

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121199.D
 Acq On : 6 Aug 2020 12:28
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Quant Time: Aug 06 13:48:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141595	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	559008	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	299956	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	593094	20.00	ng	0.00
76) Chrysene-d12	13.97	240	486450	20.00	ng	0.00
86) Perylene-d12	15.41	264	508256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	808266	93.58	ng	0.00
7) Phenol-d6	6.44	99	1021633	91.57	ng	0.00
23) Nitrobenzene-d5	7.36	82	680489	70.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	330479	100.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1252027	62.32	ng	0.00
79) Terphenyl-d14	12.91	244	1371497	61.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	149517	37.613	ng	99
3) Pyridine	3.26	79	366807	34.688	ng	98
4) n-Nitrosodimethylamine	3.21	42	197640	43.708	ng	93
6) Aniline	6.46	93	520224	35.720	ng	# 81
8) 2-Chlorophenol	6.58	128	464954	48.865	ng	99
9) Benzaldehyde	6.35	77	285334	60.321	ng	98
10) Phenol	6.45	94	539395	43.949	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	432639	45.996	ng	100
12) 1,3-Dichlorobenzene	6.73	146	446998	43.324	ng	98
13) 1,4-Dichlorobenzene	6.81	146	452009	44.058	ng	99
14) 1,2-Dichlorobenzene	6.96	146	439519	45.284	ng	99
15) Benzyl Alcohol	6.95	79	380054	48.168	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	599856	44.246	ng	99
17) 2-Methylphenol	7.06	107	368103	43.648	ng	100
18) Hexachloroethane	7.30	117	166402	44.812	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	282101	44.465	ng	98
20) 3+4-Methylphenols	7.21	107	419388	39.092	ng	94
22) Acetophenone	7.20	105	568033	45.277	ng	97
24) Nitrobenzene	7.38	77	465831	44.738	ng	99
25) Isophorone	7.62	82	878347	45.555	ng	98
26) 2-Nitrophenol	7.70	139	255739	51.714	ng	98
27) 2,4-Dimethylphenol	7.74	122	393388	48.995	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	556661	47.297	ng	100
29) 2,4-Dichlorophenol	7.94	162	391531	47.721	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	405719	44.571	ng	99
31) Naphthalene	8.10	128	1255448	43.783	ng	100
32) Benzoic acid	7.89	122	304983	50.601	ng	99
33) 4-Chloroaniline	8.15	127	381702	29.840	ng	99
34) Hexachlorobutadiene	8.22	225	228493	42.581	ng	98
35) Caprolactam	8.55	113	93605	35.577	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	415067	49.327	ng	97
37) 2-Methylnaphthalene	8.79	142	873035	46.891	ng	100
38) 1-Methylnaphthalene	8.89	142	818377	46.410	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	401660	45.959	ng	100

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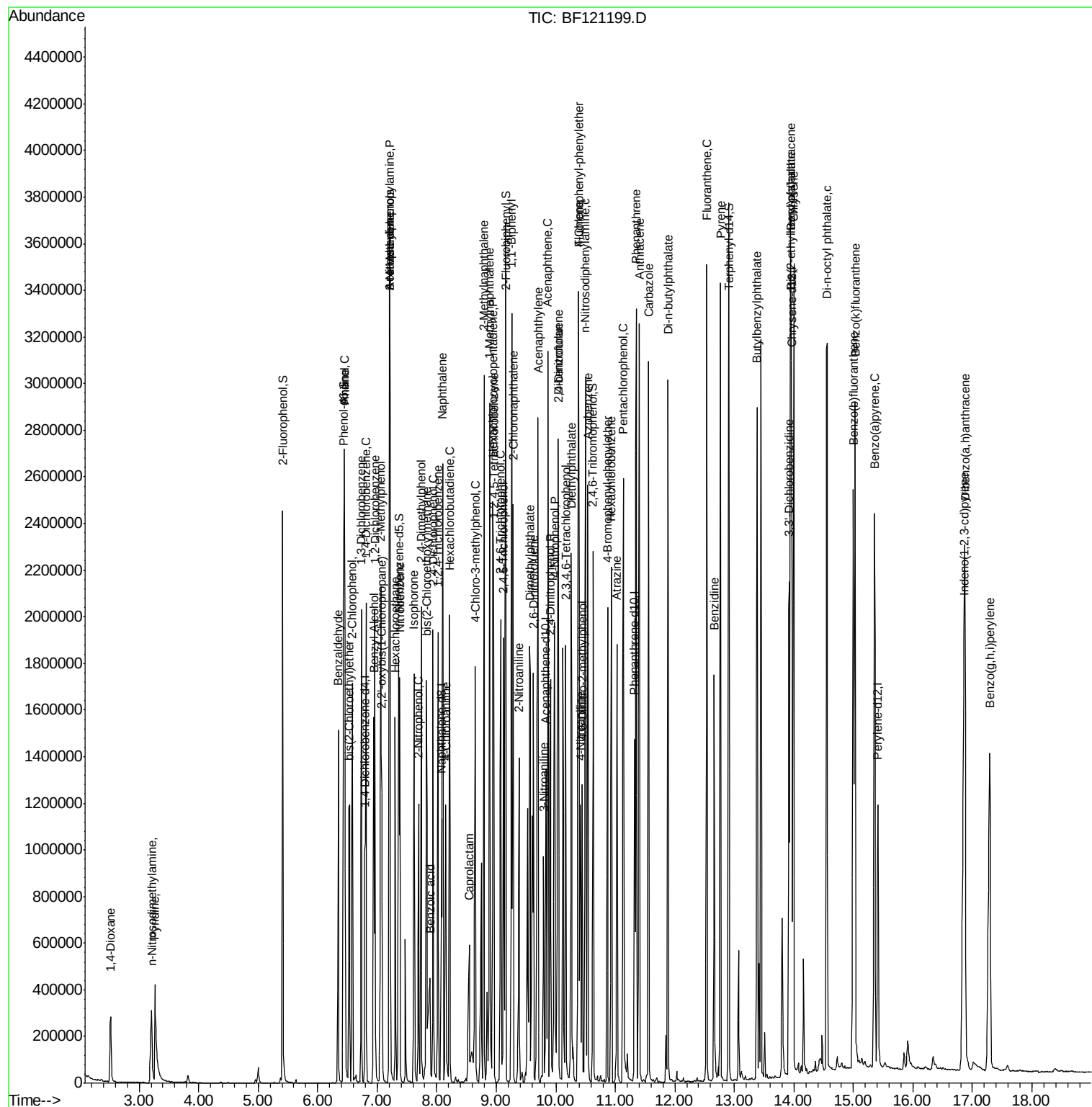
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	383447	79.387	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	291244	47.331	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	316038	45.278	nq	99
46) 1,1'-Biphenyl	9.26	154	1062344	46.430	nq	99
47) 2-Chloronaphthalene	9.28	162	822159	44.073	nq	98
48) 2-Nitroaniline	9.38	65	275191	48.814	nq	98
49) Acenaphthylene	9.70	152	1323861	45.681	nq	100
50) Dimethylphthalate	9.56	163	1151559	53.214	nq	100
51) 2,6-Dinitrotoluene	9.63	165	229687	49.404	nq	98
52) Acenaphthene	9.87	154	759787	41.237	nq	99
53) 3-Nitroaniline	9.80	138	182324	31.269	nq	96
54) 2,4-Dinitrophenol	9.91	184	265912	97.713	nq	97
55) Dibenzofuran	10.05	168	1151088	43.202	nq	99
56) 4-Nitrophenol	9.97	139	391698	88.434	nq	95
57) 2,4-Dinitrotoluene	10.03	165	296624	48.585	nq	# 87
58) Fluorene	10.39	166	878909	44.229	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	269945	50.795	nq	100
60) Diethylphthalate	10.26	149	1021163	46.653	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	428943	40.469	nq	99
62) 4-Nitroaniline	10.42	138	267565	47.108	nq	97
63) Azobenzene	10.54	77	948500	45.518	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	183246	52.953	nq	98
66) n-Nitrosodiphenylamine	10.50	169	854599	45.804	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	292864	44.289	nq	96
68) Hexachlorobenzene	10.93	284	334534	46.768	nq	# 92
69) Atrazine	11.03	200	250501	54.213	nq	99
70) Pentachlorophenol	11.13	266	370212	90.343	nq	98
71) Phenanthrene	11.35	178	1344877	44.090	nq	100
72) Anthracene	11.40	178	1397859	45.638	nq	100
73) Carbazole	11.56	167	1368192	45.011	nq	100
74) Di-n-butylphthalate	11.89	149	1598586	45.572	nq	100
75) Fluoranthene	12.54	202	1572261	46.503	nq	99
77) Benzidine	12.66	184	737385	57.655	nq	99
78) Pyrene	12.77	202	1604181	46.644	nq	99
80) Butylbenzylphthalate	13.38	149	738768	48.186	nq	94
81) Benzo(a)anthracene	13.96	228	1390891	47.218	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	499388	44.936	nq	99
83) Chrysene	14.00	228	1395639	45.084	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	945621	50.018	nq	100
85) Di-n-octyl phthalate	14.56	149	1743500	46.354	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1536194	43.460	nq	100
88) Benzo(b)fluoranthene	15.00	252	1508519	49.102	nq	99
89) Benzo(k)fluoranthene	15.03	252	1378669	49.206	nq	99
90) Benzo(a)pyrene	15.36	252	1331018	47.486	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	1250356	43.305	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1312426	46.100	nq	100

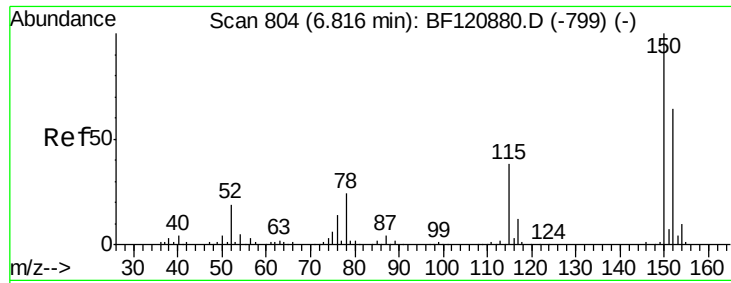
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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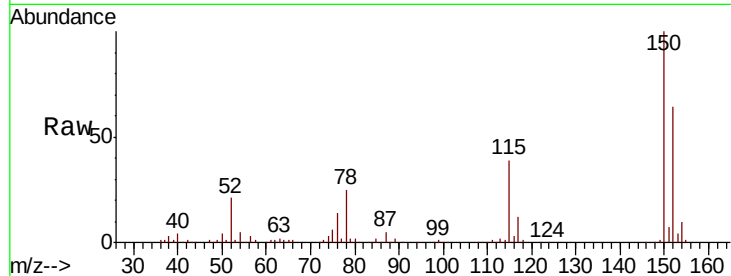


#1

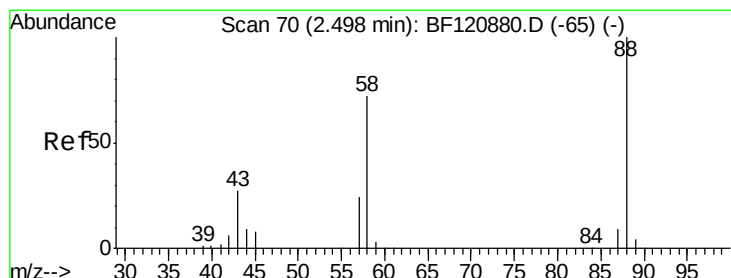
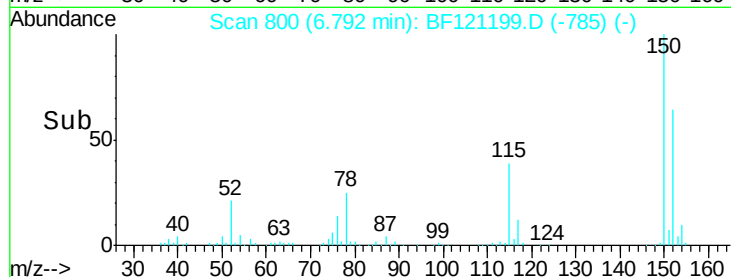
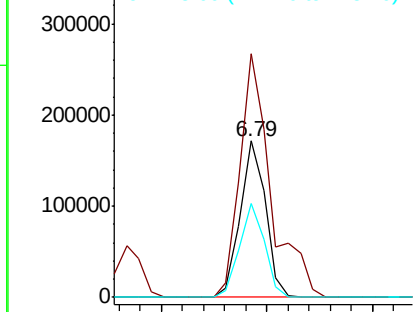
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:152 Resp: 141595
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 60.4 46.2 69.2



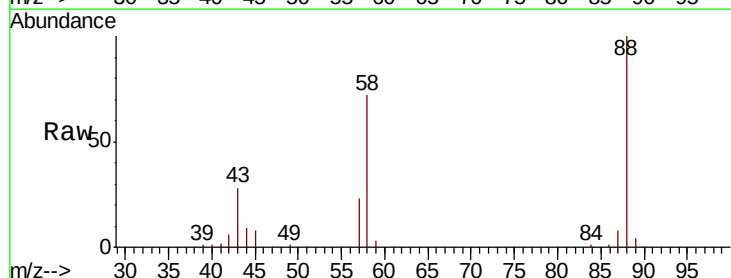
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



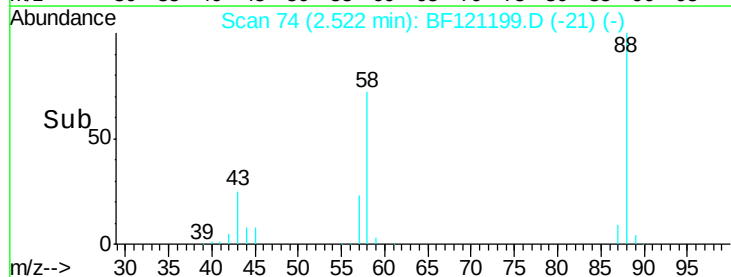
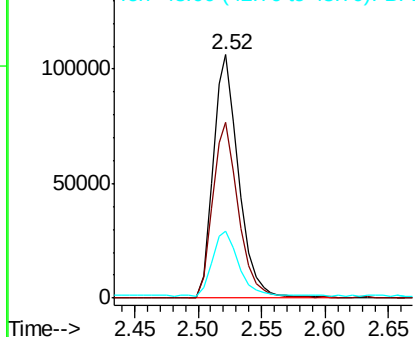
#2

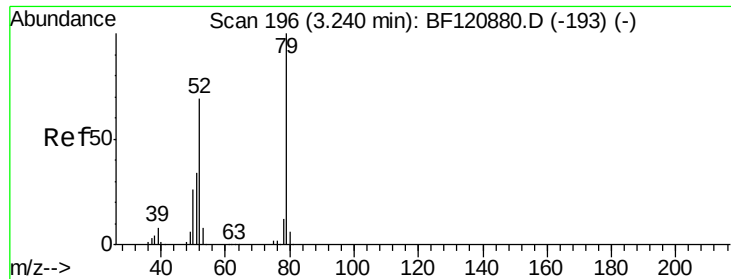
1,4-Dioxane
Concen: 37.613 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion: 88 Resp: 149517
Ion Ratio Lower Upper
88 100
58 73.6 58.2 87.4
43 27.6 21.3 31.9



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





#3

Pvridine

Concen: 34.688 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

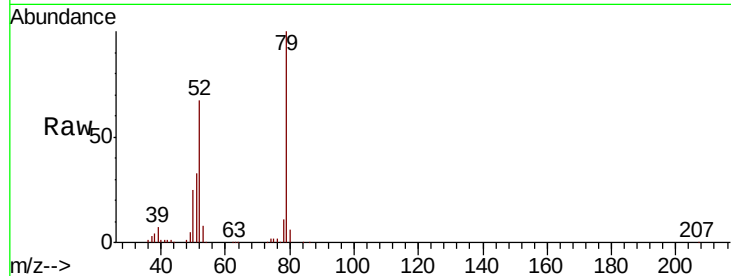
Tot Ion: 79 Resp: 366807

Ion Ratio Lower Upper

79 100

52 66.8 54.9 82.3

51 33.3 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

50000

0

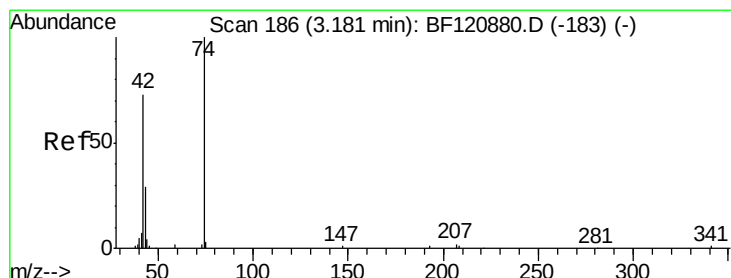
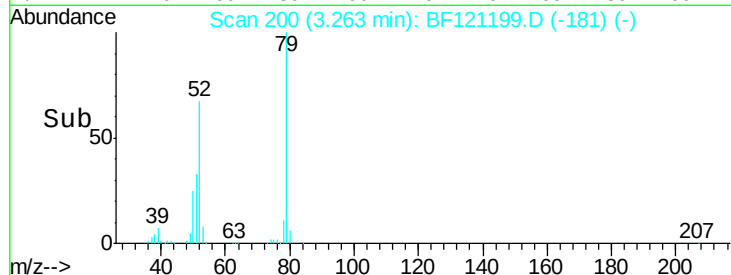
3.26

3.20

3.40

3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 43.708 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

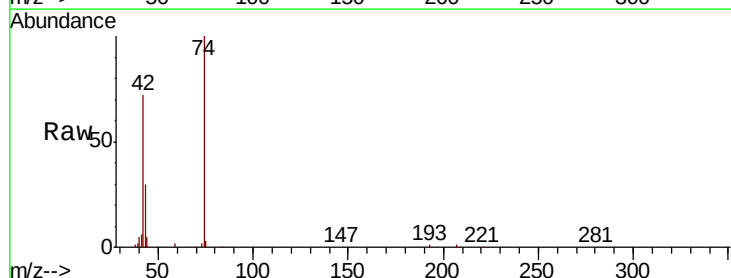
Tgt Ion: 42 Resp: 197640

Ion Ratio Lower Upper

42 100

74 138.1 117.3 175.9

44 6.5 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

50000

0

3.21

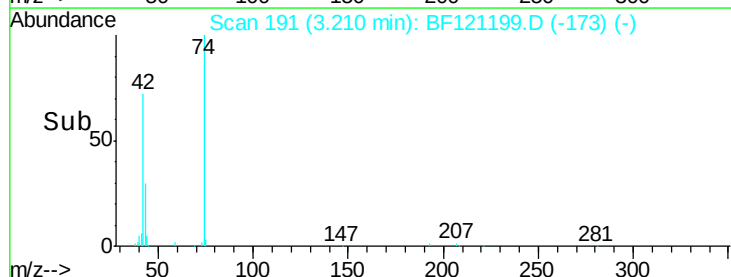
3.15

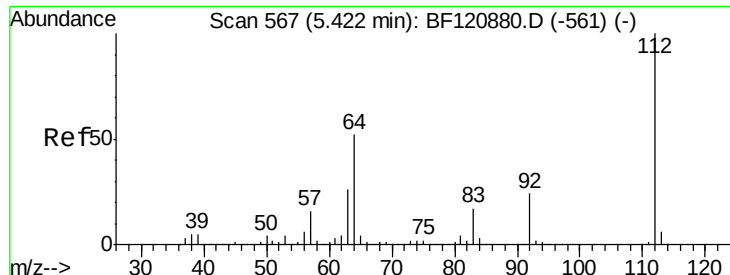
3.20

3.25

3.30

Time-->





#5

2-Fluorophenol

Concen: 93.579 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

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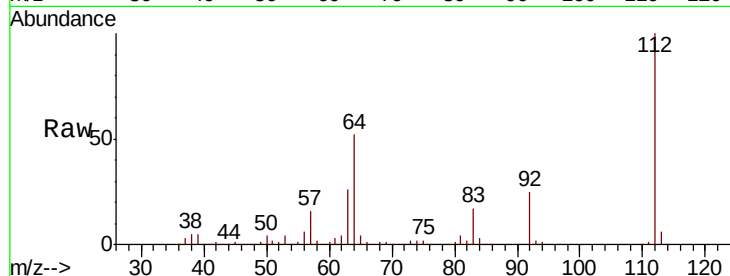
Tot Ion:112 Resp: 808266

Ion Ratio Lower Upper

112 100

64 52.3 43.9 65.9

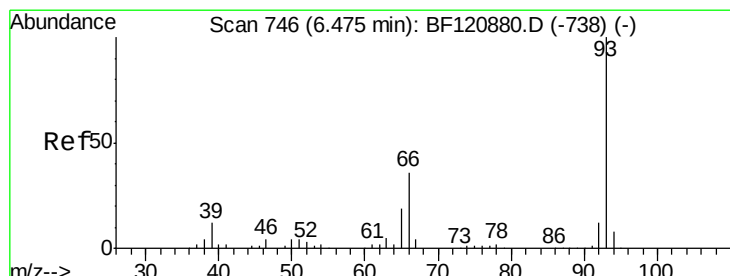
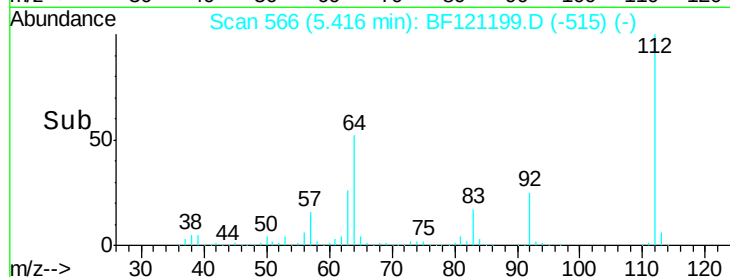
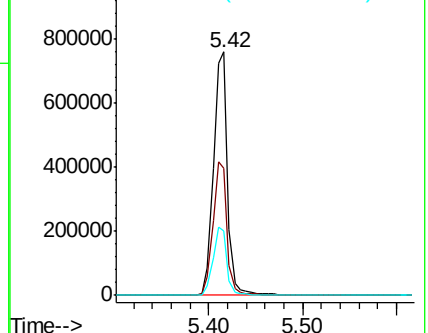
63 26.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.720 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

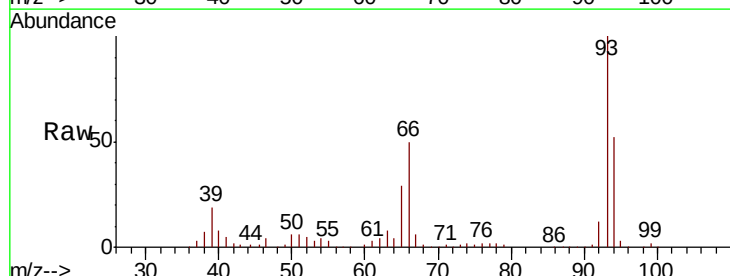
Tgt Ion: 93 Resp: 520224

Ion Ratio Lower Upper

93 100

66 49.7 31.0 46.4#

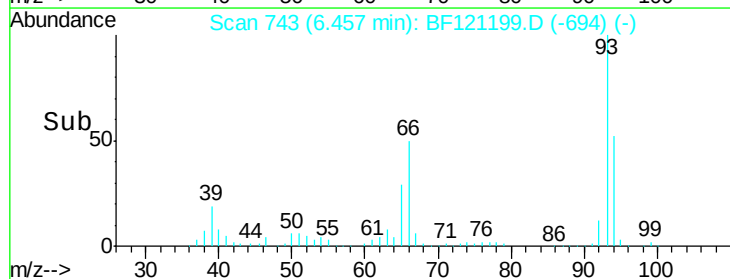
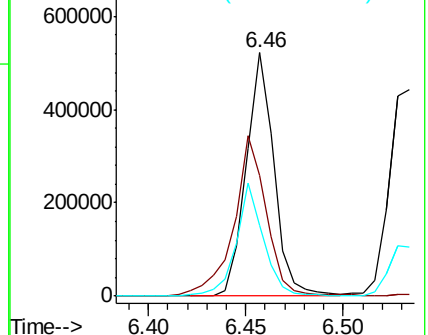
65 29.3 16.2 24.4#

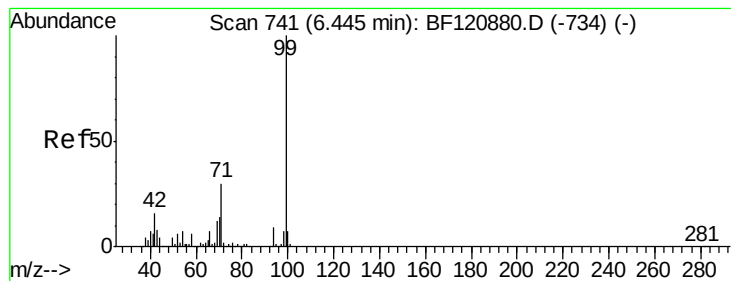


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.568 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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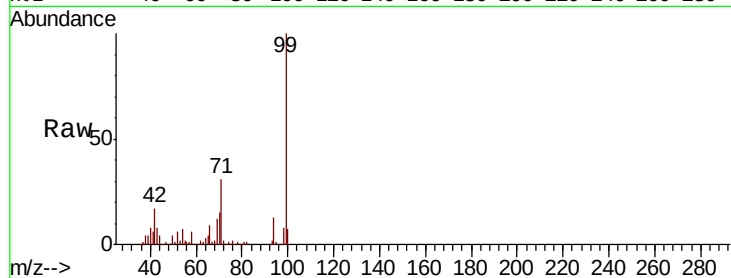
Tot Ion: 99 Resp: 1021633

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

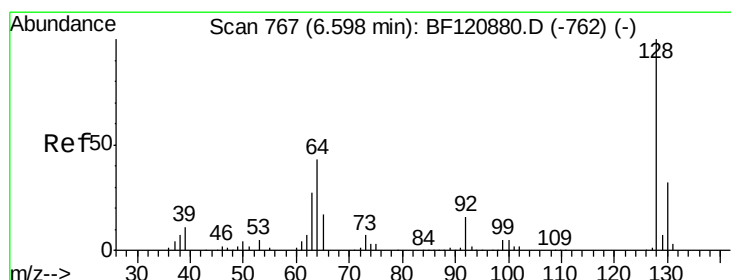
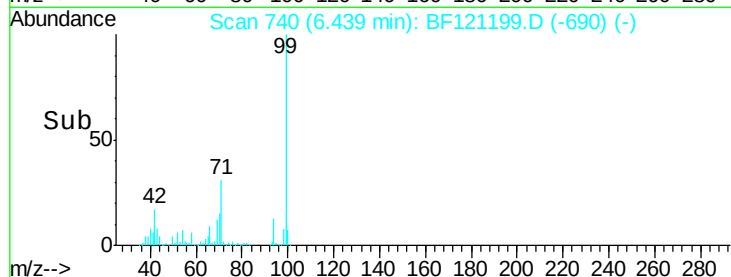
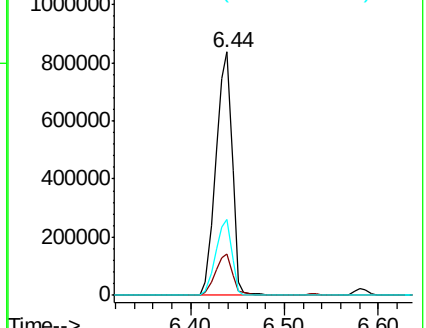
71 31.1 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.865 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121199.D

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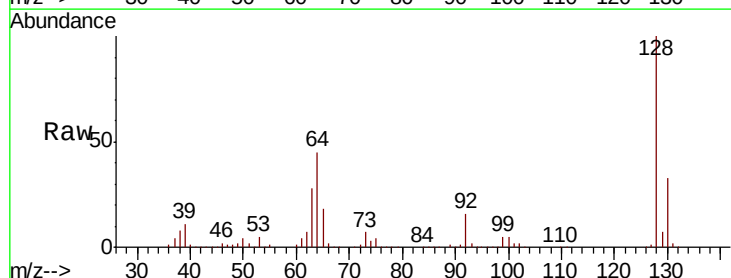
Tgt Ion: 128 Resp: 464954

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

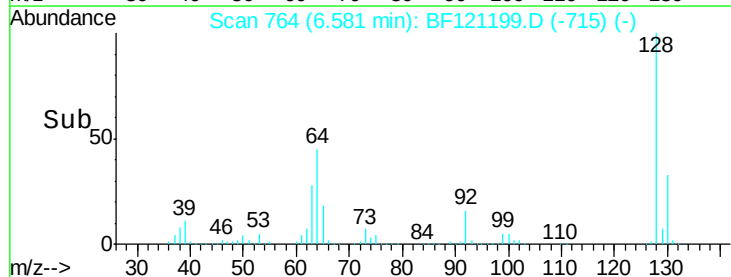
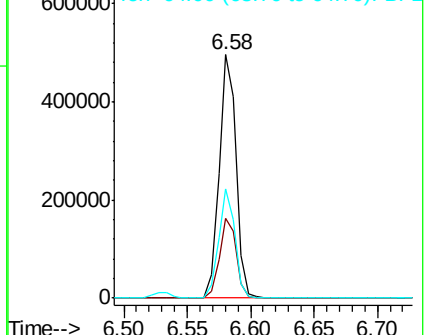
64 44.7 23.8 63.8

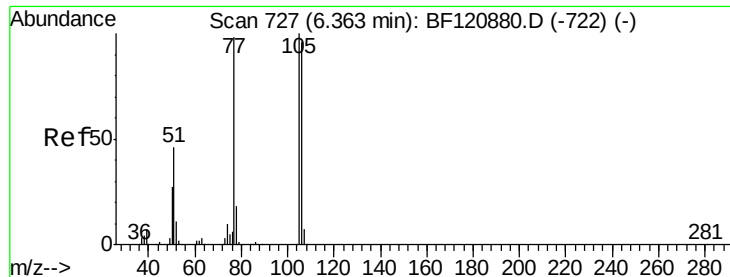


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 60.321 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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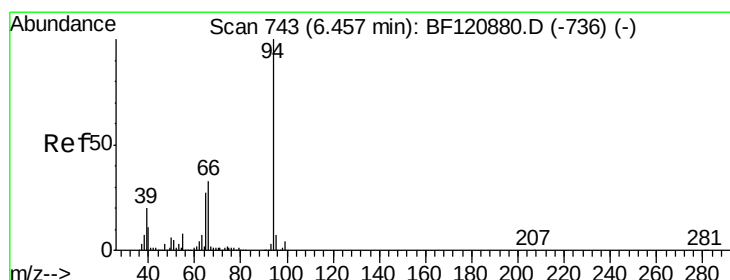
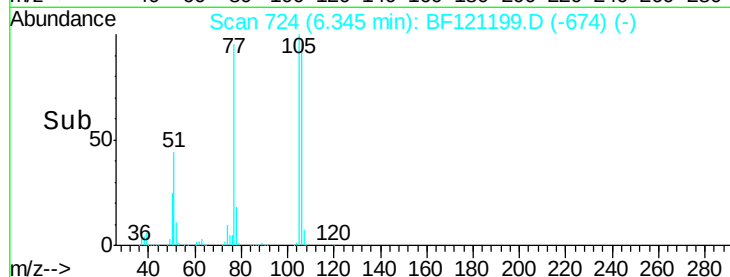
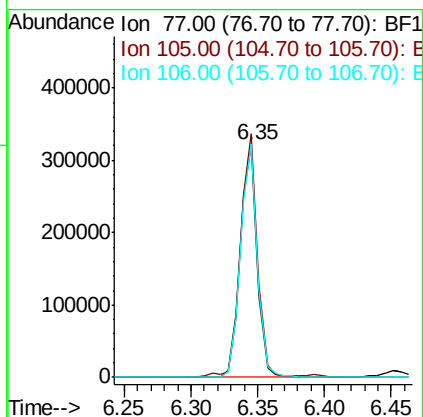
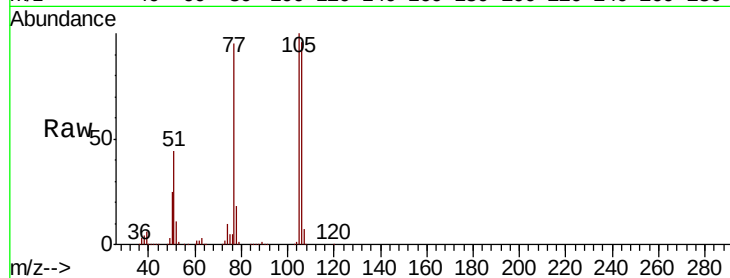
Tot Ion: 77 Resp: 285334

