

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121741.D
 Acq On : 30 Sep 2020 16:29
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 30 17:20:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156011	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	592688	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	323095	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	627901	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	478879	20.00	ng	0.00
86) Perylene-d12	15.37	264	418471	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	810409	77.20	ng	-0.01
7) Phenol-d6	6.42	99	1066438	77.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	905900	82.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	362276	90.22	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	1667788	78.18	ng	-0.01
79) Terphenyl-d14	12.89	244	2033387	86.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	181406	37.614	ng	100
3) Pyridine	3.21	79	515931	38.696	ng	99
4) n-Nitrosodimethylamine	3.18	42	236025	38.164	ng	95
6) Aniline	6.45	93	682194	38.032	ng	97
8) 2-Chlorophenol	6.57	128	421957	39.478	ng	98
9) Benzaldehyde	6.33	77	309397	34.364	ng	97
10) Phenol	6.43	94	550599	37.542	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	439499	39.760	ng	99
12) 1,3-Dichlorobenzene	6.72	146	470583	39.446	ng	98
13) 1,4-Dichlorobenzene	6.80	146	472889	39.477	ng	99
14) 1,2-Dichlorobenzene	6.95	146	436267	39.535	ng	99
15) Benzyl Alcohol	6.93	79	379961	40.589	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	703575	39.555	ng	99
17) 2-Methylphenol	7.04	107	362238	39.831	ng	100
18) Hexachloroethane	7.29	117	175136	40.833	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	321036	40.445	ng	96
20) 3+4-Methylphenols	7.19	107	422284	38.647	ng	96
22) Acetophenone	7.19	105	585701	38.949	ng	98
24) Nitrobenzene	7.36	77	486015	40.708	ng	97
25) Isophorone	7.61	82	914155	41.139	ng	100
26) 2-Nitrophenol	7.68	139	234379	42.036	ng	96
27) 2,4-Dimethylphenol	7.72	122	395526	39.875	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	568439	41.322	ng	100
29) 2,4-Dichlorophenol	7.93	162	366918	40.614	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	386905	40.664	ng	99
31) Naphthalene	8.09	128	1232304	39.387	ng	100
32) Benzoic acid	7.86	122	230399	33.570	ng	98
33) 4-Chloroaniline	8.13	127	550265	40.574	ng	97
34) Hexachlorobutadiene	8.20	225	233415	41.794	ng	100
35) Caprolactam	8.52	113	127832	42.490	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	407425	41.864	ng	100
37) 2-Methylnaphthalene	8.77	142	830515	40.506	ng	97
38) 1-Methylnaphthalene	8.87	142	775836	40.657	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	402828	39.914	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121741.D
 Acq On : 30 Sep 2020 16:29
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 30 17:20:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	205560	35.666	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	271284	39.436	nq	97
44) 2,4,5-Trichlorophenol	9.10	196	289459	39.803	nq	95
46) 1,1'-Biphenyl	9.24	154	1020570	39.456	nq	98
47) 2-Chloronaphthalene	9.27	162	794279	38.968	nq	98
48) 2-Nitroaniline	9.36	65	279911	44.192	nq	98
49) Acenaphthylene	9.68	152	1249873	39.909	nq	99
50) Dimethylphthalate	9.55	163	1001151	42.752	nq	100
51) 2,6-Dinitrotoluene	9.61	165	220051	44.124	nq	99
52) Acenaphthene	9.85	154	735358	37.175	nq	99
53) 3-Nitroaniline	9.78	138	244437	42.310	nq	96
54) 2,4-Dinitrophenol	9.89	184	93369	37.837	nq	99
55) Dibenzofuran	10.02	168	1094414	39.288	nq	97
56) 4-Nitrophenol	9.95	139	168670	36.609	nq	99
57) 2,4-Dinitrotoluene	10.02	165	287208	45.777	nq	98
58) Fluorene	10.37	166	860089	40.375	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	248117	41.967	nq	99
60) Diethylphthalate	10.24	149	972898	42.612	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	424884	41.636	nq	97
62) 4-Nitroaniline	10.39	138	239711	41.788	nq	99
63) Azobenzene	10.52	77	991236	40.769	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	158307	42.073	nq	99
66) n-Nitrosodiphenylamine	10.48	169	845221	39.236	nq	100
67) 4-Bromophenyl-phenylether	10.85	248	296918	41.533	nq	98
68) Hexachlorobenzene	10.92	284	330071	40.912	nq	98
69) Atrazine	11.00	200	217269	40.596	nq	99
70) Pentachlorophenol	11.11	266	163145	36.821	nq	99
71) Phenanthrene	11.33	178	1329693	38.868	nq	100
72) Anthracene	11.38	178	1352567	38.312	nq	100
73) Carbazole	11.53	167	1210220	37.987	nq	100
74) Di-n-butylphthalate	11.86	149	1542101	41.939	nq	100
75) Fluoranthene	12.52	202	1416016	38.774	nq	99
77) Benzidine	12.64	184	797465	50.231	nq	99
78) Pyrene	12.74	202	1426649	40.775	nq	99
80) Butylbenzylphthalate	13.36	149	659058	46.575	nq	97
81) Benzo(a)anthracene	13.93	228	1219995	40.269	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	484039	40.924	nq	100
83) Chrysene	13.97	228	1196421	38.998	nq	100
84) Bis(2-ethylhexyl)phthalate	13.92	149	885741	46.855	nq	100
85) Di-n-octyl phthalate	14.53	149	1497307	44.881	nq	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1083383	39.754	nq	99
88) Benzo(b)fluoranthene	14.97	252	1139953	40.749	nq	98
89) Benzo(k)fluoranthene	15.00	252	1057558	41.282	nq	99
90) Benzo(a)pyrene	15.32	252	965925	40.619	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	888761	39.177	nq	99
92) Benzo(g,h,i)perylene	17.23	276	885120	39.693	nq	99

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

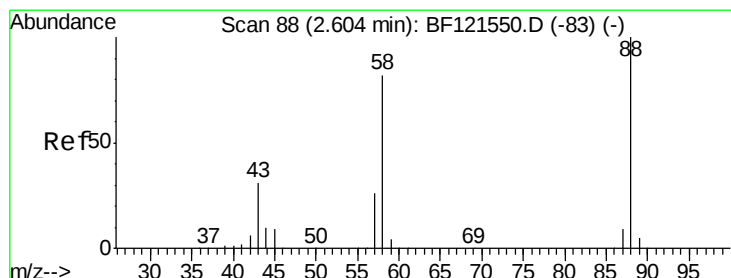
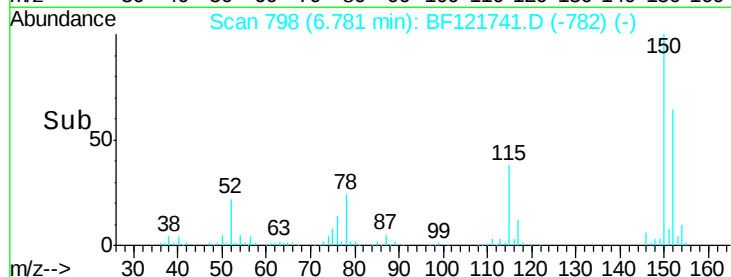
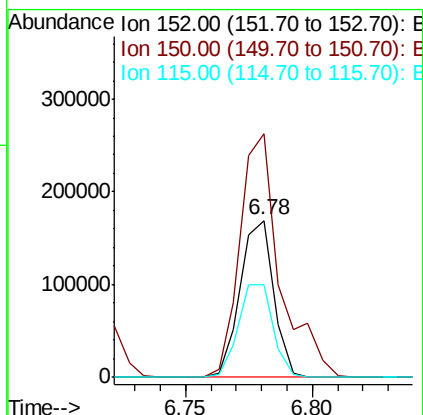
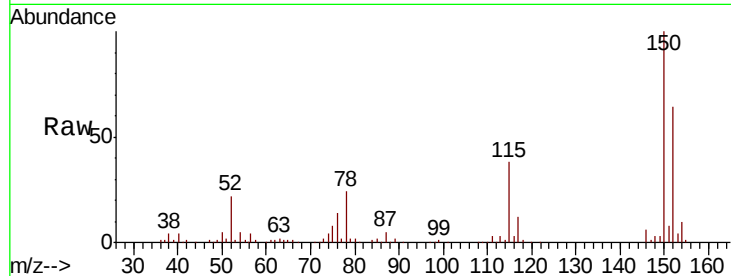


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

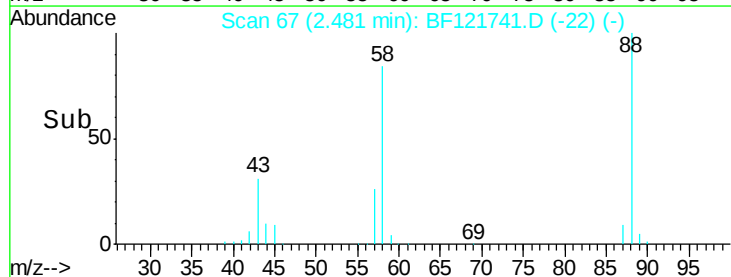
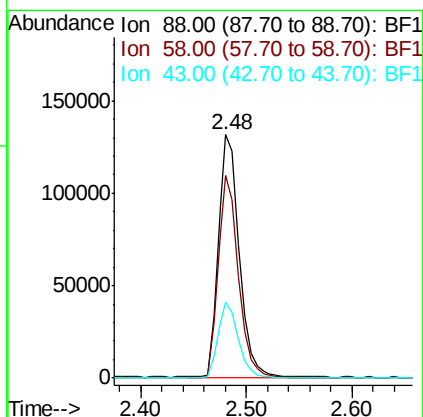
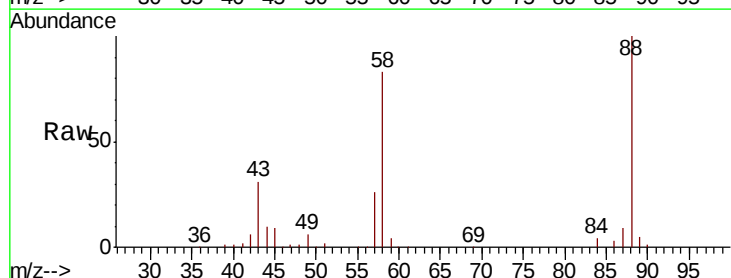
Tot Ion:152 Resp: 156011
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.8
115 59.2 49.6 74.4



#2

1,4-Dioxane
Concen: 37.614 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.04 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion: 88 Resp: 181406
Ion Ratio Lower Upper
88 100
58 81.5 65.3 97.9
43 31.2 25.1 37.7

