

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121225.D
 Acq On : 7 Aug 2020 10:33
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 07 11:10:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138870	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	485316	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	249044	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	476130	20.00	ng	0.00
76) Chrysene-d12	13.97	240	353297	20.00	ng	0.00
86) Perylene-d12	15.42	264	320384	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	664500	78.44	ng	0.00
7) Phenol-d6	6.44	99	816832	74.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	694464	82.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	221160	81.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1215813	72.89	ng	0.00
79) Terphenyl-d14	12.91	244	1327072	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	160283	41.113	ng	99
3) Pyridine	3.23	79	420465	40.542	ng	99
4) n-Nitrosodimethylamine	3.19	42	168234	37.935	ng	93
6) Aniline	6.46	93	486311	34.047	ng	99
8) 2-Chlorophenol	6.59	128	362661	38.862	ng	99
9) Benzaldehyde	6.35	77	202733	37.643	ng	99
10) Phenol	6.45	94	431797	35.873	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	350630	38.009	ng	98
12) 1,3-Dichlorobenzene	6.74	146	395743	39.109	ng	99
13) 1,4-Dichlorobenzene	6.82	146	396376	39.393	ng	99
14) 1,2-Dichlorobenzene	6.97	146	368374	38.698	ng	99
15) Benzyl Alcohol	6.95	79	274796	35.511	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	493874	37.143	ng	95
17) 2-Methylphenol	7.06	107	304222	36.781	ng	99
18) Hexachloroethane	7.31	117	145167	39.861	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	217767	34.998	ng	97
20) 3+4-Methylphenols	7.22	107	359811	34.197	ng	# 90
22) Acetophenone	7.21	105	437607	40.177	ng	# 98
24) Nitrobenzene	7.38	77	369451	40.869	ng	96
25) Isophorone	7.62	82	650506	38.861	ng	98
26) 2-Nitrophenol	7.70	139	191227	44.540	ng	98
27) 2,4-Dimethylphenol	7.74	122	276604	39.681	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	409714	40.097	ng	99
29) 2,4-Dichlorophenol	7.95	162	293321	41.179	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	324039	41.003	ng	99
31) Naphthalene	8.10	128	989045	39.730	ng	99
32) Benzoic acid	7.87	122	106667	20.385	ng	96
33) 4-Chloroaniline	8.15	127	437626	39.407	ng	97
34) Hexachlorobutadiene	8.22	225	192182	41.252	ng	99
35) Caprolactam	8.54	113	91546	40.077	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	298396	40.846	ng	96
37) 2-Methylnaphthalene	8.79	142	651648	40.315	ng	100
38) 1-Methylnaphthalene	8.89	142	612525	40.011	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	306098	42.185	ng	100

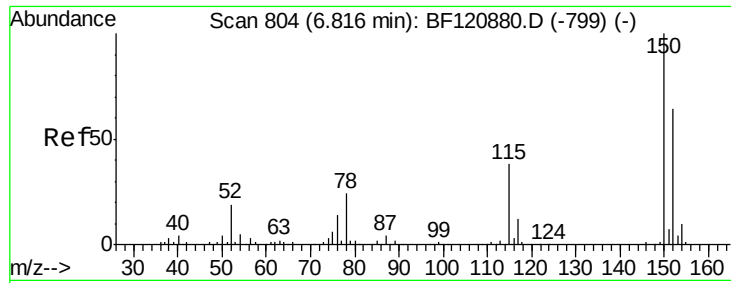
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	159541	39.783	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	198077	38.771	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	225641	38.936	nq	98
46) 1,1'-Biphenyl	9.26	154	773326	40.708	nq	98
47) 2-Chloronaphthalene	9.29	162	624703	40.334	nq	100
48) 2-Nitroaniline	9.39	65	200143	42.759	nq	97
49) Acenaphthylene	9.70	152	969974	40.312	nq	99
50) Dimethylphthalate	9.56	163	746315	41.538	nq	99
51) 2,6-Dinitrotoluene	9.63	165	163858	42.450	nq	100
52) Acenaphthene	9.87	154	570218	37.275	nq	99
53) 3-Nitroaniline	9.80	138	195594	40.402	nq	98
54) 2,4-Dinitrophenol	9.91	184	77501	38.735	nq	93
55) Dibenzofuran	10.05	168	863448	39.031	nq	97
56) 4-Nitrophenol	9.97	139	152753	41.537	nq	96
57) 2,4-Dinitrotoluene	10.03	165	213025	42.025	nq	# 89
58) Fluorene	10.39	166	663395	40.208	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	163862	37.137	nq	99
60) Diethylphthalate	10.26	149	721101	39.679	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	337079	38.304	nq	96
62) 4-Nitroaniline	10.42	138	195601	41.478	nq	99
63) Azobenzene	10.54	77	681191	39.373	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	110482	40.726	nq	99
66) n-Nitrosodiphenylamine	10.50	169	607694	40.572	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	220825	41.599	nq	97
68) Hexachlorobenzene	10.94	284	239133	41.644	nq	95
69) Atrazine	11.03	200	141338	38.102	nq	99
70) Pentachlorophenol	11.14	266	116993	35.563	nq	99
71) Phenanthrene	11.35	178	975605	39.841	nq	100
72) Anthracene	11.40	178	989859	40.256	nq	99
73) Carbazole	11.56	167	984469	40.343	nq	99
74) Di-n-butylphthalate	11.89	149	1124755	39.941	nq	99
75) Fluoranthene	12.54	202	1077567	39.700	nq	98
77) Benzidine	12.66	184	308323	33.193	nq	99
78) Pyrene	12.77	202	1099165	44.005	nq	99
80) Butylbenzylphthalate	13.39	149	481315	43.226	nq	99
81) Benzo(a)anthracene	13.96	228	933962	43.656	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	329776	40.858	nq	99
83) Chrysene	14.00	228	914627	40.681	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	643126	46.839	nq	# 99
85) Di-n-octyl phthalate	14.56	149	1048687	38.389	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	785405	35.249	nq	100
88) Benzo(b)fluoranthene	15.00	252	866088	44.722	nq	99
89) Benzo(k)fluoranthene	15.03	252	774514	43.853	nq	99
90) Benzo(a)pyrene	15.36	252	748633	42.370	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	641486	35.245	nq	99
92) Benzo(g,h,i)perylene	17.29	276	626103	34.889	nq	100

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

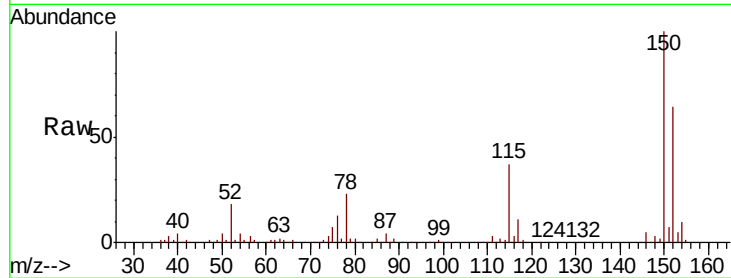


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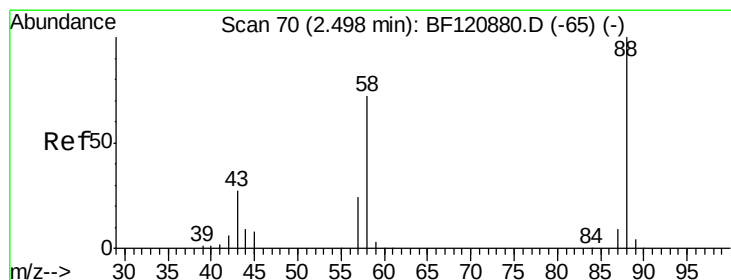
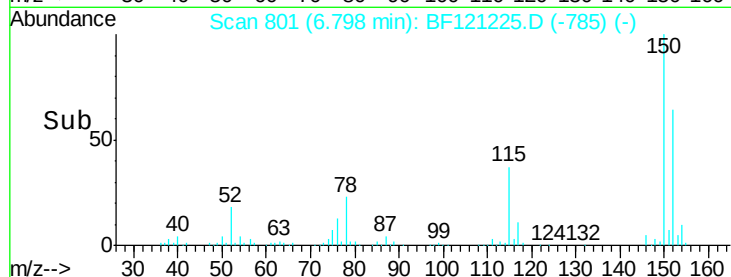
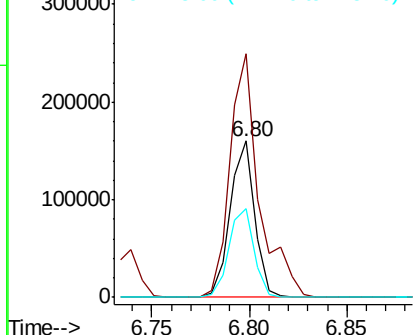
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 138870
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 57.0 46.2 69.2



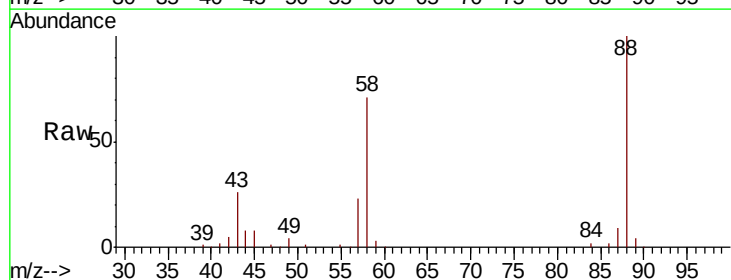
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



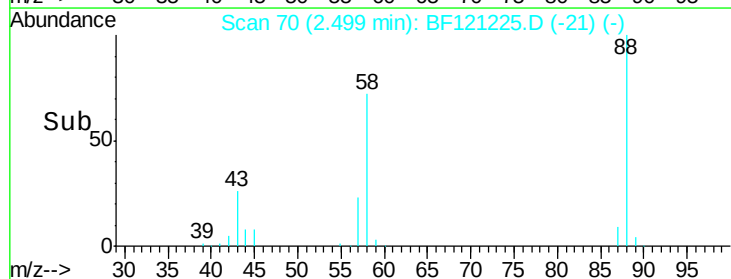
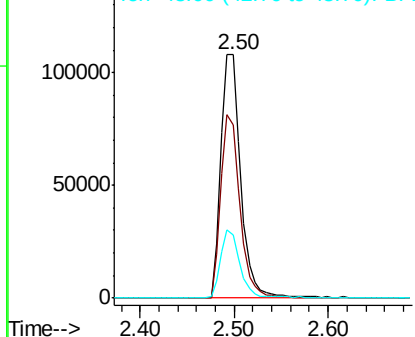
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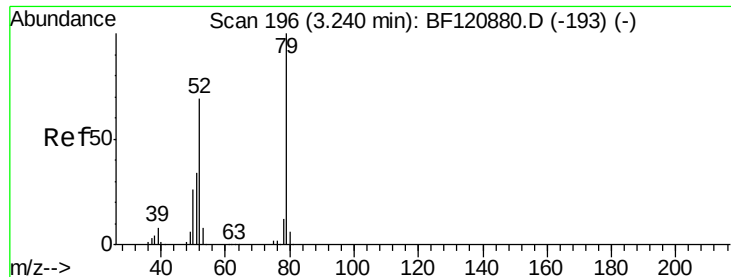
1,4-Dioxane
Concen: 41.113 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion: 88 Resp: 160283
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.4
43 27.4 21.3 31.9



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

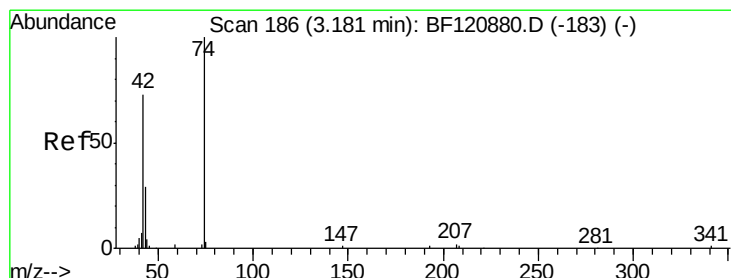
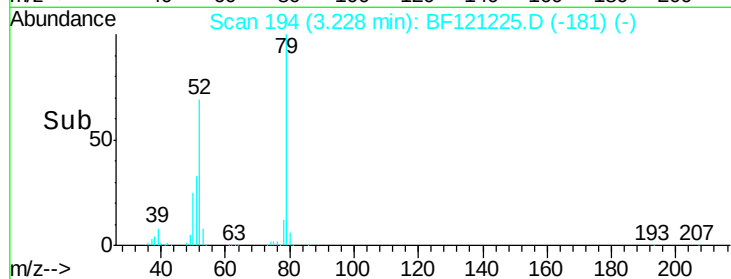
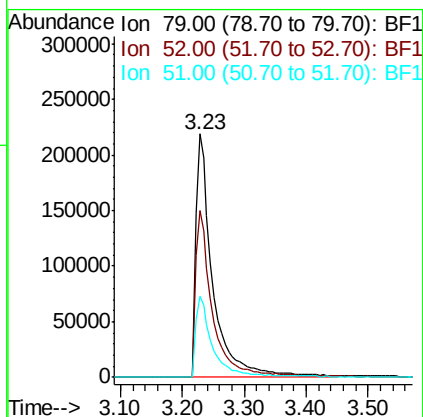
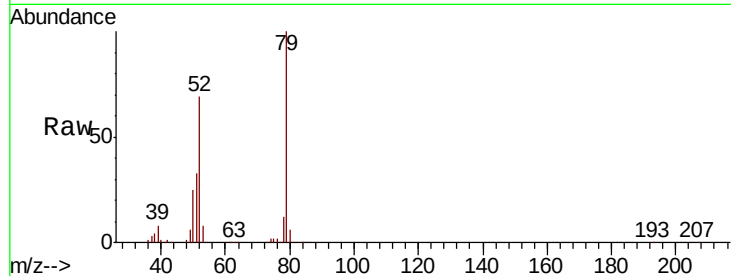




#3
 Pvridine
 Concen: 40.542 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.02 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

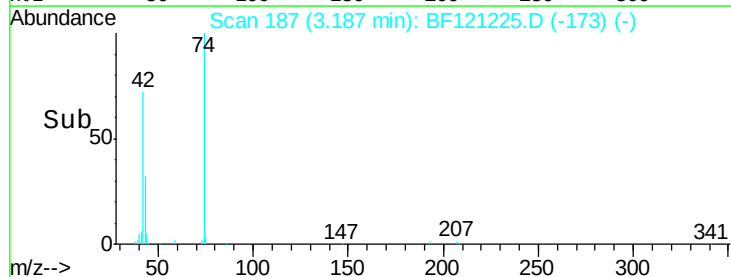
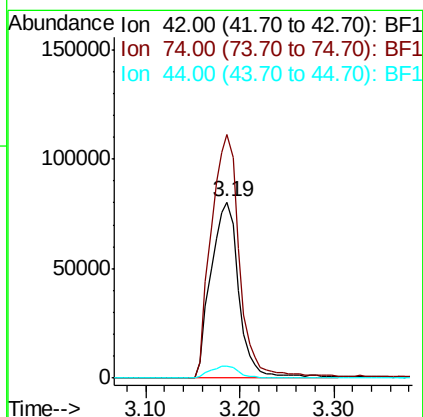
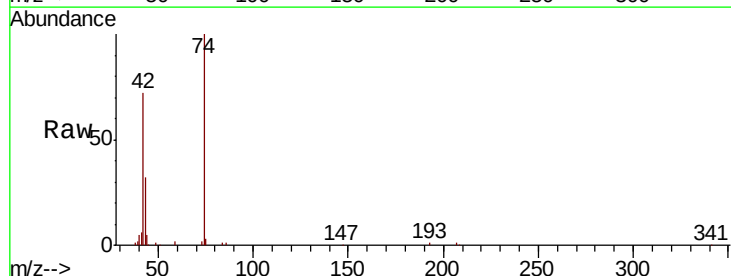
Instrument :
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 ClientSampleId :
 SSTDCCC040

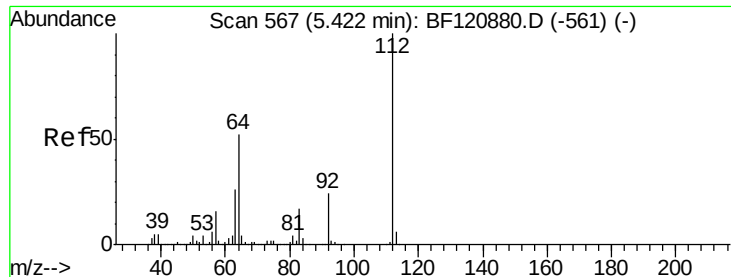
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.9	82.3
51	33.3	27.4	41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.935 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	117.3	175.9
44	7.0	5.9	8.9

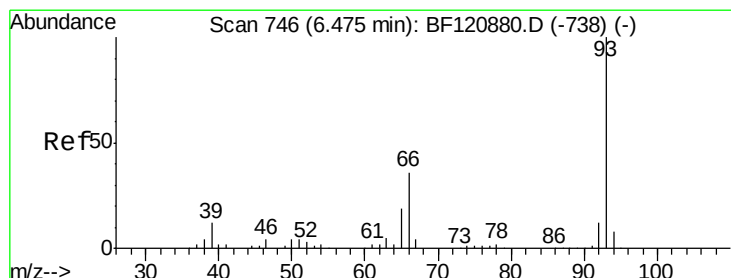
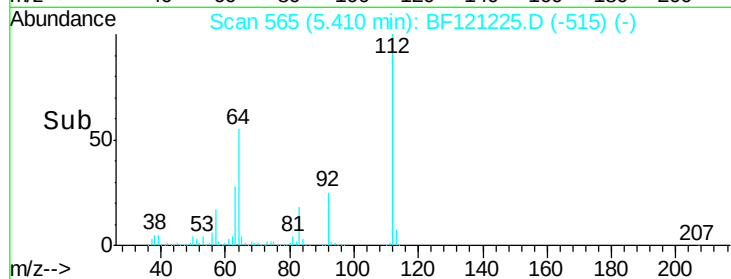
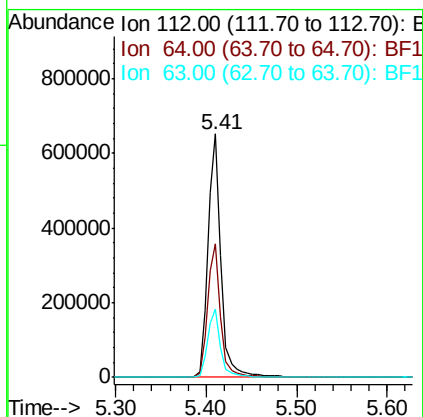
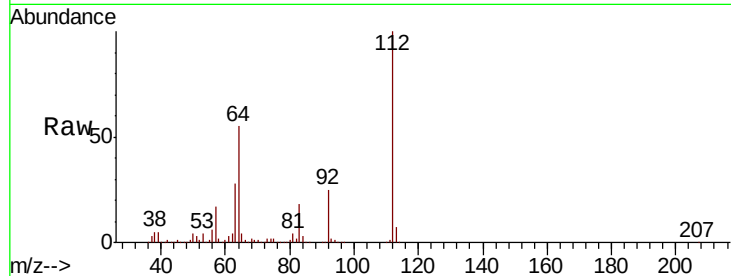




#5
 2-Fluorophenol
 Concen: 78.444 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

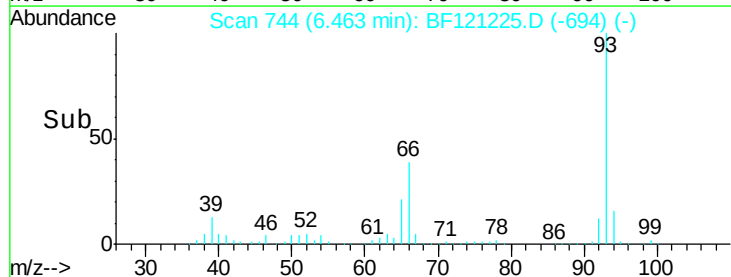
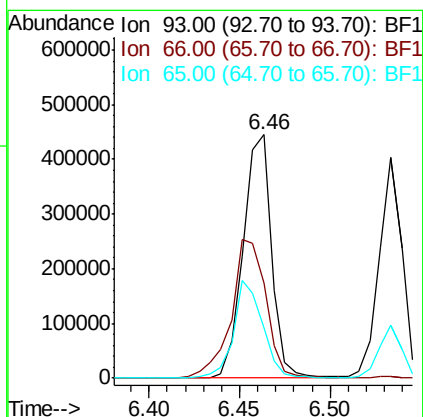
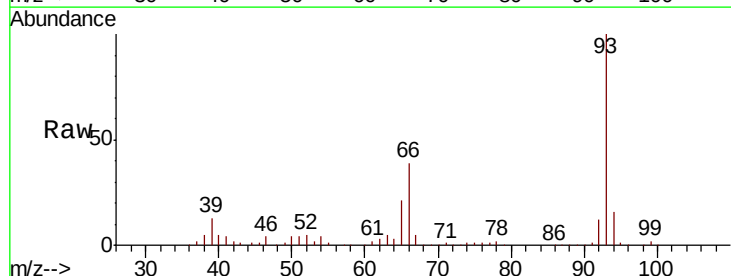
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

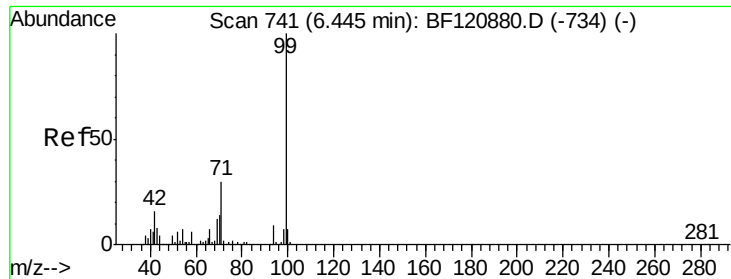
Tot Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.9	65.9
63	27.9	22.7	34.1



#6
 Aniline
 Concen: 34.047 ng
 RT: 6.46 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.4
65	20.9	16.2	24.4





#7

Phenol-d6

Concen: 74.648 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

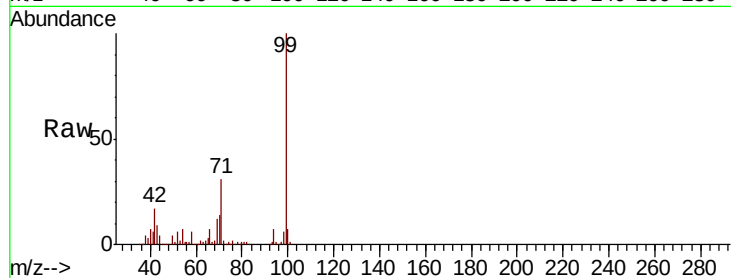
Tot Ion: 99 Resp: 816832

Ion Ratio Lower Upper

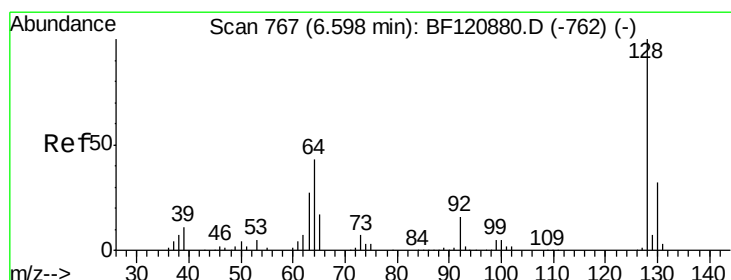
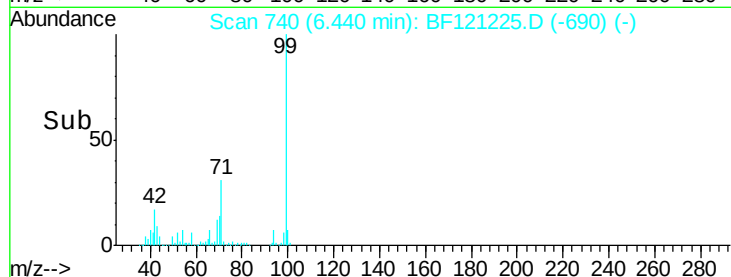
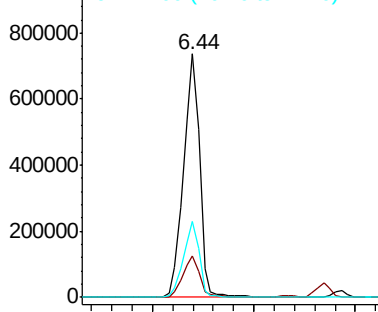
99 100

42 17.2 13.5 20.3

71 31.4 25.0 37.4



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



#8

2-Chlorophenol

Concen: 38.862 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

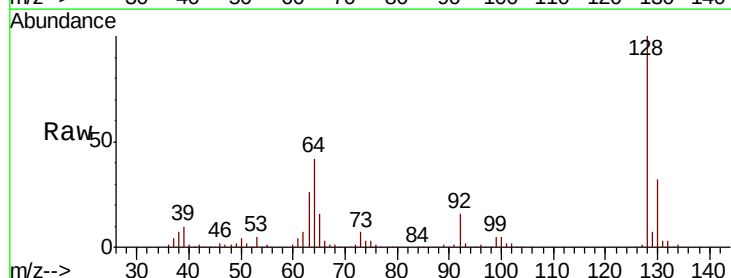
Tgt Ion: 128 Resp: 362661

Ion Ratio Lower Upper

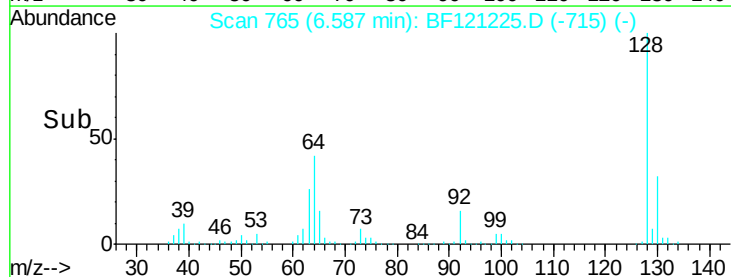
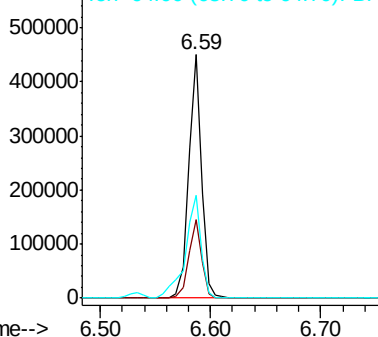
128 100

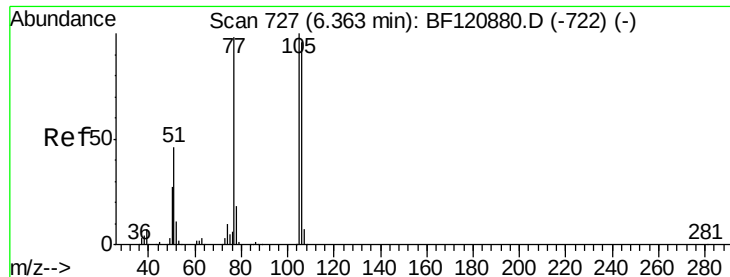
130 32.5 12.7 52.7

64 42.4 23.8 63.8



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





#9

Benzaldehyde

Concen: 37.643 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

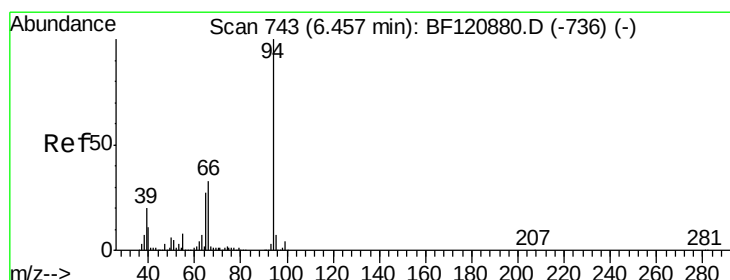
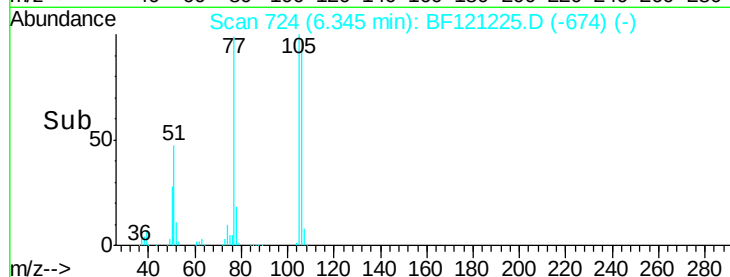
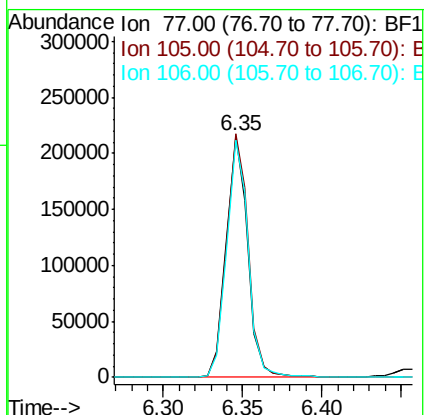
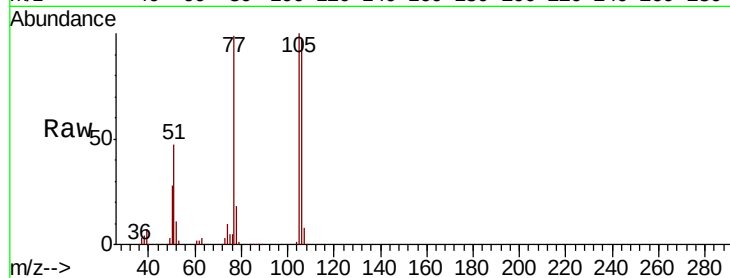
Tot Ion: 77 Resp: 202733

