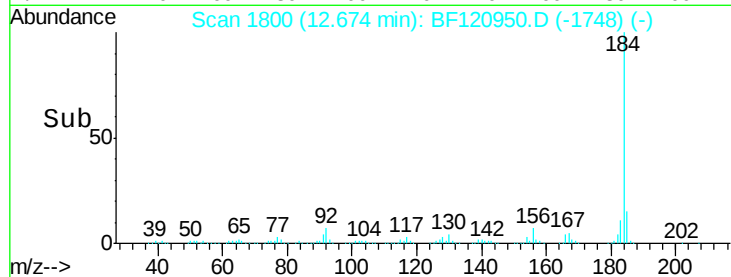
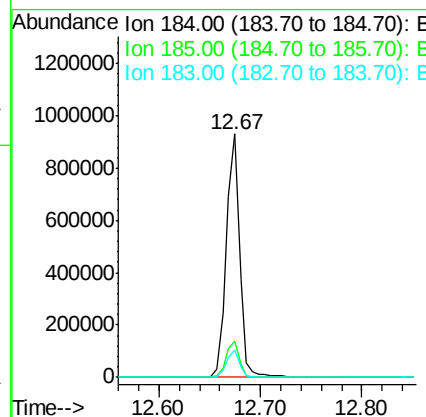
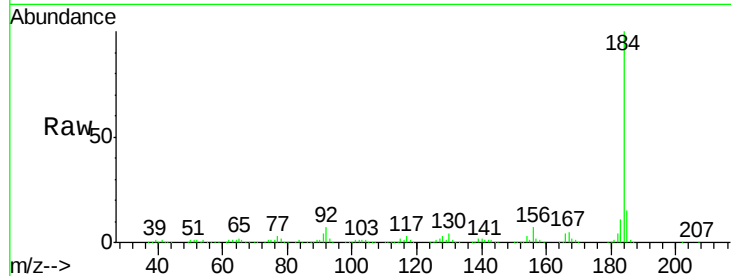
ClientSampleId :

PB130301BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.0	8.5	12.7

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#78

Pyrene

Concen: 44.845 ng

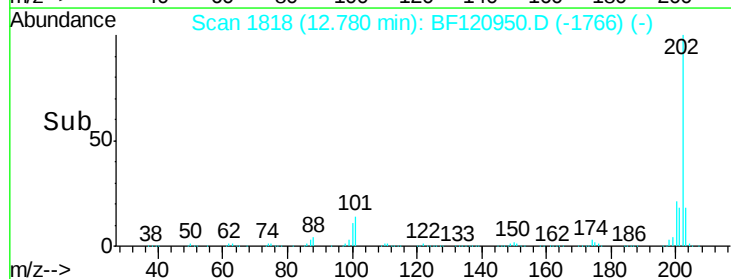
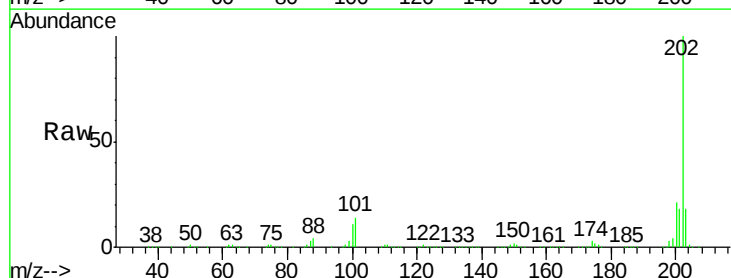
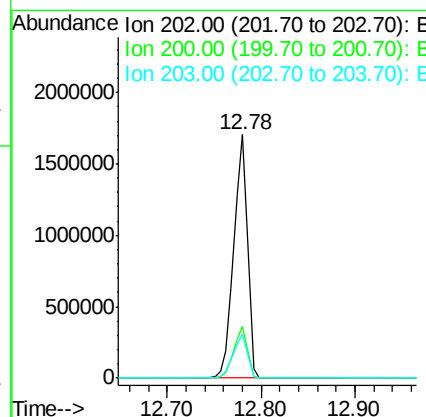
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.2	14.4	21.6





#79

Terphenyl-d14

Concen: 86.030 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:244 Resp: 2178559