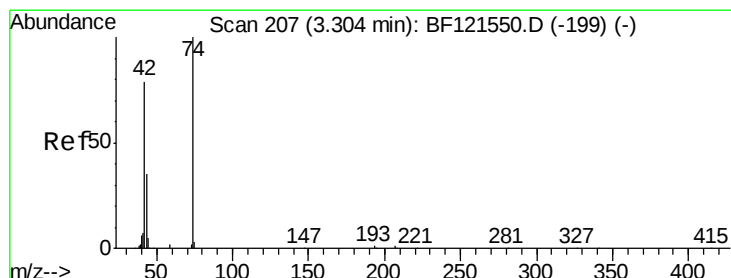
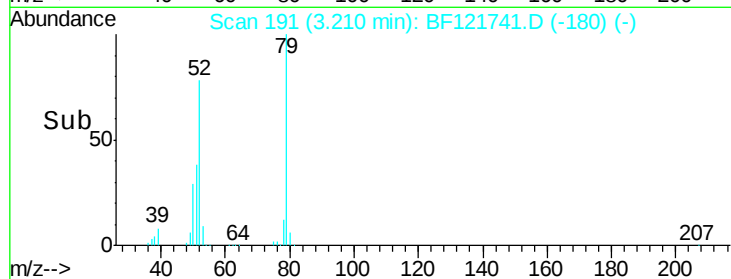
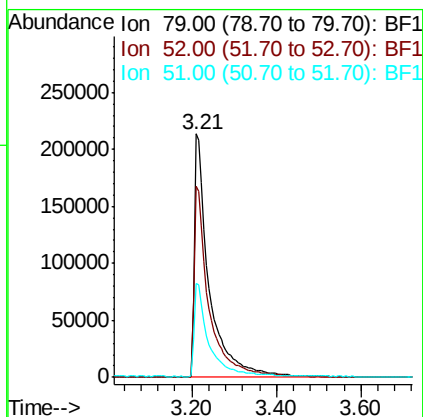
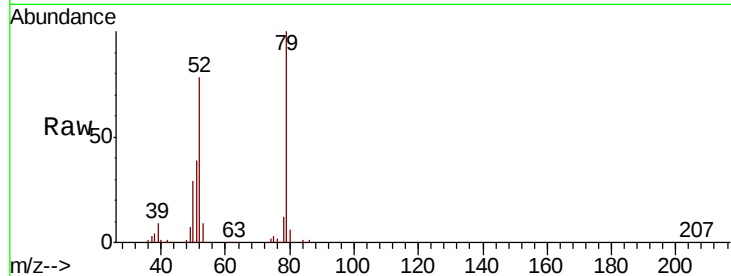




#3
 Pvridine
 Concen: 38.696 ng
 RT: 3.21 min Scan# 191
 Delta R.T. -0.04 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

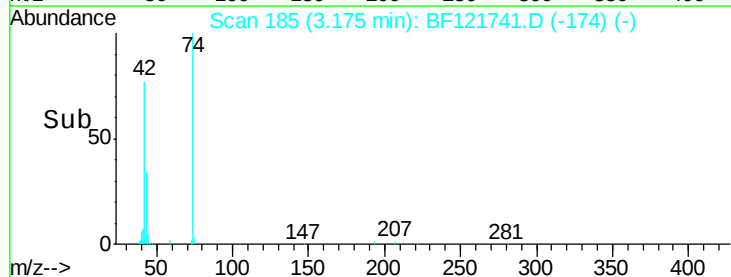
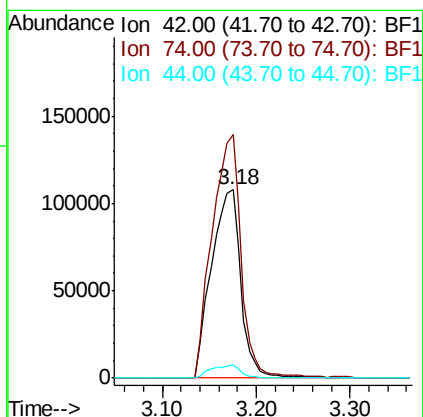
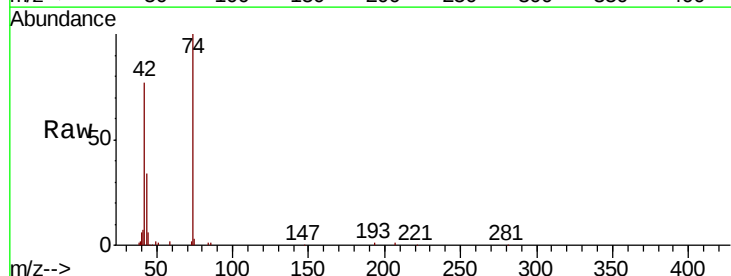
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

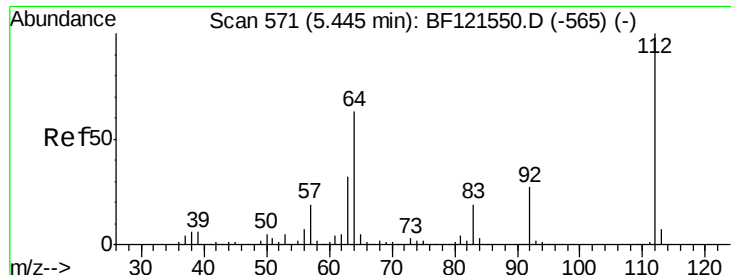
Tot Ion: 79 Resp: 515931
 Ion Ratio Lower Upper
 79 100
 52 78.3 62.2 93.2
 51 38.5 30.9 46.3



#4
 n-Nitrosodimethylamine
 Concen: 38.164 ng
 RT: 3.18 min Scan# 185
 Delta R.T. -0.04 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion: 42 Resp: 236025
 Ion Ratio Lower Upper
 42 100
 74 129.3 98.9 148.3
 44 7.3 5.3 7.9





#5

2-Fluorophenol

Concen: 77.198 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

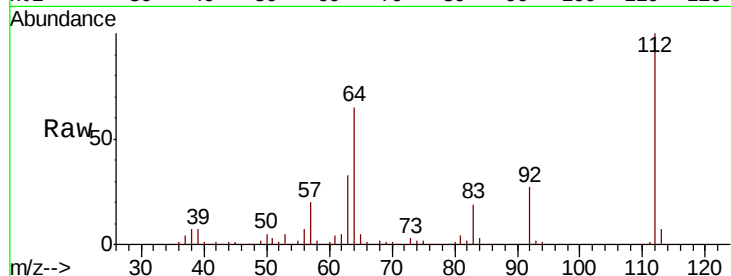
Tot Ion: 112 Resp: 810409

Ion Ratio Lower Upper

112 100

64 65.2 51.2 76.8

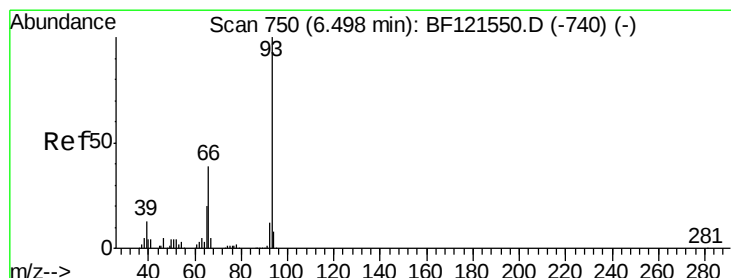
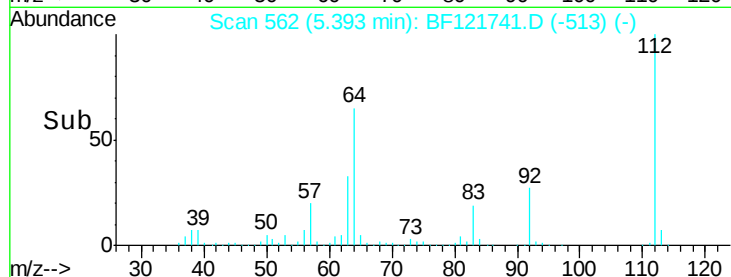
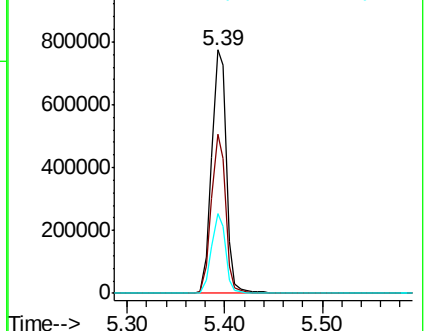
63 32.9 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.032 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

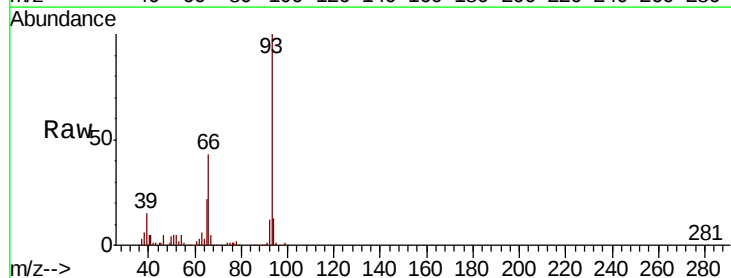
Tgt Ion: 93 Resp: 682194

Ion Ratio Lower Upper

93 100

66 42.6 35.8 53.6

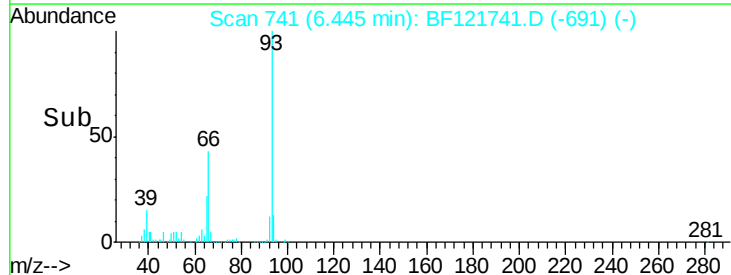
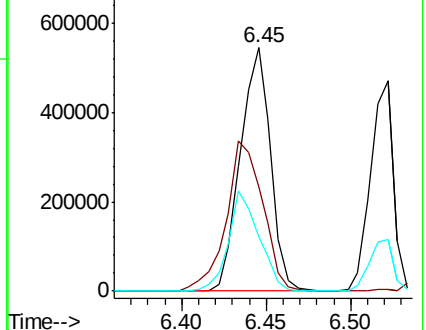
65 22.2 18.7 28.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.432 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

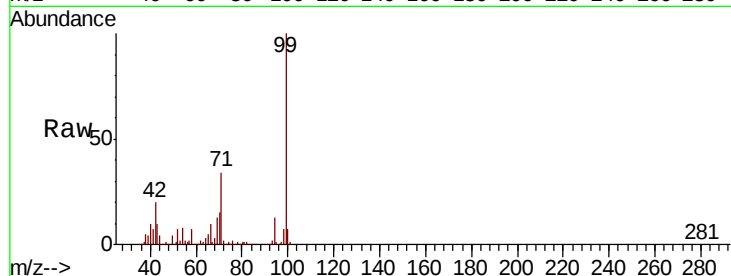
Tot Ion: 99 Resp: 1066438

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.5	24.7
71	33.7	27.8	41.6

99 100

42 19.9 16.5 24.7

71 33.7 27.8 41.6



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

6.42

800000

600000

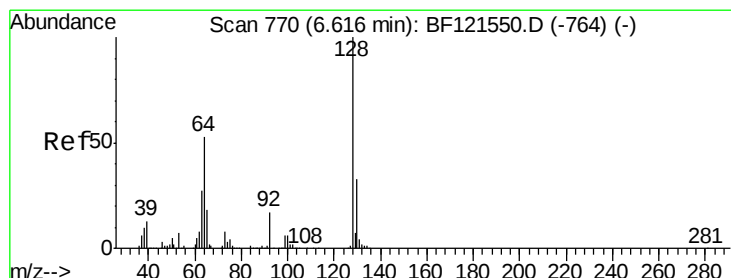
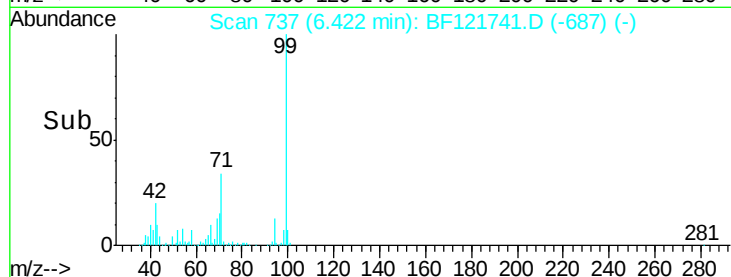
400000