Ion Ratio Lower Upper

77 100

105 100.8 82.4 122.4

106 98.3 78.9 118.9



#10

Phenol

Concen: 35.873 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

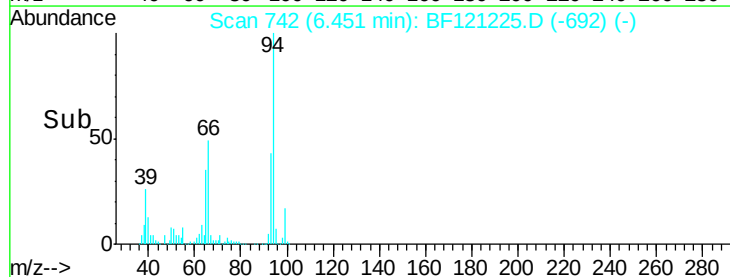
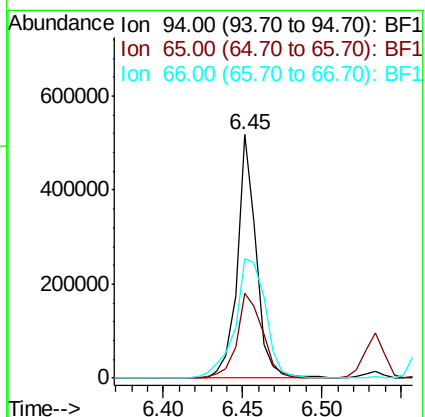
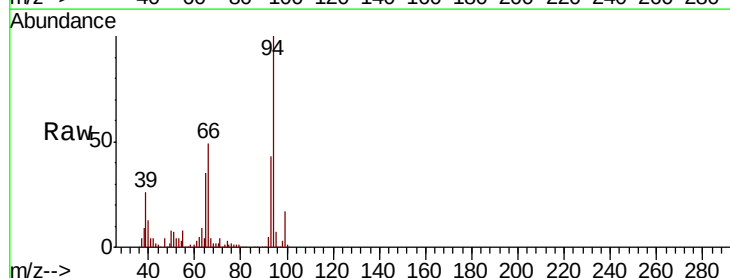
Tgt Ion: 94 Resp: 431797

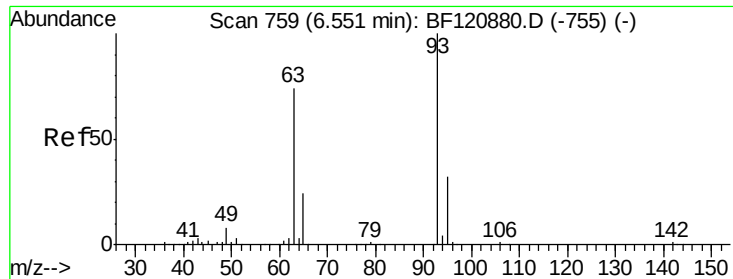
Ion Ratio Lower Upper

94 100

65 34.7 12.6 52.6

66 48.8 25.6 65.6

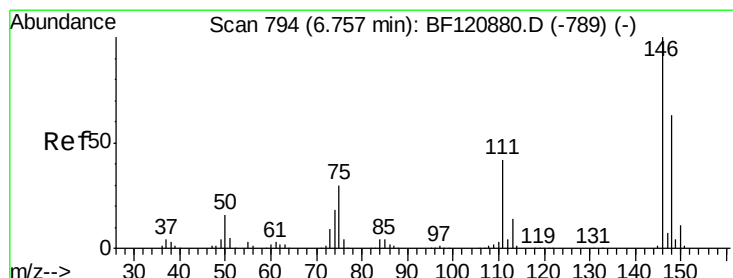
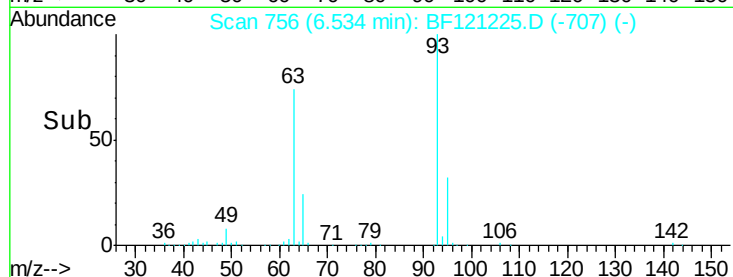
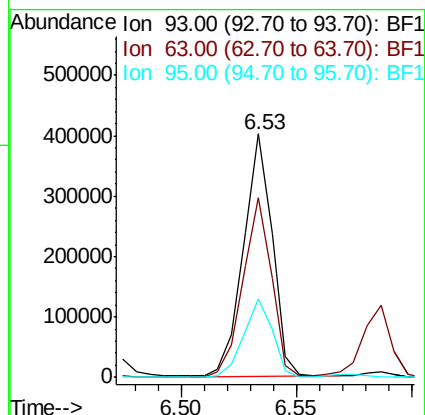
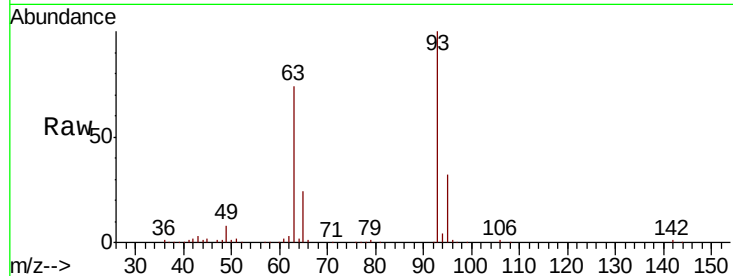




#11
 bis(2-Chloroethyl)ether
 Concen: 38.009 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

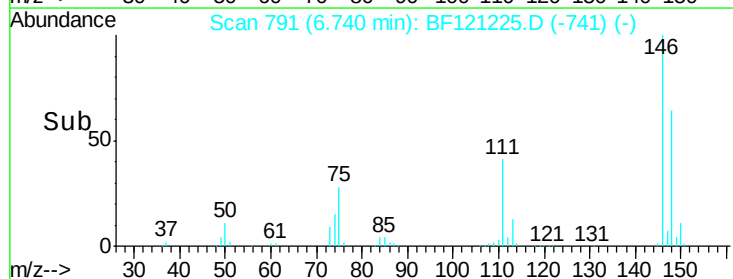
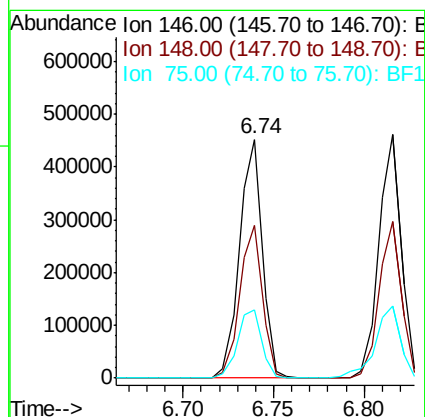
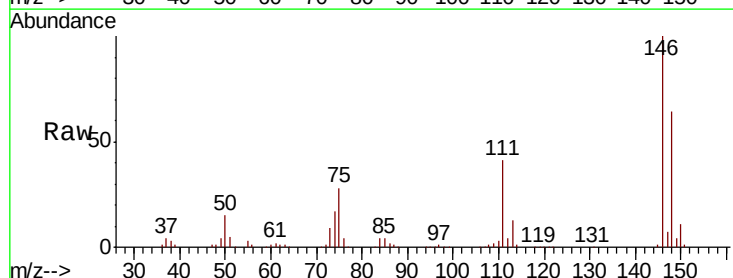
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

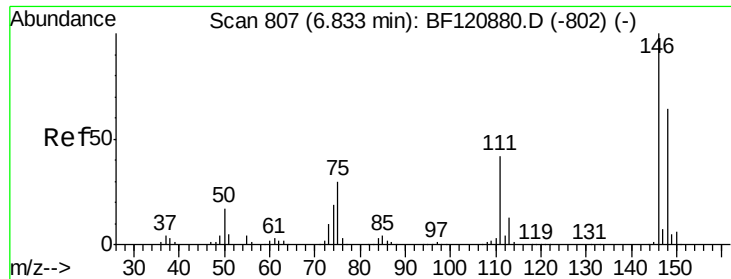
Tot Ion: 93 Resp: 350630
 Ion Ratio Lower Upper
 93 100
 63 73.6 51.9 91.9
 95 32.1 13.2 53.2



#12
 1,3-Dichlorobenzene
 Concen: 39.109 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion: 146 Resp: 395743
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.7 77.5
 75 28.4 23.8 35.6

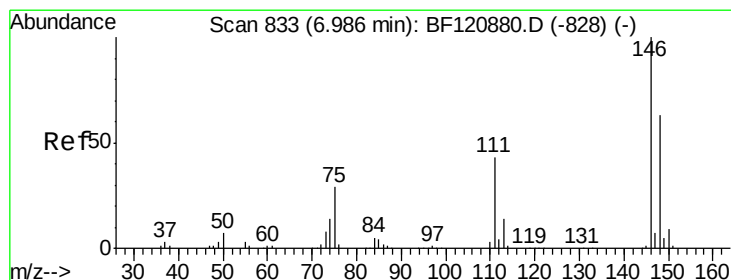
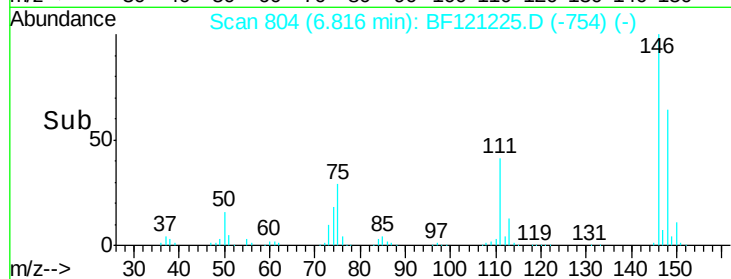
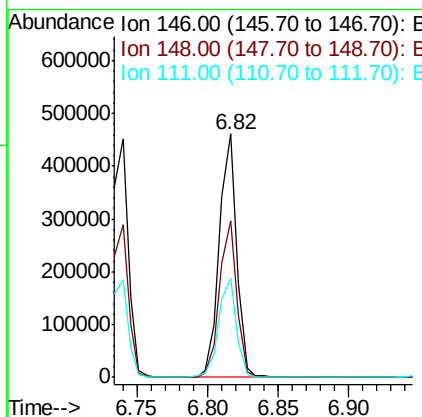
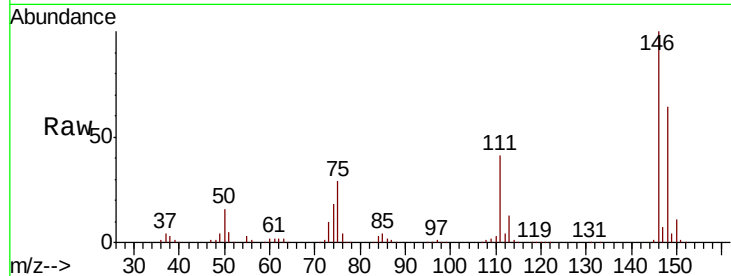




#13
 1,4-Dichlorobenzene
 Concen: 39.393 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

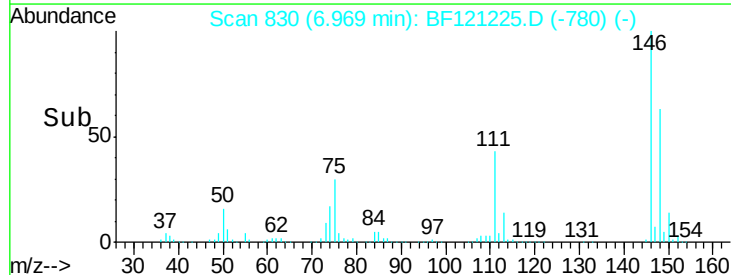
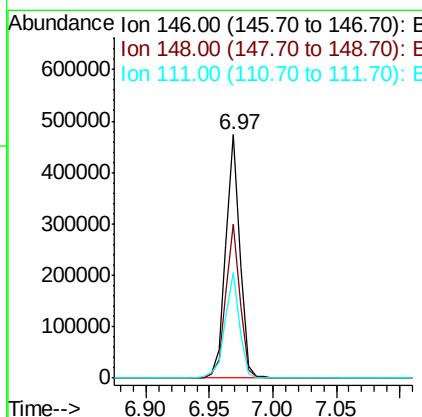
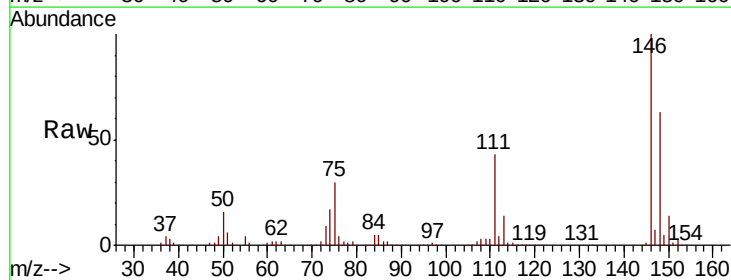
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

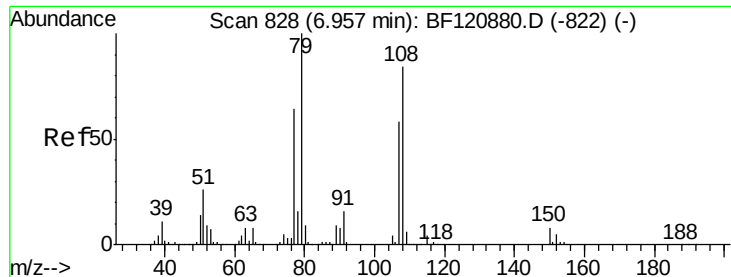
Tot Ion:146 Resp: 396376
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.5 75.7
 111 40.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 38.698 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:146 Resp: 368374
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.3 35.4 53.0





#15

Benzyl Alcohol

Concen: 35.511 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

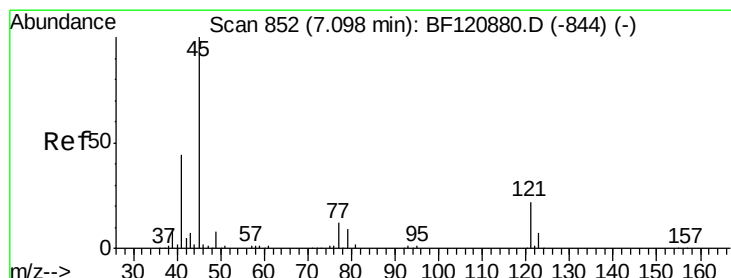
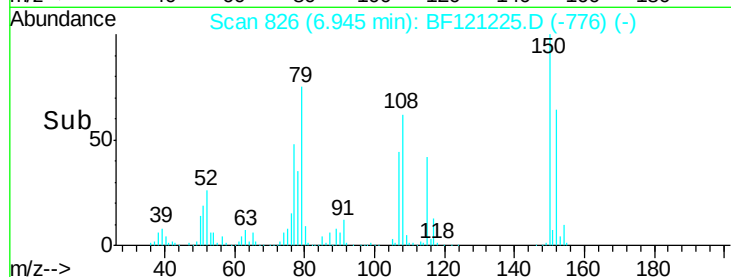
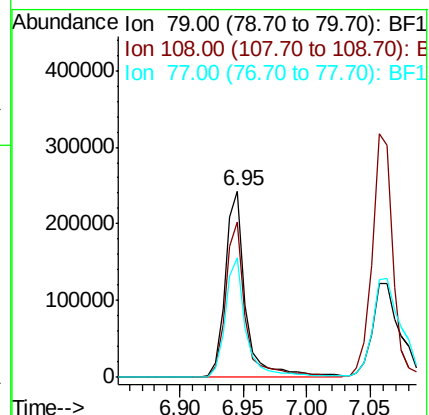
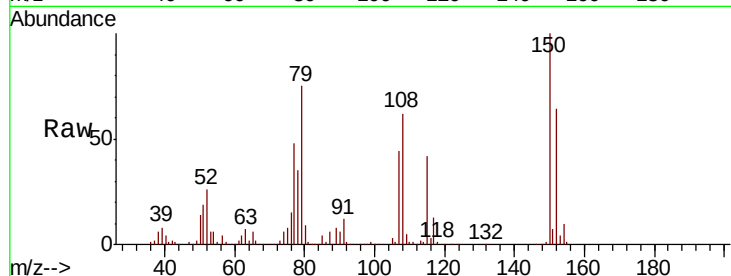
Tot Ion: 79 Resp: 274796

Ion Ratio Lower Upper

79 100

108 83.3 68.6 103.0

77 64.0 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.143 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

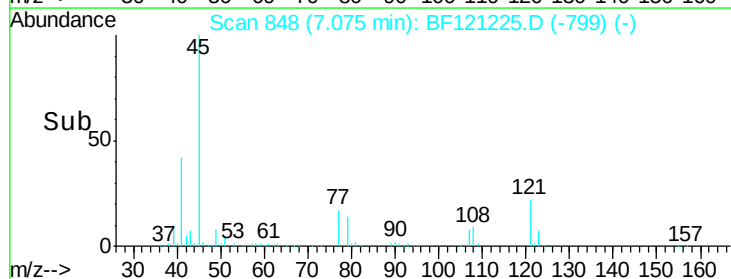
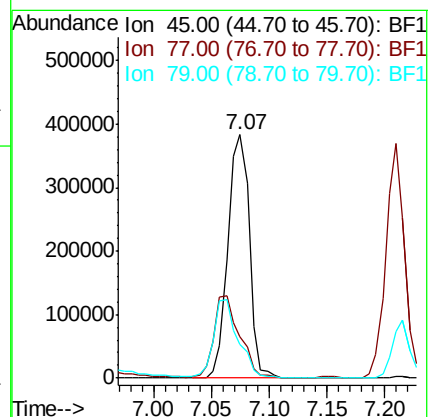
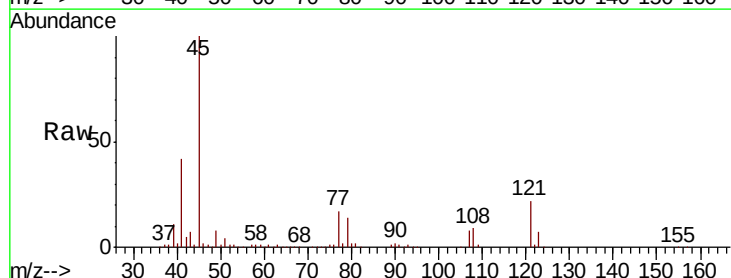
Tgt Ion: 45 Resp: 493874

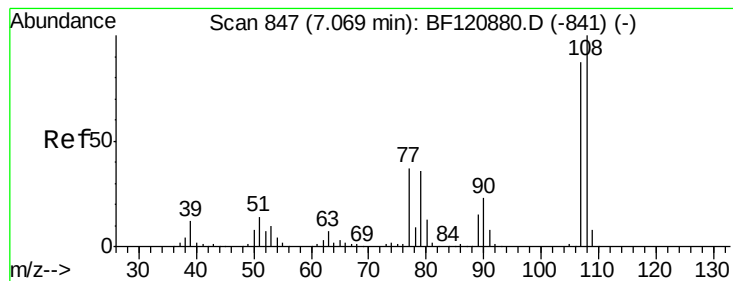
Ion Ratio Lower Upper

45 100

77 17.0 0.0 34.7

79 13.9 0.0 32.0

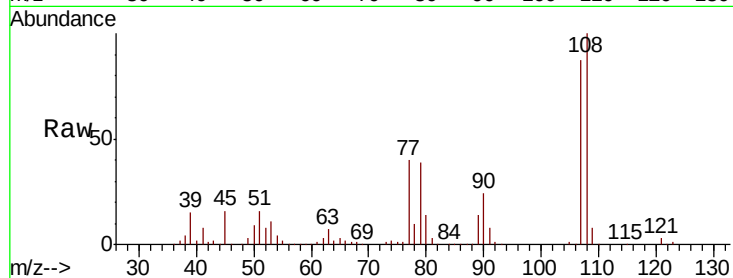




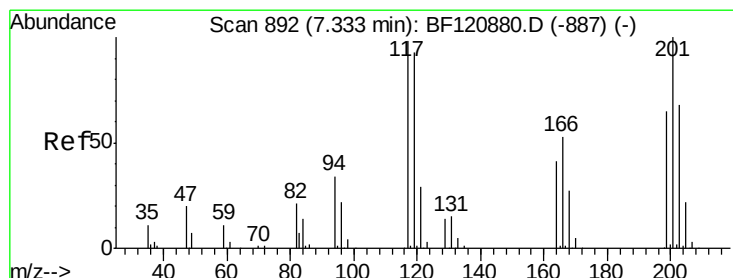
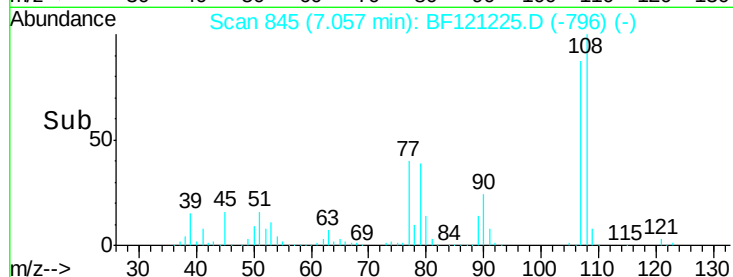
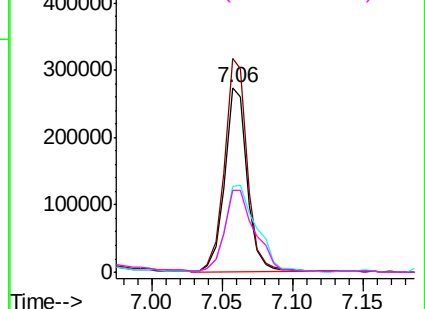
#17
2-Methylphenol
Concen: 36.781 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	304222
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.2	136.8
77	46.3	36.5	54.7
79	44.6	35.0	52.6

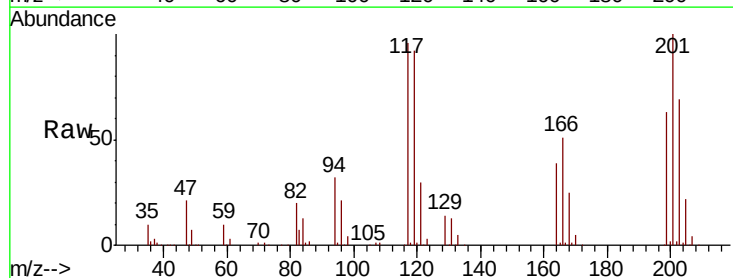


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

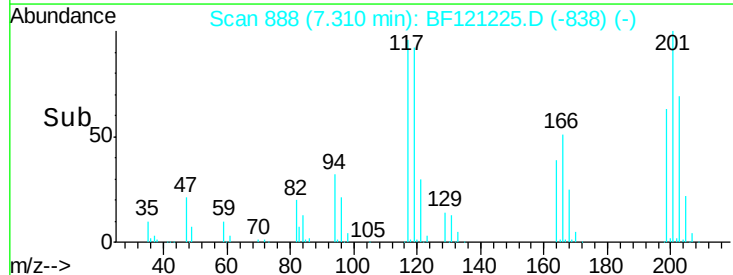
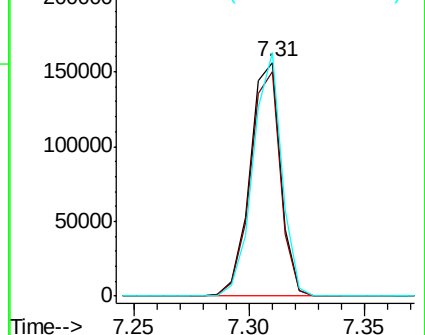


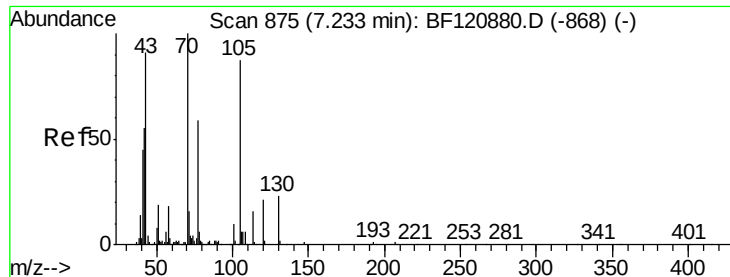
#18
Hexachloroethane
Concen: 39.861 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:	117	Resp:	145167
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	114.8
201	104.3	75.0	112.4



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

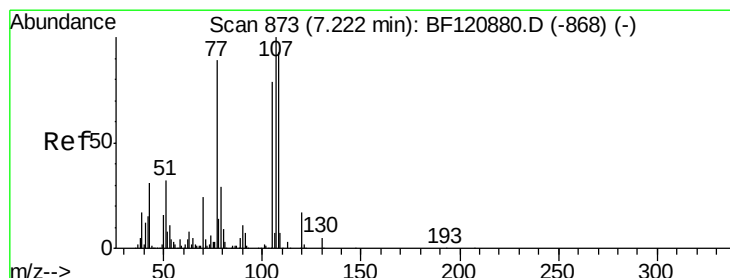
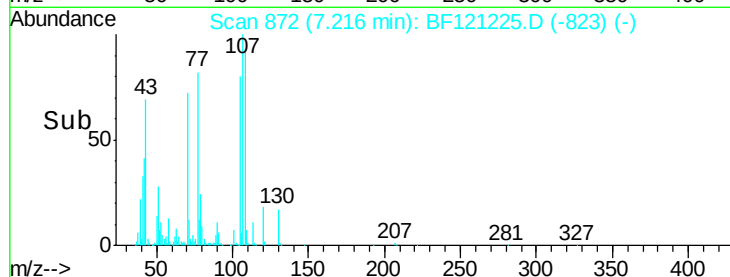
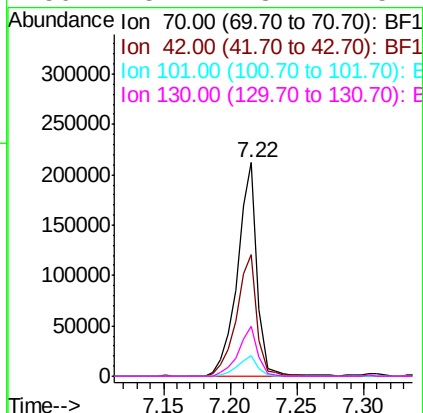
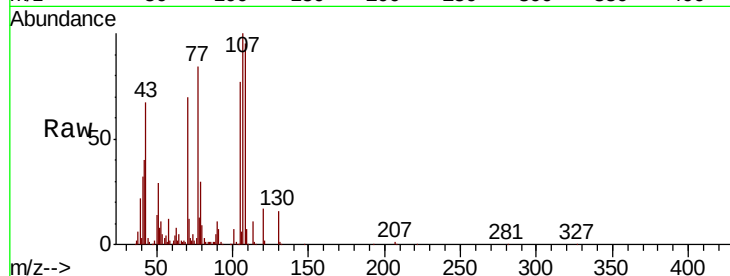




#19
n-Nitroso-di-n-propylamine
Concen: 34.998 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

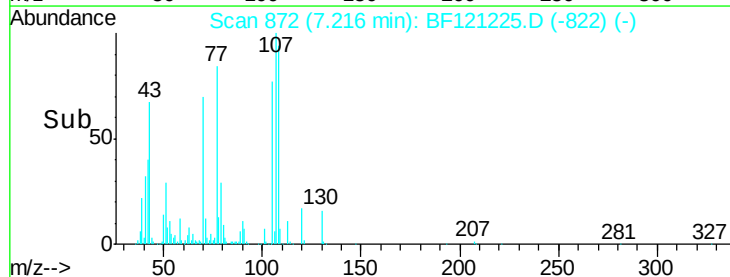
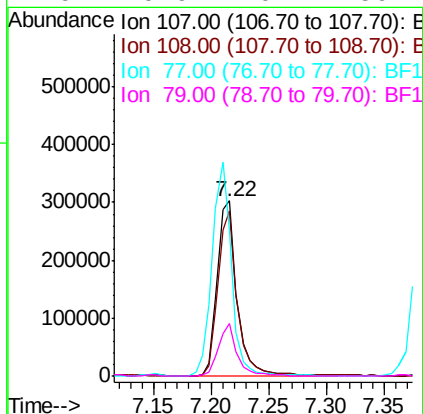
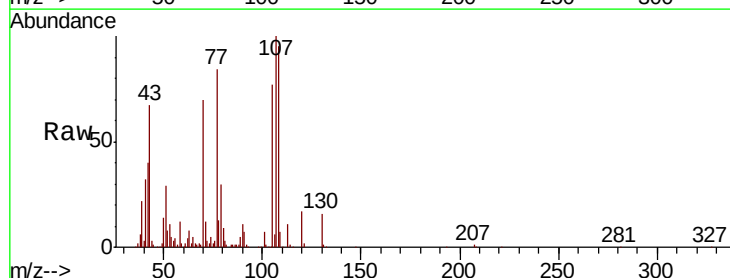
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

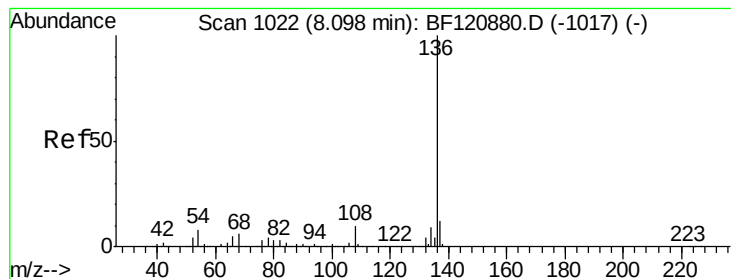
Tot Ion:	70	Resp:	217767
Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.3	64.9
101	9.8	8.4	12.6
130	23.1	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.197 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:	107	Resp:	359811
Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.7	113.7
77	83.7	84.9	124.9#
79	29.9	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 485316

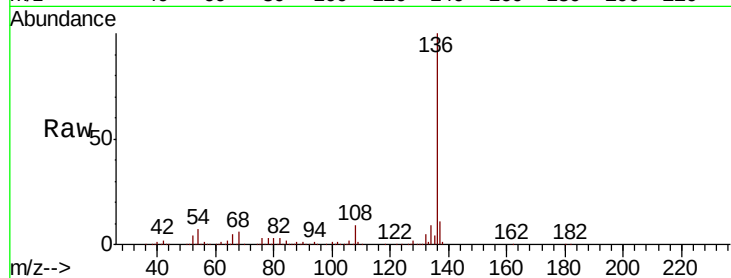
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.3 6.1 9.1