Ion Ratio Lower Upper

77 100

105 104.9 82.4 122.4

106 100.5 78.9 118.9



#10

Phenol

Concen: 43.949 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

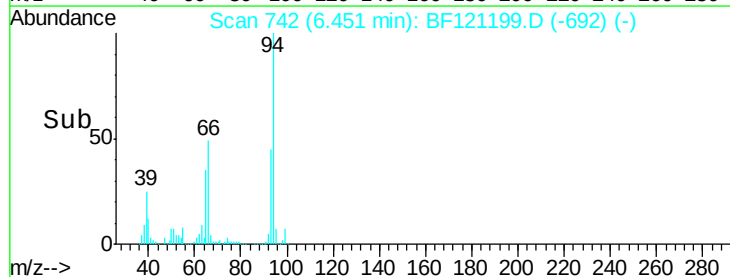
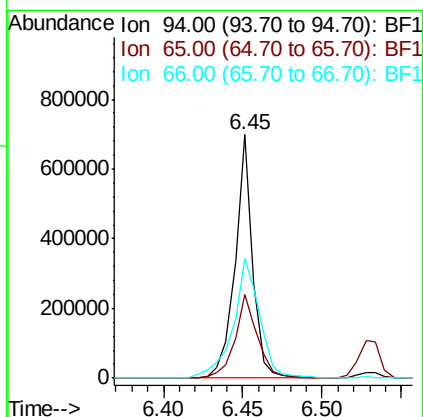
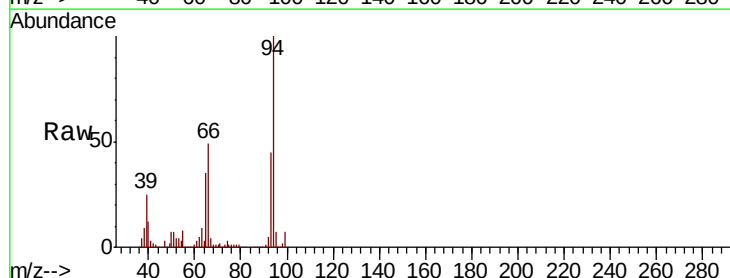
Tgt Ion: 94 Resp: 539395

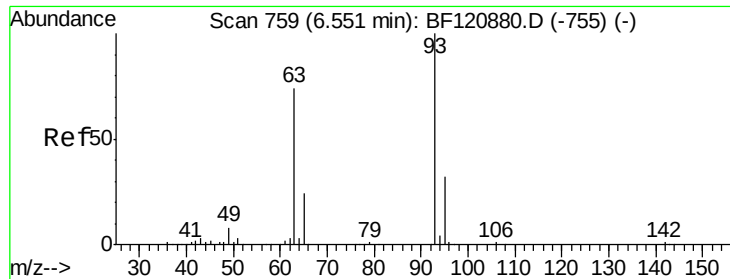
Ion Ratio Lower Upper

94 100

65 34.5 12.6 52.6

66 49.1 25.6 65.6

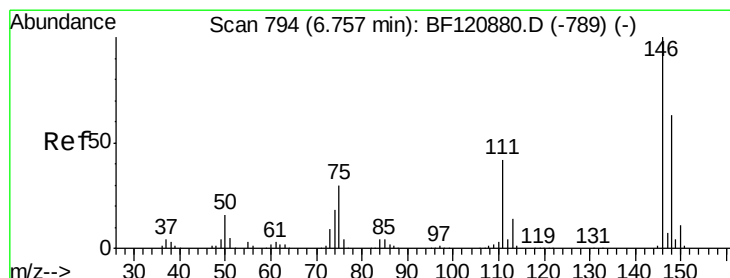
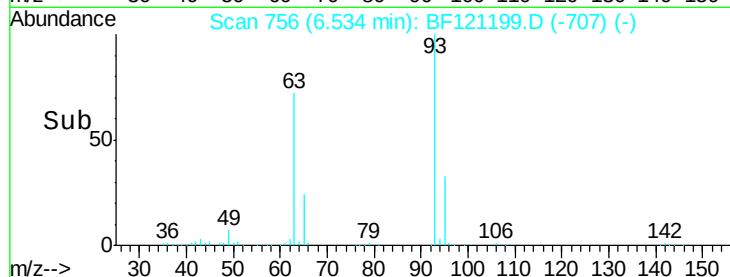
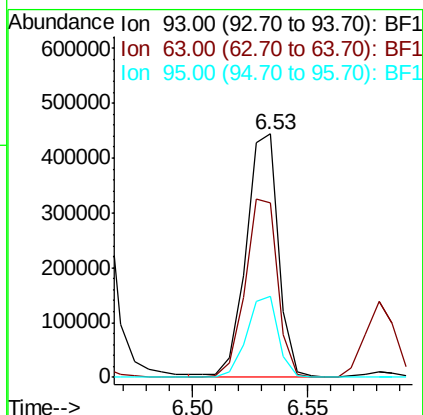
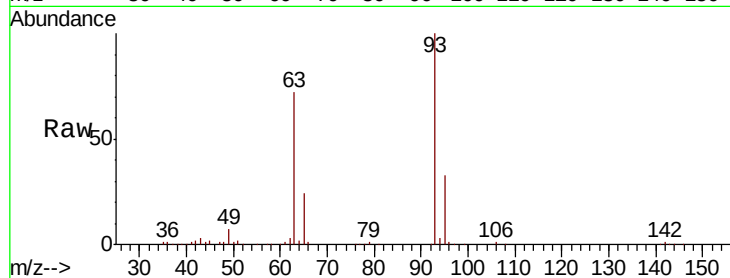




#11
bis(2-Chloroethyl)ether
Concen: 45.996 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

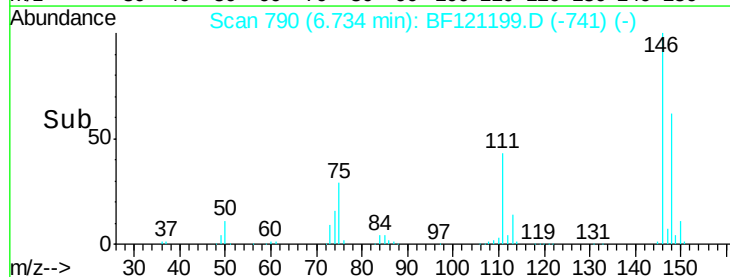
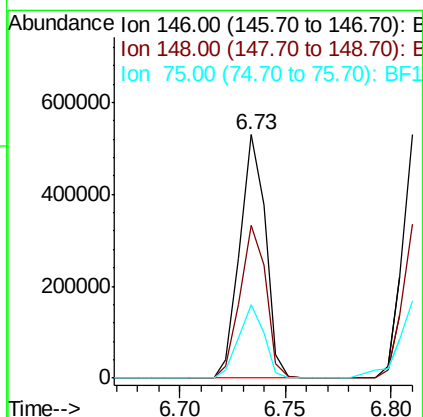
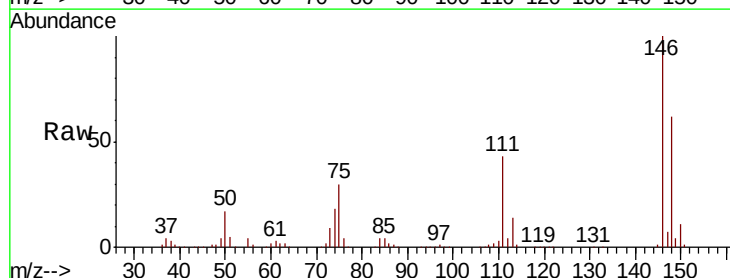
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

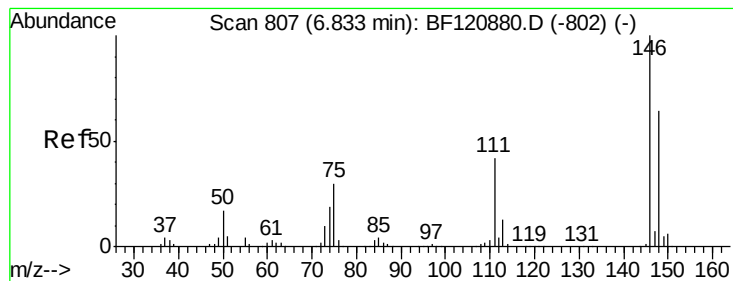
Tot Ion: 93 Resp: 432639
Ion Ratio Lower Upper
93 100
63 71.9 51.9 91.9
95 33.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.324 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion: 146 Resp: 446998
Ion Ratio Lower Upper
146 100
148 62.5 51.7 77.5
75 30.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 44.058 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

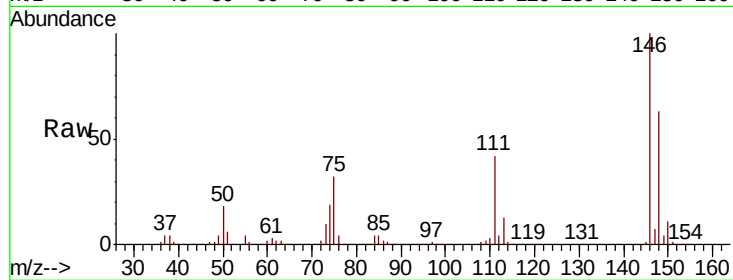
Tot Ion:146 Resp: 452009

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

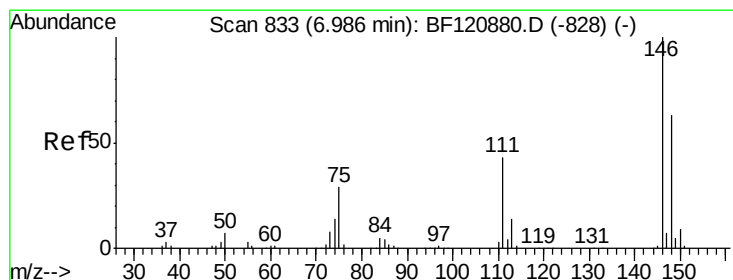
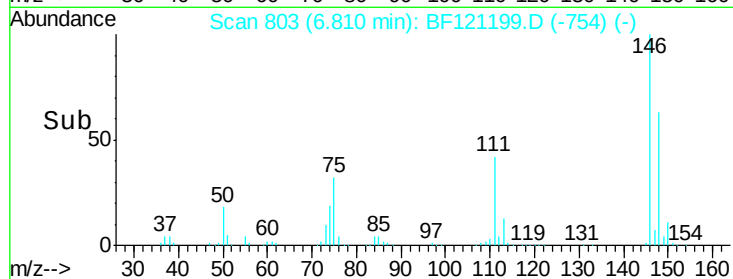
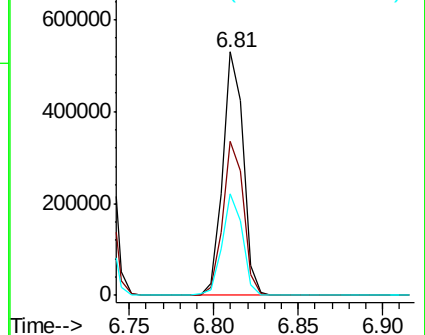
111 41.9 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.284 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

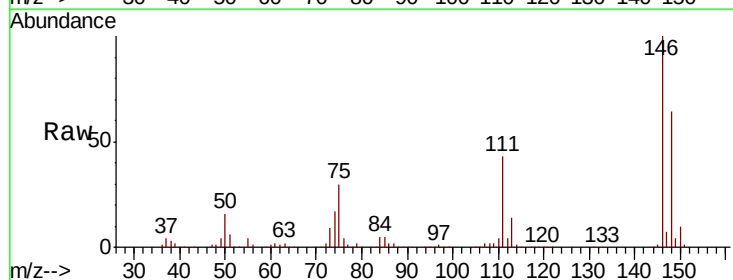
Tgt Ion:146 Resp: 439519

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

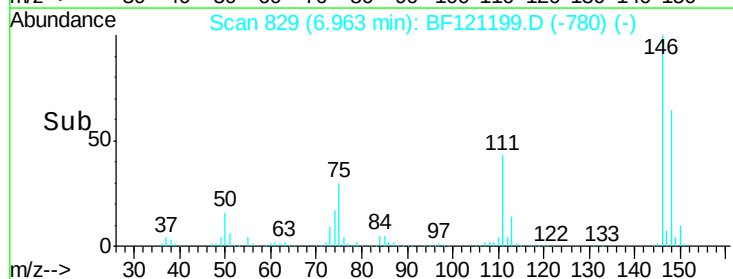
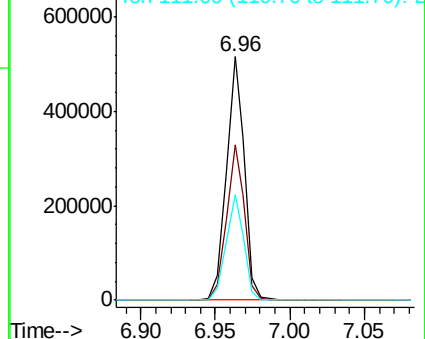
111 43.2 35.4 53.0

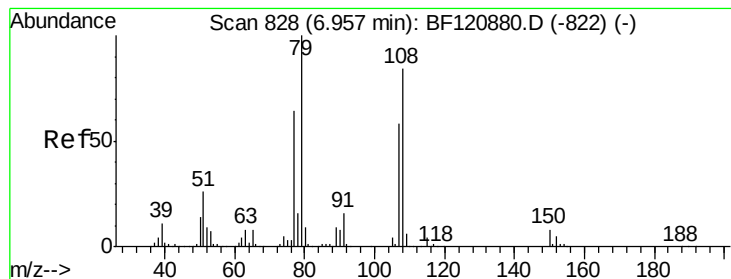


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.168 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

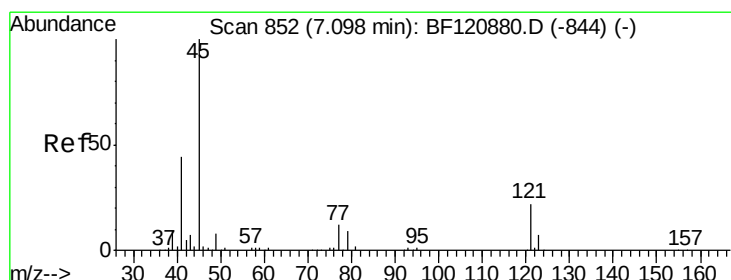
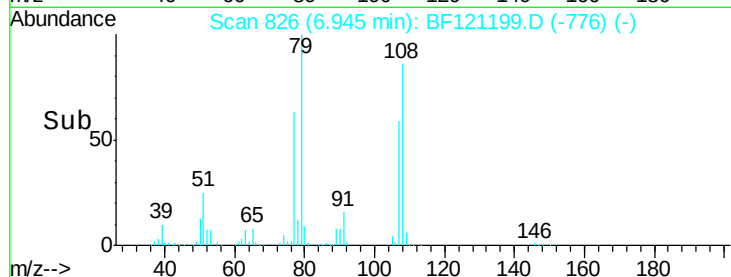
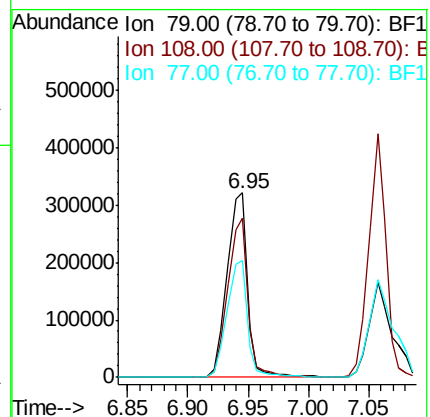
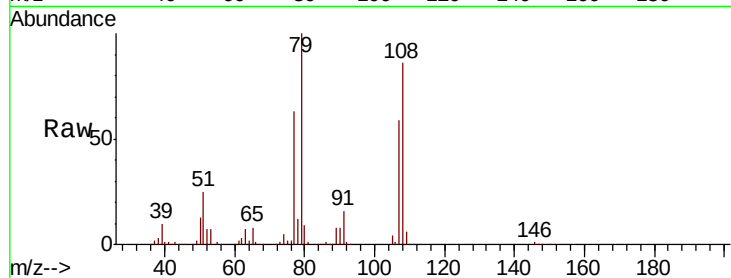
Tot Ion: 79 Resp: 380054

Ion Ratio Lower Upper

79 100

108 85.9 68.6 103.0

77 63.5 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.246 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

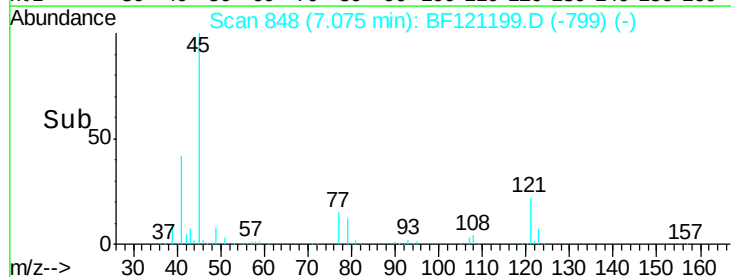
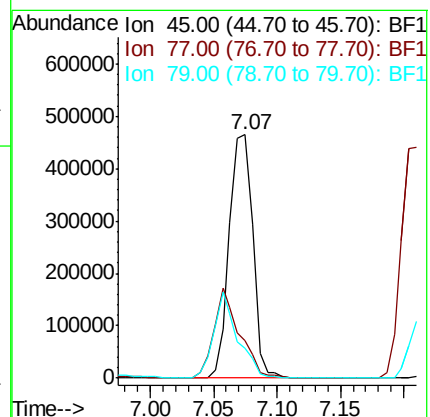
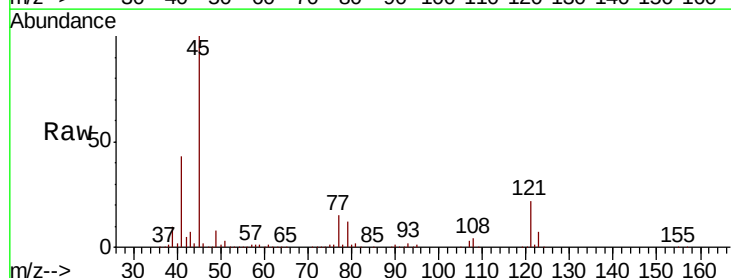
Tgt Ion: 45 Resp: 599856

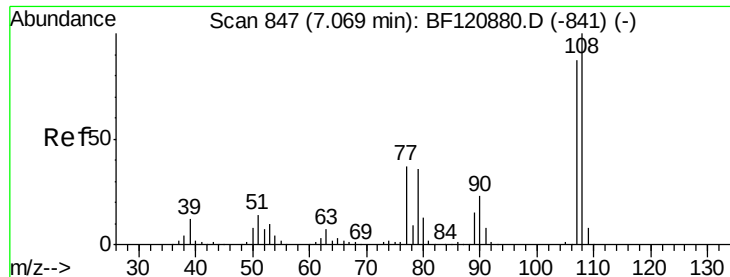
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.7

79 12.3 0.0 32.0

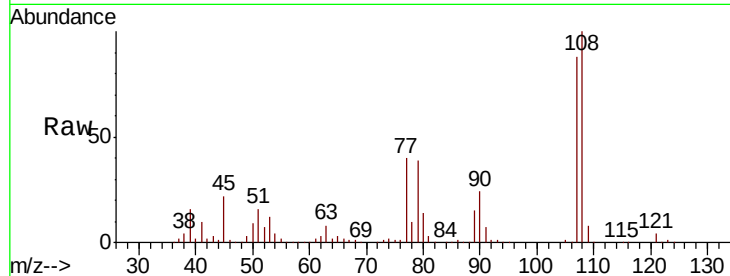




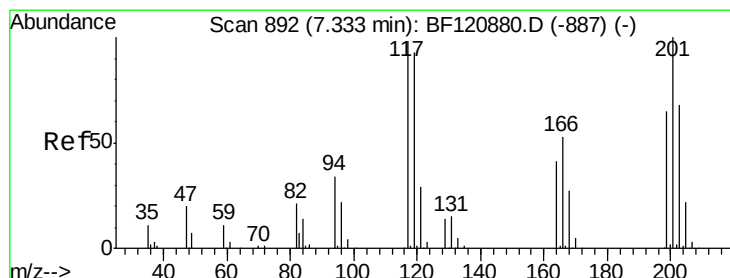
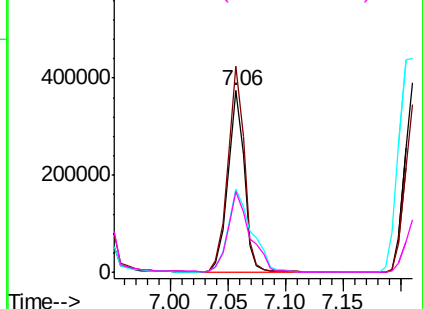
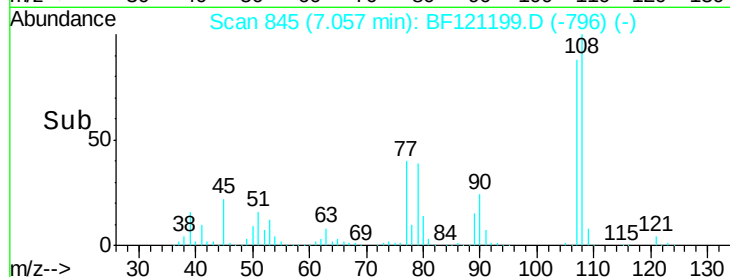
#17
2-Methylphenol
Concen: 43.648 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	107	Resp:	368103
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.2	136.8
77	45.9	36.5	54.7
79	44.3	35.0	52.6

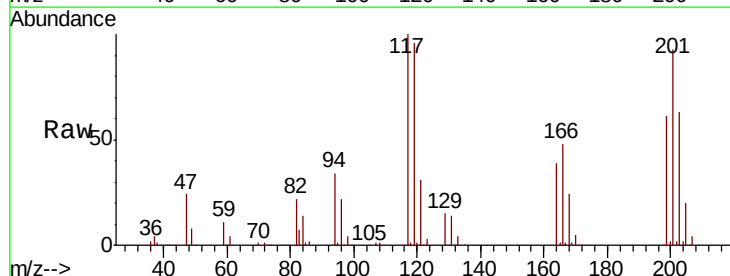


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

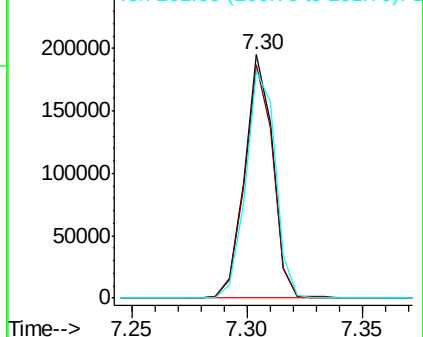
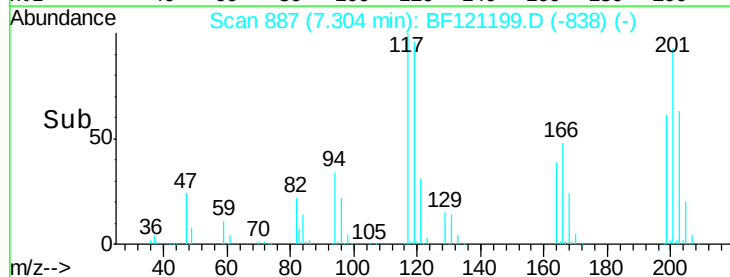


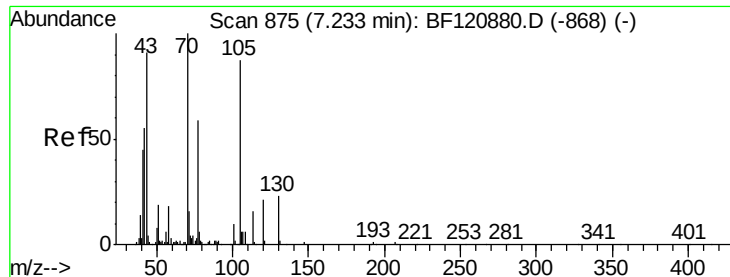
#18
Hexachloroethane
Concen: 44.812 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:	117	Resp:	166402
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	93.0	75.0	112.4



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

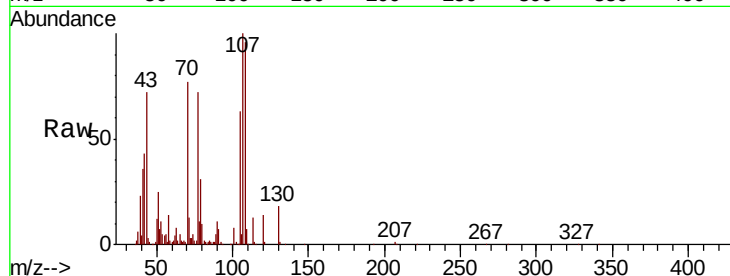




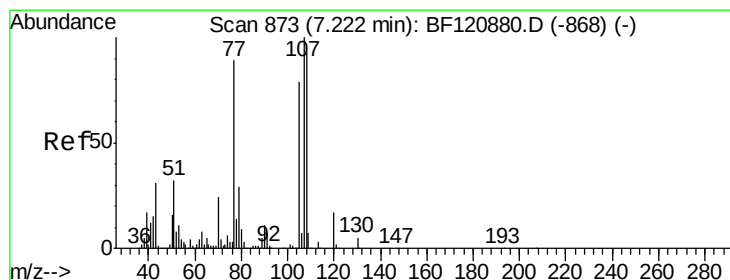
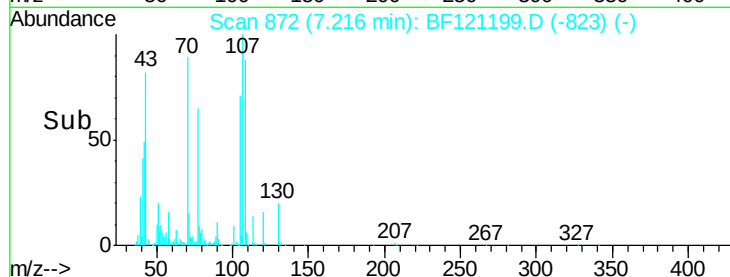
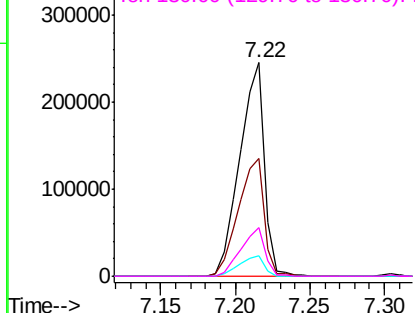
#19
n-Nitroso-di-n-propylamine
Concen: 44.465 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	70	Resp:	282101
Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.3	64.9
101	9.8	8.4	12.6
130	22.6	18.7	28.1

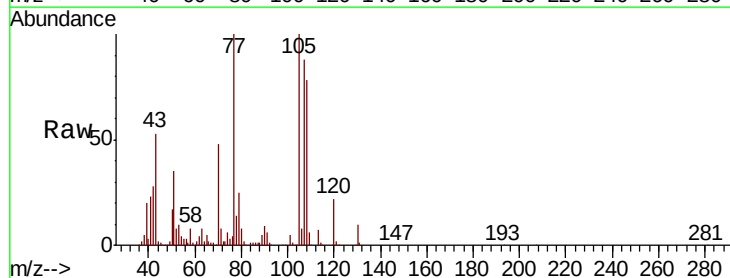


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

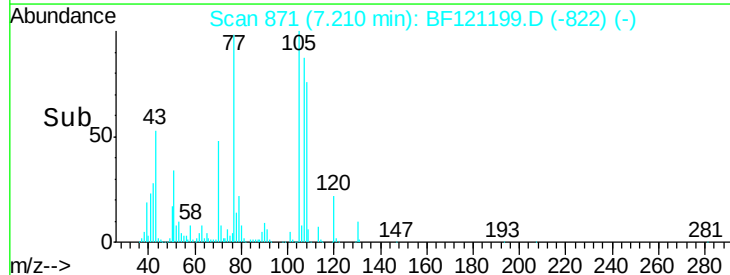
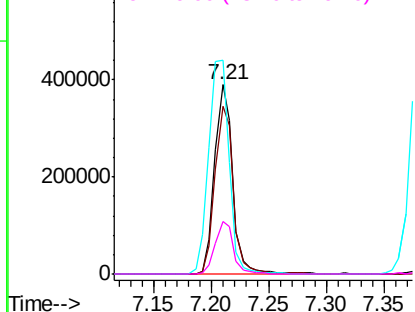


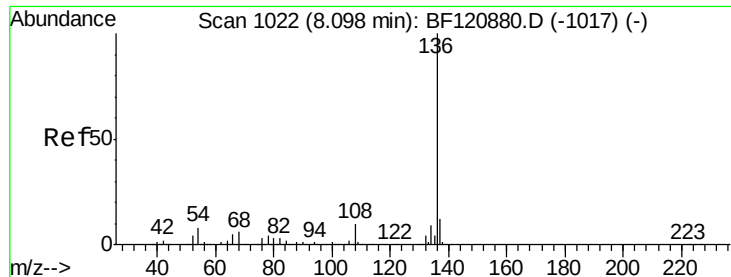
#20
3+4-Methylphenols
Concen: 39.092 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:	107	Resp:	419388
Ion	Ratio	Lower	Upper
107	100		
108	88.6	73.7	113.7
77	113.0	84.9	124.9
79	28.0	10.7	50.7