200000

0

6.40 6.50

Time-->



#8

2-Chlorophenol

Concen: 39.478 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

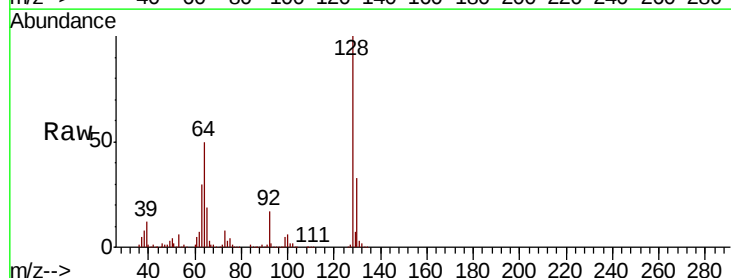
Tgt Ion: 128 Resp: 421957

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	49.8	31.9	71.9

128 100

130 32.9 13.0 53.0

64 49.8 31.9 71.9



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

6.57

600000

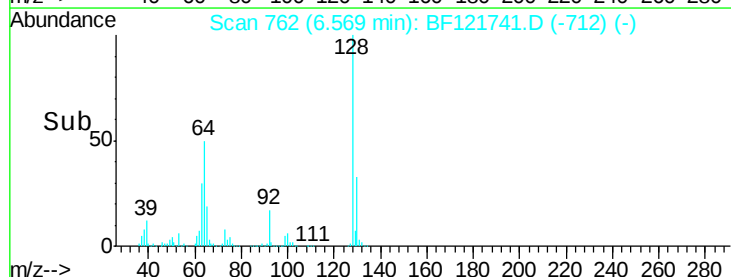
400000

200000

0

6.50 6.55 6.60 6.65

Time-->





#9

Benzaldehyde

Concen: 34.364 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

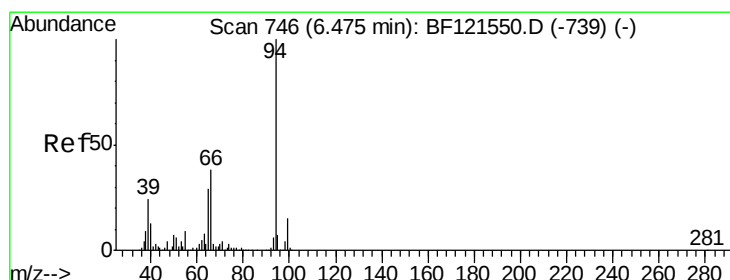
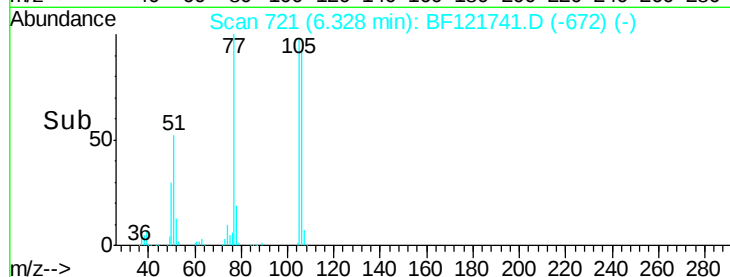
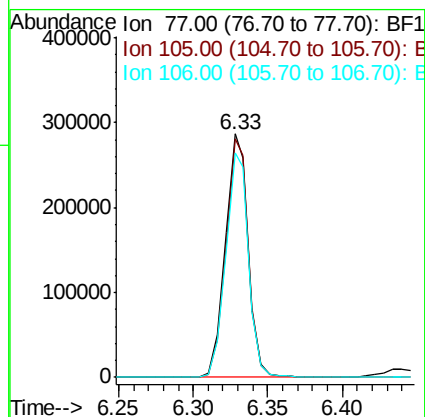
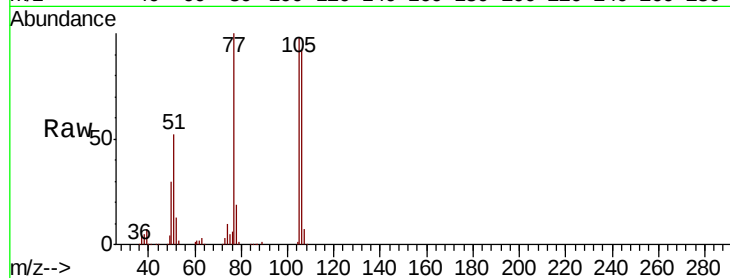
Tot Ion: 77 Resp: 309397

Ion Ratio Lower Upper

77 100

105 98.2 80.8 120.8

106 92.4 75.4 115.4



#10

Phenol

Concen: 37.542 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

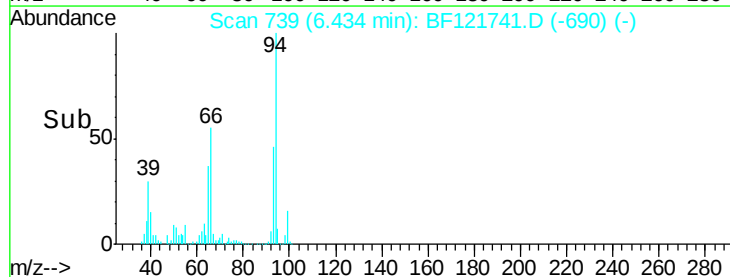
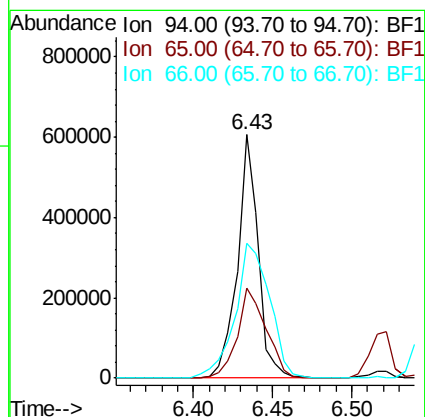
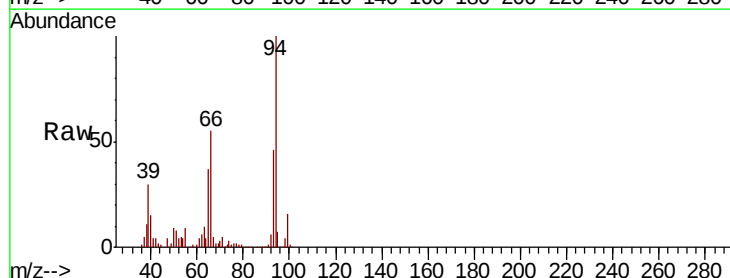
Tgt Ion: 94 Resp: 550599

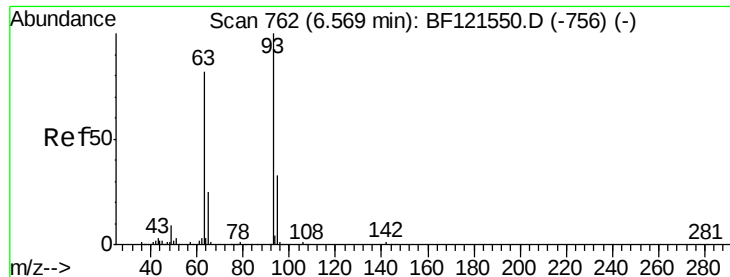
Ion Ratio Lower Upper

94 100

65 37.1 18.9 58.9

66 55.4 40.4 80.4





#11

bis(2-Chloroethyl)ether

Concen: 39.760 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

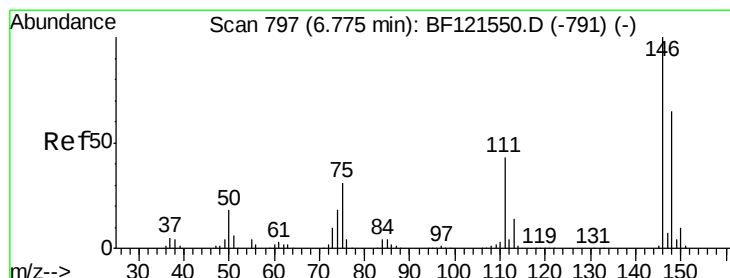
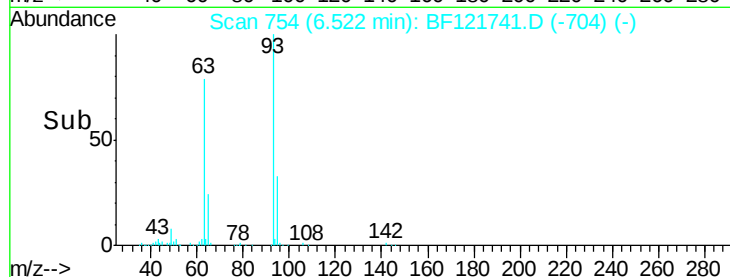
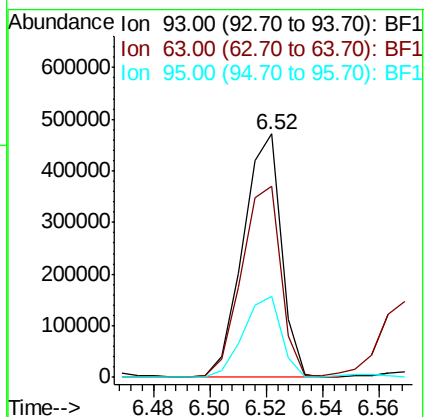
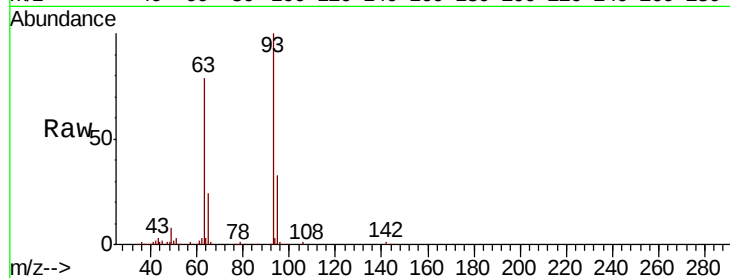
Tot Ion: 93 Resp: 439499

Ion Ratio Lower Upper

93 100

63 78.5 59.8 99.8

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.446 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

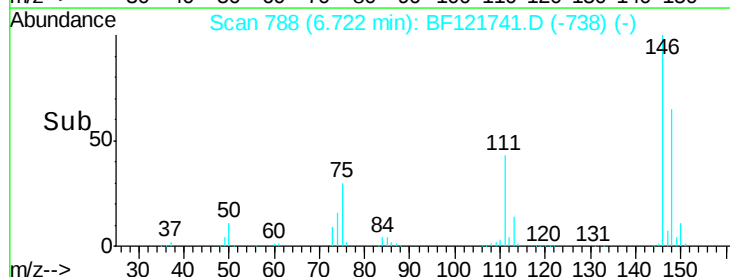
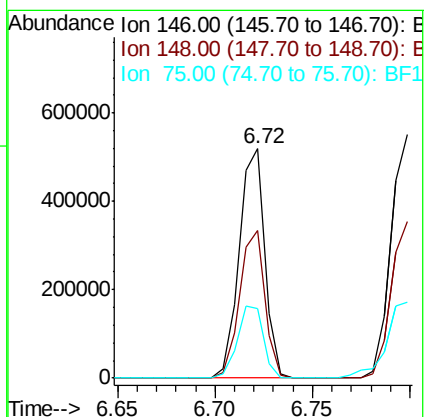
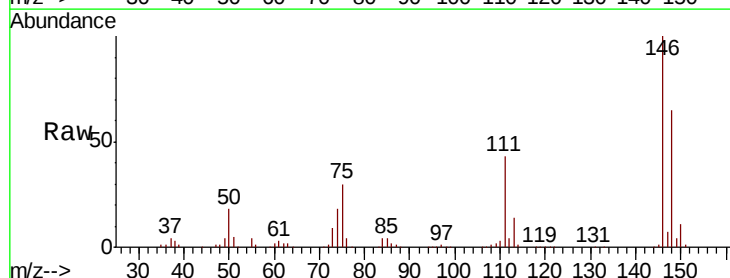
Tgt Ion: 146 Resp: 470583