Ion Ratio Lower Upper

244 100

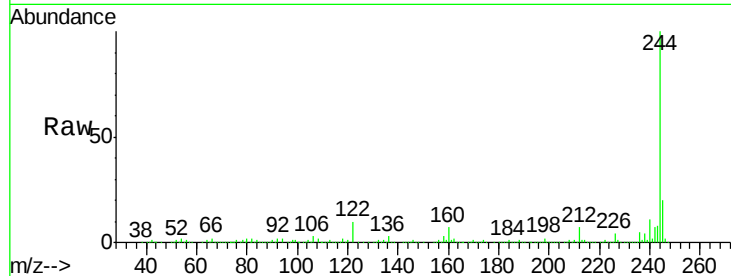
212 7.1 5.6 8.4

122 10.1 8.9 13.3

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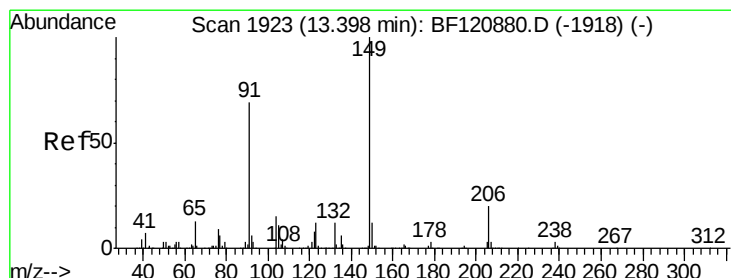
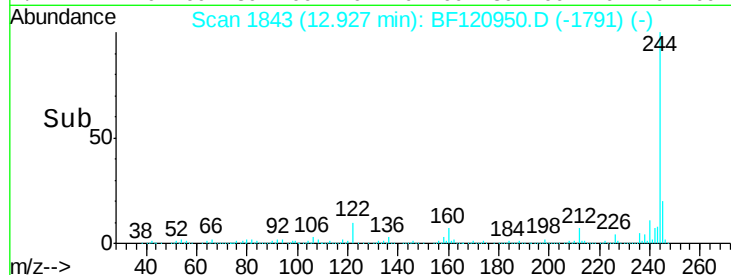
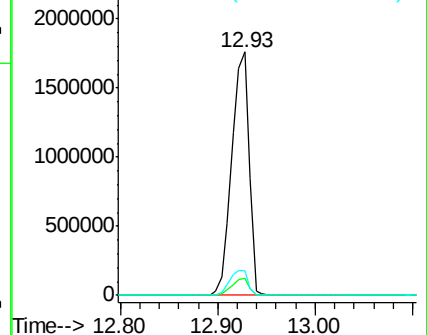
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.569 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

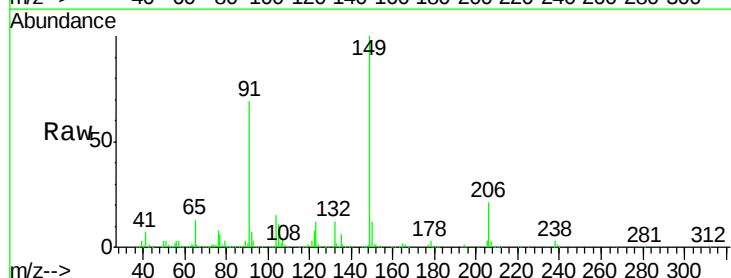
Tgt Ion:149 Resp: 790604

Ion Ratio Lower Upper

149 100

91 68.9 55.1 82.7

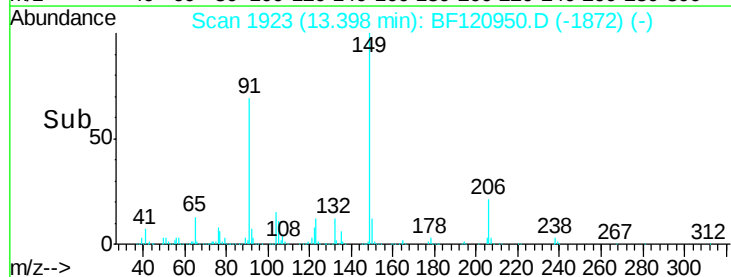
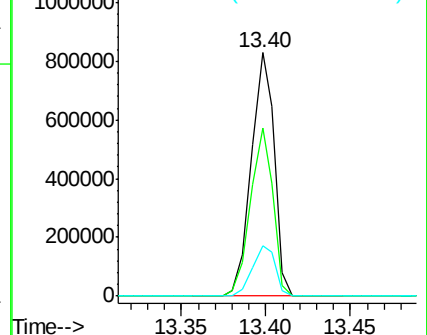
206 20.9 16.1 24.1

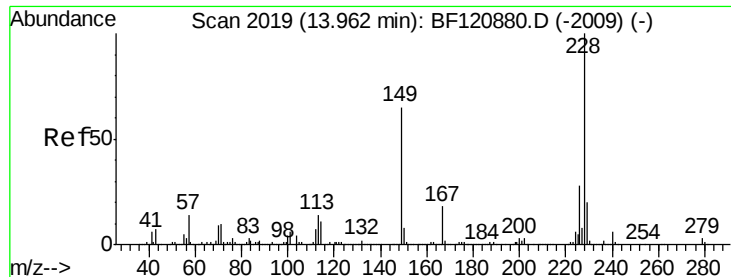


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.416 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:228 Resp: 1380562

