

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121272.D
 Acq On : 13 Aug 2020 15:49
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Quant Time: Aug 13 16:25:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	49519	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	182816	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	94439	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	188212	20.00	ng	0.00
76) Chrysene-d12	13.87	240	169197	20.00	ng	0.00
86) Perylene-d12	15.29	264	183236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	269187	82.41	ng	0.00
7) Phenol-d6	6.36	99	343393	81.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	280223	83.77	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	98995	85.14	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	566465	82.97	ng	0.00
79) Terphenyl-d14	12.82	244	707671	81.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	58036	41.753	ng	98
3) Pyridine	2.97	79	149027	41.186	ng	99
4) n-Nitrosodimethylamine	2.91	42	63096	42.578	ng	100
6) Aniline	6.38	93	206570	41.400	ng	90
8) 2-Chlorophenol	6.50	128	148597	41.373	ng	96
9) Benzaldehyde	6.27	77	87766	40.462	ng	96
10) Phenol	6.37	94	190128	41.640	ng	90
11) bis(2-Chloroethyl)ether	6.46	93	135199	41.022	ng	98
12) 1,3-Dichlorobenzene	6.66	146	154942	40.828	ng	99
13) 1,4-Dichlorobenzene	6.74	146	155713	40.595	ng	98
14) 1,2-Dichlorobenzene	6.89	146	148638	41.058	ng	99
15) Benzyl Alcohol	6.86	79	116973	41.487	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	193417	40.755	ng	99
17) 2-Methylphenol	6.98	107	115930	40.863	ng	99
18) Hexachloroethane	7.23	117	55728	41.084	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	96233	41.150	ng	98
20) 3+4-Methylphenols	7.14	107	148196	41.171	ng	# 76
22) Acetophenone	7.13	105	193953	41.190	ng	# 98
24) Nitrobenzene	7.30	77	151235	41.667	ng	97
25) Isophorone	7.55	82	275893	41.080	ng	97
26) 2-Nitrophenol	7.62	139	75750	43.073	ng	92
27) 2,4-Dimethylphenol	7.66	122	117142	41.573	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	152412	40.573	ng	99
29) 2,4-Dichlorophenol	7.87	162	119830	41.587	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	131089	41.220	ng	98
31) Naphthalene	8.03	128	423748	41.200	ng	99
32) Benzoic acid	7.77	122	59607	39.711	ng	100
33) 4-Chloroaniline	8.08	127	172639	41.131	ng	98
34) Hexachlorobutadiene	8.15	225	78786	40.945	ng	98
35) Caprolactam	8.43	113	36519	42.077	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	122729	41.747	ng	97
37) 2-Methylnaphthalene	8.72	142	278881	41.205	ng	98
38) 1-Methylnaphthalene	8.82	142	264365	41.253	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	131772	41.643	ng	99

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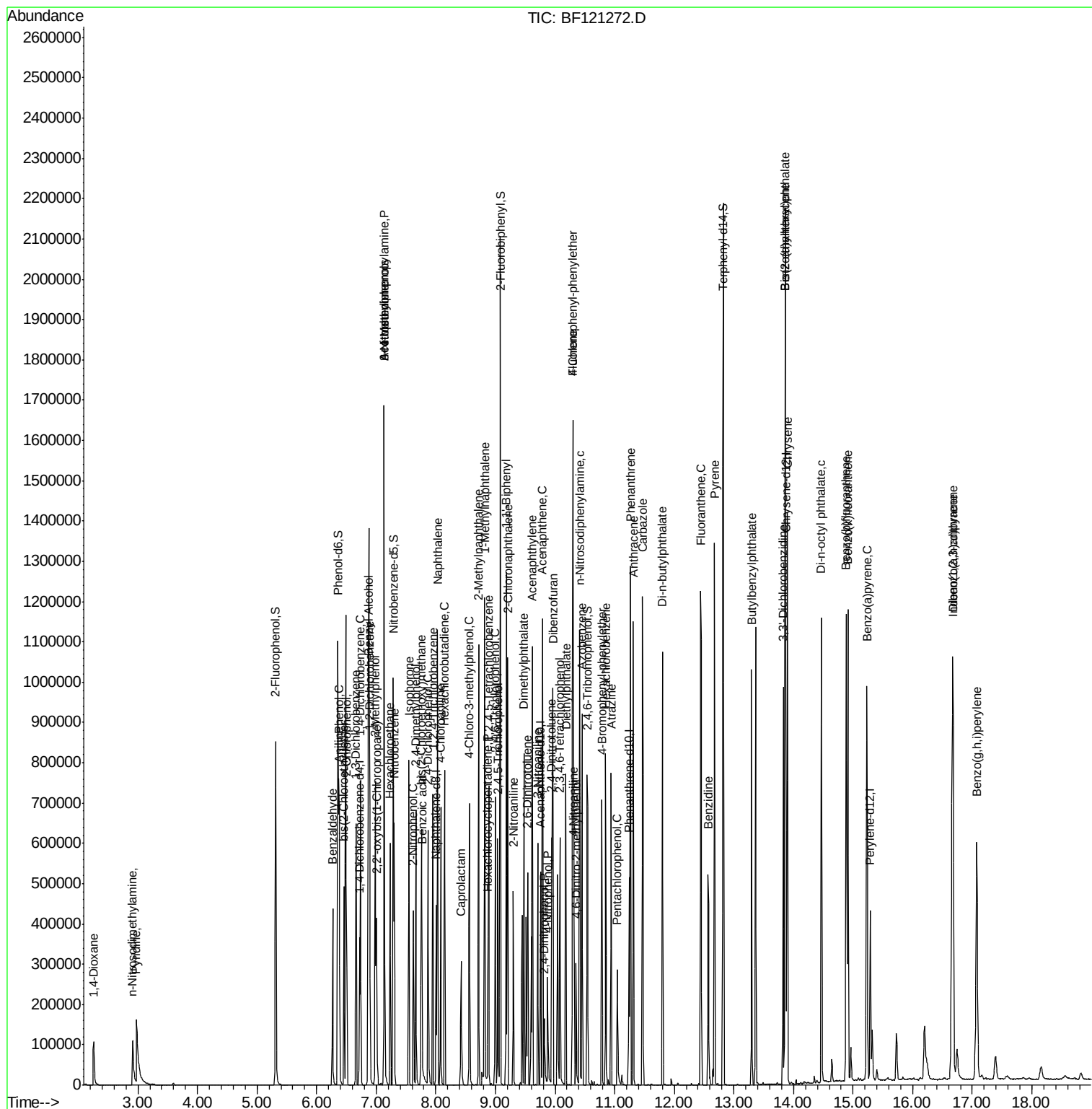
Instrument :
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 ICVBF081320

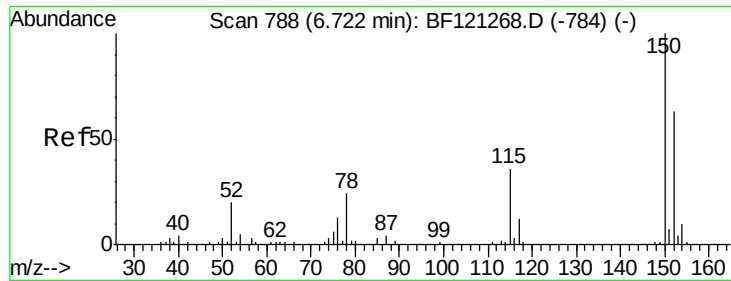
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	36133	40.618	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	84174	41.826	nq	99
44) 2,4,5-Trichlorophenol	9.04	196	92236	42.196	nq	99
46) 1,1'-Biphenyl	9.18	154	336385	41.223	nq	98
47) 2-Chloronaphthalene	9.20	162	260809	41.520	nq	99
48) 2-Nitroaniline	9.30	65	76277	43.201	nq	93
49) Acenaphthylene	9.62	152	417191	41.816	nq	100
50) Dimethylphthalate	9.48	163	295347	41.561	nq	100
51) 2,6-Dinitrotoluene	9.55	165	68753	43.402	nq	90
52) Acenaphthene	9.79	154	247228	41.854	nq	98
53) 3-Nitroaniline	9.71	138	79333	43.861	nq	99
54) 2,4-Dinitrophenol	9.82	184	23869	40.013	nq	# 82
55) Dibenzofuran	9.96	168	392443	41.720	nq	97
56) 4-Nitrophenol	9.88	139	50128	42.945	nq	93
57) 2,4-Dinitrotoluene	9.95	165	91500	44.013	nq	97
58) Fluorene	10.30	166	296558	41.648	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.08	232	74232	42.951	nq	98
60) Diethylphthalate	10.18	149	299978	41.511	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	142583	41.171	nq	96
62) 4-Nitroaniline	10.32	138	79404	43.786	nq	95
63) Azobenzene	10.46	77	294994	40.855	nq	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	44788	39.596	nq	87
66) n-Nitrosodiphenylamine	10.42	169	267142	41.394	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	90753	41.337	nq	97
68) Hexachlorobenzene	10.85	284	103221	41.231	nq	96
69) Atrazine	10.94	200	79274	41.067	nq	99
70) Pentachlorophenol	11.05	266	39991	39.363	nq	99
71) Phenanthrene	11.26	178	442527	41.099	nq	99
72) Anthracene	11.32	178	448323	41.491	nq	100
73) Carbazole	11.47	167	438993	41.542	nq	99
74) Di-n-butylphthalate	11.80	149	491238	41.184	nq	99
75) Fluoranthene	12.44	202	504379	42.068	nq	98
77) Benzidine	12.57	184	196347	44.143	nq	100
78) Pyrene	12.67	202	519224	41.209	nq	100
80) Butylbenzylphthalate	13.30	149	219146	42.580	nq	98
81) Benzo(a)anthracene	13.86	228	479548	41.788	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	197926	43.471	nq	98
83) Chrysene	13.90	228	483751	41.288	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	296199	41.755	nq	98
85) Di-n-octyl phthalate	14.47	149	544262	41.846	nq	100
87) Indeno(1,2,3-cd)pyrene	16.66	276	576733	42.334	nq	99
88) Benzo(b)fluoranthene	14.89	252	491891	40.065	nq	99
89) Benzo(k)fluoranthene	14.92	252	491760	43.133	nq	99
90) Benzo(a)pyrene	15.23	252	462393	41.727	nq	98
91) Dibenzo(a,h)anthracene	16.68	278	490906	42.054	nq	99
92) Benzo(g,h,i)perylene	17.08	276	486235	42.209	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: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

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ClientSampleId :

ICVBF081320

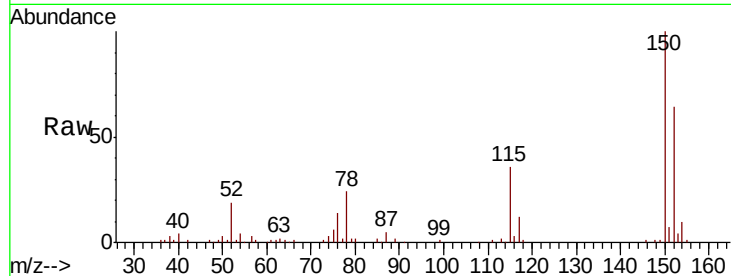
Tot Ion:152 Resp: 49519

Ion Ratio Lower Upper

152 100

150 155.9 129.0 193.6

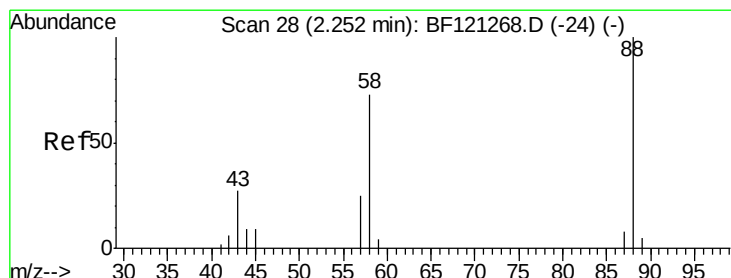
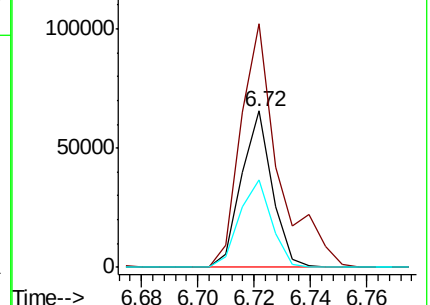
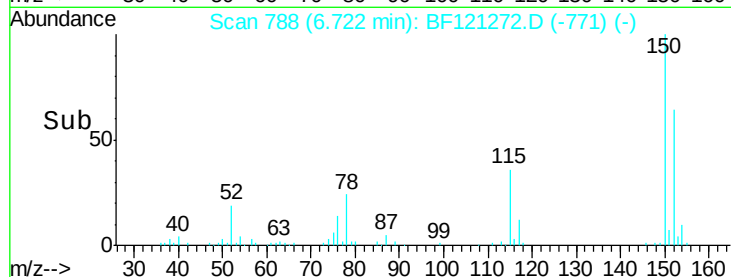
115 56.2 49.0 73.4



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: 41.753 ng

RT: 2.26 min Scan# 29

Delta R.T. 0.01 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

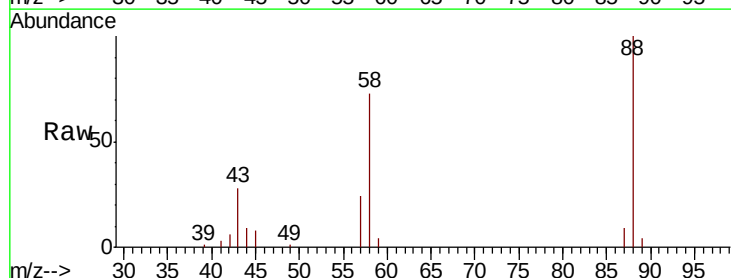
Tgt Ion: 88 Resp: 58036

Ion Ratio Lower Upper

88 100

58 71.6 58.6 87.8

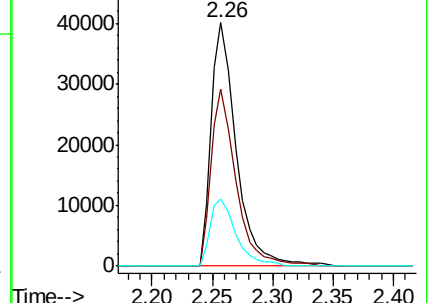
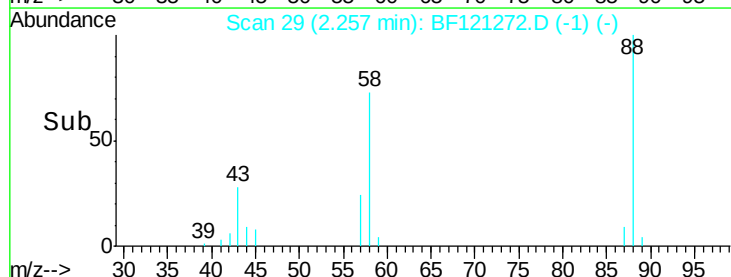
43 28.0 21.8 32.8

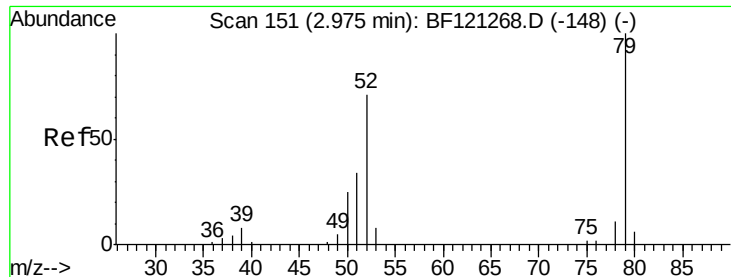


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

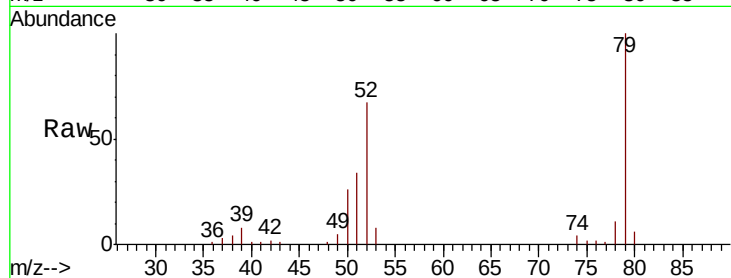




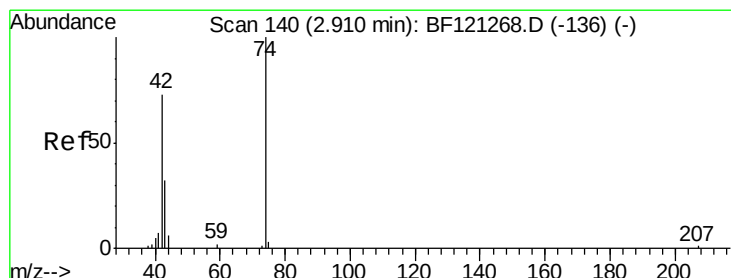
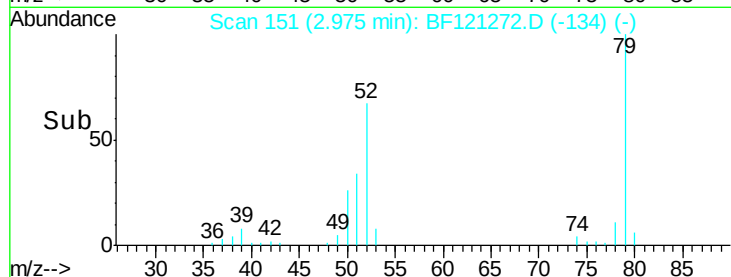
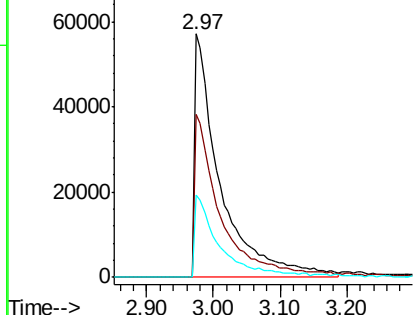
#3
 Pvridine
 Concen: 41.186 ng
 RT: 2.97 min Scan# 151
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

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 ICVBF081320

Tot Ion: 79 Resp: 149027
 Ion Ratio Lower Upper
 79 100
 52 66.9 53.8 80.8
 51 33.7 26.0 39.0

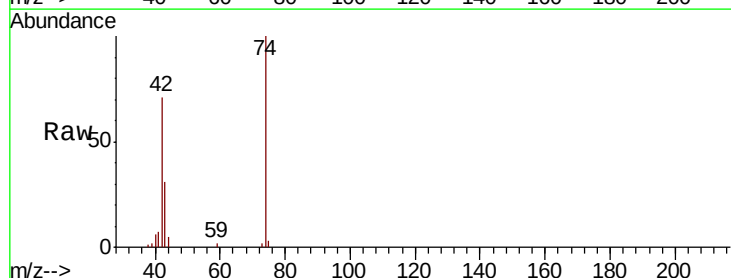


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

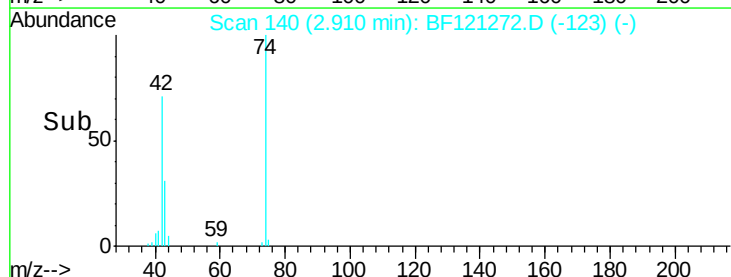
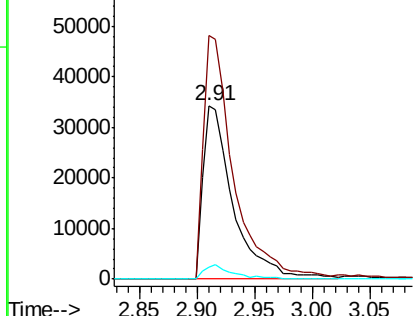


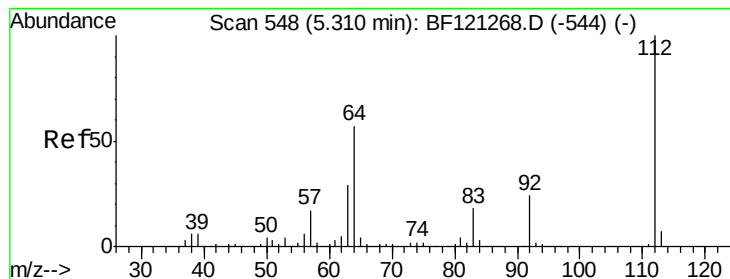
#4
 n-Nitrosodimethylamine
 Concen: 42.578 ng
 RT: 2.91 min Scan# 140
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion: 42 Resp: 63096
 Ion Ratio Lower Upper
 42 100
 74 140.3 111.8 167.8
 44 7.2 5.7 8.5



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





#5

2-Fluorophenol

Concen: 82.414 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

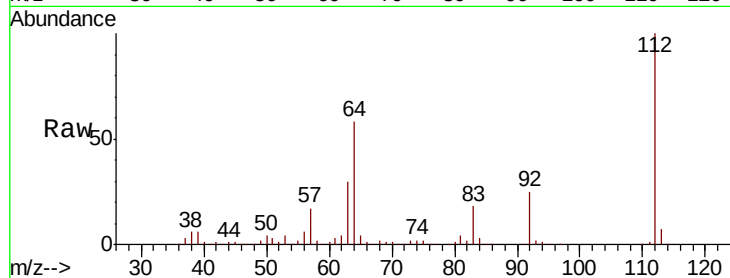
Tot Ion:112 Resp: 269187

Ion Ratio Lower Upper

112 100

64 57.7 45.4 68.2

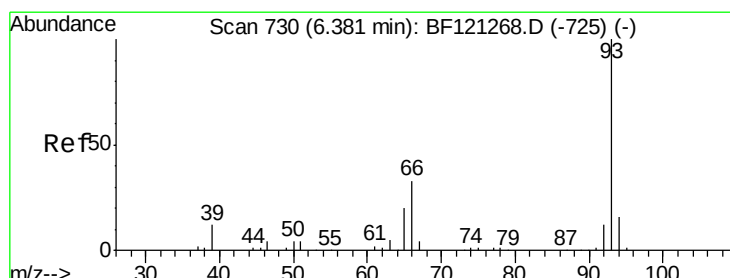
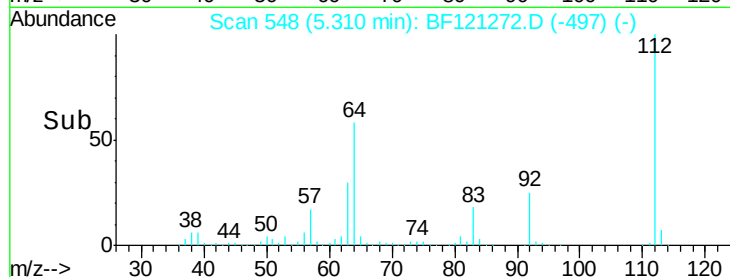
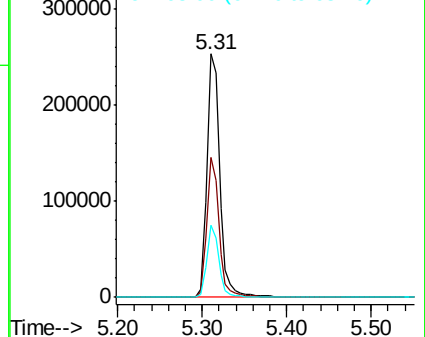
63 29.5 23.0 34.6



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: 41.400 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

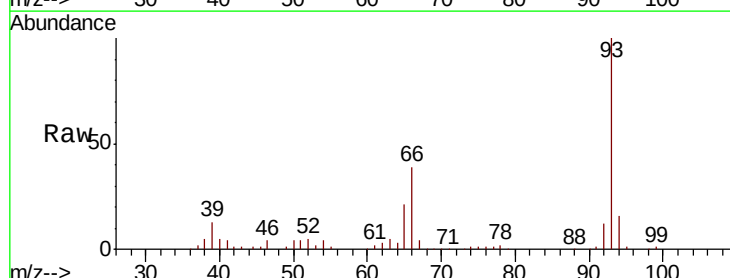
Tgt Ion: 93 Resp: 206570

Ion Ratio Lower Upper

93 100

66 39.0 36.2 54.4

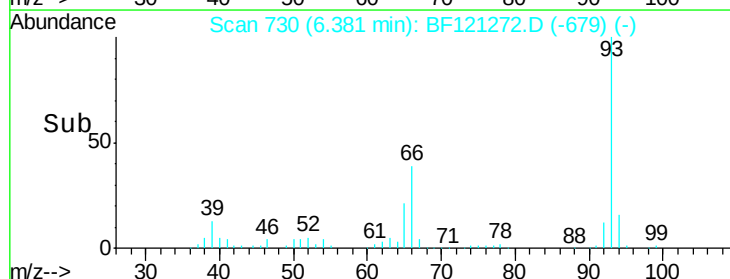
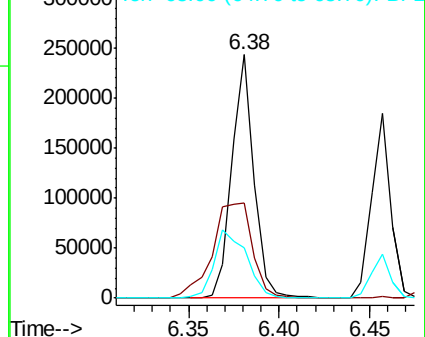
65 20.8 20.7 31.1

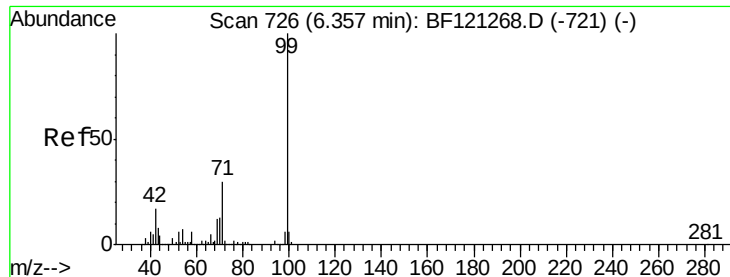


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.584 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

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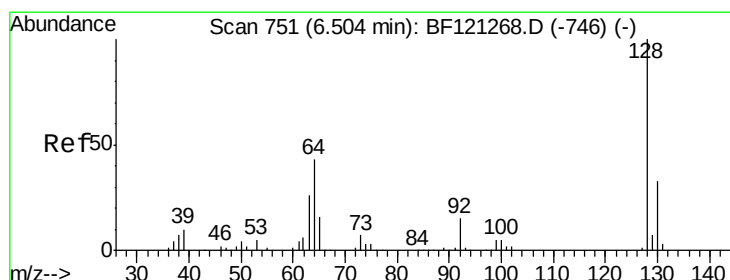
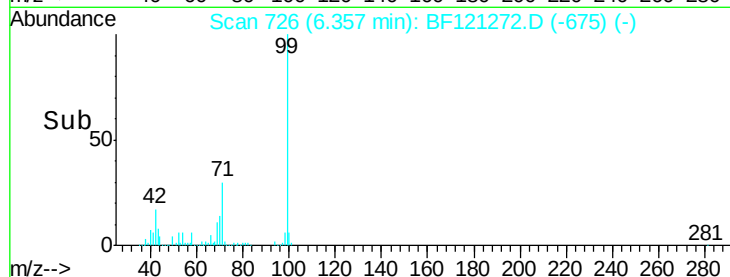
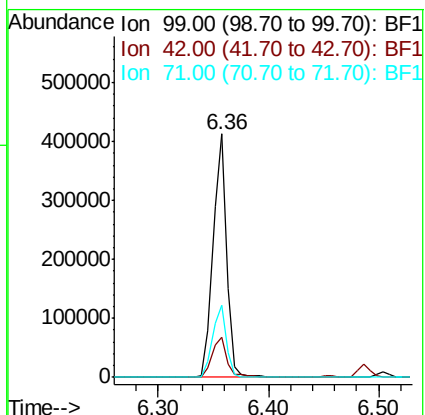
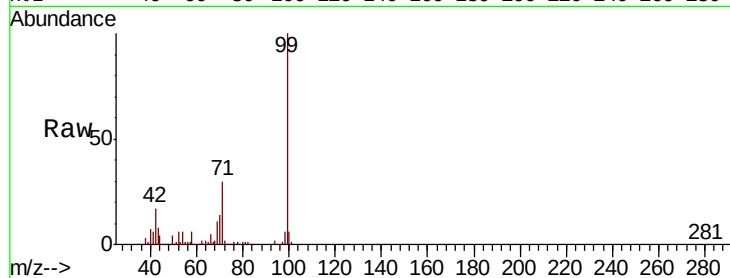
Tot Ion: 99 Resp: 343393

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 29.7 23.7 35.5



#8

2-Chlorophenol

Concen: 41.373 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

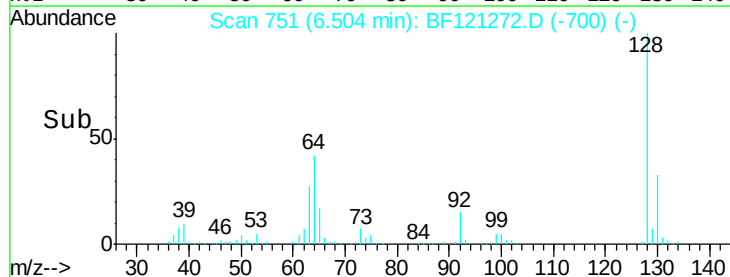
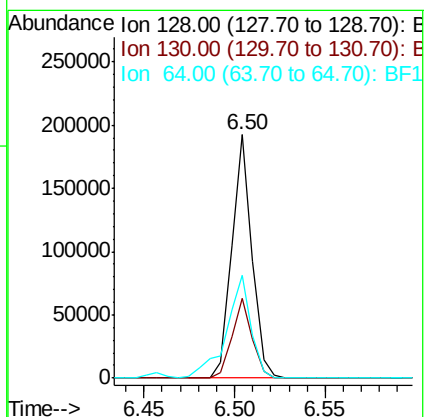
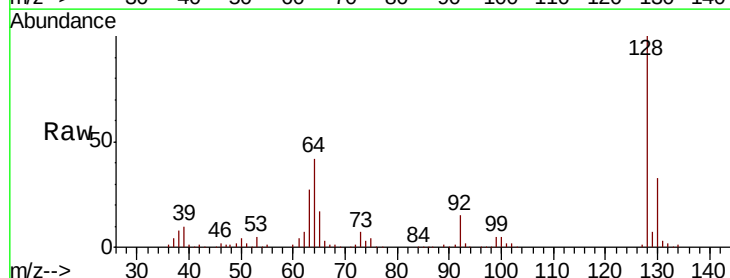
Tgt Ion: 128 Resp: 148597