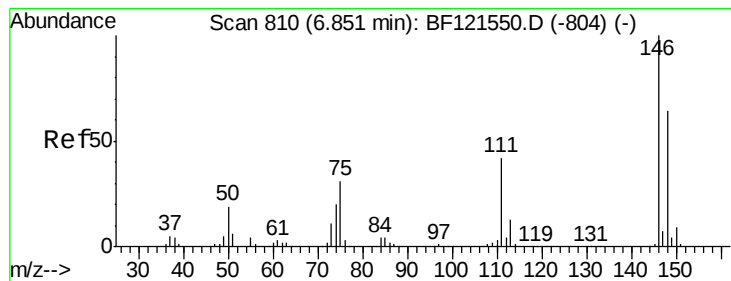
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 30.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.477 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

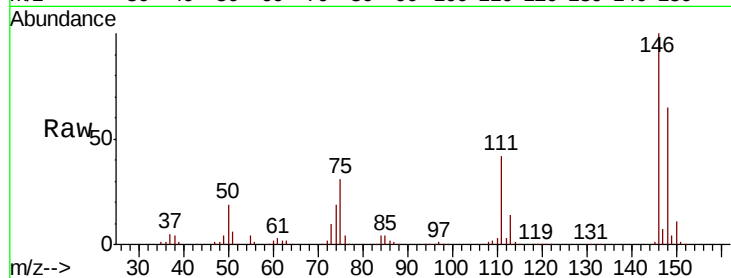
Tot Ion:146 Resp: 472889

Ion Ratio Lower Upper

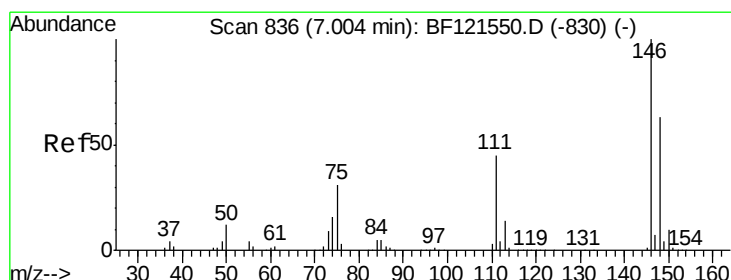
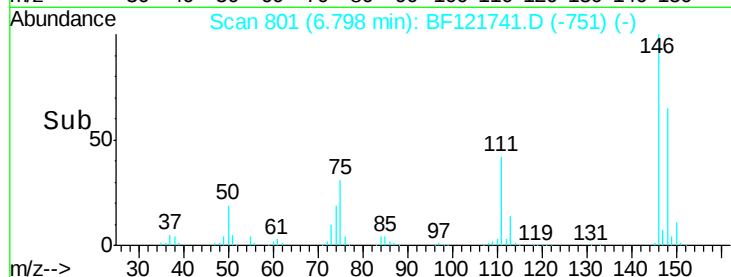
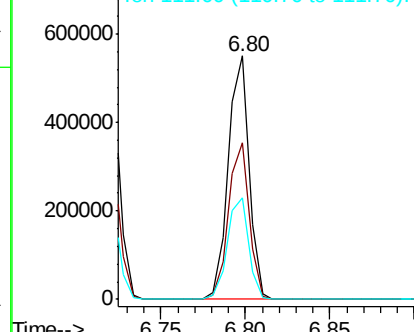
146 100

148 64.5 51.5 77.3

111 41.7 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.535 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

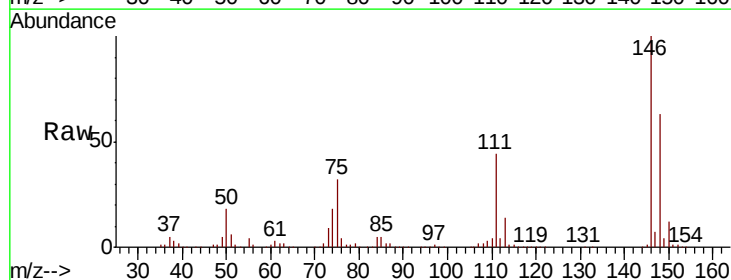
Tgt Ion:146 Resp: 436267

Ion Ratio Lower Upper

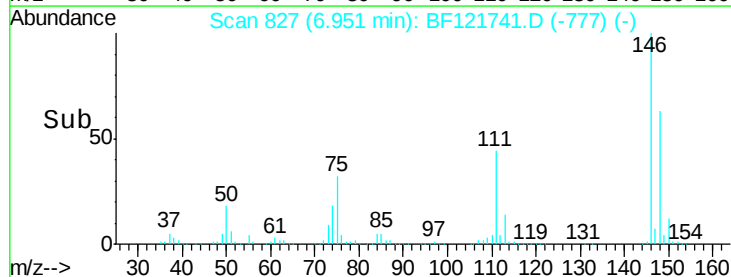
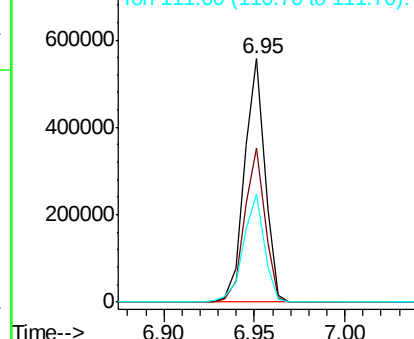
146 100

148 63.3 51.1 76.7

111 44.4 36.6 54.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

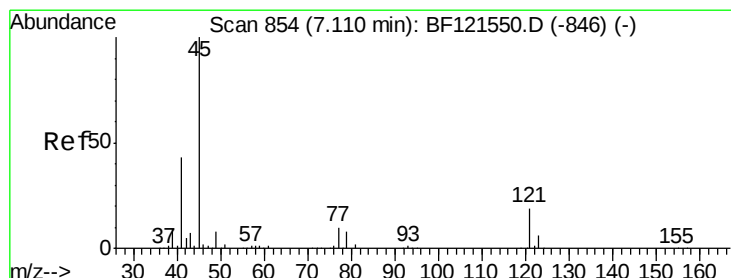
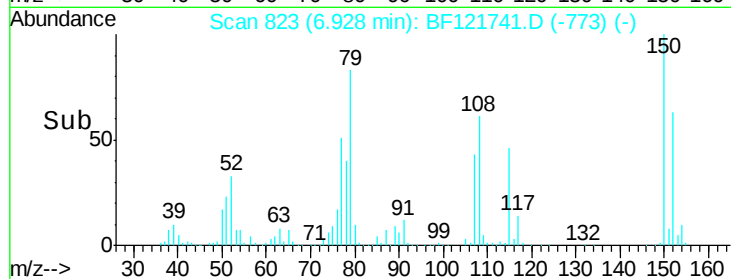
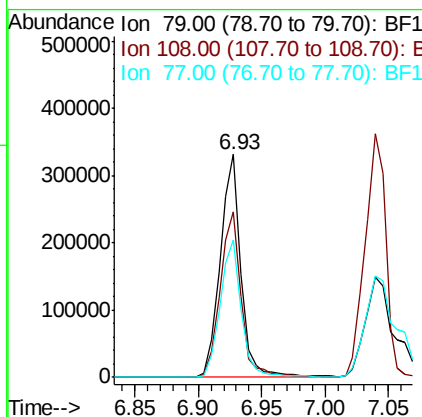
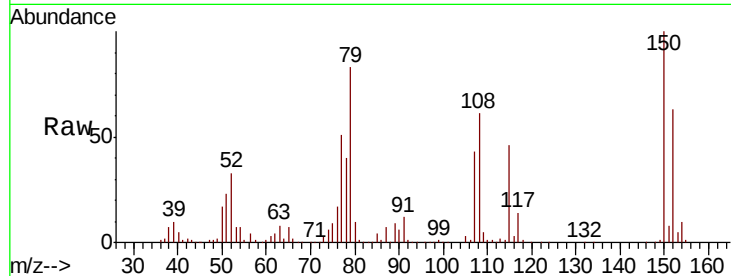




#15
Benzyl Alcohol
Concen: 40.589 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

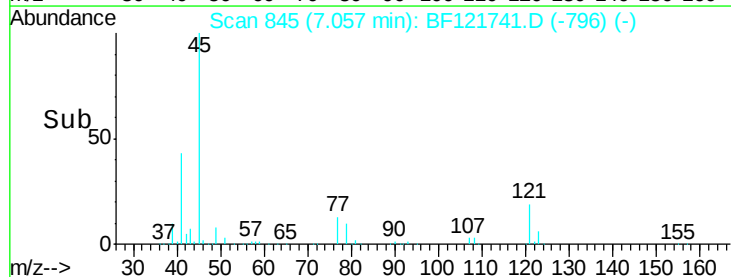
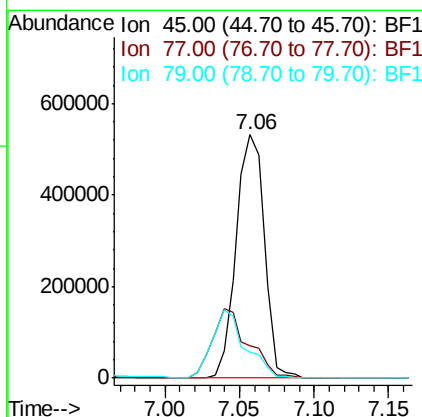
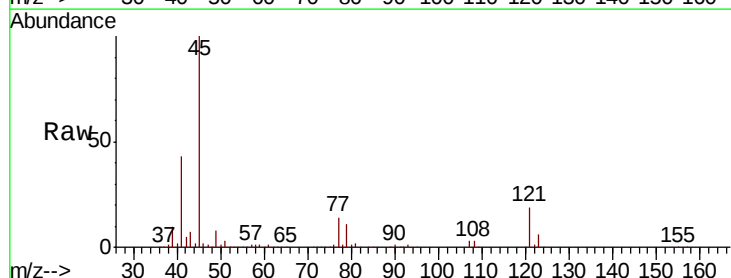
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

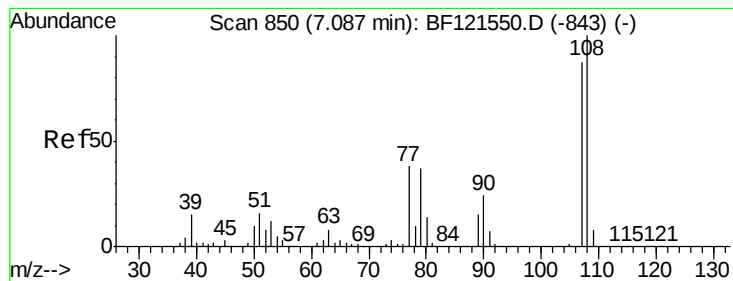
Tot Ion: 79 Resp: 379961
Ion Ratio Lower Upper
79 100
108 74.1 60.2 90.2
77 61.6 51.0 76.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.555 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion: 45 Resp: 703575
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.3
79 10.6 0.0 30.8