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

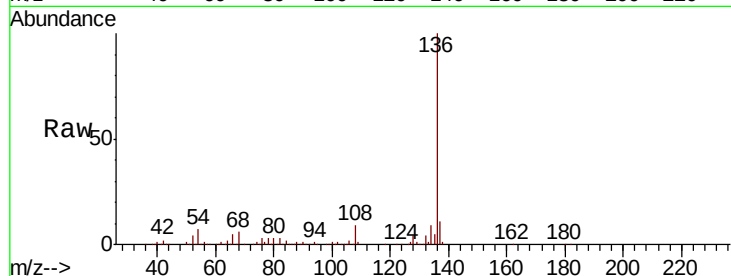




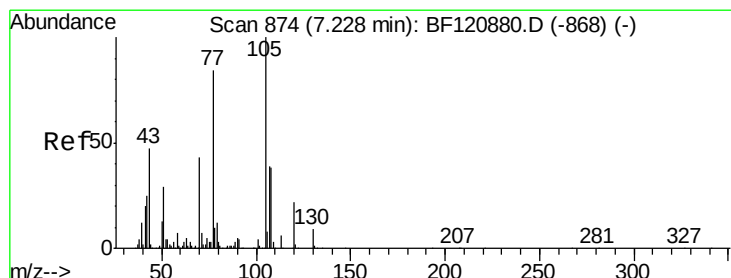
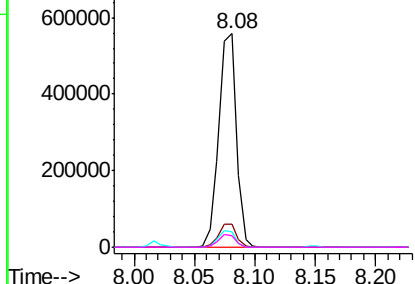
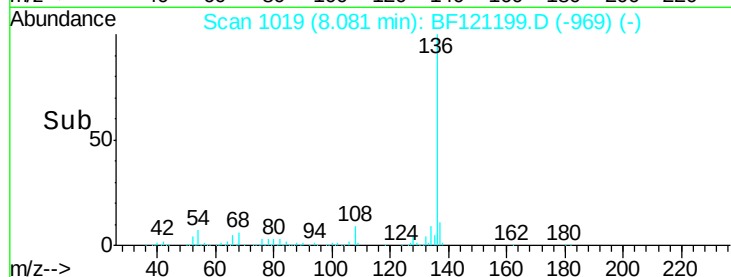
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:136	Resp:	559008
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.9	6.1 9.1
68	5.6	5.0 7.6

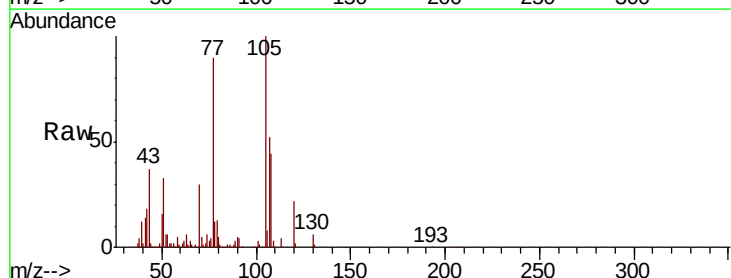


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

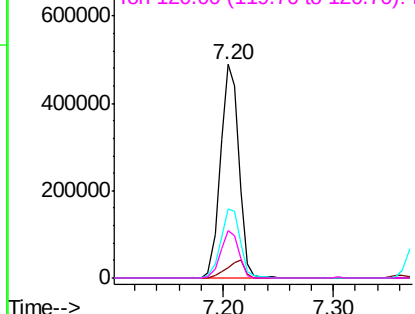
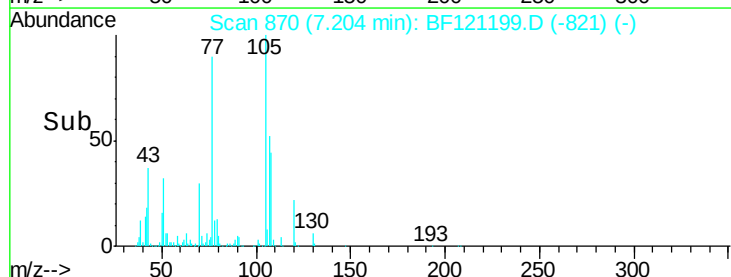


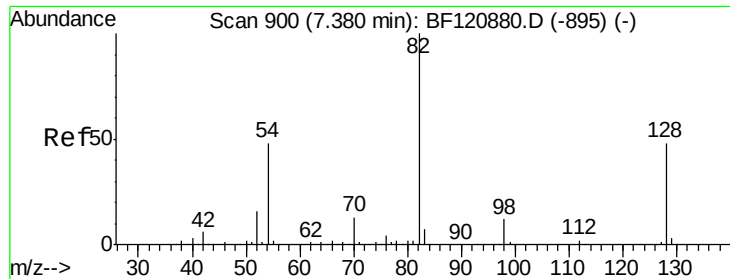
#22
Acetophenone
Concen: 45.277 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:105	Resp:	568033
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.8 5.8
51	32.5	28.0 42.0
120	22.3	17.8 26.6



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

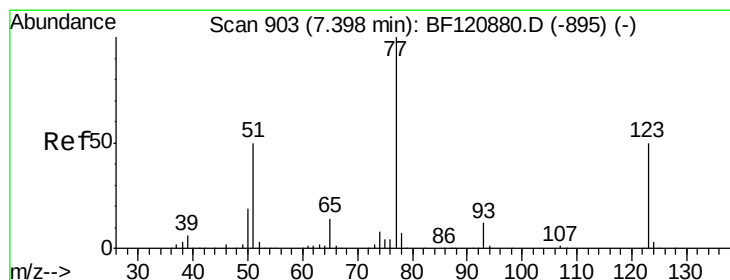
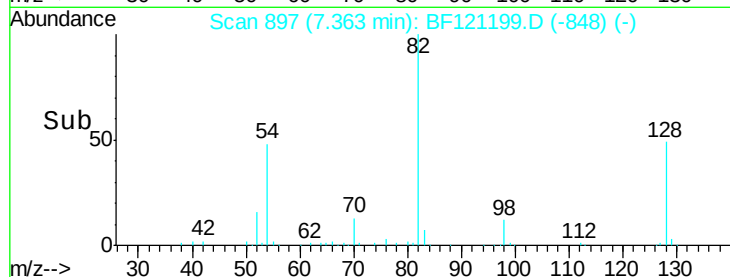
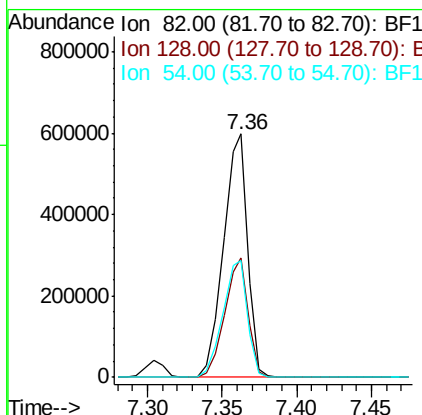
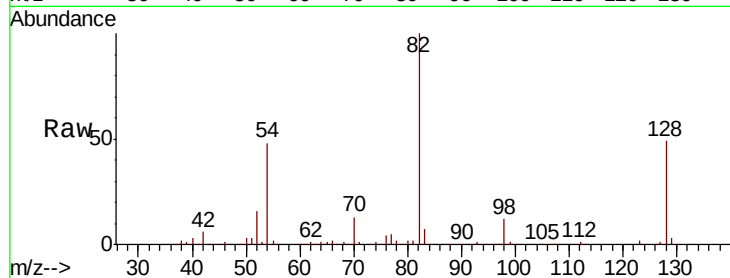




#23
Nitrobenzene-d5
Concen: 70.438 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

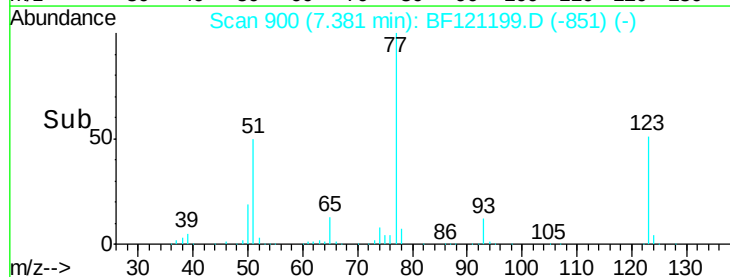
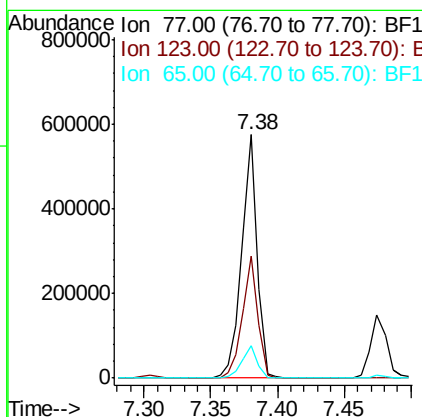
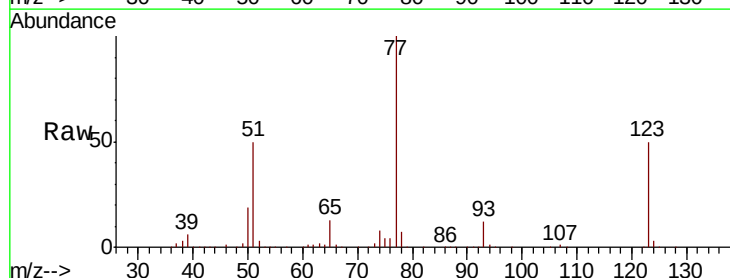
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

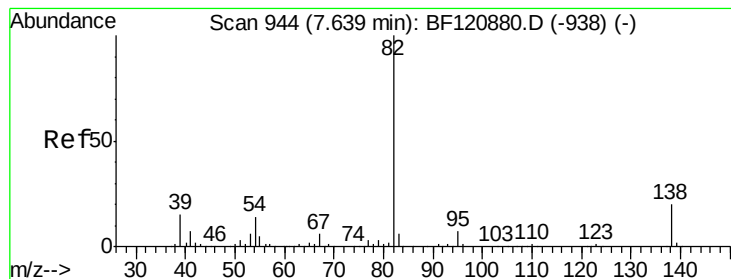
Tot Ion	82	Resp	680489
Ion Ratio	100	Lower	Upper
128	48.8	39.2	58.8
54	48.2	37.8	56.8



#24
Nitrobenzene
Concen: 44.738 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	77	Resp	465831
Ion Ratio	100	Lower	Upper
123	50.3	41.0	61.6
65	13.3	10.3	15.5





#25

Isophorone

Concen: 45.555 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

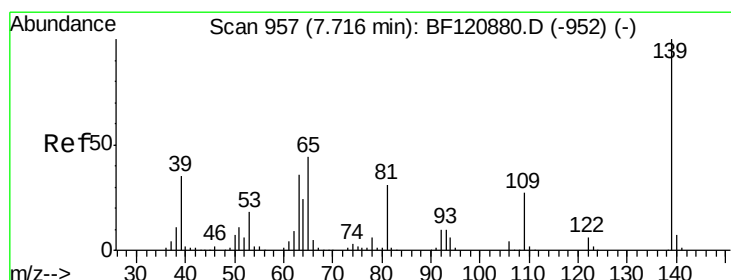
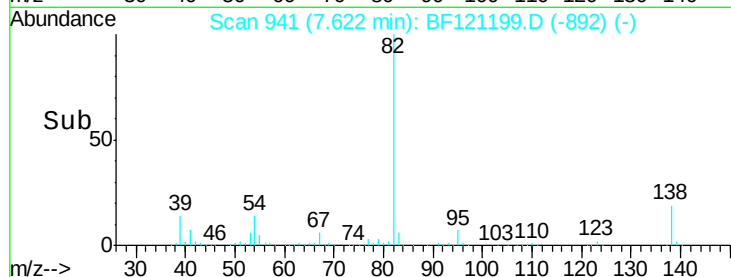
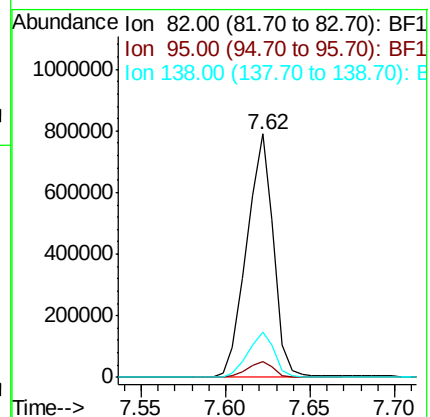
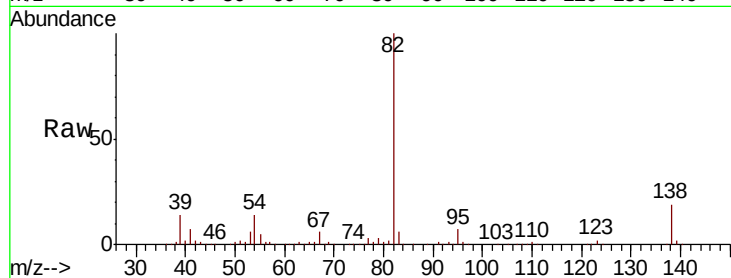
Tot Ion: 82 Resp: 878347

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 18.8 16.2 24.2



#26

2-Nitrophenol

Concen: 51.714 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

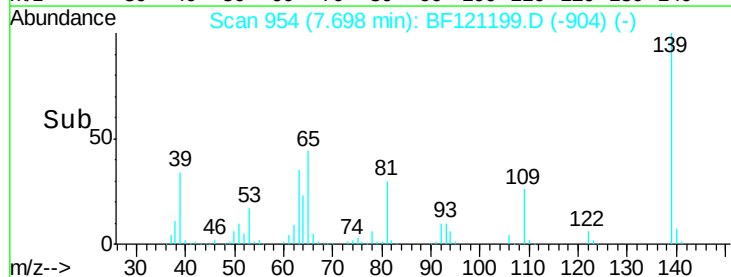
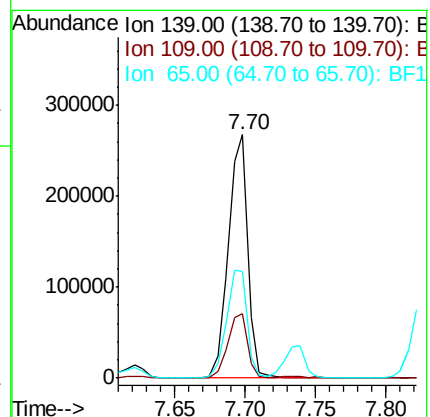
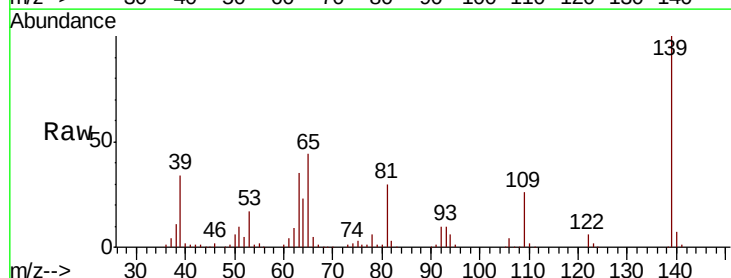
Tgt Ion: 139 Resp: 255739

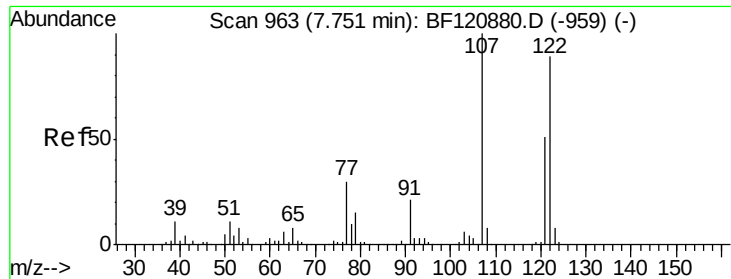
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 43.7 36.3 54.5

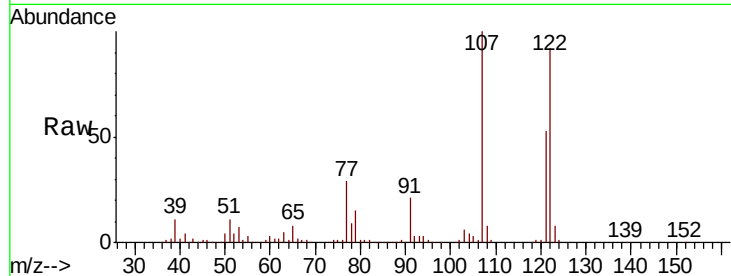




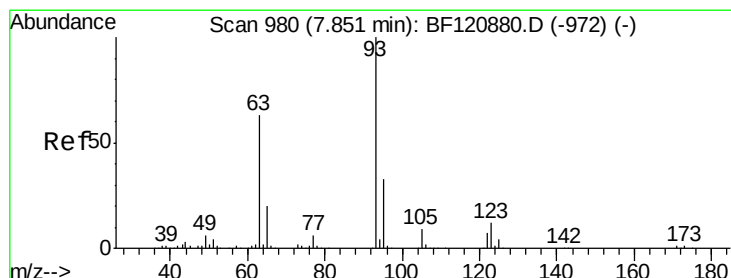
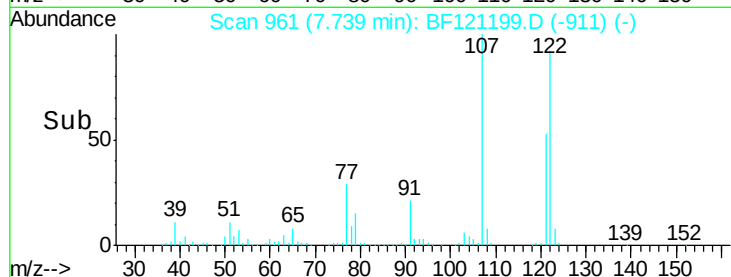
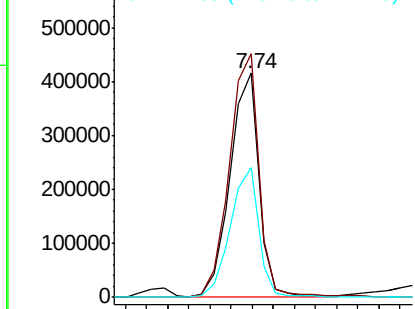
#27
 2,4-Dimethylphenol
 Concen: 48.995 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:122 Resp: 393388
 Ion Ratio Lower Upper
 122 100
 107 108.6 87.1 130.7
 121 57.9 45.5 68.3

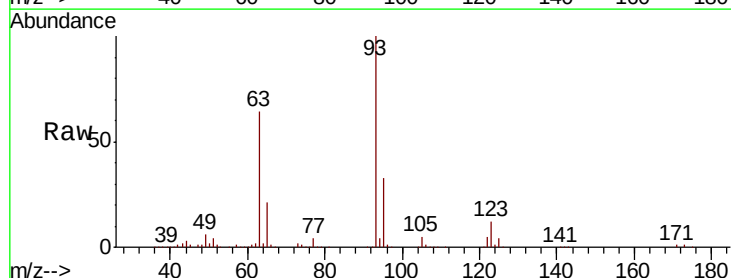


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

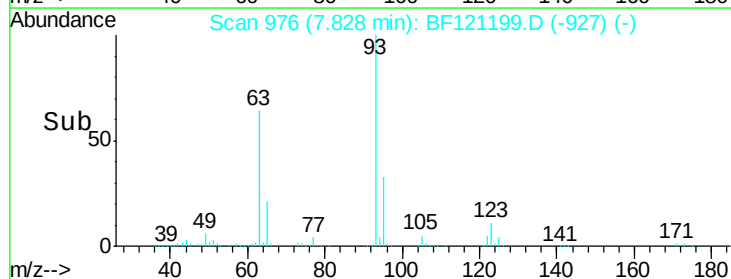
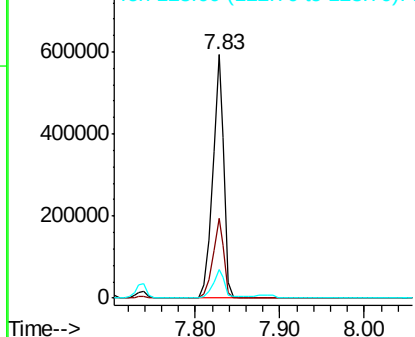


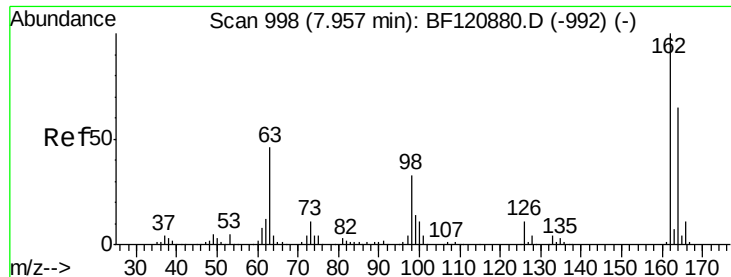
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.297 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion: 93 Resp: 556661
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 11.6 9.5 14.3



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

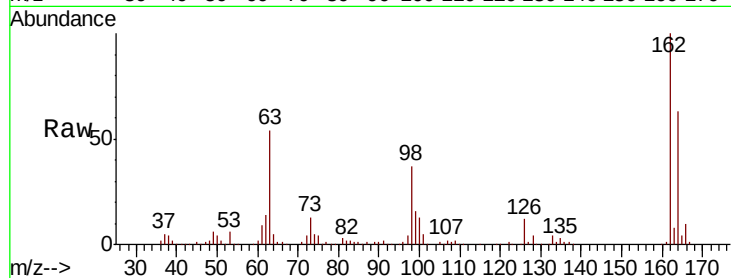




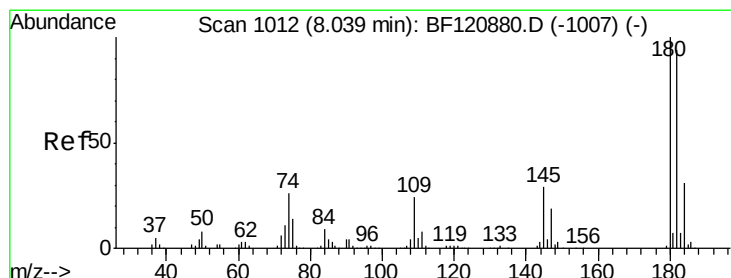
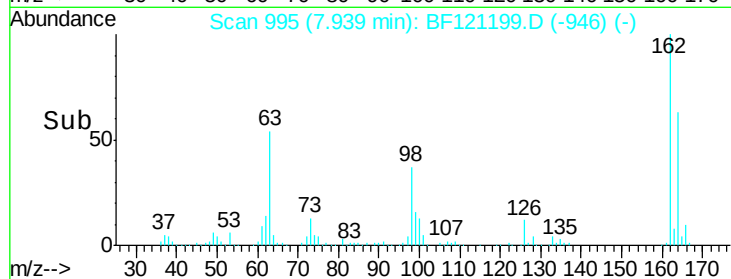
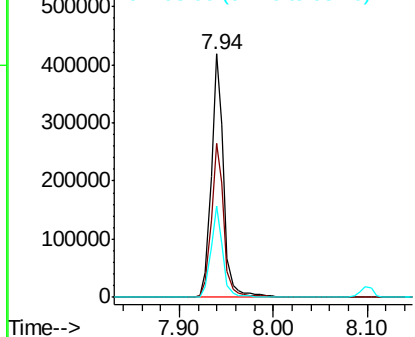
#29
 2,4-Dichlorophenol
 Concen: 47.721 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.7	84.7
98	37.4	14.2	54.2

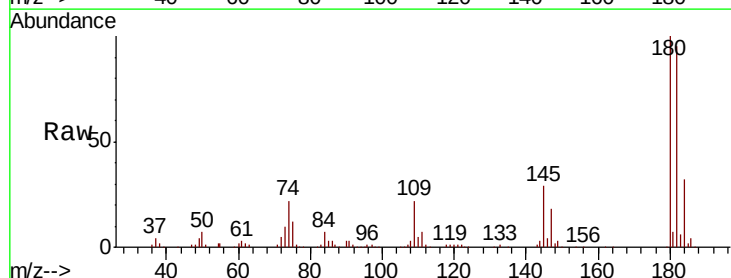


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

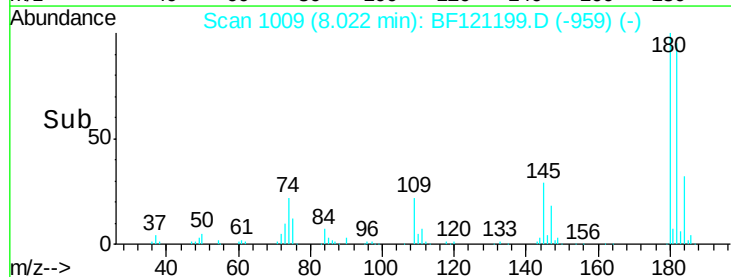
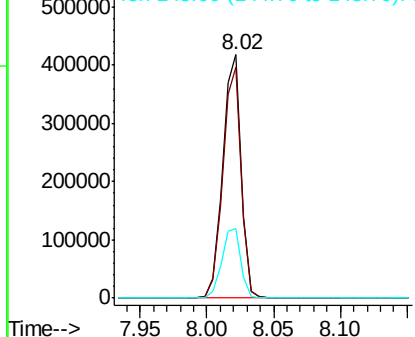


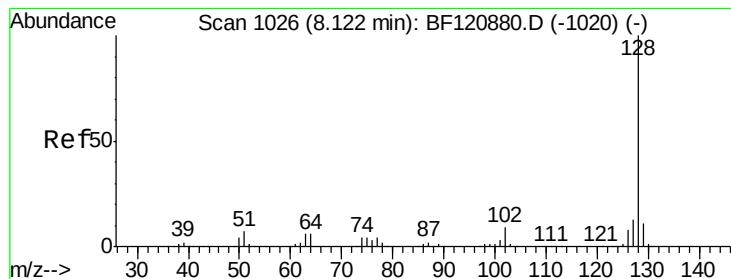
#30
 1,2,4-Trichlorobenzene
 Concen: 44.571 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	28.6	24.2	36.4



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





#31

Naphthalene

Concen: 43.783 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

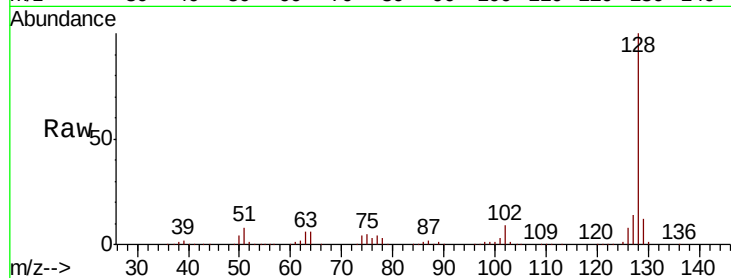
Tot Ion:128 Resp: 1255448

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

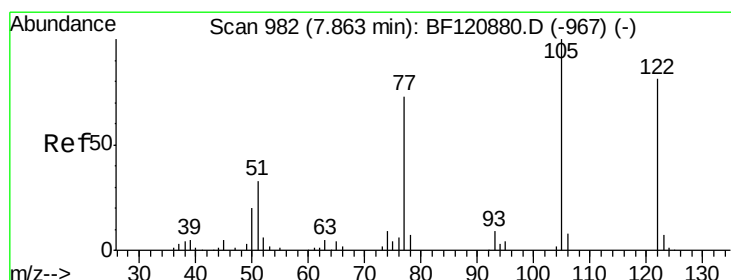
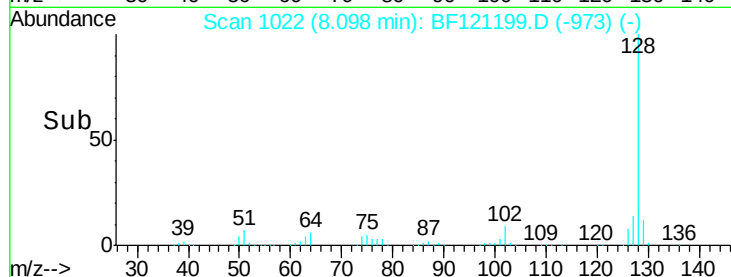
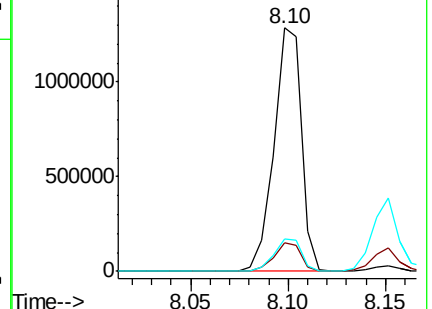
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.601 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

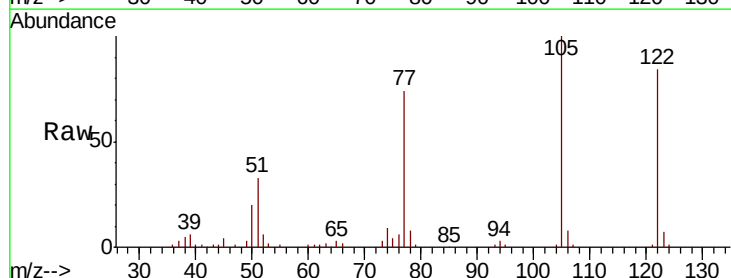
Tgt Ion:122 Resp: 304983

Ion Ratio Lower Upper

122 100

105 119.6 100.9 140.9

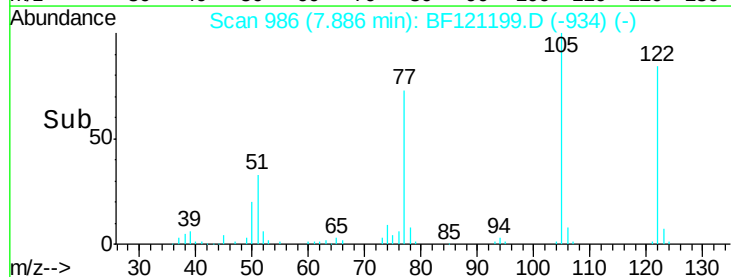
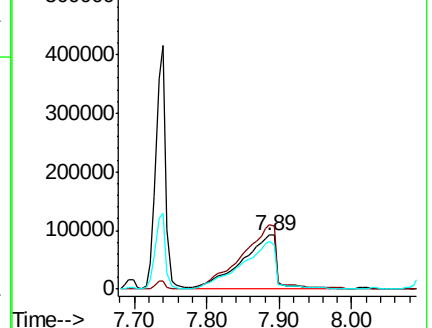
77 88.2 67.8 107.8