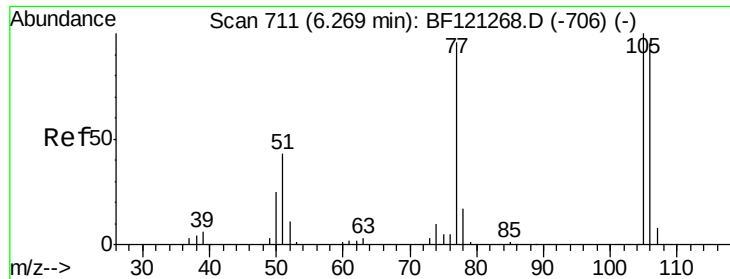
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 42.2 26.3 66.3





#9

Benzaldehyde

Concen: 40.462 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

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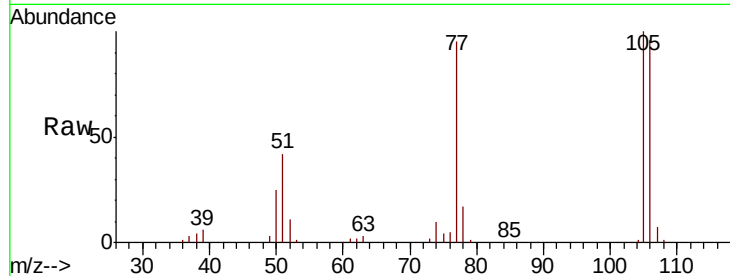
Tot Ion: 77 Resp: 87766

Ion Ratio Lower Upper

77 100

105 105.7 80.8 120.8

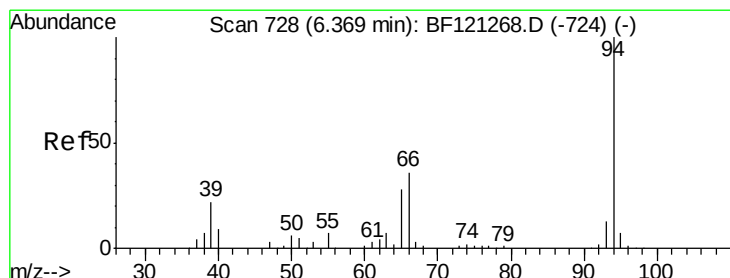
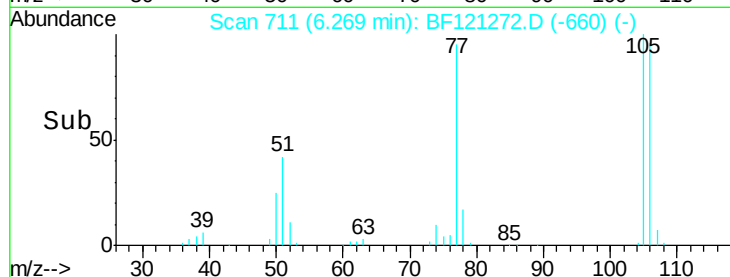
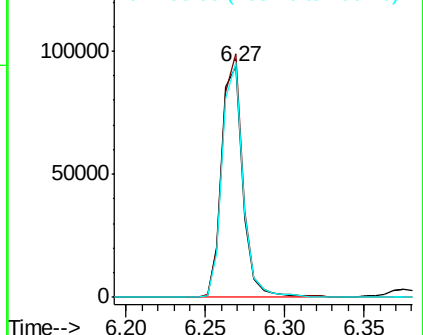
106 101.9 79.4 119.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.640 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

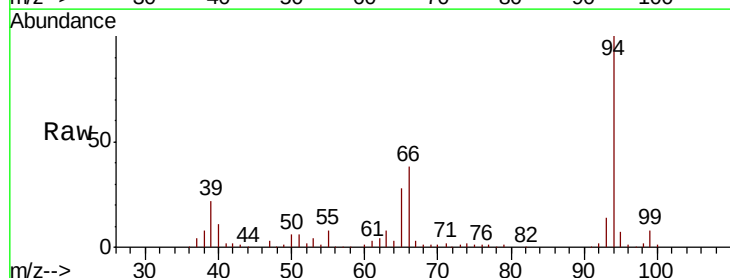
Tgt Ion: 94 Resp: 190128

Ion Ratio Lower Upper

94 100

65 28.3 13.0 53.0

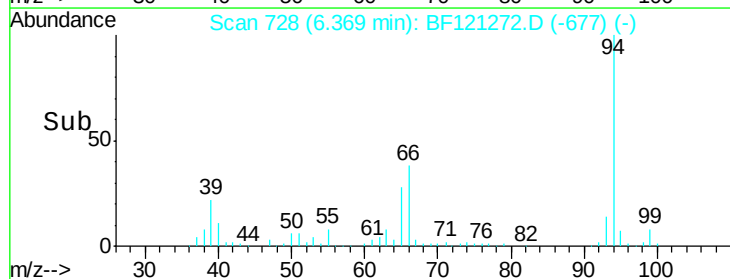
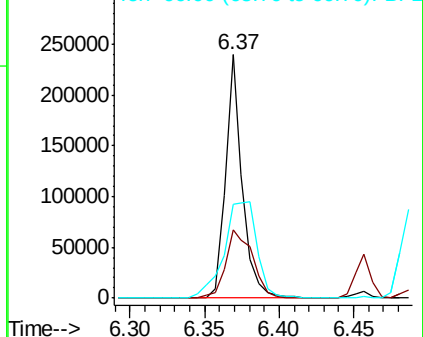
66 38.3 26.1 66.1

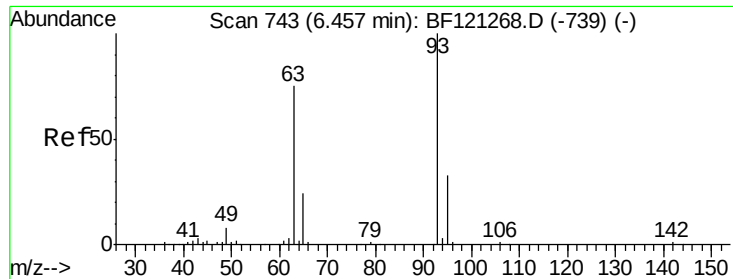


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

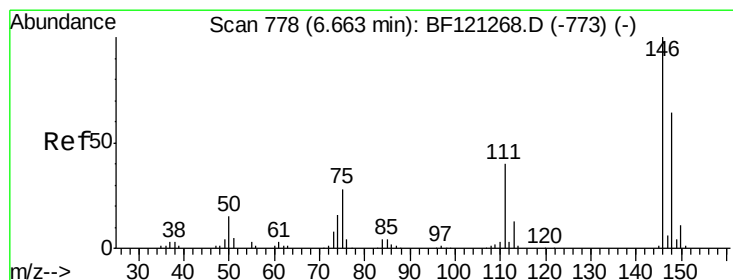
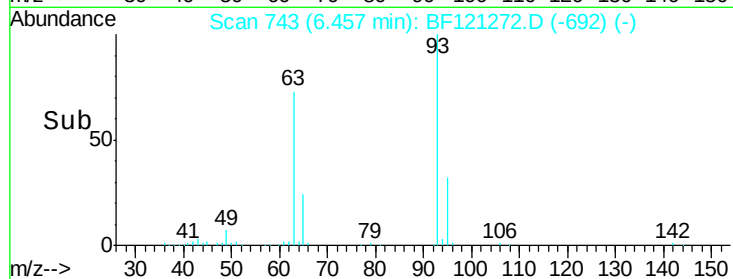
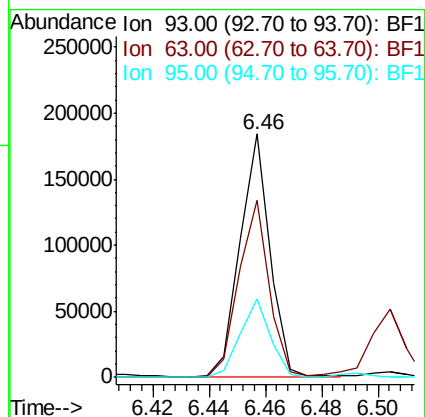
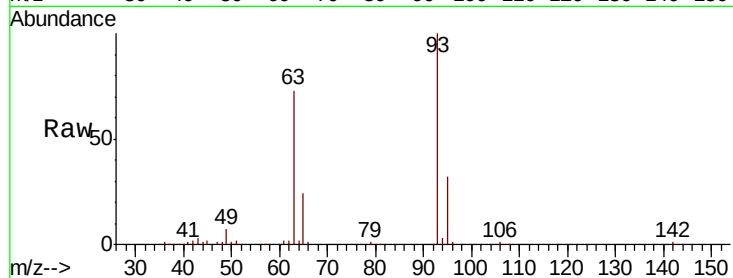




#11
bis(2-Chloroethyl)ether
Concen: 41.022 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

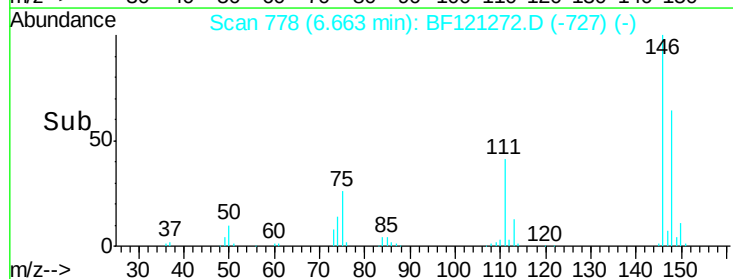
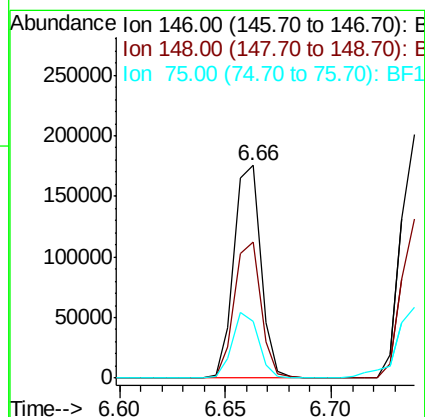
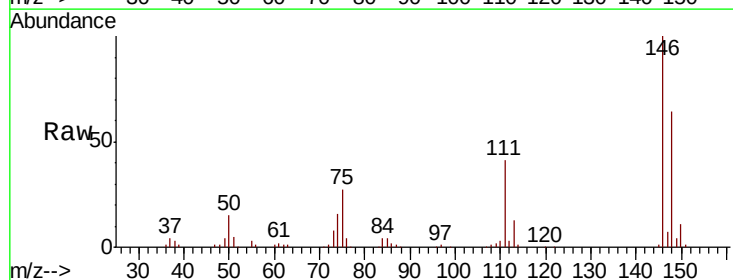
Instrument :
BNA_F
ClientSampleId :
ICVBF081320

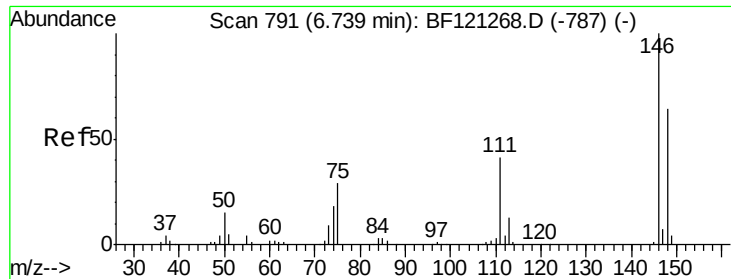
Tot Ion:	93	Resp:	135199
Ion	Ratio	Lower	Upper
93	100		
63	72.7	51.2	91.2
95	32.4	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 40.828 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion:	146	Resp:	154942
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	27.0	22.5	33.7

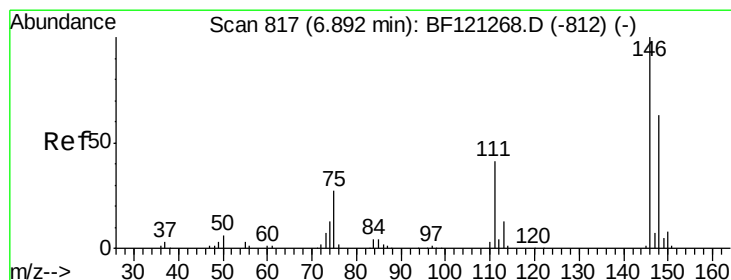
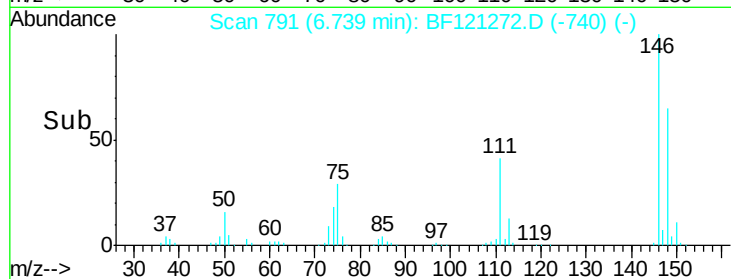
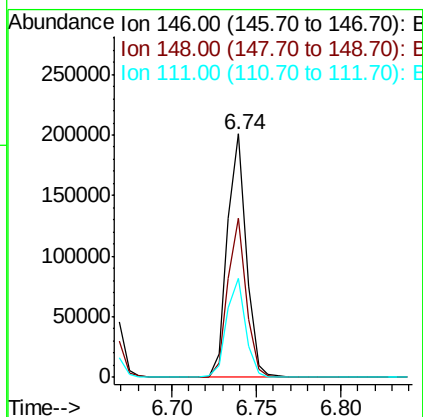
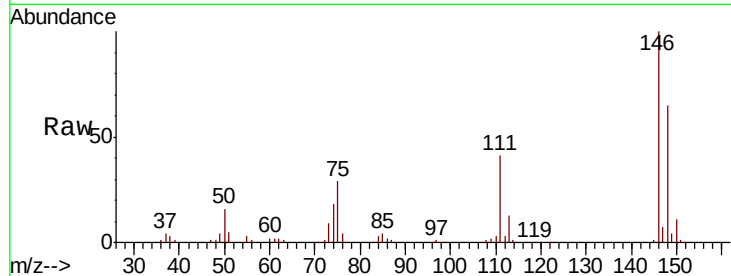




#13
 1,4-Dichlorobenzene
 Concen: 40.595 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

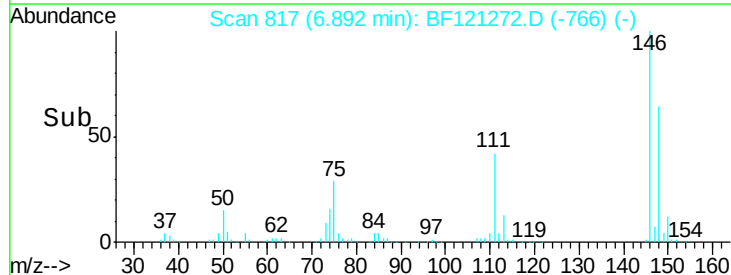
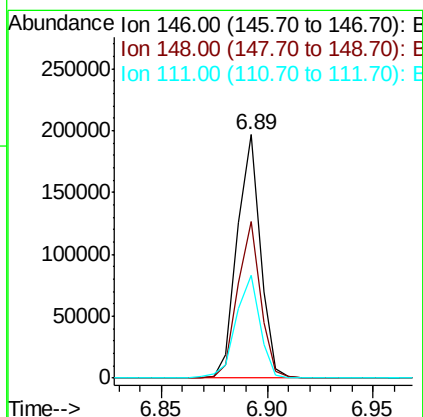
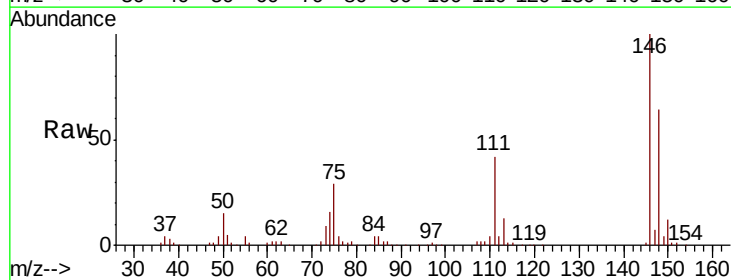
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

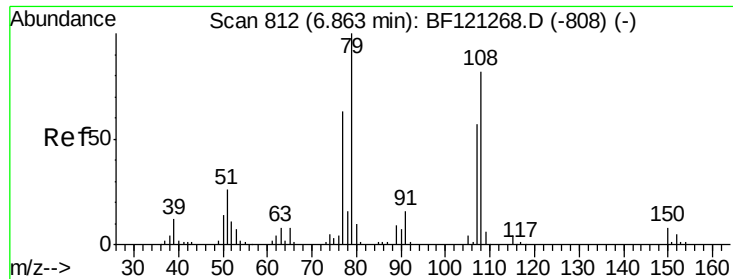
Tot Ion:146 Resp: 155713
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.9 76.3
 111 40.8 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 41.058 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:146 Resp: 148638
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 42.4 34.2 51.4





#15

Benzyl Alcohol

Concen: 41.487 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

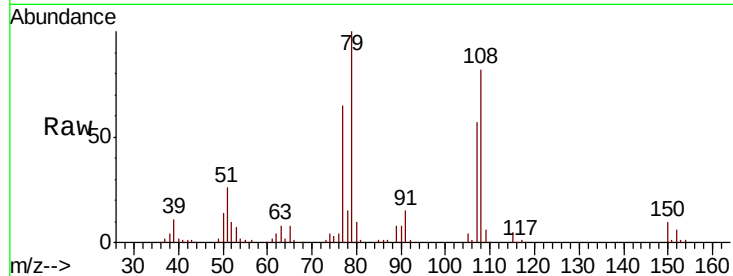
Tot Ion: 79 Resp: 116973

Ion Ratio Lower Upper

79 100

108 81.6 67.4 101.0

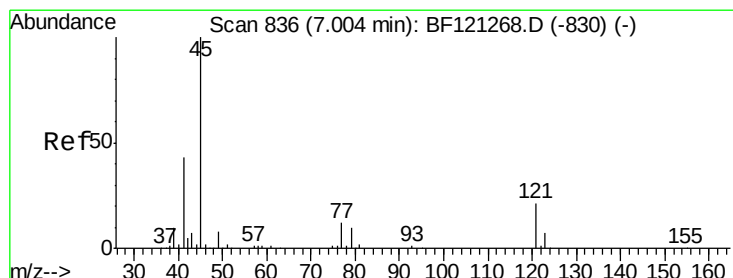
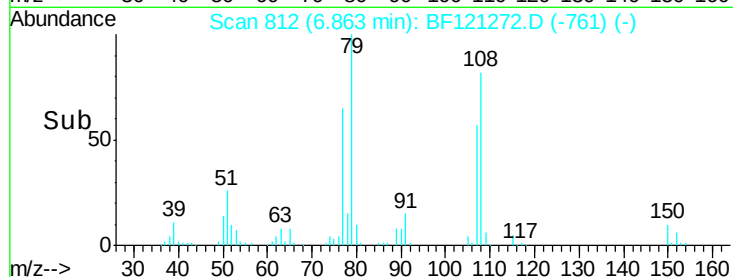
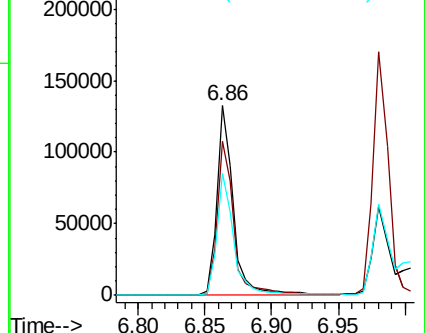
77 64.5 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.755 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

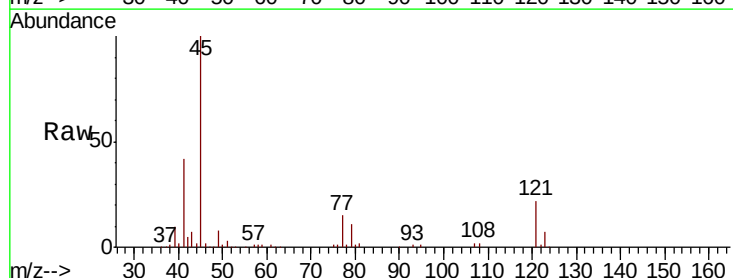
Tgt Ion: 45 Resp: 193417

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.1

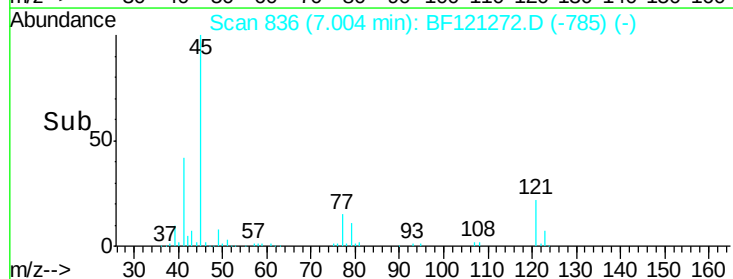
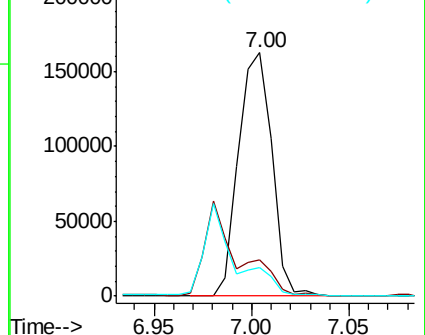
79 11.5 0.0 32.0

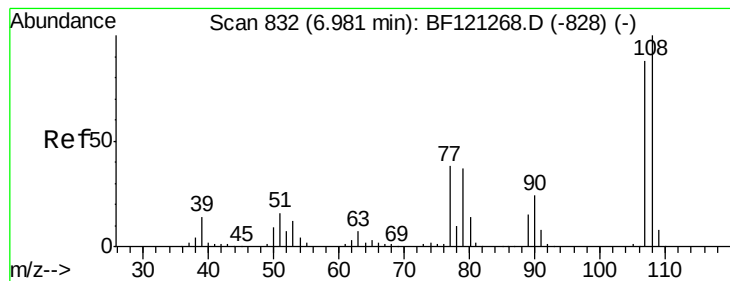


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

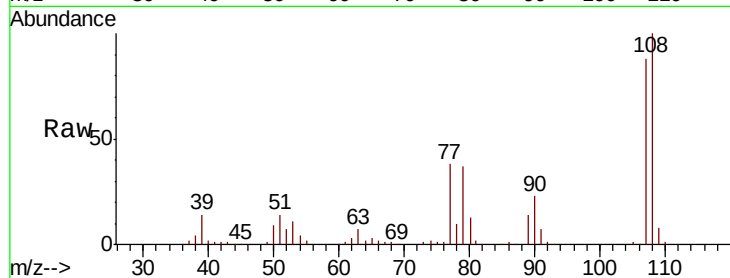




#17
2-Methylphenol
Concen: 40.863 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion:	107	Resp:	115930
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.6	138.8
77	42.8	35.0	52.6
79	41.7	33.4	50.2



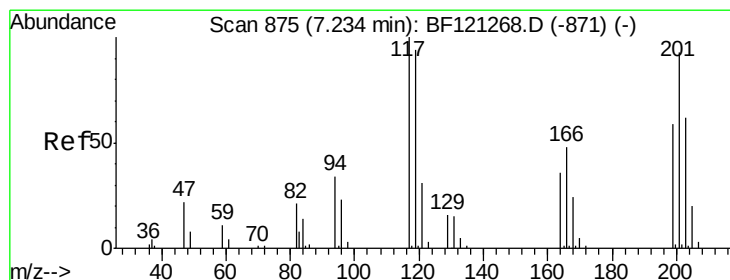
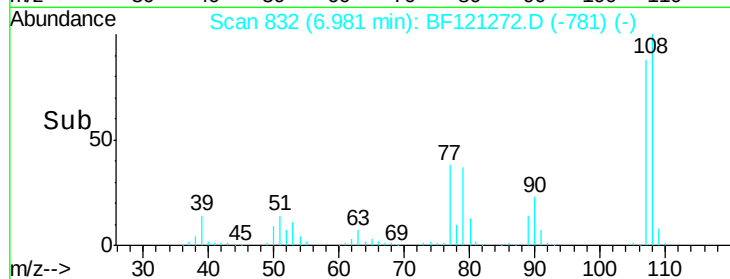
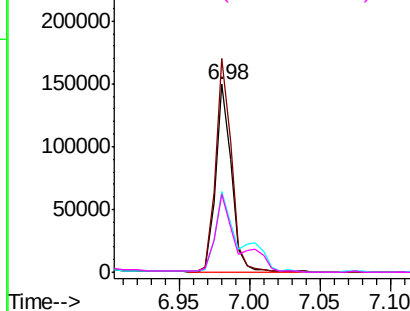
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

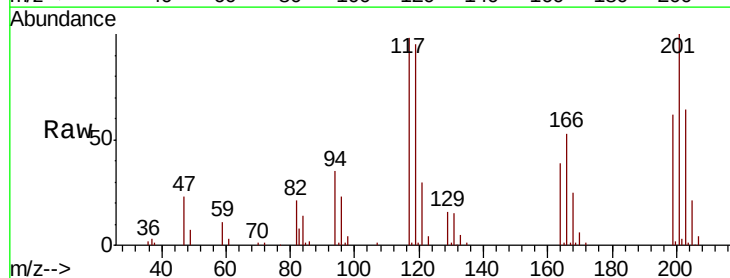
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.084 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion:	117	Resp:	55728
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.2
201	101.9	74.8	112.2

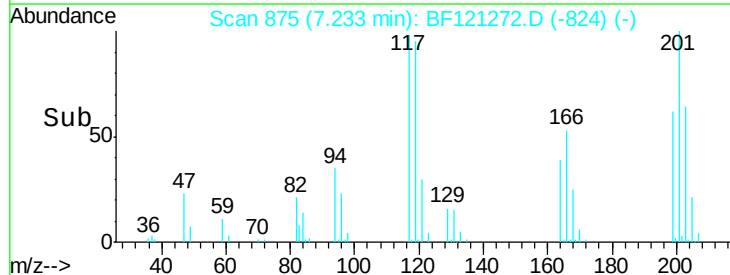
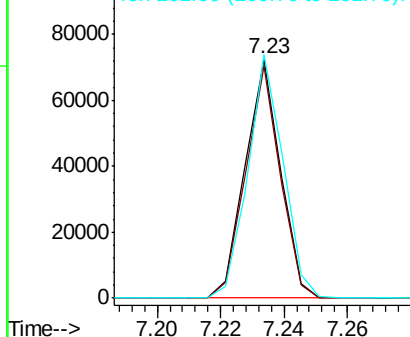


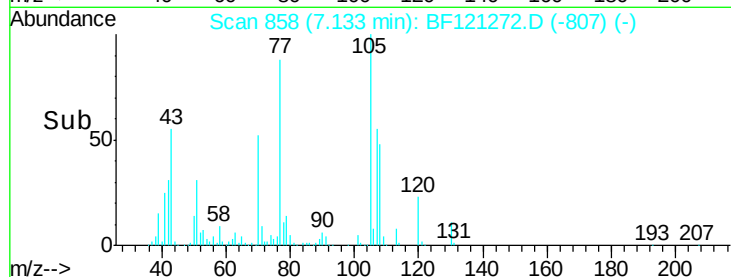
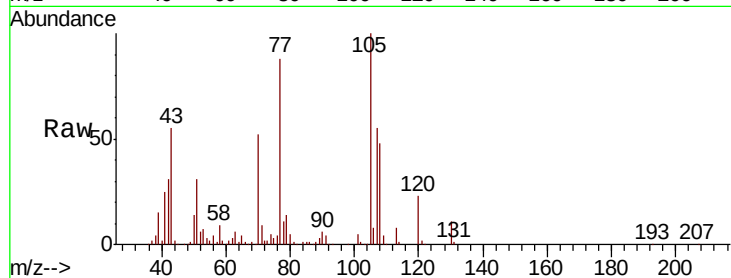
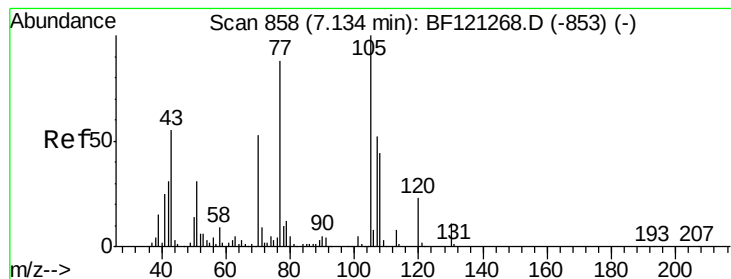
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.150 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

Tot Ion: 70 Resp: 96233

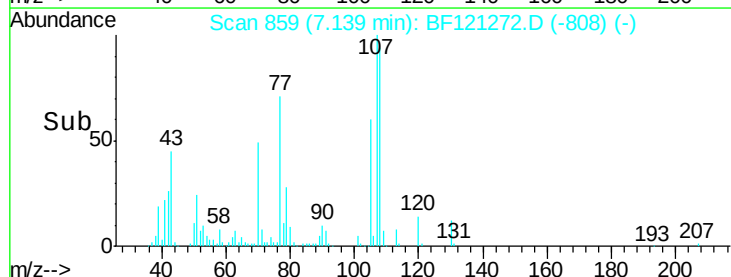
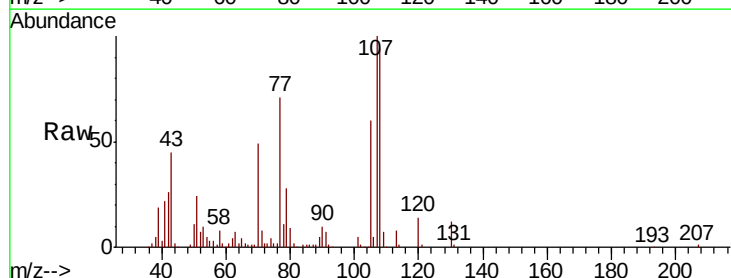
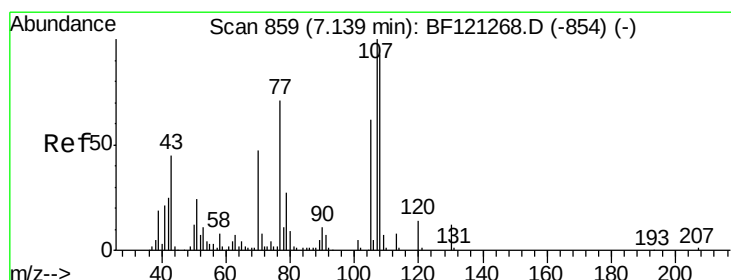
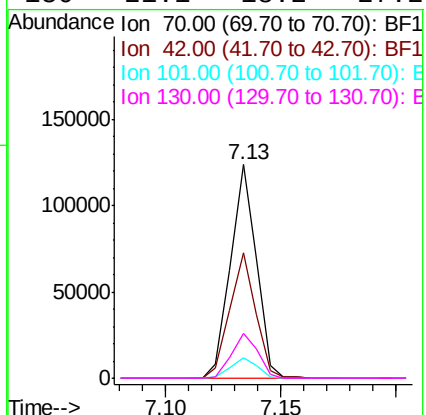
Ion Ratio Lower Upper