#17

2-Methylphenol

Concen: 39.831 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 362238

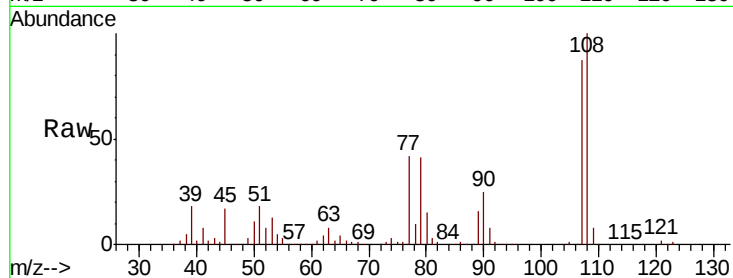
Ion Ratio Lower Upper

107 100

108 114.8 91.7 137.5

77 48.1 38.4 57.6

79 47.1 37.9 56.9

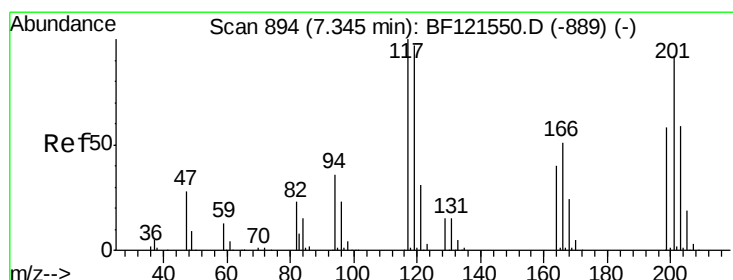
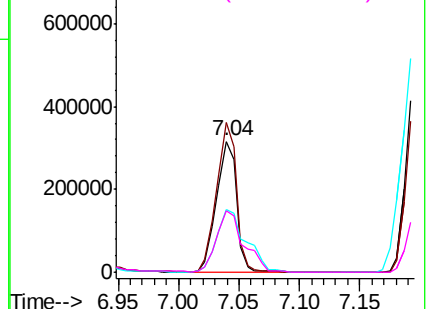
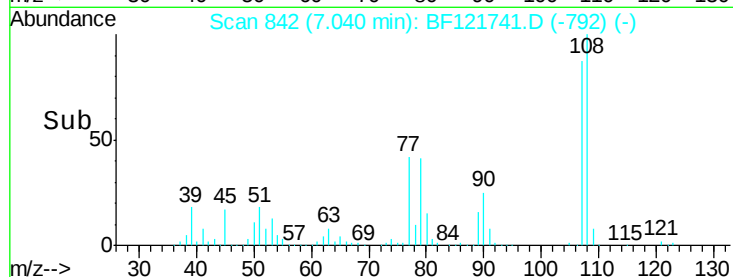


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.833 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

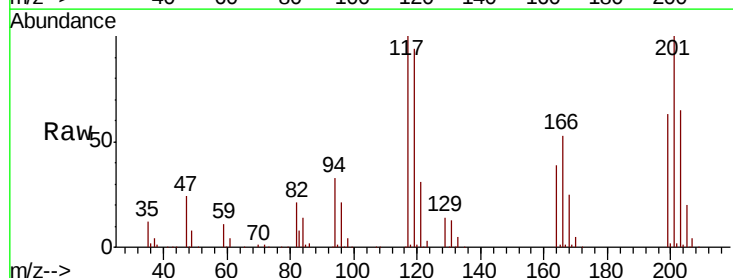
Tgt Ion:117 Resp: 175136

Ion Ratio Lower Upper

117 100

119 94.8 76.8 115.2

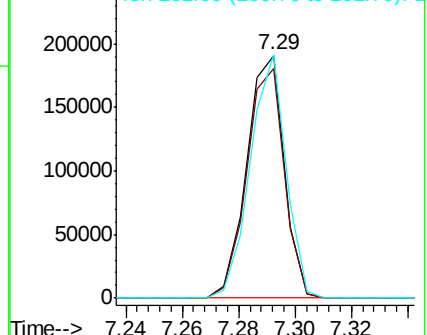
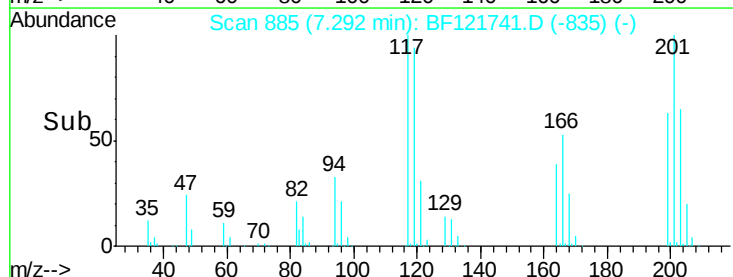
201 100.5 77.4 116.0



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

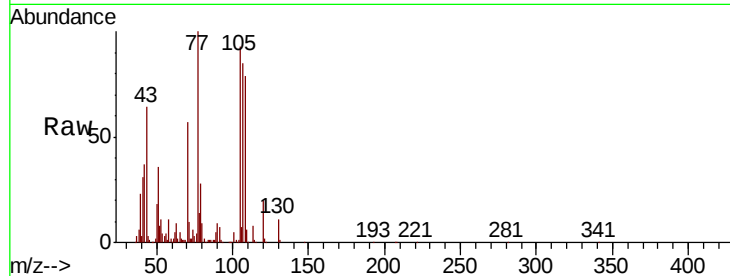




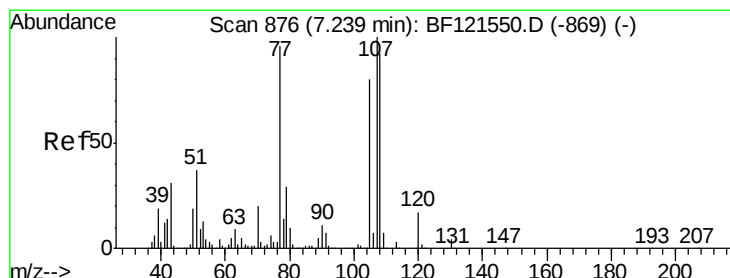
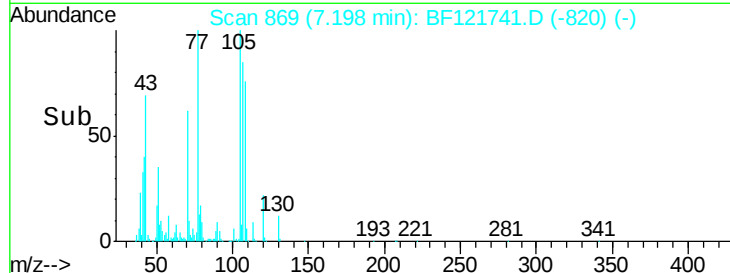
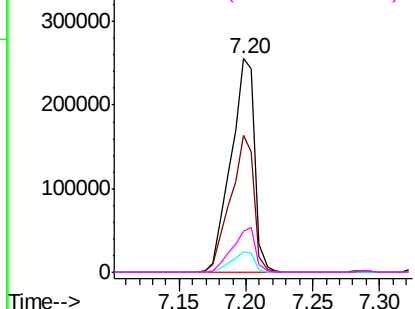
#19
n-Nitroso-di-n-propylamine
Concen: 40.445 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	321036
Ion	Ratio	Lower	Upper
70	100		
42	64.0	48.6	73.0
101	9.4	7.5	11.3
130	19.0	16.4	24.6

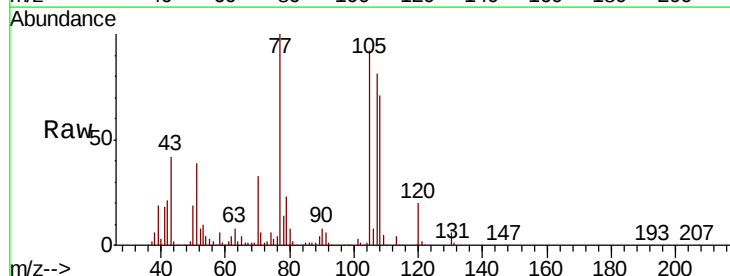


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

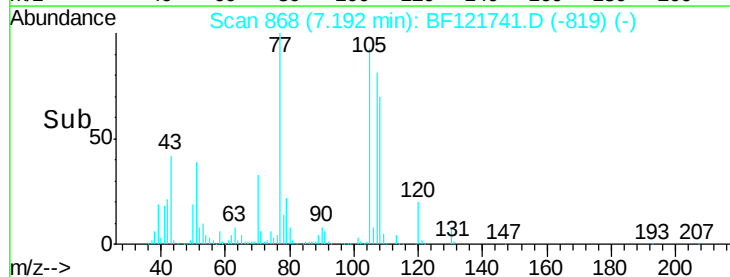
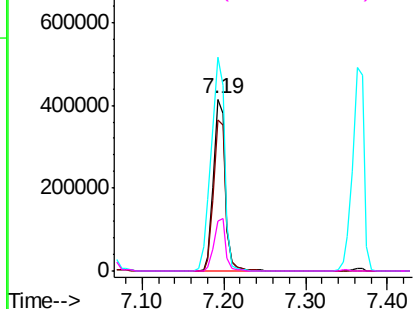


#20
3+4-Methylphenols
Concen: 38.647 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:	107	Resp:	422284
Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.6	111.6
77	124.1	101.6	141.6
79	28.8	12.5	52.5



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

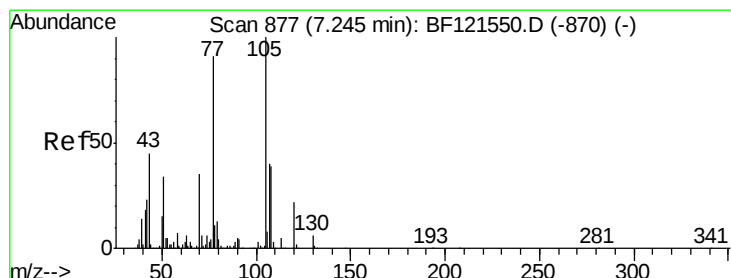
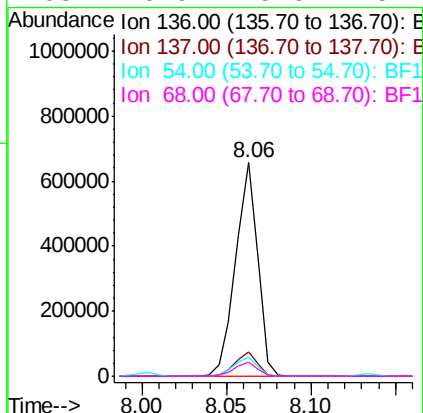
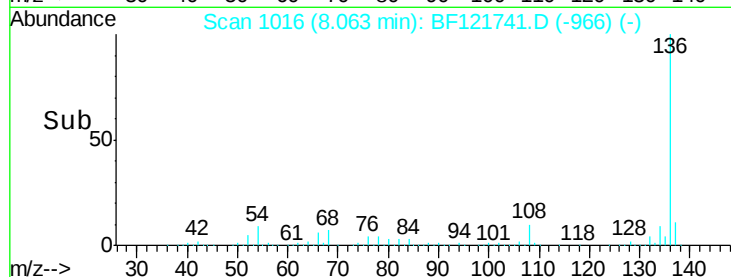
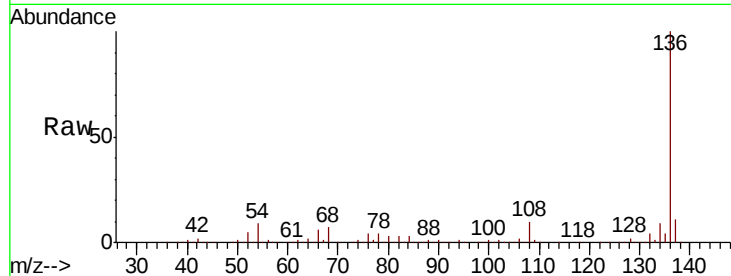