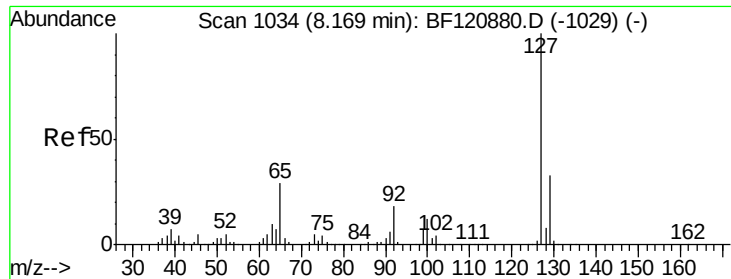


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

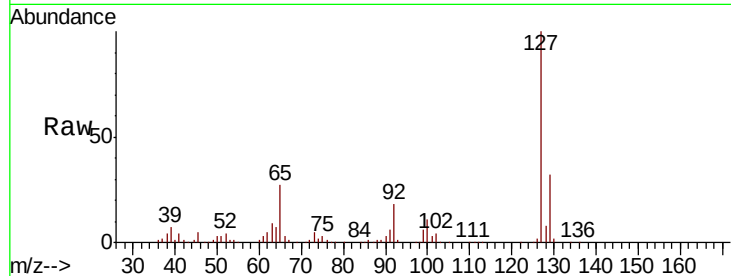




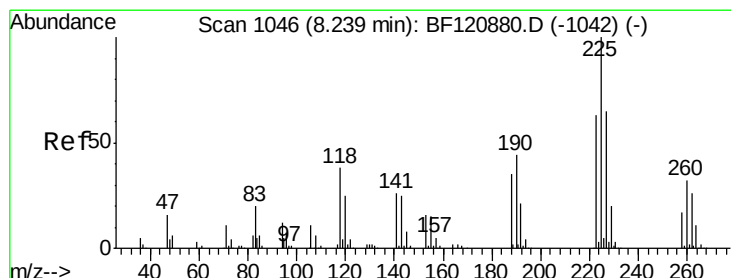
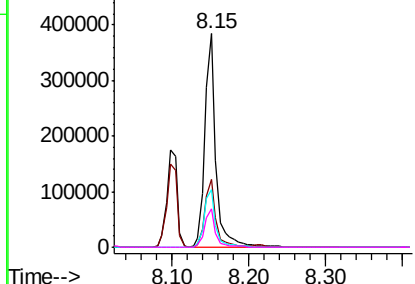
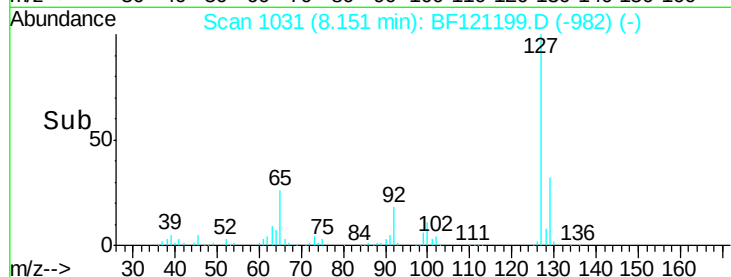
#33
4-Chloroaniline
Concen: 29.840 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:	127	Resp:	381702
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	27.0	21.4	32.0
92	17.8	13.8	20.8

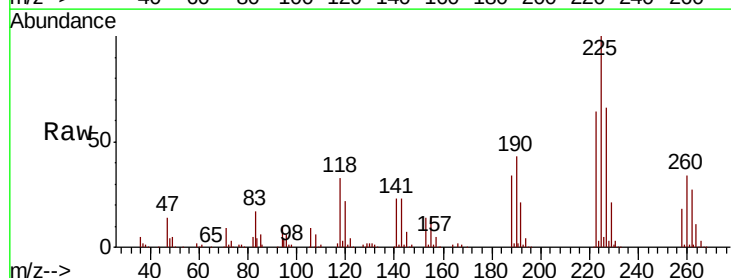


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

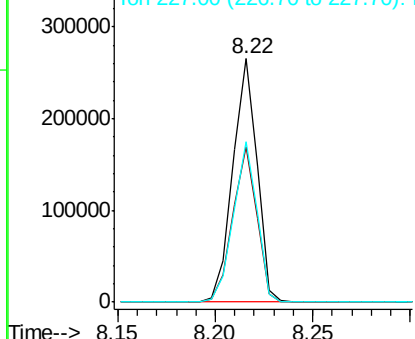
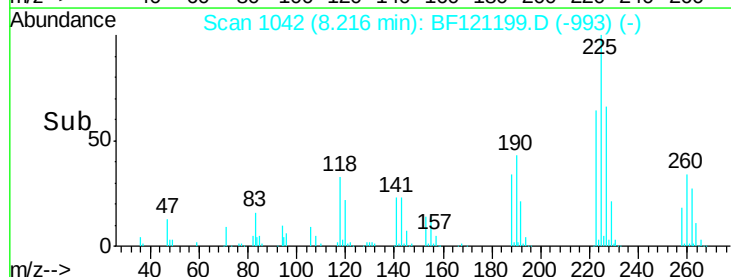


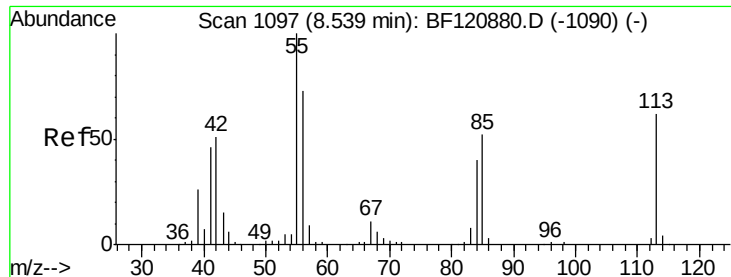
#34
Hexachlorobutadiene
Concen: 42.581 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:	225	Resp:	228493
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	65.9	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

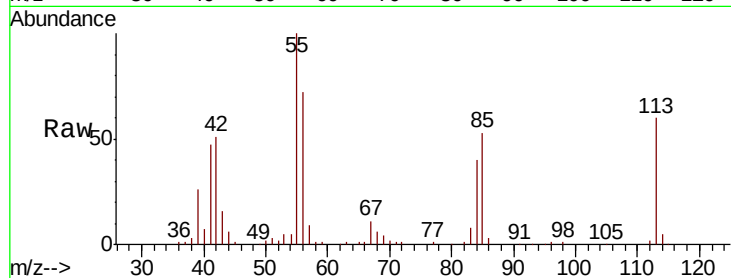




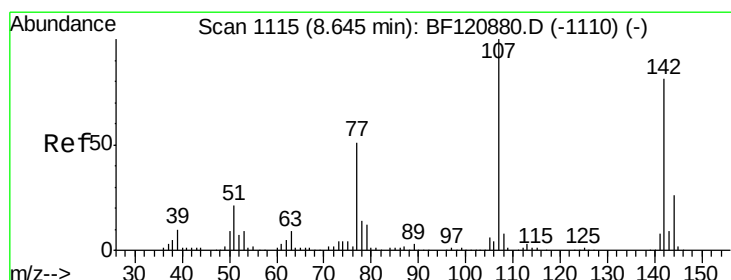
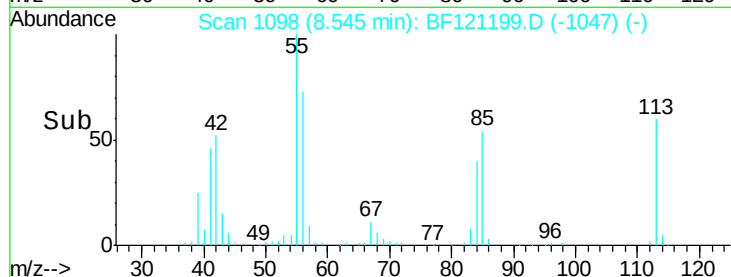
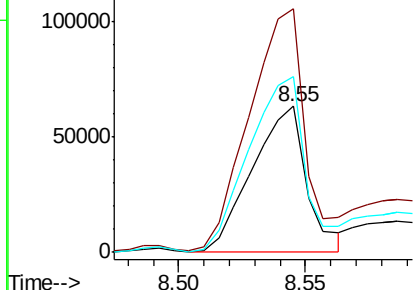
#35
 Caprolactam
 Concen: 35.577 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:113 Resp: 93605
 Ion Ratio Lower Upper
 113 100
 55 166.6 131.0 171.0
 56 120.7 90.4 130.4

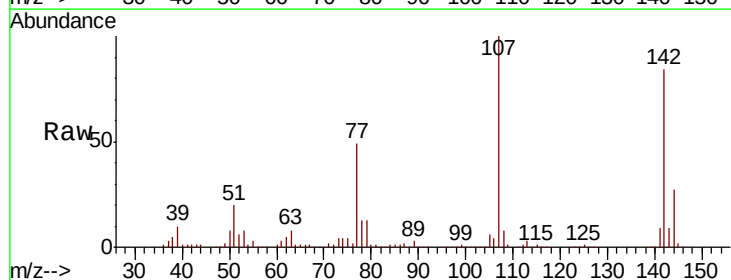


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

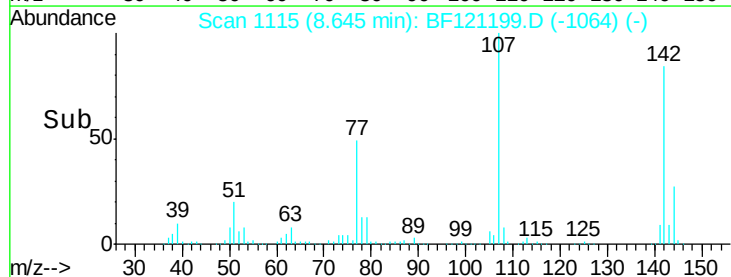
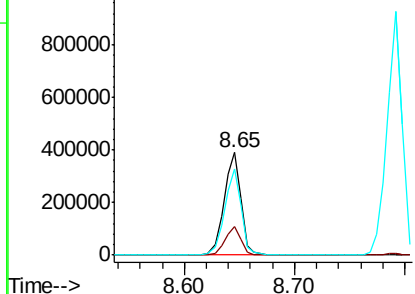


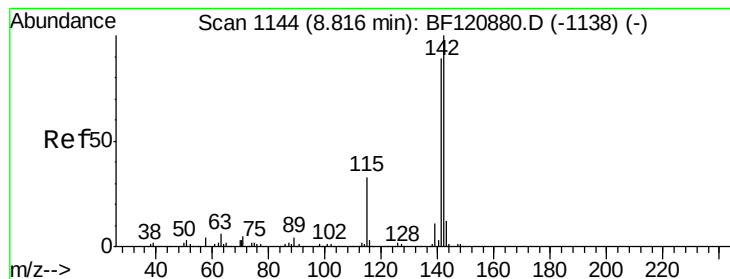
#36
 4-Chloro-3-methylphenol
 Concen: 49.327 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:107 Resp: 415067
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.9 31.3
 142 83.9 64.5 96.7



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: 46.891 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

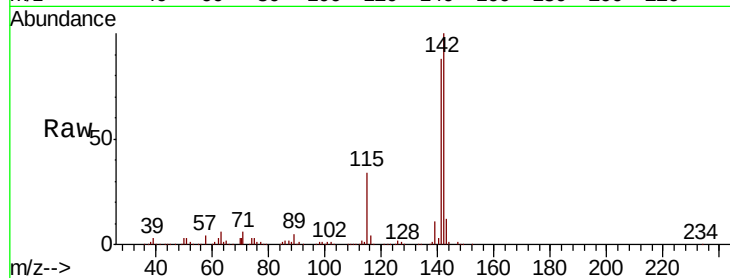
Tot Ion:142 Resp: 873035

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

115 33.8 27.1 40.7

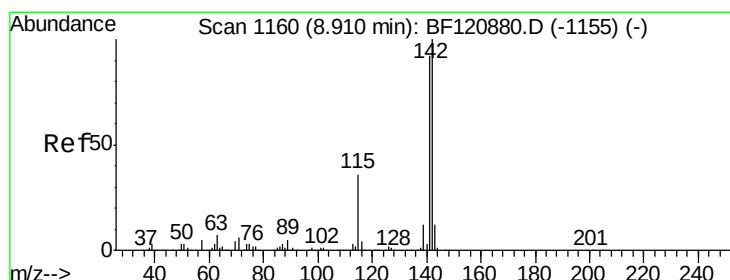
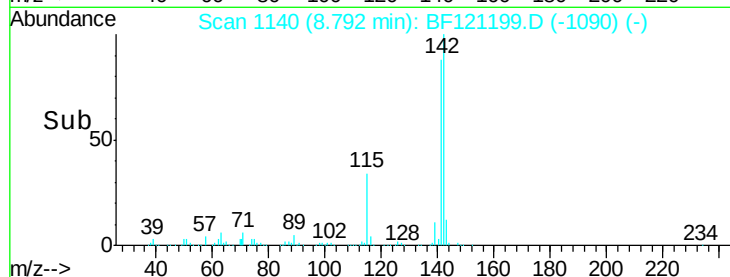
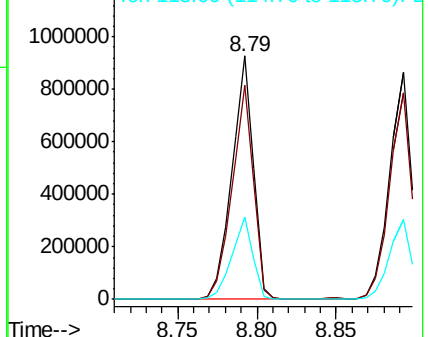


Abundance

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: 46.410 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

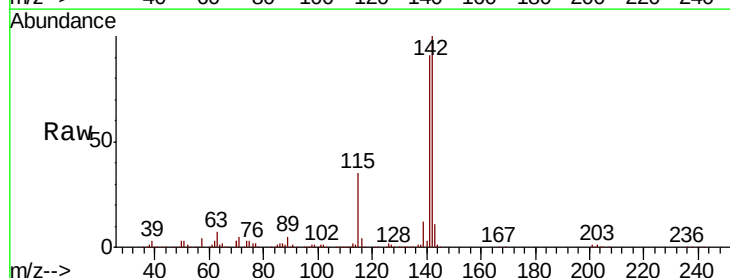
Tgt Ion:142 Resp: 818377

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.6

116 3.6 3.0 4.6

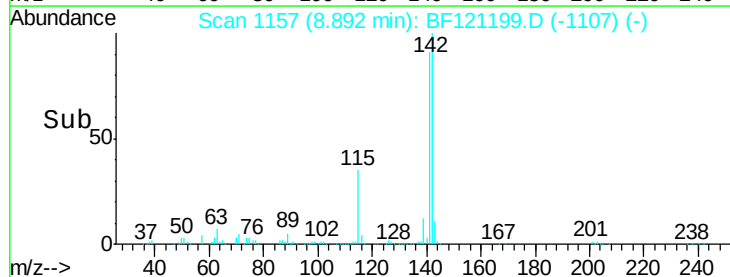
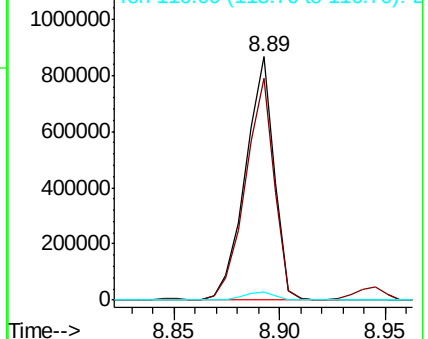


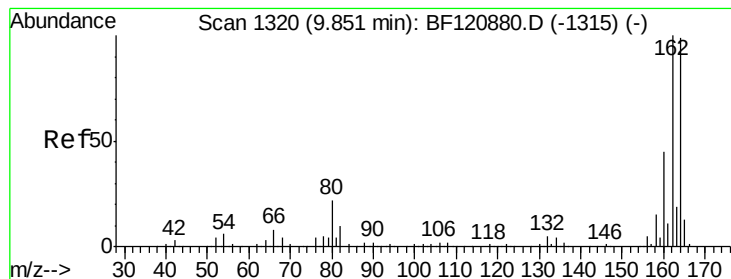
Abundance

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

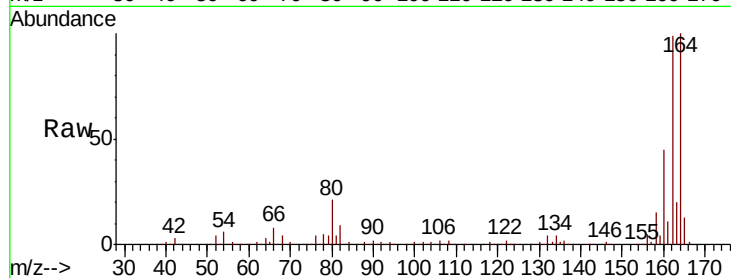
Tot Ion:164 Resp: 299956

Ion Ratio Lower Upper

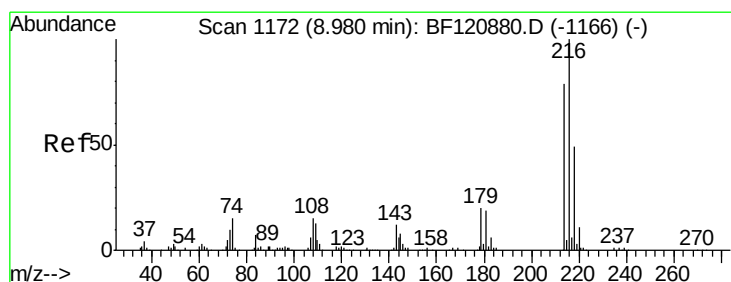
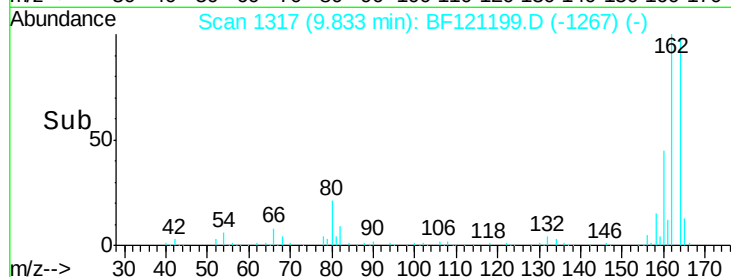
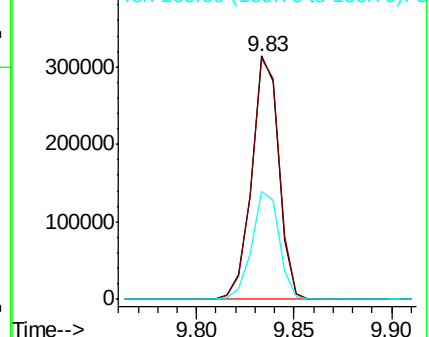
164 100

162 99.2 82.2 123.2

160 44.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.959 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Tgt Ion:216 Resp: 401660

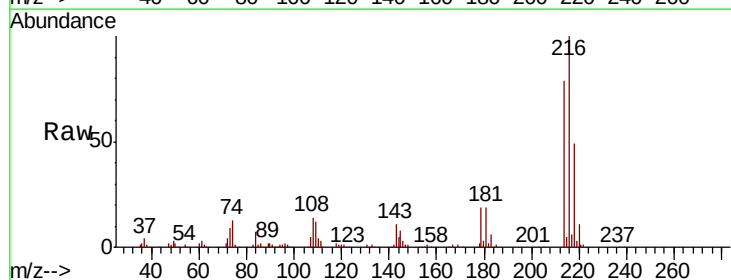
Ion Ratio Lower Upper

216 100

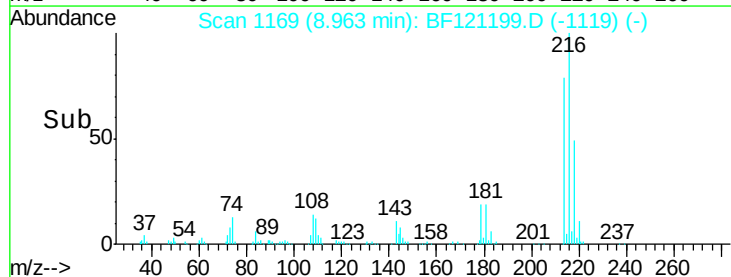
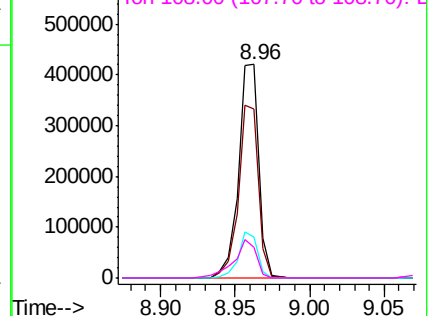
214 79.9 63.9 95.9

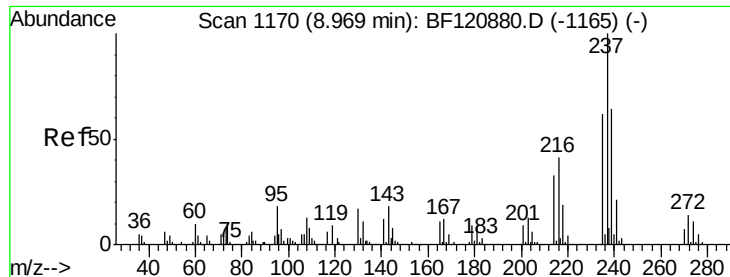
179 20.4 16.6 24.8

108 19.7 15.0 22.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.387 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

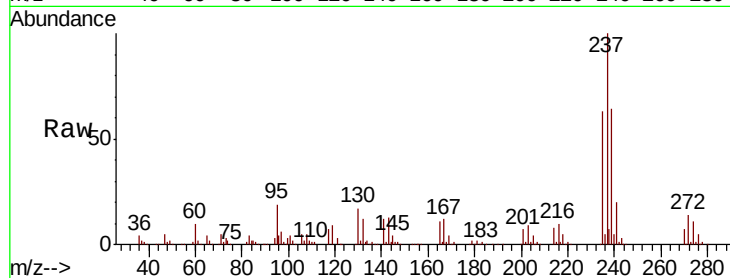
Tot Ion:237 Resp: 383447

Ion Ratio Lower Upper

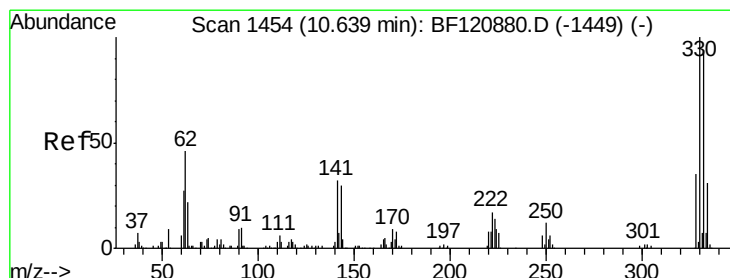
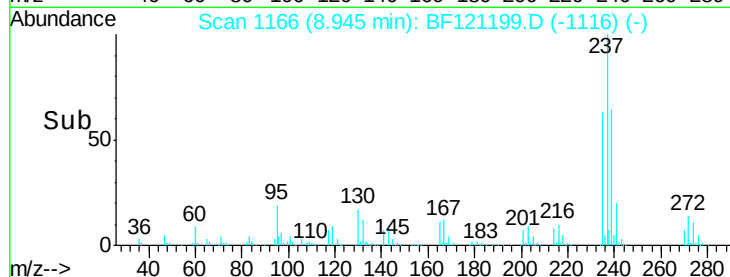
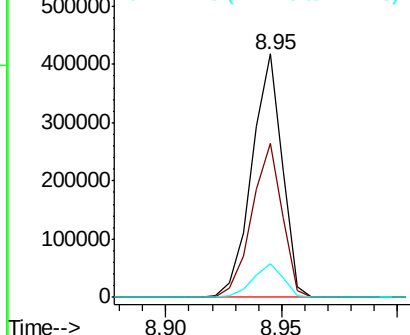
237 100

235 63.2 43.2 83.2

272 13.6 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 100.654 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

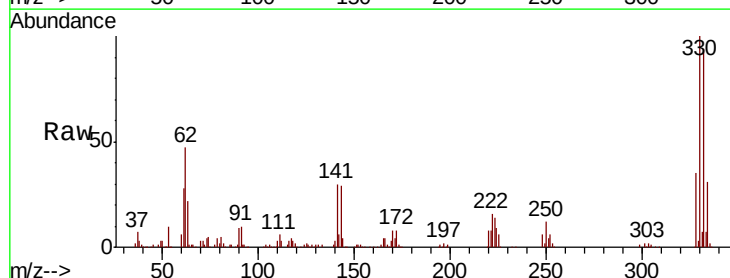
Tgt Ion:330 Resp: 330479

Ion Ratio Lower Upper

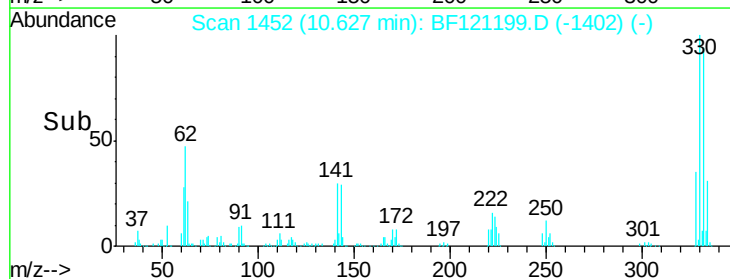
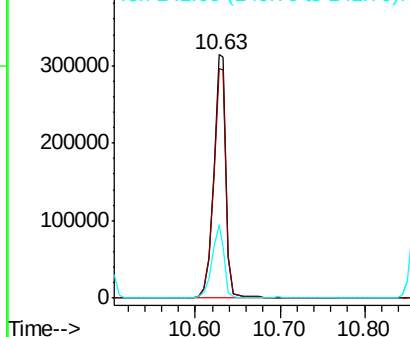
330 100

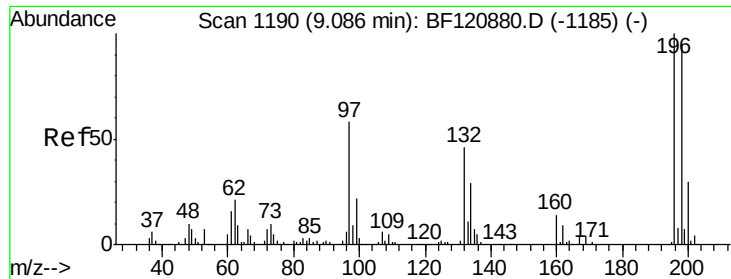
332 95.2 76.1 114.1

141 29.3 24.1 36.1



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

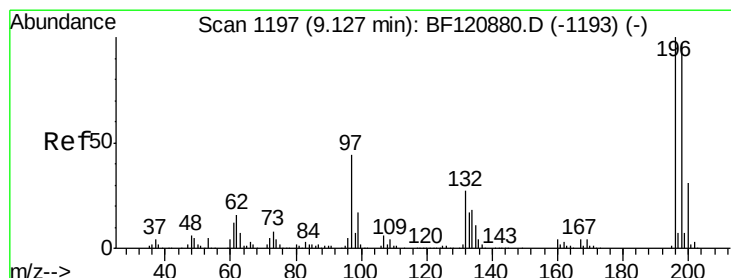
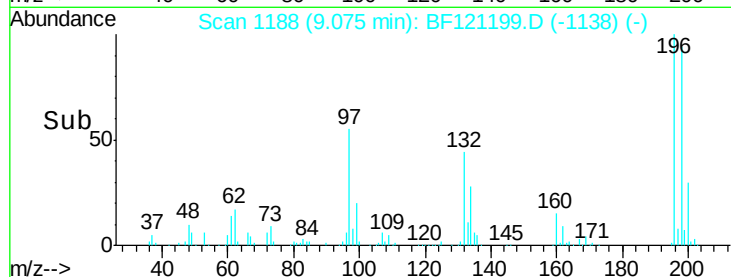
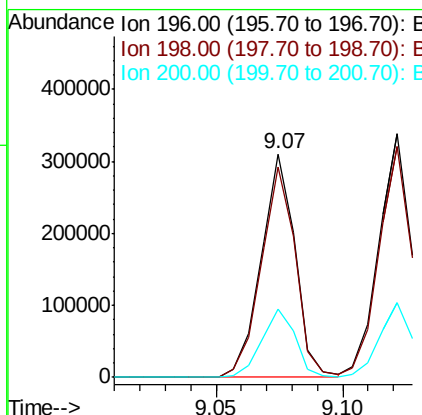
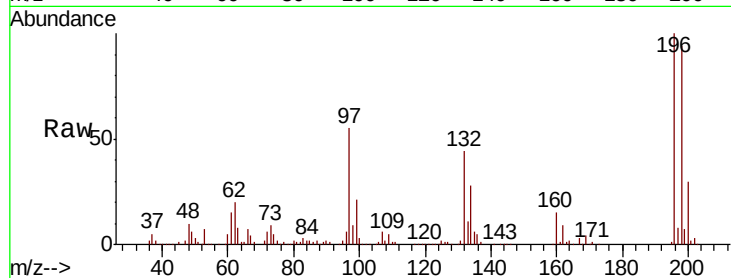




#43
 2,4,6-Trichlorophenol
 Concen: 47.331 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

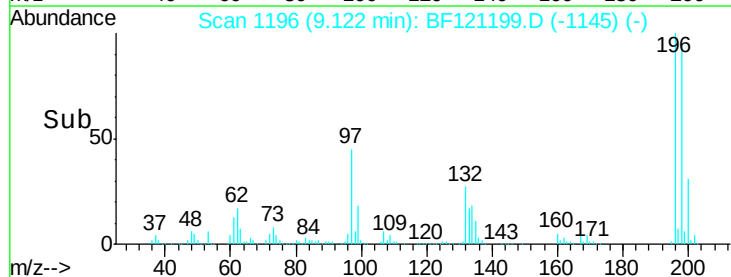
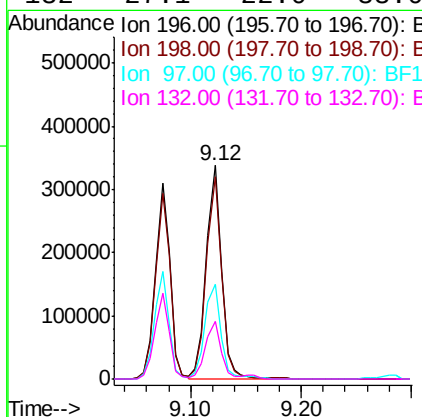
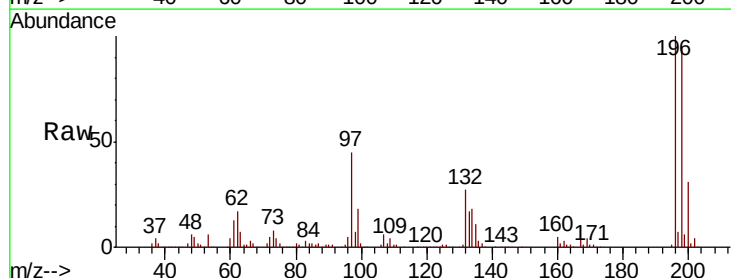
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