70 100

42 58.6 45.6 68.4

101 9.9 7.8 11.8

130 21.1 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.171 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Tgt Ion:107 Resp: 148196

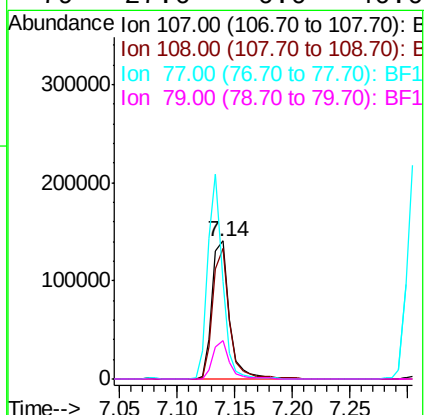
Ion Ratio Lower Upper

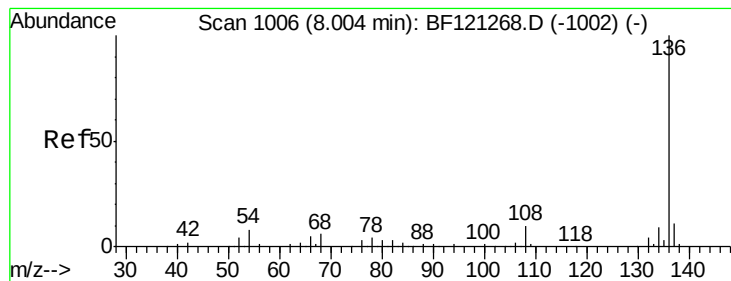
107 100

108 94.4 66.5 106.5

77 70.7 94.4 134.4#

79 27.6 6.0 46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

Tot Ion:136 Resp: 182816

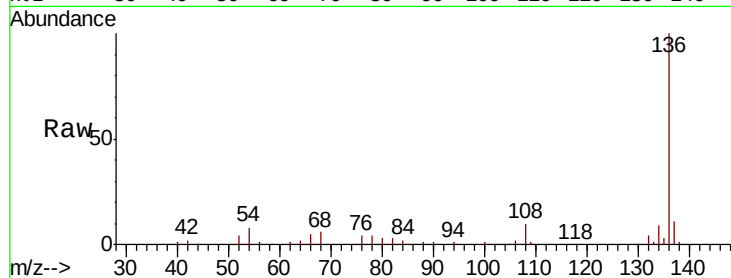
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.0 5.3 7.9#

68 6.1 4.2 6.2

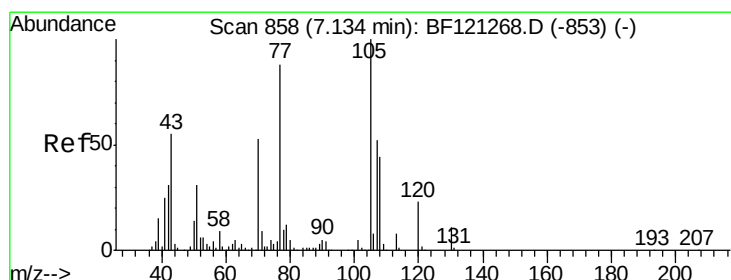
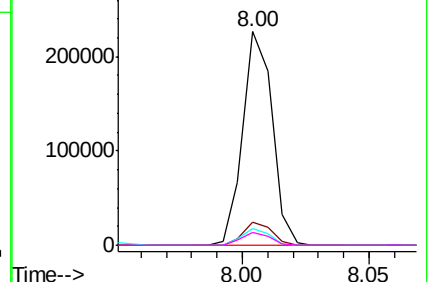
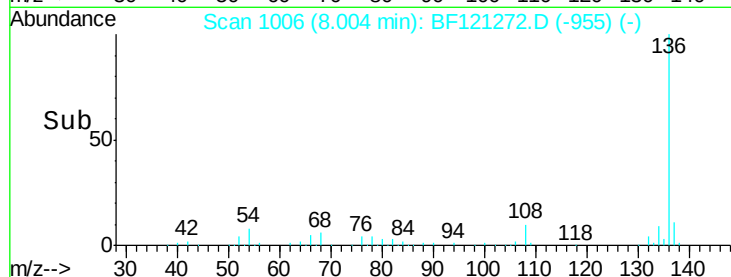


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.190 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Tgt Ion:105 Resp: 193953

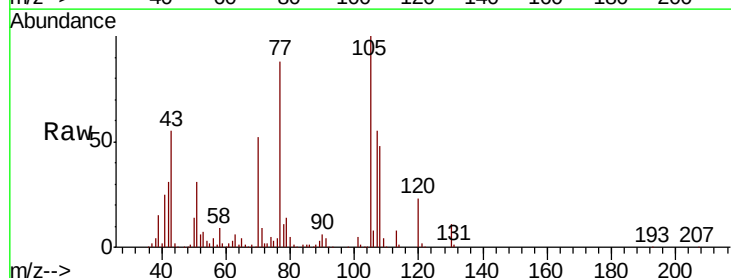
Ion Ratio Lower Upper

105 100

71 8.5 4.6 7.0#

51 30.7 24.2 36.2

120 22.5 17.8 26.6

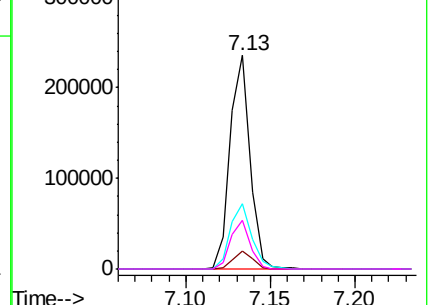
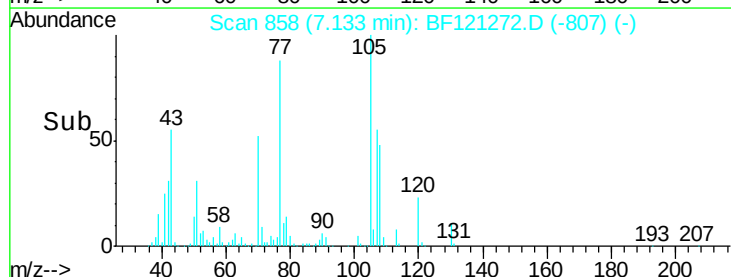


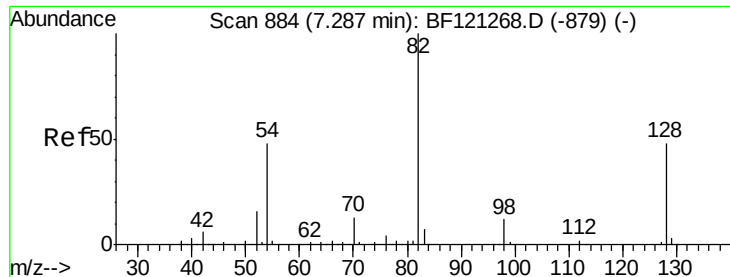
Abundance Ion 105.00 (104.70 to 105.70): E

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

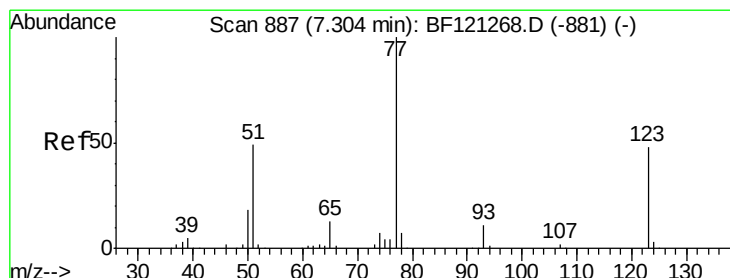
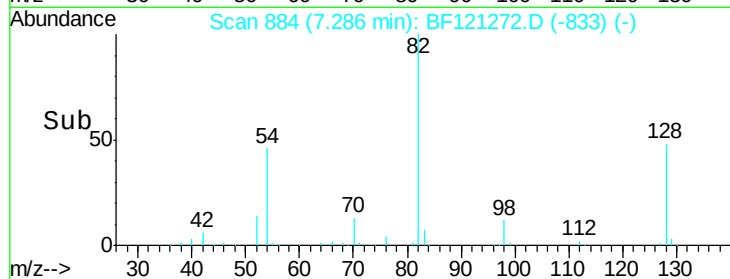
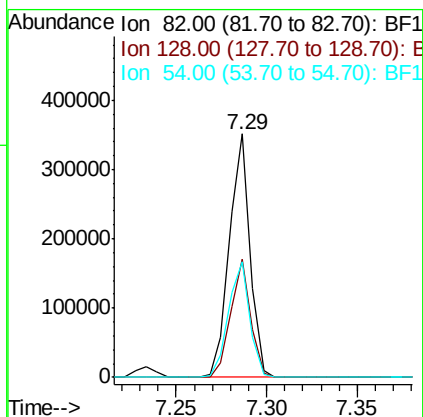
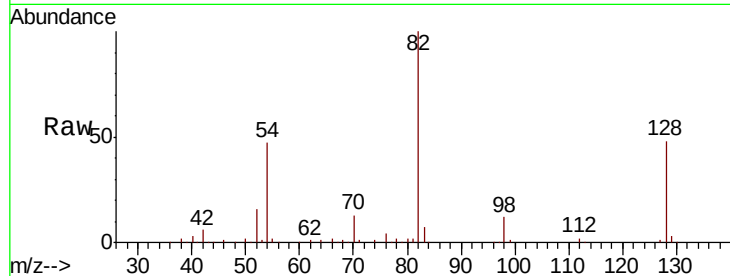




#23
 Nitrobenzene-d5
 Concen: 83.773 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

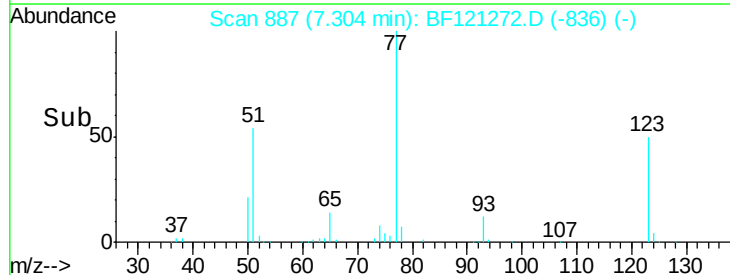
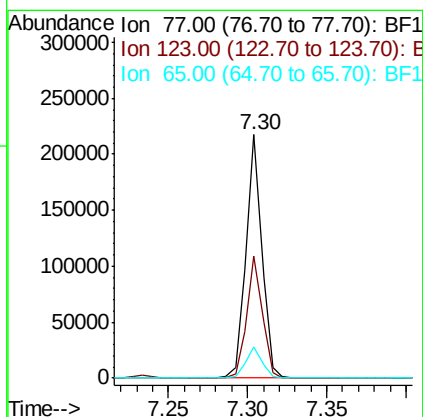
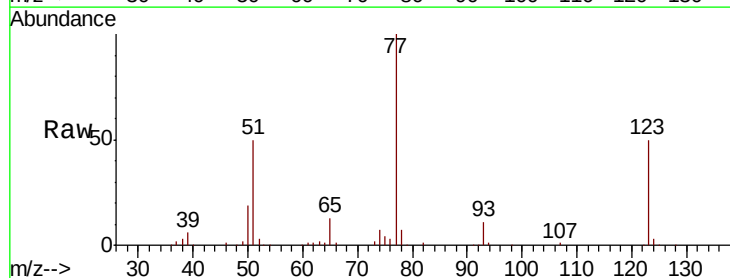
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

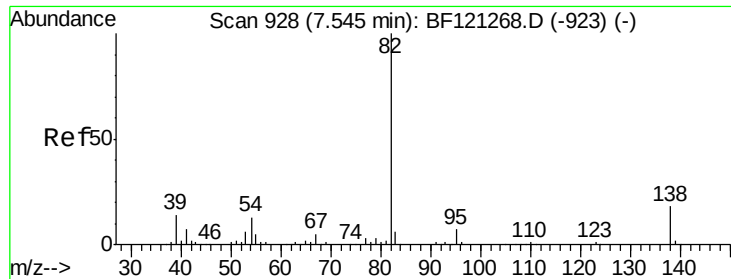
Tot Ion	82	Resp	280223
Ion Ratio	Lower	Upper	
82	100		
128	48.3	39.8	59.8
54	47.3	37.7	56.5



#24
 Nitrobenzene
 Concen: 41.667 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	77	Resp	151235
Ion Ratio	Lower	Upper	
77	100		
123	49.9	42.0	63.0
65	12.7	10.4	15.6

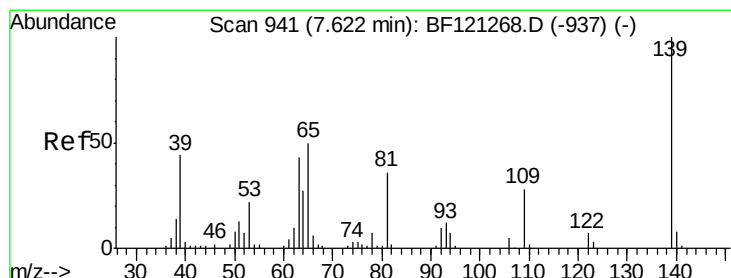
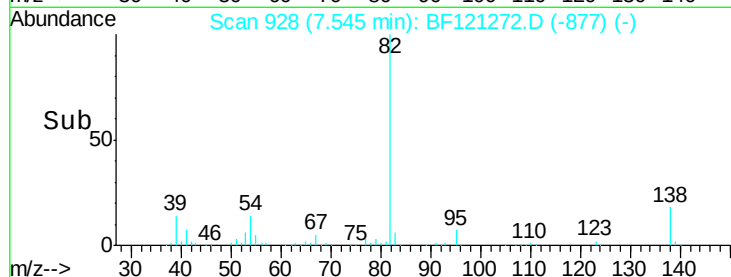
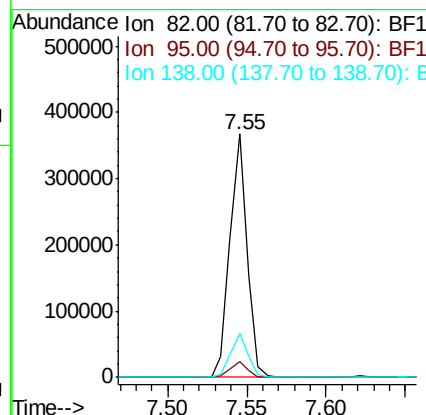
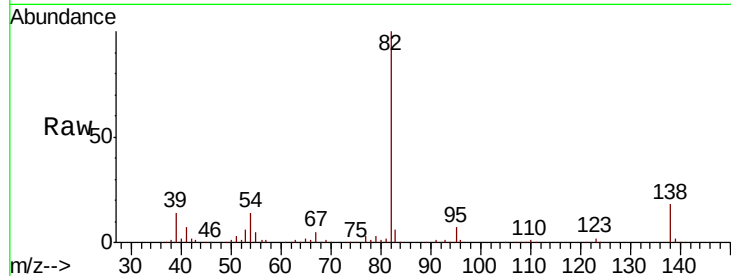




#25
Isophorone
Concen: 41.080 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

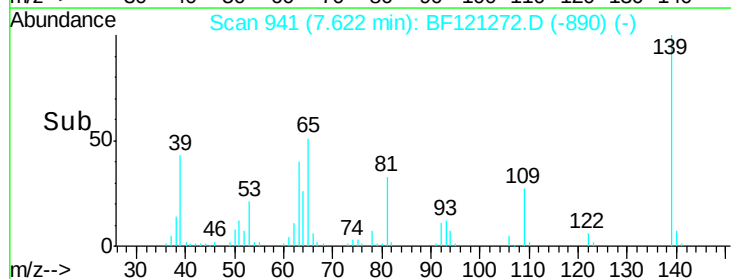
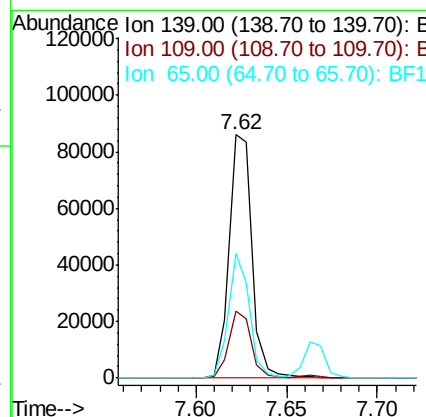
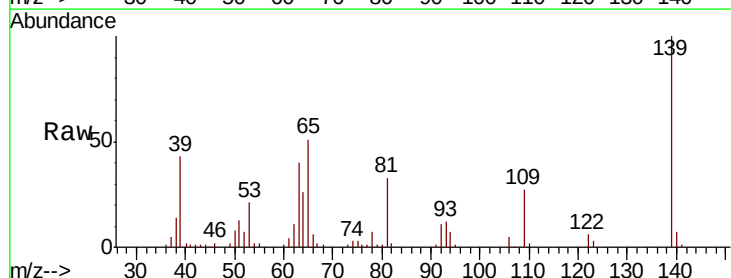
Instrument :
BNA_F
ClientSampleId :
ICVBF081320

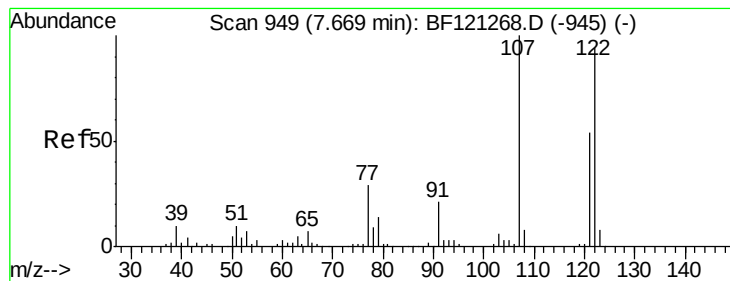
Tot Ion	82	Resp	275893
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.2	16.0	24.0



#26
2-Nitrophenol
Concen: 43.073 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion	139	Resp	75750
Ion Ratio	Lower	Upper	
139	100		
109	27.3	20.6	31.0
65	51.0	35.1	52.7





#27

2,4-Dimethylphenol

Concen: 41.573 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

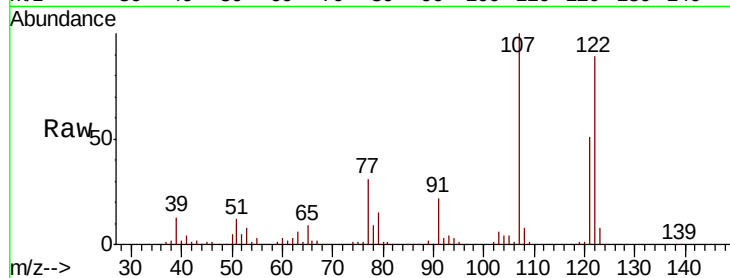
Tot Ion:122 Resp: 117142

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.4

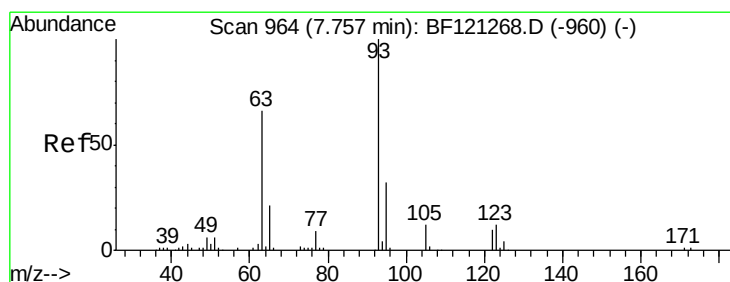
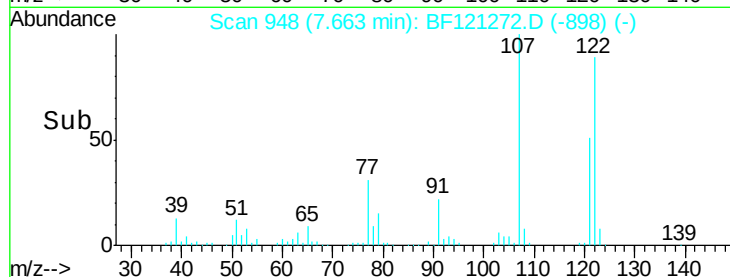
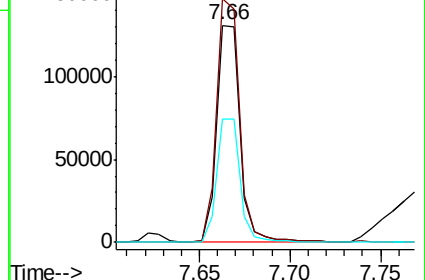
121 56.7 46.1 69.1



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: 40.573 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

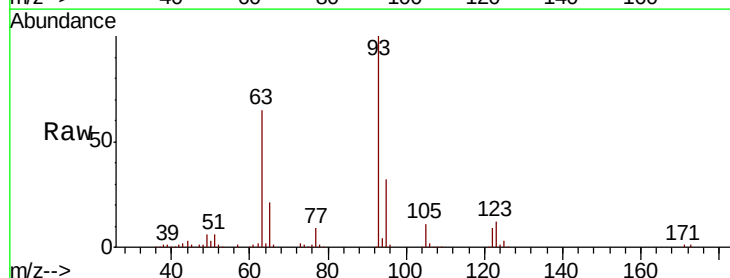
Tgt Ion: 93 Resp: 152412

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

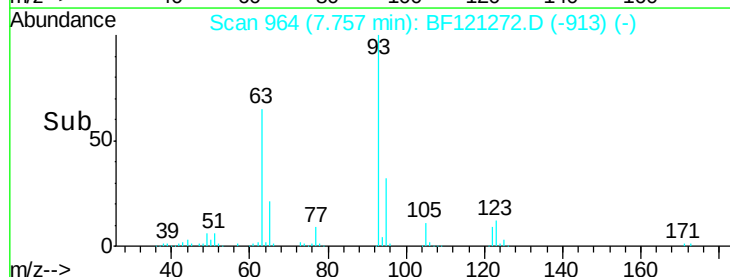
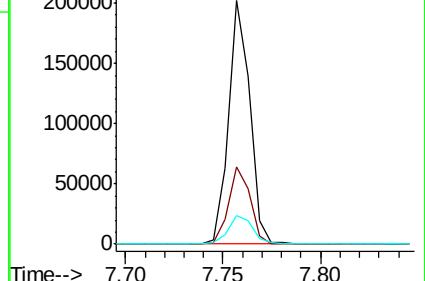
123 11.6 9.6 14.4

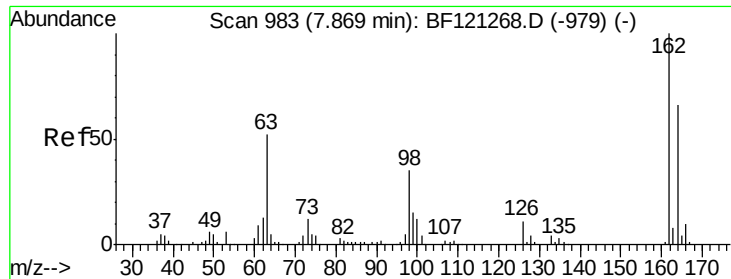


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

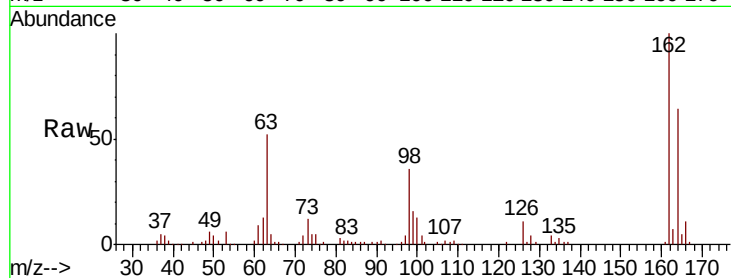




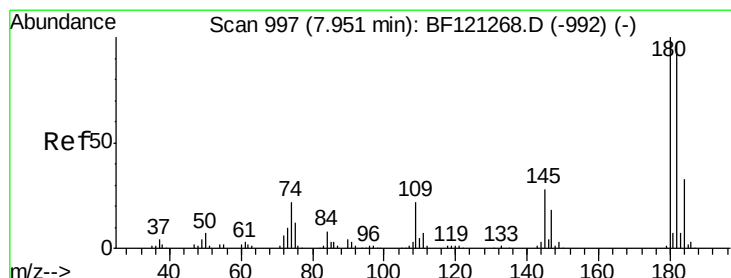
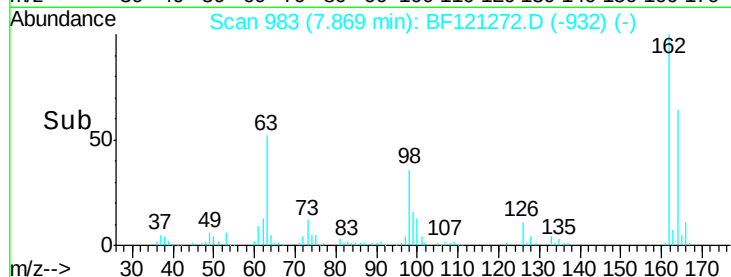
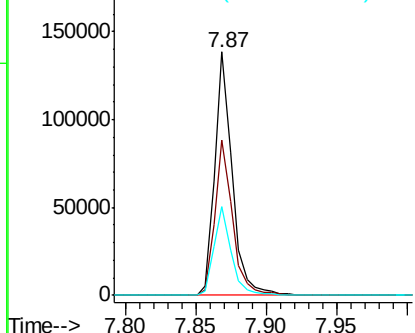
#29
 2,4-Dichlorophenol
 Concen: 41.587 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.4	83.4
98	36.4	18.1	58.1

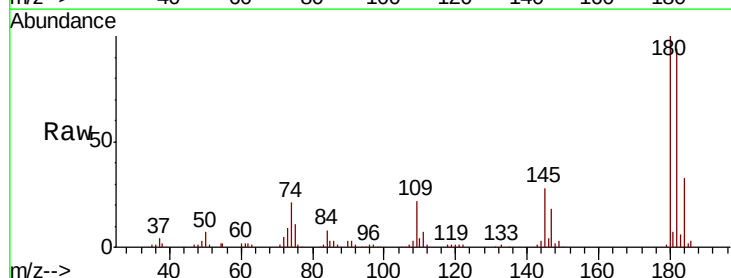


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

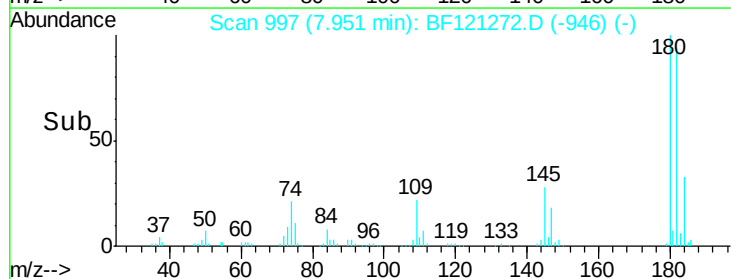
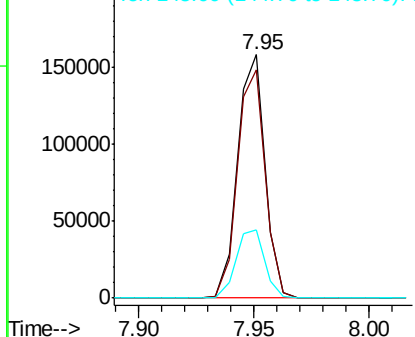


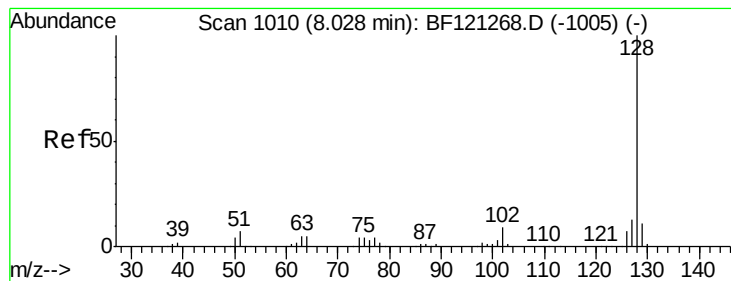
#30
 1,2,4-Trichlorobenzene
 Concen: 41.220 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.3	114.5
145	28.1	23.6	35.4



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: 41.200 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

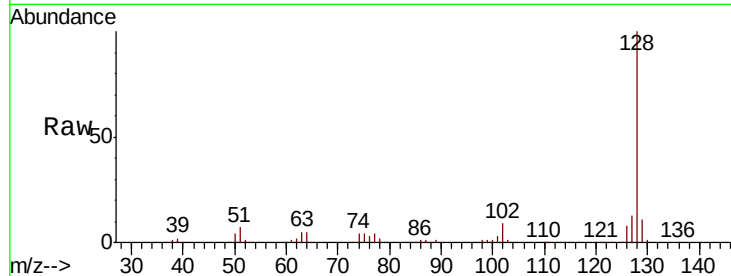
Tot Ion:128 Resp: 423748

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

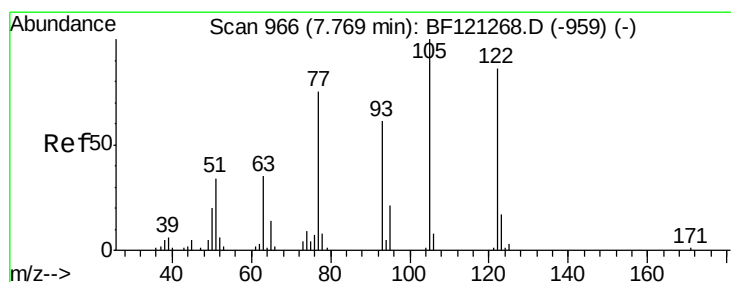
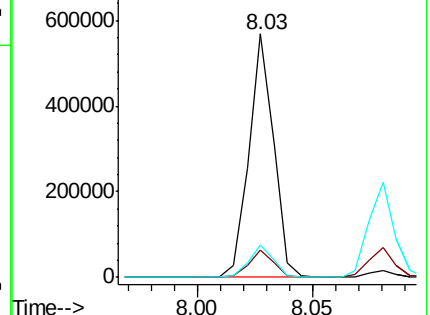
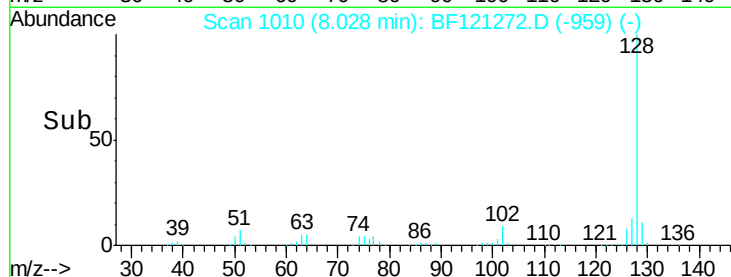
127 13.1 10.6 16.0



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: 39.711 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