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

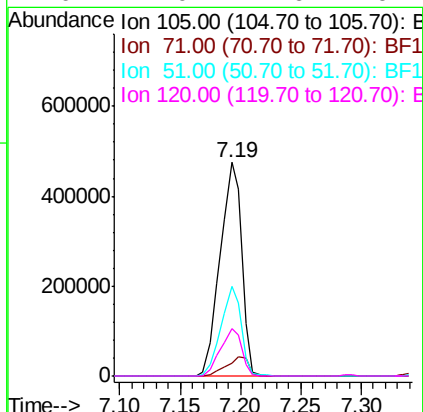
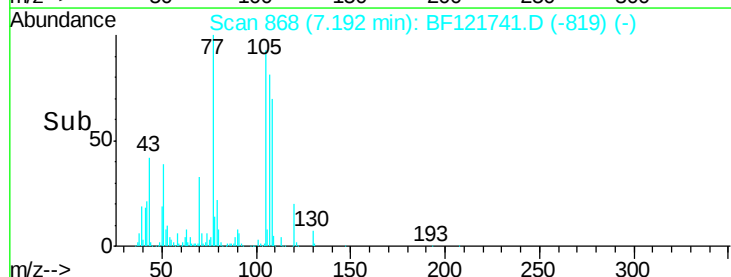
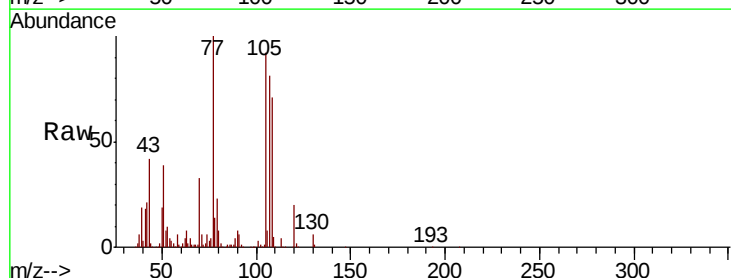
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	592688
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	9.1	7.8 11.8
68	6.9	5.6 8.4



#22
Acetophenone
Concen: 38.949 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:105	Resp:	585701
Ion	Ratio	Lower Upper
105	100	
71	6.1	5.8 8.8
51	42.0	31.9 47.9
120	22.0	17.6 26.4

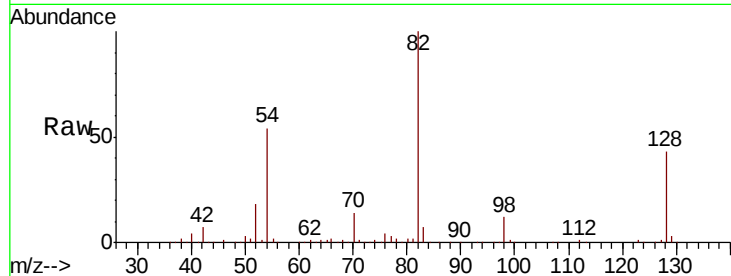




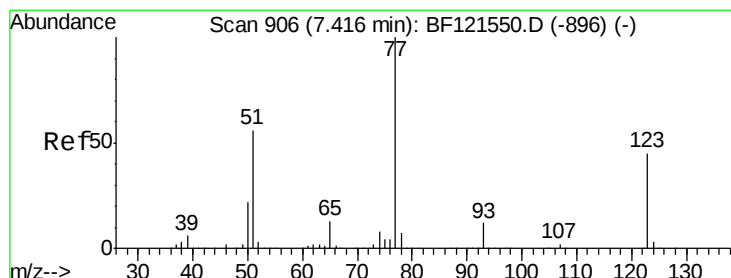
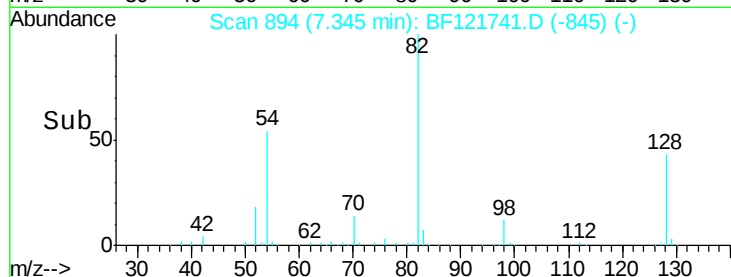
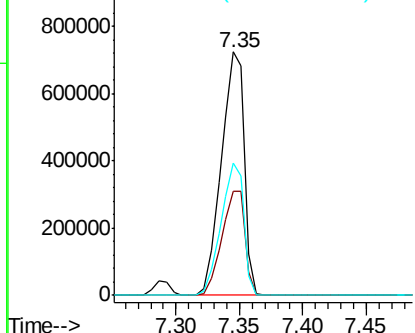
#23
 Nitrobenzene-d5
 Concen: 82.066 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	905900
Ion Ratio	100	Lower	Upper
128	42.9	35.0	52.4
54	54.4	42.5	63.7

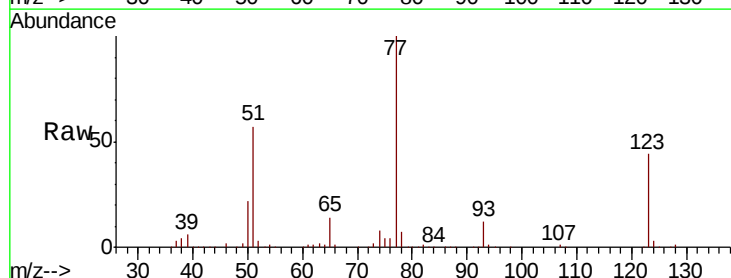


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

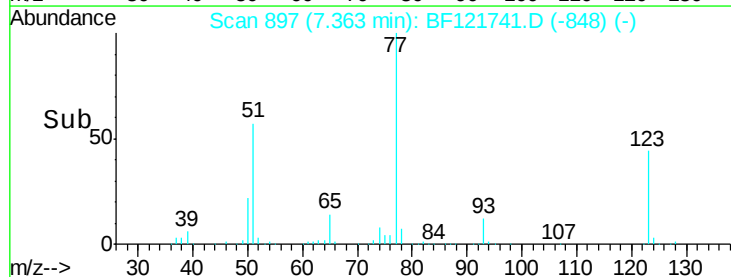
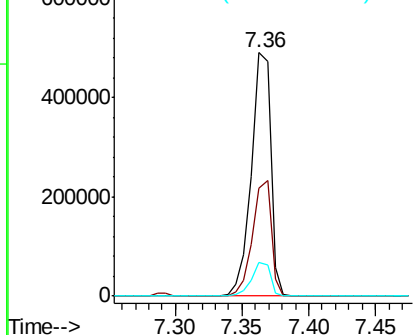


#24
 Nitrobenzene
 Concen: 40.708 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion	77	Resp	486015
Ion Ratio	100	Lower	Upper
123	44.2	37.6	56.4
65	13.8	11.1	16.7



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: 41.139 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

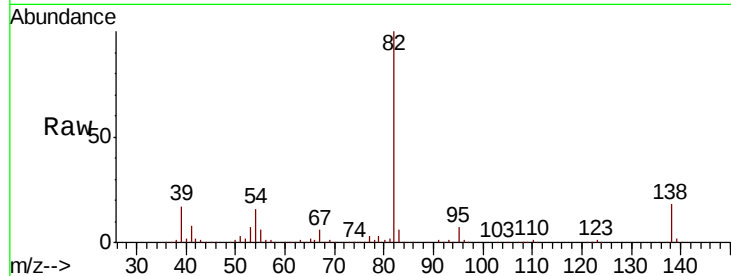
Tot Ion: 82 Resp: 914155

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

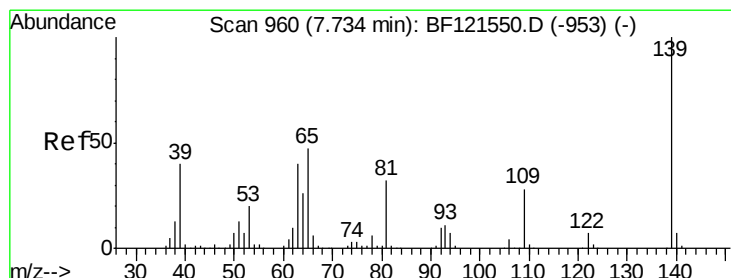
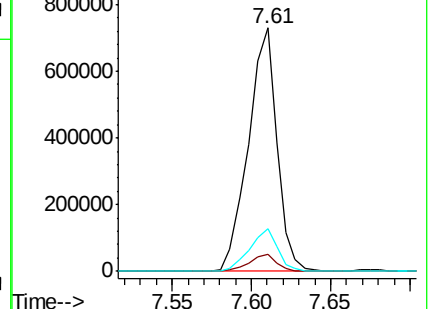
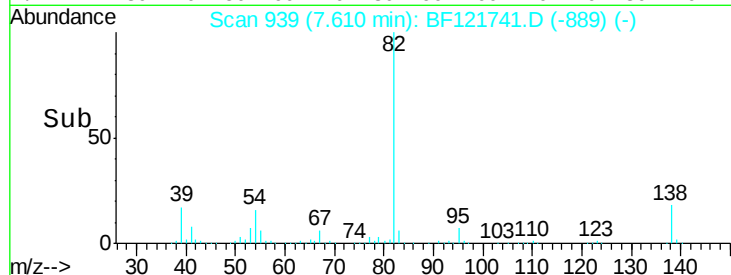
138 17.7 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.036 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

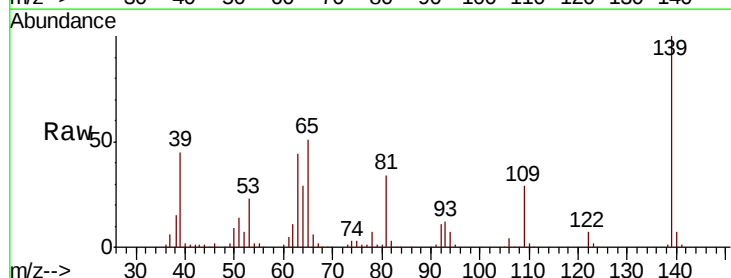
Tgt Ion: 139 Resp: 234379

Ion Ratio Lower Upper

139 100

109 29.2 24.1 36.1

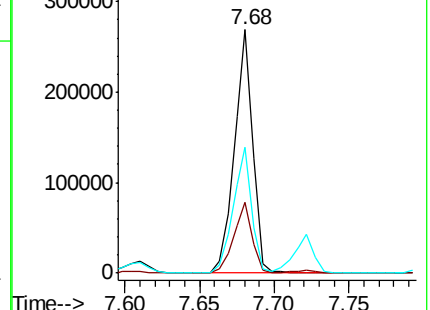
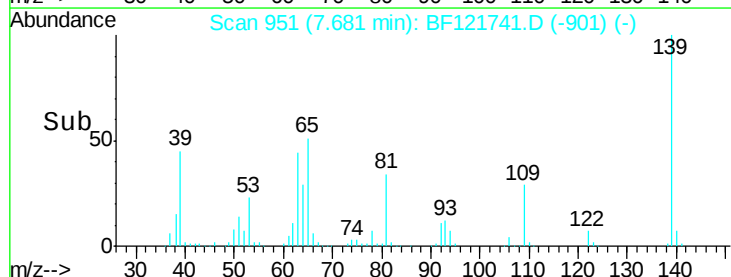
65 51.5 43.8 65.8

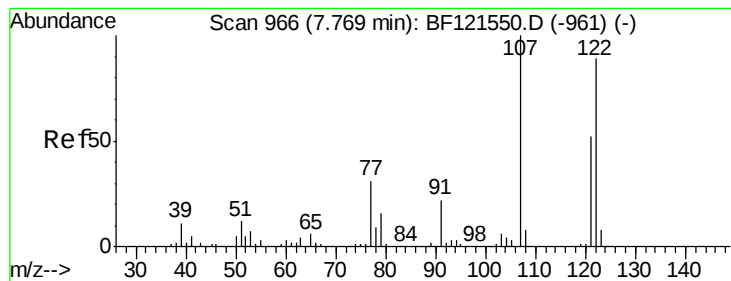


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.875 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