68 6.1 5.0 7.6

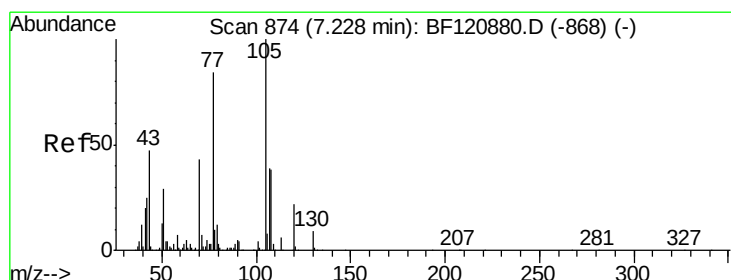
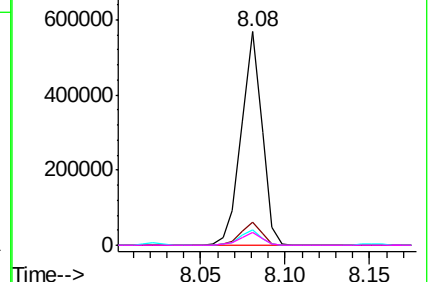
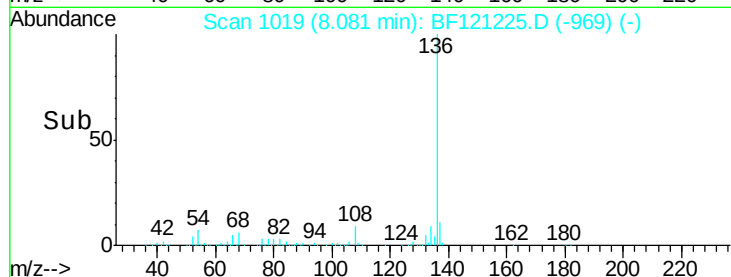


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.177 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:105 Resp: 437607

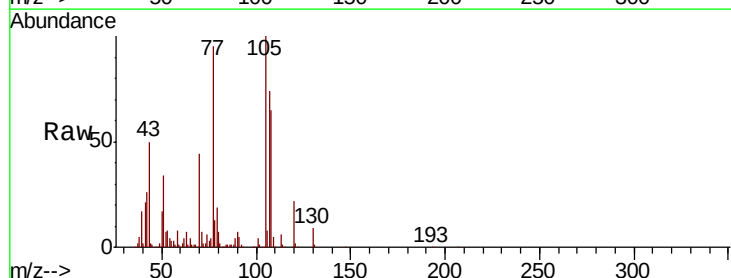
Ion Ratio Lower Upper

105 100

71 7.3 3.8 5.8#

51 34.2 28.0 42.0

120 22.0 17.8 26.6

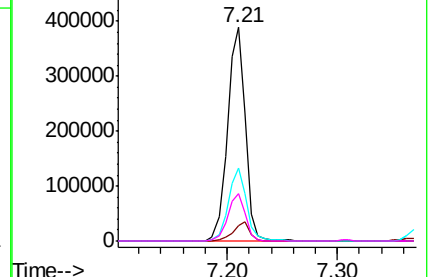
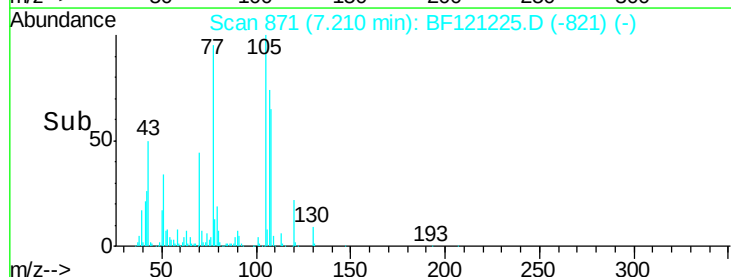


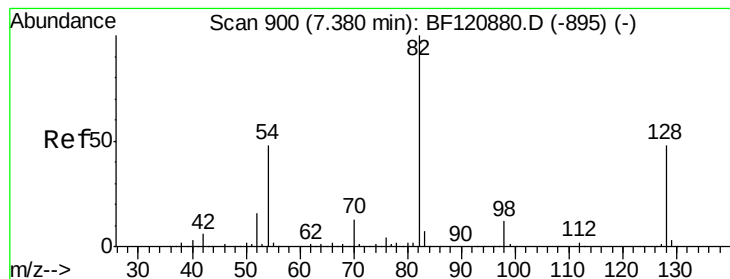
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.799 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

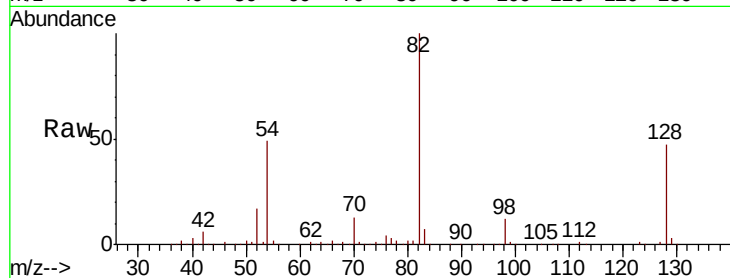
Tot Ion: 82 Resp: 694464

Ion Ratio Lower Upper

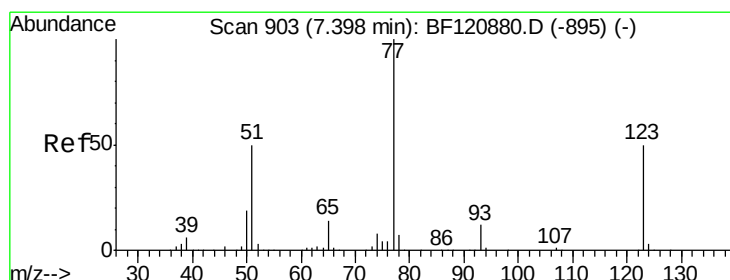
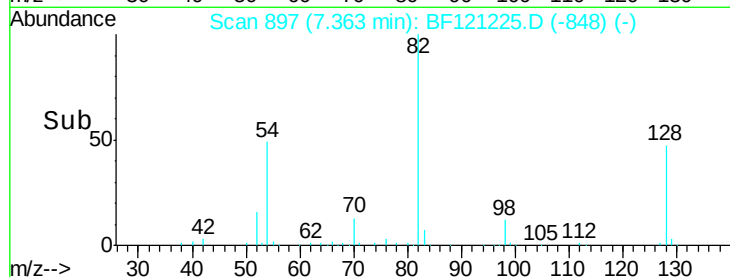
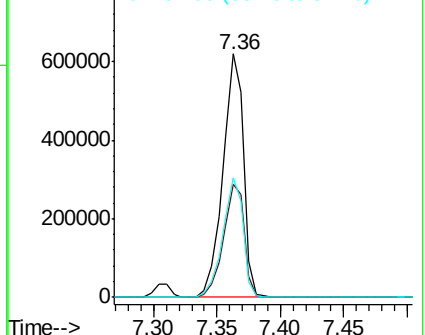
82 100

128 46.5 39.2 58.8

54 48.9 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.869 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

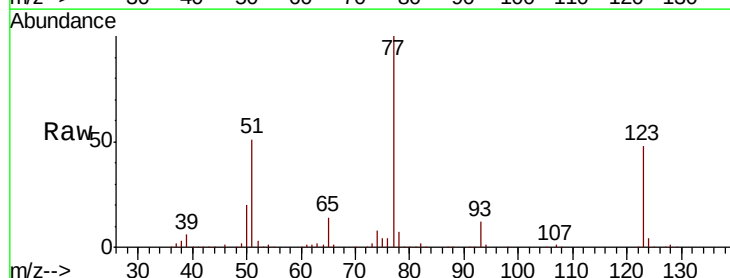
Tgt Ion: 77 Resp: 369451

Ion Ratio Lower Upper

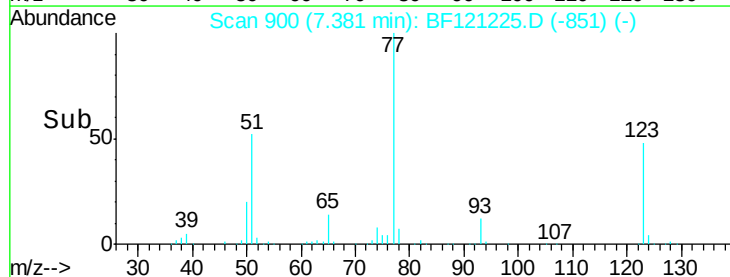
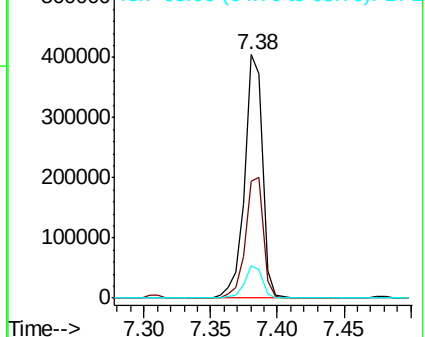
77 100

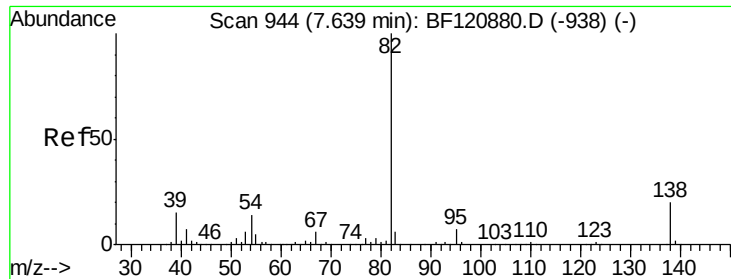
123 48.0 41.0 61.6

65 13.5 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

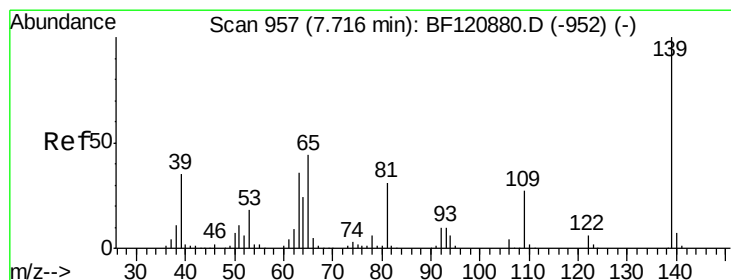
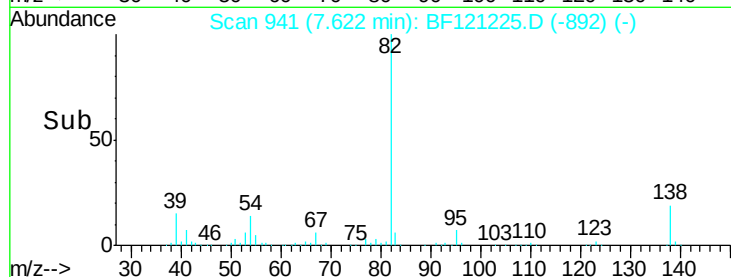
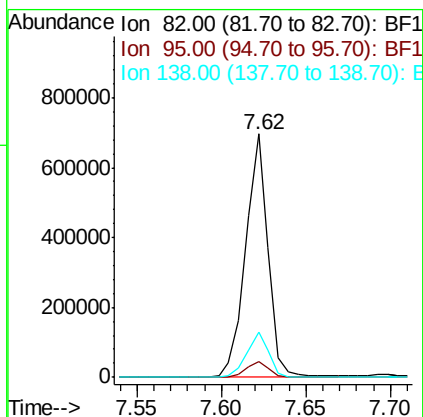
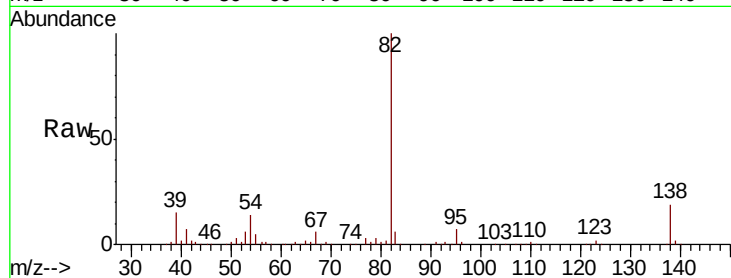




#25
Isophorone
Concen: 38.861 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

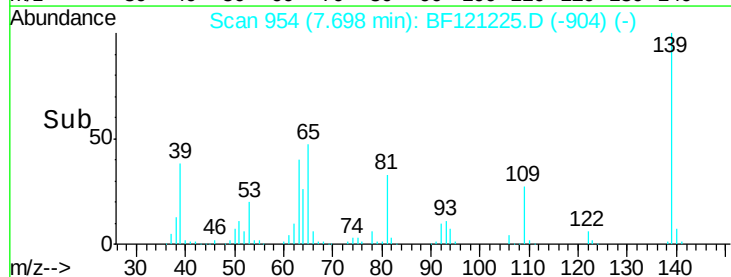
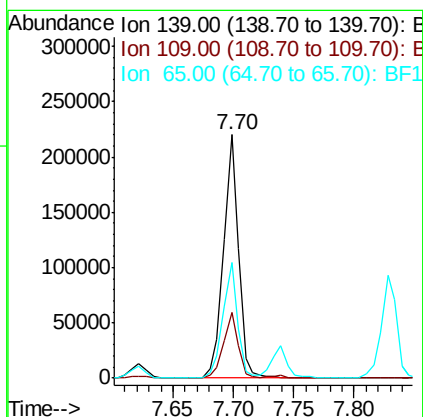
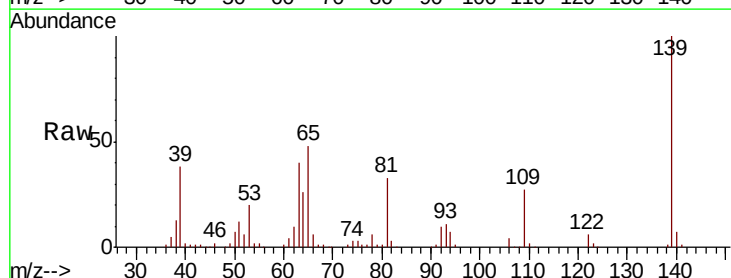
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

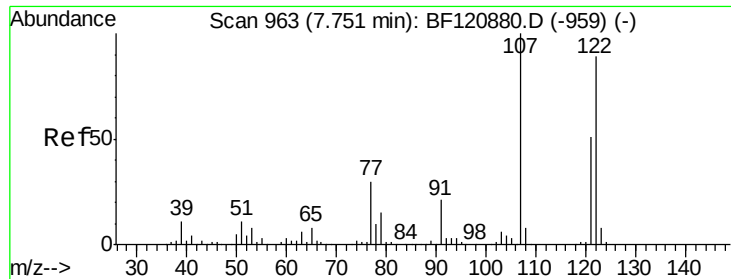
Tot Ion: 82 Resp: 650506
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.7 16.2 24.2



#26
2-Nitrophenol
Concen: 44.540 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion: 139 Resp: 191227
Ion Ratio Lower Upper
139 100
109 27.1 21.7 32.5
65 47.6 36.3 54.5

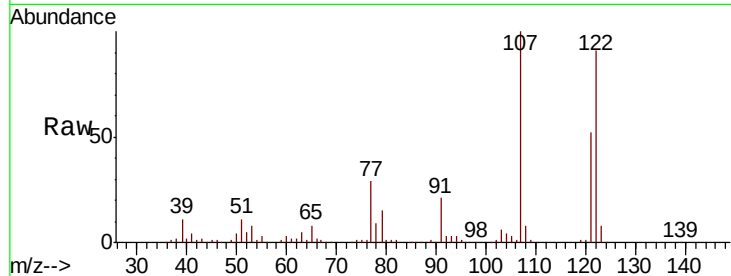




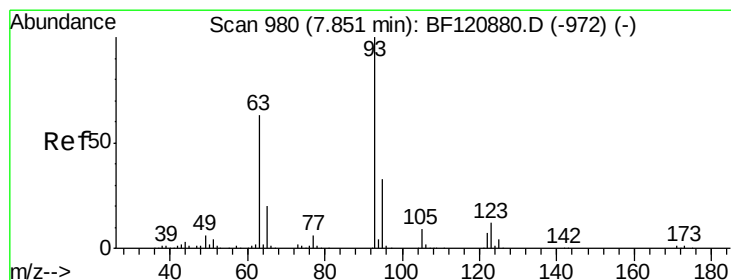
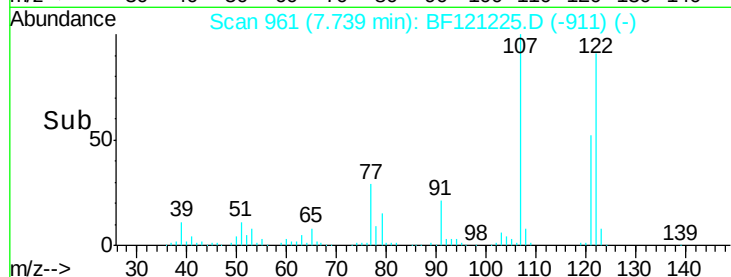
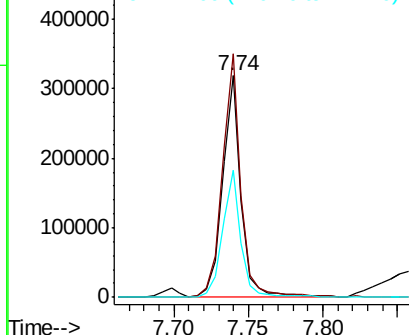
#27
2,4-Dimethylphenol
Concen: 39.681 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 276604
Ion Ratio Lower Upper
122 100
107 109.8 87.1 130.7
121 57.4 45.5 68.3

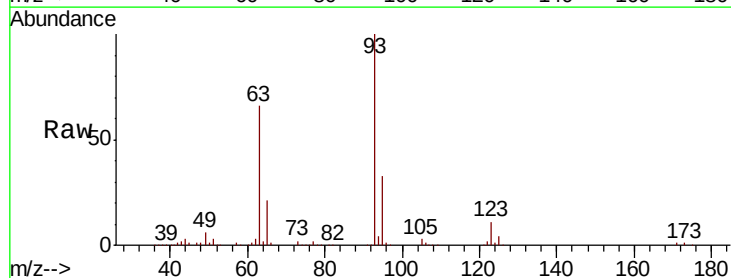


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

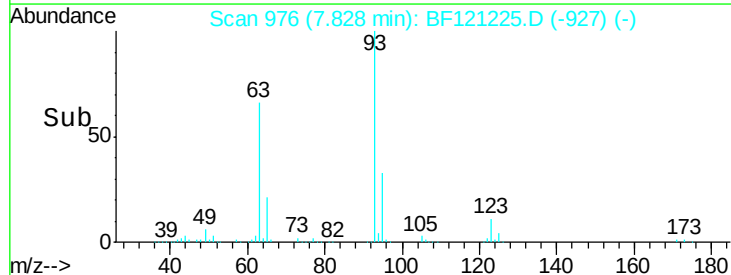
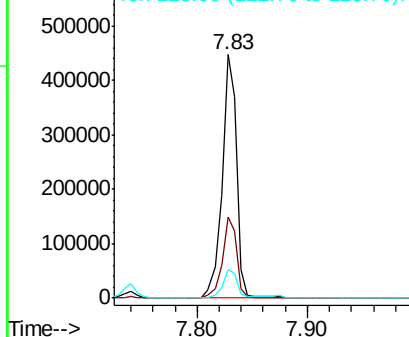


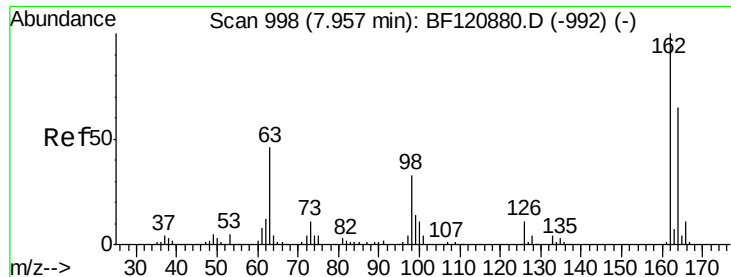
#28
bis(2-Chloroethoxy)methane
Concen: 40.097 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion: 93 Resp: 409714
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 11.5 9.5 14.3



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

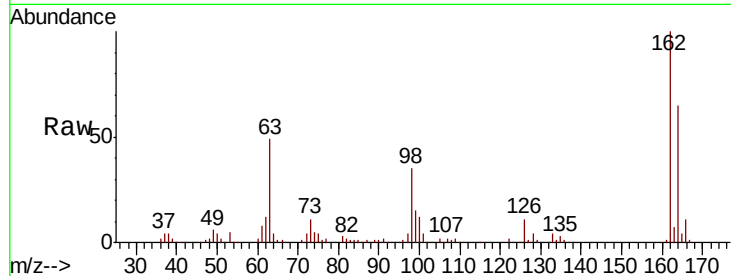




#29
 2,4-Dichlorophenol
 Concen: 41.179 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.7	84.7
98	35.4	14.2	54.2

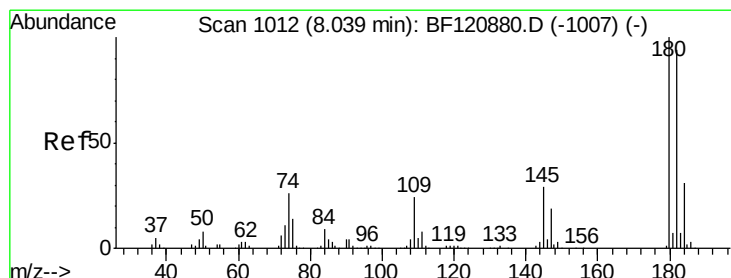
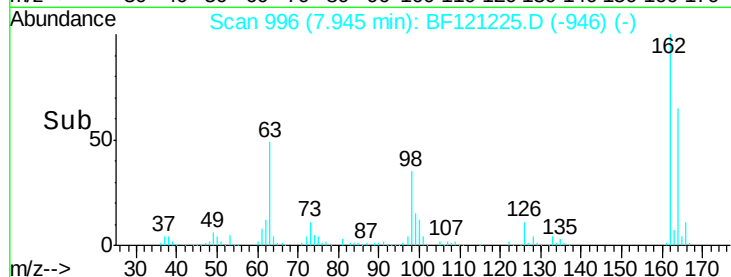
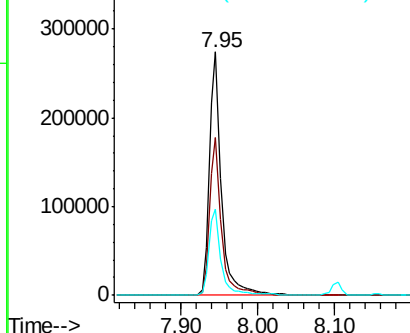


Abundance

Ion 162.00 (161.70 to 162.70): E

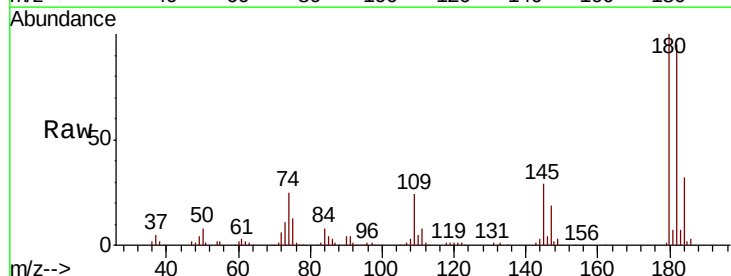
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.003 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	29.5	24.2	36.4

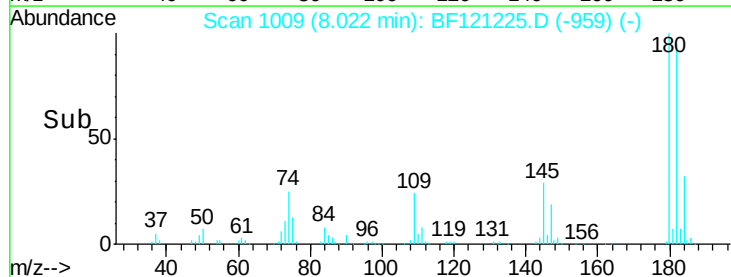
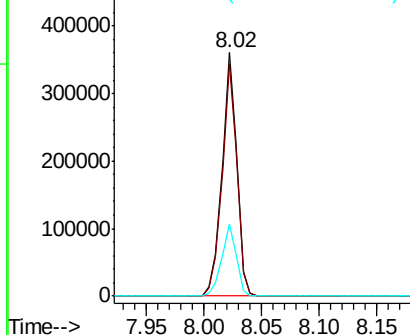


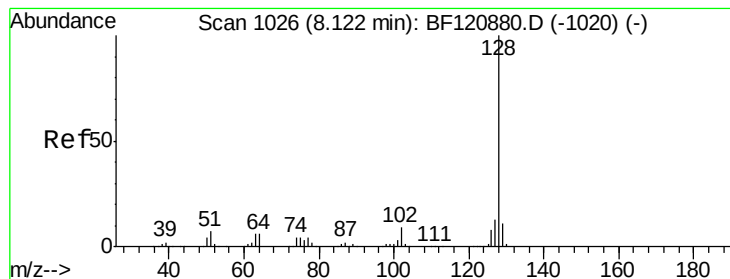
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.730 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

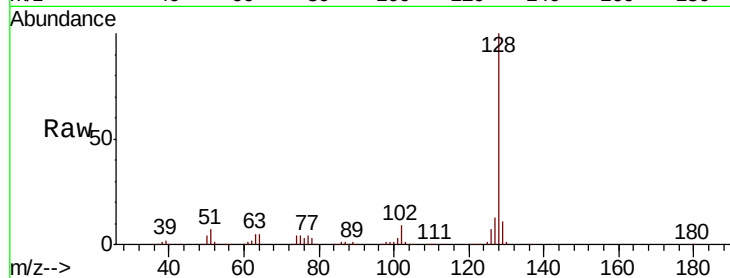
Tot Ion:128 Resp: 989045

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

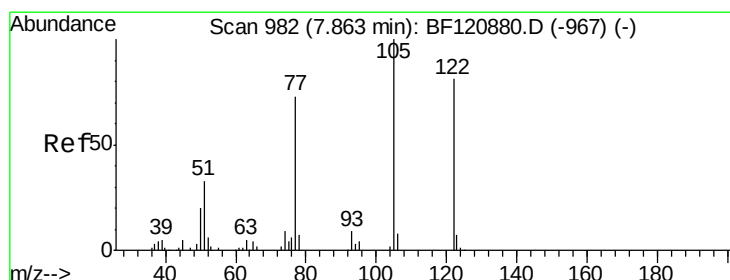
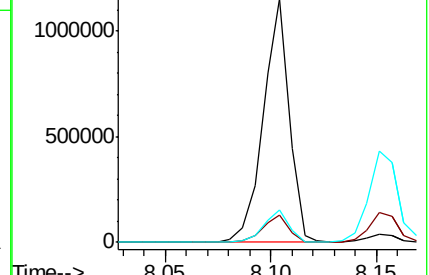
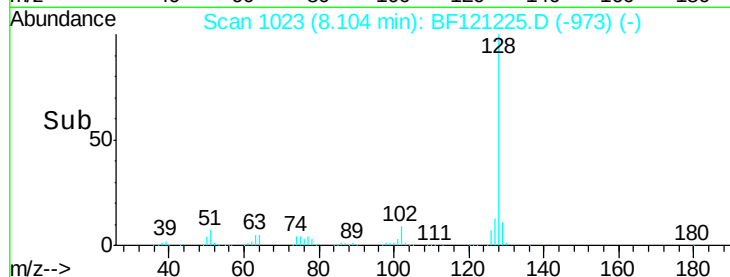
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.385 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

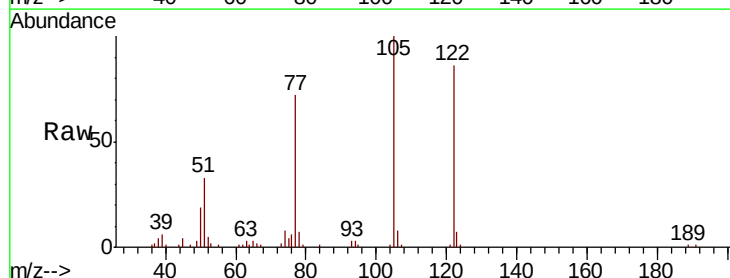
Tgt Ion:122 Resp: 106667

Ion Ratio Lower Upper

122 100

105 116.7 100.9 140.9

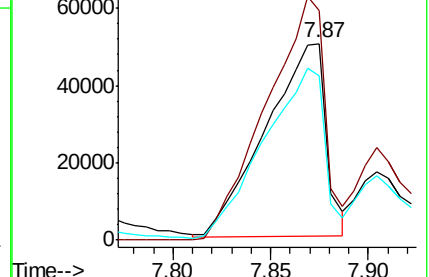
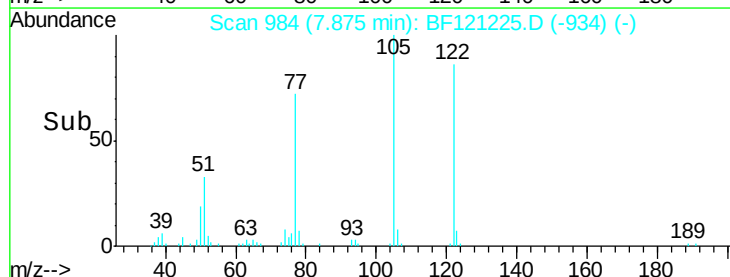
77 83.6 67.8 107.8