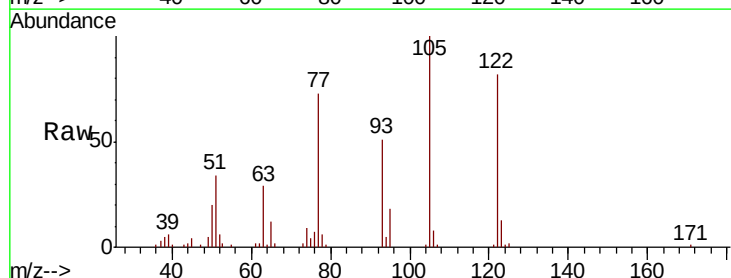
Tgt Ion:122 Resp: 59607

Ion Ratio Lower Upper

122 100

105 121.7 101.3 141.3

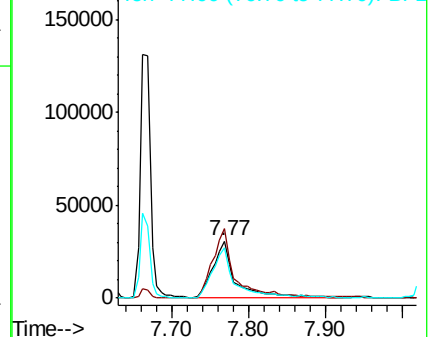
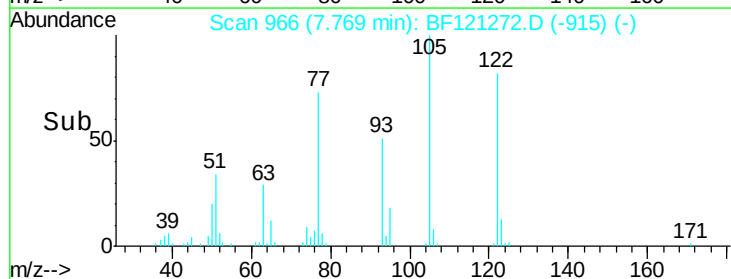
77 88.4 68.5 108.5

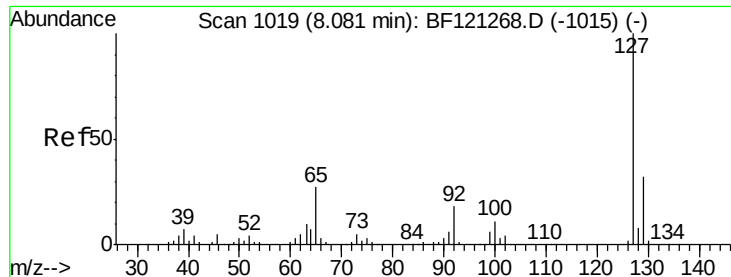


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

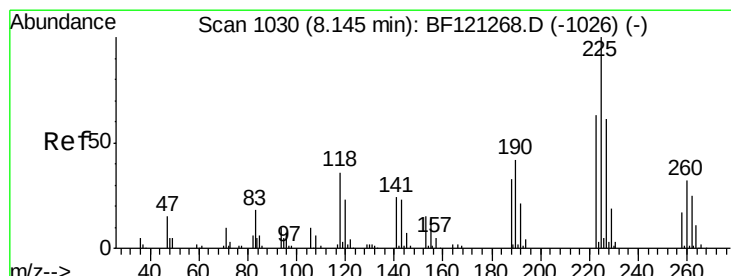
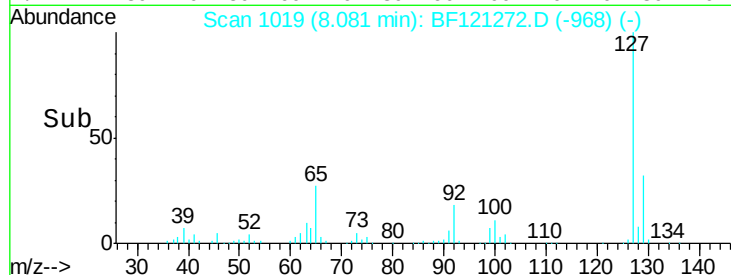
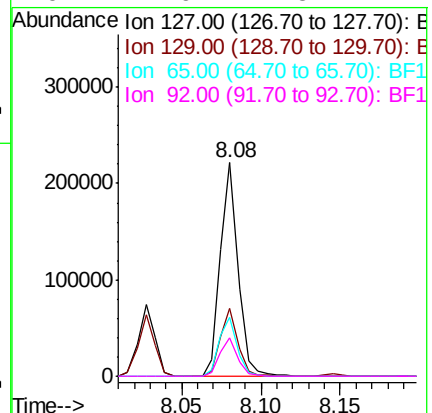
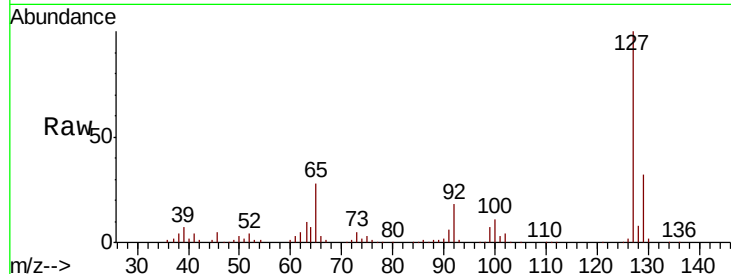




#33
4-Chloroaniline
Concen: 41.131 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

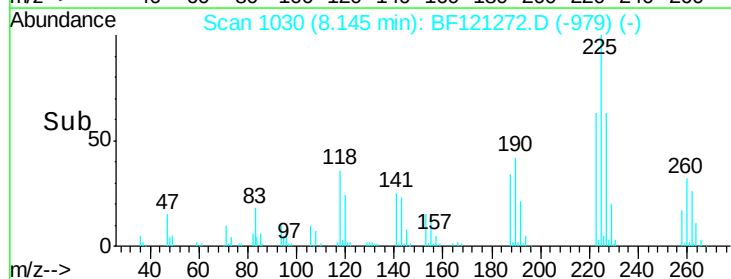
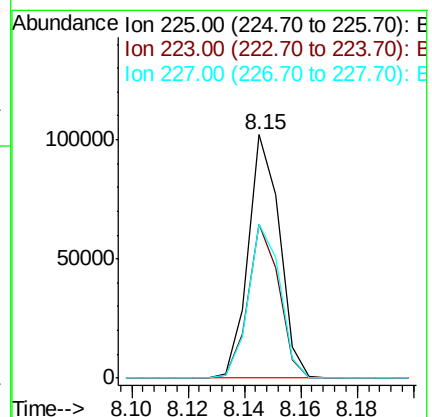
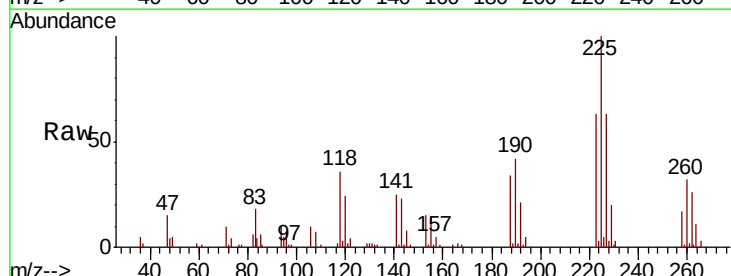
Instrument :
BNA_F
ClientSampleId :
ICVBF081320

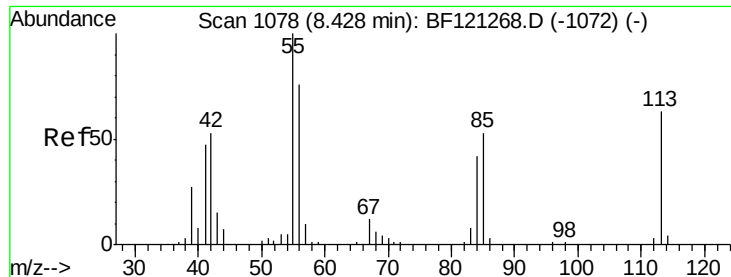
Tot Ion:	127	Resp:	172639
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	27.6	23.5	35.3
92	17.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.945 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion:	225	Resp:	78786
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.8
227	63.4	51.9	77.9

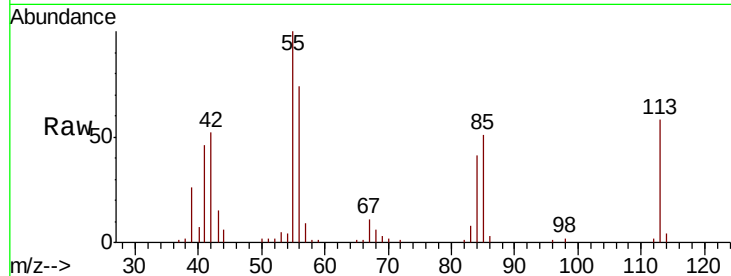




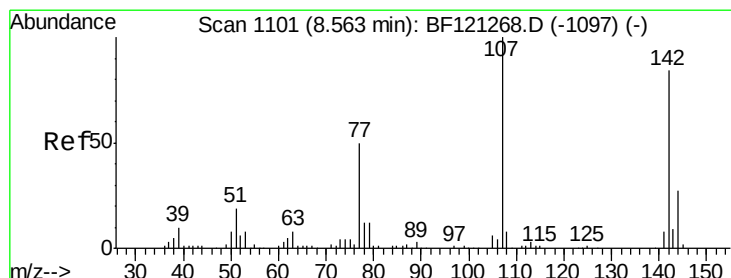
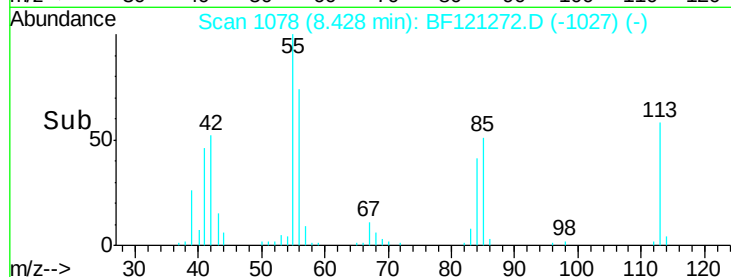
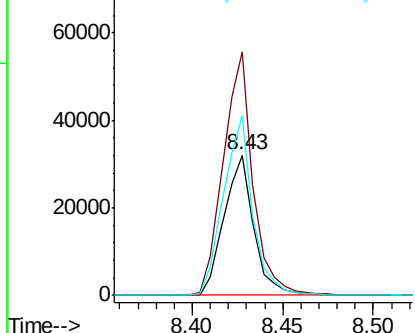
#35
 Caprolactam
 Concen: 42.077 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:113 Resp: 36519
 Ion Ratio Lower Upper
 113 100
 55 173.5 151.9 191.9
 56 127.7 106.0 146.0

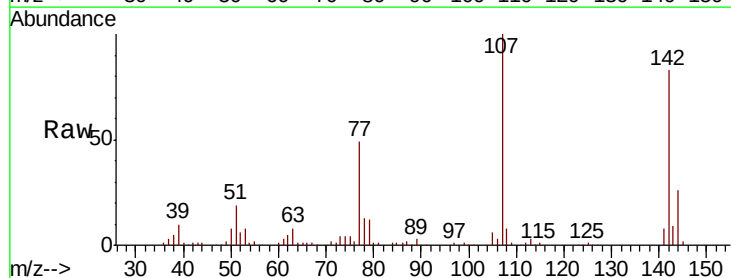


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

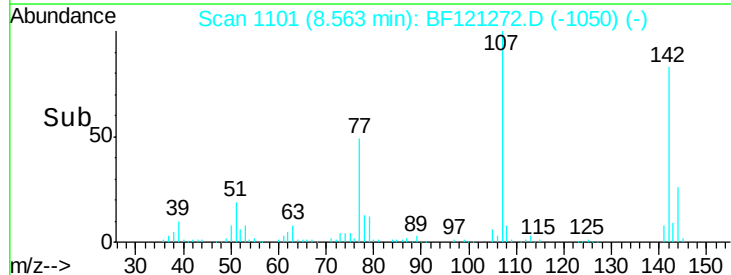
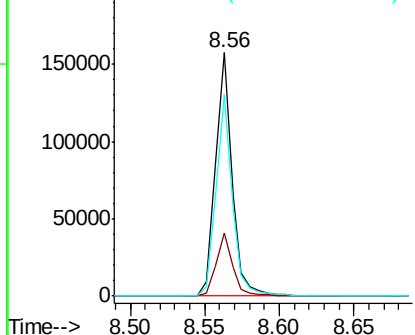


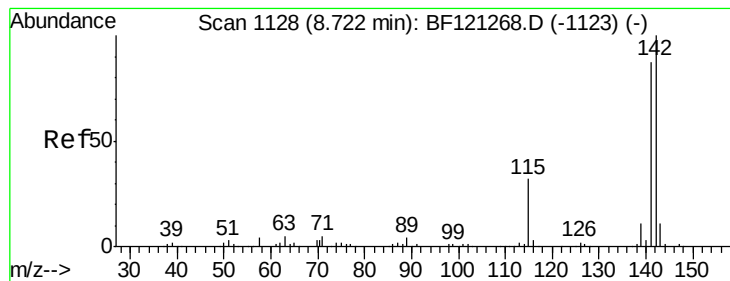
#36
 4-Chloro-3-methylphenol
 Concen: 41.747 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:107 Resp: 122729
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 82.8 63.5 95.3



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: 41.205 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

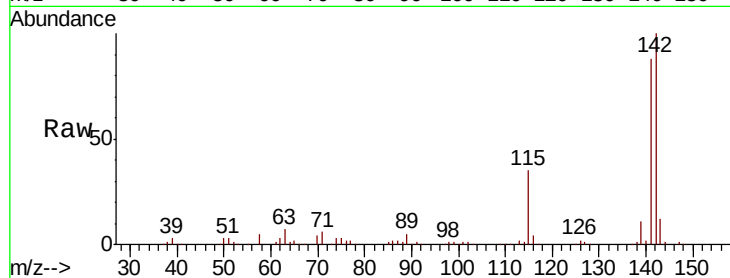
Tot Ion:142 Resp: 278881

Ion Ratio Lower Upper

142 100

141 88.0 71.3 106.9

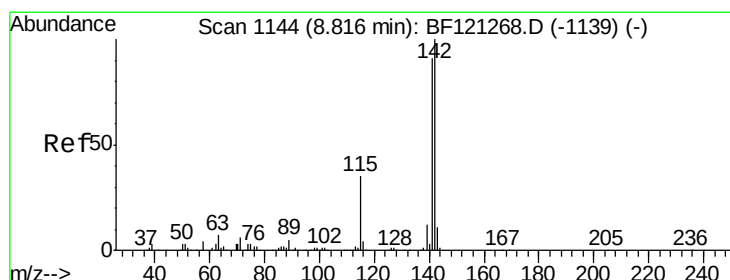
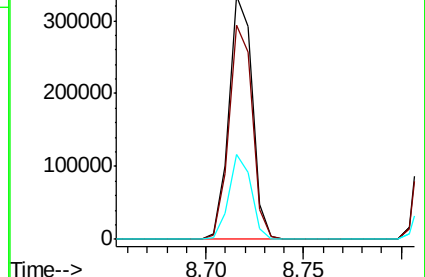
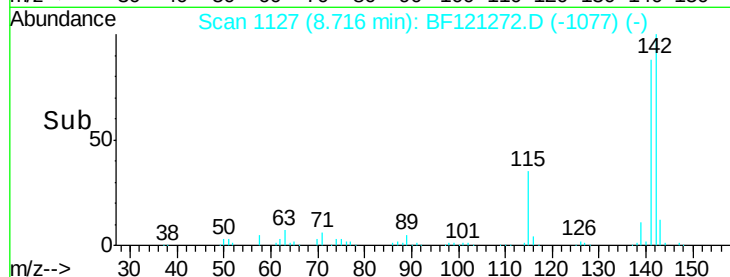
115 34.6 25.9 38.9



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: 41.253 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

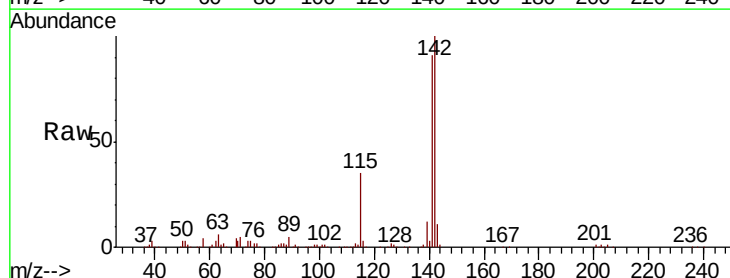
Tgt Ion:142 Resp: 264365

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4

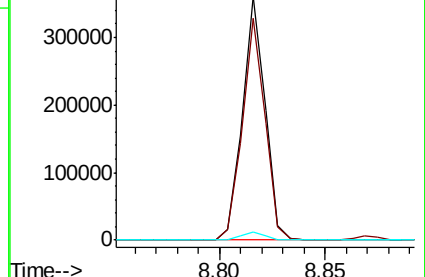
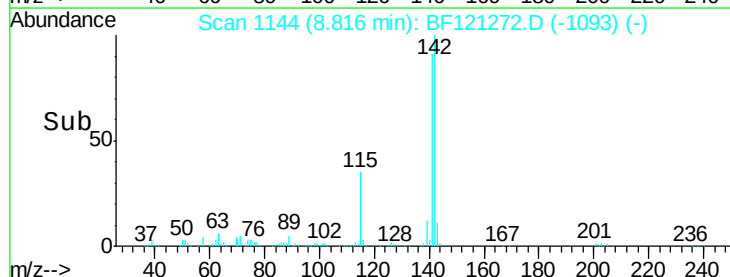
116 3.5 3.0 4.6

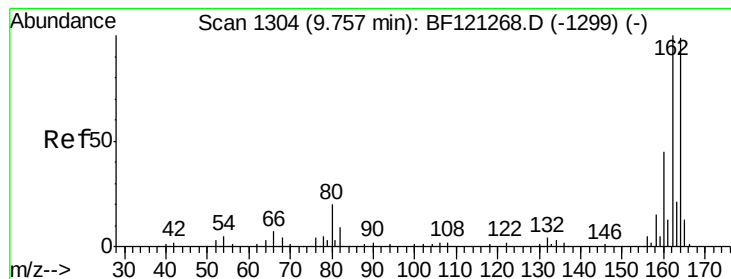


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

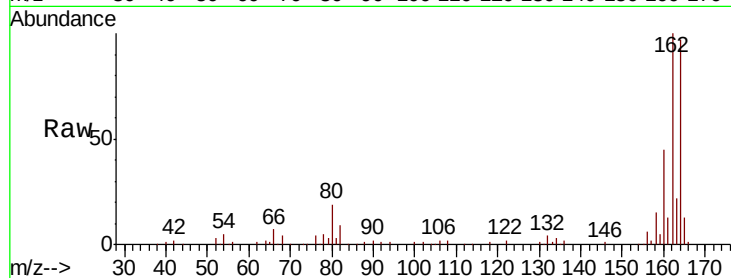
Tot Ion:164 Resp: 94439

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

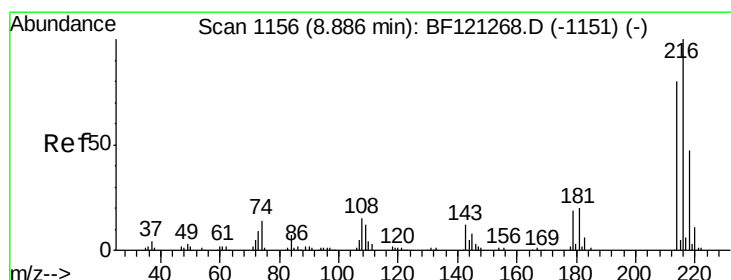
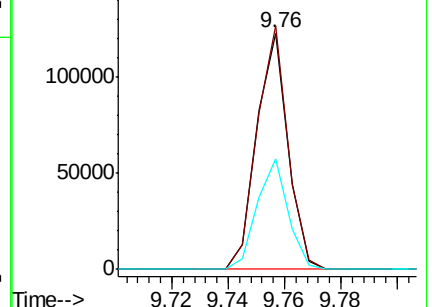
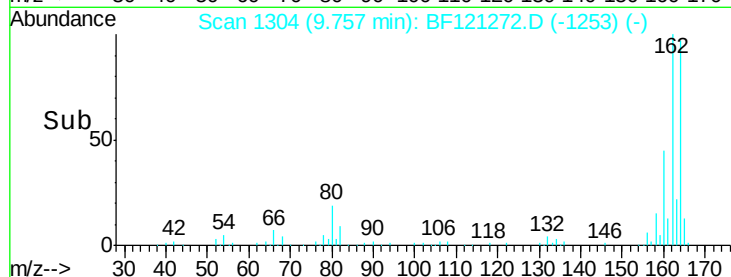
160 46.5 36.9 55.3



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: 41.643 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Tgt Ion:216 Resp: 131772

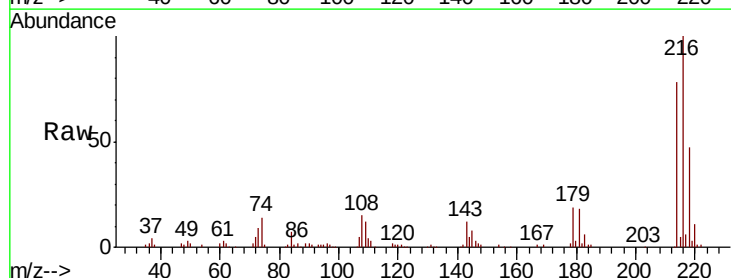
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 19.9 16.1 24.1

108 17.6 14.3 21.5

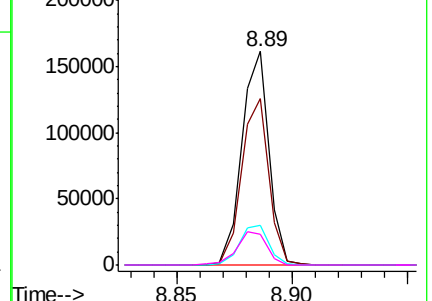
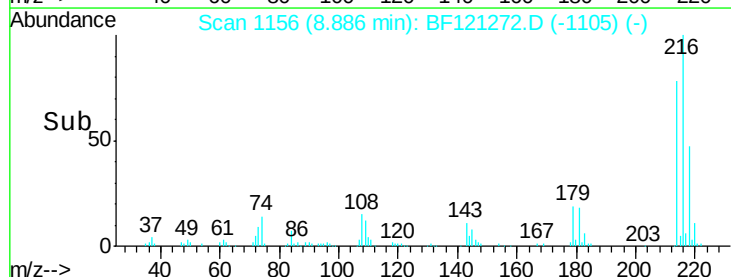


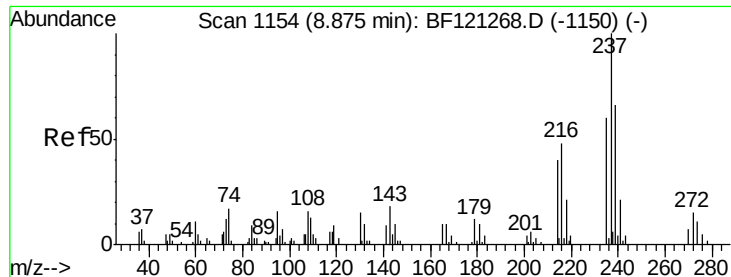
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.618 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

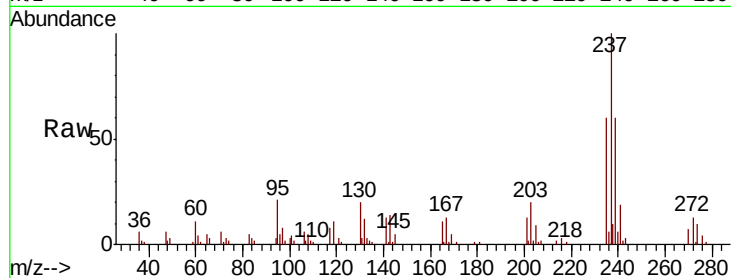
Tot Ion:237 Resp: 36133

Ion Ratio Lower Upper

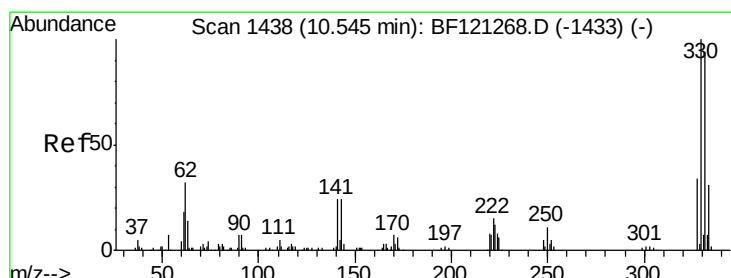
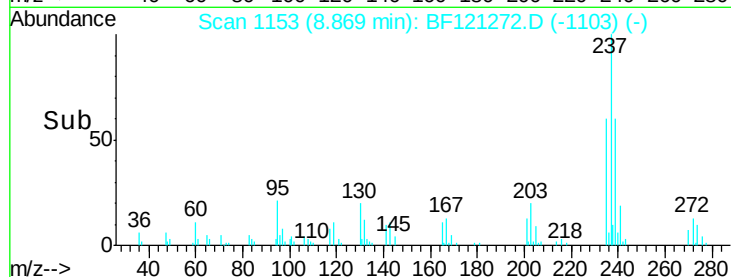
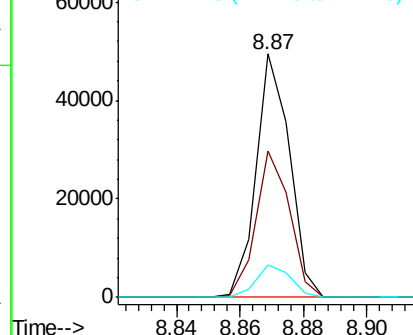
237 100

235 60.1 41.8 81.8

272 13.1 0.0 34.3



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: 85.140 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

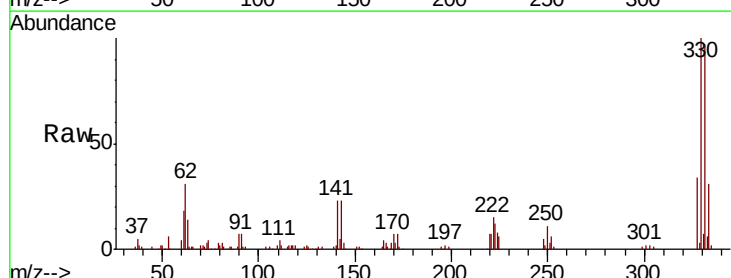
Tgt Ion:330 Resp: 98995

Ion Ratio Lower Upper

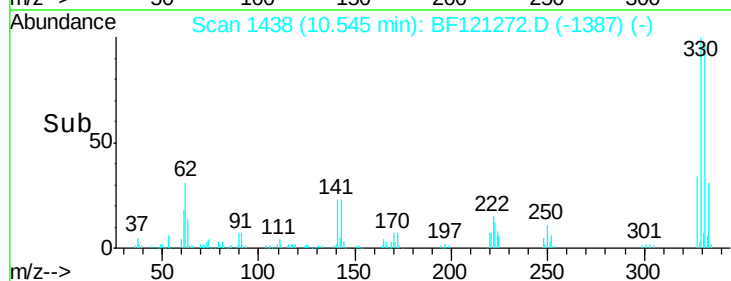
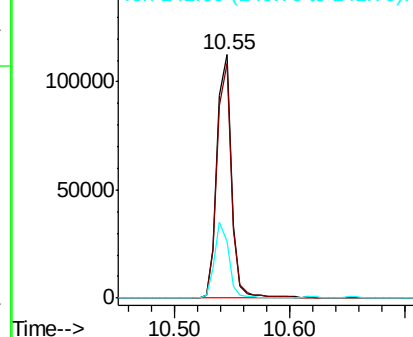
330 100

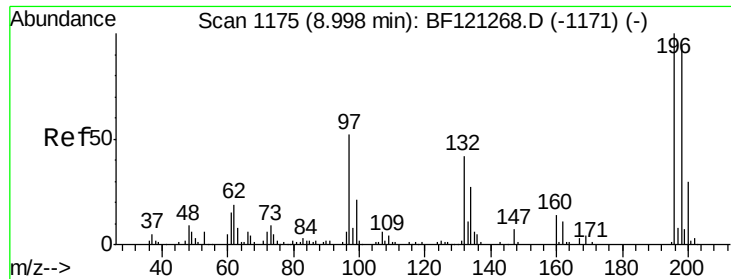
332 95.5 75.4 113.0

141 30.6 23.4 35.2



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

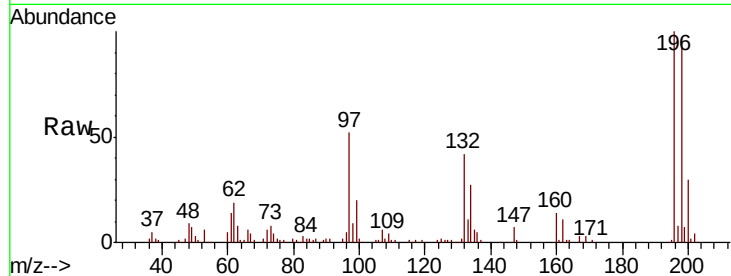




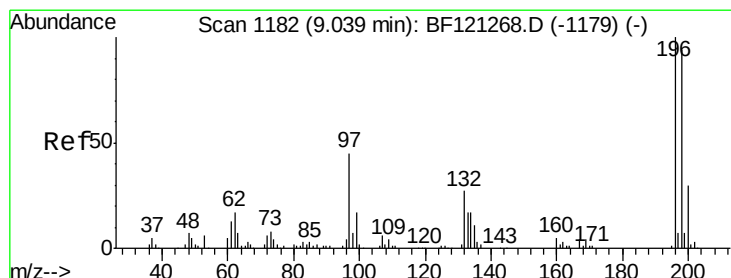
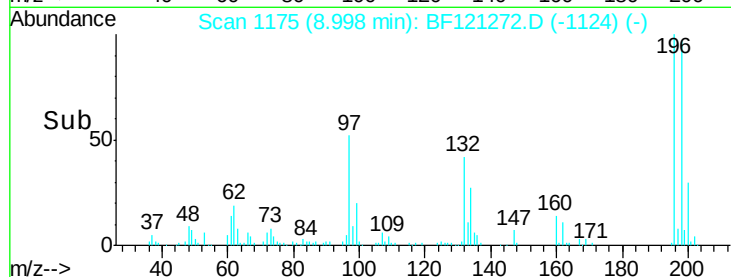
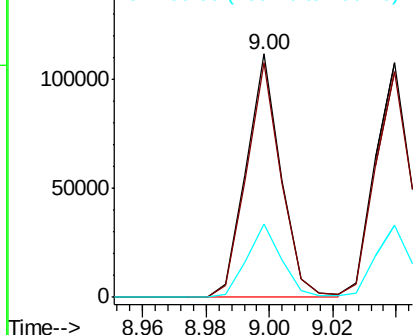
#43
 2,4,6-Trichlorophenol
 Concen: 41.826 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:196 Resp: 84174
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.3 114.5
 200 30.0 24.4 36.6