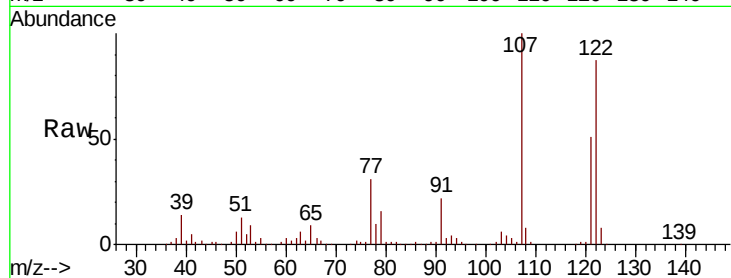
Tot Ion:122 Resp: 395526

Ion Ratio Lower Upper

122 100

107 115.2 92.3 138.5

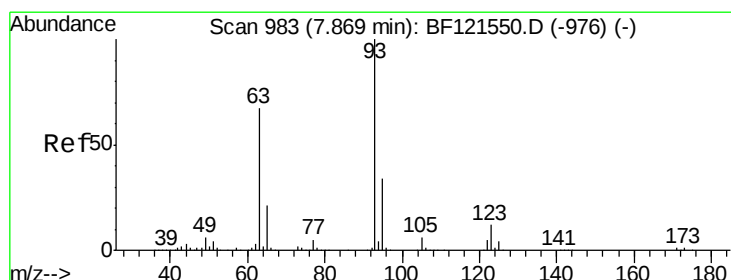
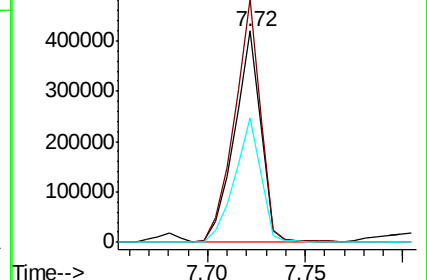
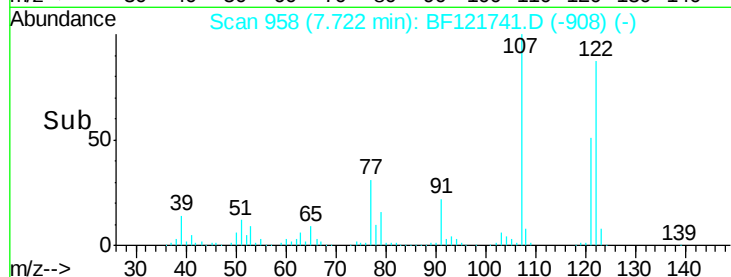
121 58.8 46.8 70.2



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: 41.322 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

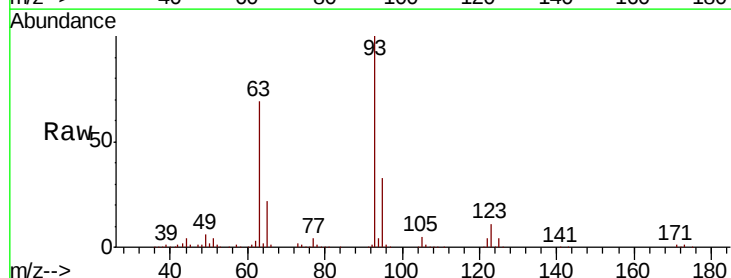
Tgt Ion: 93 Resp: 568439

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

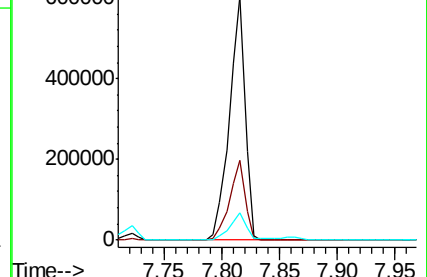
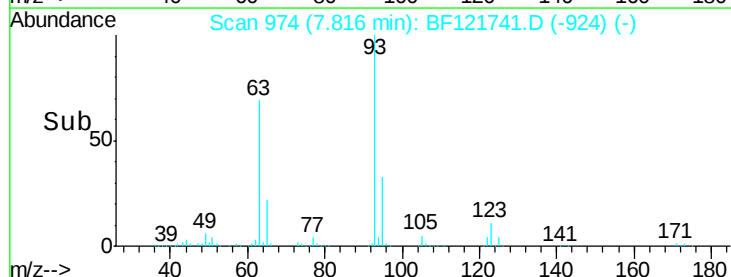
123 11.2 8.7 13.1

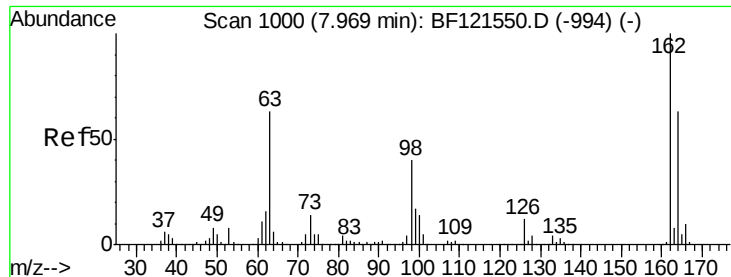


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

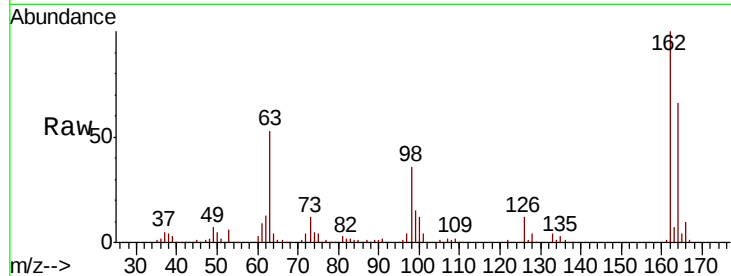




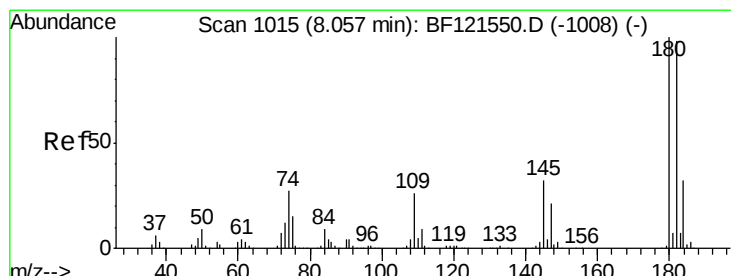
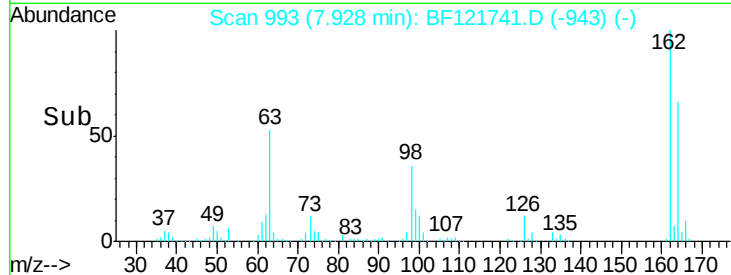
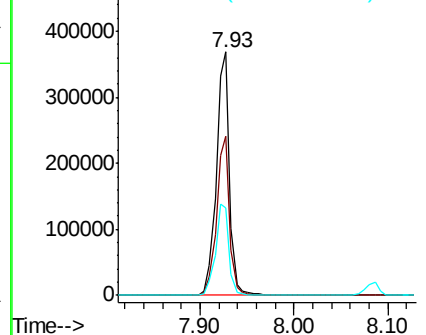
#29
 2,4-Dichlorophenol
 Concen: 40.614 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.2	84.2
98	35.9	18.5	58.5

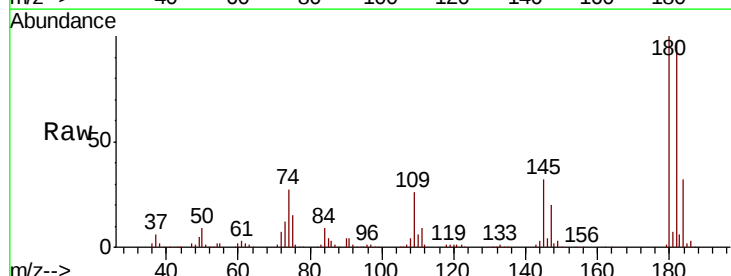


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

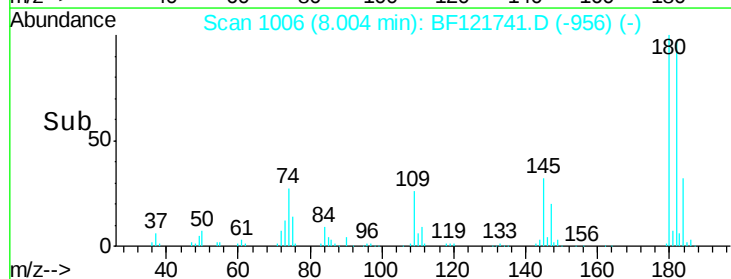
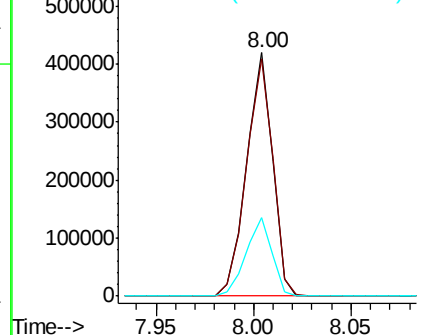


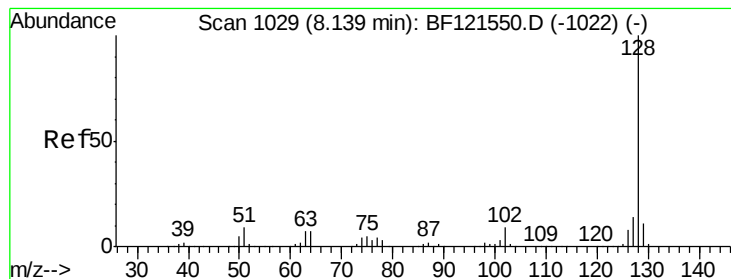
#30
 1,2,4-Trichlorobenzene
 Concen: 40.664 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.6	117.8
145	32.4	26.3	39.5



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: 39.387 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

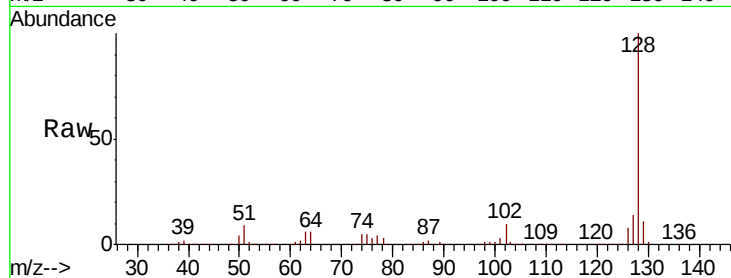
Tot Ion:128 Resp: 1232304

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

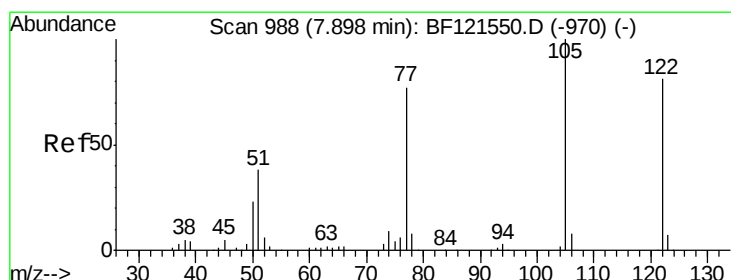
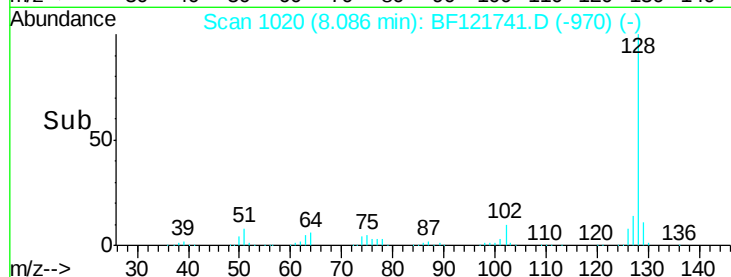
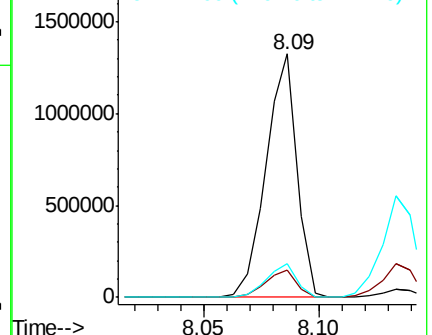
127 13.6 10.9 16.3