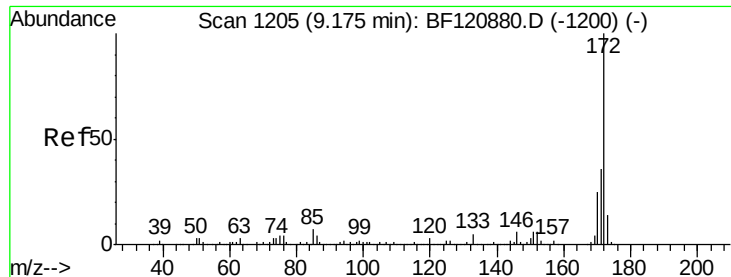
Tot Ion	196	Resp	291244
Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.5	116.3
200	30.3	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.278 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion	196	Resp	316038
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.4
97	44.6	37.3	55.9
132	27.1	22.0	33.0

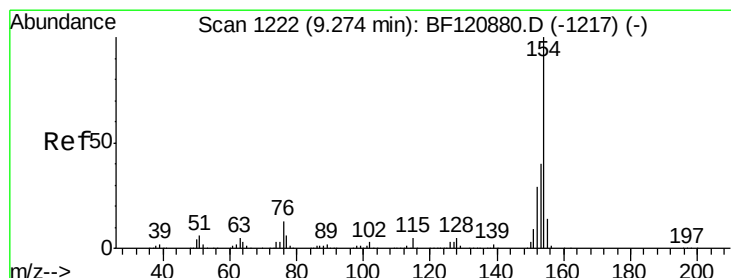
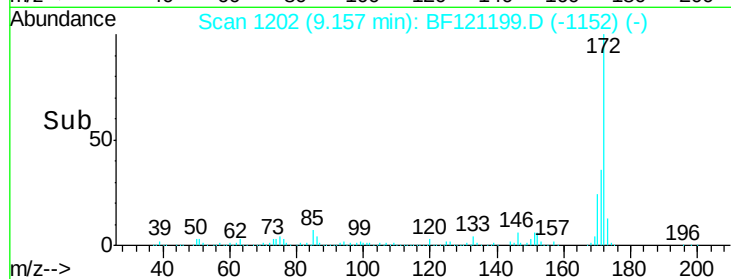
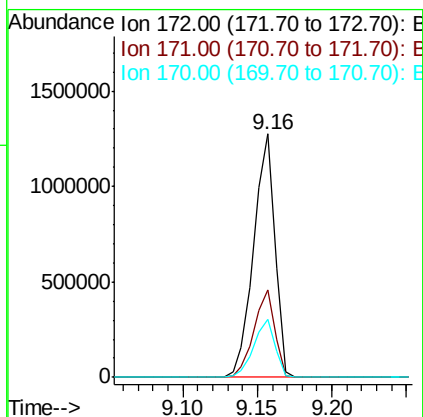
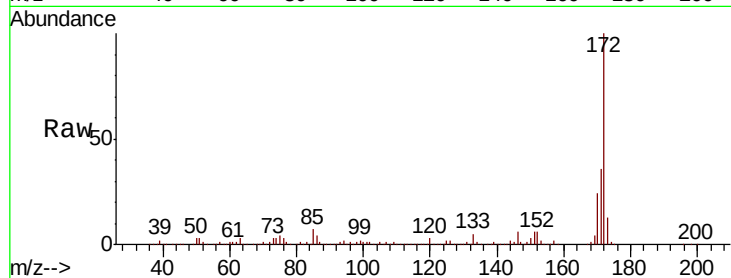




#45
2-Fluorobiphenyl
Concen: 62.320 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

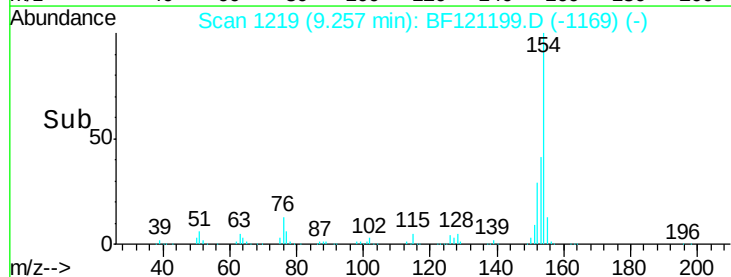
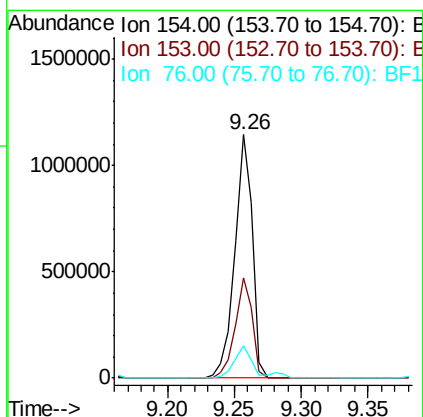
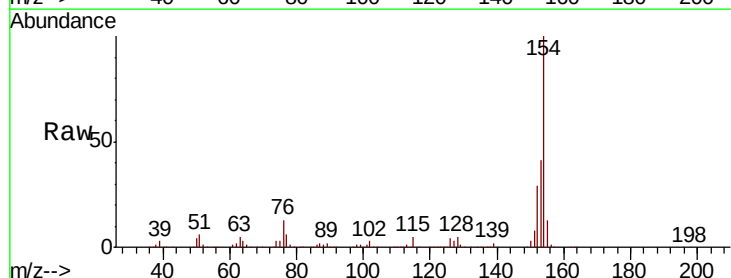
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

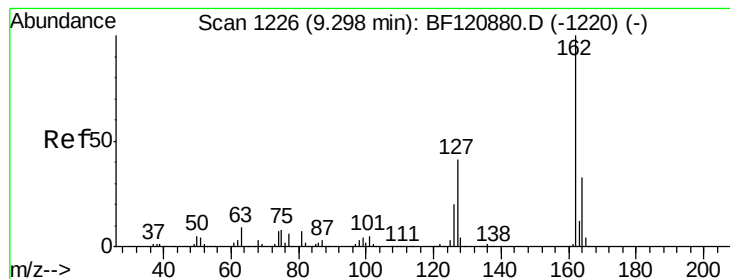
Tot Ion:172 Resp: 1252027
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.1 19.6 29.4



#46
1,1'-Biphenyl
Concen: 46.430 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:154 Resp: 1062344
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 13.2 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.073 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

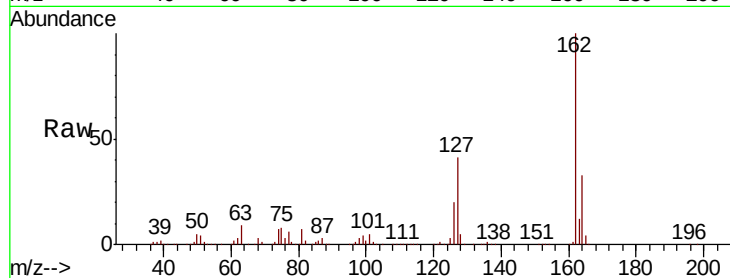
Tot Ion:162 Resp: 822159

Ion Ratio Lower Upper

162 100

127 41.5 31.1 46.7

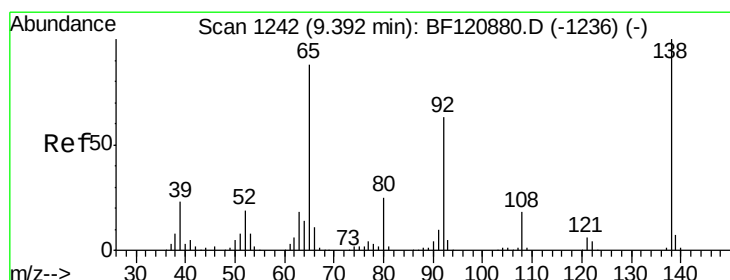
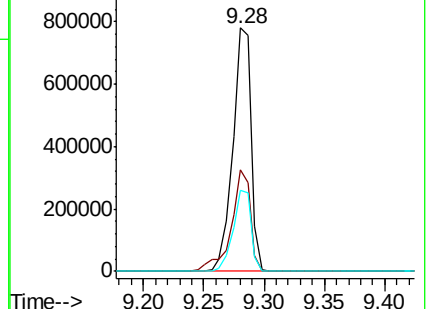
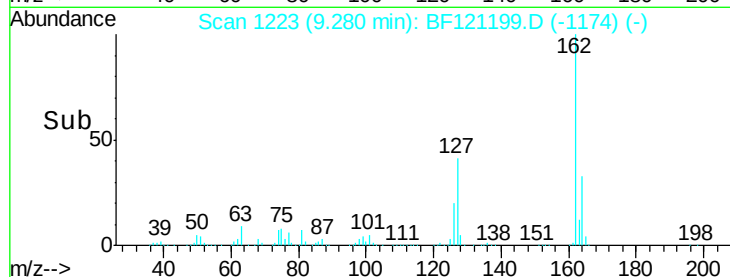
164 33.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.814 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

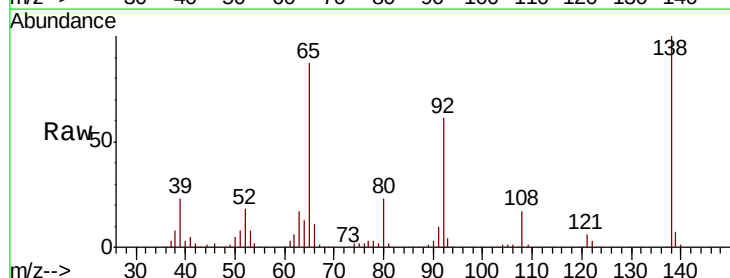
Tgt Ion: 65 Resp: 275191

Ion Ratio Lower Upper

65 100

92 70.4 58.0 87.0

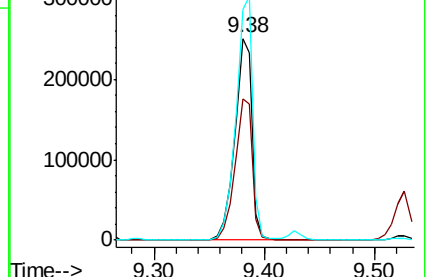
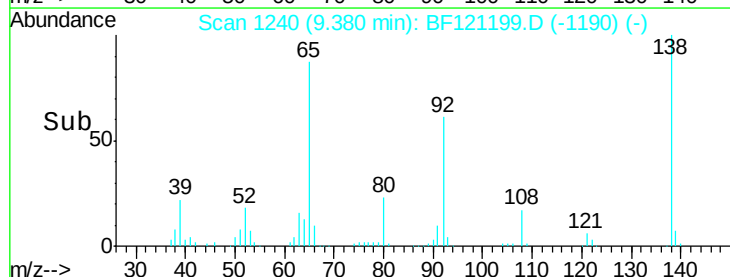
138 114.8 93.3 139.9

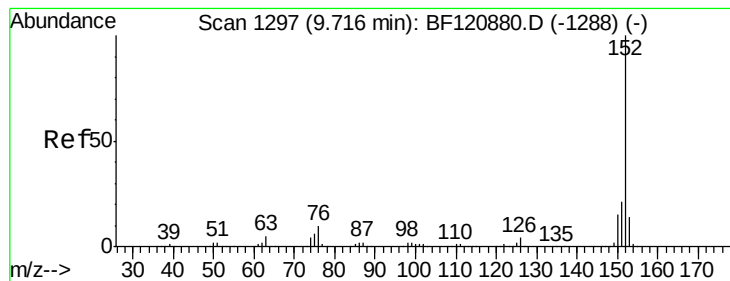


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.681 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

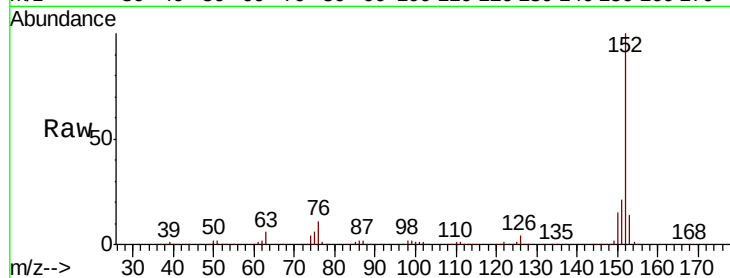
Tot Ion:152 Resp: 1323861

Ion Ratio Lower Upper

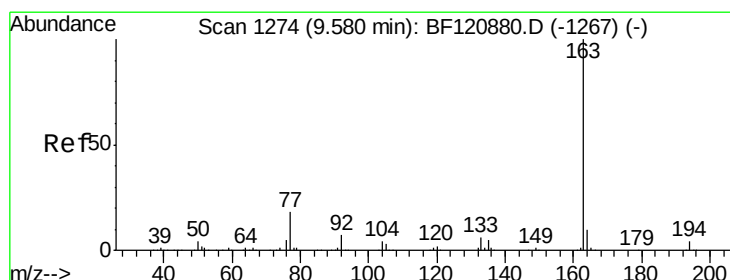
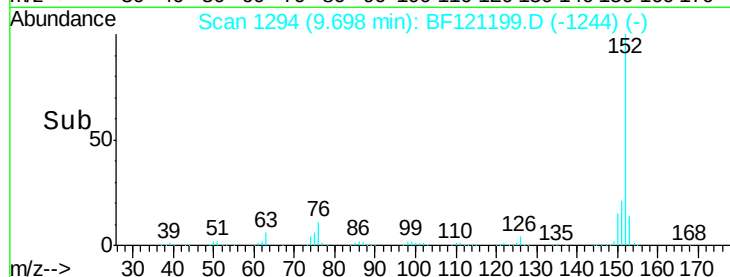
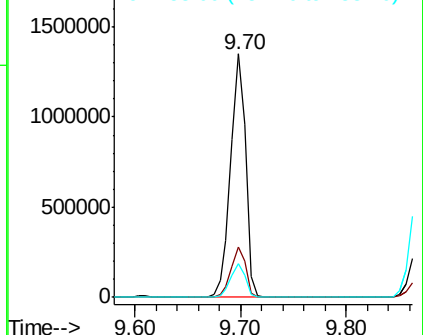
152 100

151 20.9 16.6 25.0

153 13.8 11.0 16.4



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



#50

Dimethylphthalate

Concen: 53.214 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

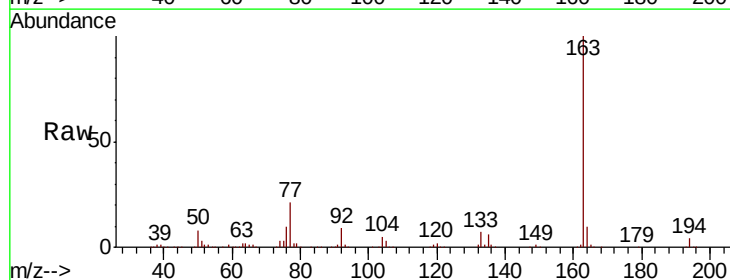
Tgt Ion:163 Resp: 1151559

Ion Ratio Lower Upper

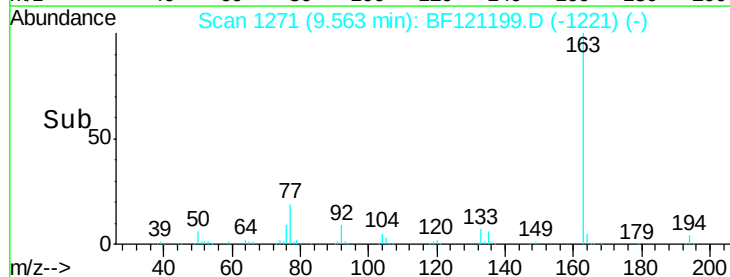
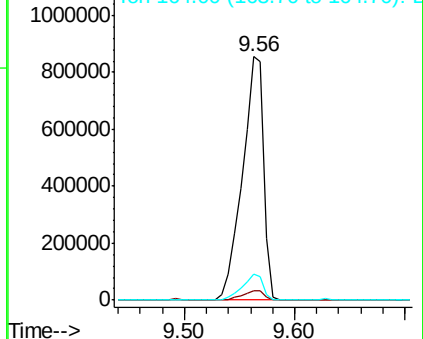
163 100

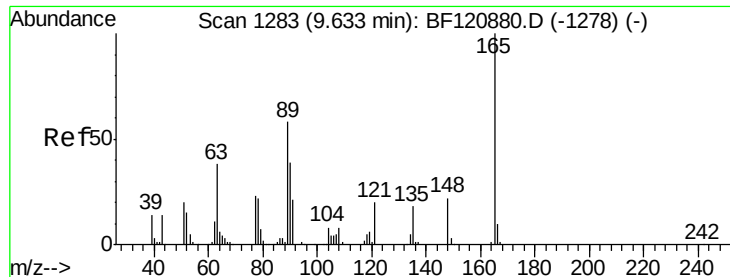
194 3.9 3.0 4.4

164 10.5 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 49.404 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

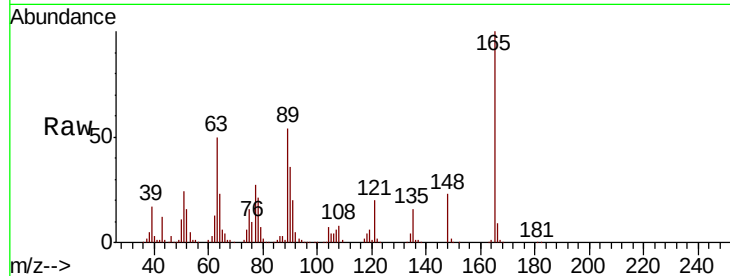
Tot Ion:165 Resp: 229687

Ion Ratio Lower Upper

165 100

63 49.8 41.1 61.7

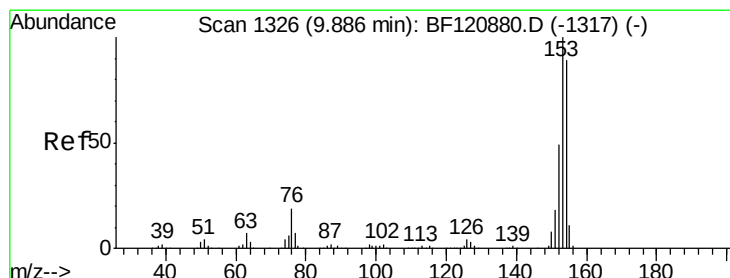
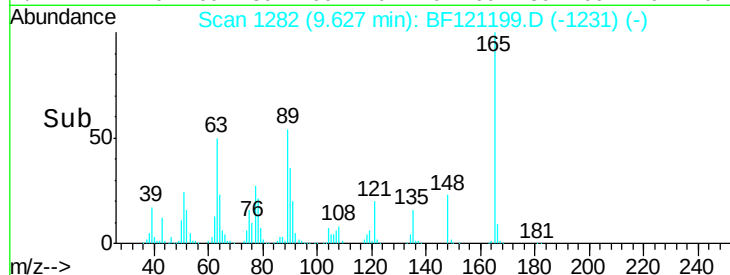
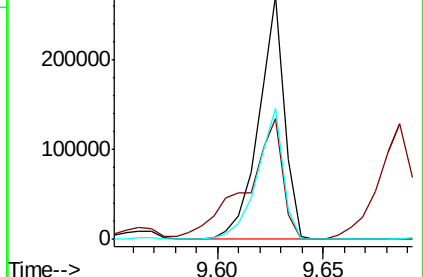
89 53.6 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.237 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

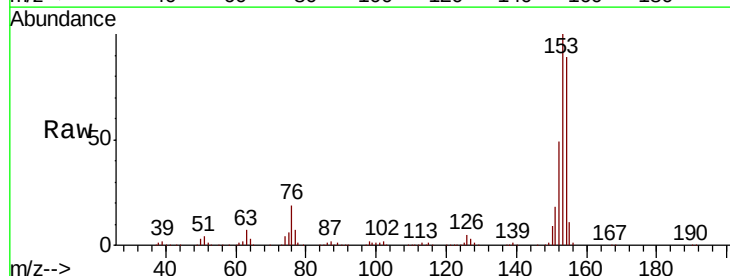
Tgt Ion:154 Resp: 759787

Ion Ratio Lower Upper

154 100

153 113.0 89.6 134.4

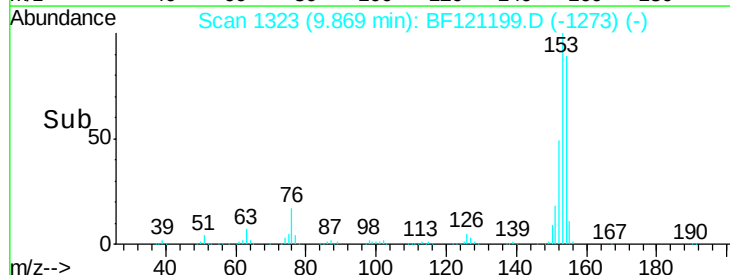
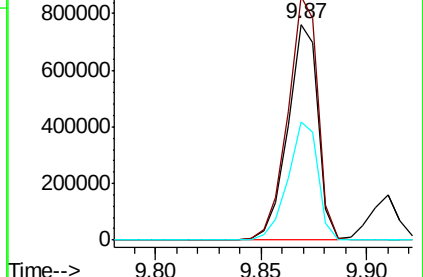
152 54.9 43.8 65.6

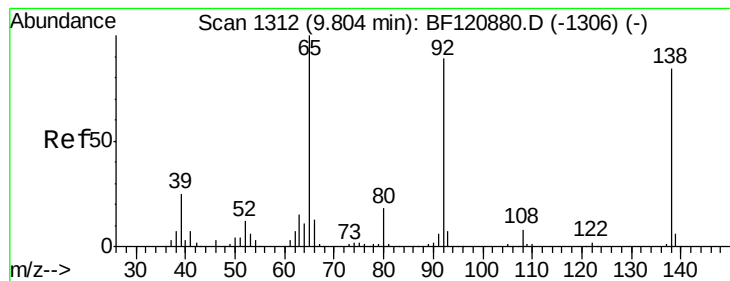


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.269 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

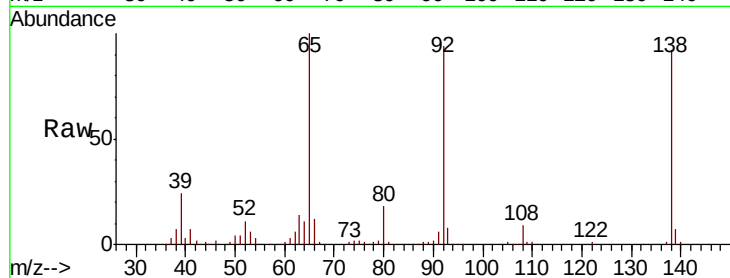
Tot Ion:138 Resp: 182324

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

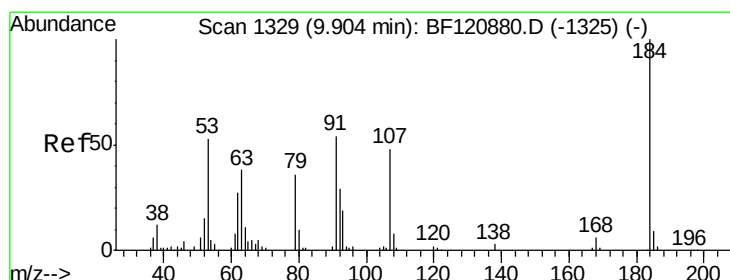
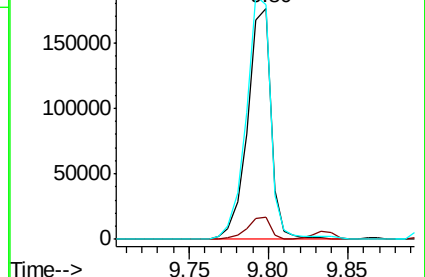
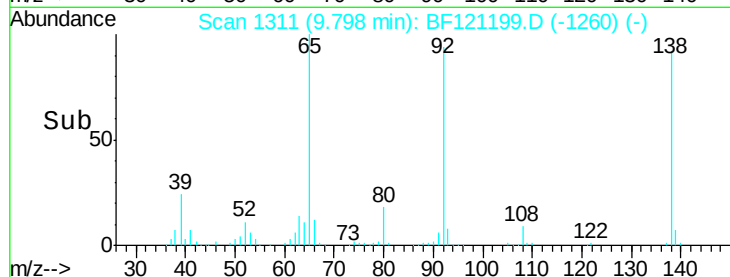
92 101.5 85.0 127.4



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: 97.713 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

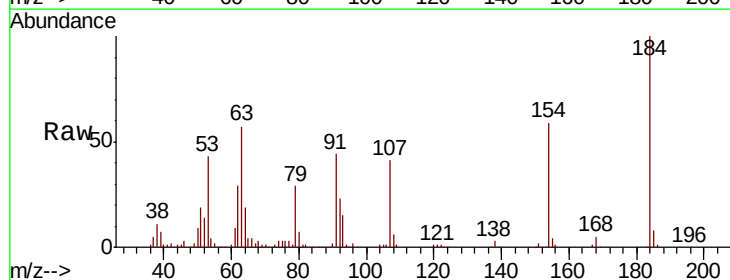
Tgt Ion:184 Resp: 265912

Ion Ratio Lower Upper

184 100

63 56.6 42.5 63.7

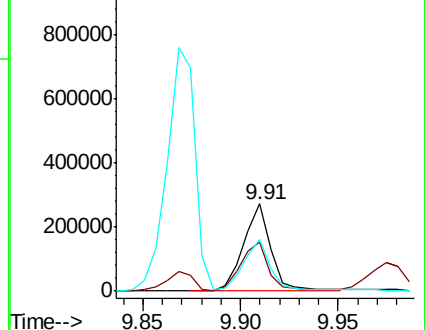
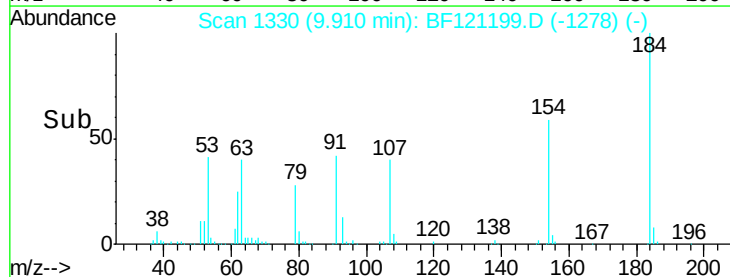
154 59.1 46.8 70.2

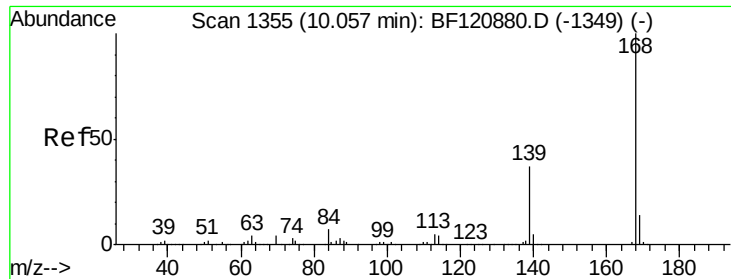


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

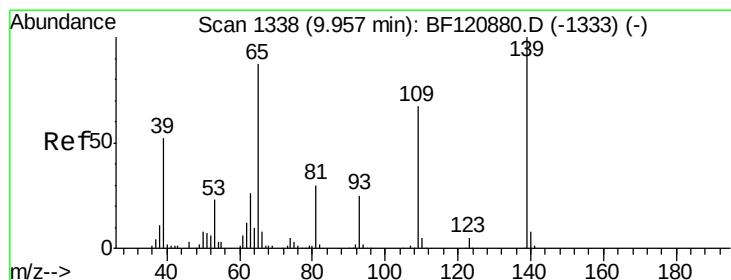
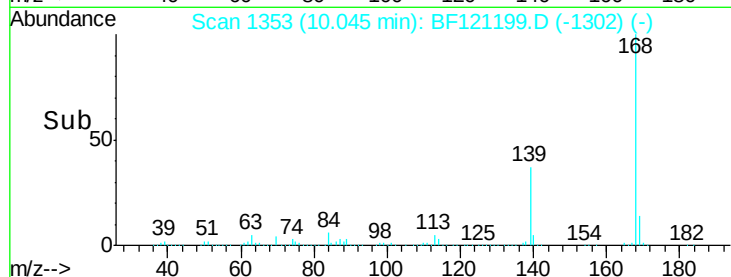
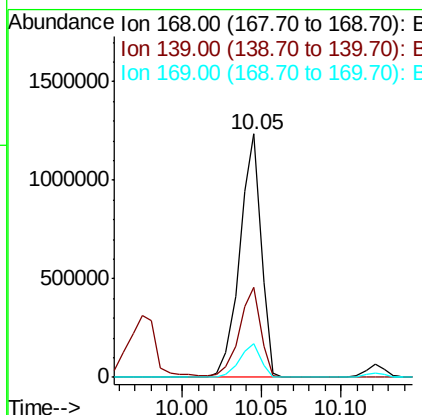
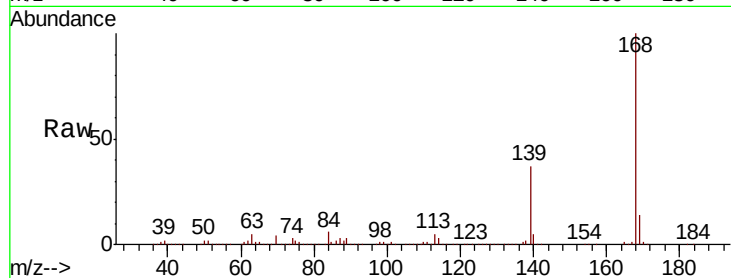




#55
Dibenzofuran
Concen: 43.202 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

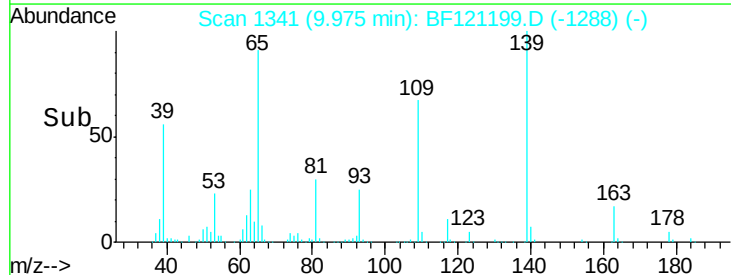
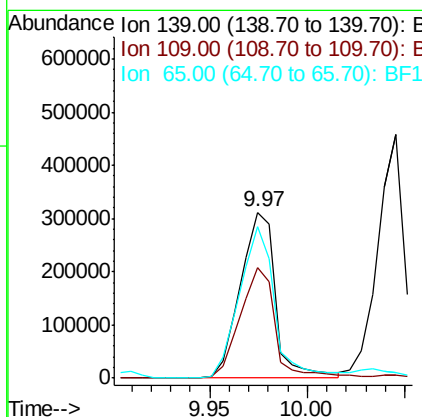
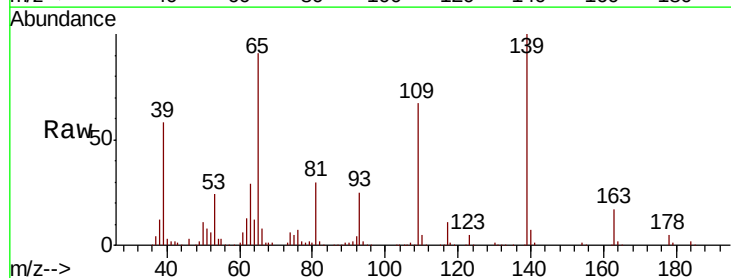
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