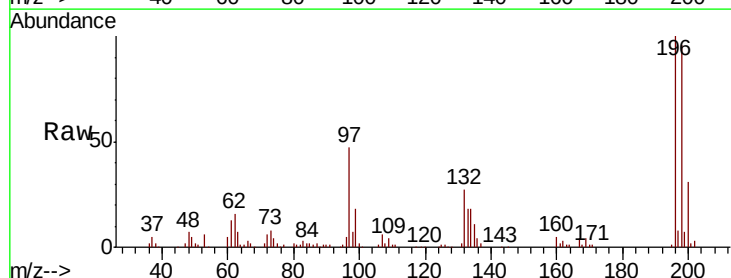


Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

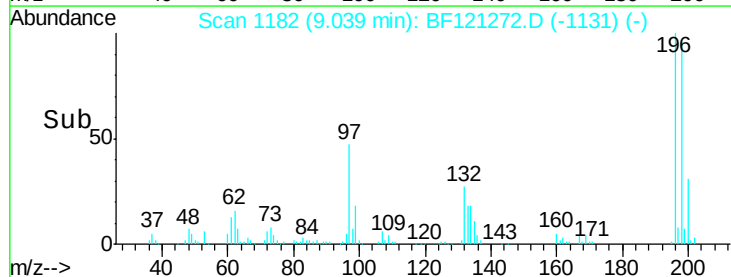
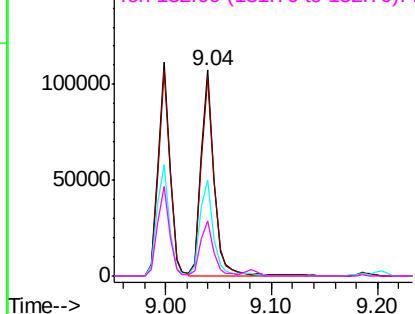


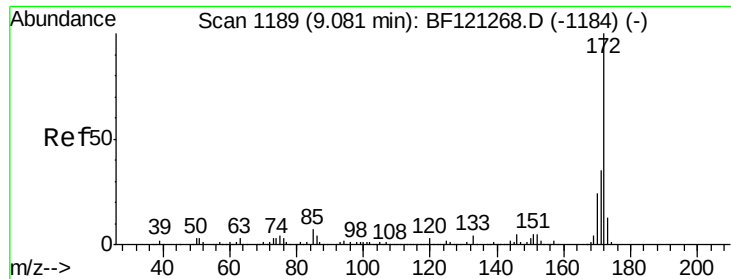
#44
 2,4,5-Trichlorophenol
 Concen: 42.196 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:196 Resp: 92236
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.4 116.2
 97 46.7 38.8 58.2
 132 26.7 22.6 34.0



Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

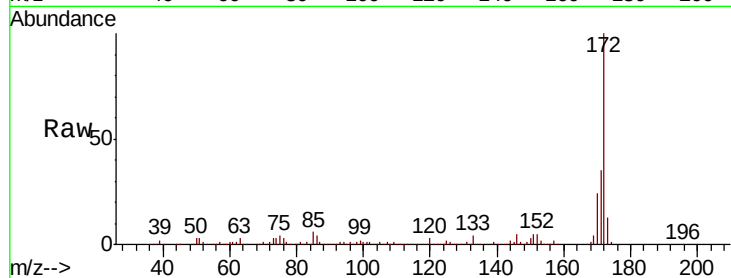




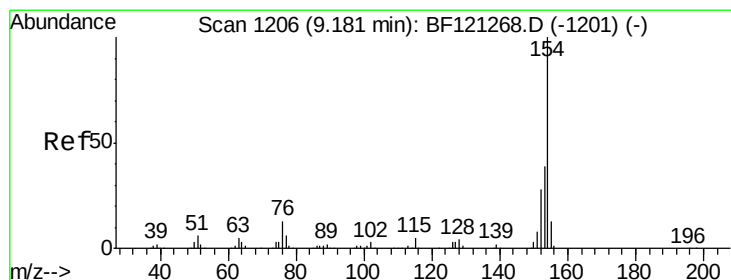
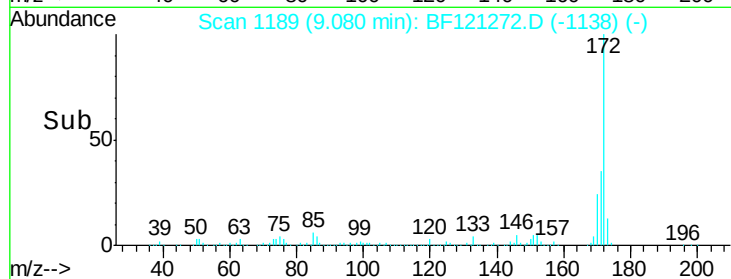
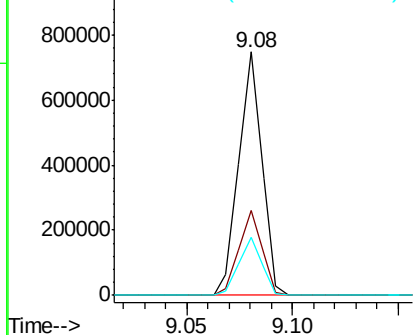
#45
2-Fluorobiphenyl
Concen: 82.973 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.6	19.3	28.9

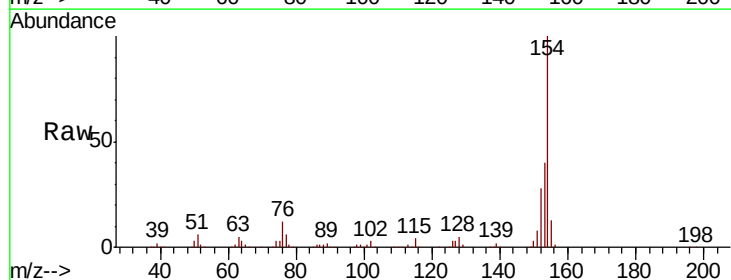


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

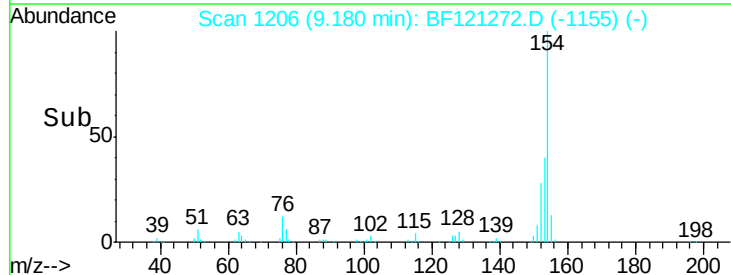
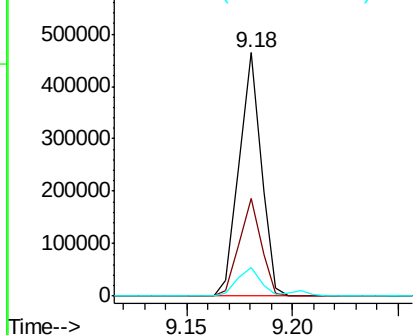


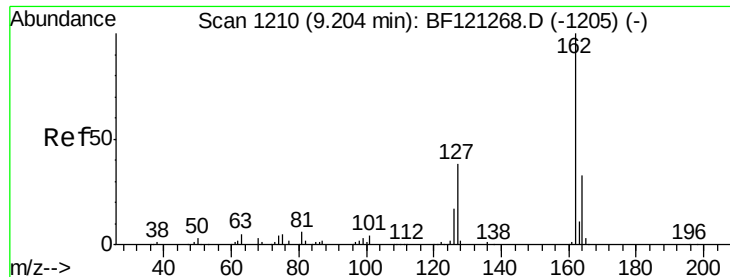
#46
1,1'-Biphenyl
Concen: 41.223 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	12.0	0.0	33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

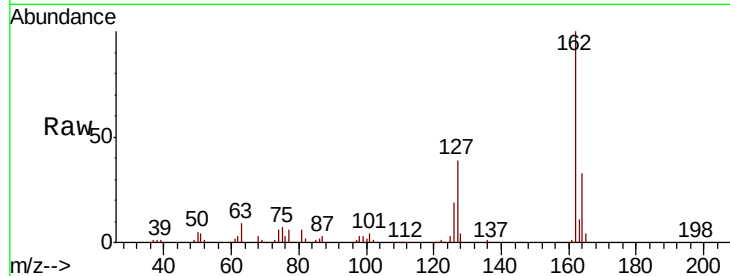




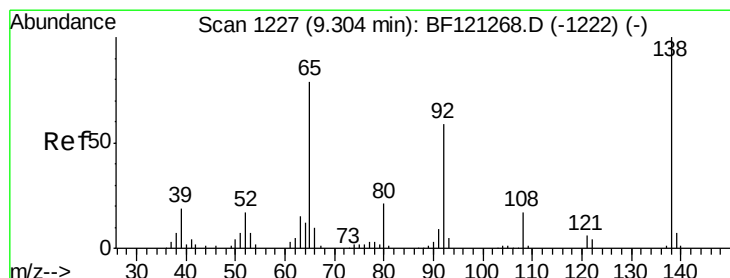
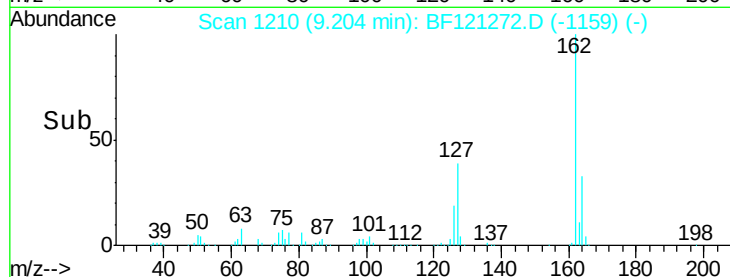
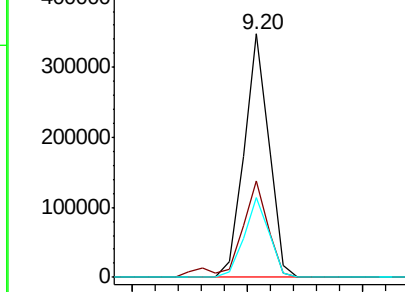
#47
 2-Chloronaphthalene
 Concen: 41.520 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.5	45.7
164	32.8	26.5	39.7

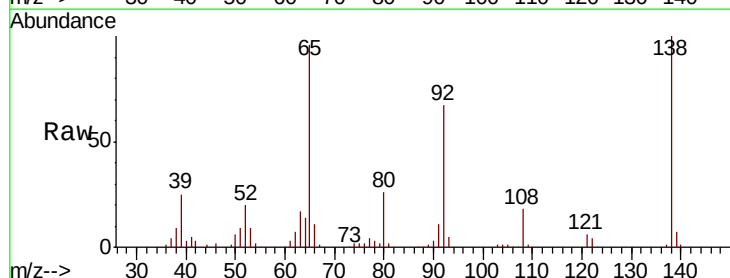


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

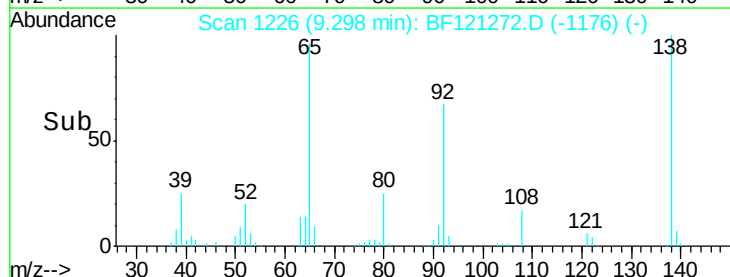
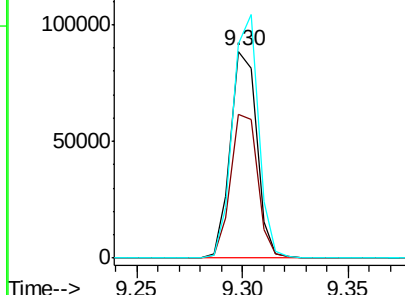


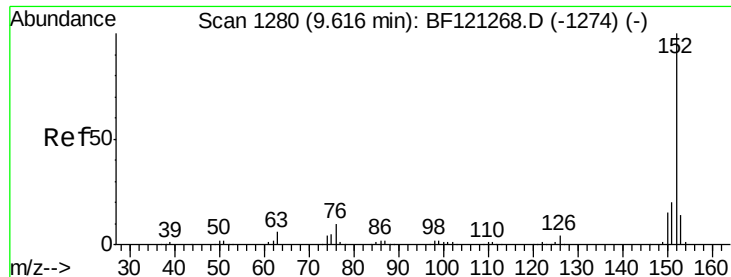
#48
 2-Nitroaniline
 Concen: 43.201 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.4	84.6
138	103.7	91.9	137.9



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: 41.816 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

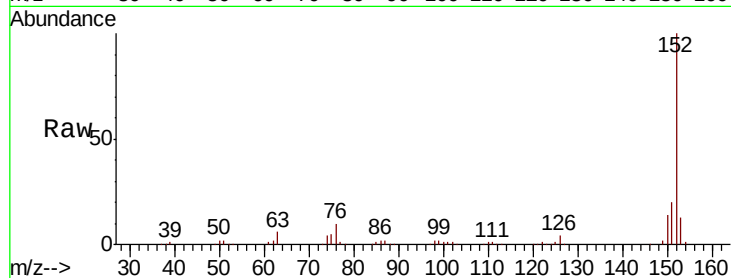
Tot Ion:152 Resp: 417191

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

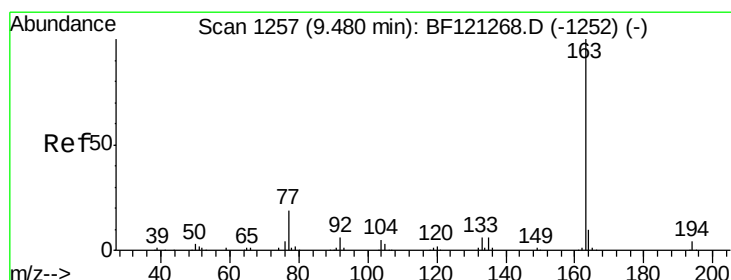
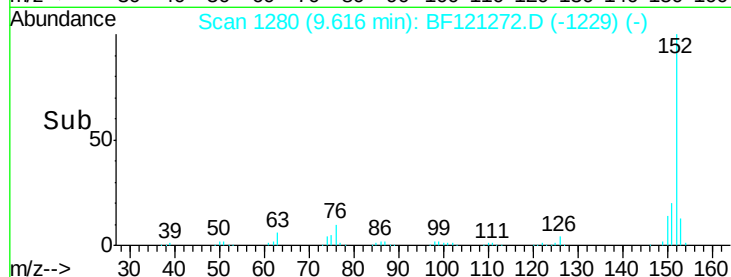
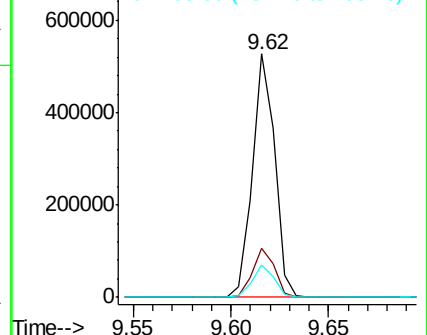
153 13.1 10.6 15.8



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: 41.561 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

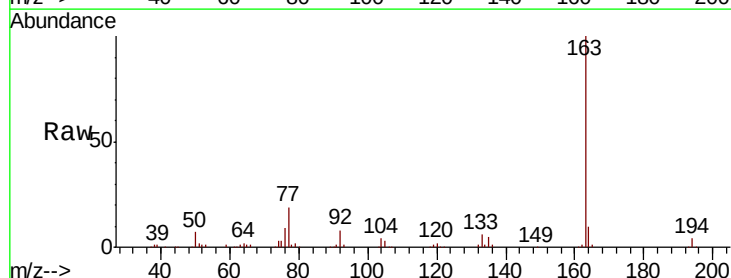
Tgt Ion:163 Resp: 295347

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

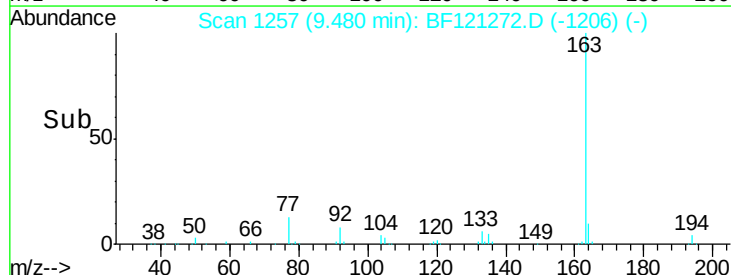
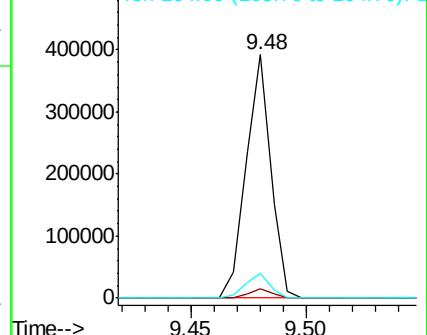
164 10.2 8.1 12.1

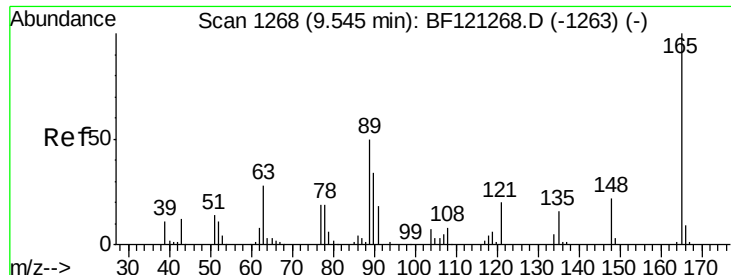


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

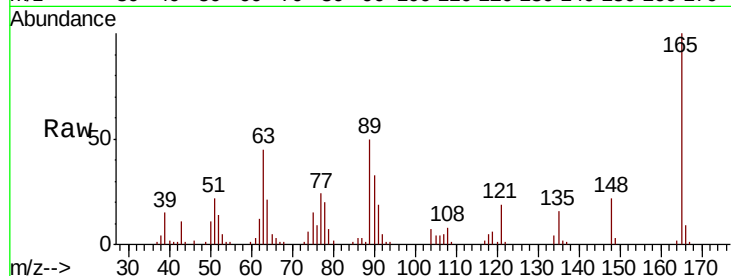




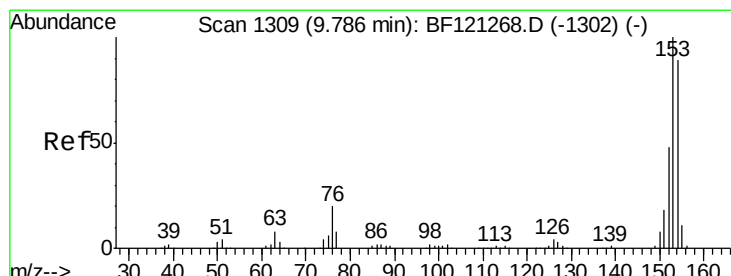
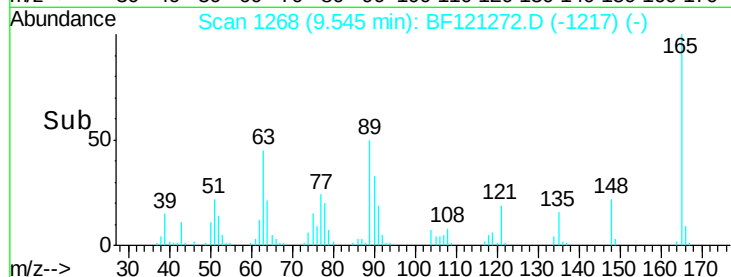
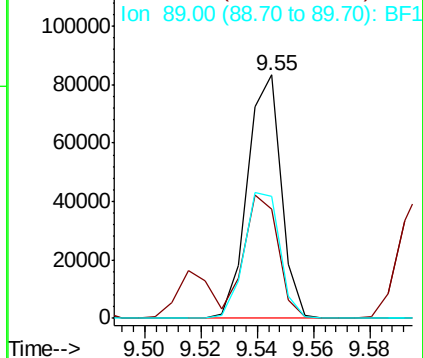
#51
 2,6-Dinitrotoluene
 Concen: 43.402 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:165	Resp:	68753
Ion Ratio	Lower	Upper
165	100	
63	45.0	42.3 63.5
89	50.0	45.0 67.4

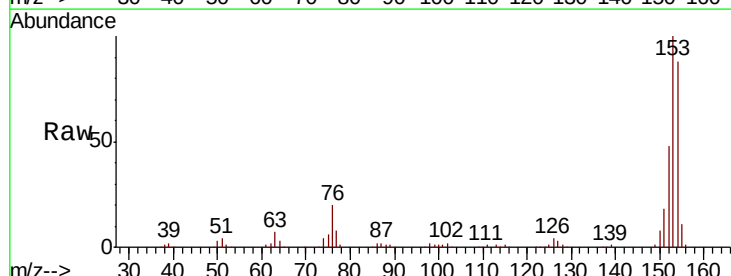


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

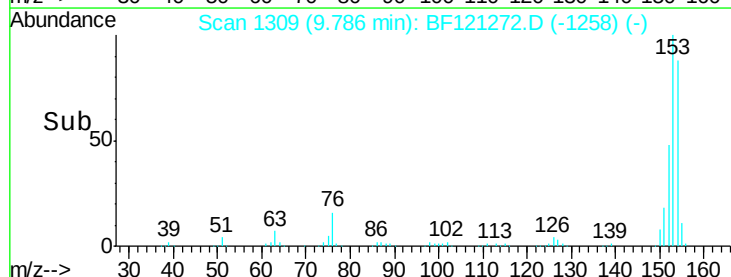
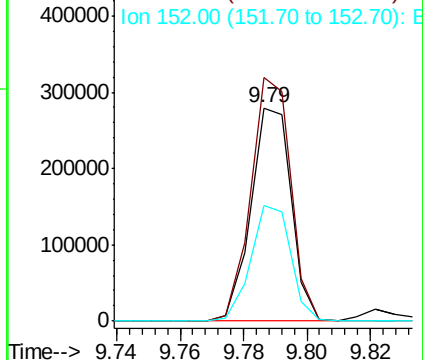


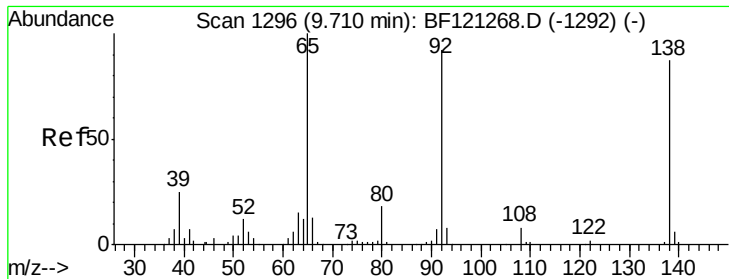
#52
 Acenaphthene
 Concen: 41.854 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:154	Resp:	247228
Ion Ratio	Lower	Upper
154	100	
153	114.2	89.3 133.9
152	54.4	42.9 64.3



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

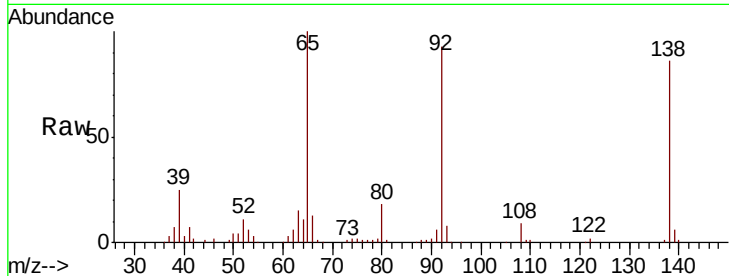




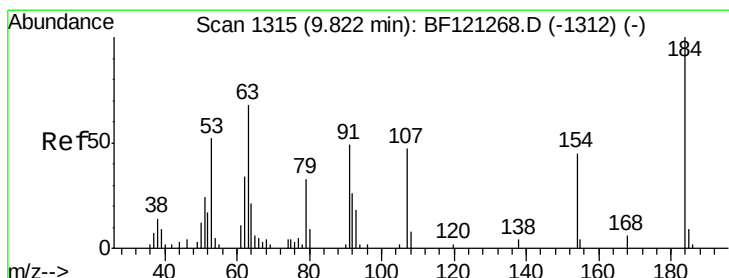
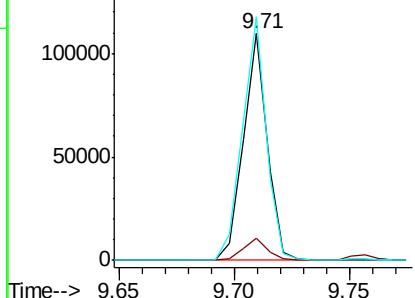
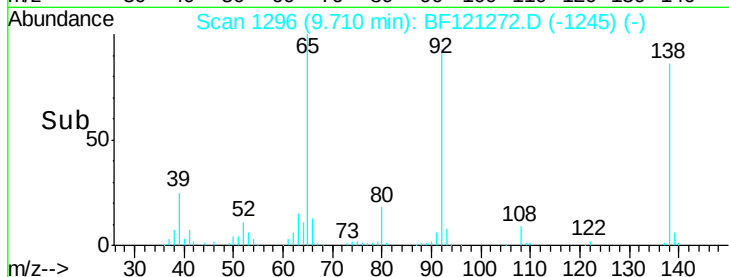
#53
 3-Nitroaniline
 Concen: 43.861 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:138 Resp: 79333
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 107.5 85.1 127.7

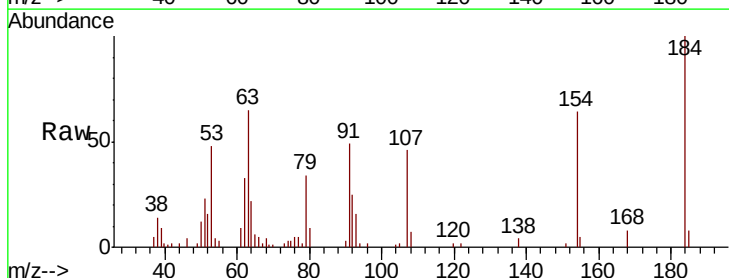


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

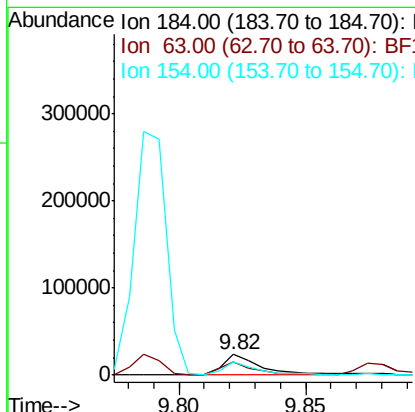
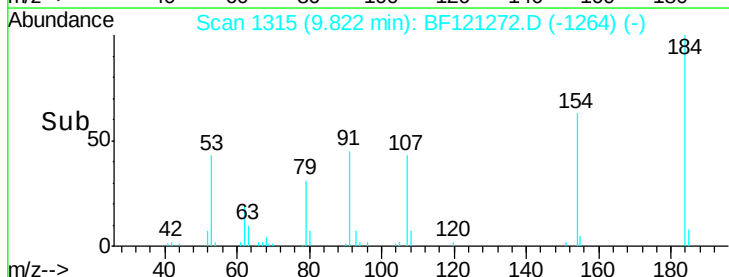


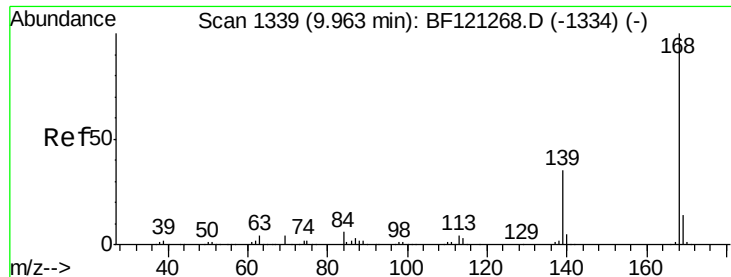
#54
 2,4-Dinitrophenol
 Concen: 40.013 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:184 Resp: 23869
 Ion Ratio Lower Upper
 184 100
 63 64.7 39.4 59.2#
 154 64.2 43.4 65.0



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

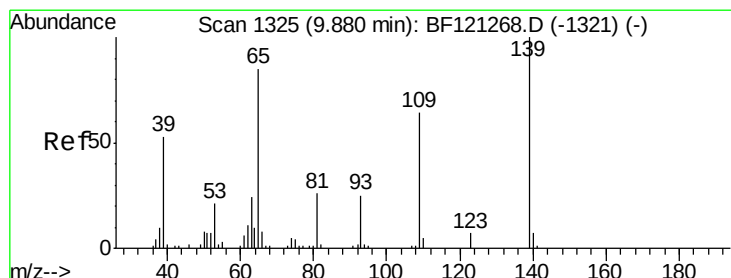
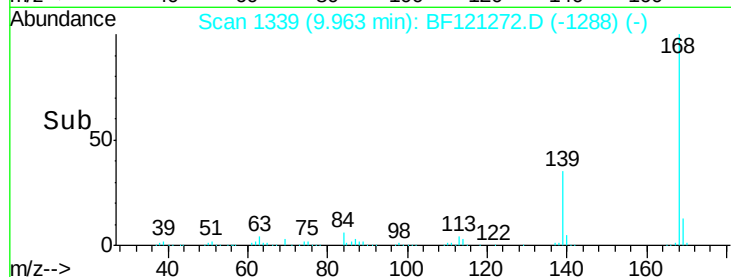
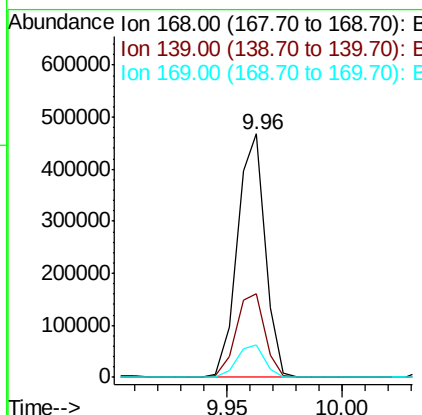
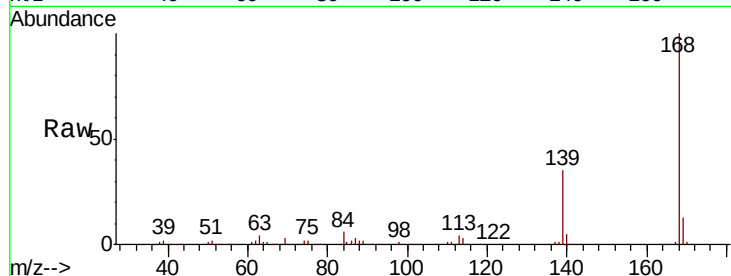