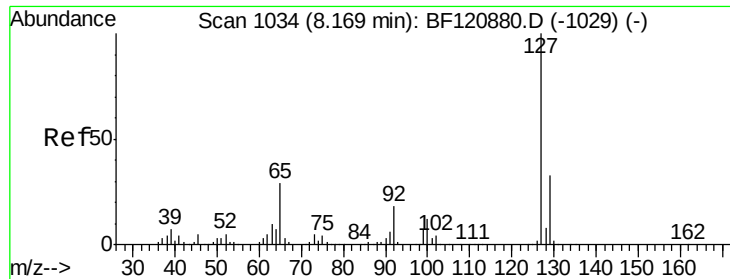


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

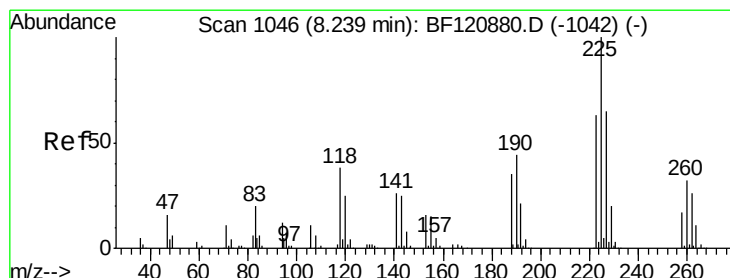
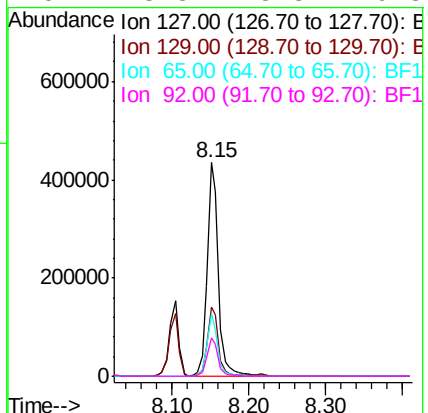
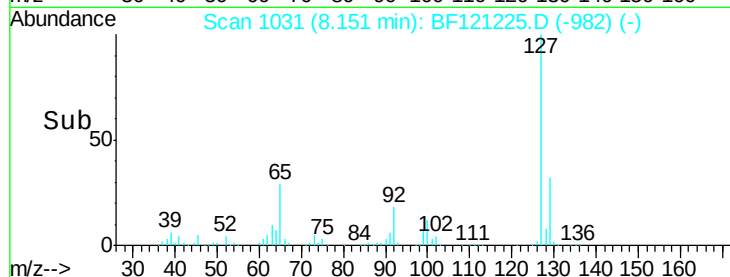
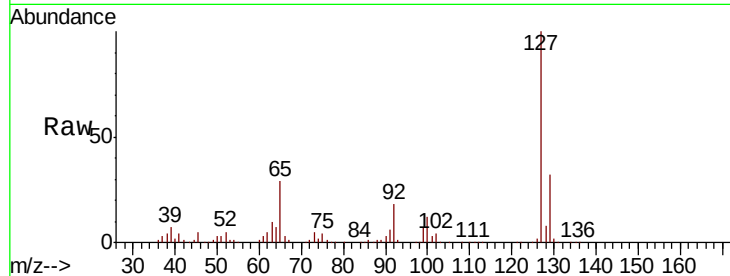




#33
4-Chloroaniline
Concen: 39.407 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

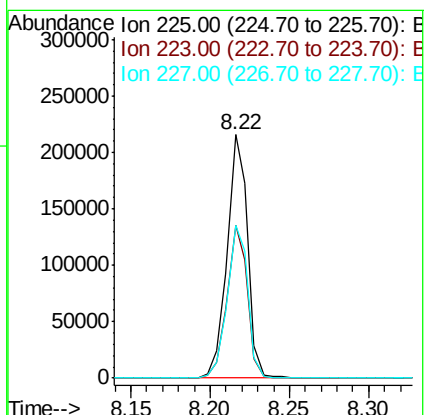
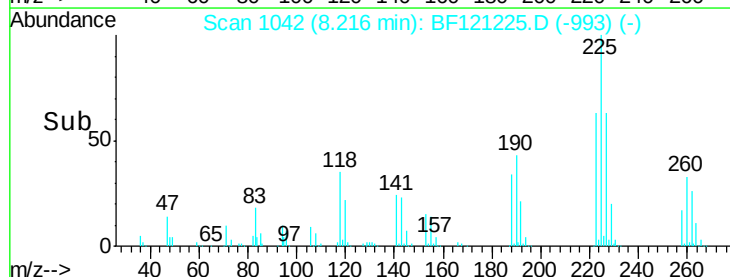
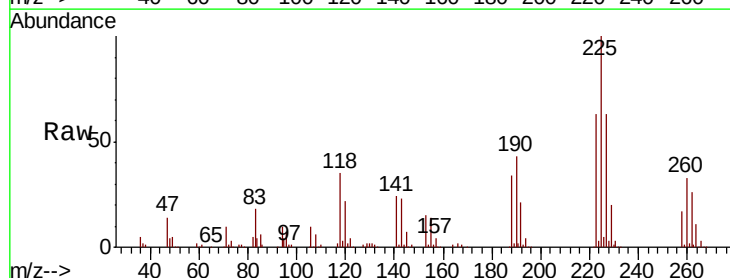
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

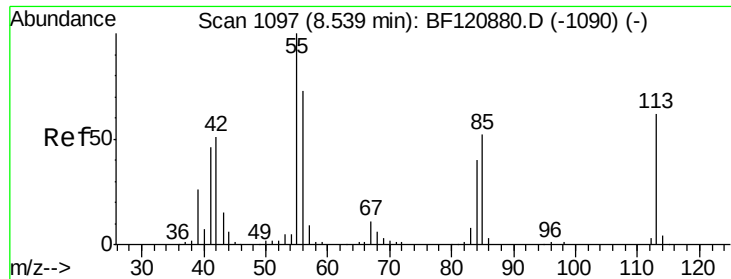
Tot Ion:	127	Resp:	437626
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	29.2	21.4	32.0
92	18.3	13.8	20.8



#34
Hexachlorobutadiene
Concen: 41.252 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:	225	Resp:	192182
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	62.9	51.4	77.0

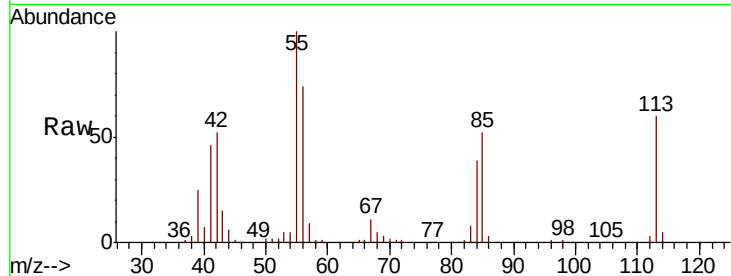




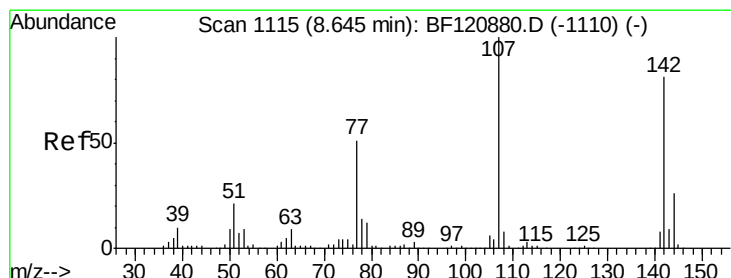
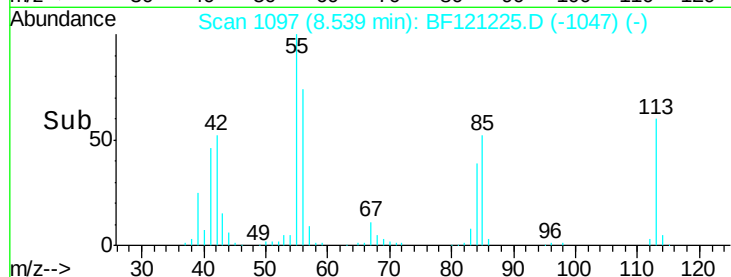
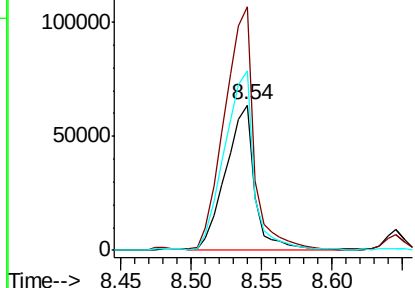
#35
 Caprolactam
 Concen: 40.077 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 91546
 Ion Ratio Lower Upper
 113 100
 55 167.4 131.0 171.0
 56 123.1 90.4 130.4

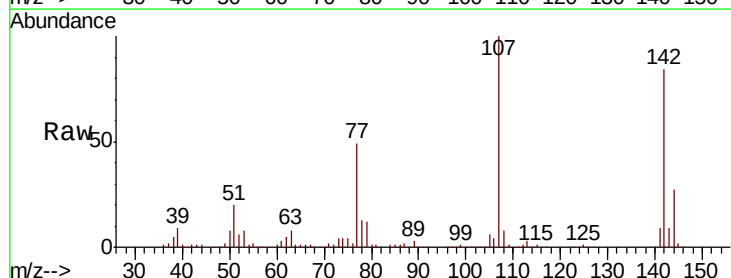


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

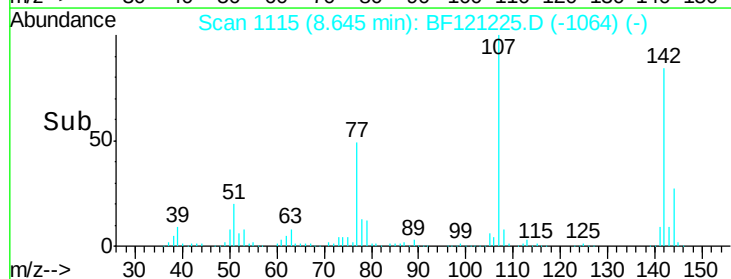
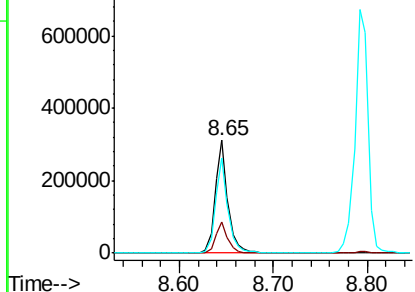


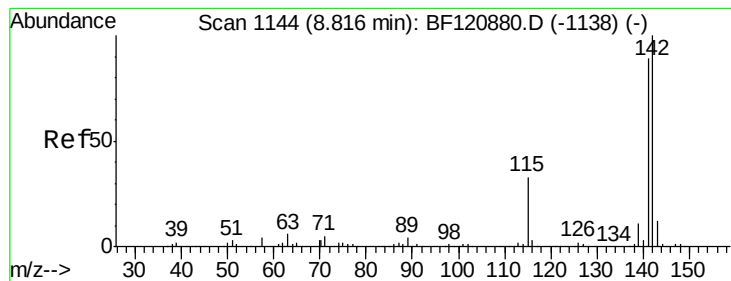
#36
 4-Chloro-3-methylphenol
 Concen: 40.846 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:107 Resp: 298396
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.9 31.3
 142 84.2 64.5 96.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.315 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

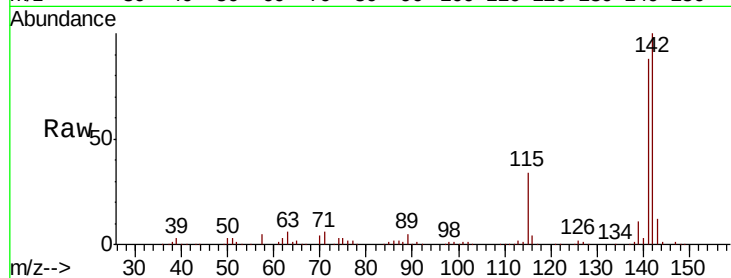
Tot Ion:142 Resp: 651648

Ion Ratio Lower Upper

142 100

141 87.8 70.6 105.8

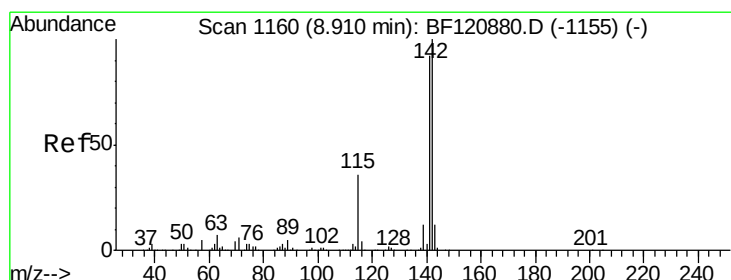
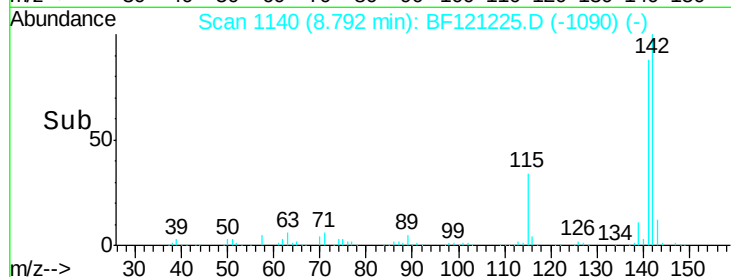
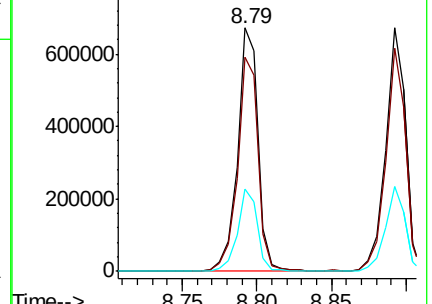
115 33.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.011 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

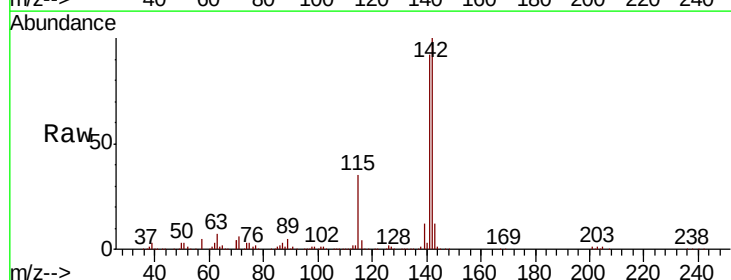
Tgt Ion:142 Resp: 612525

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.6

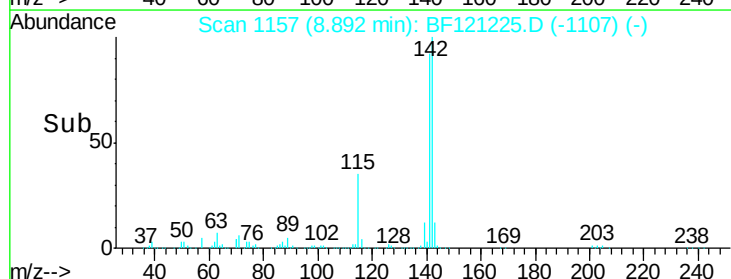
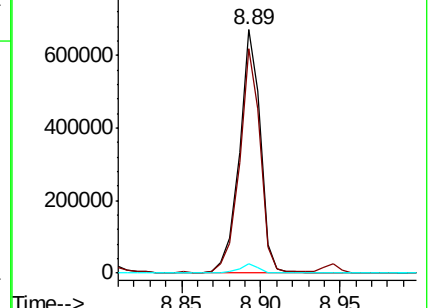
116 3.7 3.0 4.6

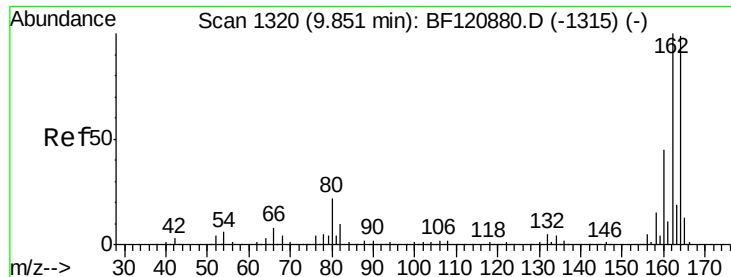


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

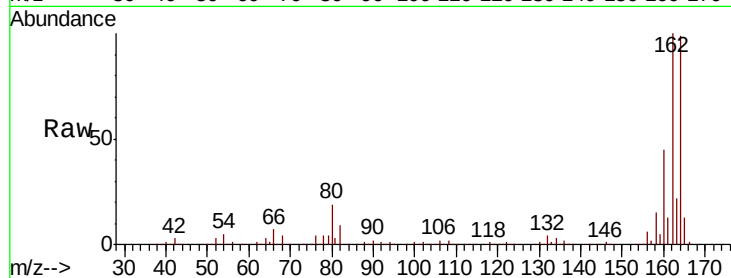
Tot Ion:164 Resp: 249044

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

160 45.7 37.2 55.8

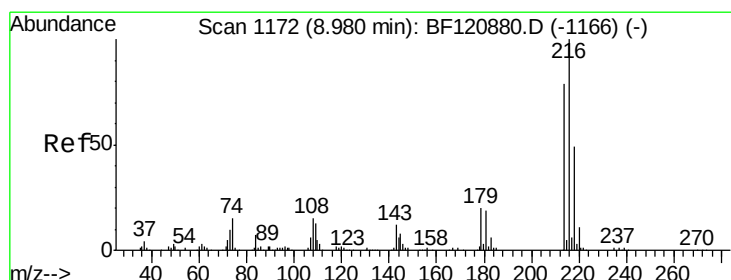
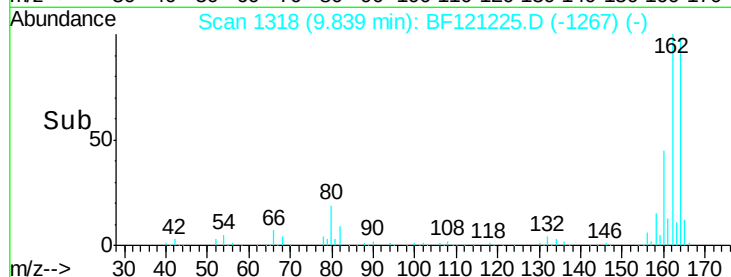
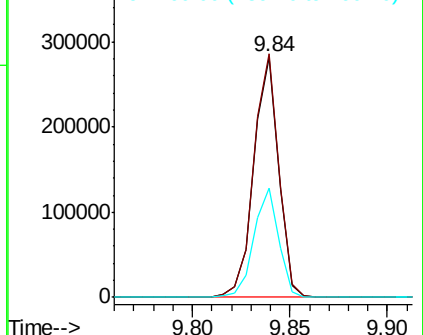


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.185 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:216 Resp: 306098

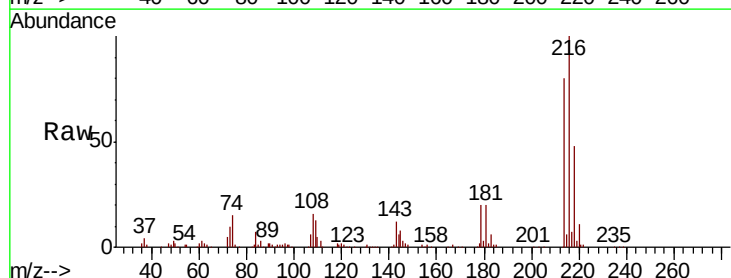
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 20.4 16.6 24.8

108 18.2 15.0 22.4



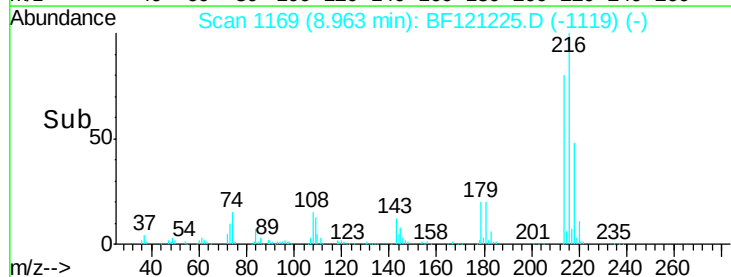
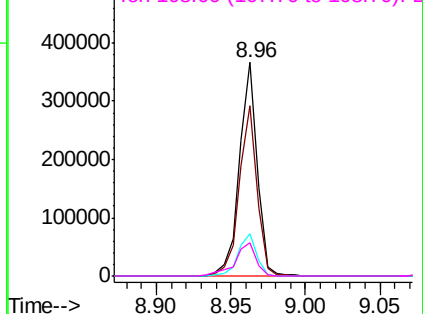
Abundance

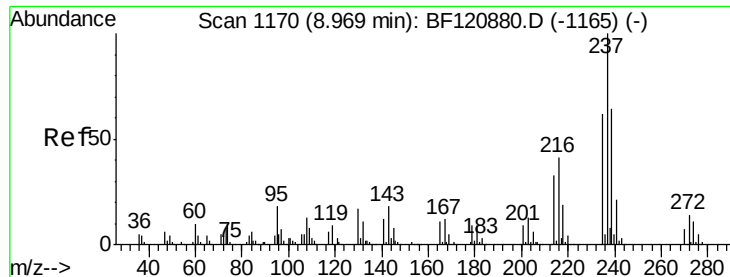
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

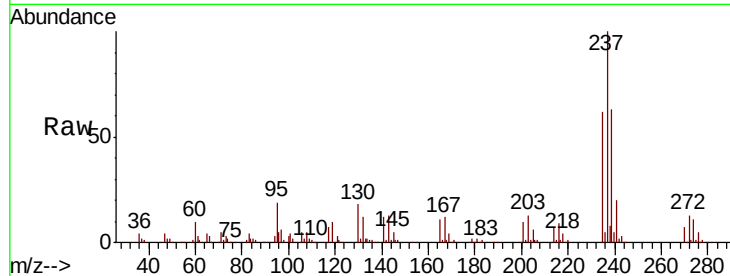




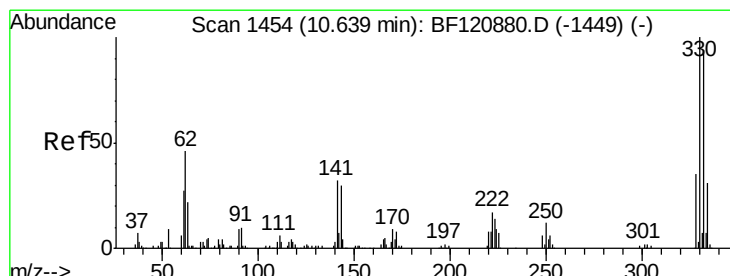
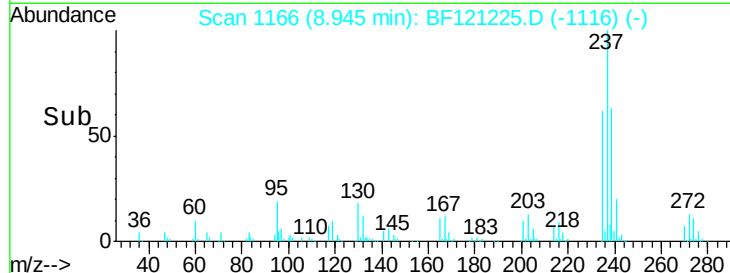
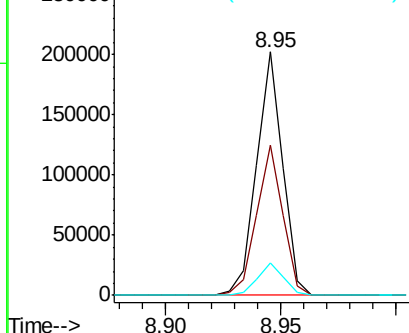
#41
Hexachlorocyclopentadiene
Concen: 39.783 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 159541
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 13.3 0.0 33.6

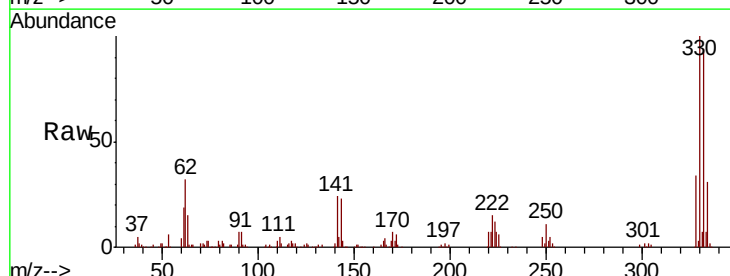


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

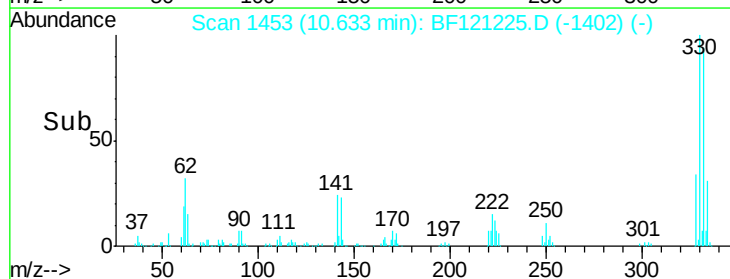
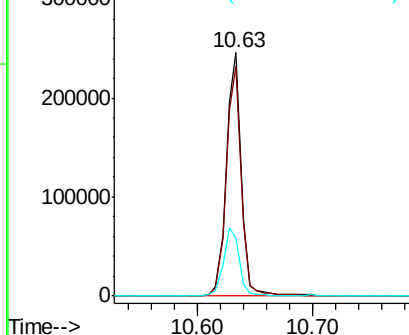


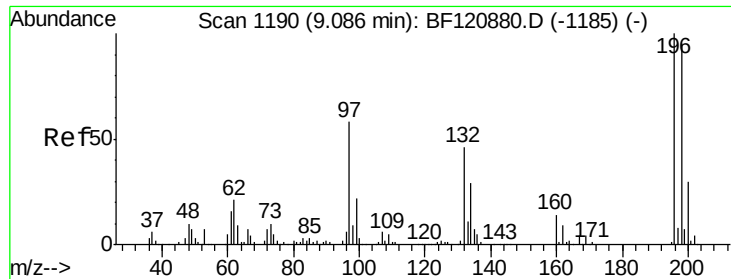
#42
2,4,6-Tribromophenol
Concen: 81.129 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:330 Resp: 221160
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 30.0 24.1 36.1



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

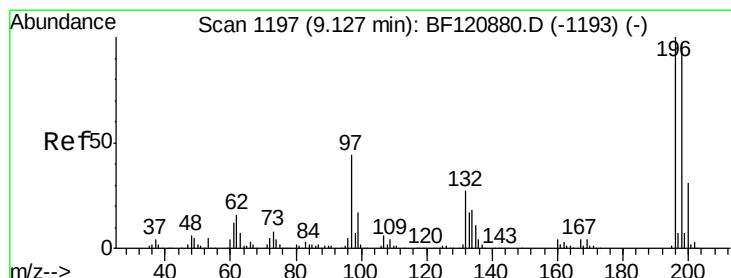
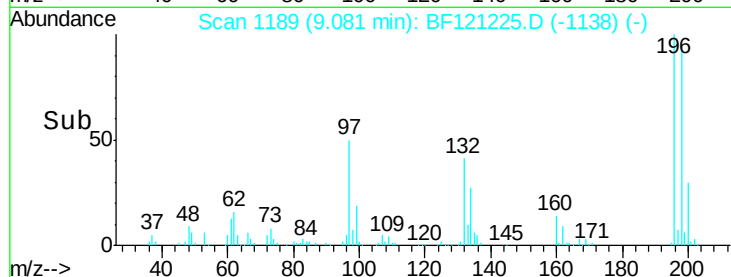
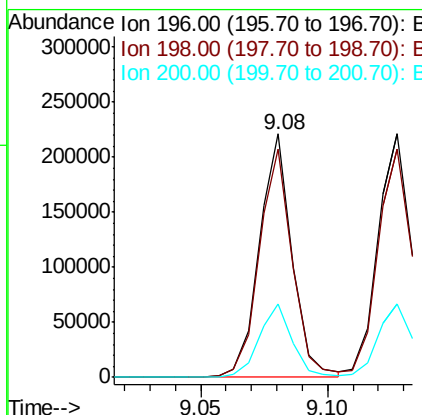
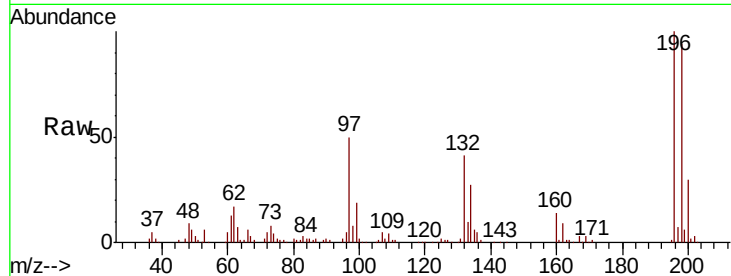




#43
 2,4,6-Trichlorophenol
 Concen: 38.771 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

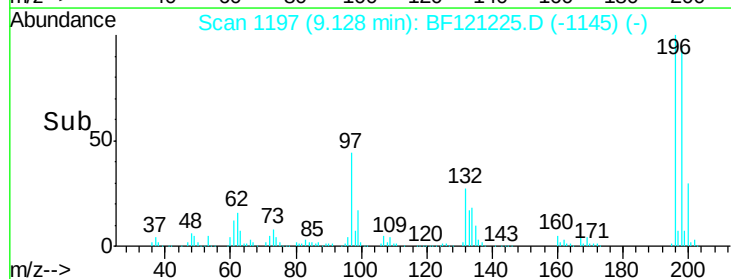
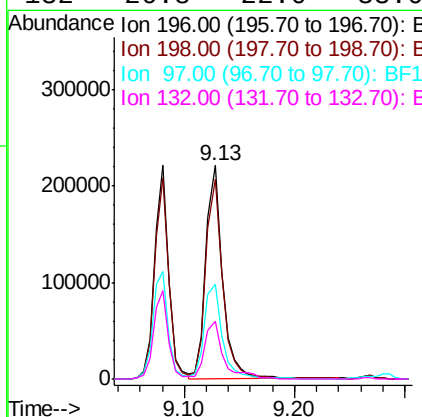
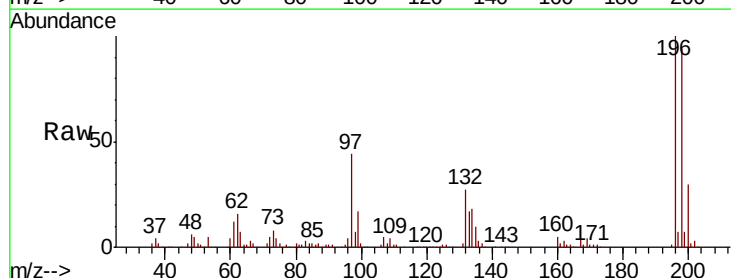
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

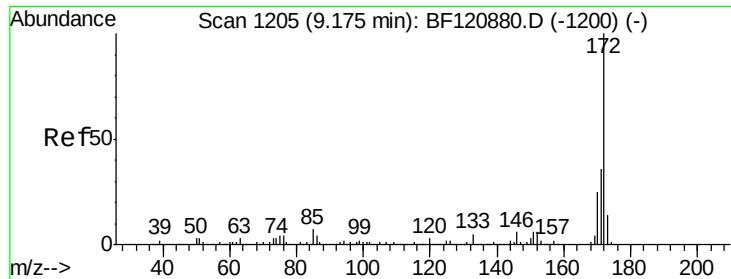
Tot Ion:196 Resp: 198077
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.5 116.3
 200 30.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.936 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:196 Resp: 225641
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.4
 97 44.2 37.3 55.9
 132 26.8 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 72.889 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