Ion Ratio Lower Upper

228 100

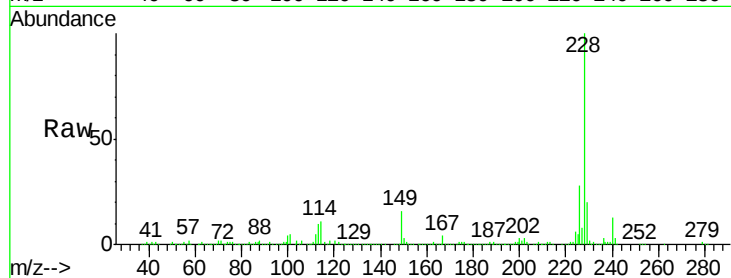
226 28.3 22.3 33.5

229 20.3 16.1 24.1

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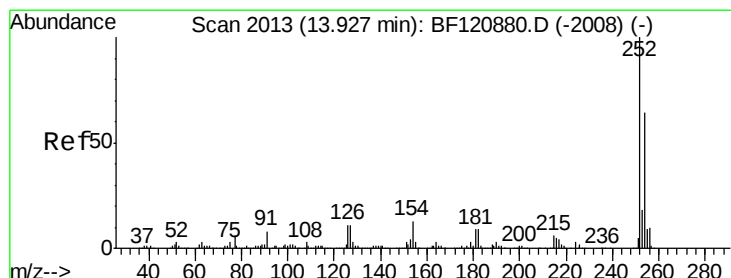
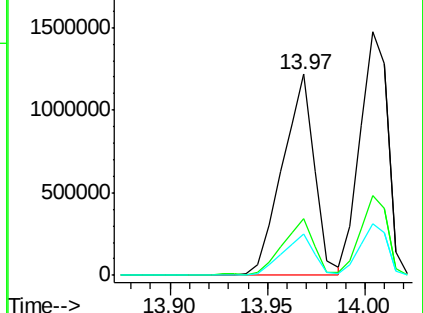
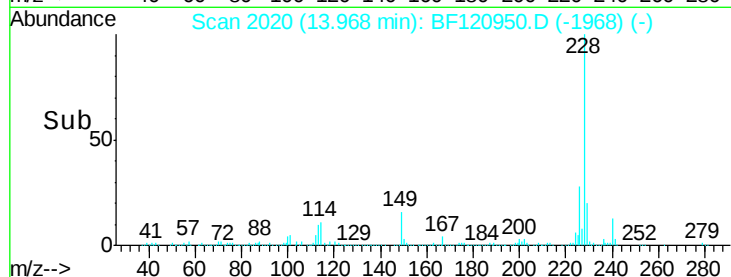
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.271 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

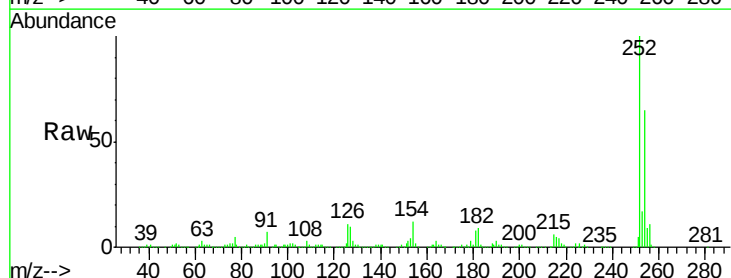
Tgt Ion:252 Resp: 544168

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

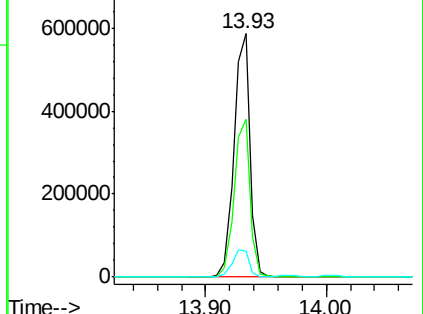
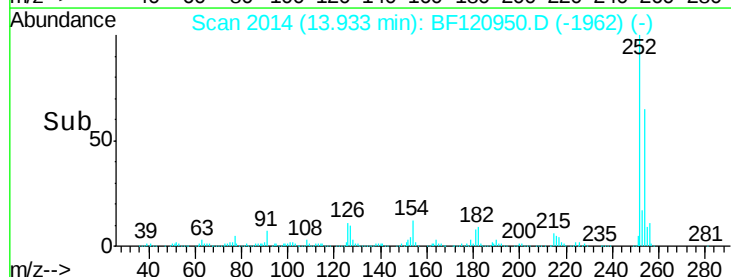
126 10.6 8.7 13.1