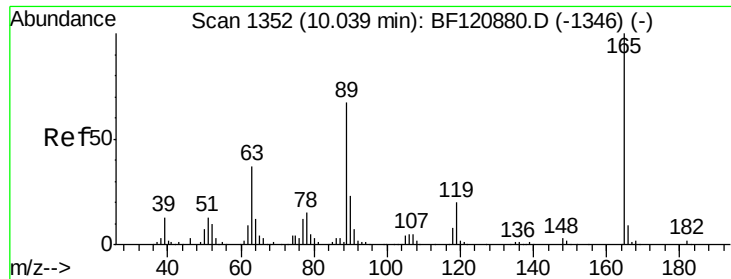
Tot Ion:168 Resp: 1151088
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 88.434 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:139 Resp: 391698
Ion Ratio Lower Upper
139 100
109 66.8 44.8 84.8
65 91.4 65.6 105.6

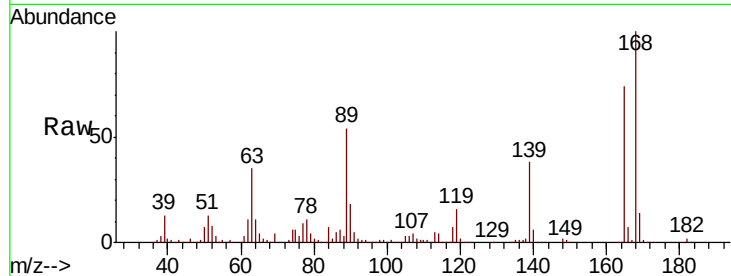




#57
2,4-Dinitrotoluene
Concen: 48.585 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	29.8	44.8#
89	72.4	50.3	75.5
182	2.5	2.1	3.1



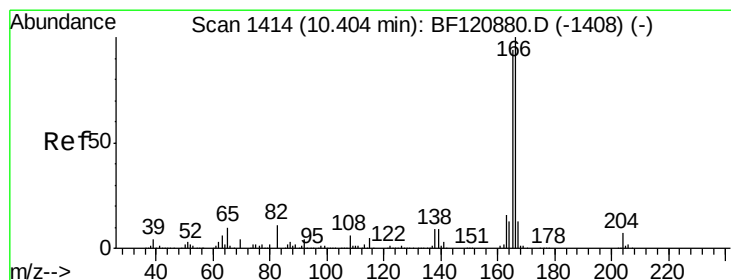
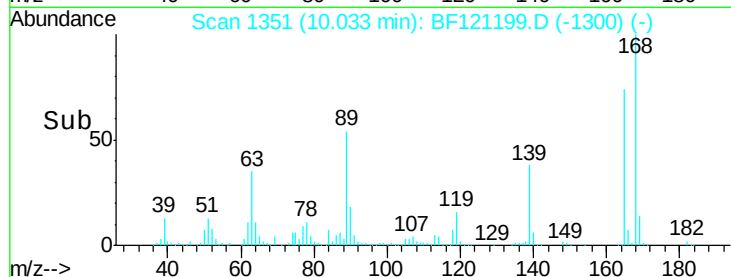
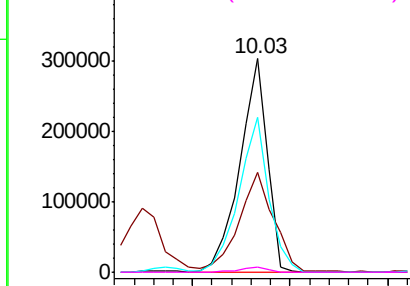
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

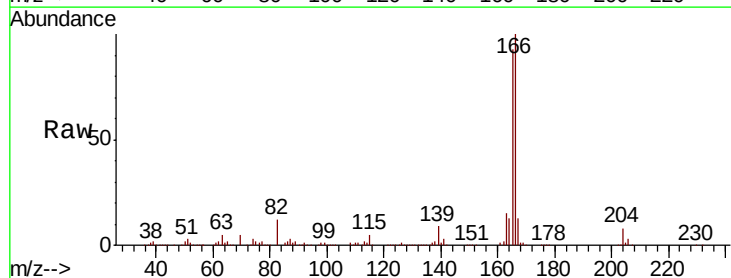
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.229 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	76.4	114.6
167	13.5	10.7	16.1

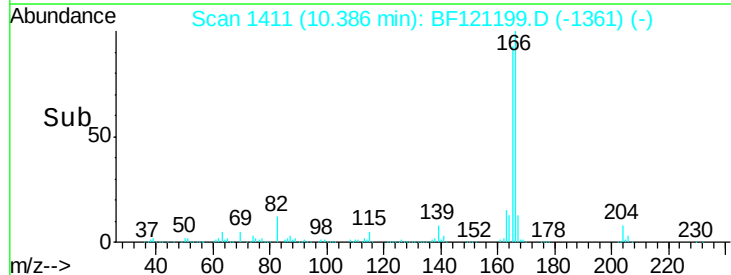
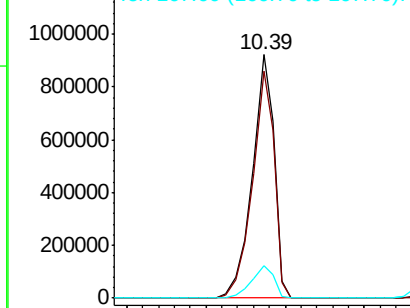


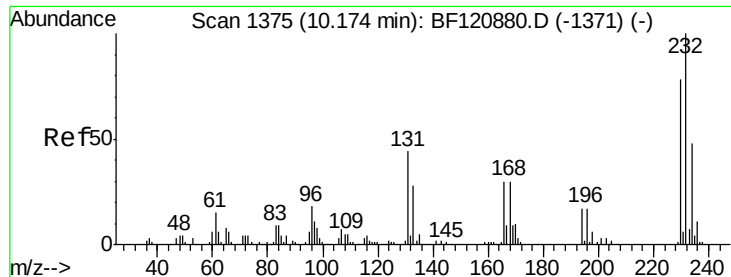
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

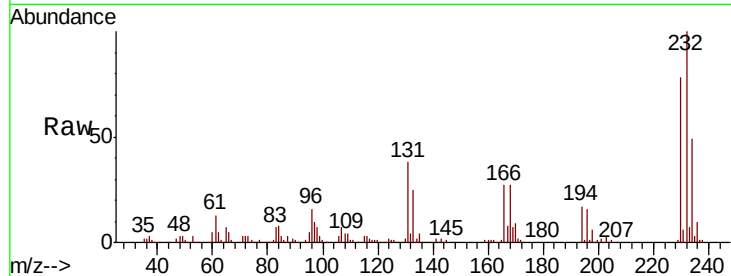




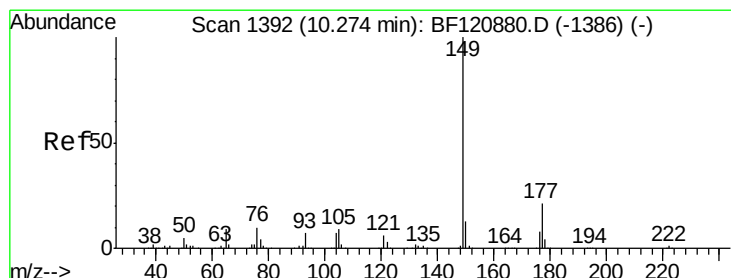
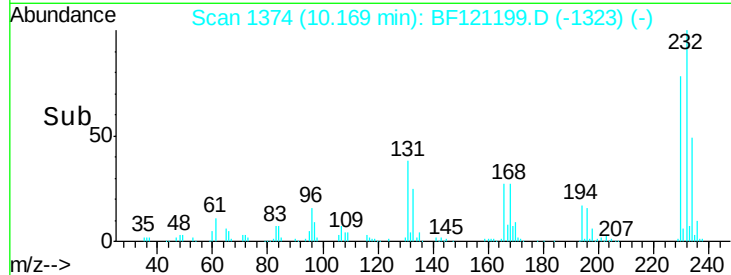
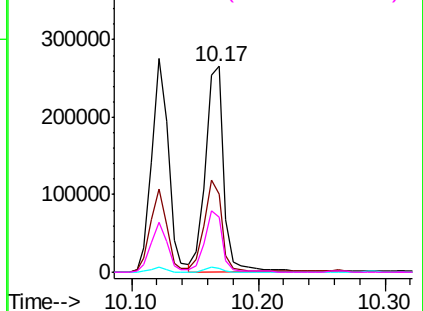
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.795 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tot Ion:	232	Resp:	269945
Ion	Ratio	Lower	Upper
232	100		
131	42.7	34.2	51.2
130	2.1	1.7	2.5
166	28.6	23.1	34.7

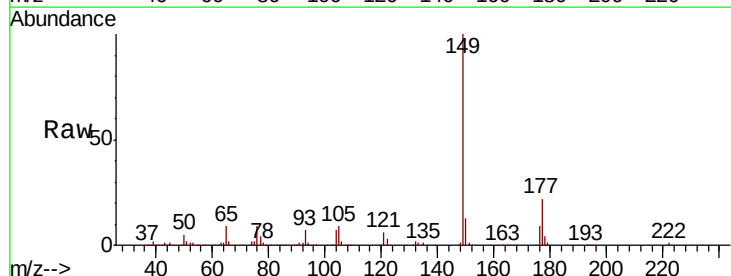


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

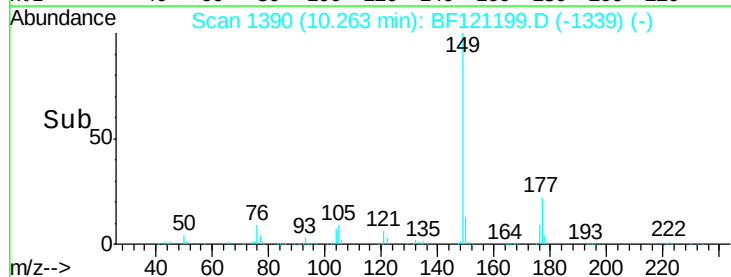
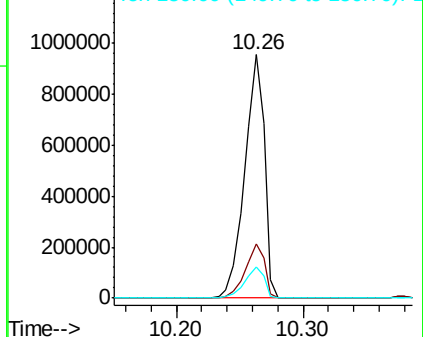


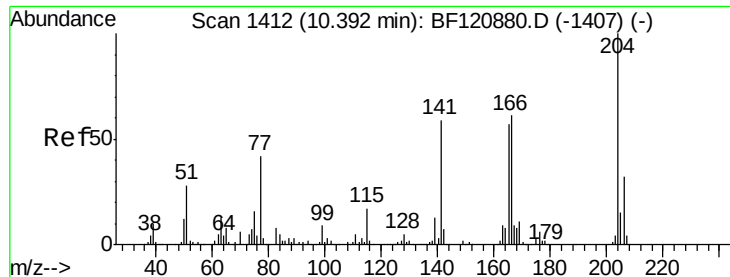
#60
 Diethylphthalate
 Concen: 46.653 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:	149	Resp:	1021163
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.8	10.2	15.4



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

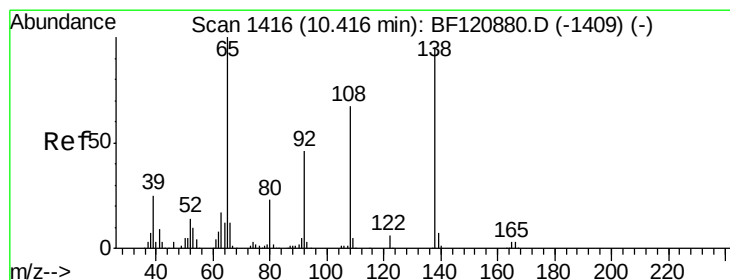
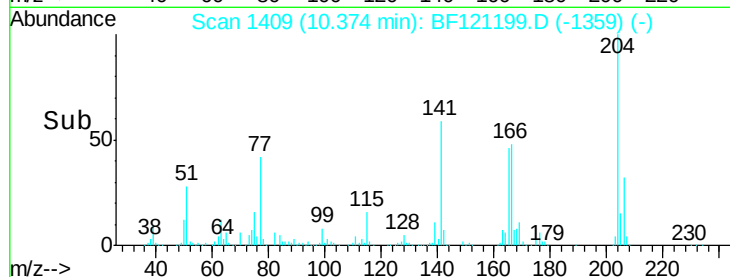
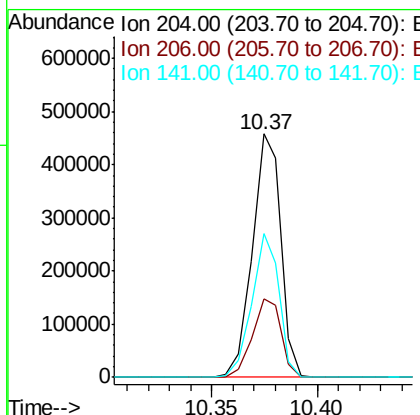
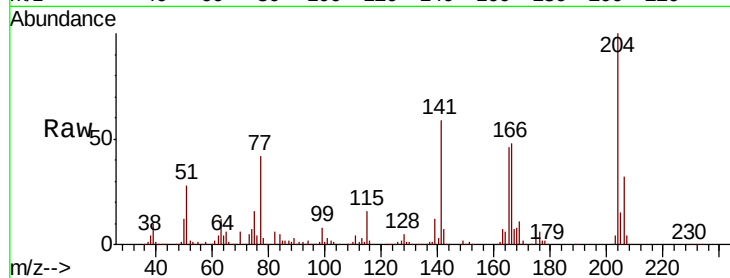




#61
4-Chlorophenyl-phenylether
Concen: 40.469 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

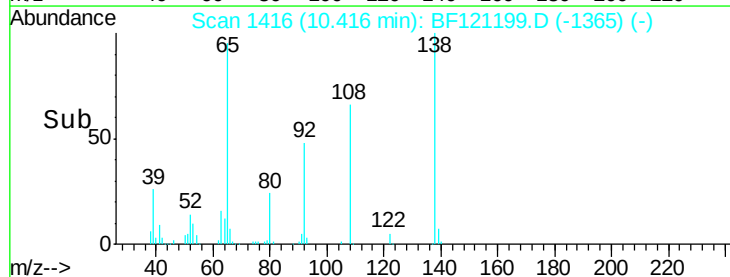
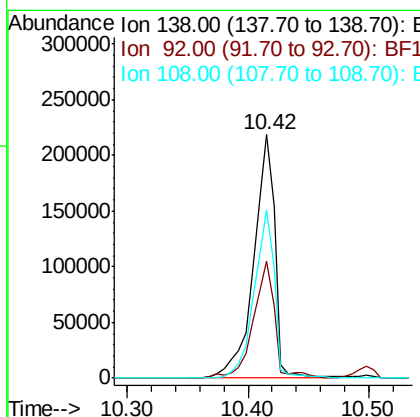
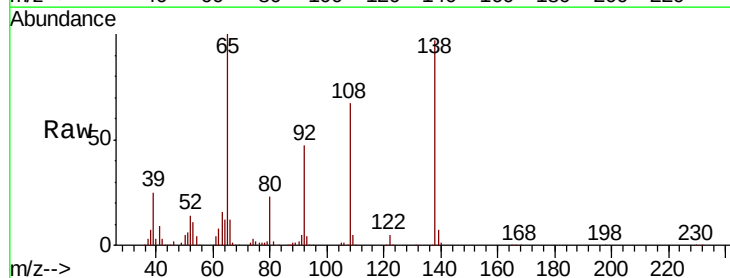
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

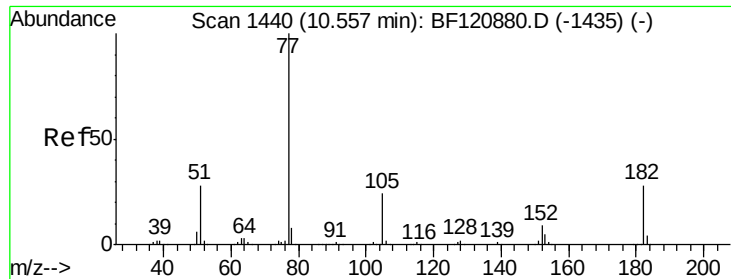
Tot Ion:204 Resp: 428943
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.2 46.9 70.3



#62
4-Nitroaniline
Concen: 47.108 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:138 Resp: 267565
Ion Ratio Lower Upper
138 100
92 48.2 25.2 65.2
108 68.8 46.7 86.7





#63

Azobenzene

Concen: 45.518 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tot Ion: 77 Resp: 948500

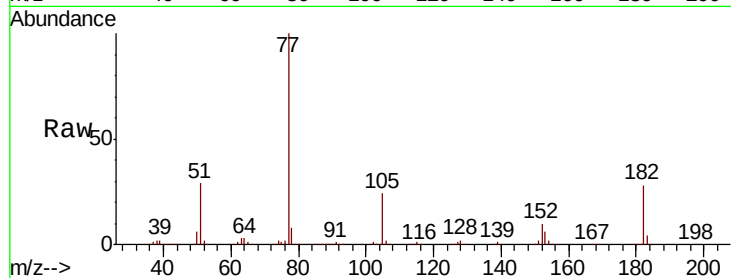
Ion Ratio Lower Upper

77 100

182 27.6 4.5 44.5

105 23.9 3.4 43.4

51 28.7 8.7 48.7

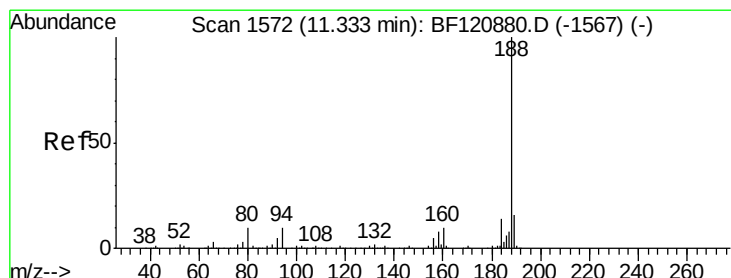
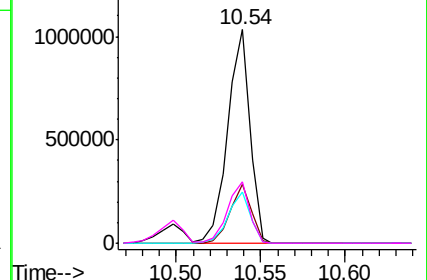
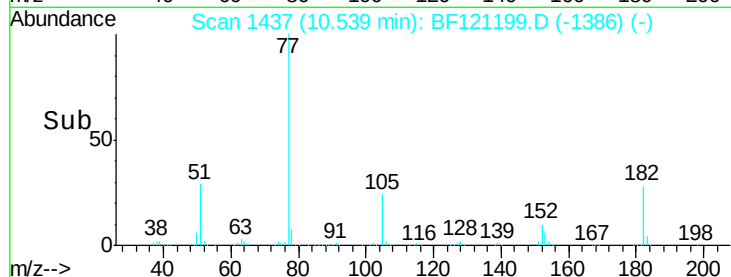


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

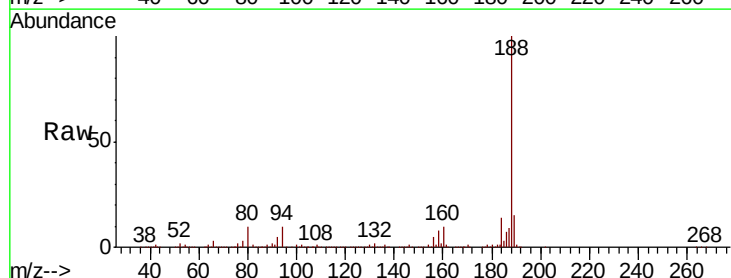
Tgt Ion: 188 Resp: 593094

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

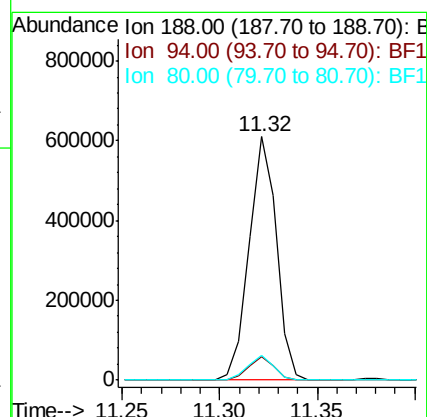
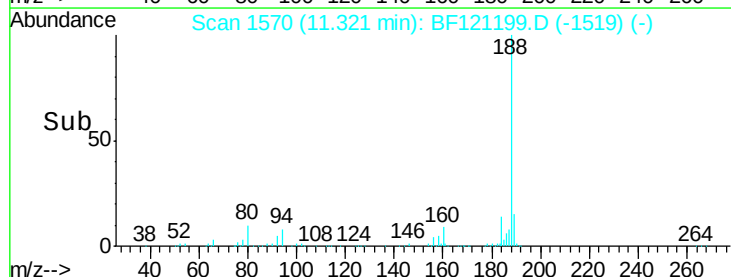
80 10.1 8.3 12.5

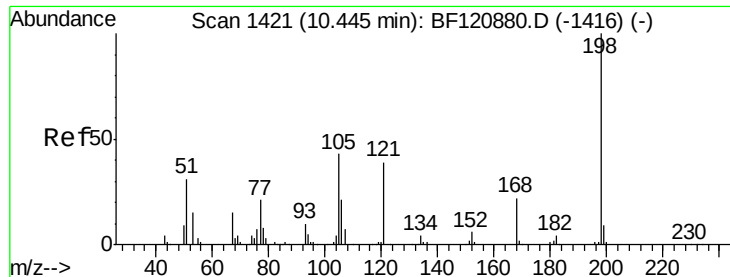


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 52.953 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

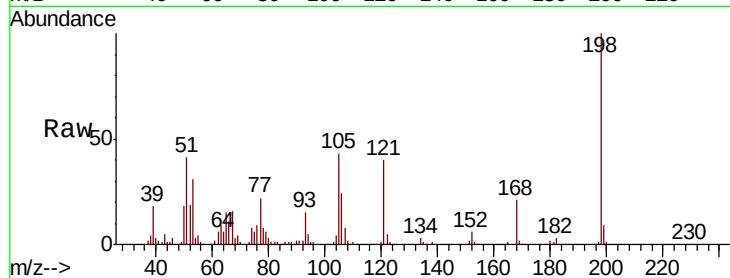
Tot Ion:198 Resp: 183246

Ion Ratio Lower Upper

198 100

51 41.2 23.4 63.4

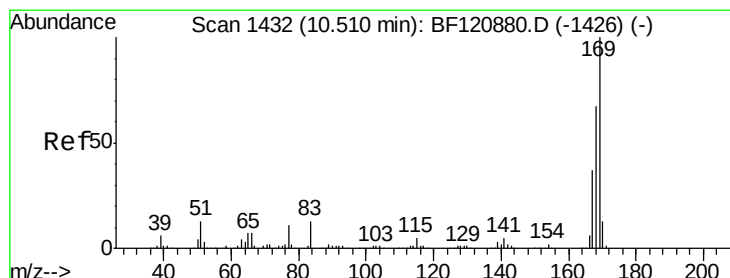
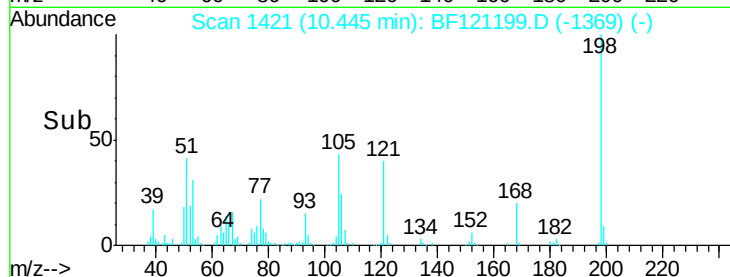
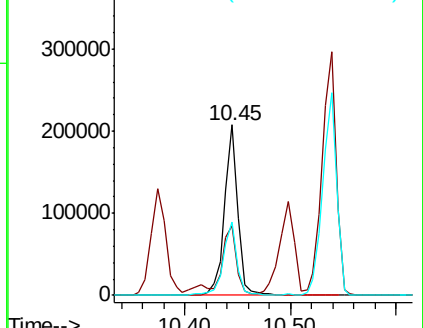
105 43.4 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.804 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

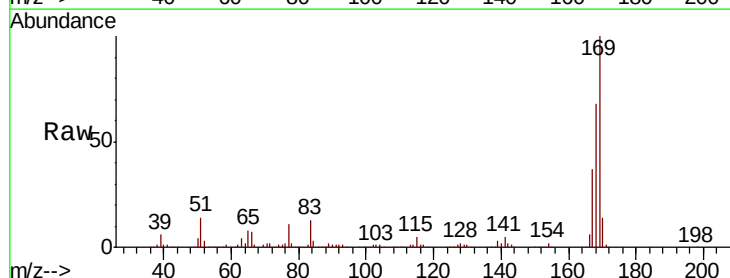
Tgt Ion:169 Resp: 854599

Ion Ratio Lower Upper

169 100

168 67.7 53.7 80.5

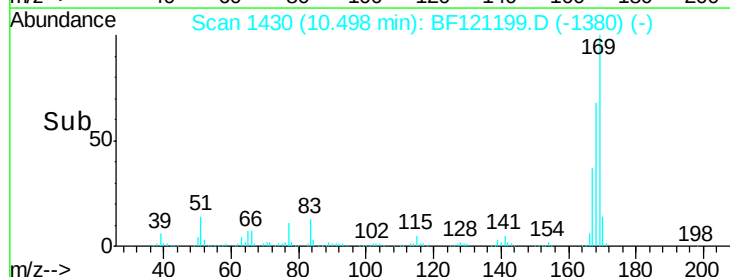
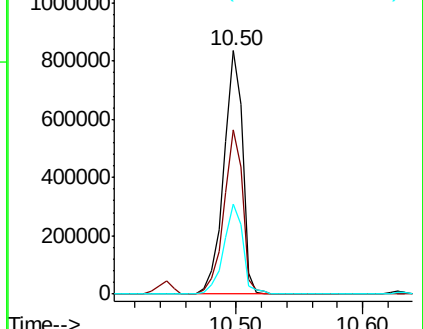
167 37.2 30.0 45.0

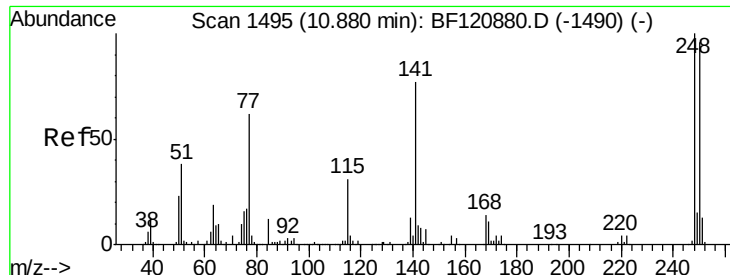


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

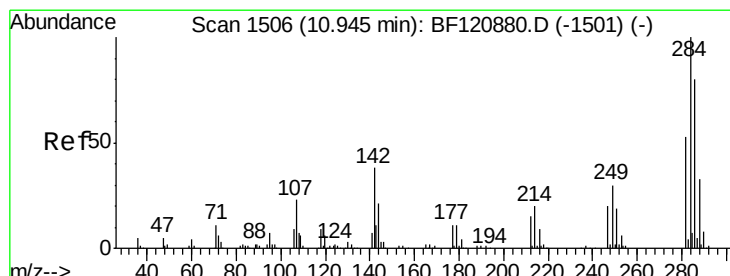
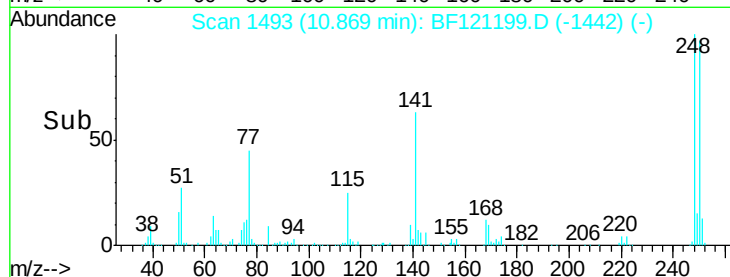
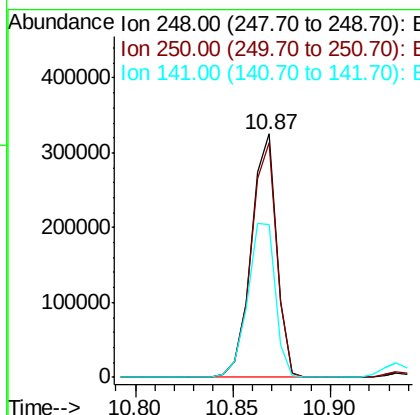
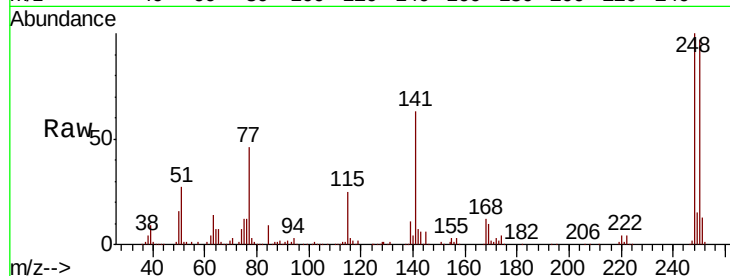




#67
 4-Bromophenyl-phenylether
 Concen: 44.289 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

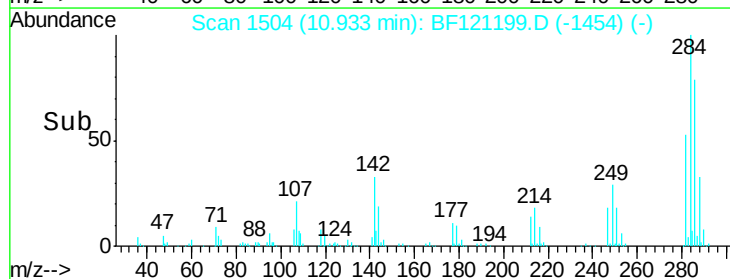
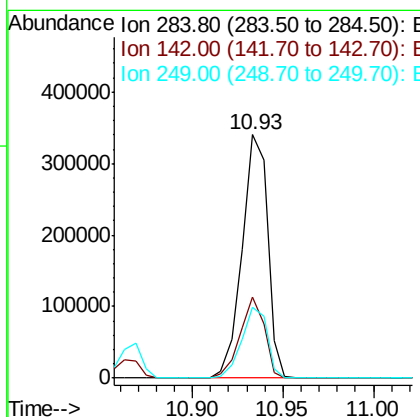
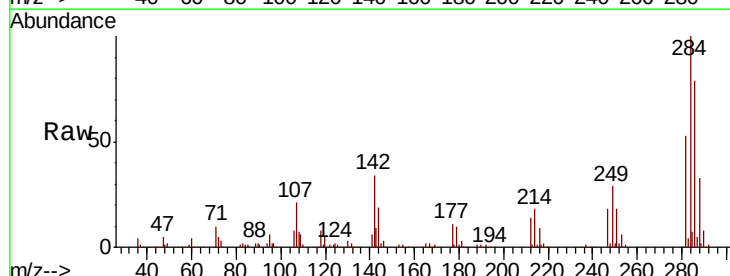
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