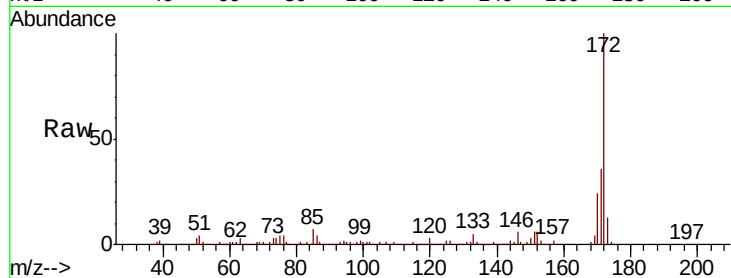
Tot Ion:172 Resp: 1215813

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

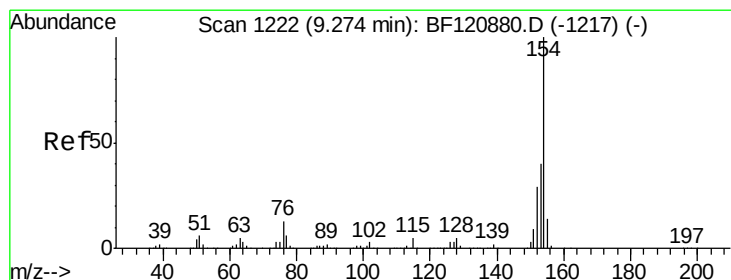
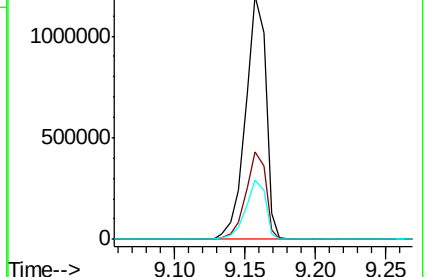
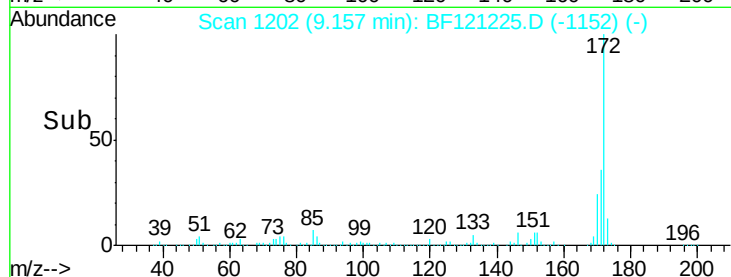
170 24.3 19.6 29.4



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: 40.708 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

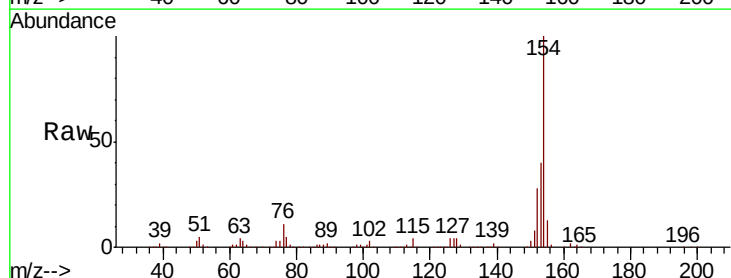
Tgt Ion:154 Resp: 773326

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

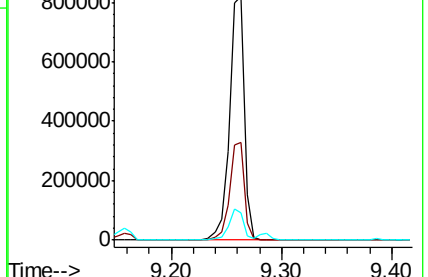
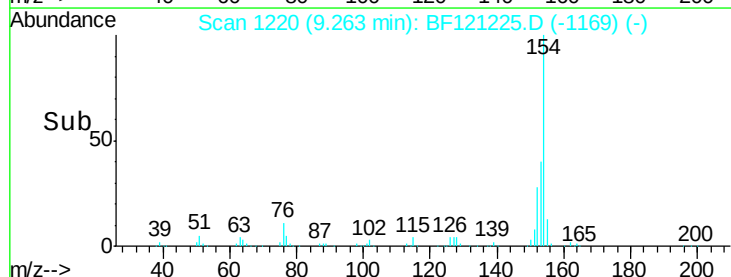
76 11.4 0.0 33.4

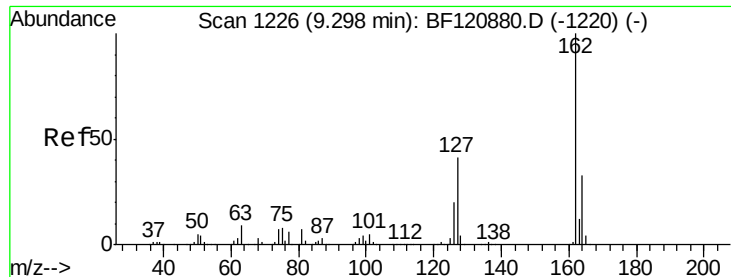


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

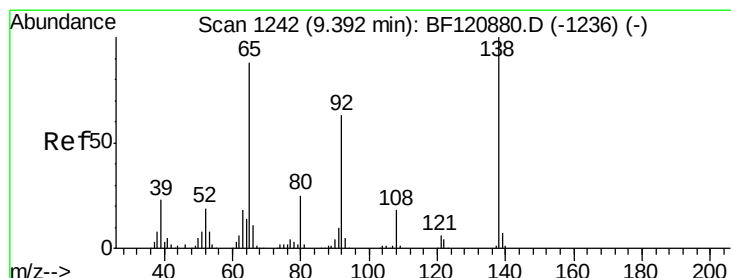
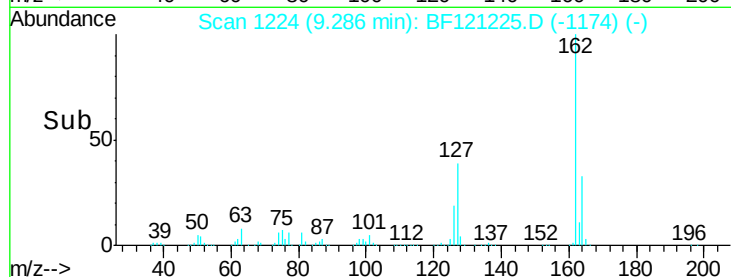
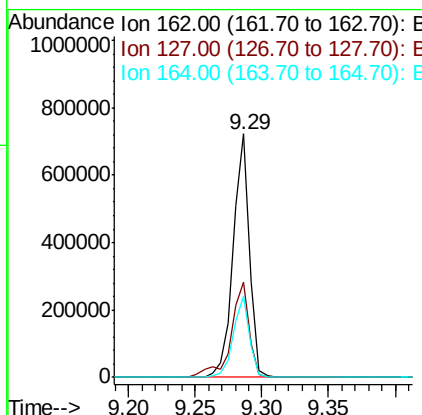
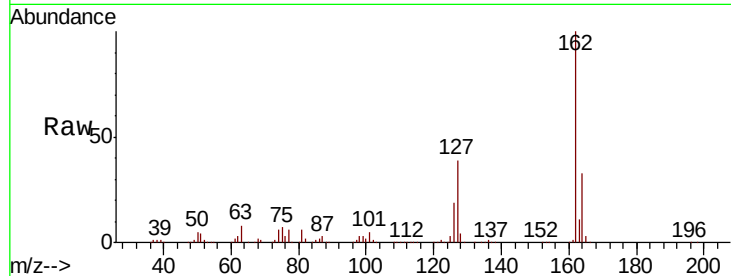




#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

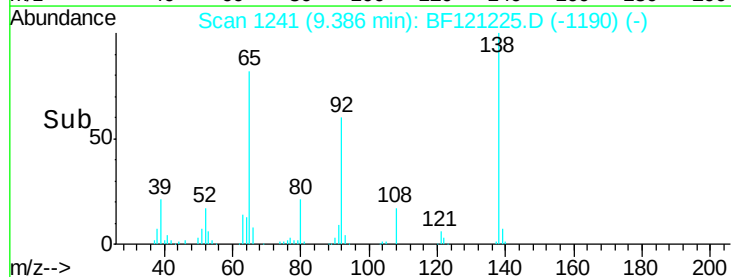
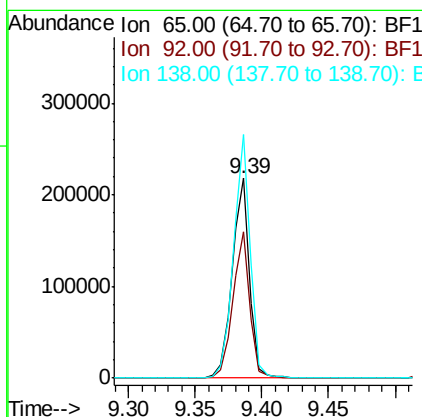
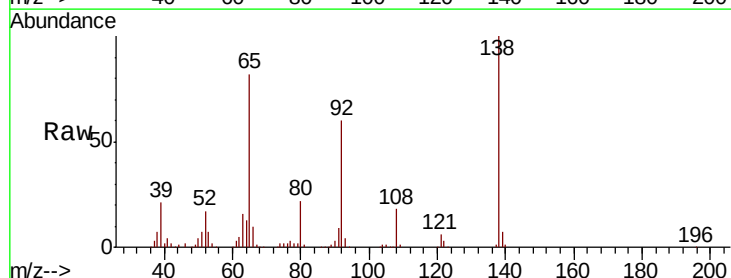
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

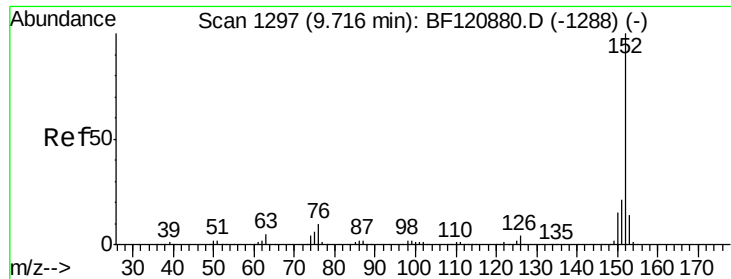
Tot Ion:	162	Resp:	624703
Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	33.1	26.6	40.0



#48
 2-Nitroaniline
 Concen: 42.759 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:	65	Resp:	200143
Ion	Ratio	Lower	Upper
65	100		
92	72.9	58.0	87.0
138	121.8	93.3	139.9





#49

Acenaphthylene

Concen: 40.312 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

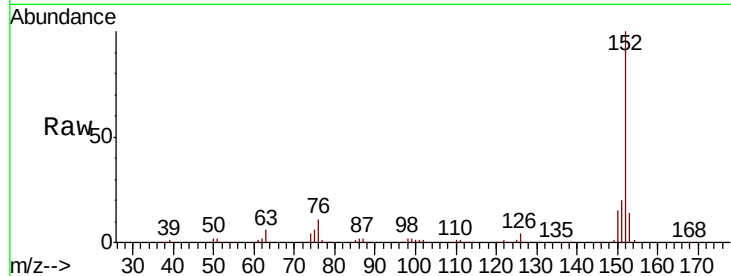
Tot Ion:152 Resp: 969974

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

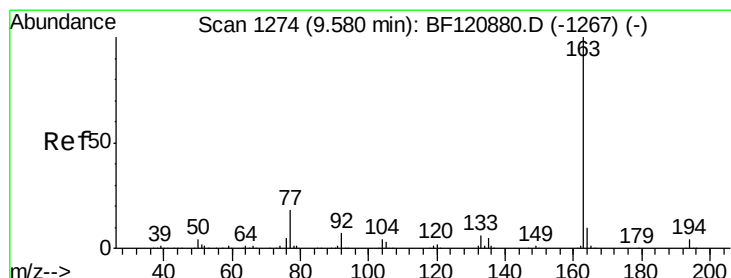
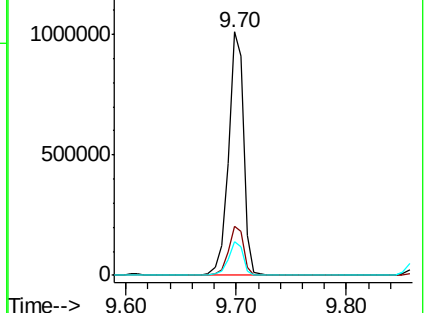
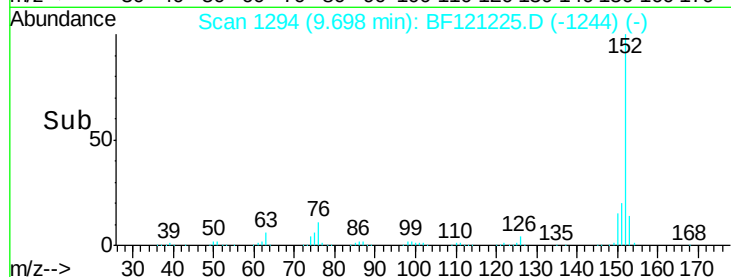
153 13.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.538 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

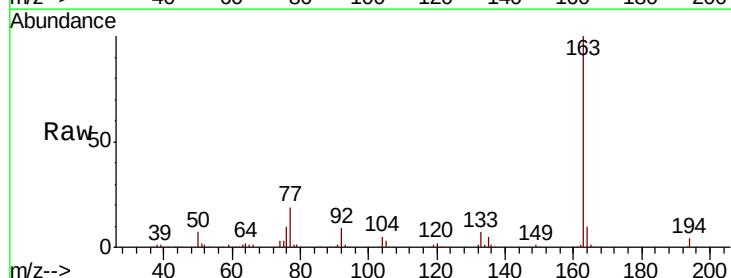
Tgt Ion:163 Resp: 746315

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

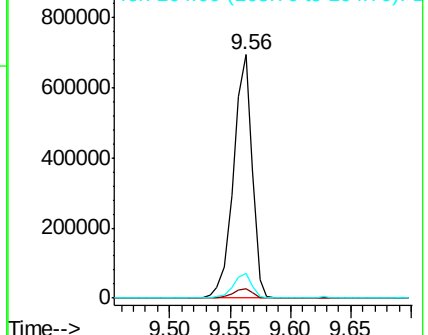
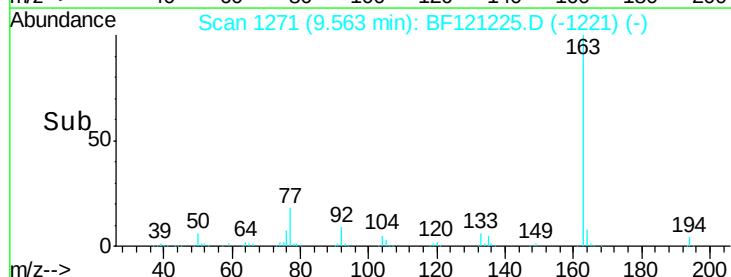
164 10.0 8.4 12.6

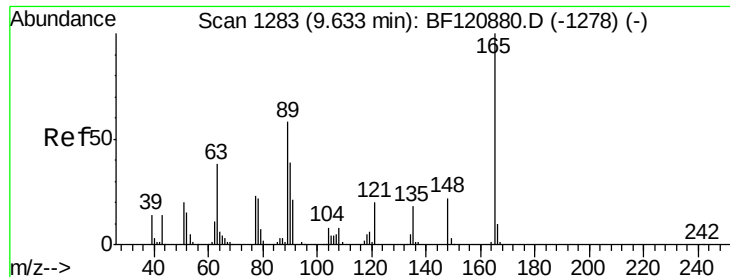


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

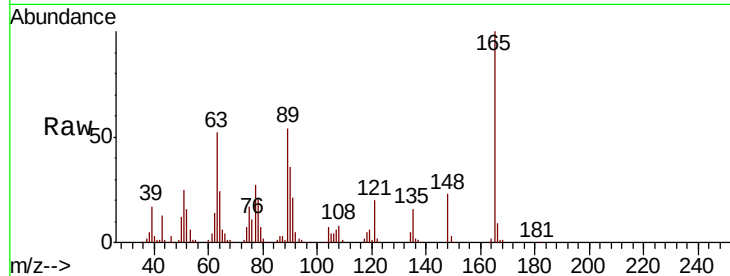




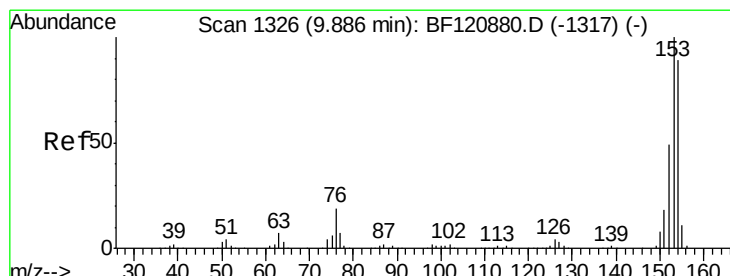
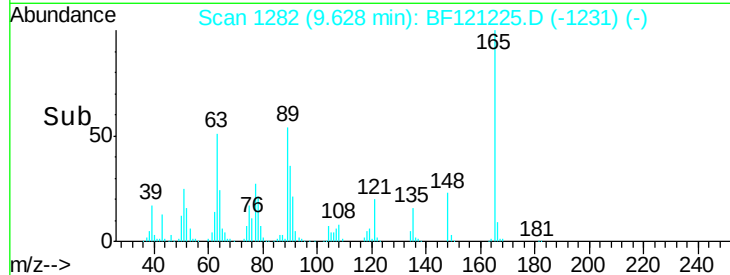
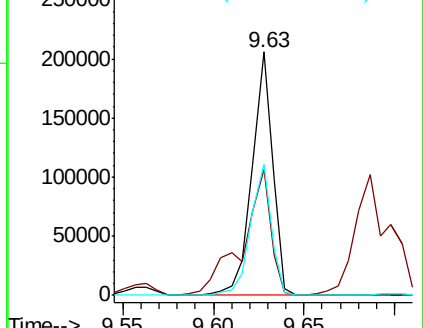
#51
 2,6-Dinitrotoluene
 Concen: 42.450 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.5	41.1	61.7
89	53.9	43.5	65.3

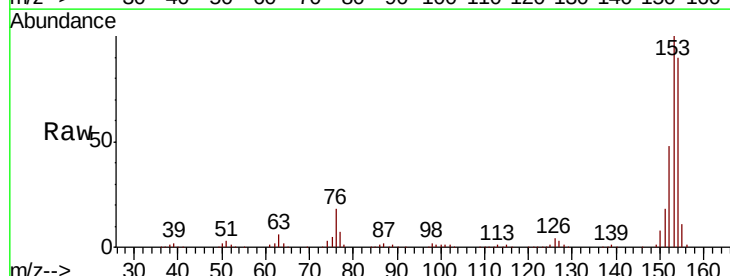


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

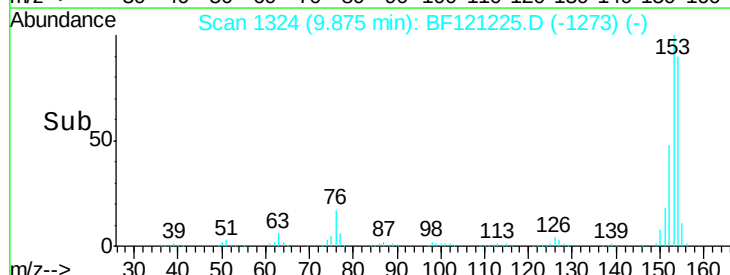
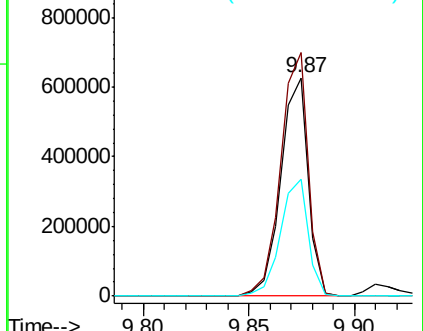


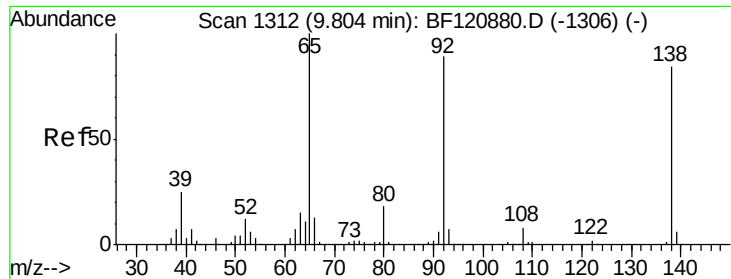
#52
 Acenaphthene
 Concen: 37.275 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.6	134.4
152	53.5	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

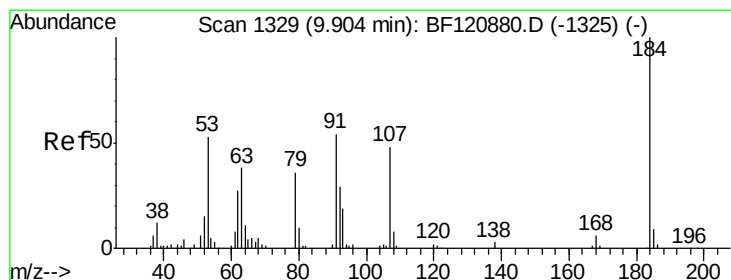
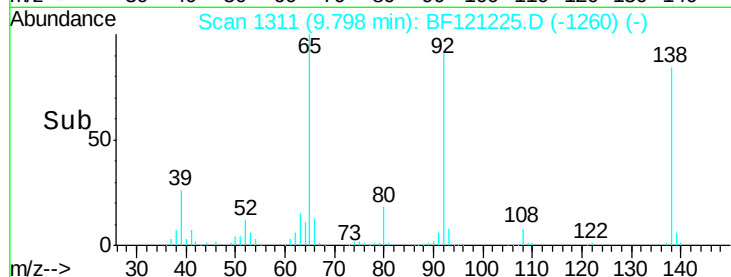
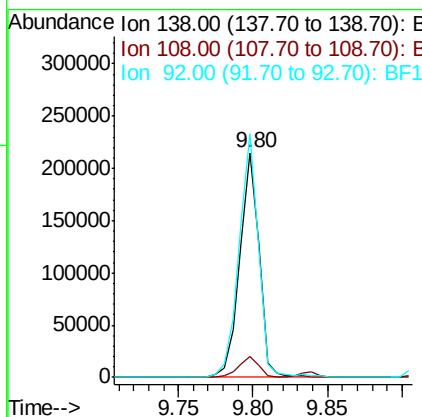
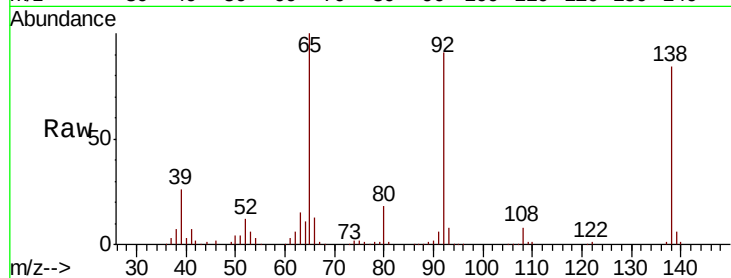




#53
3-Nitroaniline
Concen: 40.402 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

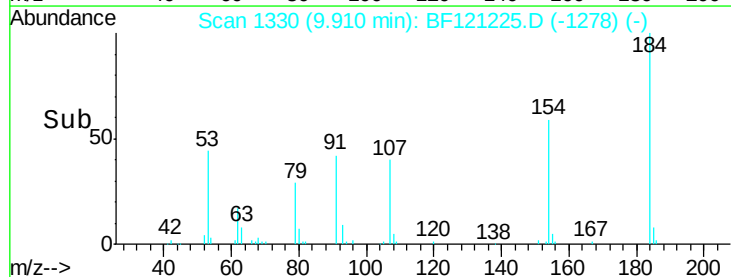
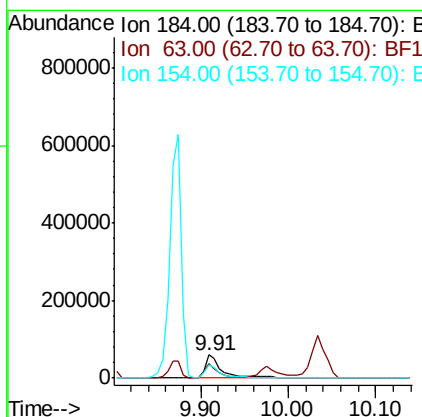
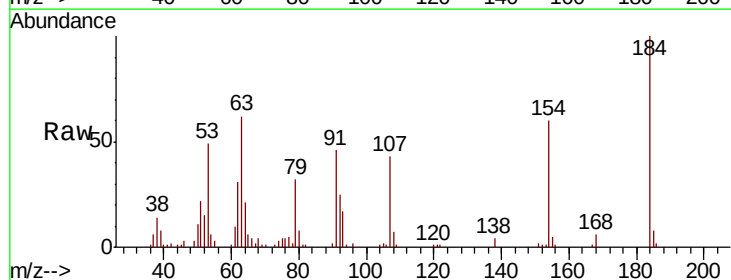
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

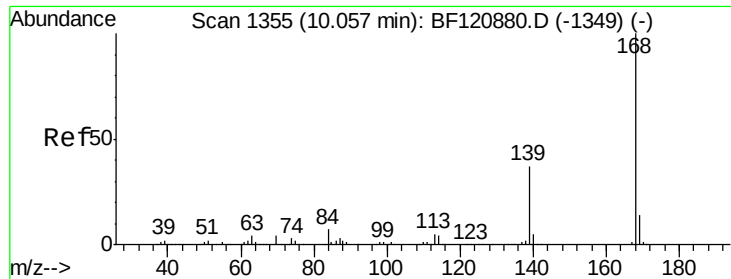
Tot Ion:138 Resp: 195594
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.8
92 108.3 85.0 127.4



#54
2,4-Dinitrophenol
Concen: 38.735 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:184 Resp: 77501
Ion Ratio Lower Upper
184 100
63 62.0 42.5 63.7
154 59.6 46.8 70.2

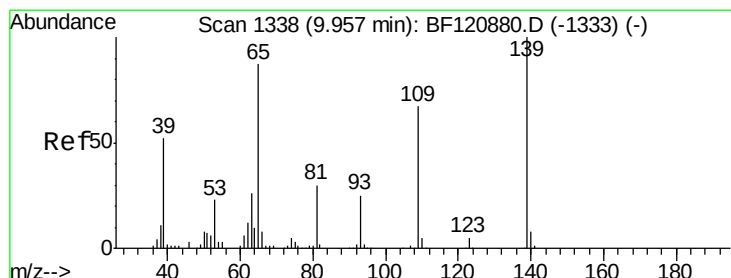
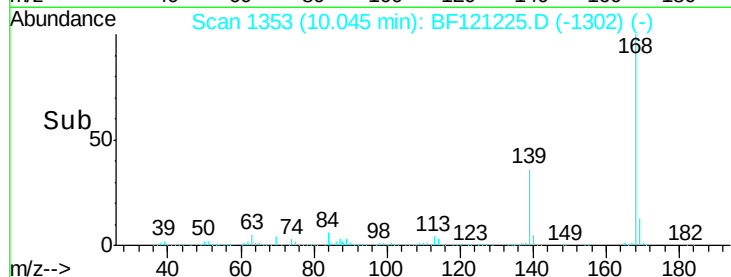
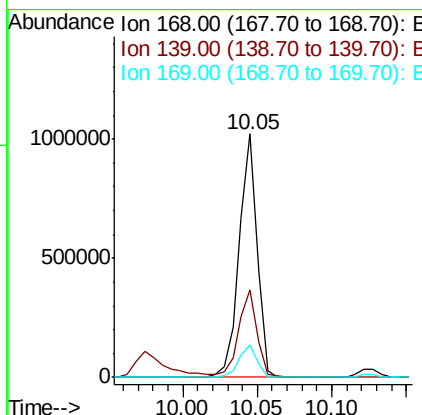
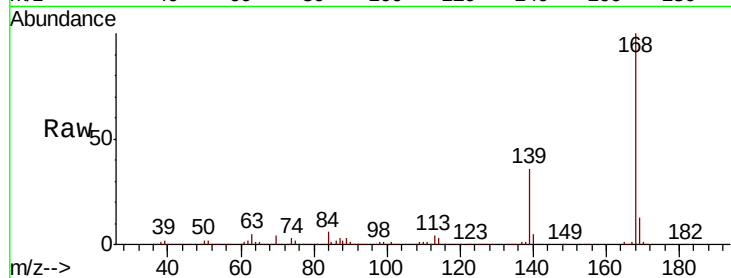




#55
Dibenzofuran
Concen: 39.031 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

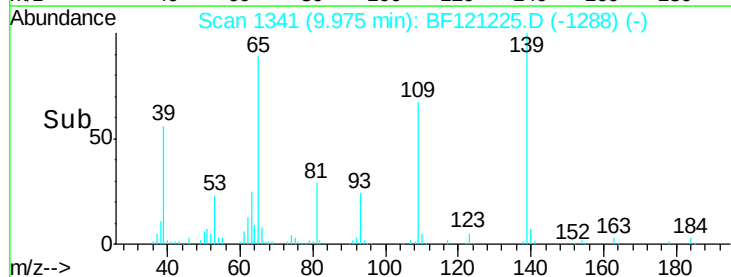
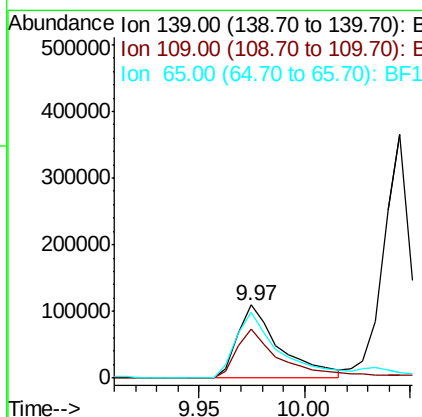
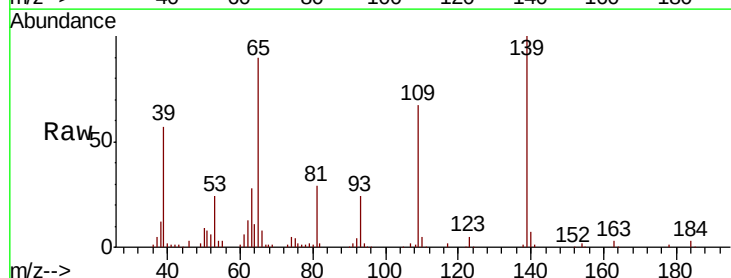
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