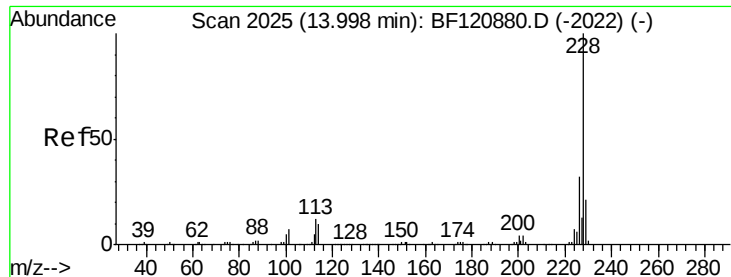


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





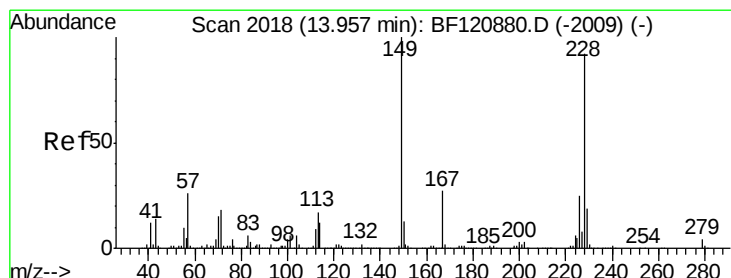
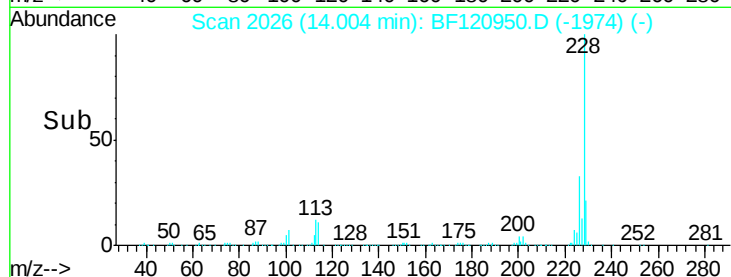
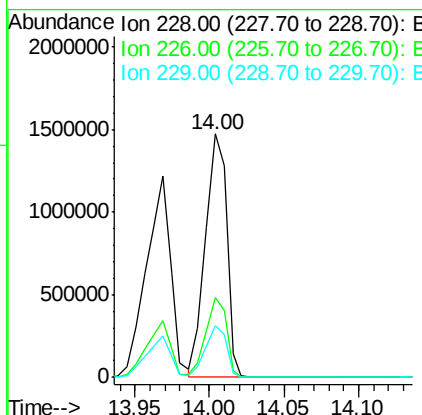
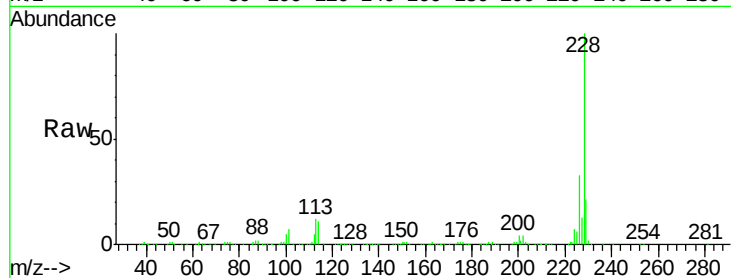
#83
Chrvsene
Concen: 41.616 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:228 Resp: 1457820
Ion Ratio Lower Upper
228 100
226 32.6 25.6 38.4
229 21.1 16.8 25.2

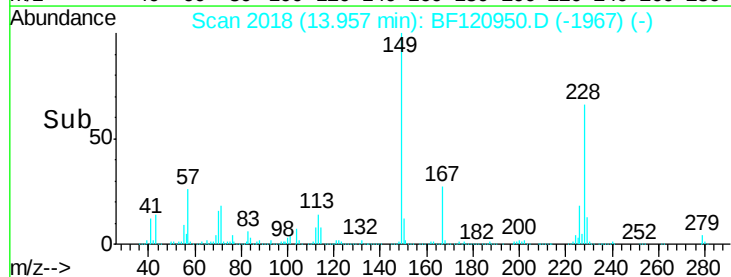
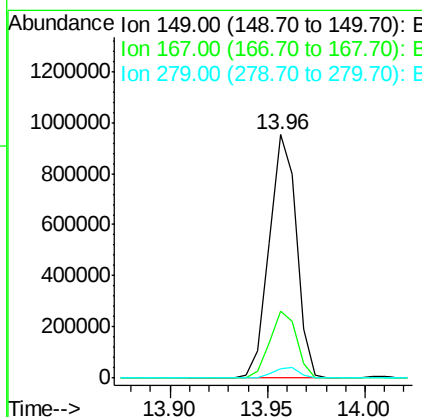
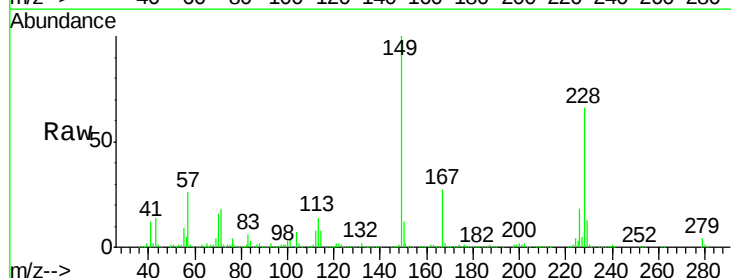
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.939 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:149 Resp: 918622
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 3.9 3.0 4.4