#55
 Dibenzofuran
 Concen: 41.720 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

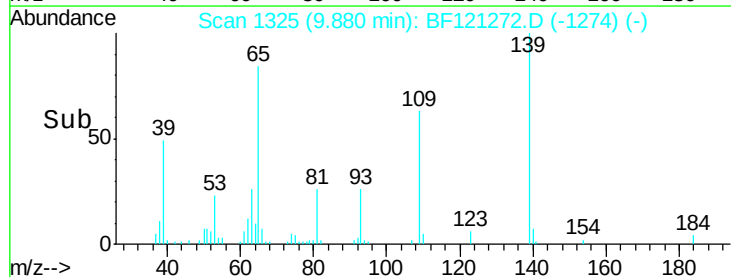
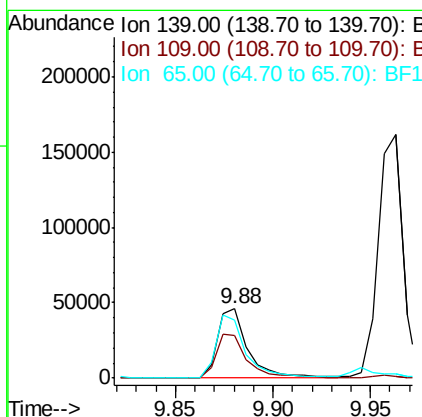
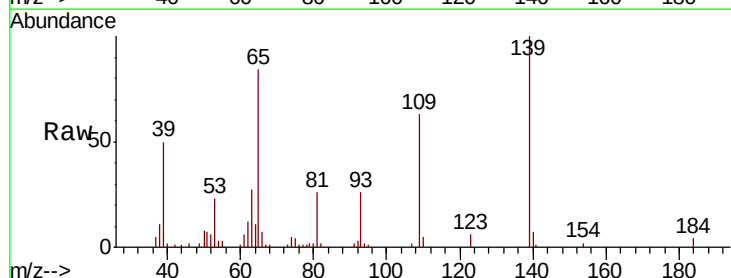
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

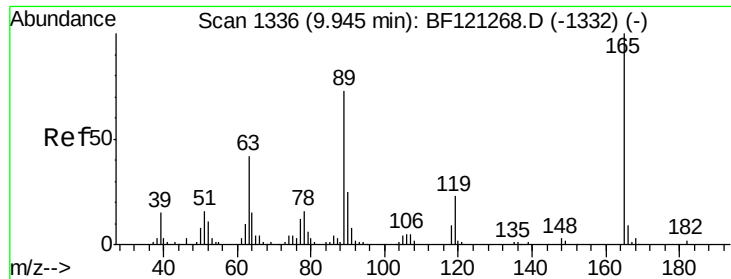
Tot Ion:168 Resp: 392443
 Ion Ratio Lower Upper
 168 100
 139 34.5 29.0 43.6
 169 13.1 11.0 16.4



#56
 4-Nitrophenol
 Concen: 42.945 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:139 Resp: 50128
 Ion Ratio Lower Upper
 139 100
 109 62.7 47.2 87.2
 65 83.6 70.6 110.6

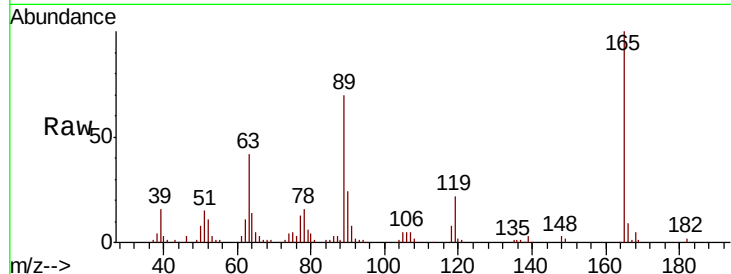




#57
2,4-Dinitrotoluene
Concen: 44.013 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion:165	Resp:	91500
Ion Ratio	Lower	Upper
165	100	
63	41.8	31.9 47.9
89	69.6	53.6 80.4
182	2.4	1.8 2.6

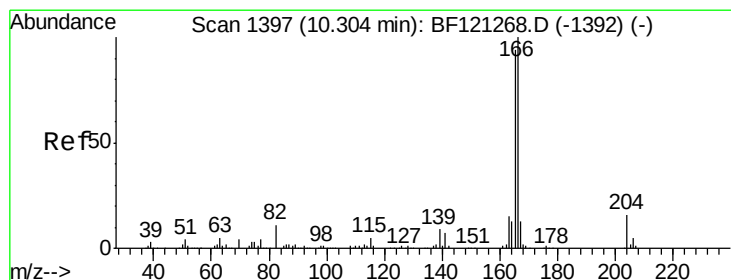
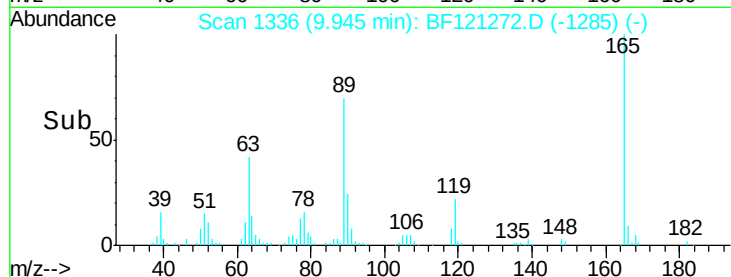
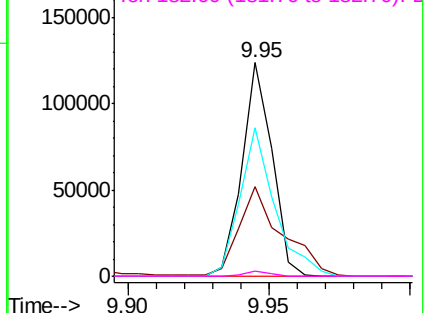


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

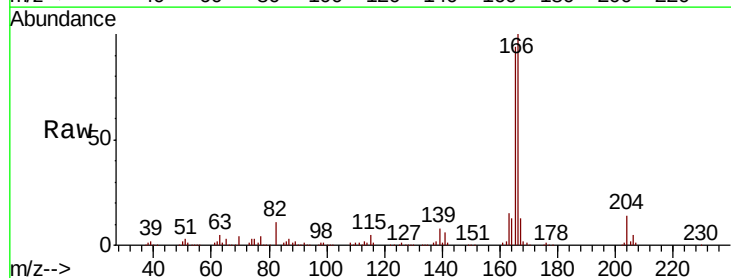
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.648 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

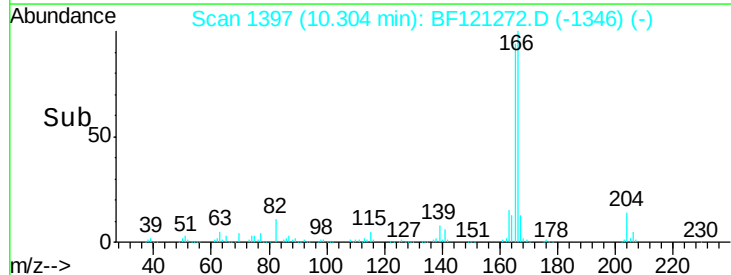
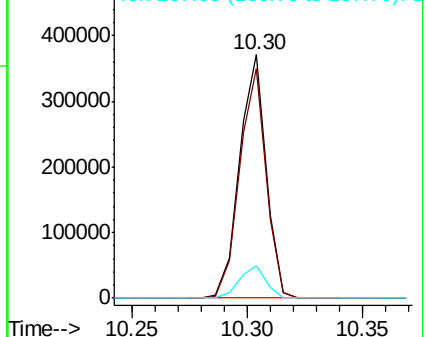
Tgt Ion:166	Resp:	296558
Ion Ratio	Lower	Upper
166	100	
165	94.0	75.0 112.6
167	13.1	10.6 16.0

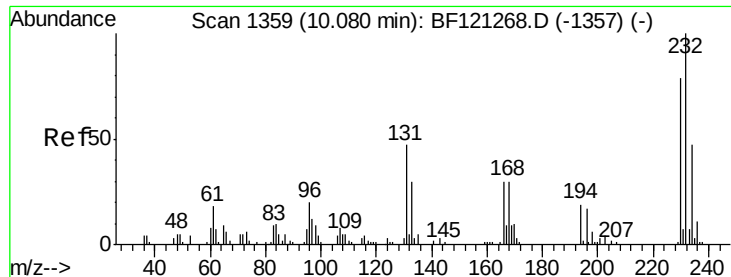


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

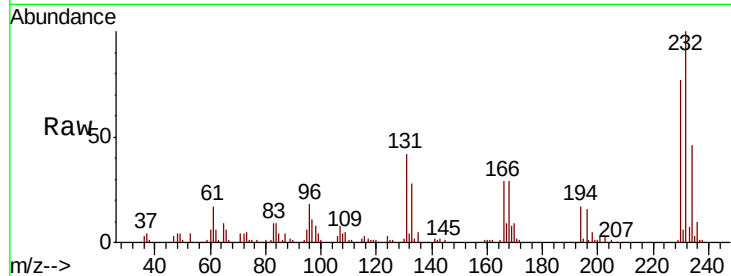




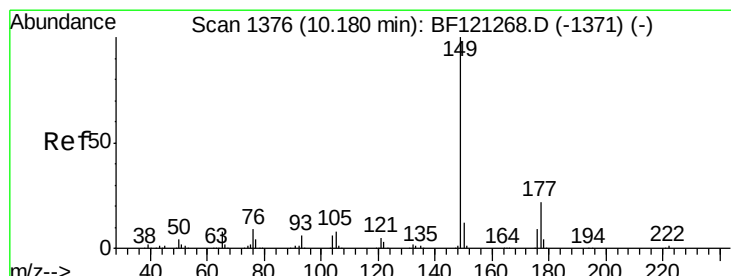
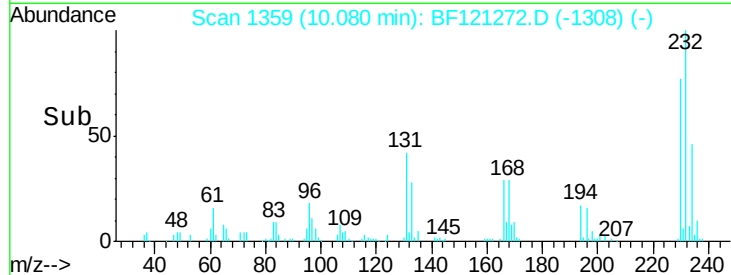
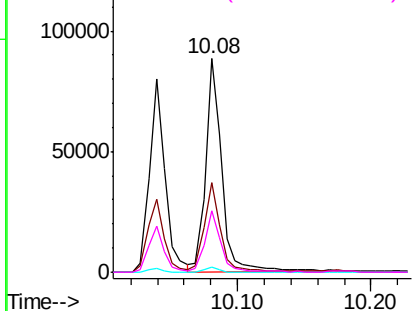
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.951 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:	232	Resp:	74232
Ion	Ratio	Lower	Upper
232	100		
131	43.9	36.6	55.0
130	1.8	1.6	2.4
166	29.1	23.5	35.3

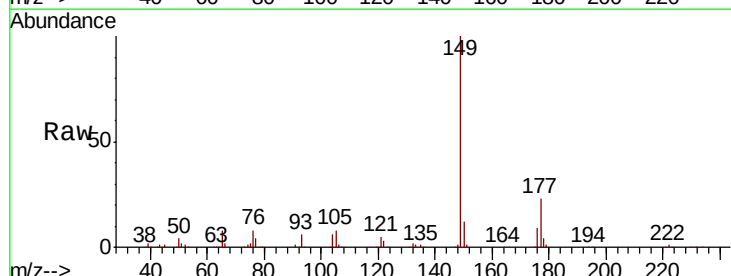


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

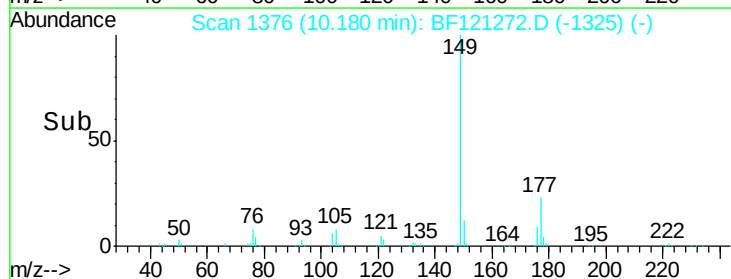
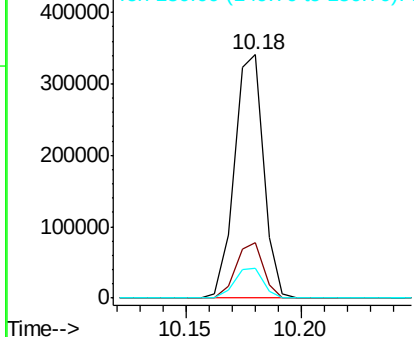


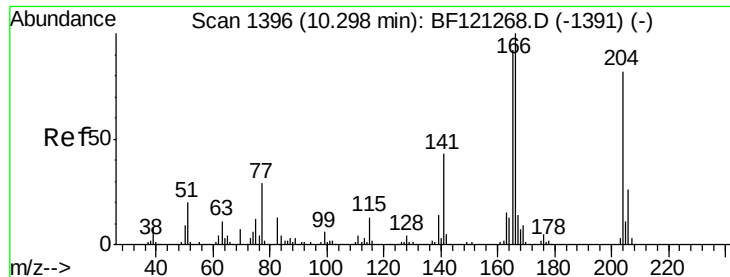
#60
 Diethylphthalate
 Concen: 41.511 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:	149	Resp:	299978
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.2	10.1	15.1



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

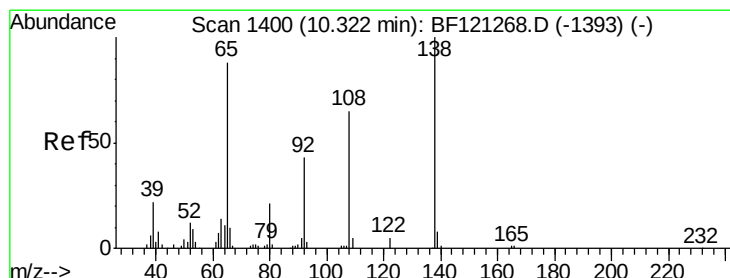
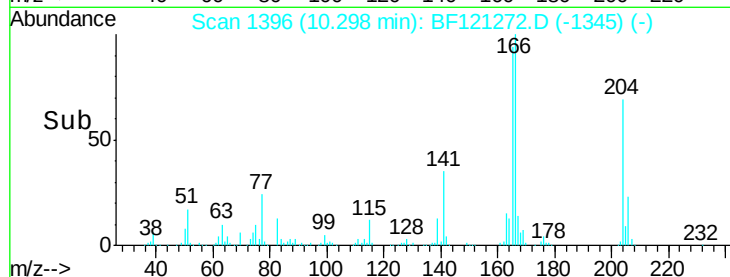
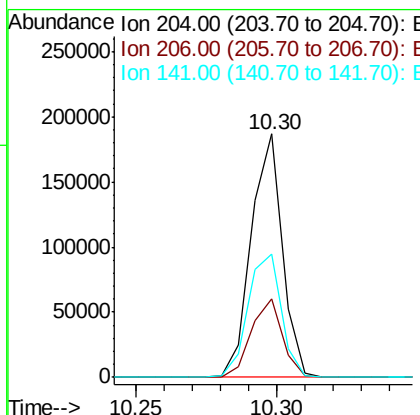
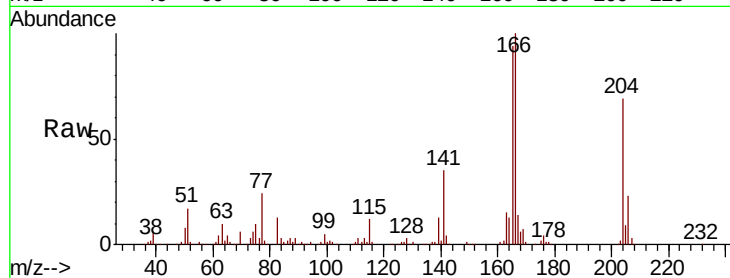




#61
 4-Chlorophenyl-phenylether
 Concen: 41.171 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

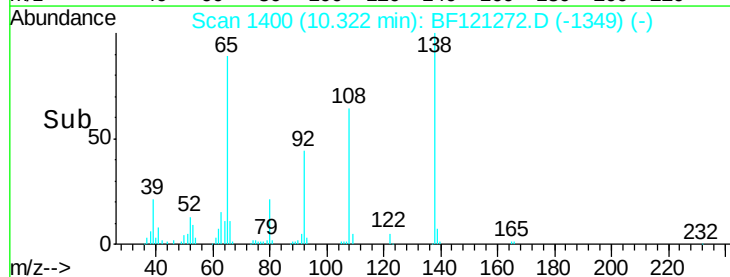
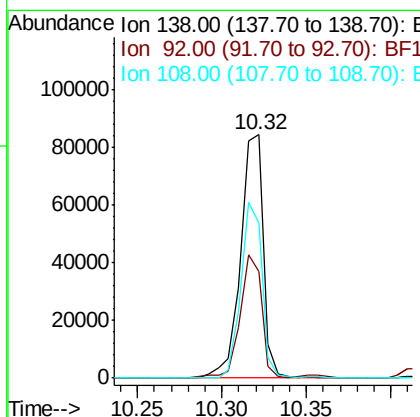
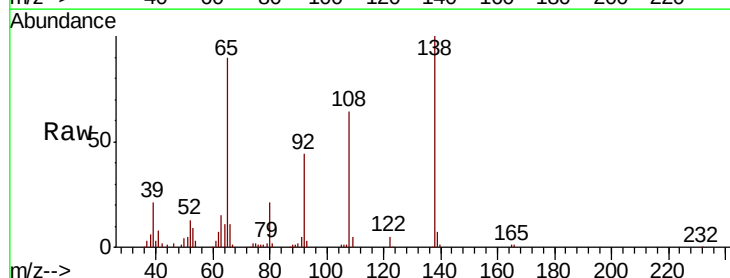
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

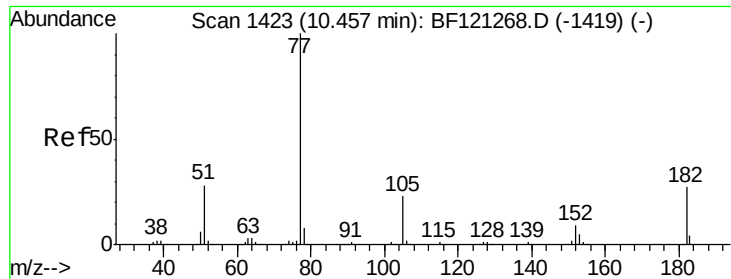
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	50.9	44.2	66.4



#62
 4-Nitroaniline
 Concen: 43.786 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.6	26.9	66.9
108	63.6	48.1	88.1

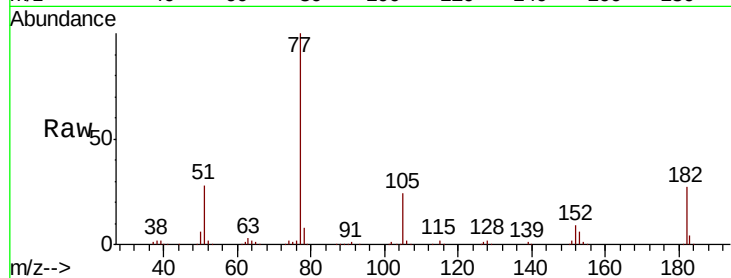




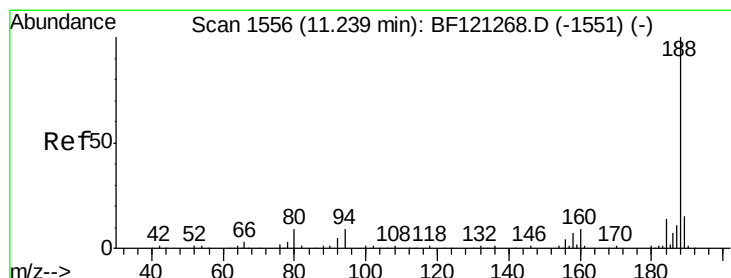
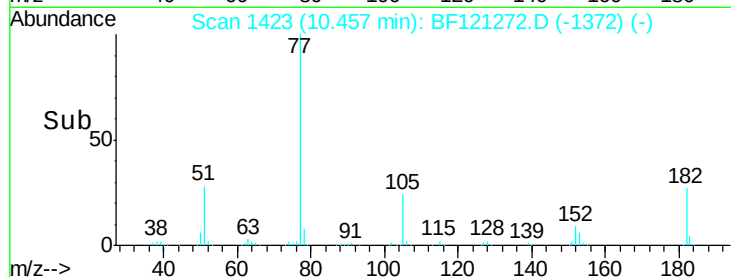
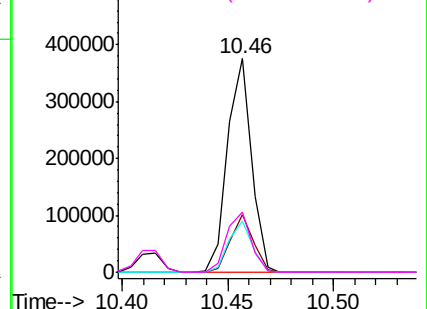
#63
Azobenzene
Concen: 40.855 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion:	77	Resp:	294994
Ion	Ratio	Lower	Upper
77	100		
182	26.9	3.8	43.8
105	24.1	2.9	42.9
51	28.2	8.3	48.3

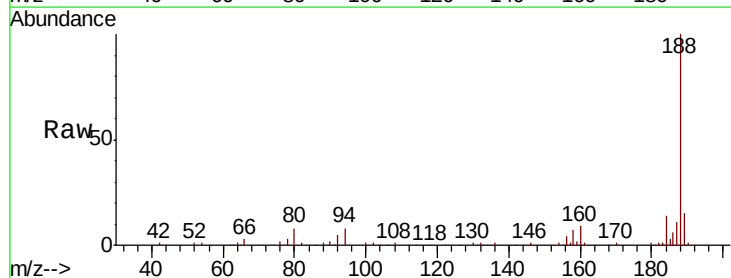


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

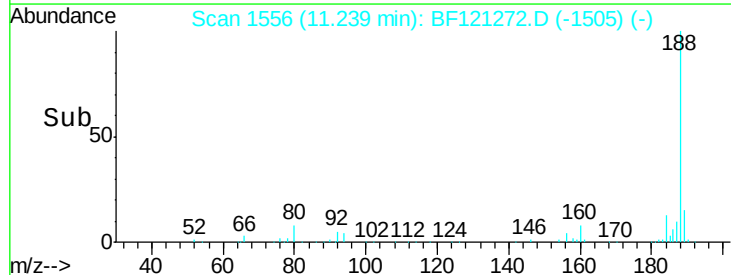
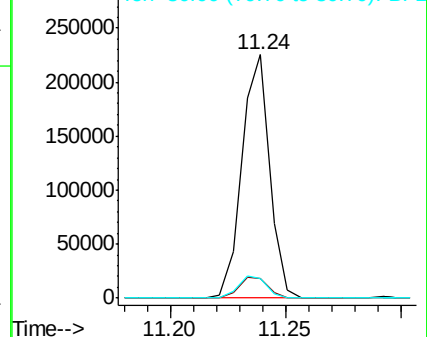


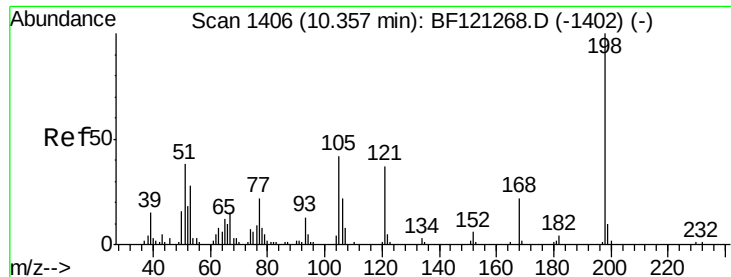
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion:	188	Resp:	188212
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	8.3	7.4	11.0



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

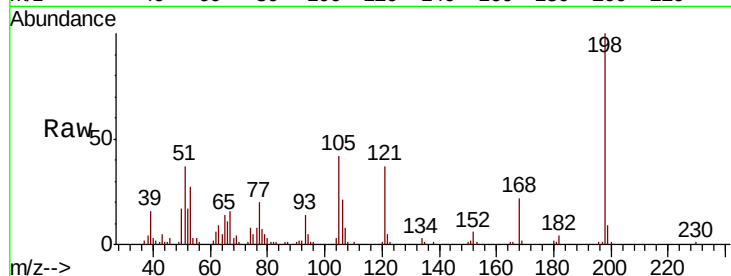




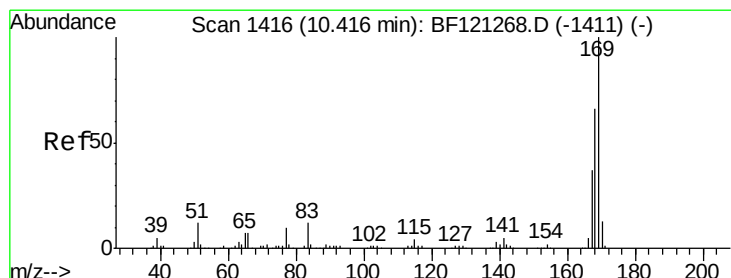
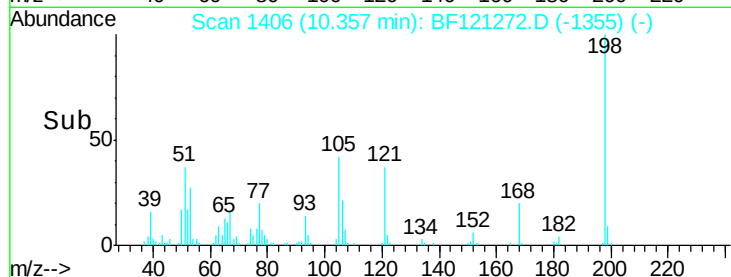
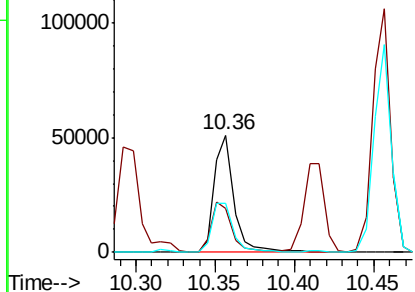
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.596 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:198 Resp: 44788
 Ion Ratio Lower Upper
 198 100
 51 37.0 29.1 69.1
 105 42.3 28.3 68.3

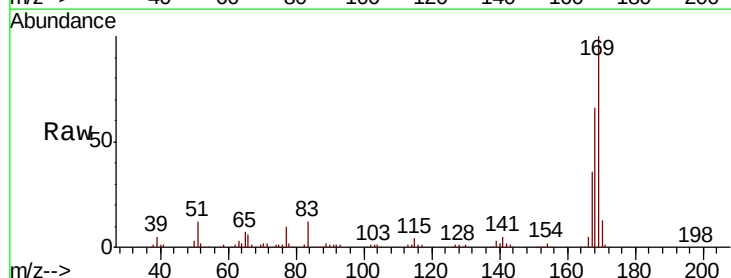


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

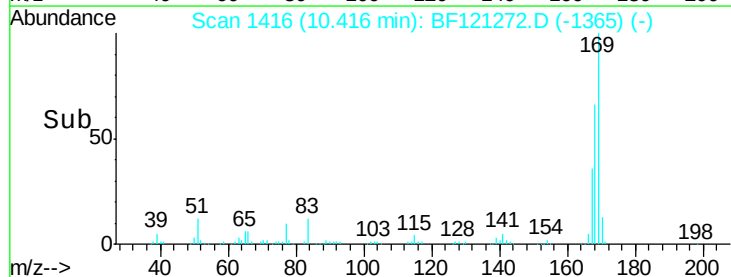
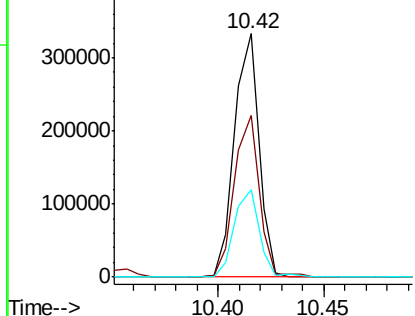


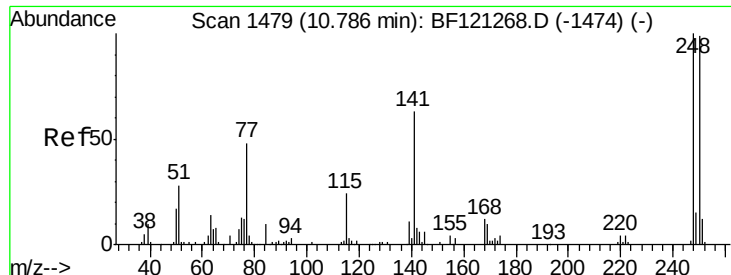
#66
 n-Nitrosodiphenylamine
 Concen: 41.394 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:169 Resp: 267142
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.2 79.8
 167 35.8 29.2 43.8



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

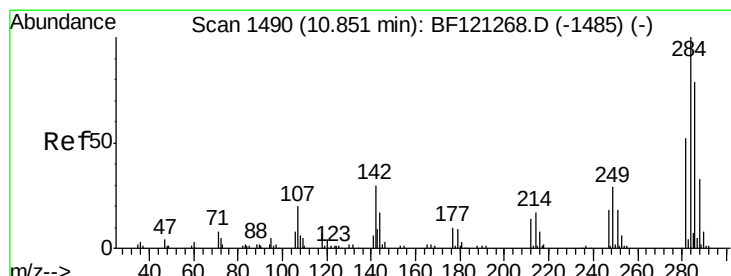
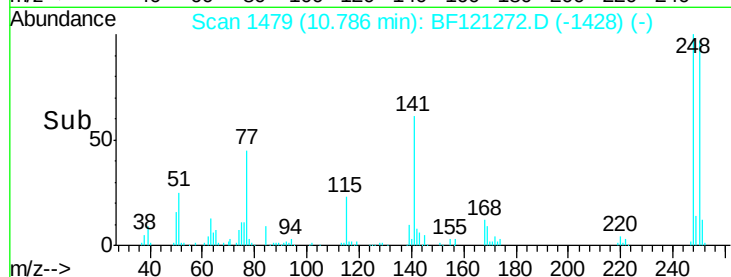
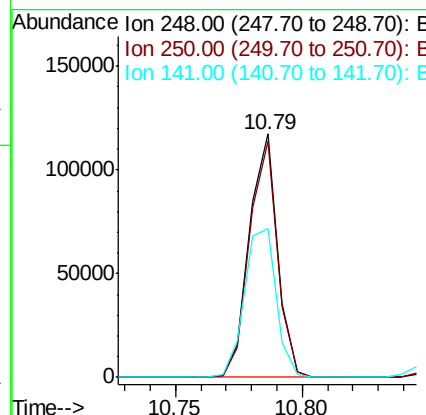
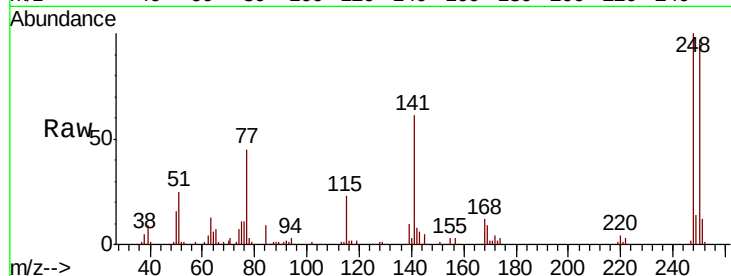