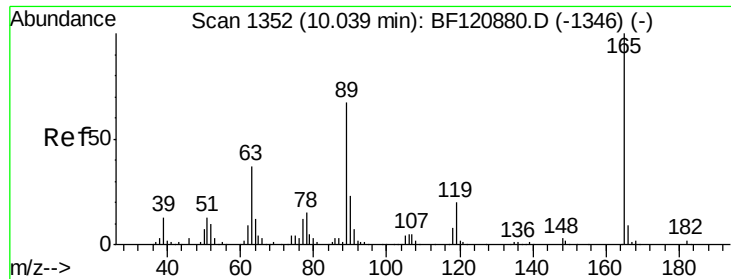
Tot Ion:168 Resp: 863448
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 41.537 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:139 Resp: 152753
Ion Ratio Lower Upper
139 100
109 66.7 44.8 84.8
65 89.6 65.6 105.6

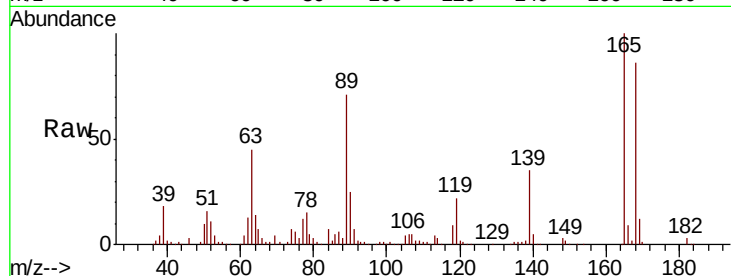




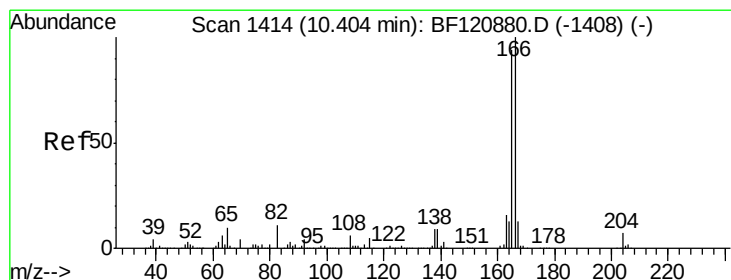
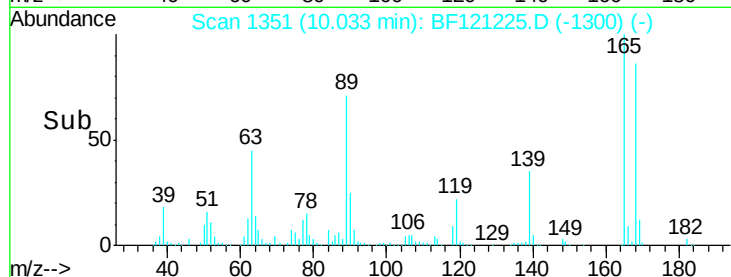
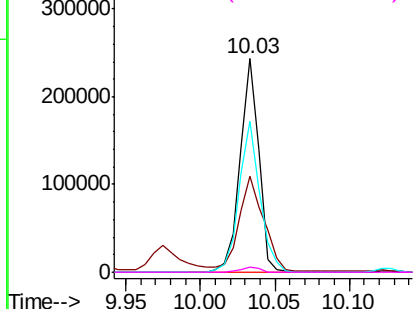
#57
2,4-Dinitrotoluene
Concen: 42.025 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	213025
Ion Ratio	Lower	Upper
165	100	
63	45.0	29.8 44.8#
89	70.8	50.3 75.5
182	2.6	2.1 3.1

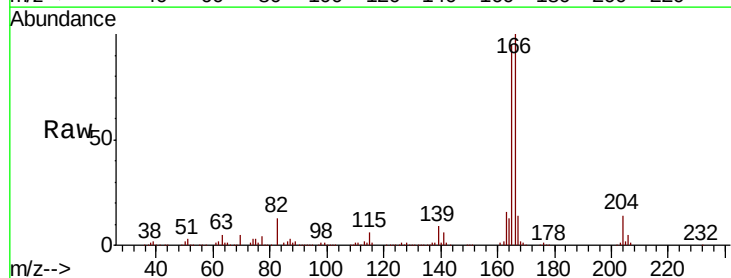


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

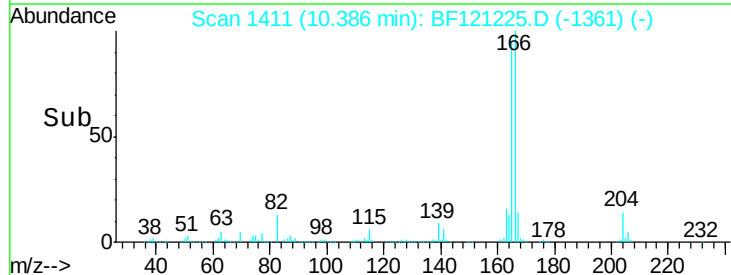
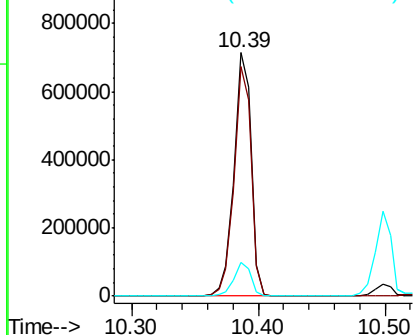


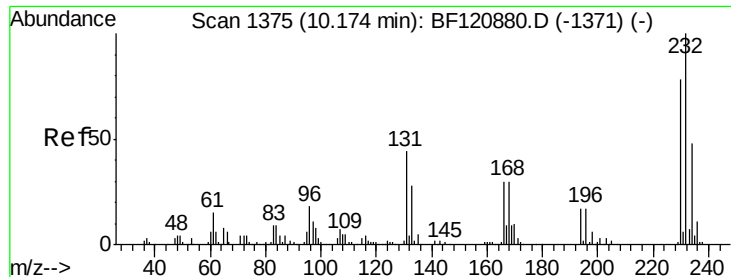
#58
Fluorene
Concen: 40.208 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:166	Resp:	663395
Ion Ratio	Lower	Upper
166	100	
165	94.5	76.4 114.6
167	13.9	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

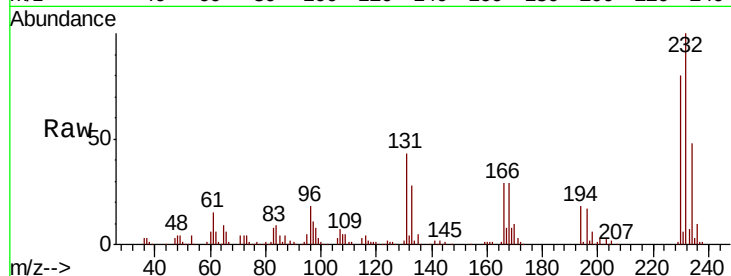




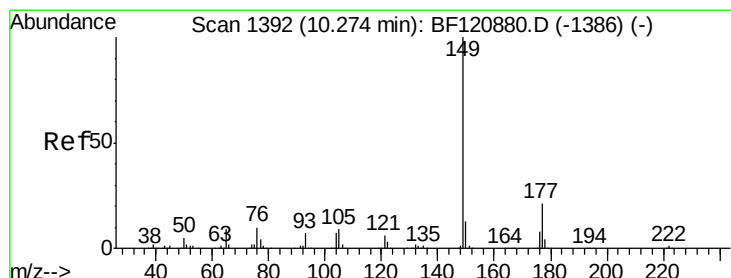
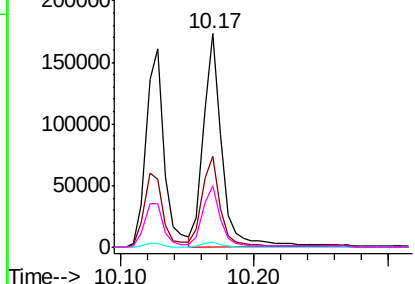
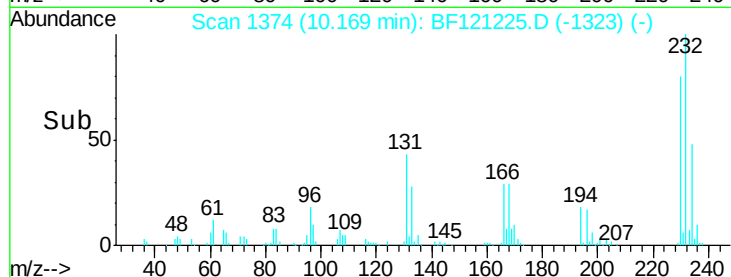
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.137 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	163862
Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.2	51.2
130	2.2	1.7	2.5
166	28.5	23.1	34.7

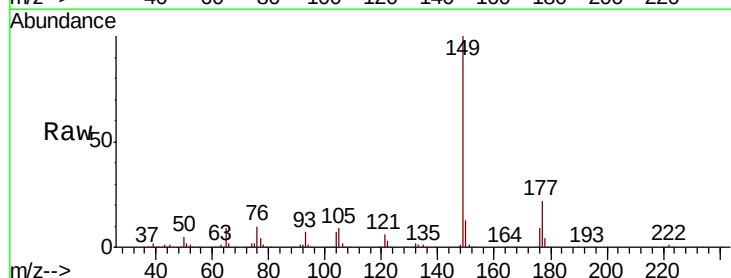


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

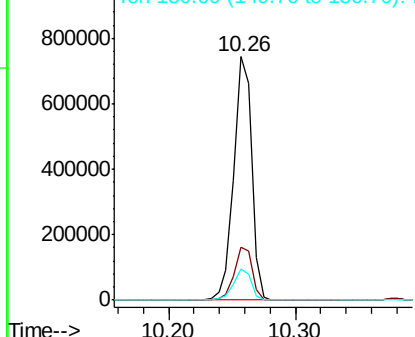
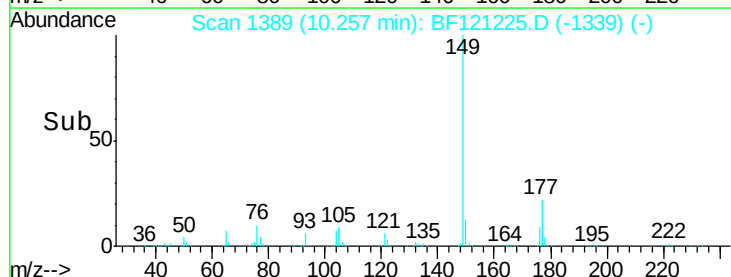


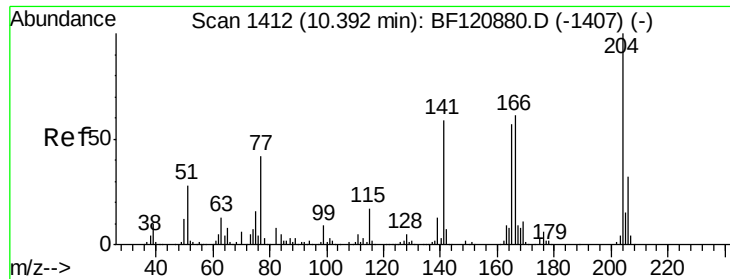
#60
 Diethylphthalate
 Concen: 39.679 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:	149	Resp:	721101
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.7	10.2	15.4



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

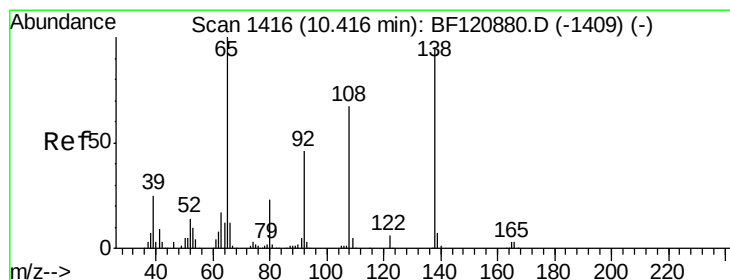
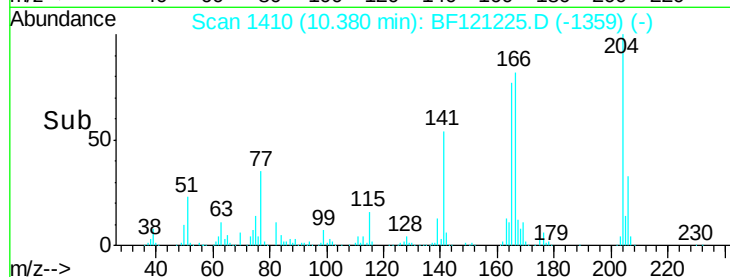
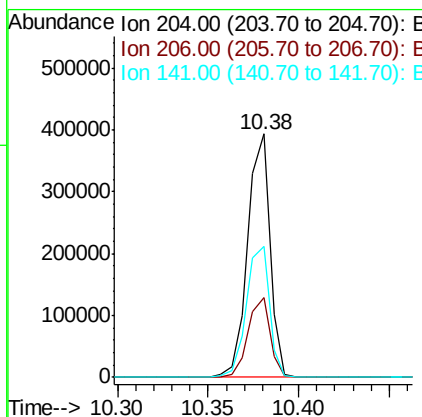
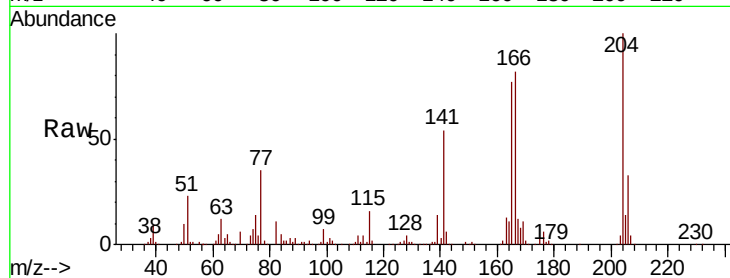




#61
 4-Chlorophenyl-phenylether
 Concen: 38.304 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

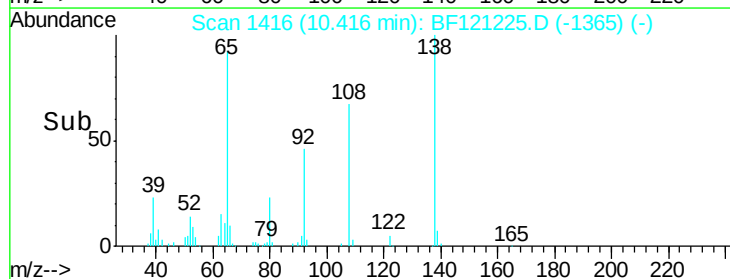
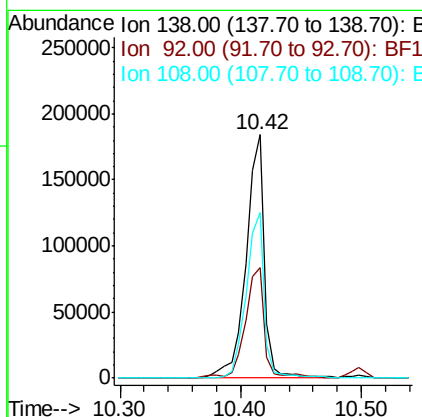
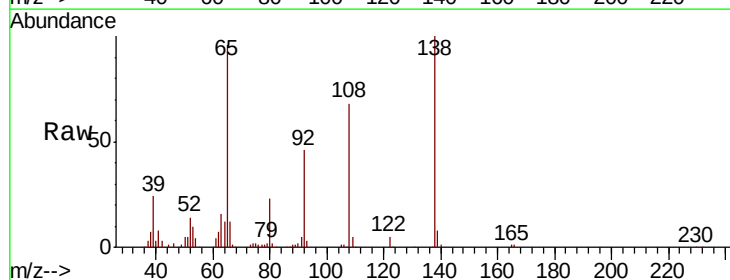
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

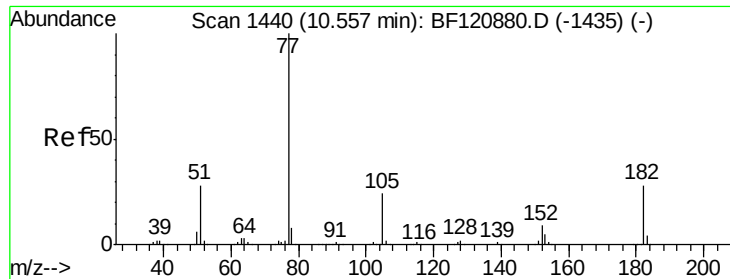
Tot Ion:	204	Resp:	337079
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	54.1	46.9	70.3



#62
 4-Nitroaniline
 Concen: 41.478 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:	138	Resp:	195601
Ion	Ratio	Lower	Upper
138	100		
92	45.6	25.2	65.2
108	67.8	46.7	86.7





#63

Azobenzene

Concen: 39.373 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 681191

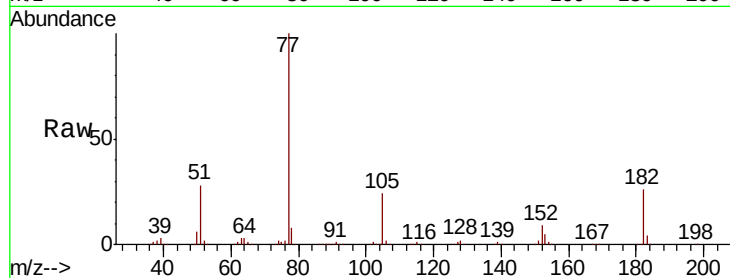
Ion Ratio Lower Upper

77 100

182 26.1 4.5 44.5

105 23.7 3.4 43.4

51 28.4 8.7 48.7

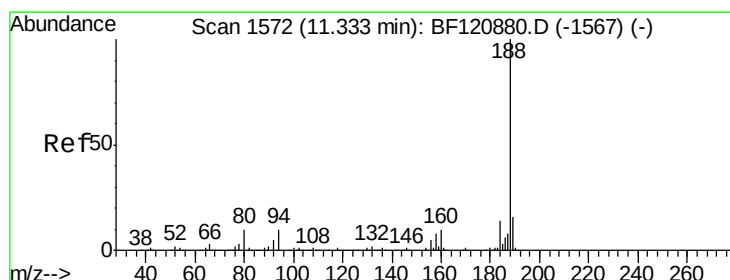
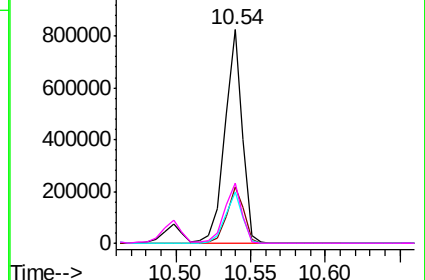
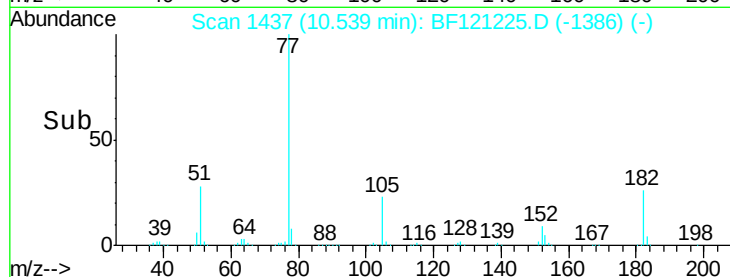


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

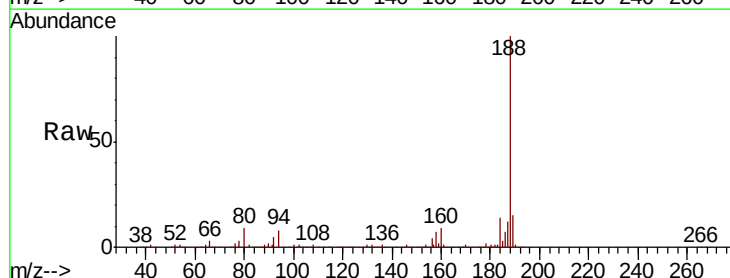
Tgt Ion: 188 Resp: 476130

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

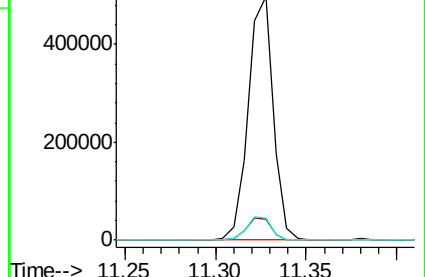
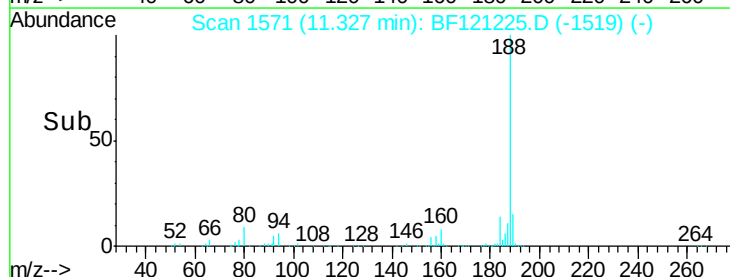
80 9.0 8.3 12.5

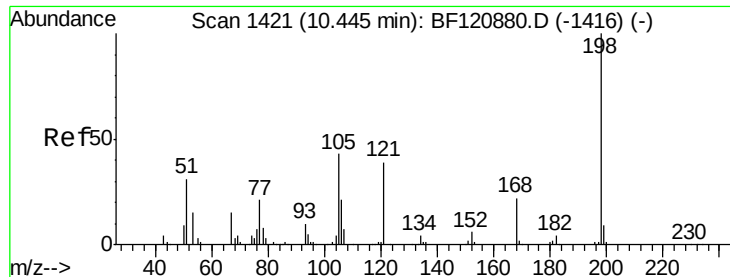


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.726 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

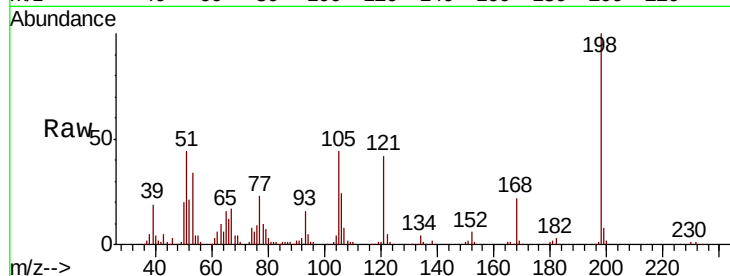
Tot Ion:198 Resp: 110482

Ion Ratio Lower Upper

198 100

51 44.3 23.4 63.4

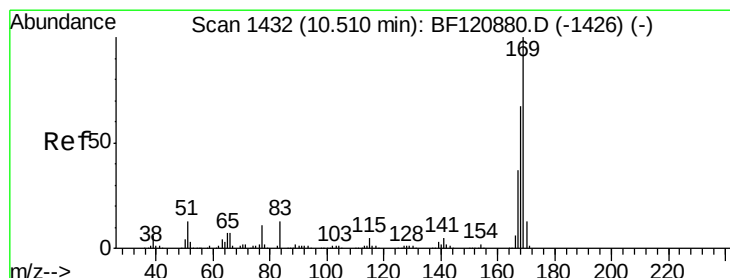
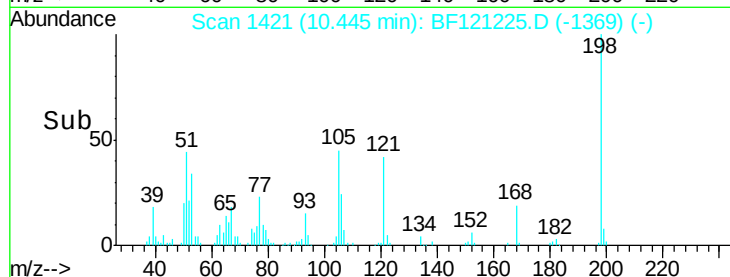
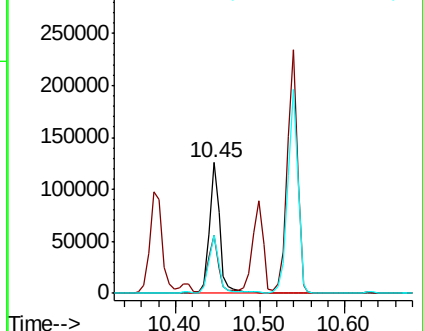
105 44.4 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.572 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

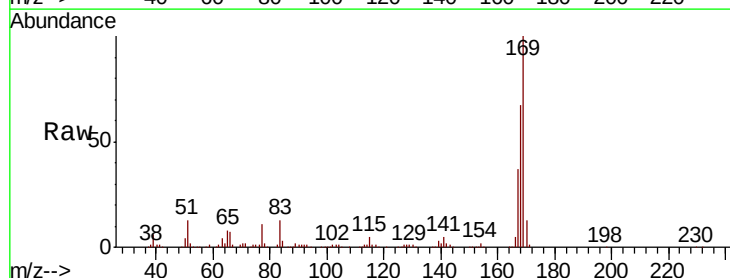
Tgt Ion:169 Resp: 607694

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

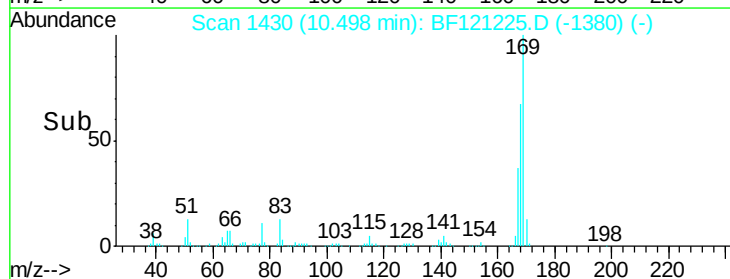
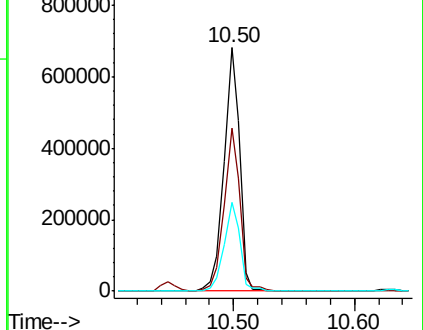
167 36.7 30.0 45.0

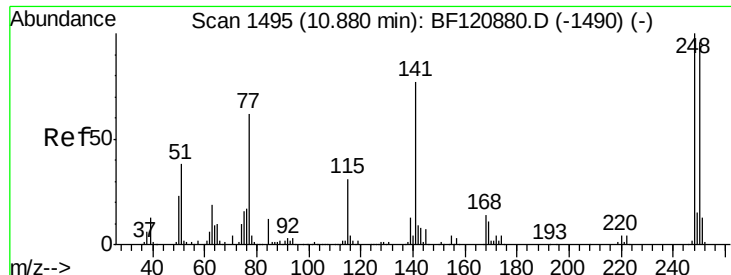


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

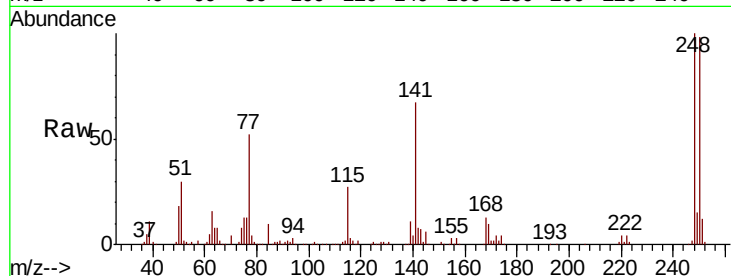




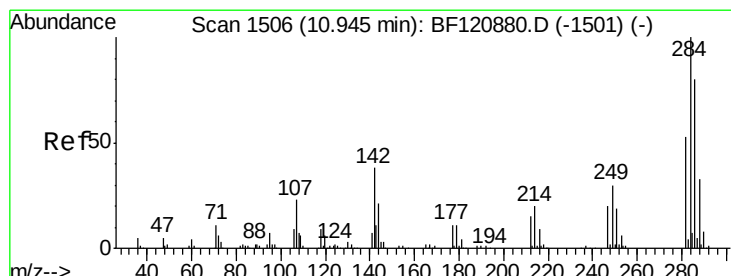
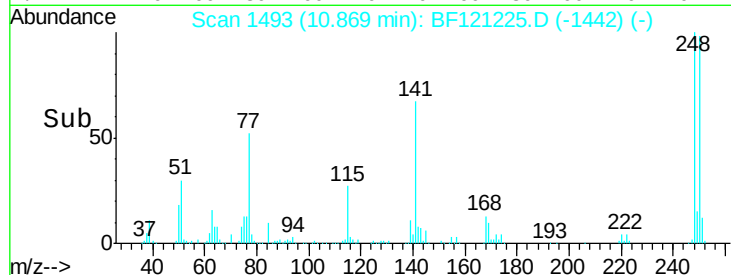
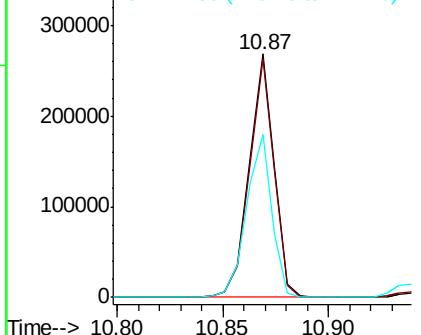
#67
 4-Bromophenyl-phenylether
 Concen: 41.599 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.6
141	67.0	56.6	85.0

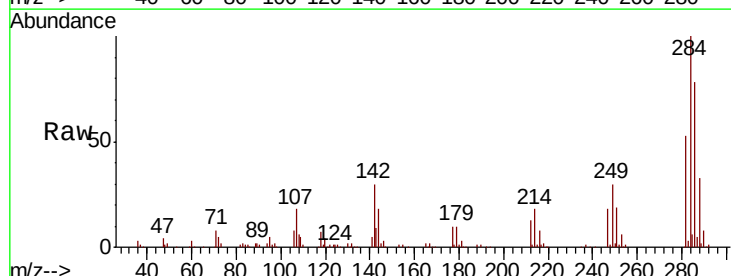


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

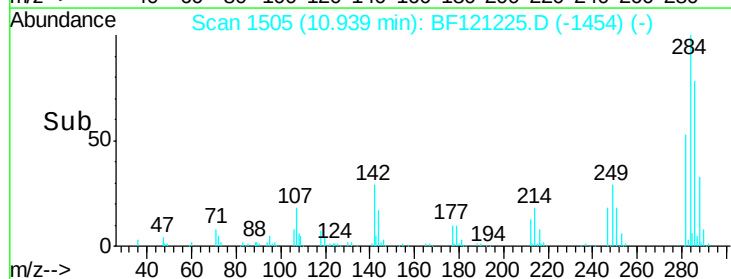
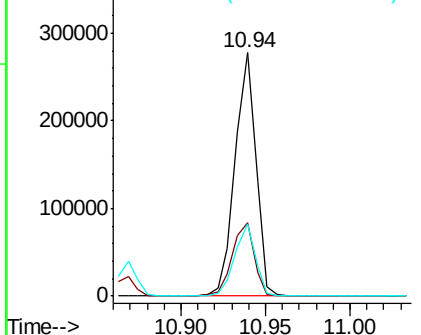