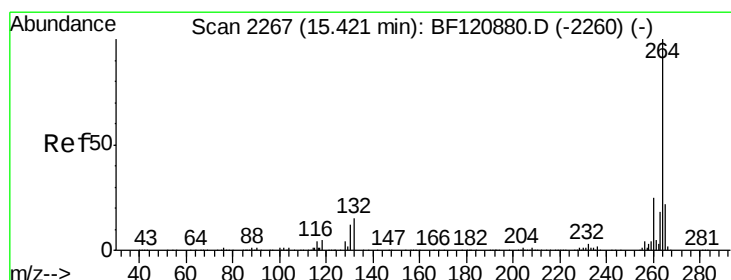
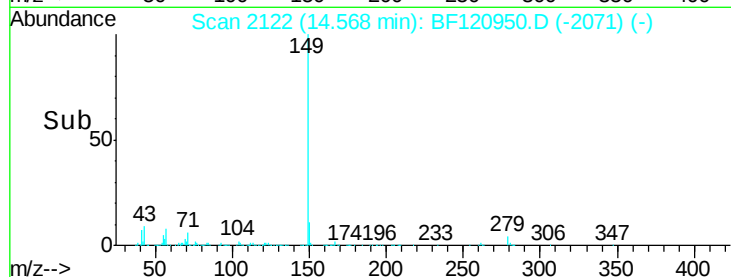
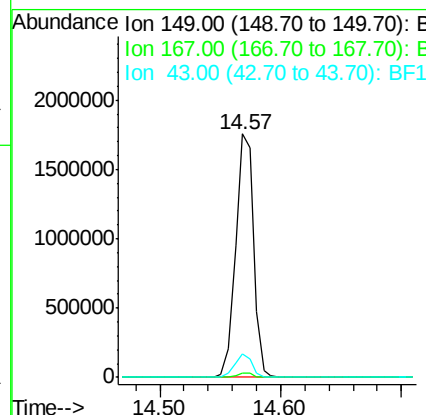
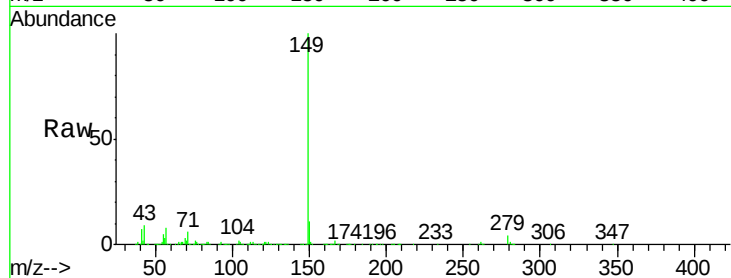
#85
Di-n-octyl phthalate
Concen: 42.705 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:149 Resp: 1817661
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4

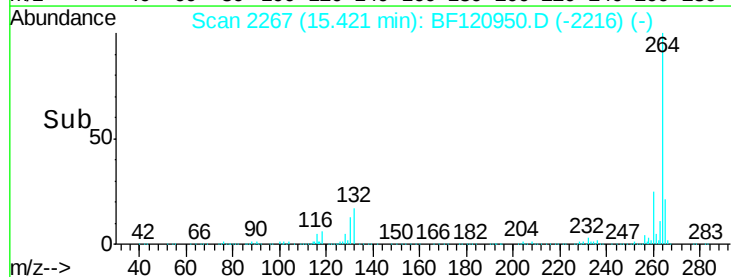
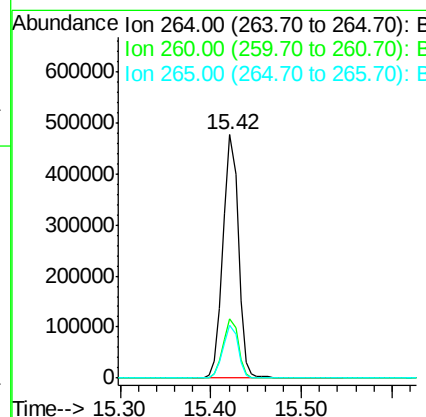
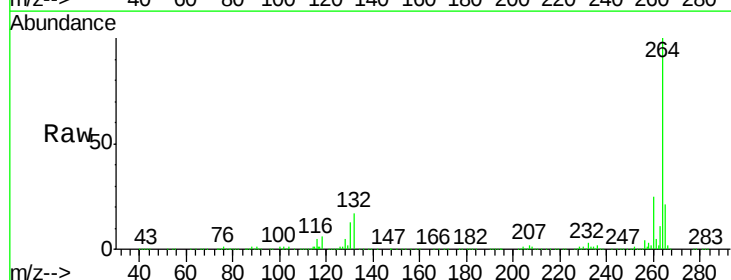
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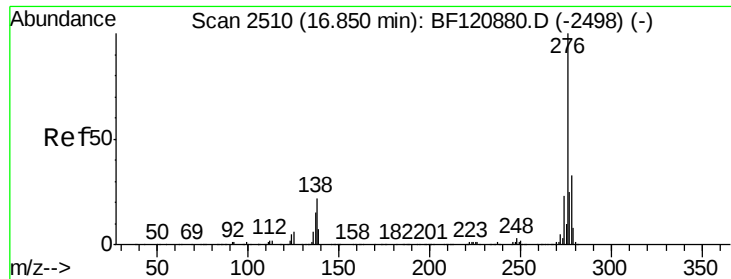
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:264 Resp: 558355
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.956 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