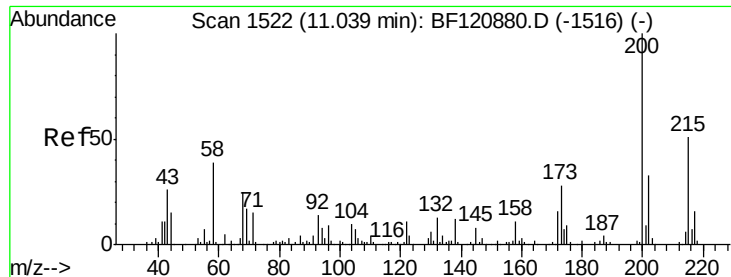
Tot Ion:248 Resp: 292864
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.0 115.6
 141 62.8 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 46.768 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:284 Resp: 334534
 Ion Ratio Lower Upper
 284 100
 142 33.5 21.1 31.7#
 249 29.1 22.5 33.7

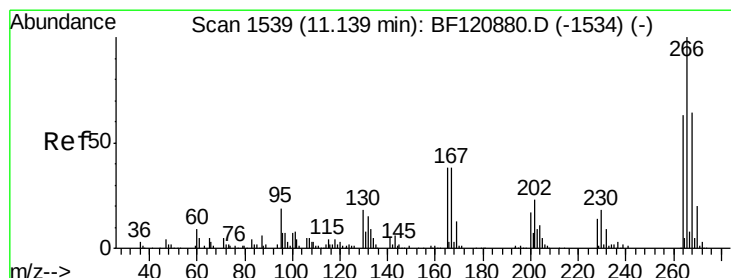
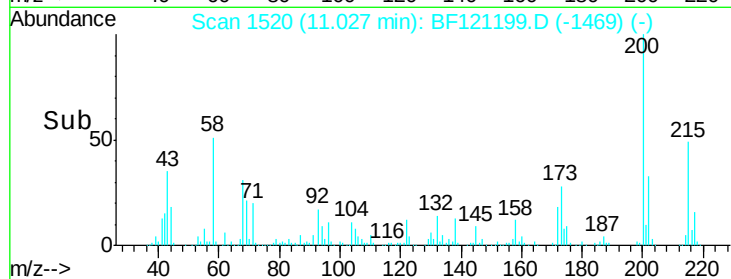
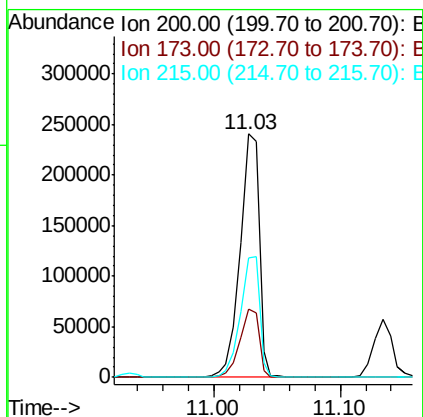
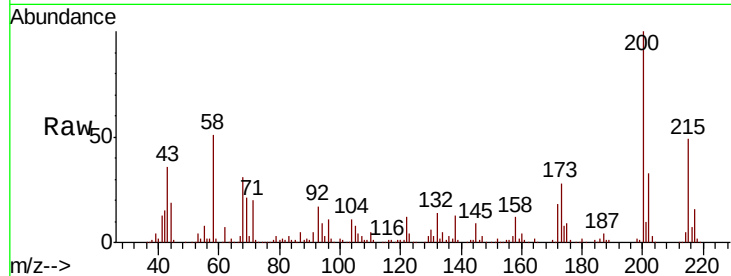




#69
 Atrazine
 Concen: 54.213 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

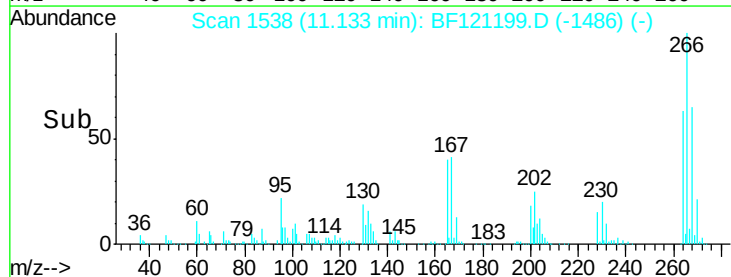
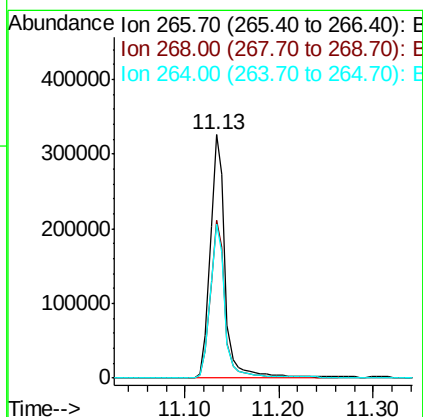
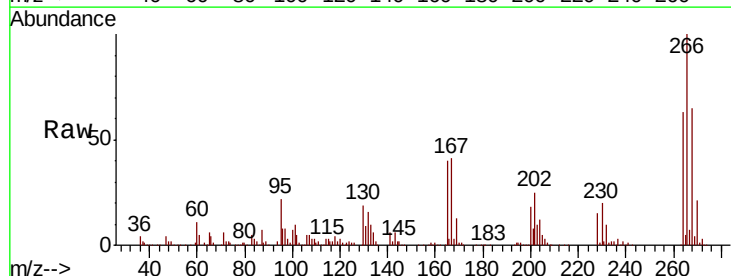
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

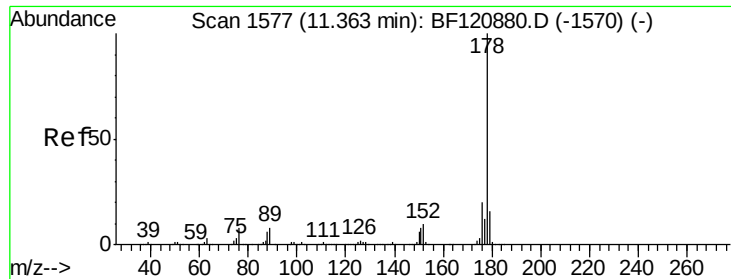
Tot Ion:200 Resp: 250501
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.6 47.6
 215 49.1 28.8 68.8



#70
 Pentachlorophenol
 Concen: 90.343 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:266 Resp: 370212
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.7 74.5
 264 63.4 50.4 75.6

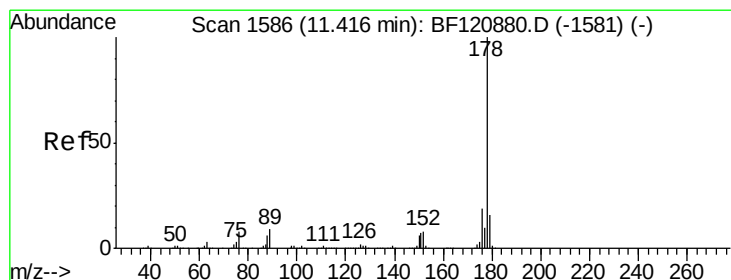
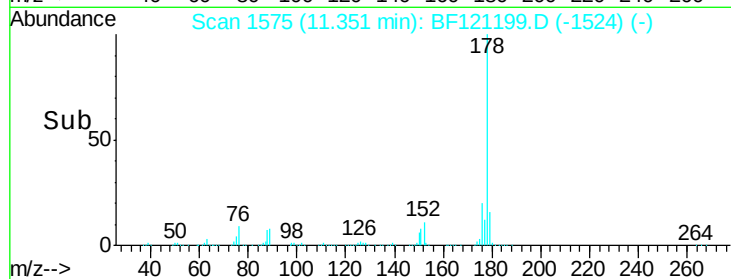
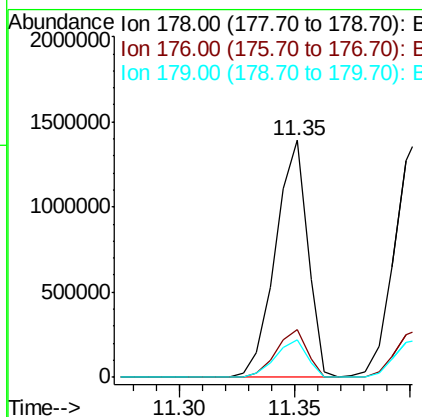
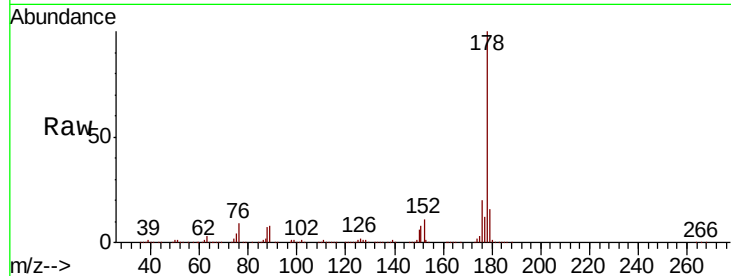




#71
Phenanthrene
Concen: 44.090 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

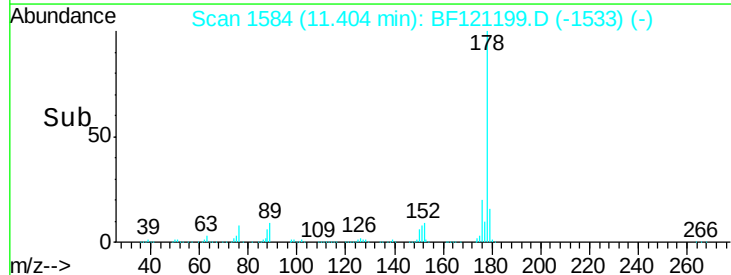
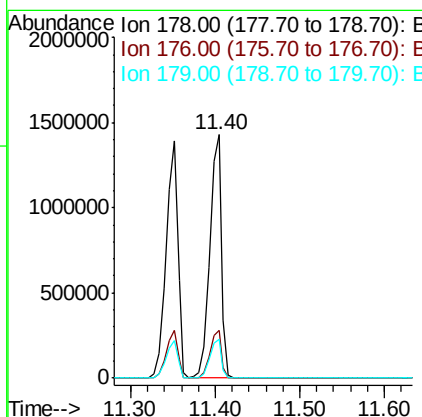
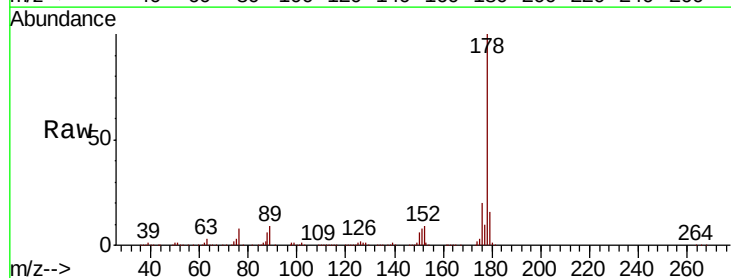
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

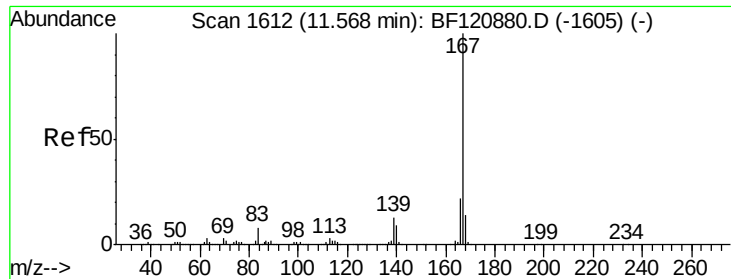
Tot Ion:178 Resp: 1344877
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.9 12.6 19.0



#72
Anthracene
Concen: 45.638 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:178 Resp: 1397859
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.6 19.0

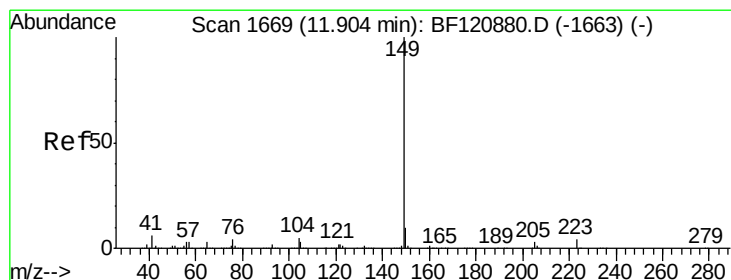
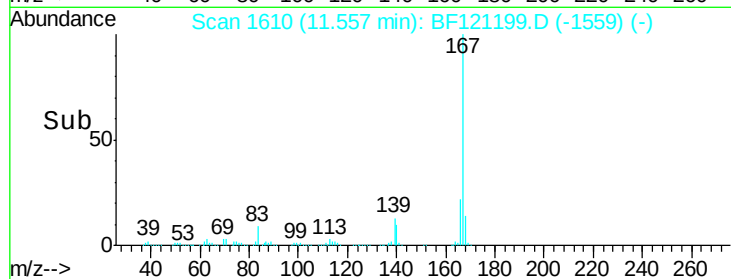
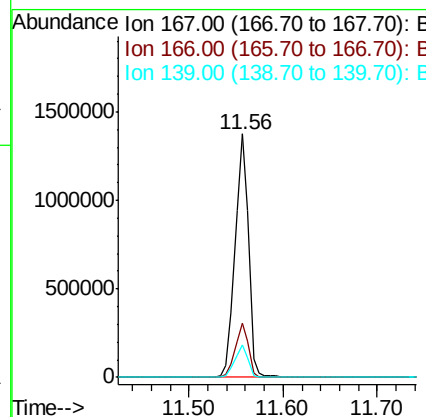
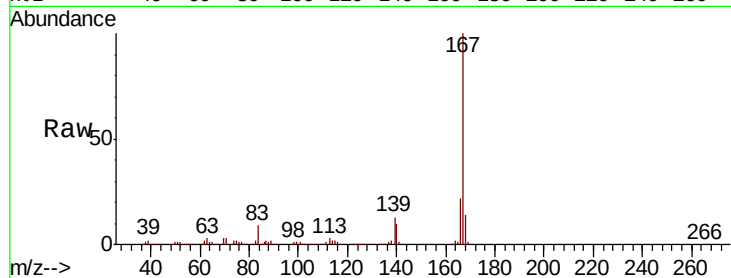




#73
 Carbazole
 Concen: 45.011 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

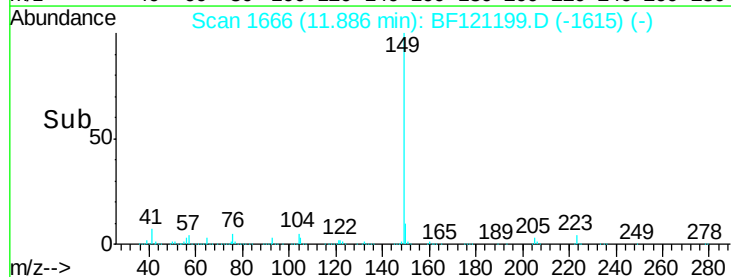
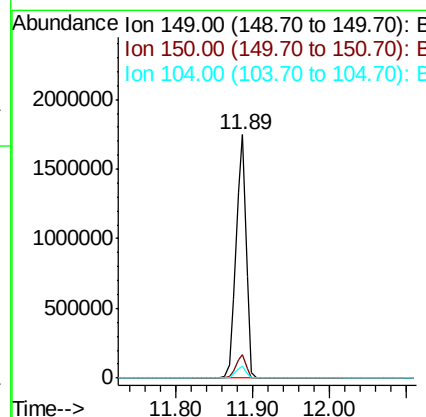
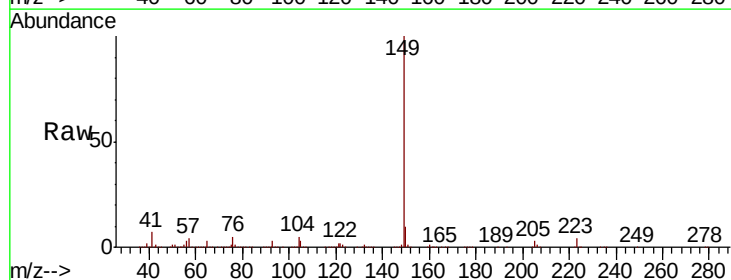
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

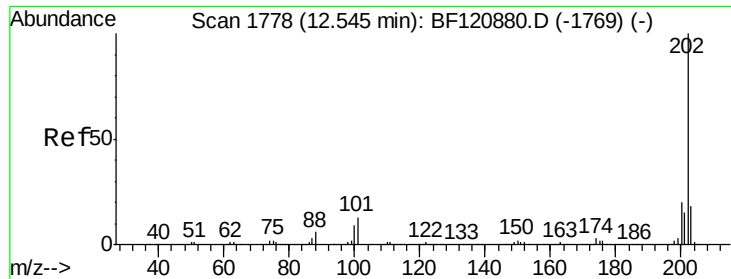
Tot Ion:167 Resp: 1368192
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.572 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:149 Resp: 1598586
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.9 3.9 5.9

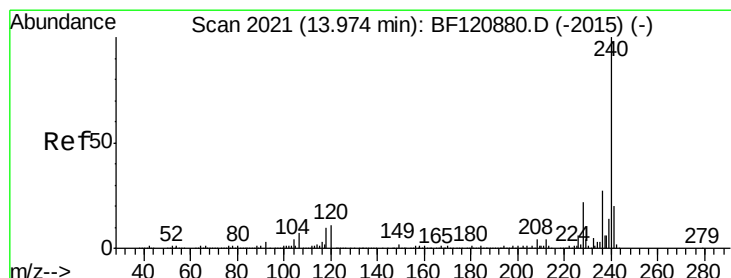
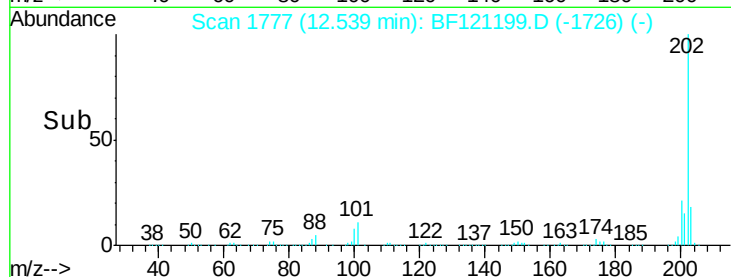
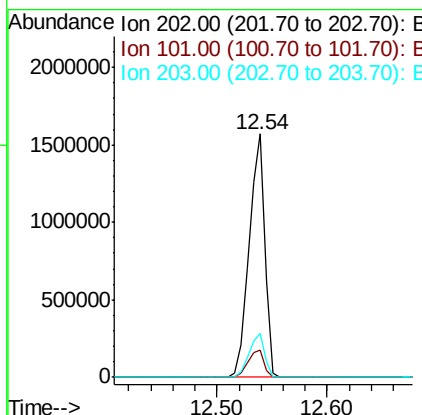
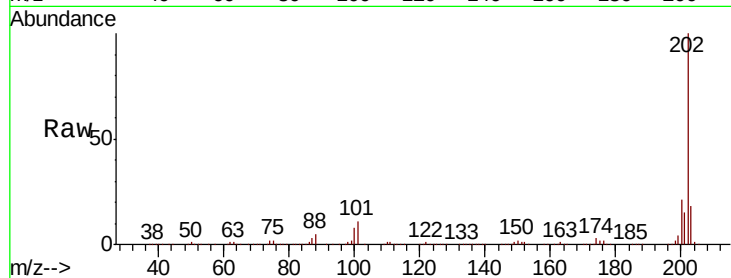




#75
 Fluoranthene
 Concen: 46.503 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

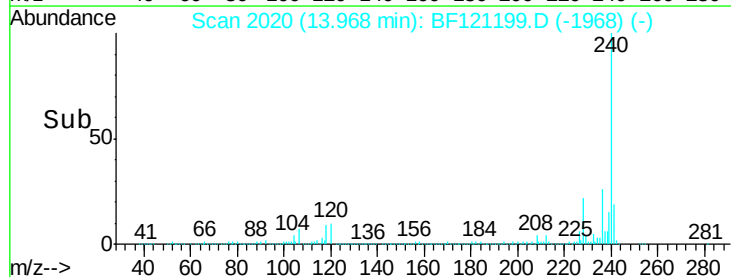
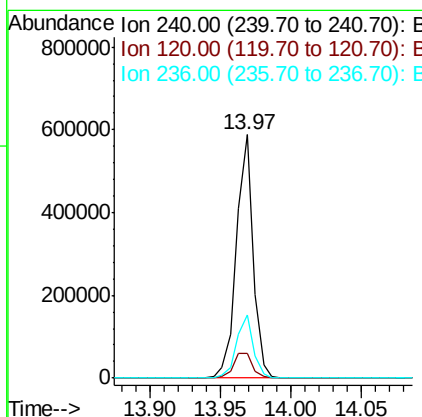
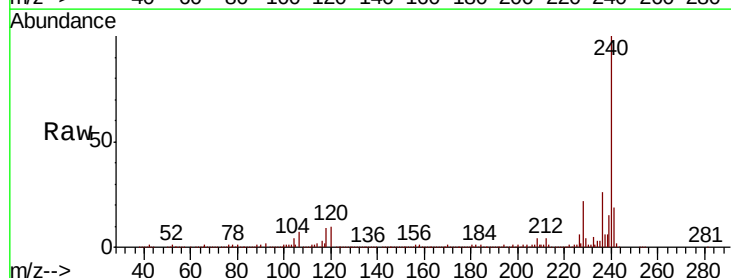
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

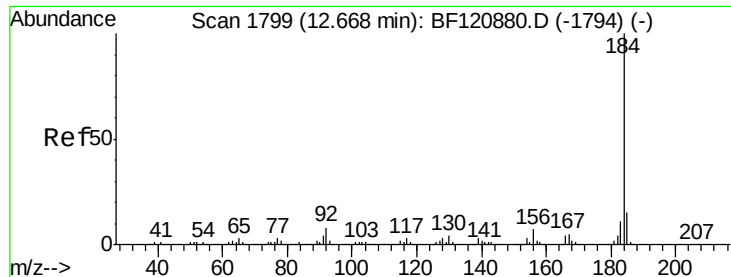
Tot Ion:202 Resp: 1572261
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.5
 203 17.8 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:240 Resp: 486450
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.3 13.9
 236 26.1 21.1 31.7





#77

Benzidine

Concen: 57.655 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

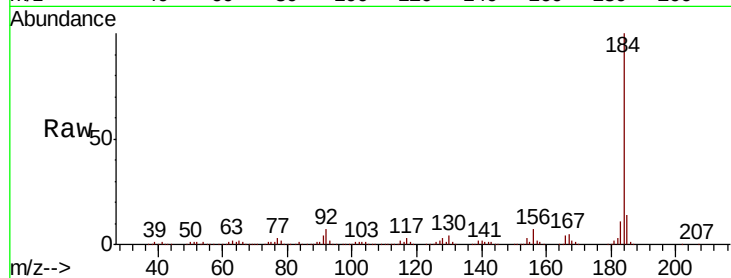
Tot Ion:184 Resp: 737385

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.1	18.1
183	10.9	9.0	13.4

184 100

185 14.3 12.1 18.1

183 10.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

1000000

800000

600000

400000

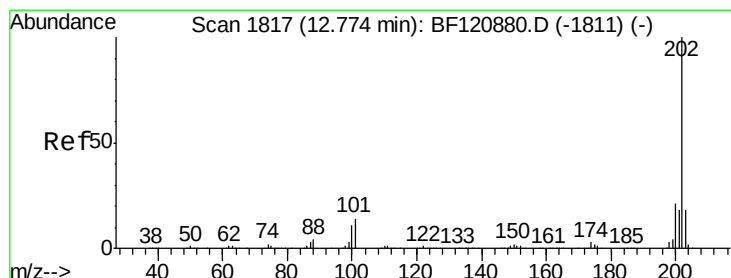
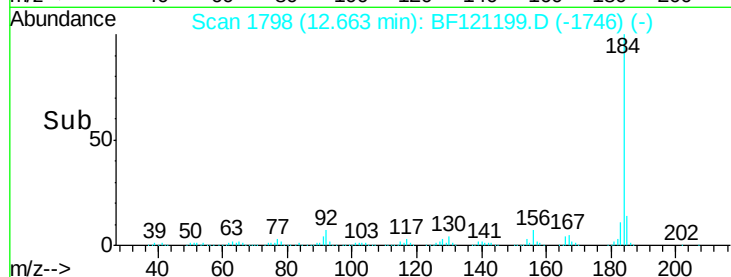
200000

0

12.66

12.60 12.70 12.80

Time-->



#78

Pyrene

Concen: 46.644 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

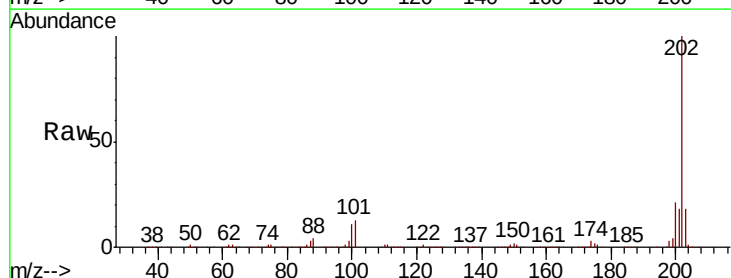
Tgt Ion:202 Resp: 1604181

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.7	14.6	21.8

202 100

200 21.3 17.0 25.6

203 17.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

2000000

1500000

1000000

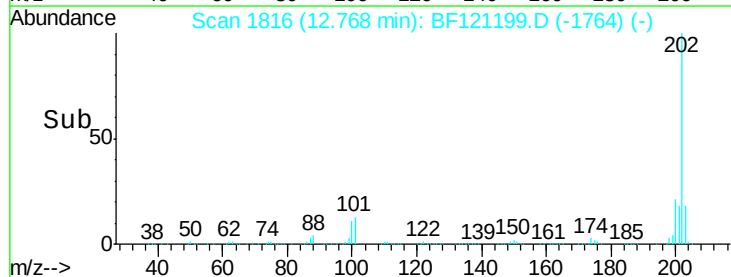
500000

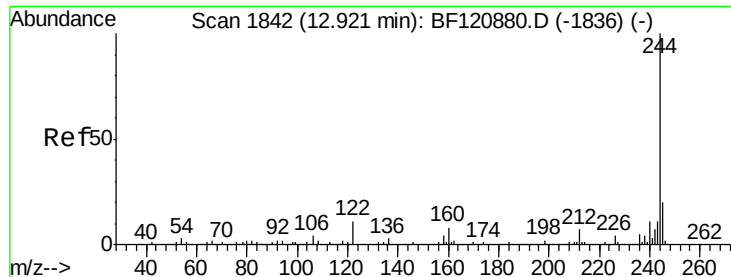
0

12.77

12.70 12.80 12.90

Time-->

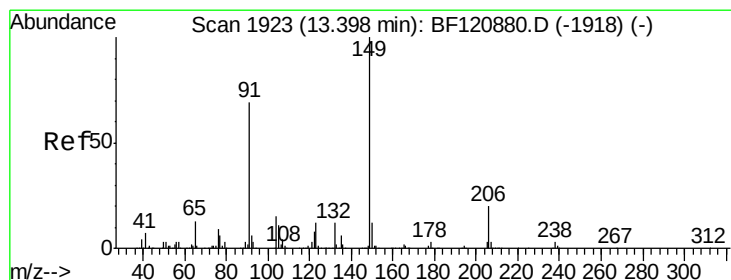
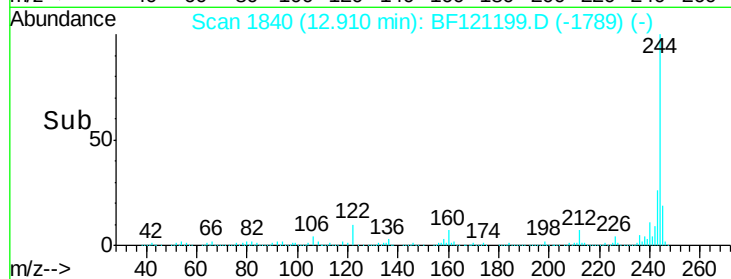
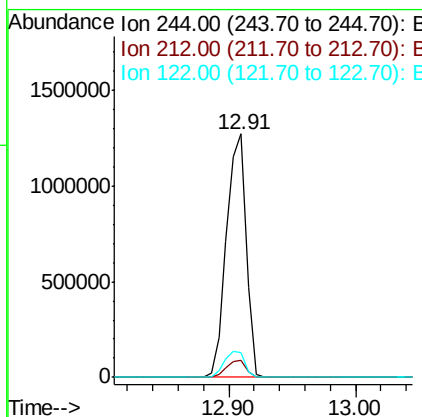
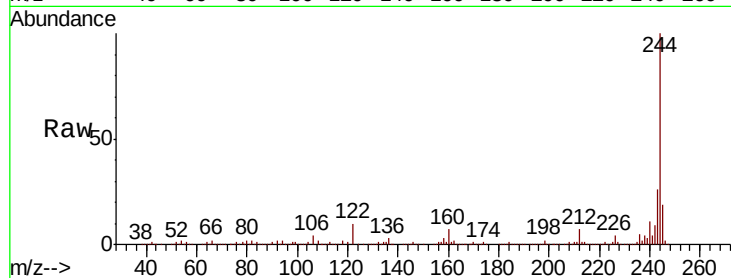




#79
 Terphenyl-d14
 Concen: 61.288 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