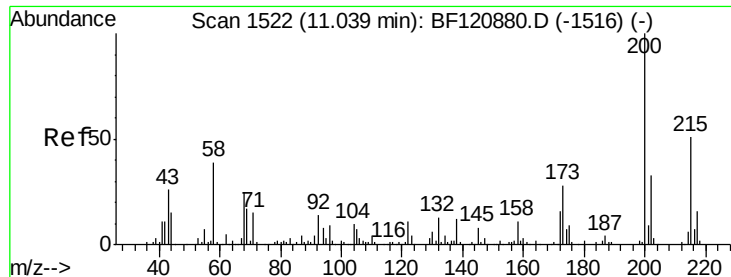
#68
 Hexachlorobenzene
 Concen: 41.644 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	21.1	31.7
249	29.7	22.5	33.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

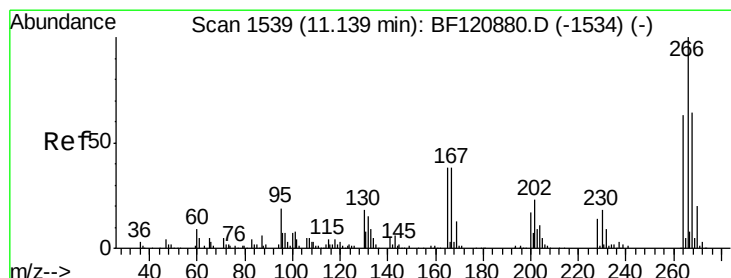
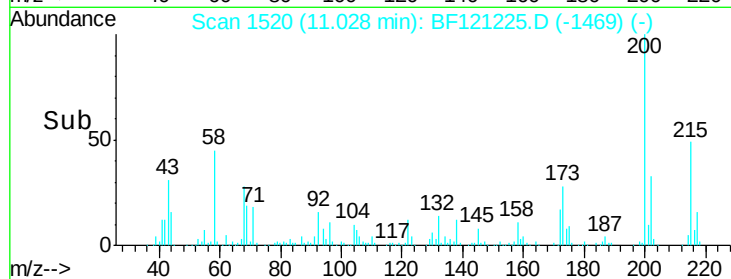
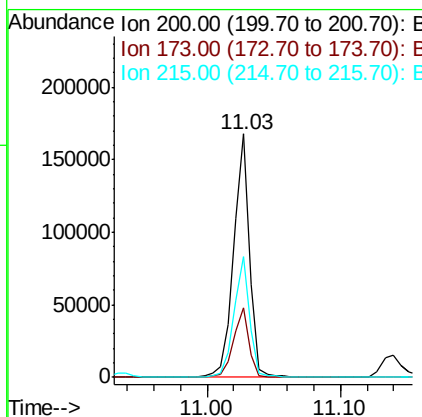
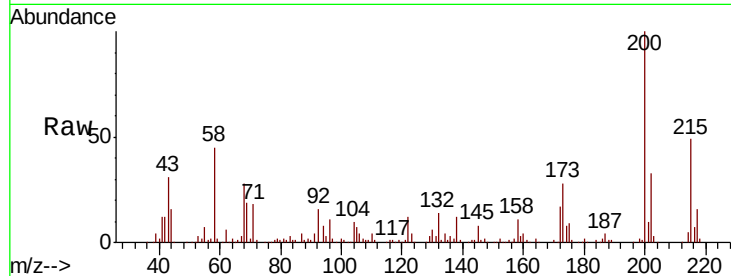




#69
 Atrazine
 Concen: 38.102 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

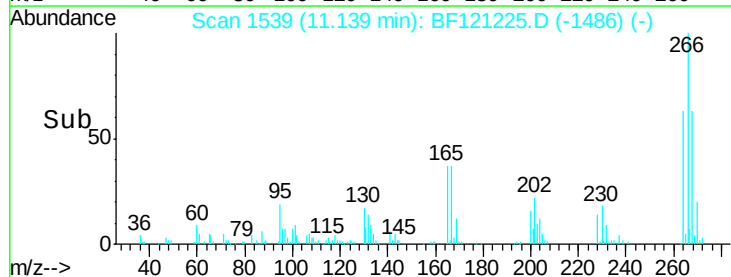
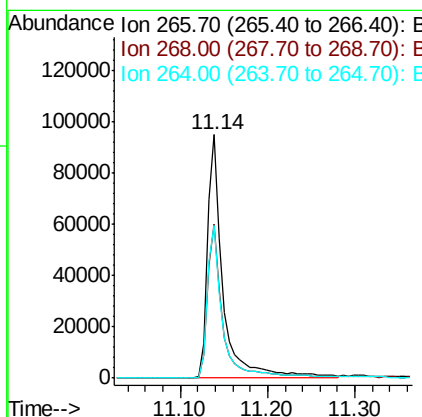
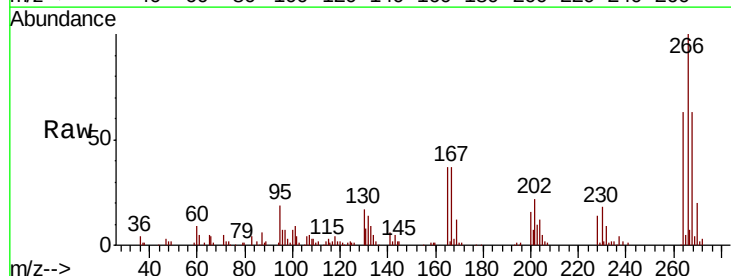
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

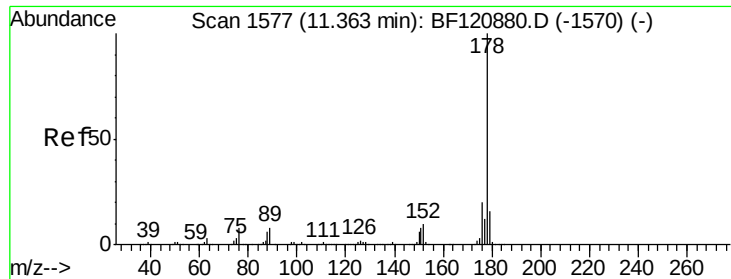
Tot Ion:200 Resp: 141338
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.6 47.6
 215 49.5 28.8 68.8



#70
 Pentachlorophenol
 Concen: 35.563 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:266 Resp: 116993
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.7 74.5
 264 62.9 50.4 75.6





#71

Phenanthrene

Concen: 39.841 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

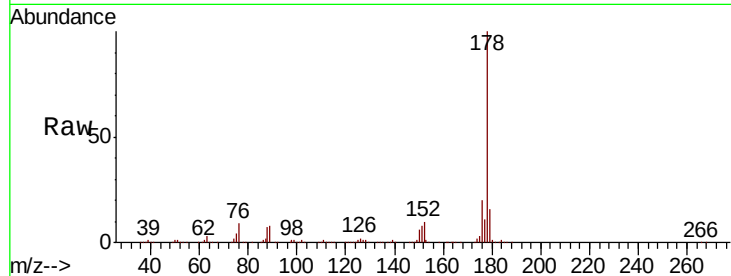
Tot Ion:178 Resp: 975605

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

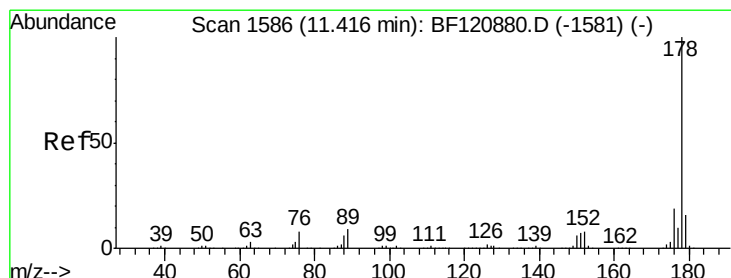
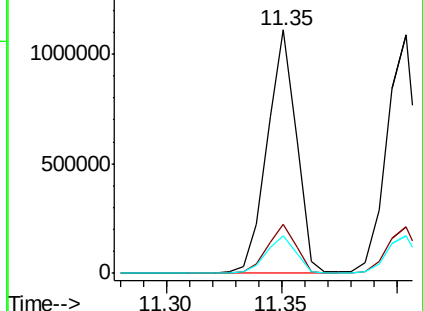
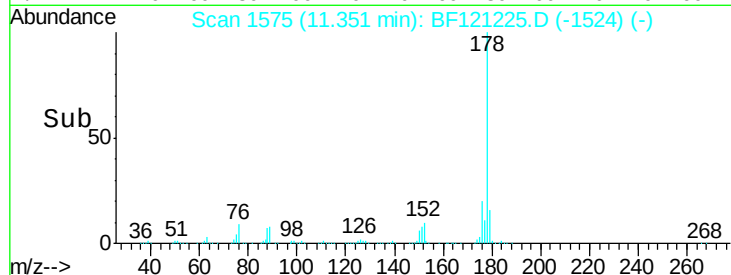
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.256 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

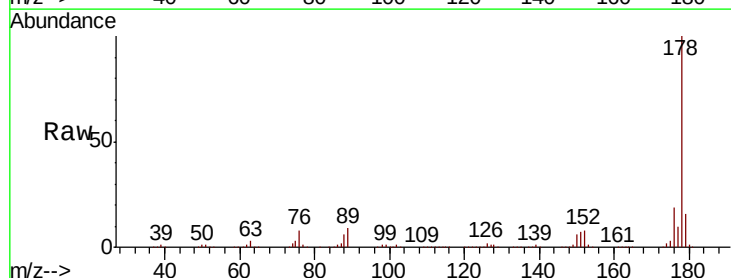
Tgt Ion:178 Resp: 989859

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

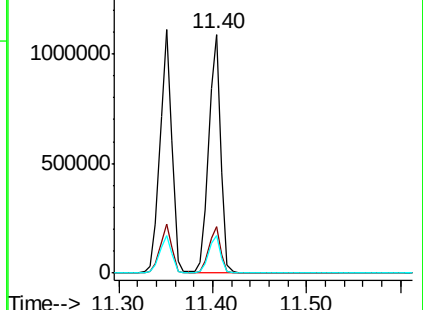
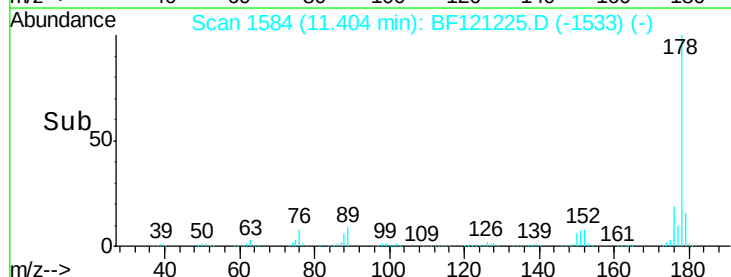
179 15.7 12.6 19.0

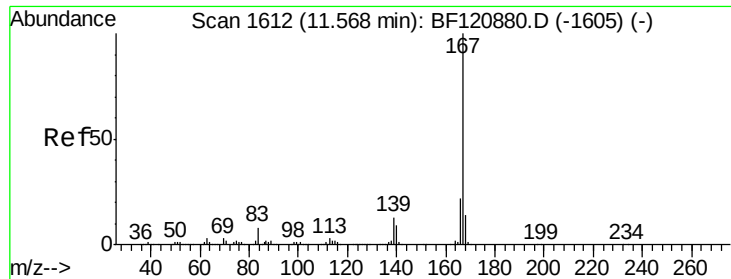


Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

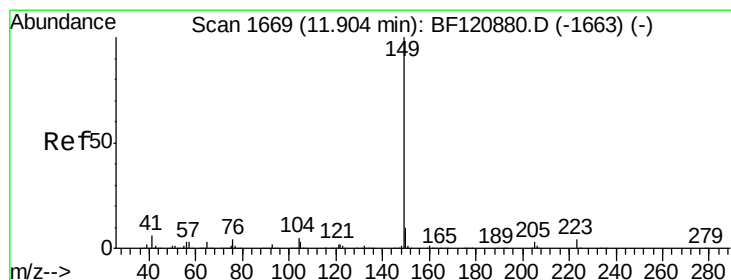
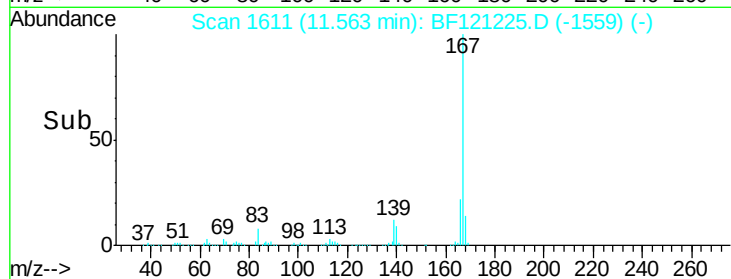
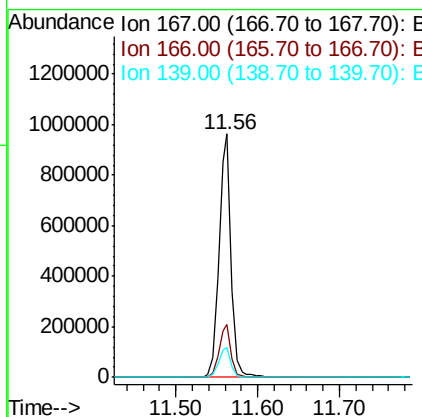
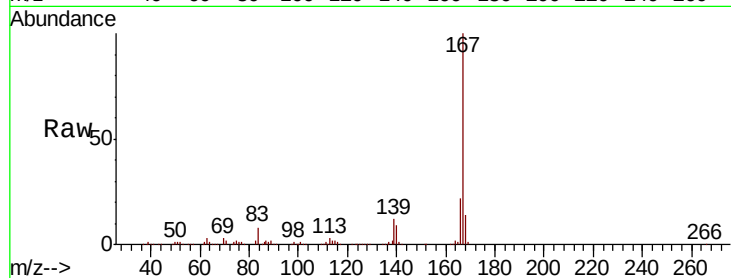




#73
 Carbazole
 Concen: 40.343 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

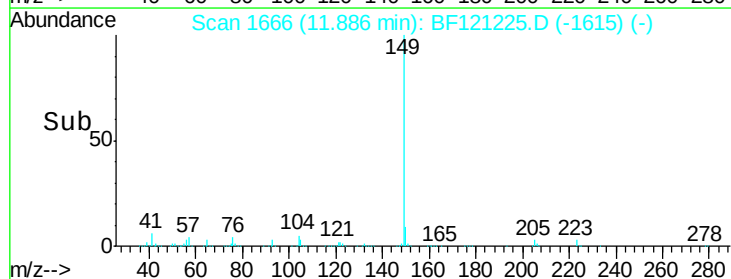
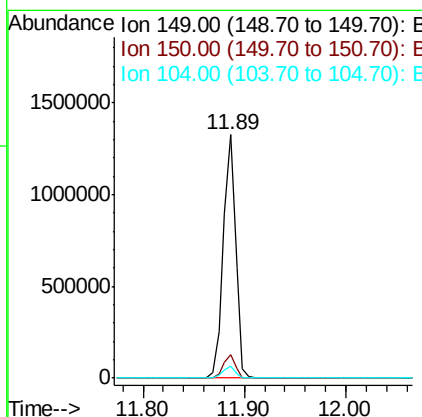
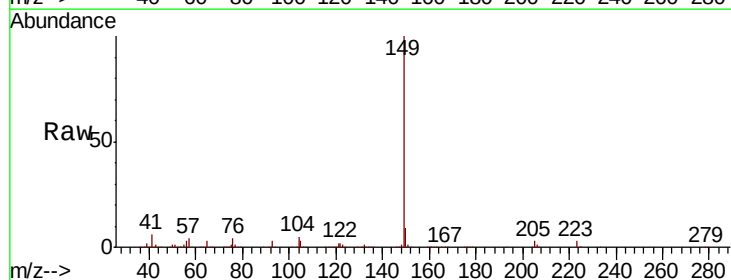
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

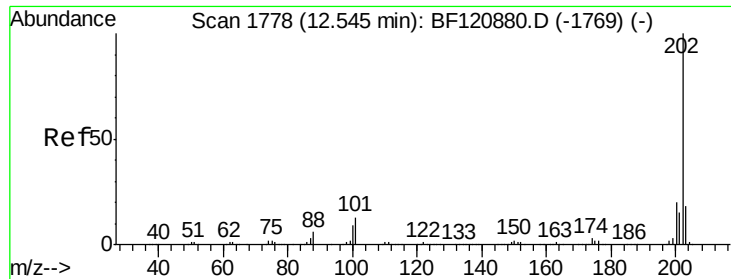
Tot Ion:167 Resp: 984469
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.941 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:149 Resp: 1124755
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 39.700 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

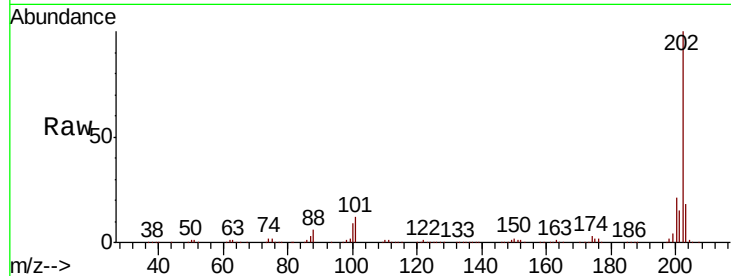
Tot Ion:202 Resp: 1077567

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.5

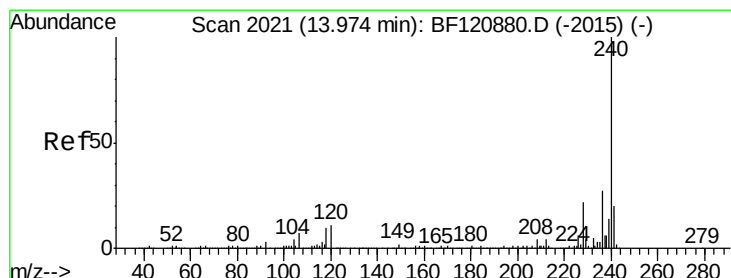
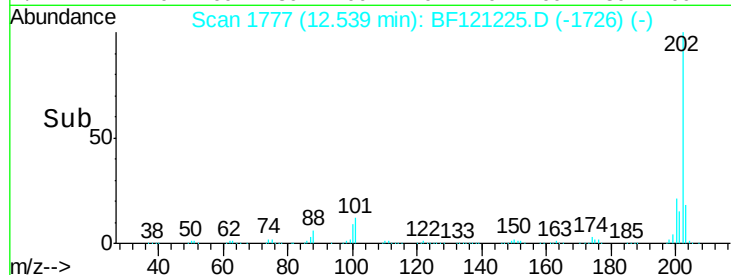
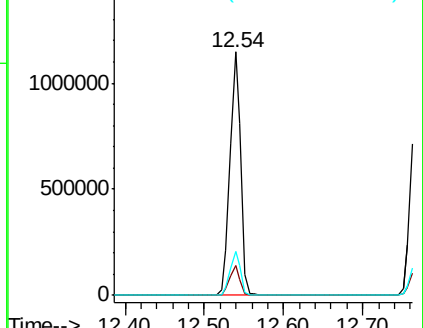
203 17.9 0.0 37.7



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: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

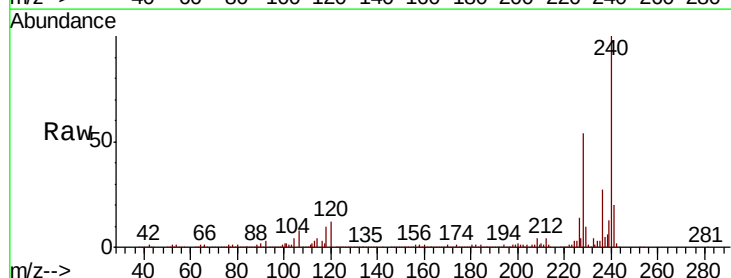
Tgt Ion:240 Resp: 353297

Ion Ratio Lower Upper

240 100

120 11.7 9.3 13.9

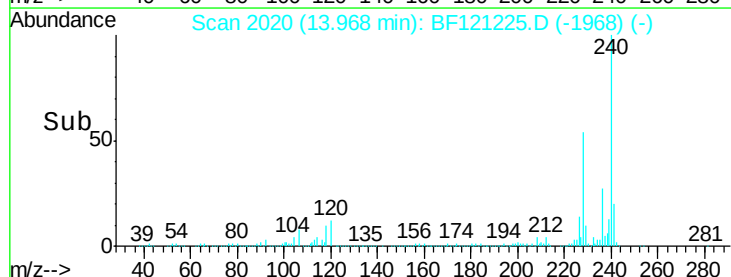
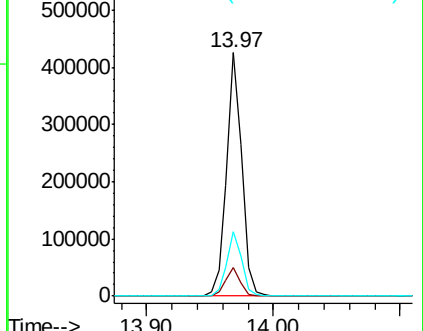
236 26.5 21.1 31.7

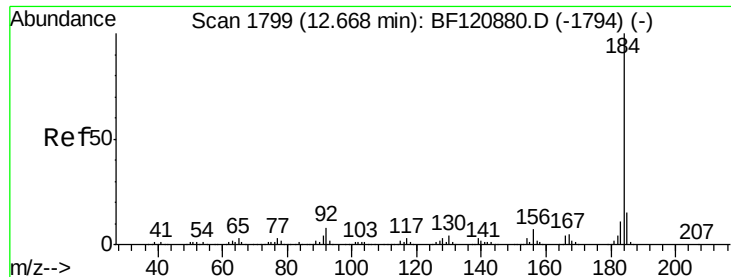


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.193 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

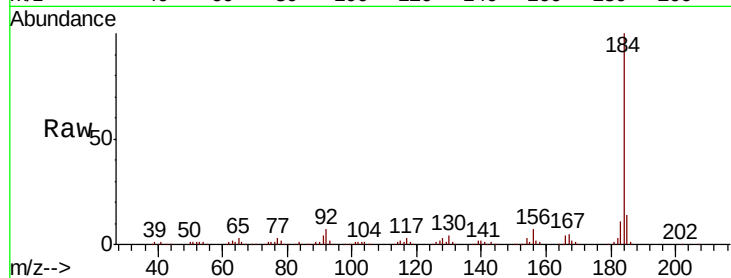
Tot Ion:184 Resp: 308323

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

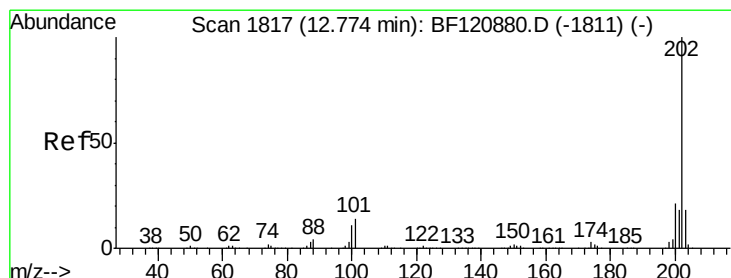
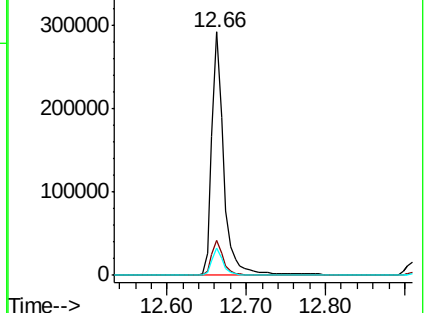
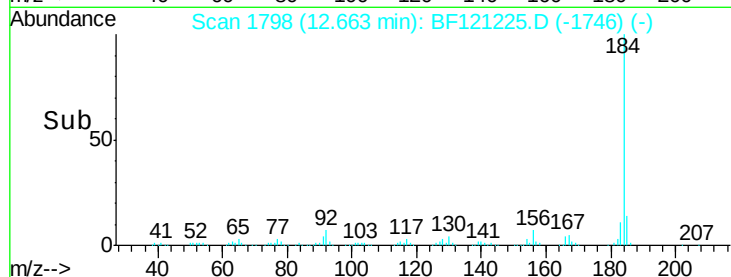
183 11.0 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.005 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

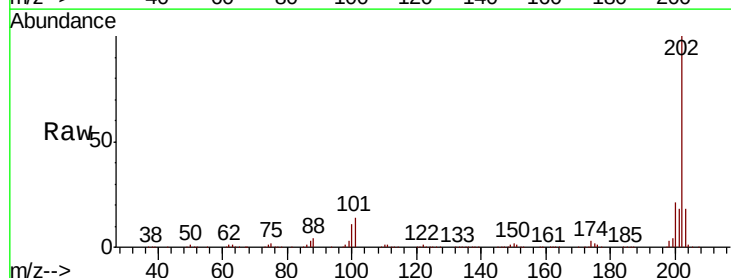
Tgt Ion:202 Resp: 1099165

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

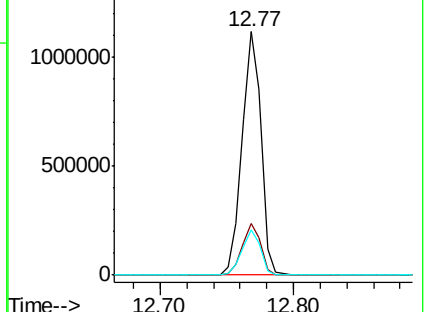
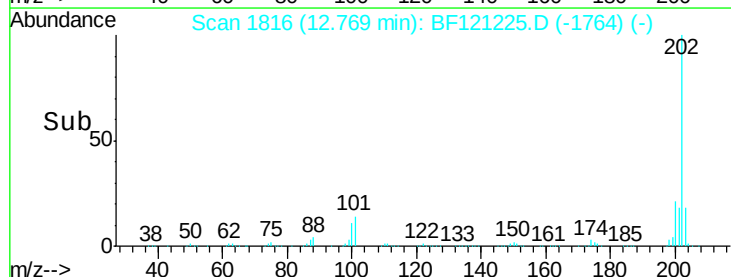
203 18.4 14.6 21.8

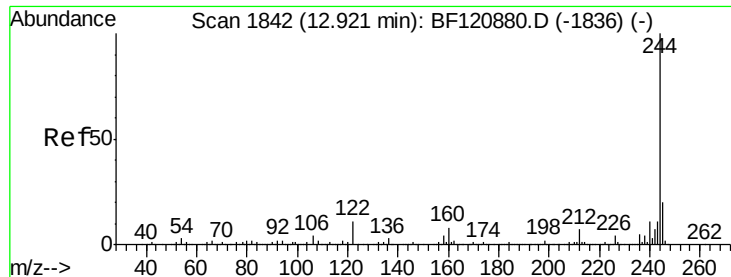


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.653 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

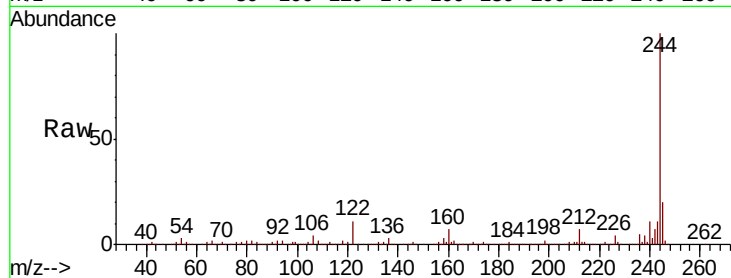
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1327072

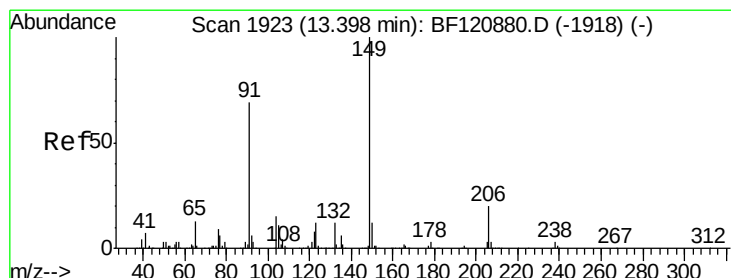
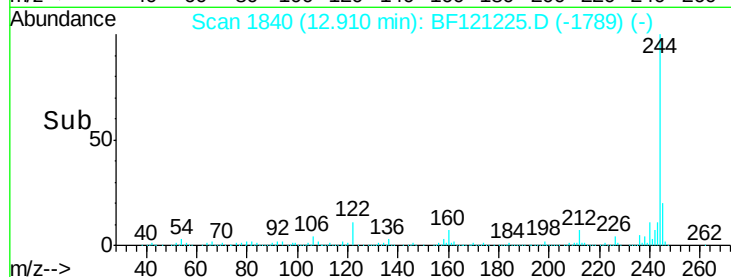
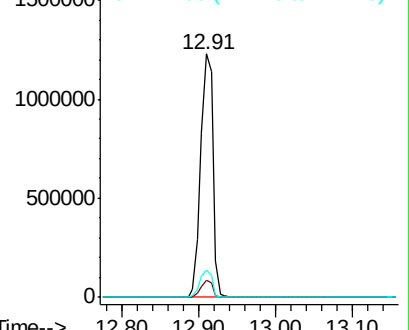
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.2	8.3	12.5



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: 43.226 ng

RT: 13.39 min Scan# 1921

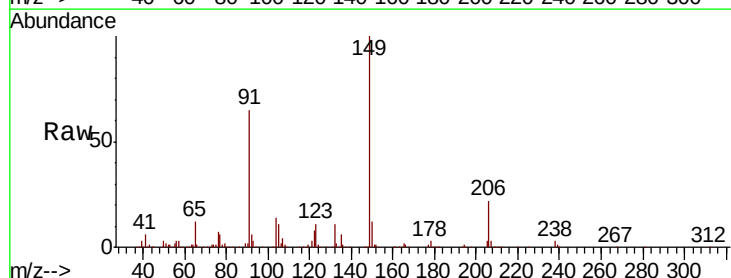
Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:149 Resp: 481315