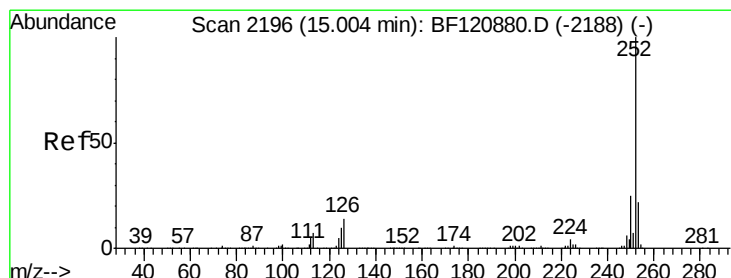
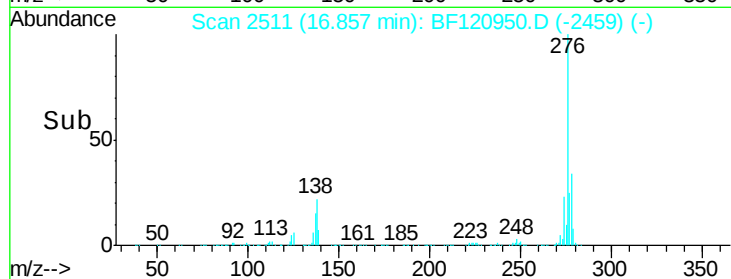
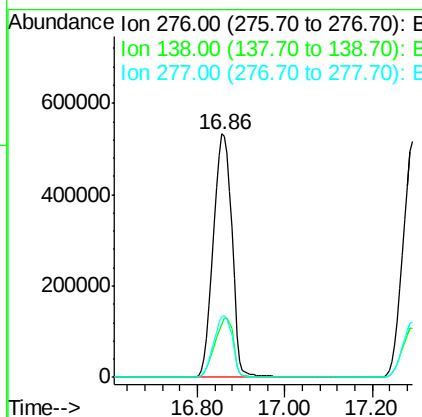
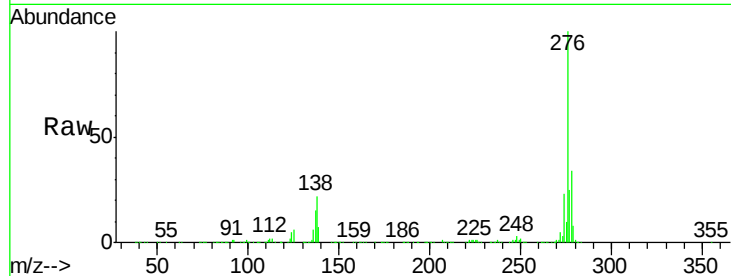
Instrument :
BNA_F

ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.4	20.2	30.2

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#88

Benzo(b)fluoranthene

Concen: 46.751 ng

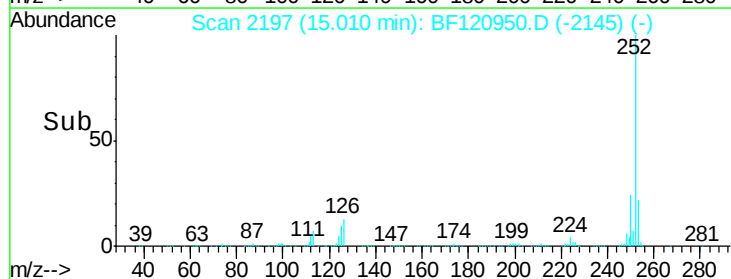
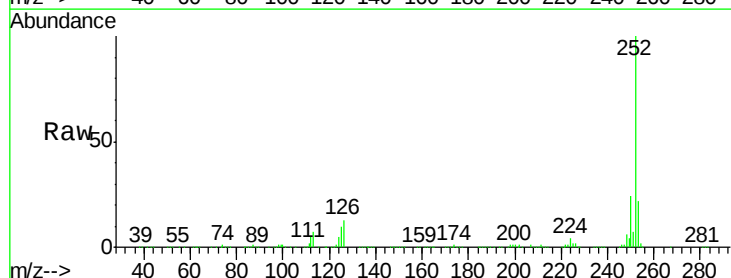
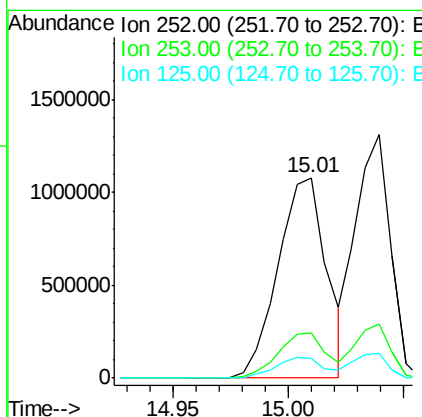
RT: 15.01 min Scan# 2197