#67
 4-Bromophenyl-phenylether
 Concen: 41.337 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

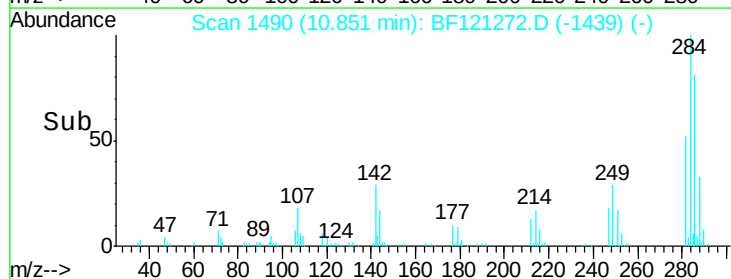
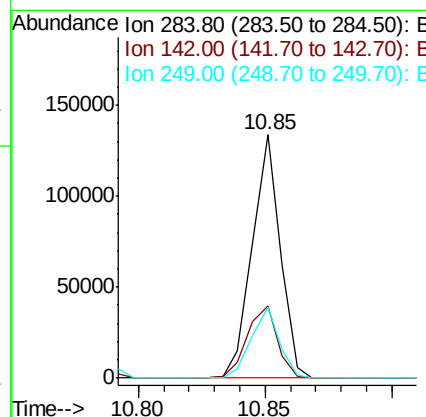
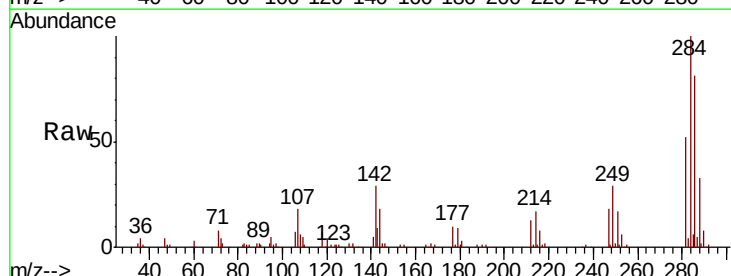
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

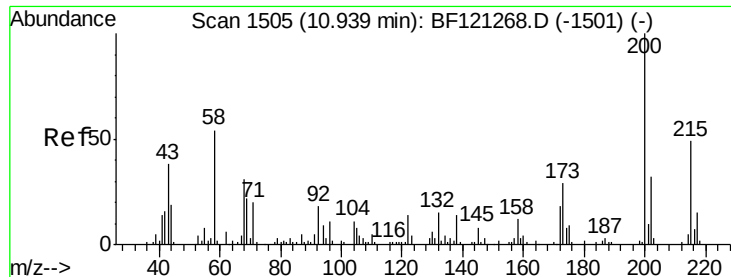
Tot Ion:248 Resp: 90753
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.7 116.5
 141 61.1 53.4 80.2



#68
 Hexachlorobenzene
 Concen: 41.231 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:284 Resp: 103221
 Ion Ratio Lower Upper
 284 100
 142 29.4 26.5 39.7
 249 28.9 23.8 35.6

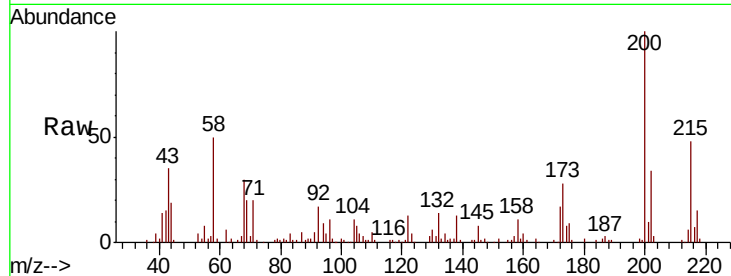




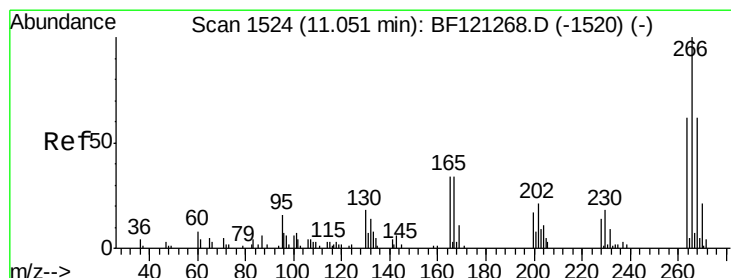
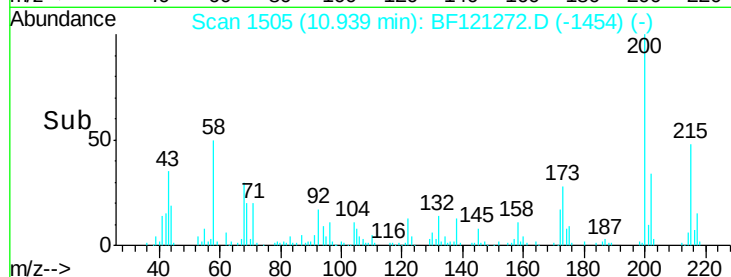
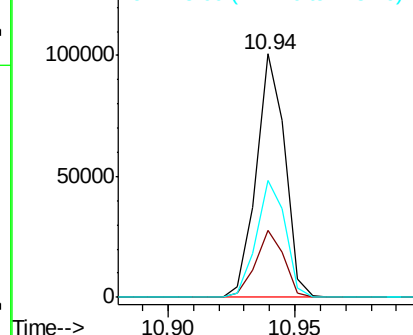
#69
Atrazine
Concen: 41.067 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion:200 Resp: 79274
Ion Ratio Lower Upper
200 100
173 27.6 7.7 47.7
215 47.8 28.9 68.9

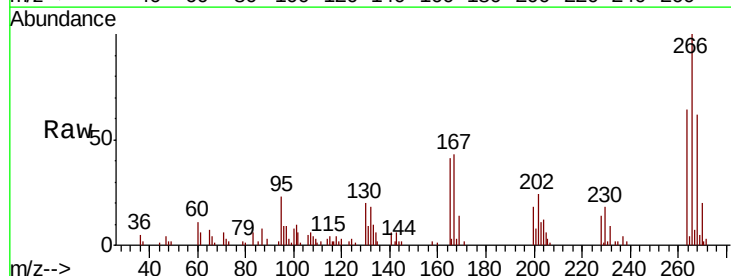


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

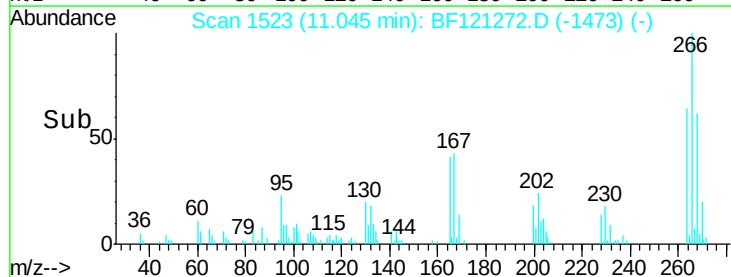
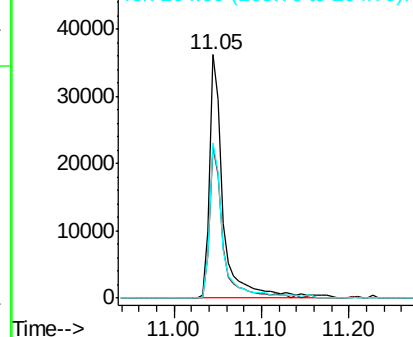


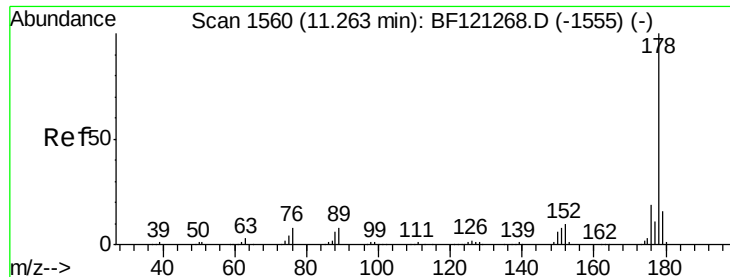
#70
Pentachlorophenol
Concen: 39.363 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion:266 Resp: 39991
Ion Ratio Lower Upper
266 100
268 62.4 51.0 76.4
264 63.7 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

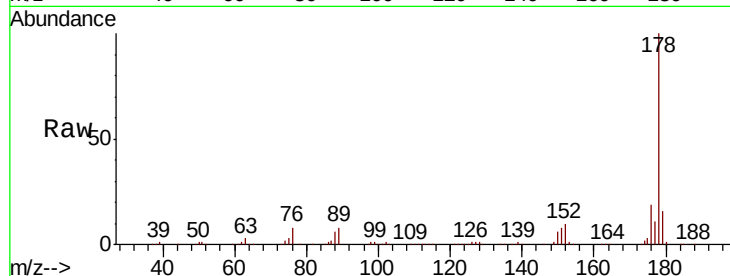




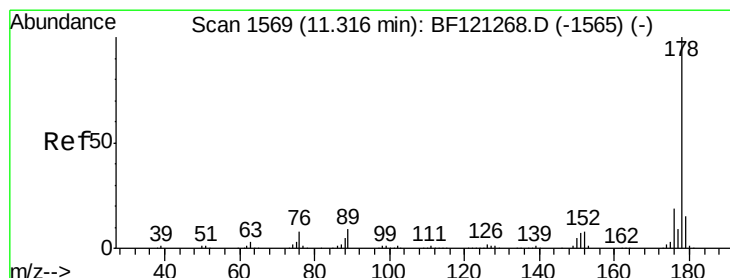
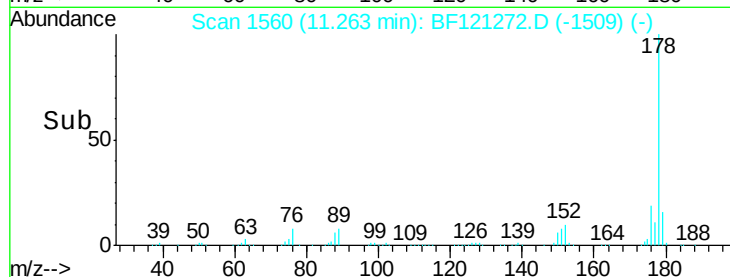
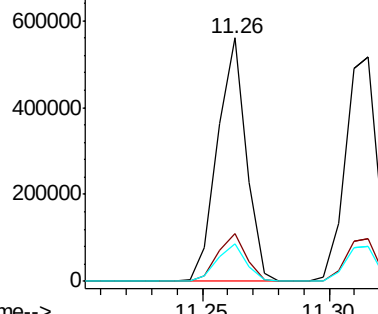
#71
 Phenanthrene
 Concen: 41.099 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion:178 Resp: 442527
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.6 12.6 19.0

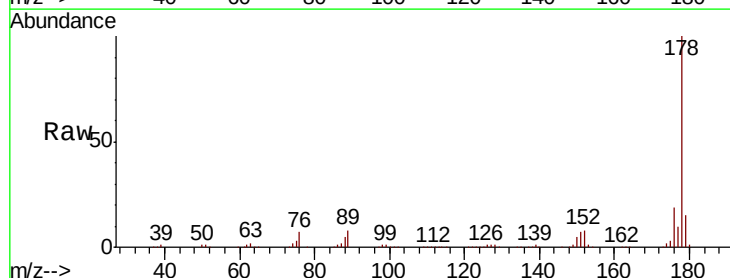


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

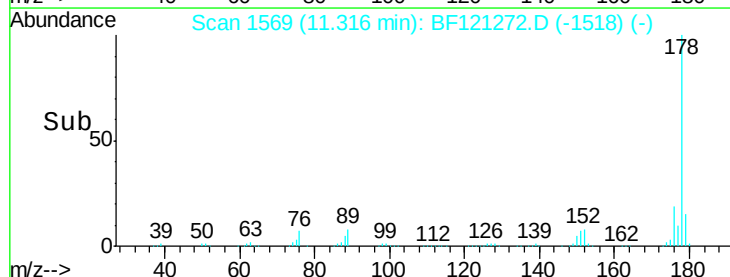
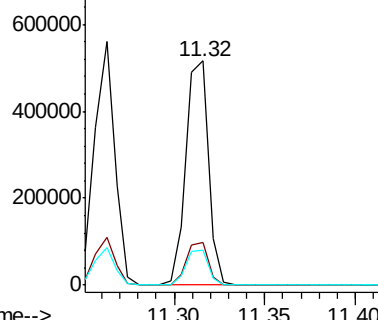


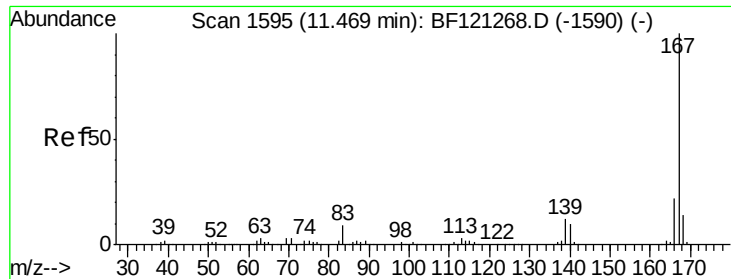
#72
 Anthracene
 Concen: 41.491 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:178 Resp: 448323
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

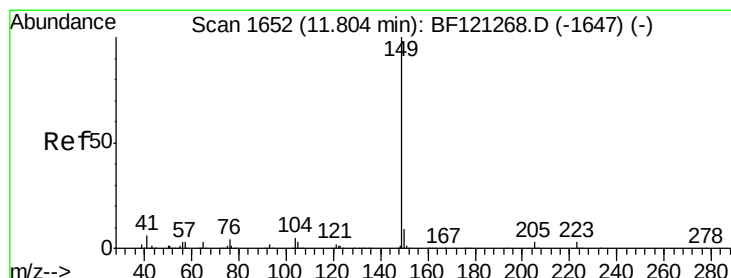
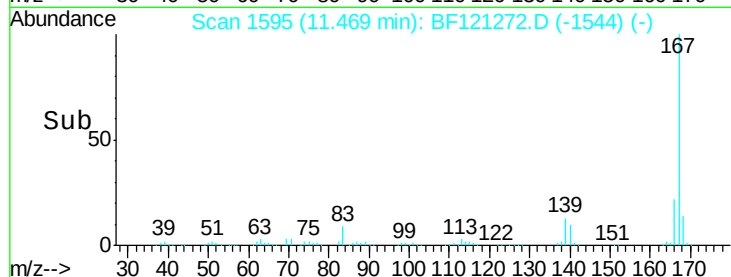
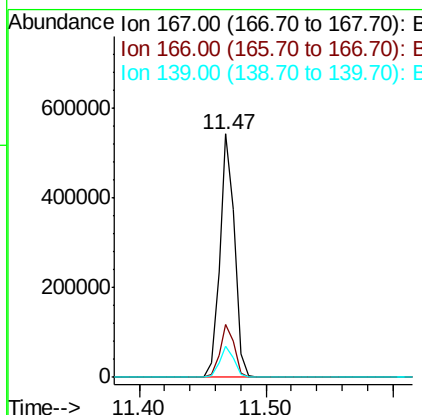
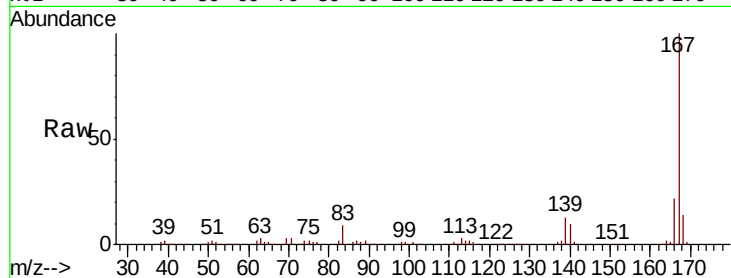




#73
 Carbazole
 Concen: 41.542 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

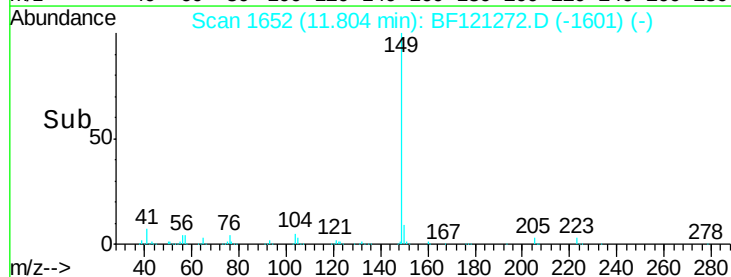
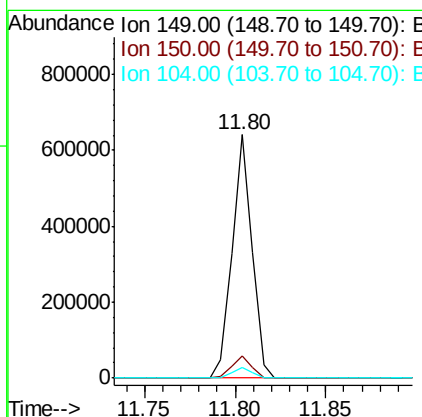
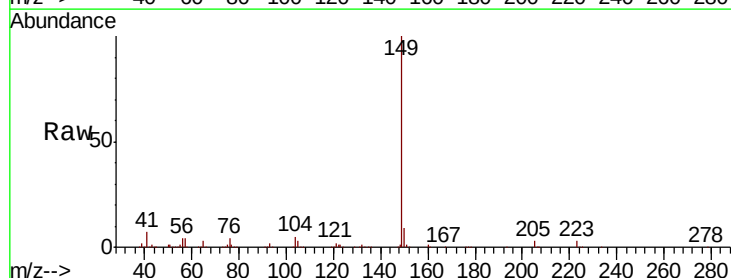
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

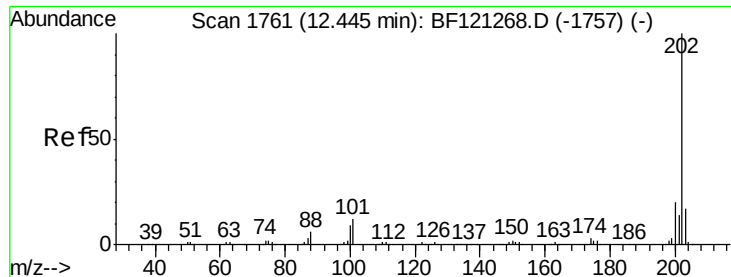
Tot Ion:167 Resp: 438993
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.184 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion:149 Resp: 491238
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.6 3.7 5.5

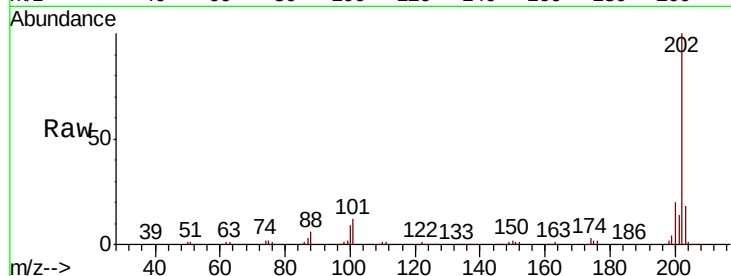




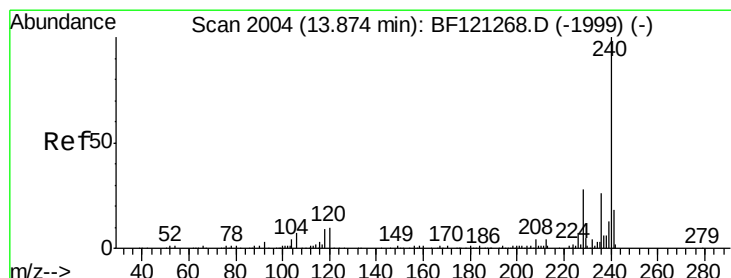
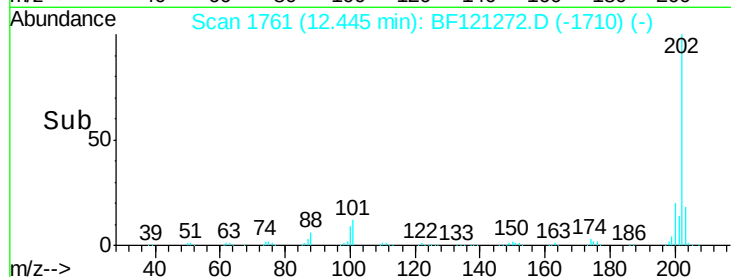
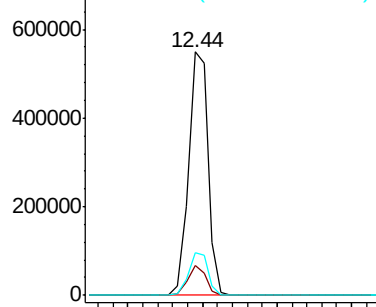
#75
 Fluoranthene
 Concen: 42.068 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.6
203	17.7	0.0	38.0

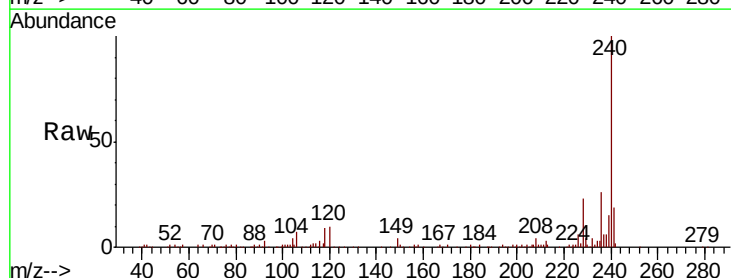


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

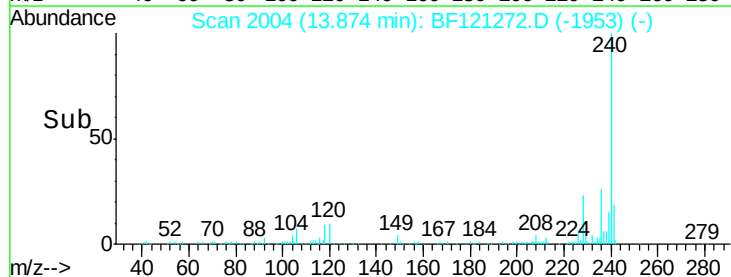
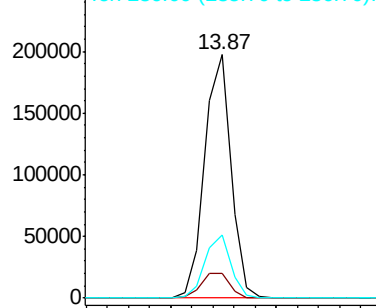


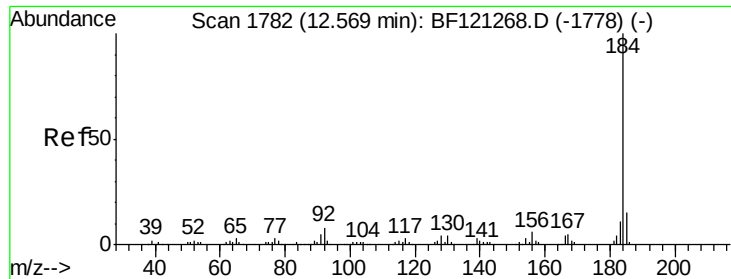
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.8	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.143 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

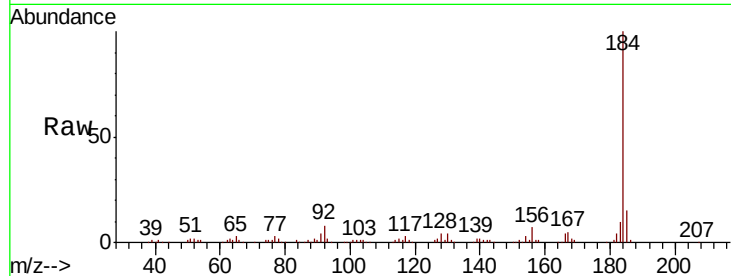
BNA_F

ClientSampleId :

ICVBF081320

Tot Ion:184 Resp: 196347

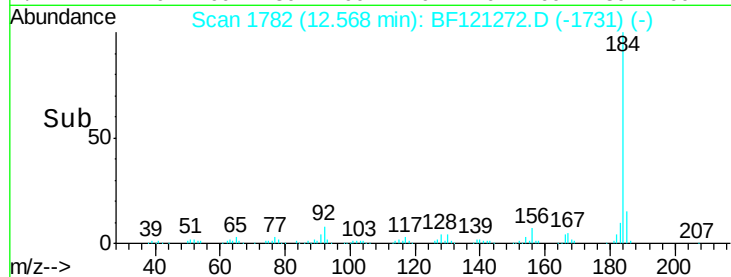
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	10.4	8.3	12.5



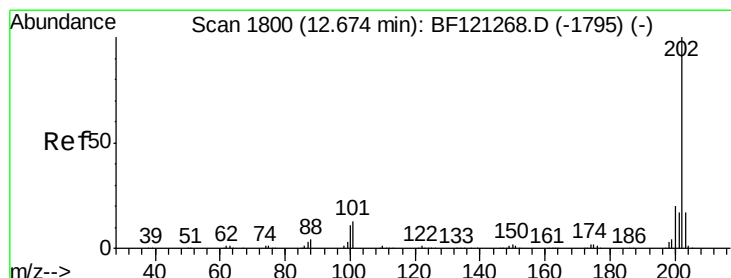
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.60 12.70



#78

Pyrene

Concen: 41.209 ng

RT: 12.67 min Scan# 1800

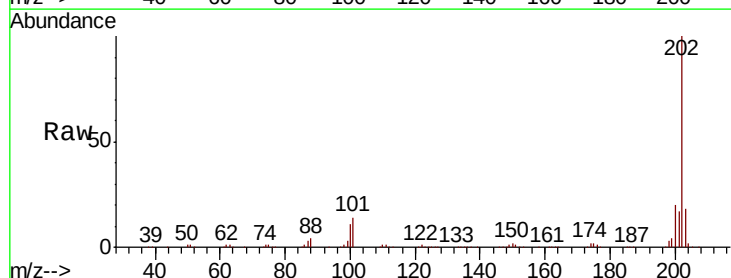
Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Tgt Ion:202 Resp: 519224

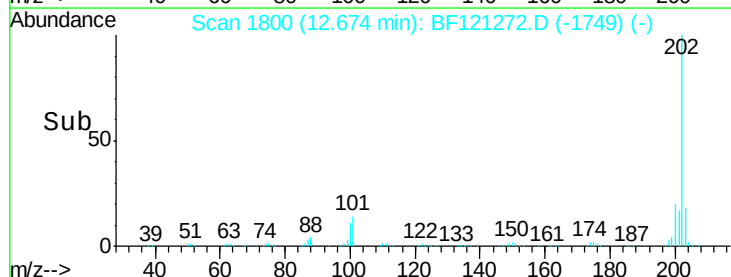
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.7	13.8	20.8



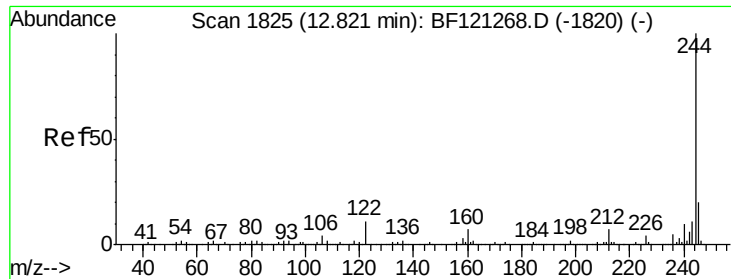
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.65 12.70 12.75



#79

Terphenyl-d14

Concen: 81.532 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

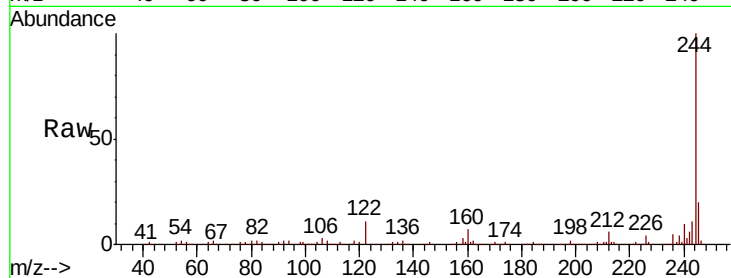
Tot Ion:244 Resp: 707671

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

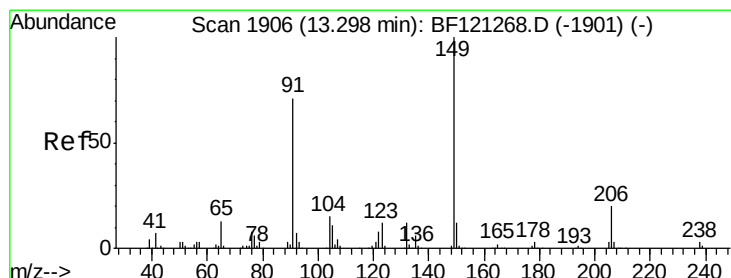
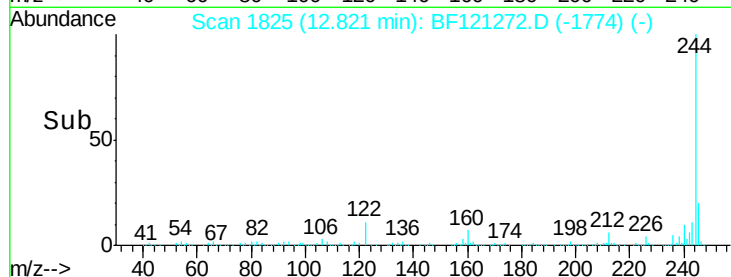
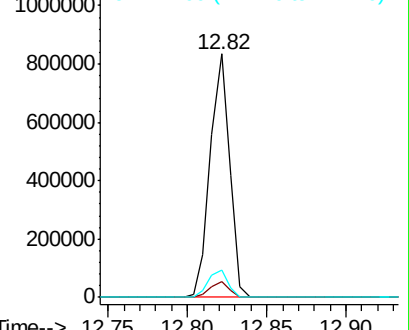
122 11.0 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.580 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