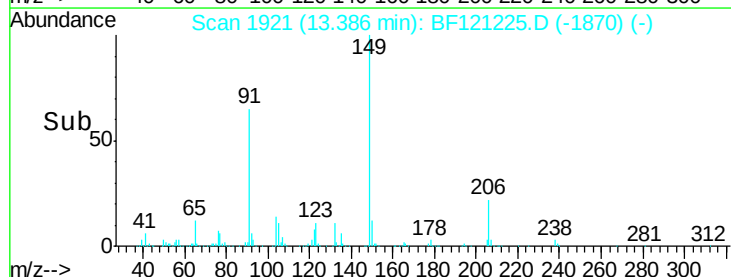
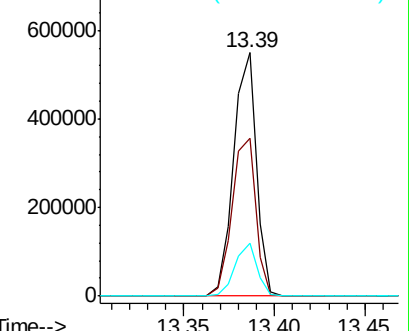
Ion	Ratio	Lower	Upper
149	100		
91	64.6	51.4	77.0
206	21.6	17.9	26.9

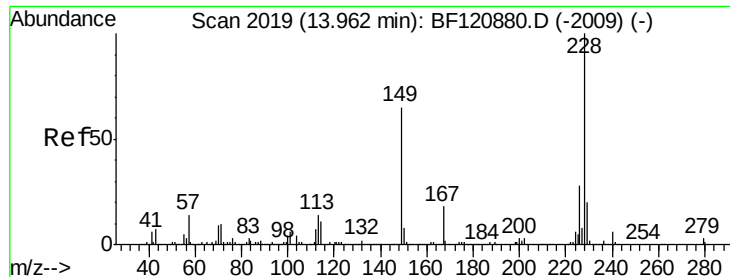


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

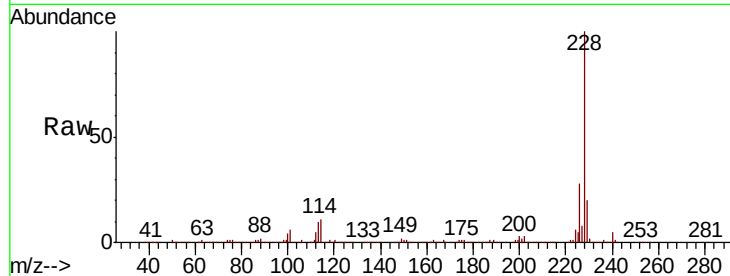




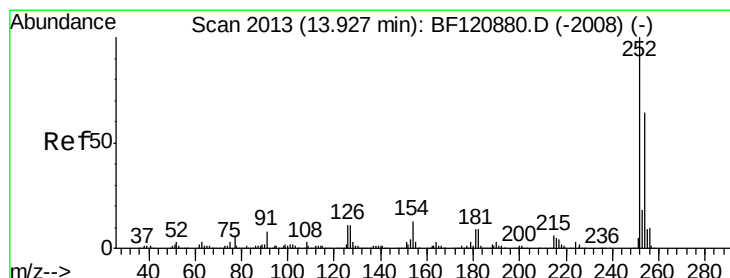
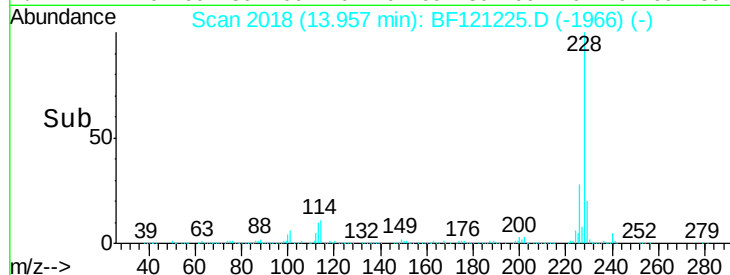
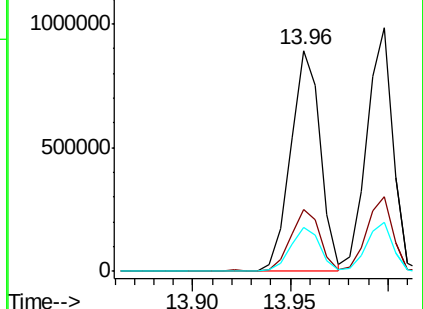
#81
Benzo(a)anthracene
Concen: 43.656 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 933962
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.1 16.1 24.1

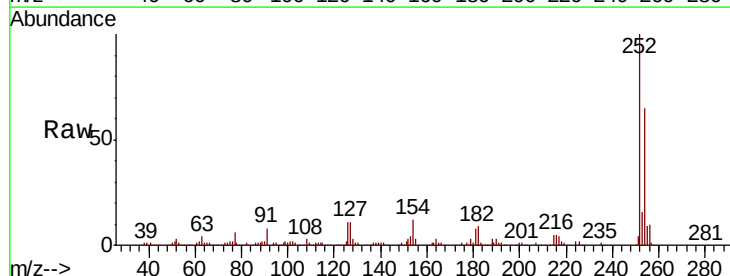


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

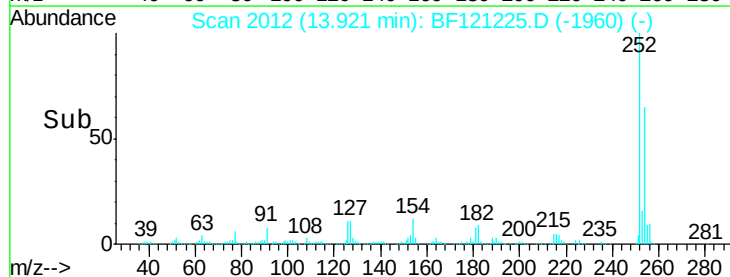
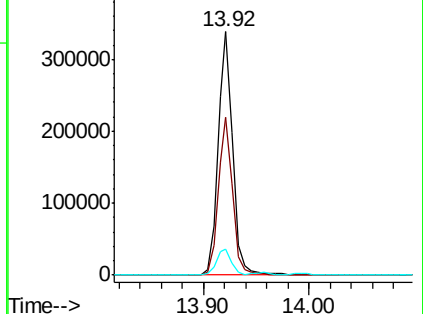


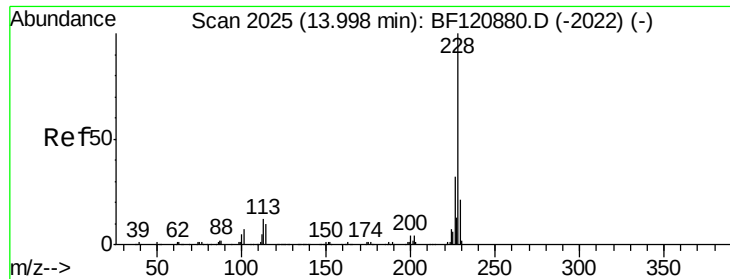
#82
3,3'-Dichlorobenzidine
Concen: 40.858 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:252 Resp: 329776
Ion Ratio Lower Upper
252 100
254 64.9 51.3 76.9
126 10.8 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.681 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

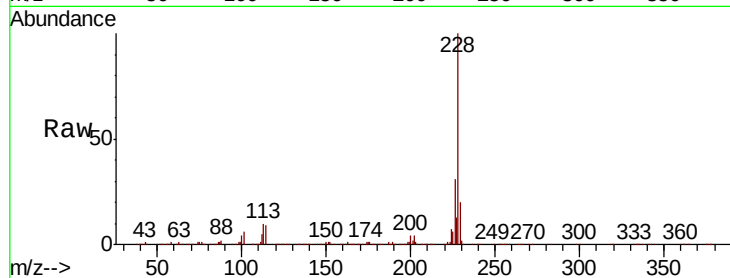
Tot Ion:228 Resp: 914627

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

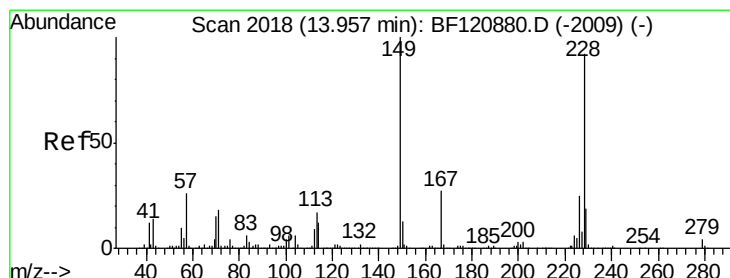
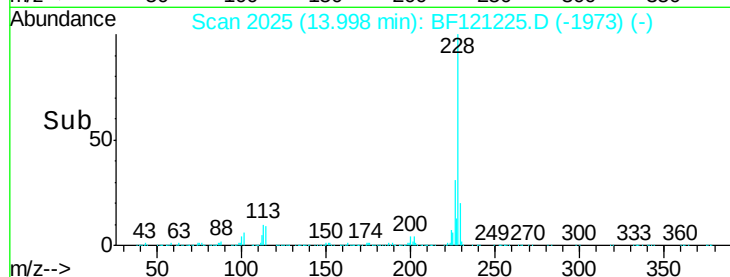
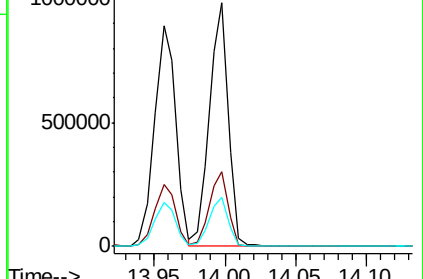
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.839 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

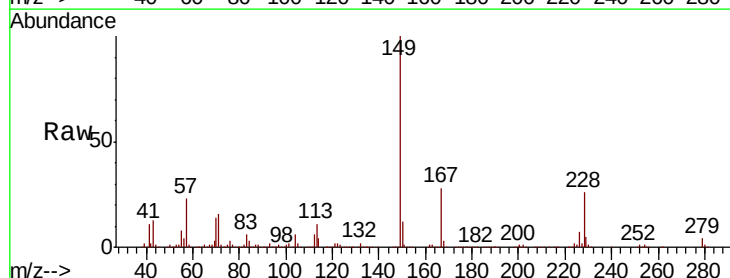
Tgt Ion:149 Resp: 643126

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

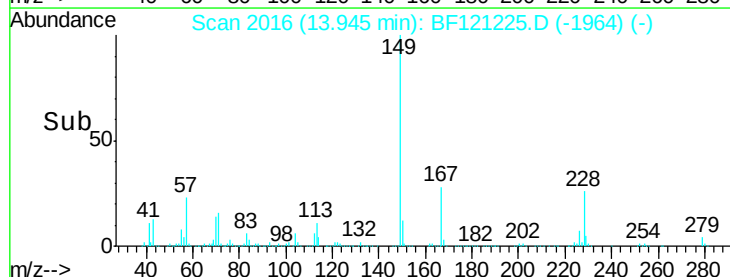
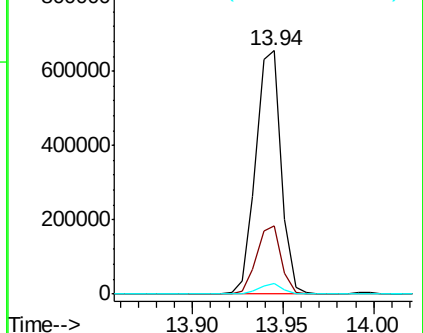
279 4.4 2.9 4.3#

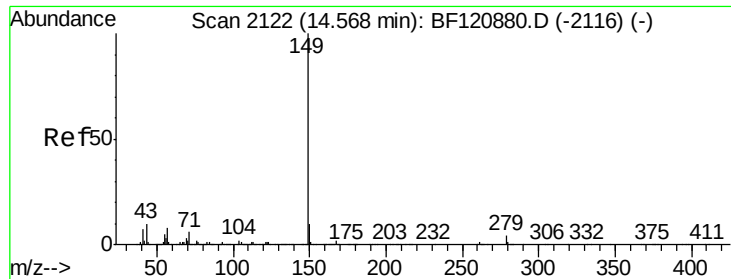


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

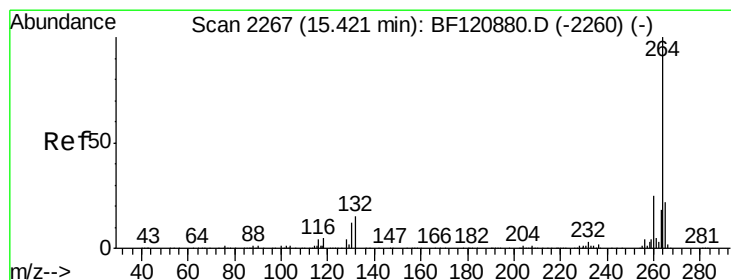
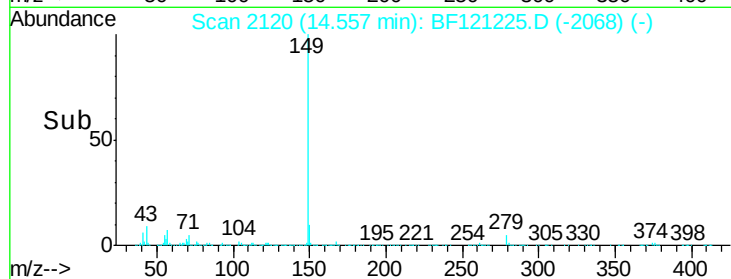
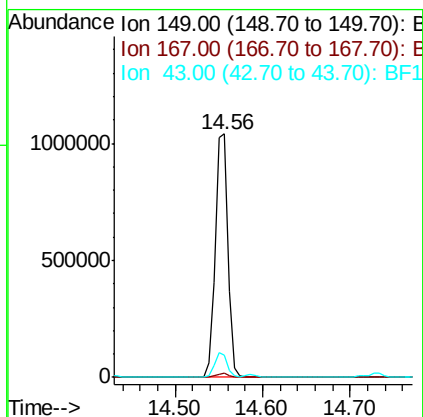
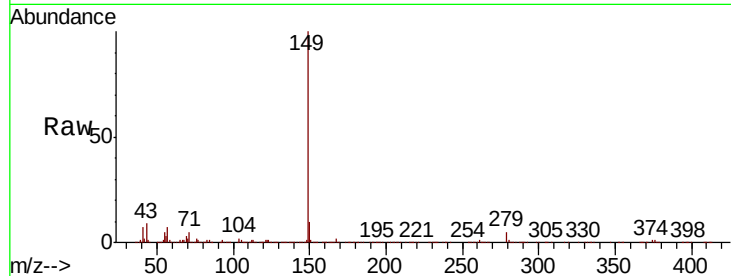




#85
Di-n-octyl phthalate
Concen: 38.389 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

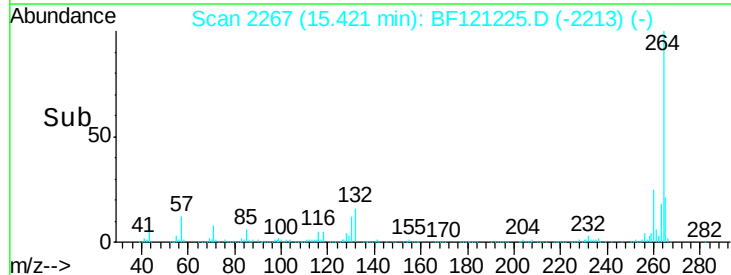
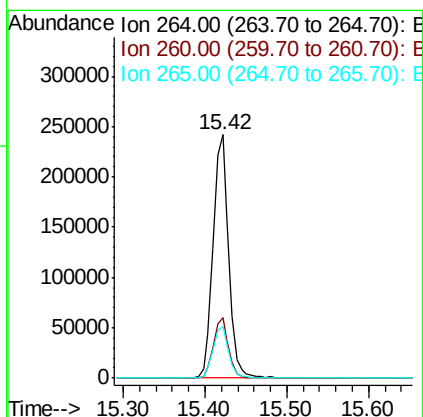
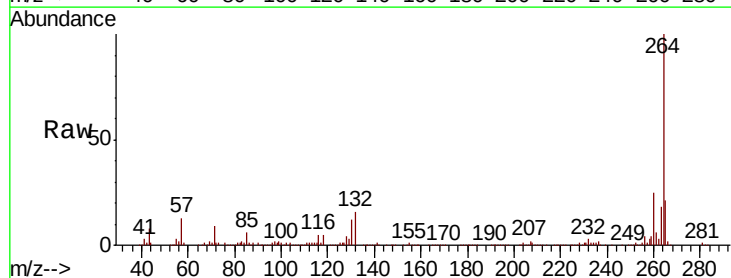
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

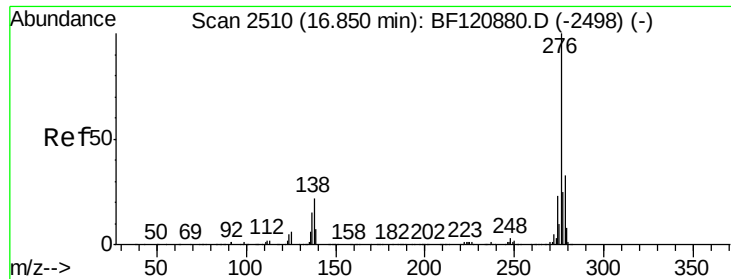
Tot Ion:149 Resp: 1048687
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:264 Resp: 320384
Ion Ratio Lower Upper
264 100
260 25.1 19.9 29.9
265 21.4 17.8 26.8

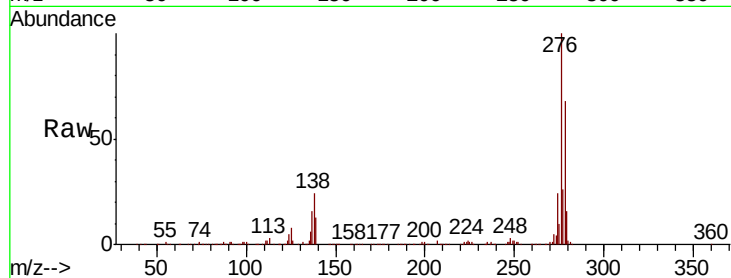




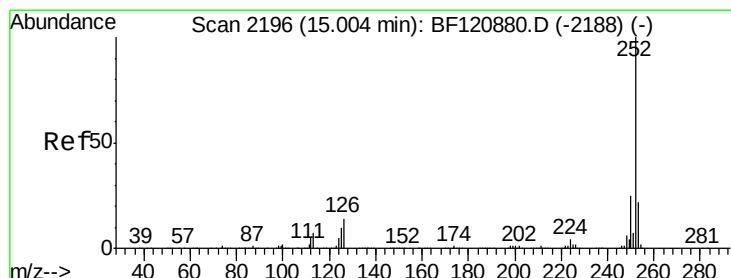
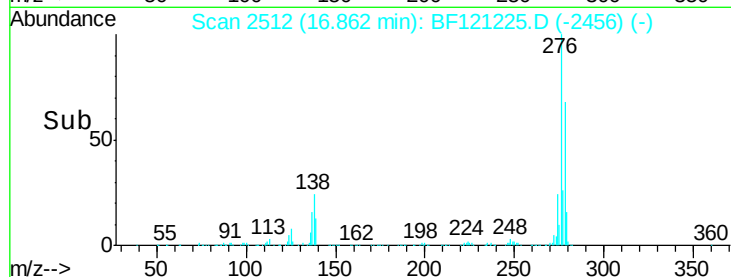
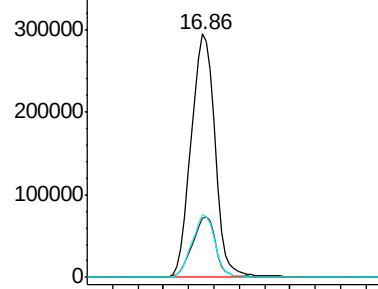
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.249 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	25.2	20.1	30.1

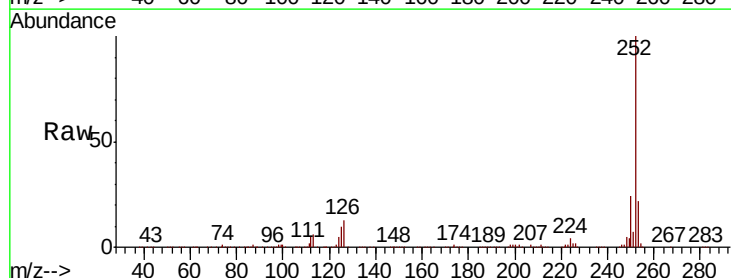


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

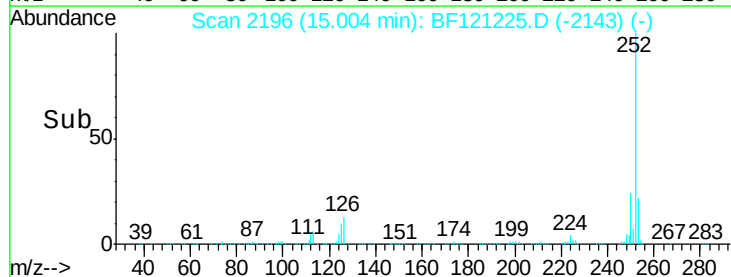
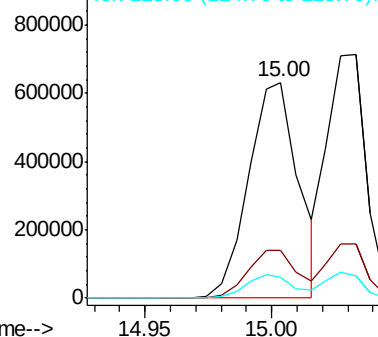


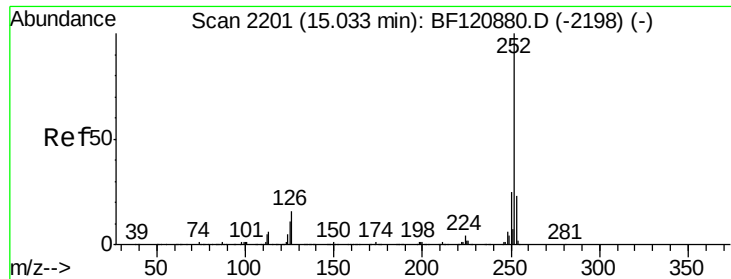
#88
 Benzo(b)fluoranthene
 Concen: 44.722 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.6	8.1	12.1



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

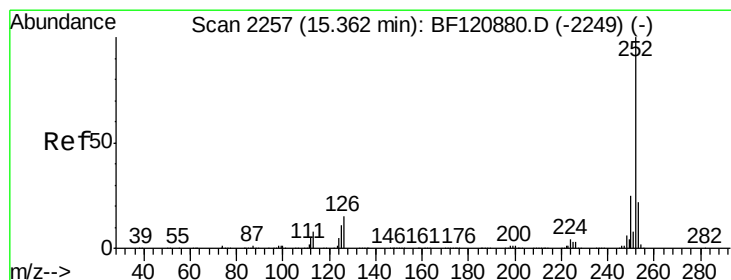
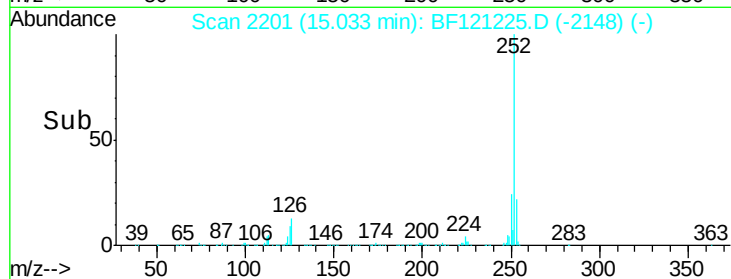
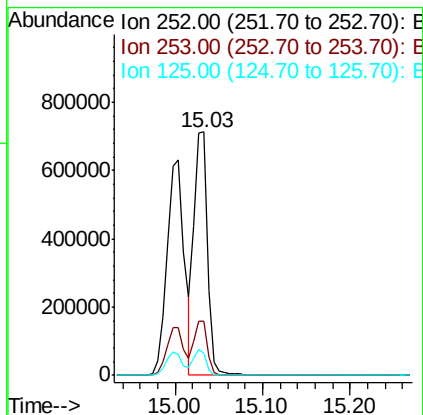
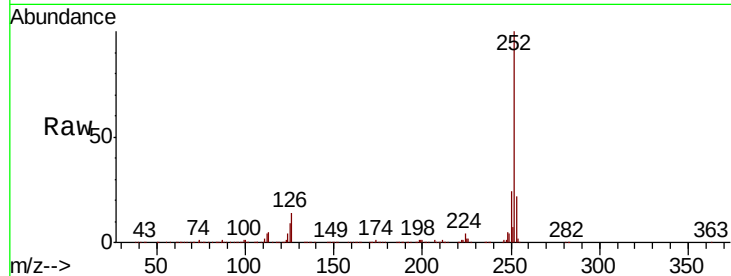




#89
Benzo(k)fluoranthene
Concen: 43.853 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

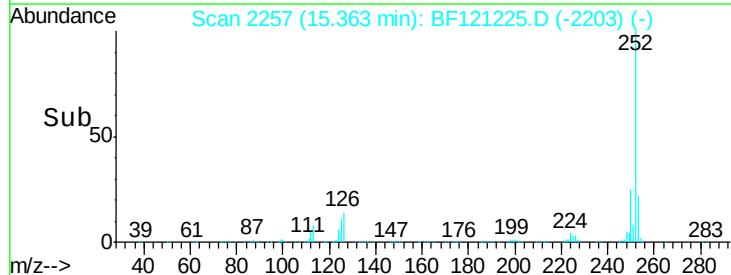
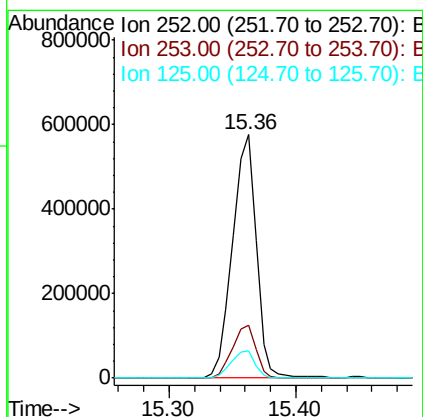
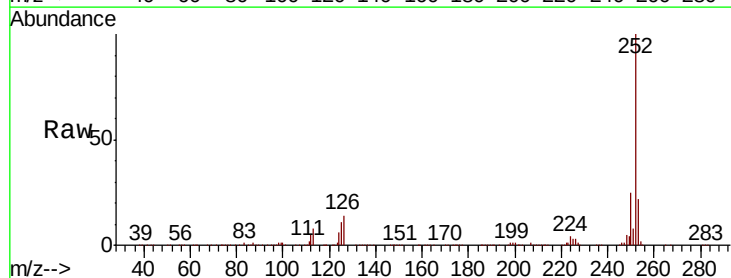
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

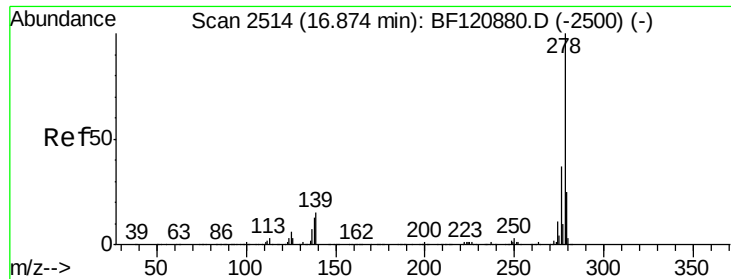
Tot Ion:252 Resp: 774514
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.2 8.0 12.0



#90
Benzo(a)pyrene
Concen: 42.370 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion:252 Resp: 748633
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 11.0 9.5 14.3

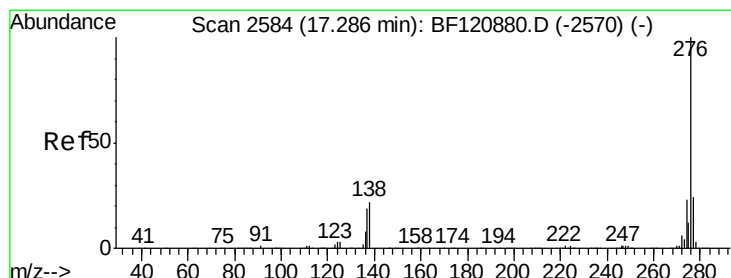
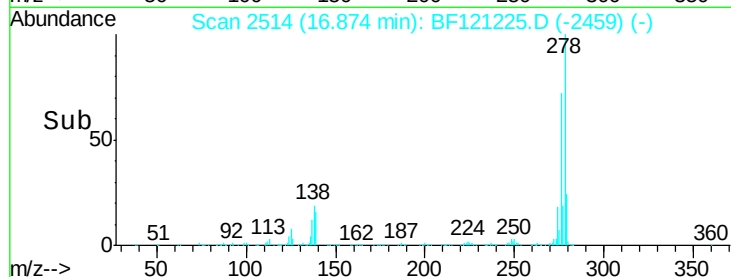
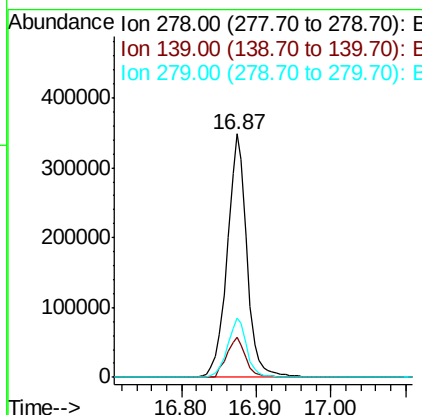
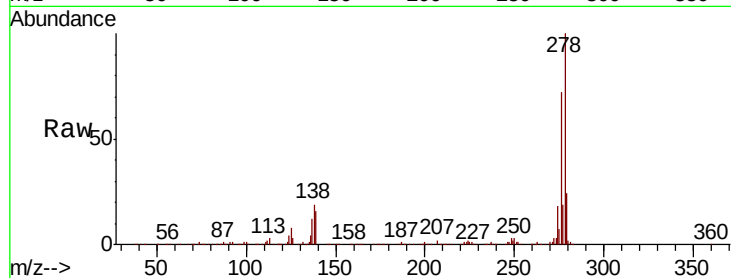




#91
Dibenzo(a,h)anthracene
Concen: 35.245 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	18.8
279	24.1	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 34.889 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	21.5	17.2	25.8