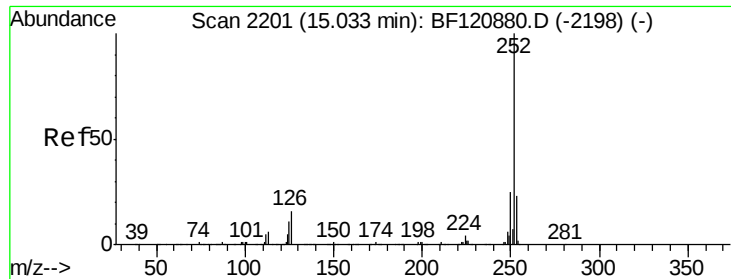
Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.1	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 45.051 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:252 Resp: 1386694

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

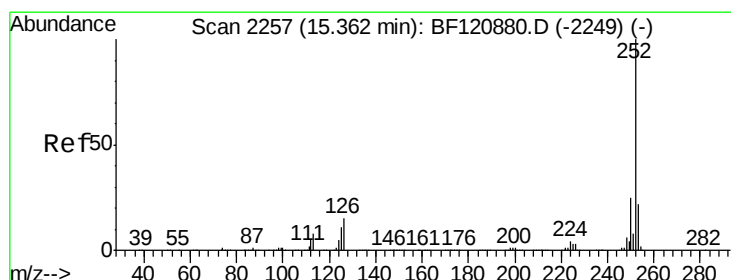
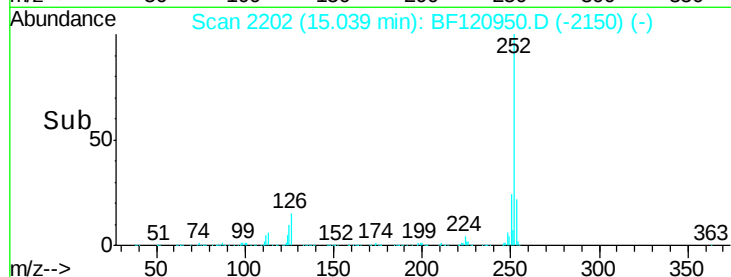
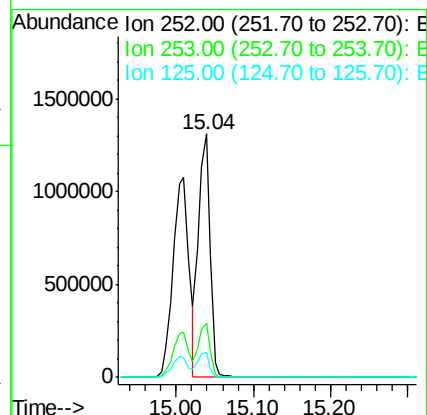
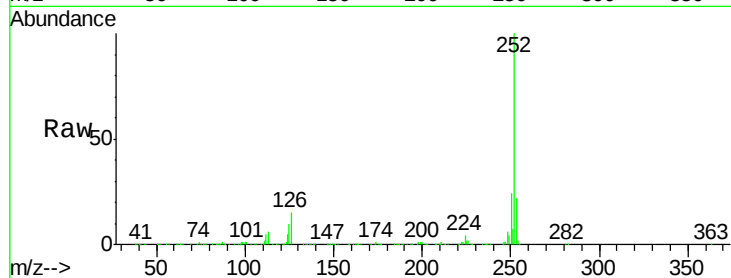
125 10.0 8.4 12.6

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#90

Benzo(a)pyrene

Concen: 44.399 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

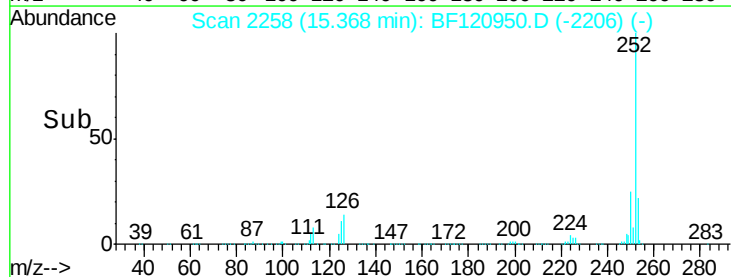
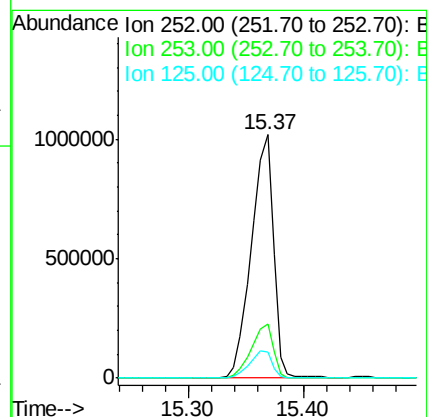
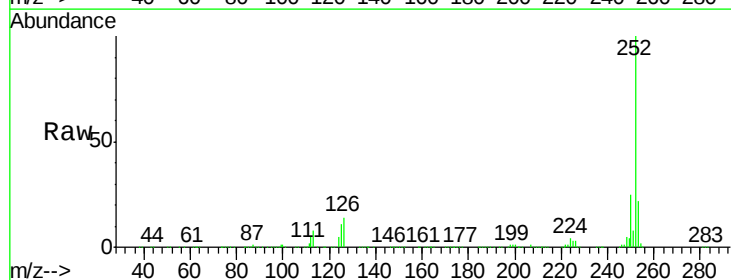
Tgt Ion:252 Resp: 1367155