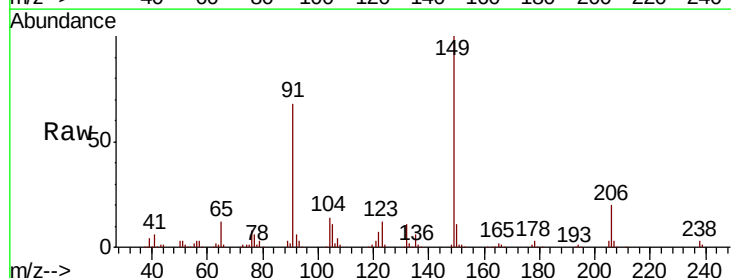
Tgt Ion:149 Resp: 219146

Ion Ratio Lower Upper

149 100

91 67.7 55.4 83.2

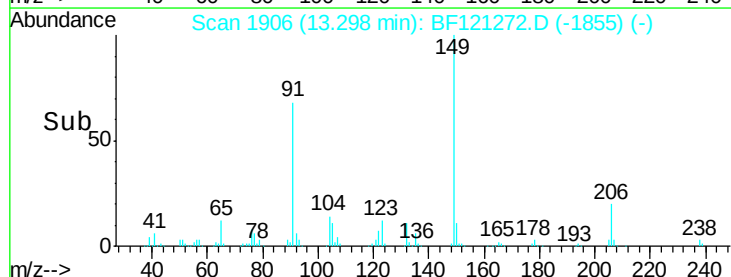
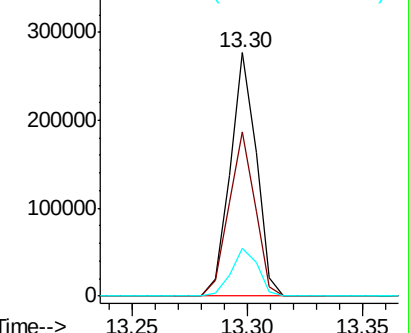
206 19.9 16.0 24.0

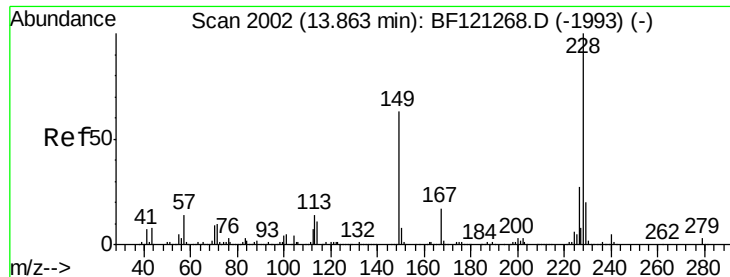


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.788 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

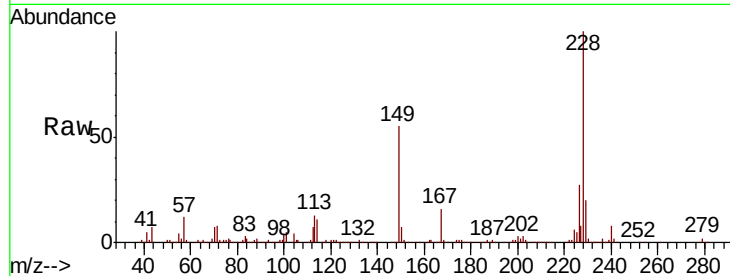
Tot Ion:228 Resp: 479548

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

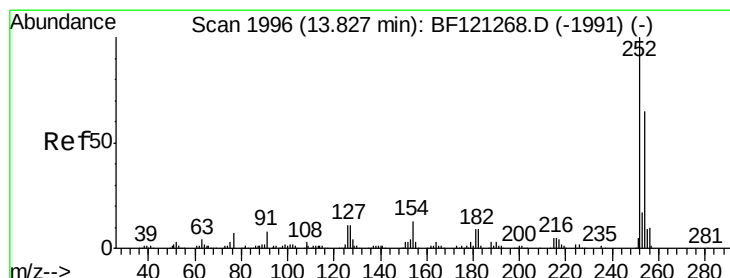
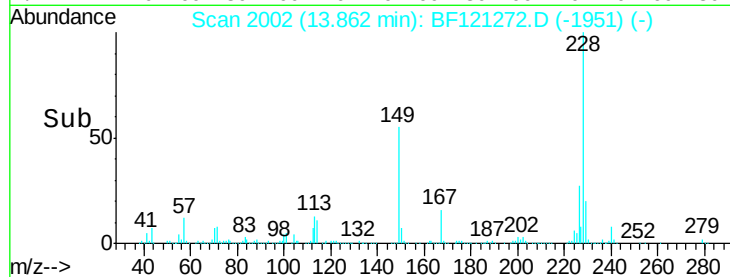
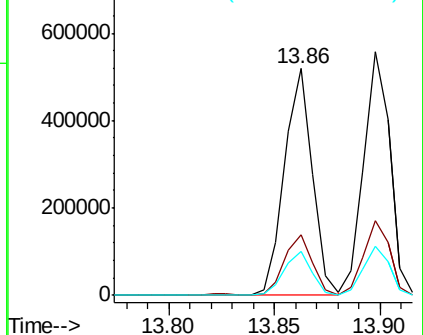
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.471 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

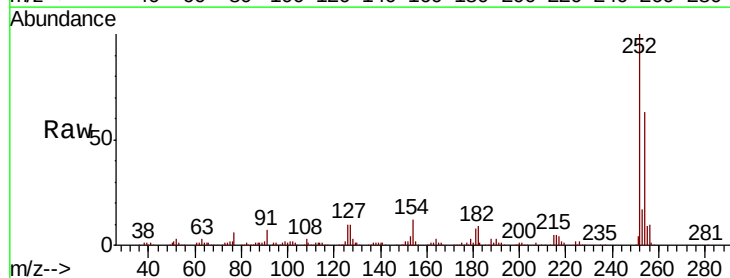
Tgt Ion:252 Resp: 197926

Ion Ratio Lower Upper

252 100

254 63.3 51.4 77.2

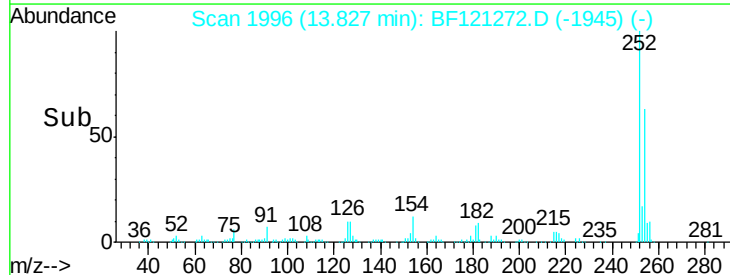
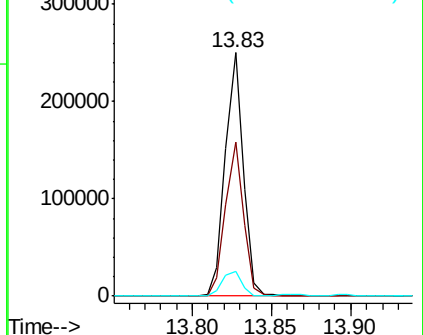
126 10.3 9.7 14.5

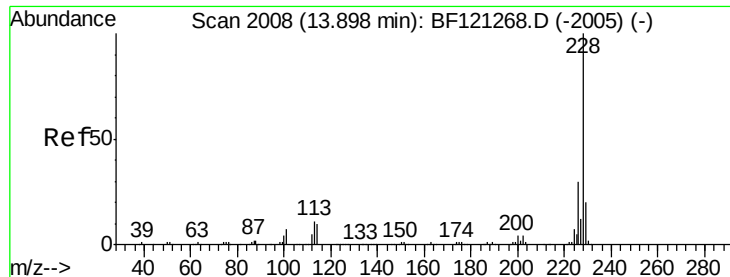


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.288 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

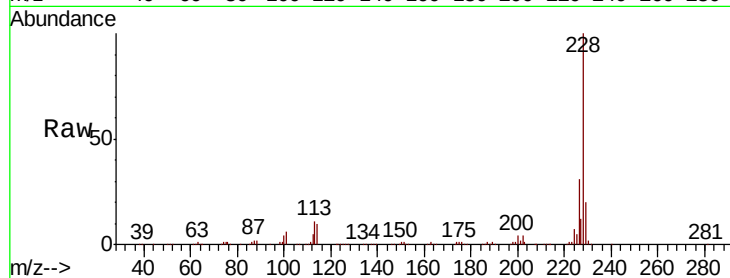
Tot Ion:228 Resp: 483751

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

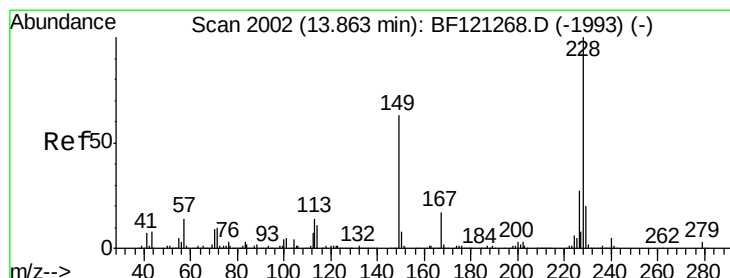
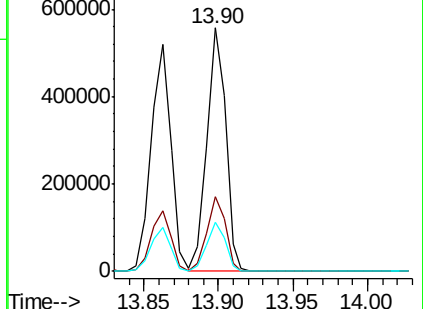
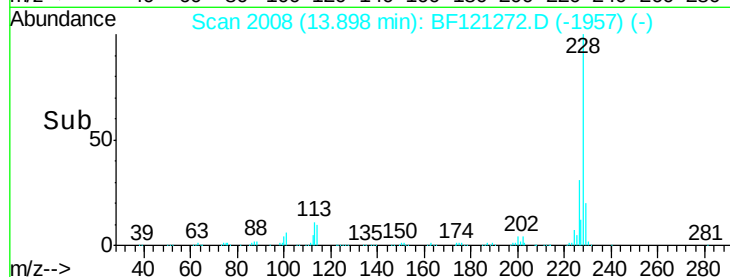
229 20.4 16.2 24.2



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: 41.755 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

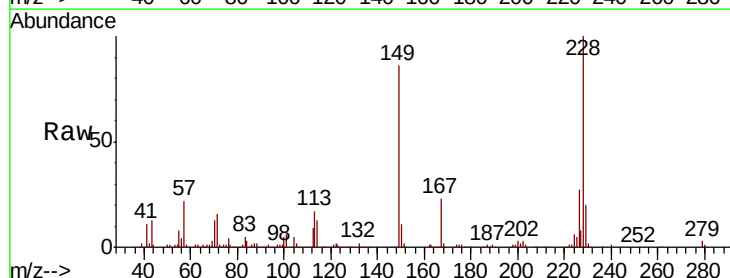
Tgt Ion:149 Resp: 296199

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

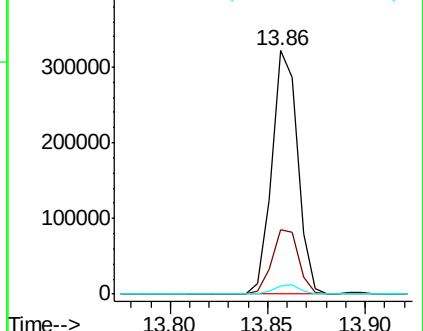
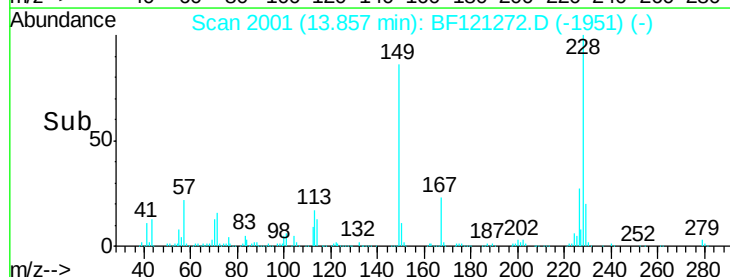
279 3.4 3.4 5.0

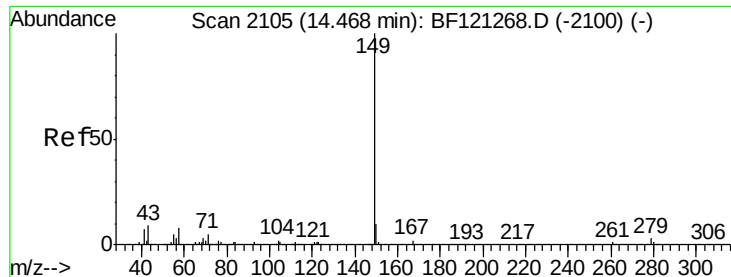


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.846 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

Instrument :

BNA_F

ClientSampleId :

ICVBF081320

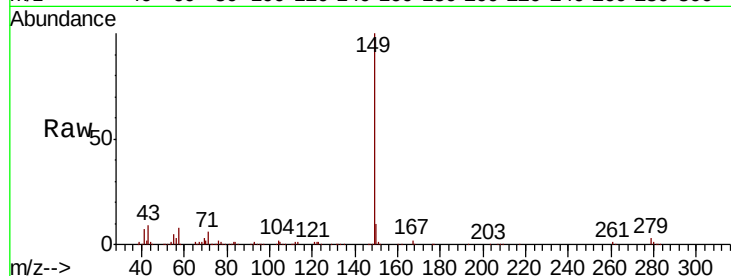
Tot Ion:149 Resp: 544262

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

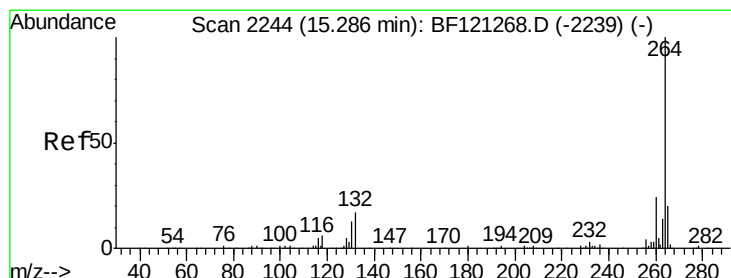
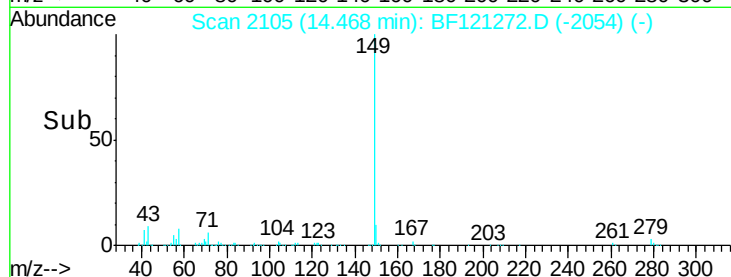
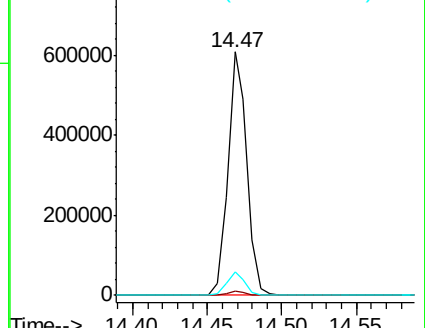
43 9.2 7.4 11.0



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: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF121272.D

Acq: 13 Aug 2020 15:49

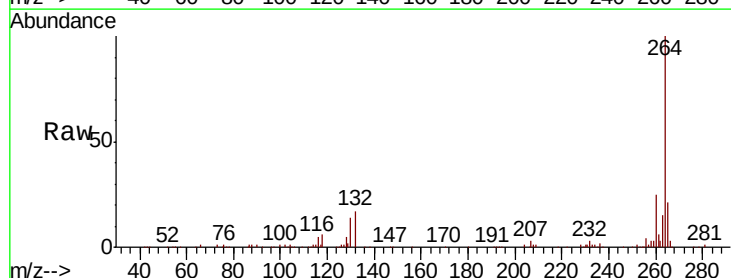
Tgt Ion:264 Resp: 183236

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

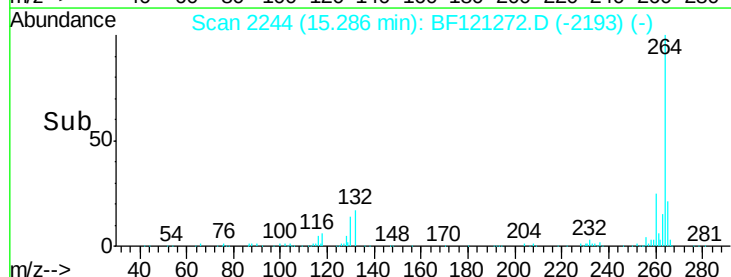
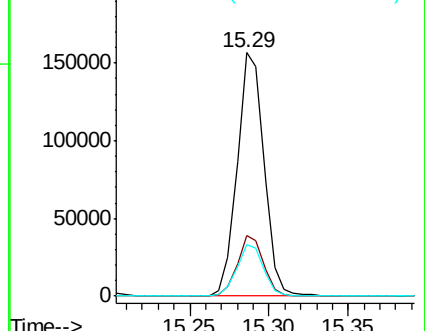
265 21.4 17.1 25.7

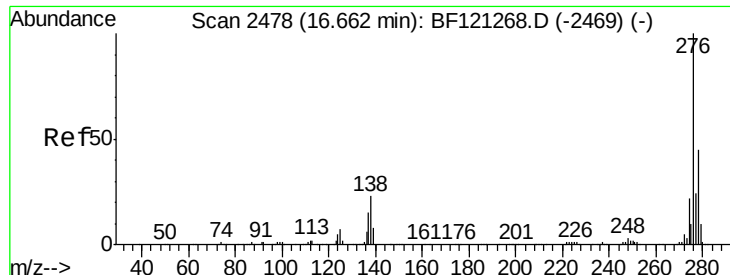


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

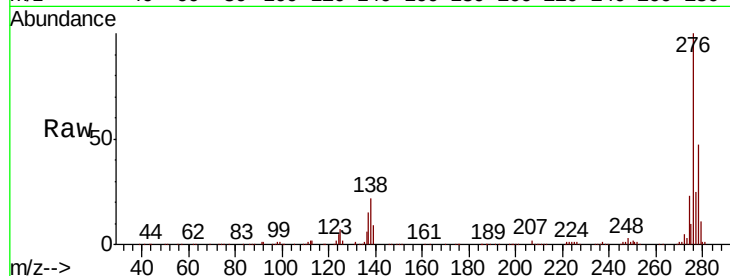




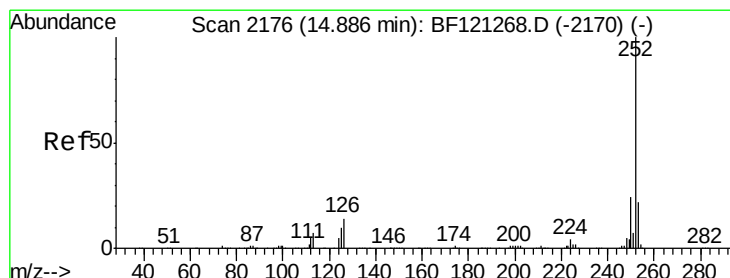
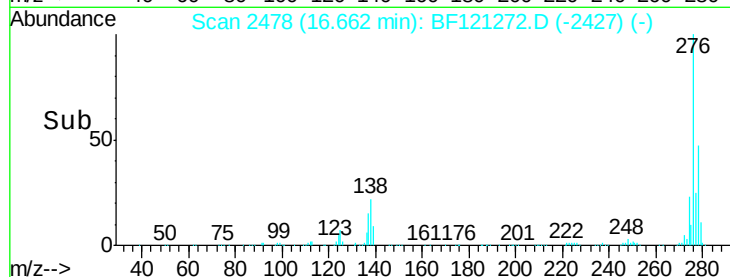
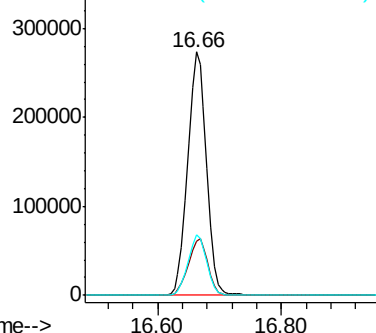
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.334 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081320

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	24.8	20.0	30.0

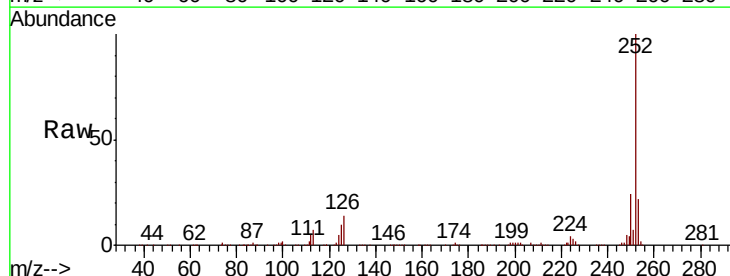


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

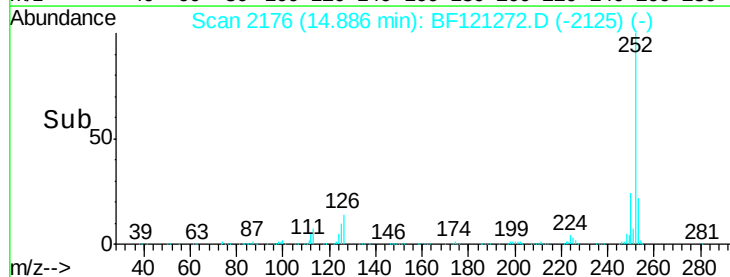
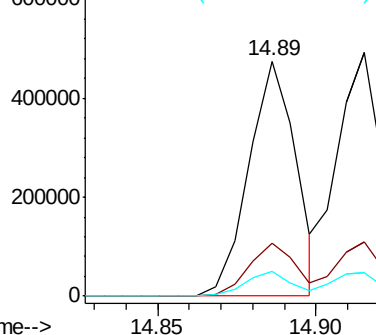


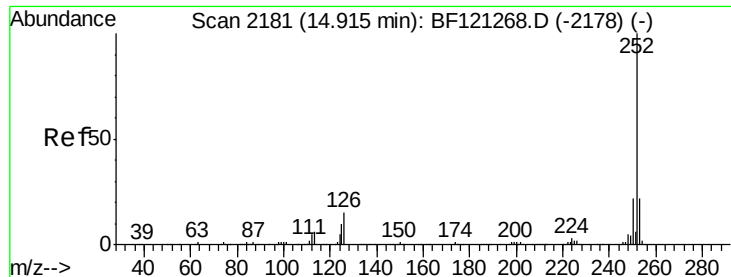
#88
 Benzo(b)fluoranthene
 Concen: 40.065 ng
 RT: 14.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BF121272.D
 Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.5	7.6	11.4



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

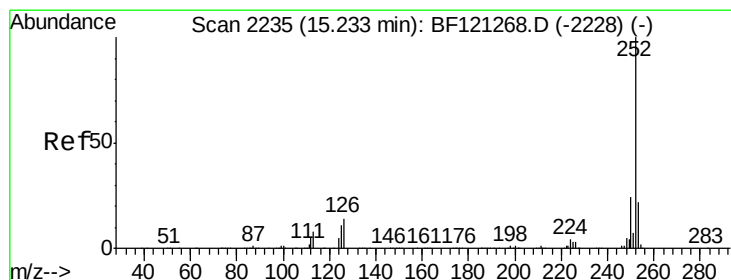
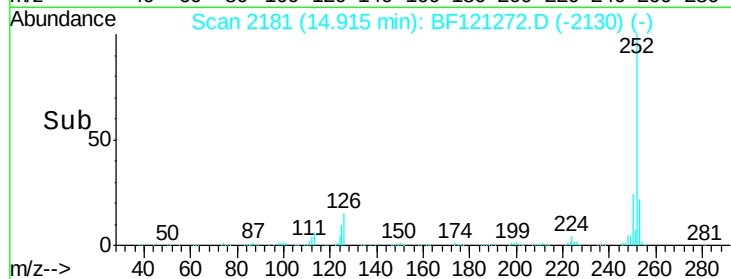
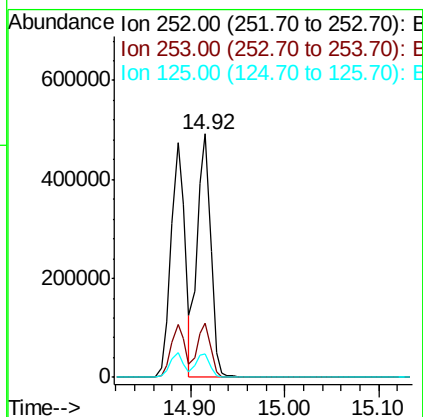
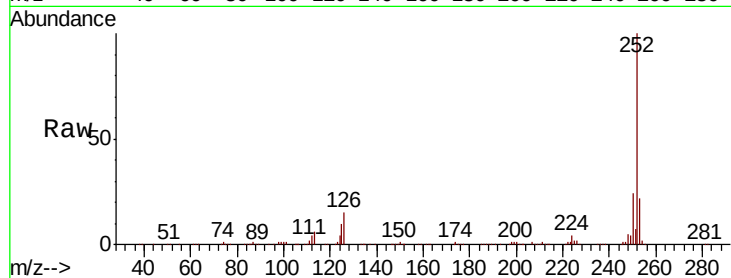




#89
Benzo(k)fluoranthene
Concen: 43.133 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

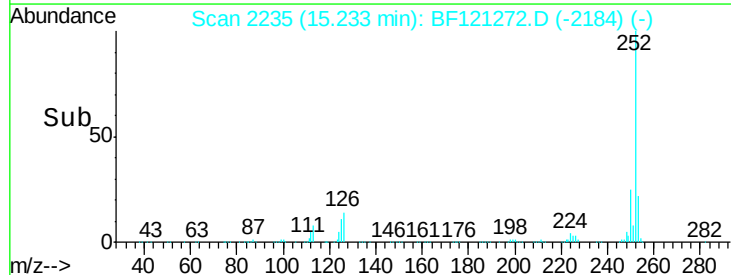
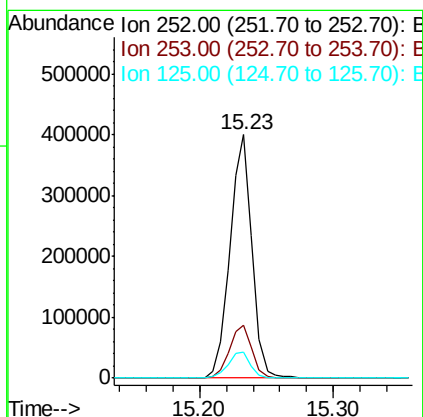
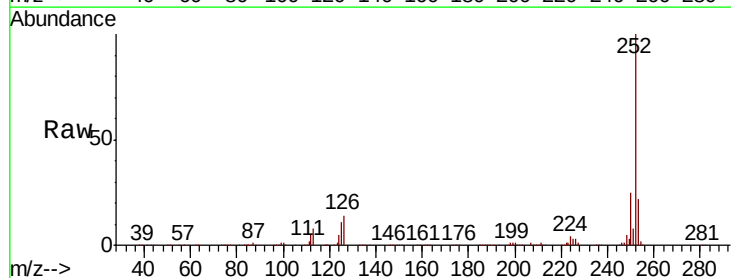
Instrument :
BNA_F
ClientSampleId :
ICVBF081320

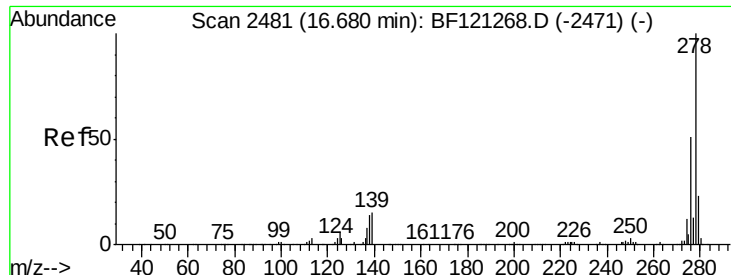
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	8.8	13.2



#90
Benzo(a)pyrene
Concen: 41.727 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.5	9.3	13.9

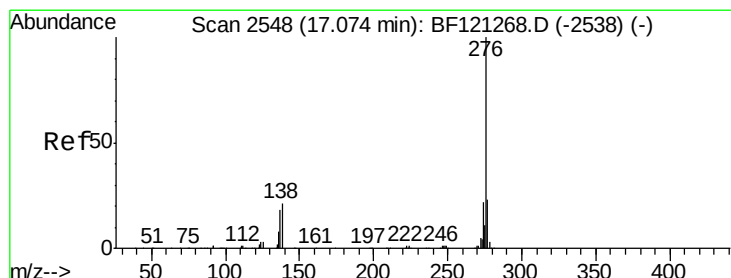
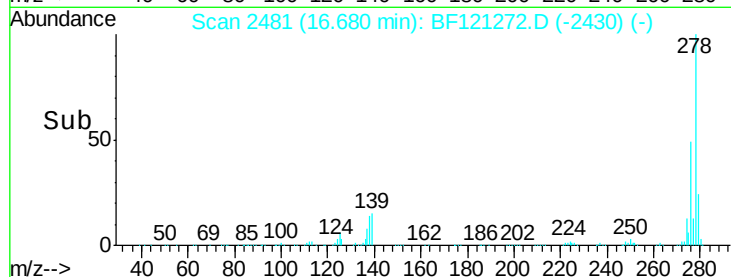
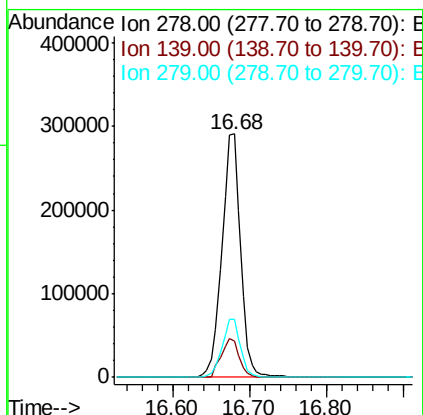
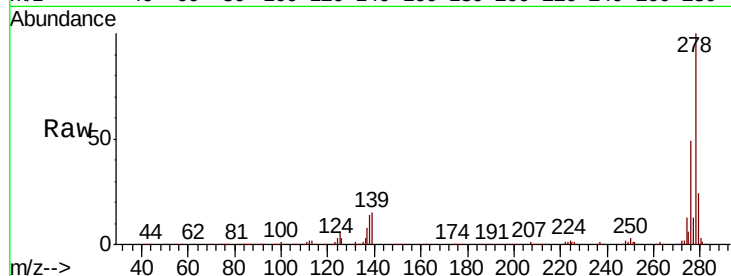




#91
Dibenzo(a,h)anthracene
Concen: 42.054 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Instrument :
BNA_F
ClientSampleId :
ICVBF081320

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	23.6	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 42.209 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF121272.D
Acq: 13 Aug 2020 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	20.0	16.2	24.2