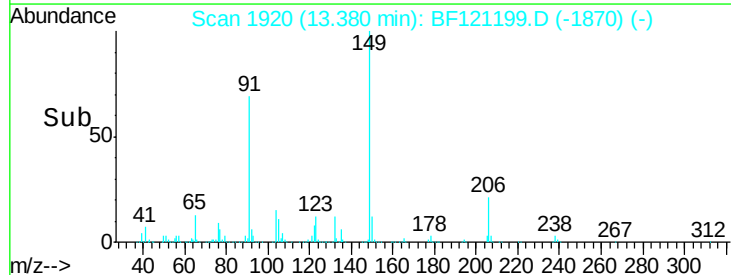
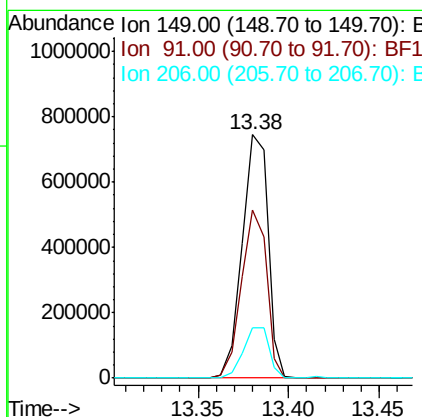
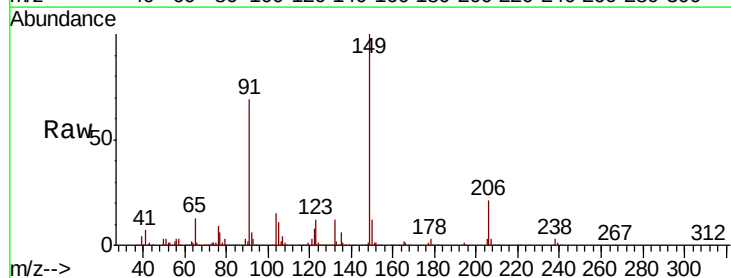
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

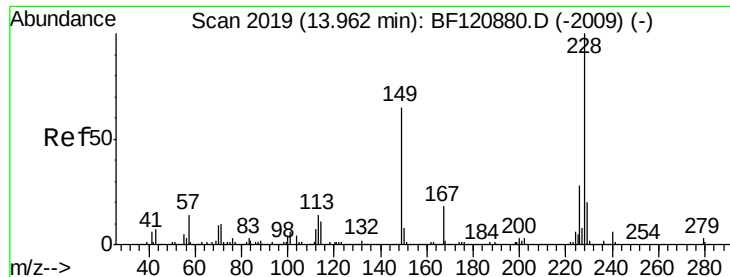
Tot Ion:244 Resp: 1371497
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 48.186 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:149 Resp: 738768
 Ion Ratio Lower Upper
 149 100
 91 69.2 51.4 77.0
 206 20.5 17.9 26.9





#81

Benzo(a)anthracene

Concen: 47.218 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

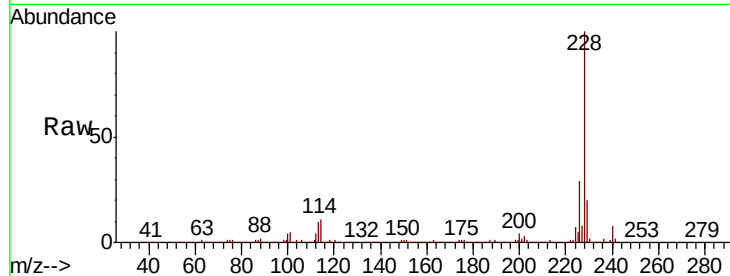
Tot Ion:228 Resp: 1390891

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

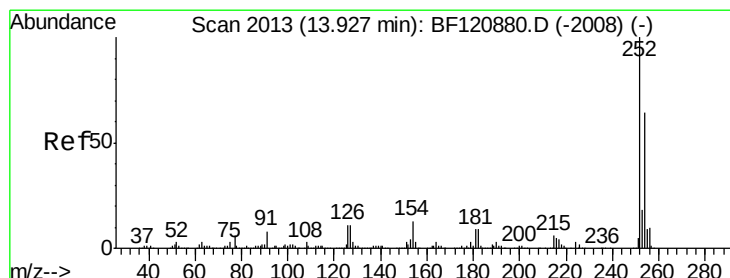
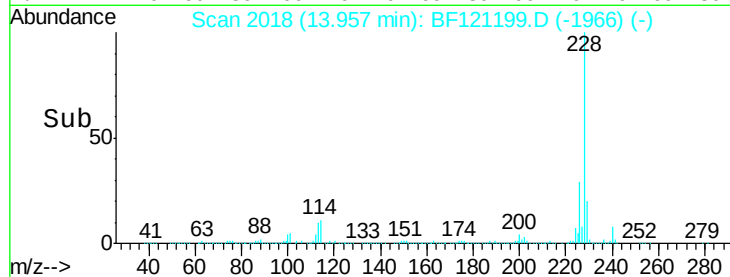
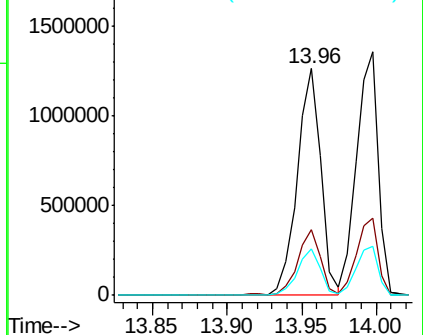
229 20.4 16.1 24.1



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: 44.936 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

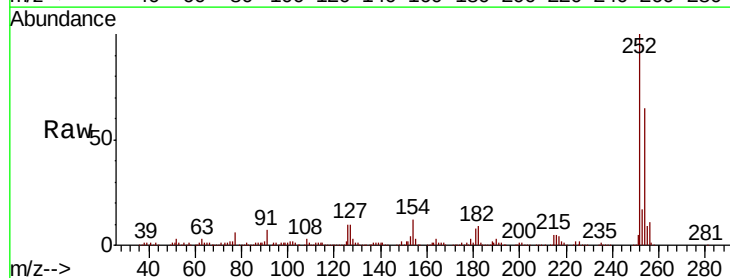
Tgt Ion:252 Resp: 499388

Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

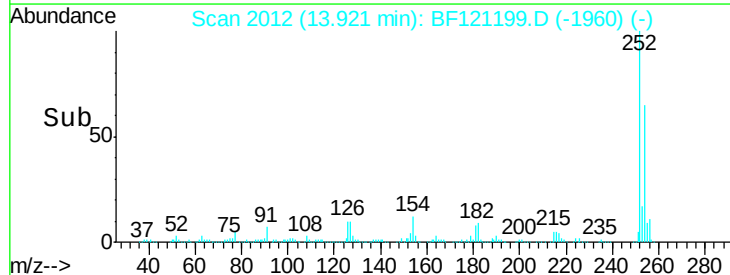
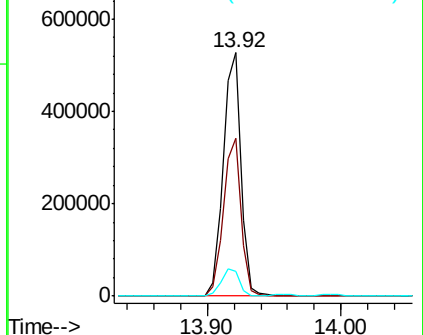
126 10.4 9.2 13.8

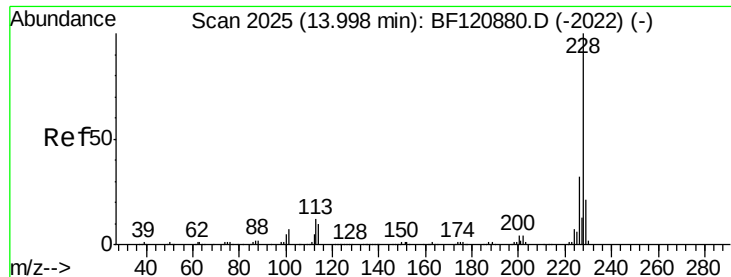


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.084 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

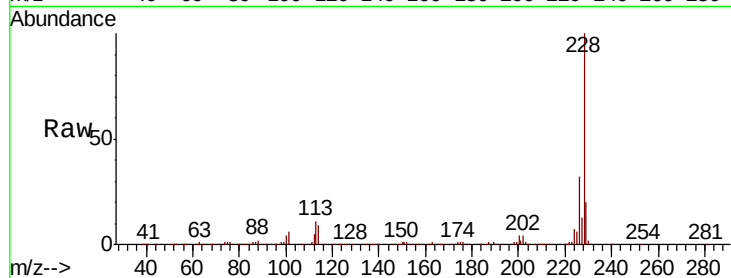
Tot Ion:228 Resp: 1395639

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

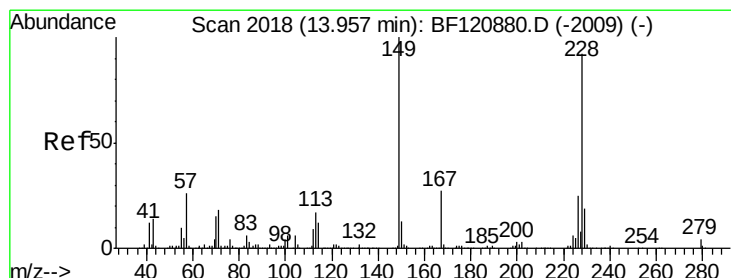
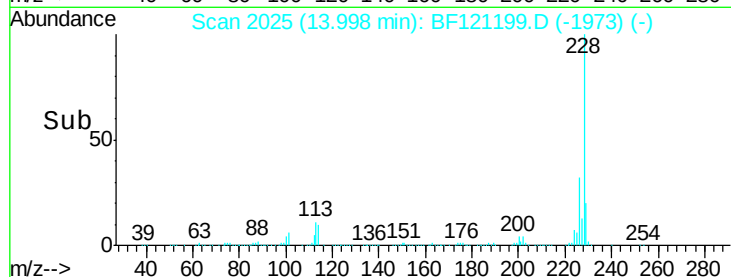
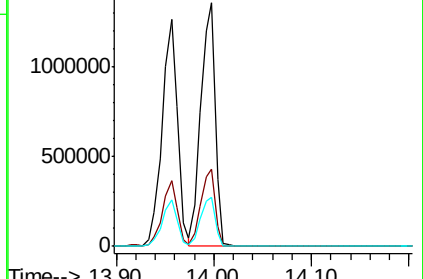
229 20.2 16.2 24.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.018 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121199.D

Acq: 6 Aug 2020 12:28

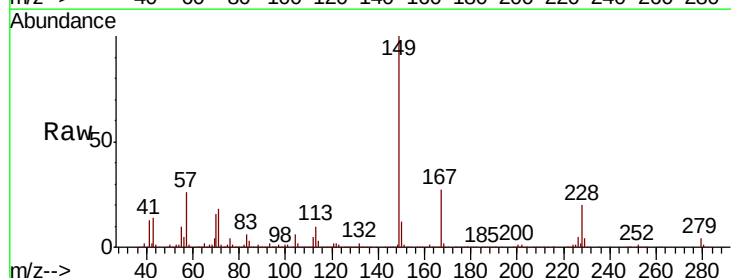
Tgt Ion:149 Resp: 945621

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

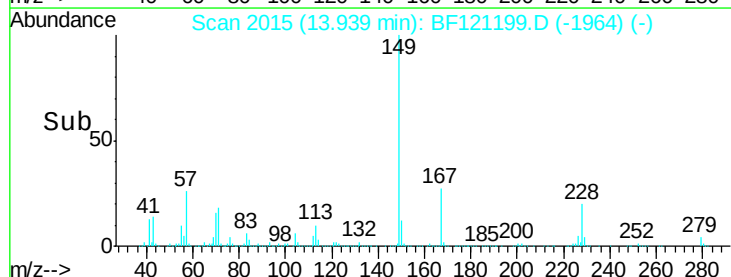
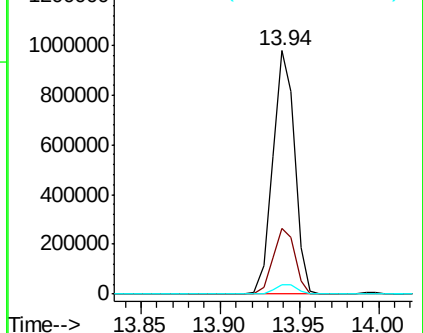
279 4.0 2.9 4.3

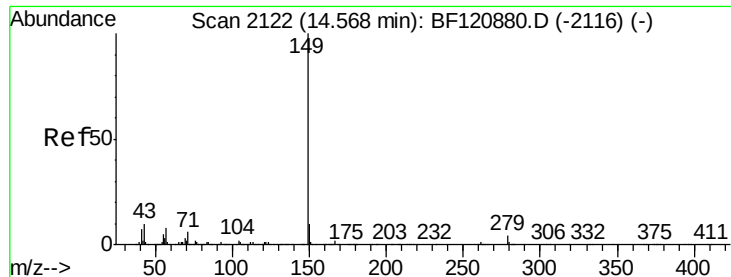


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

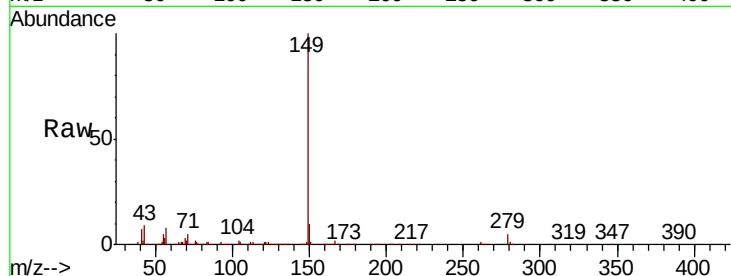




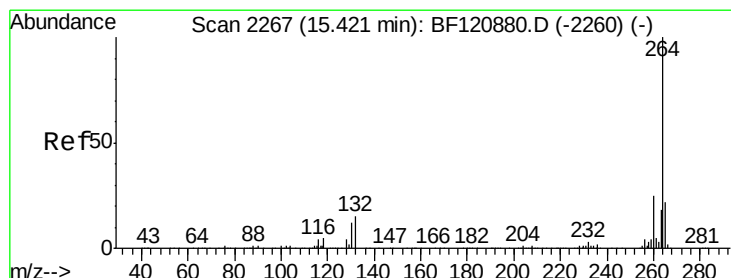
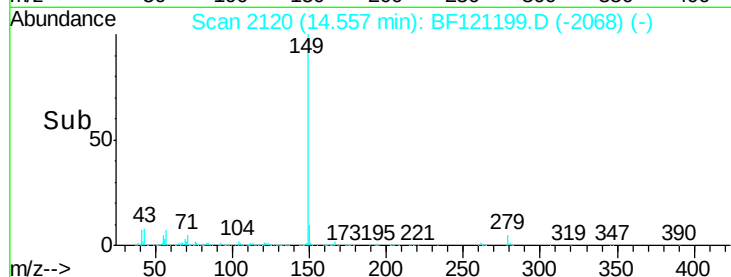
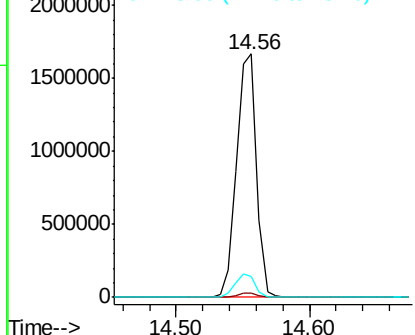
#85
Di-n-octyl phthalate
Concen: 46.354 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:149 Resp: 1743500
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.5 11.3

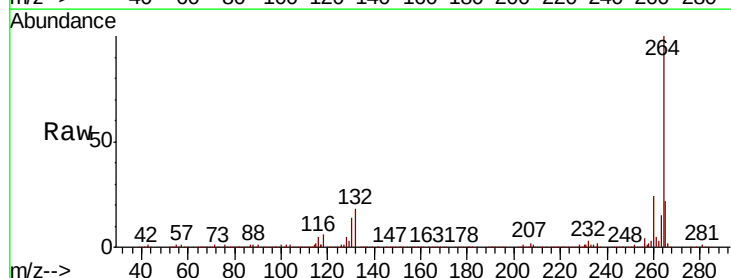


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

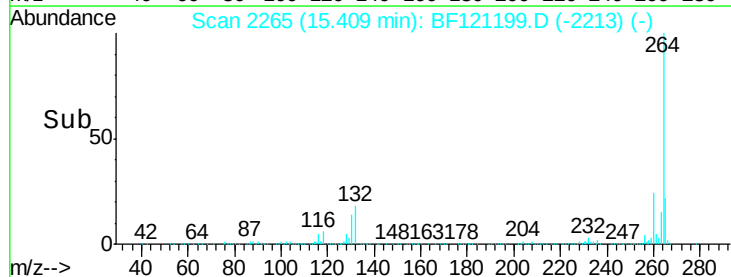
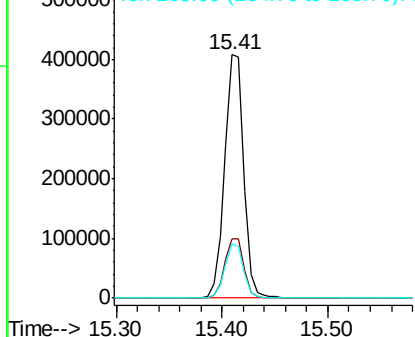


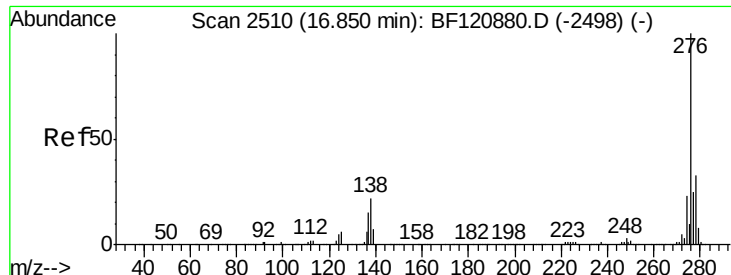
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:264 Resp: 508256
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 22.1 17.8 26.8



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

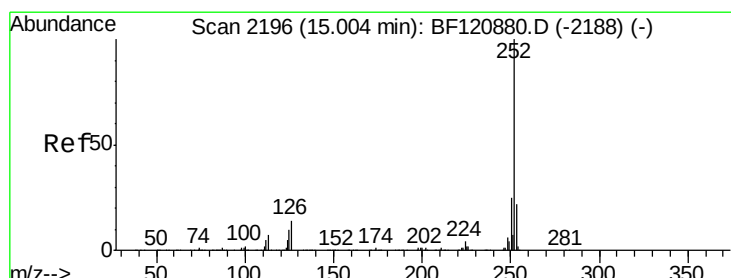
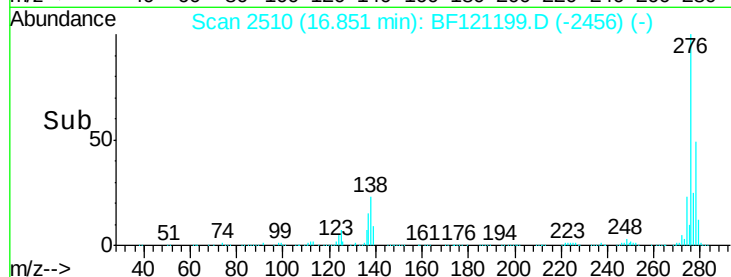
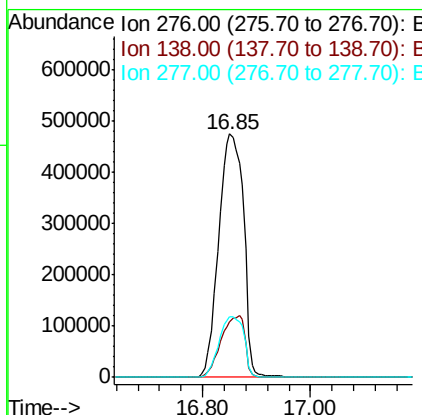
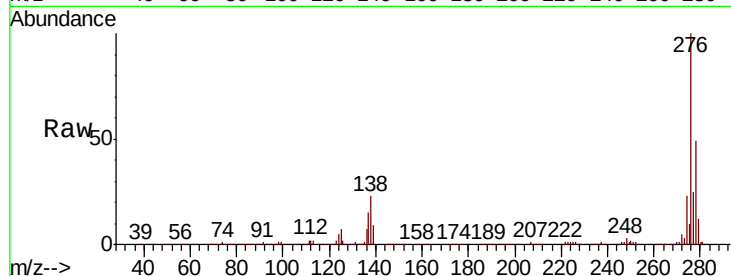




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.460 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

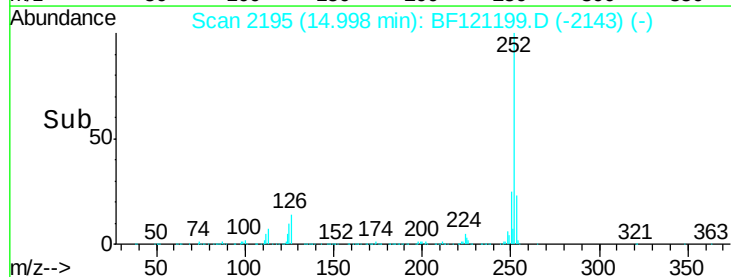
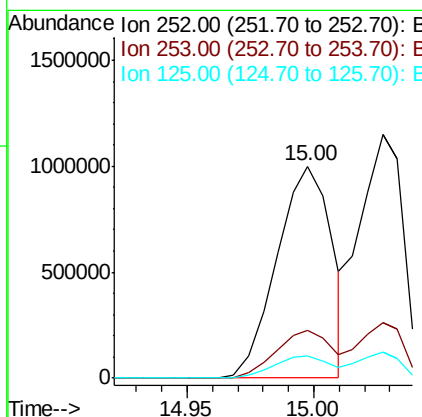
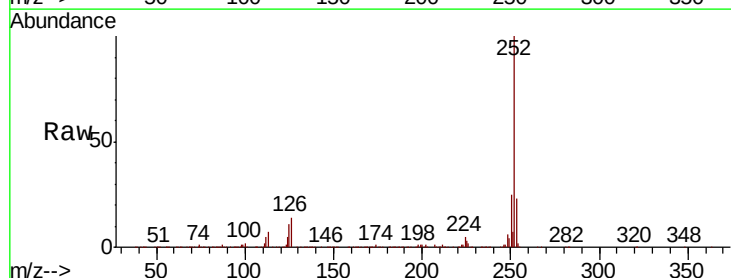
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

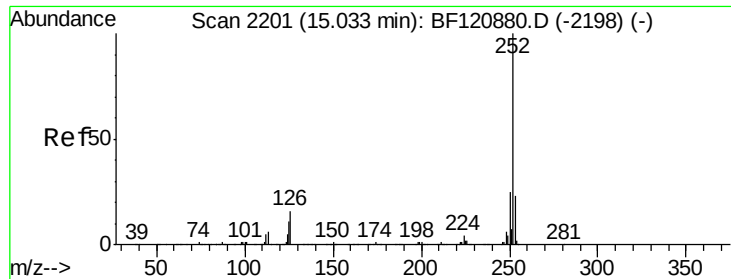
Tot Ion:276 Resp: 1536194
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.2 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 49.102 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121199.D
 Acq: 6 Aug 2020 12:28

Tgt Ion:252 Resp: 1508519
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.9 26.9
 125 10.5 8.1 12.1

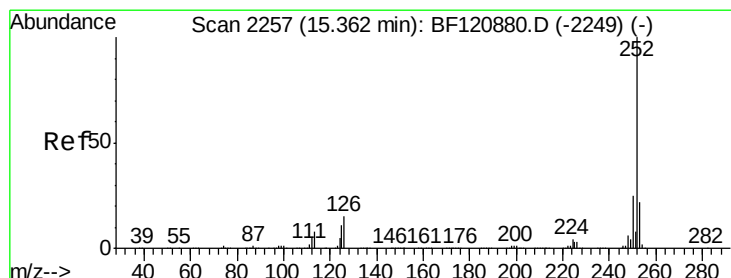
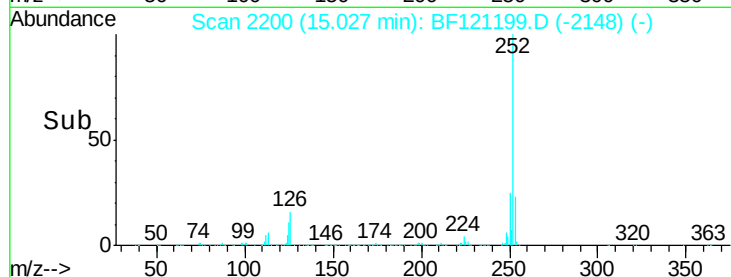
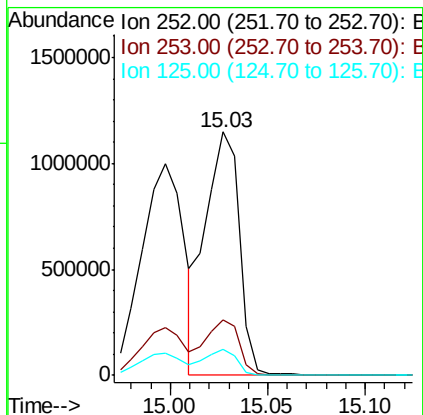
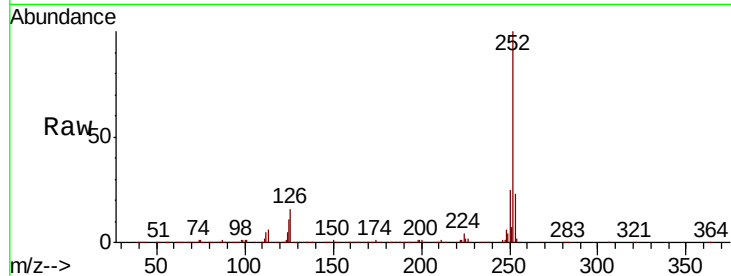




#89
Benzo(k)fluoranthene
Concen: 49.206 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

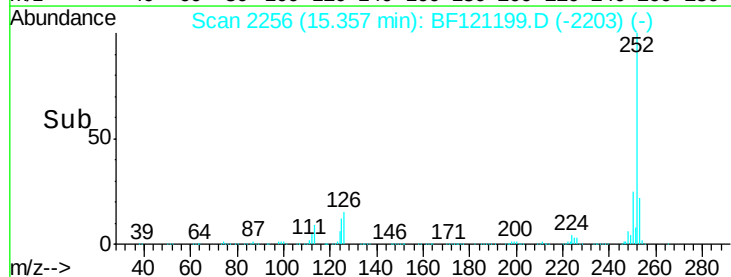
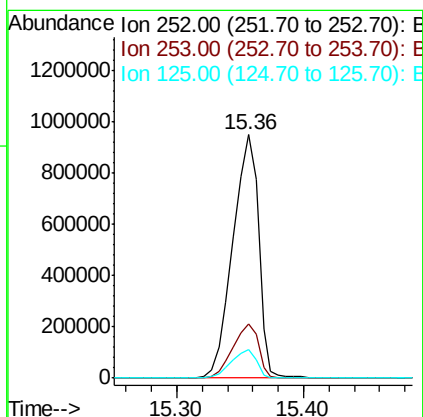
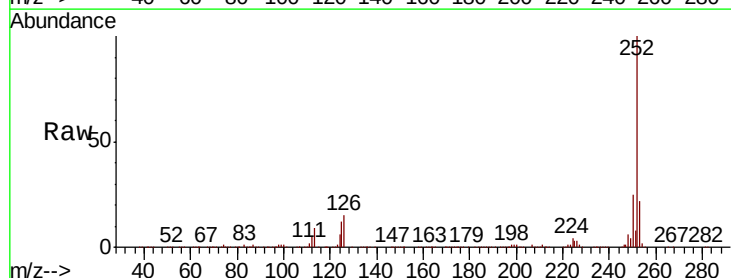
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

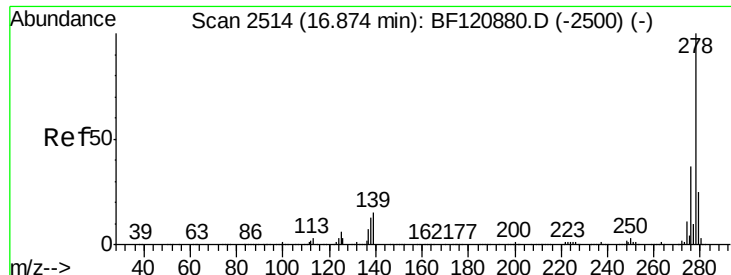
Tot Ion:252 Resp: 1378669
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 10.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 47.486 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:252 Resp: 1331018
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.6 9.5 14.3

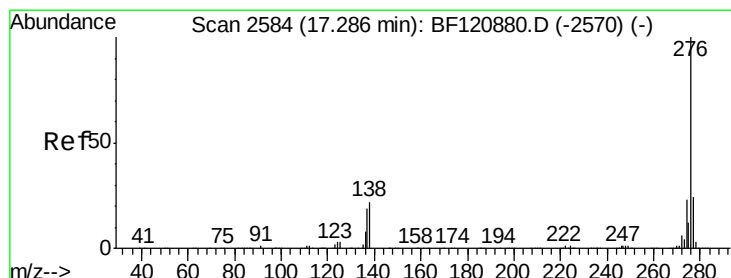
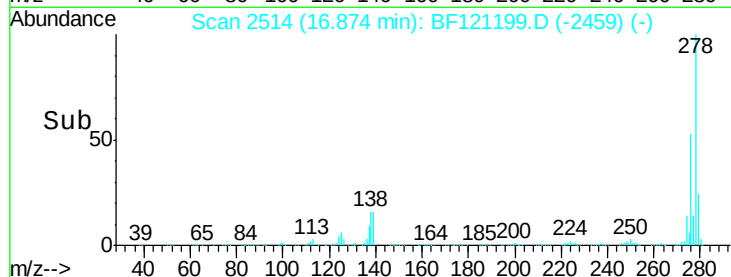
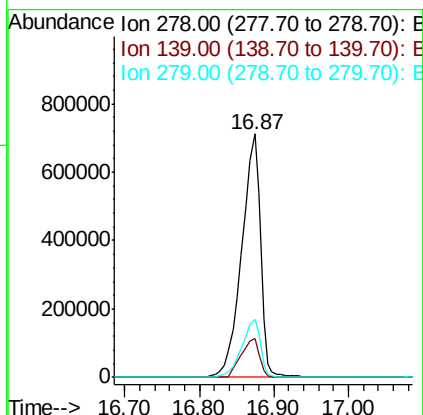
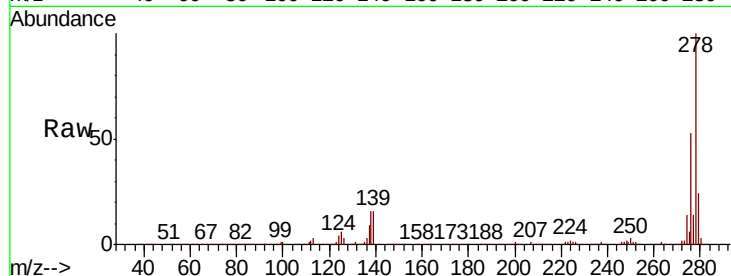




#91
Dibenzo(a,h)anthracene
Concen: 43.305 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tot Ion:278 Resp: 1250356
Ion Ratio Lower Upper
278 100
139 15.8 12.6 18.8
279 24.1 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 46.100 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121199.D
Acq: 6 Aug 2020 12:28

Tgt Ion:276 Resp: 1312426
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 21.3 17.2 25.8