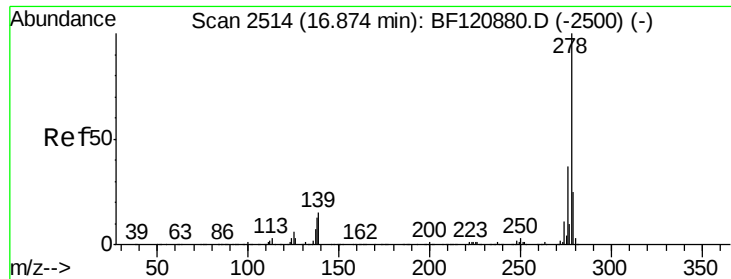
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.514 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:278 Resp: 1316818

Ion Ratio Lower Upper

278 100

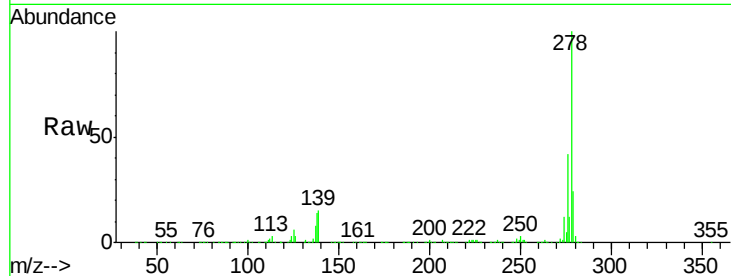
139 15.2 12.3 18.5

279 24.1 20.1 30.1

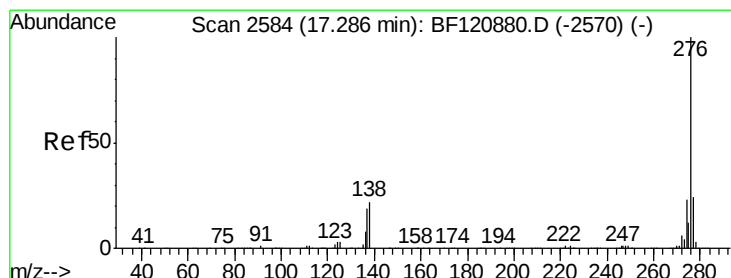
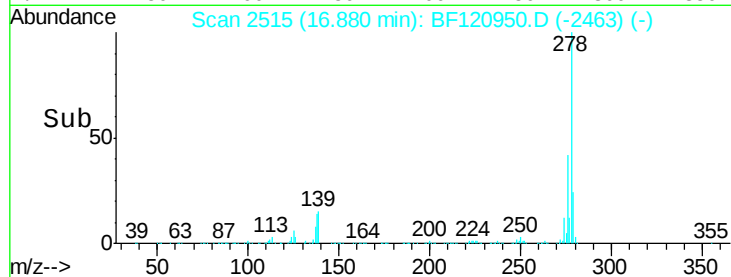
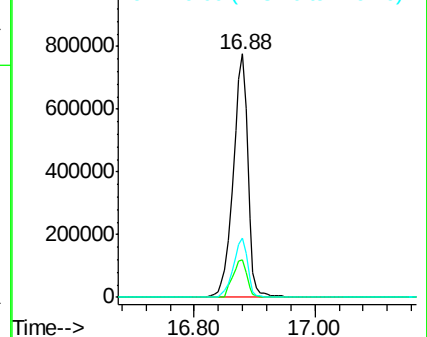
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.949 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

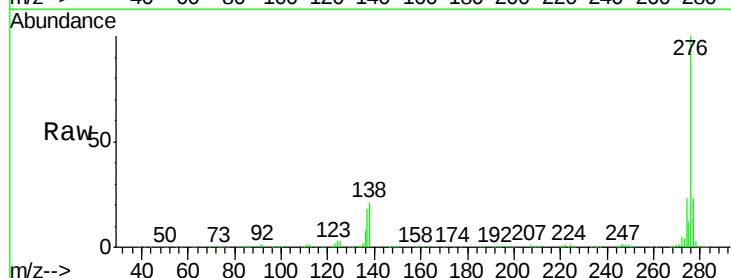
Tgt Ion:276 Resp: 1280680

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.8 17.5 26.3



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