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: 33.570 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

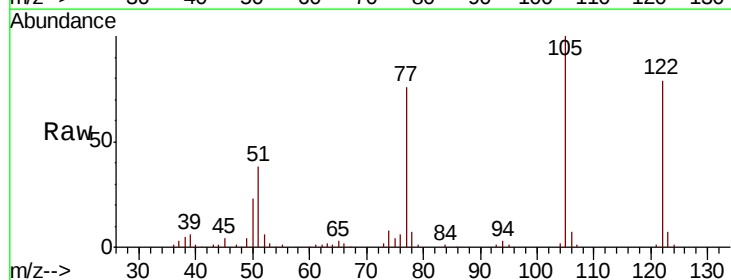
Tgt Ion:122 Resp: 230399

Ion Ratio Lower Upper

122 100

105 126.8 103.8 143.8

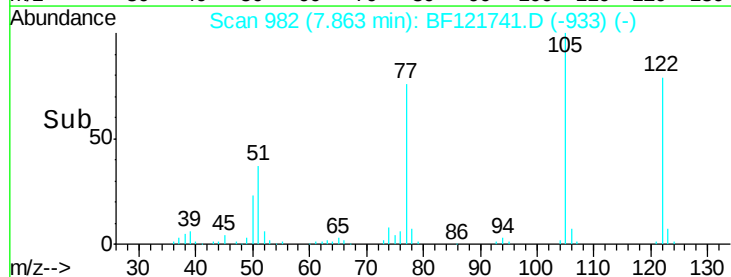
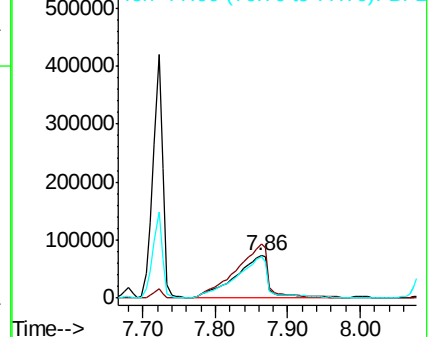
77 96.0 75.8 115.8



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

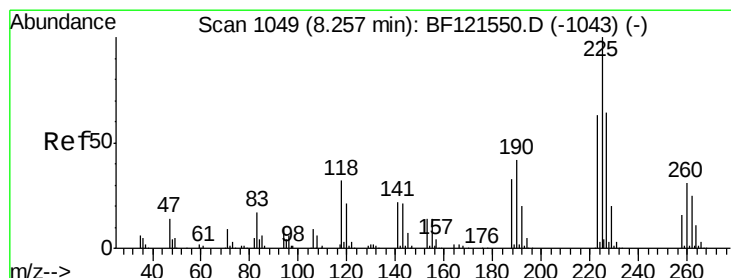
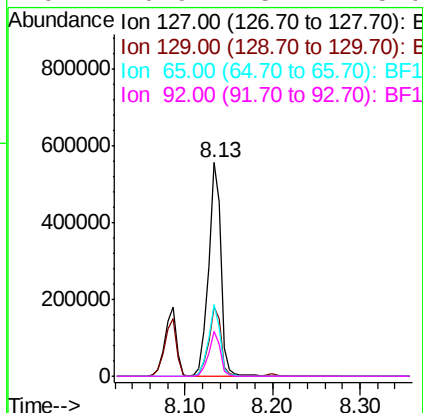
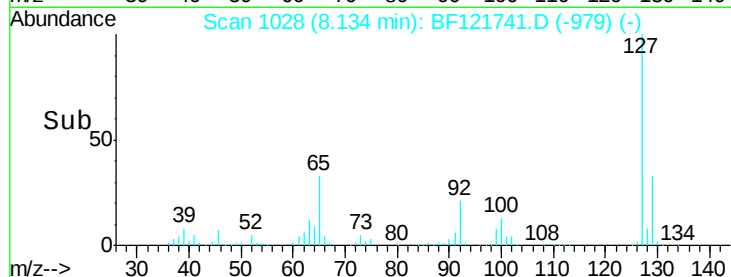
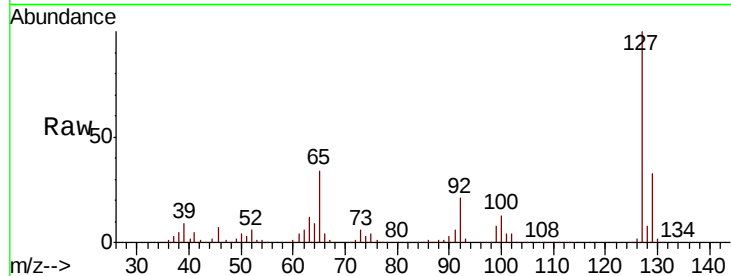




#33
4-Chloroaniline
Concen: 40.574 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

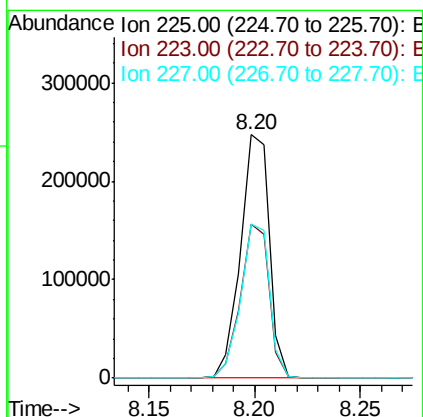
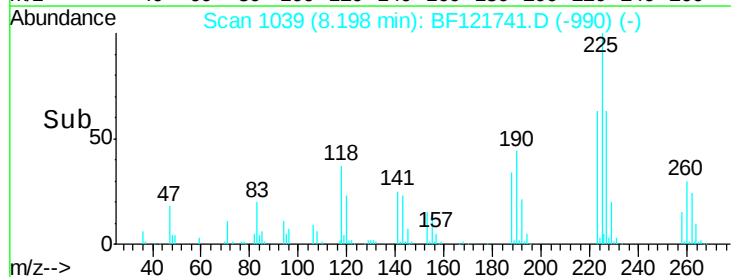
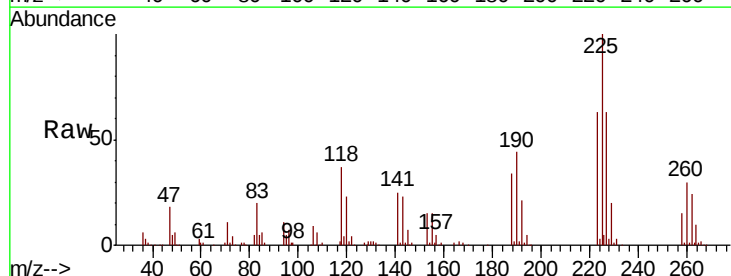
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

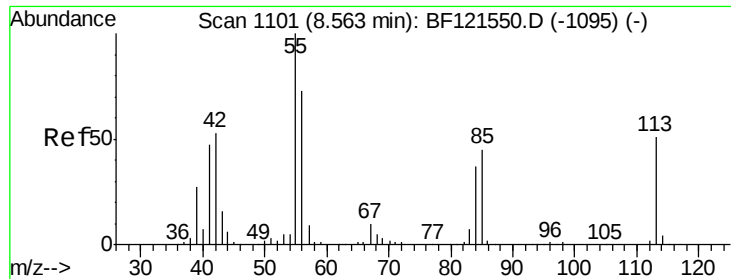
Tot Ion:	127	Resp:	550265
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.7	24.2	36.2
92	20.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.794 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:	225	Resp:	233415
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	63.1	51.0	76.4

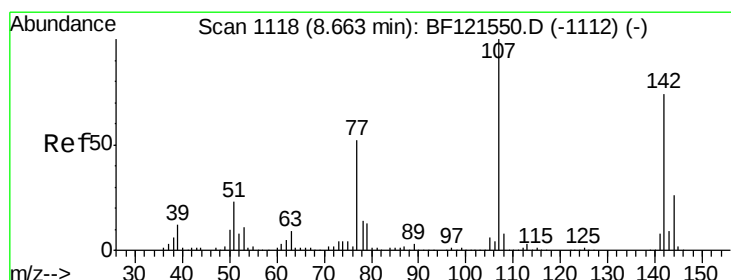
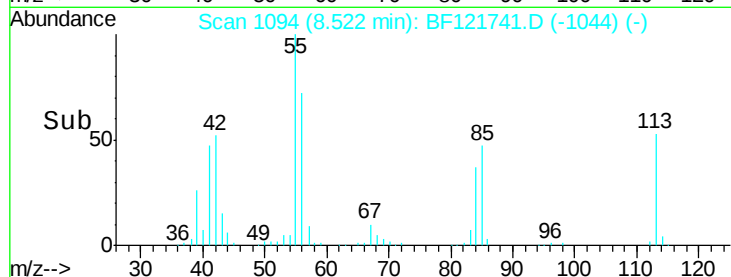
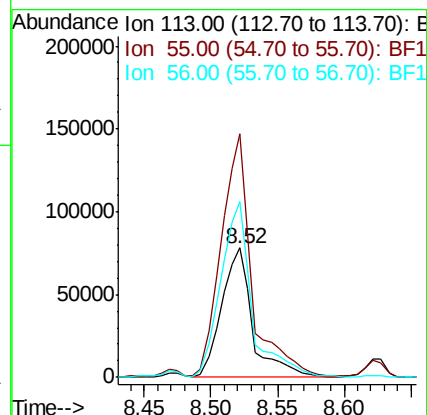
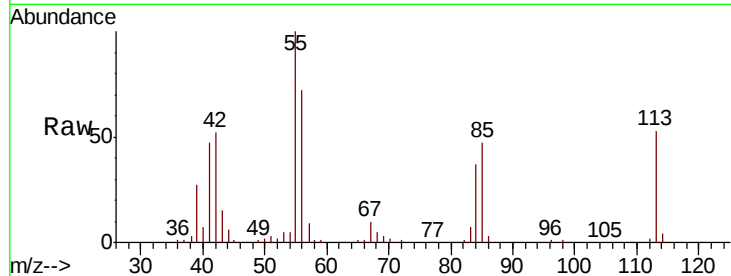




#35
Caprolactam
Concen: 42.490 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

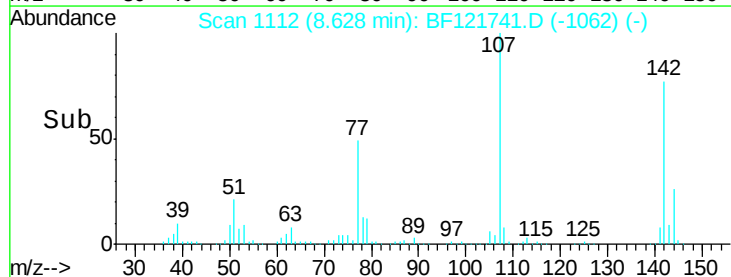
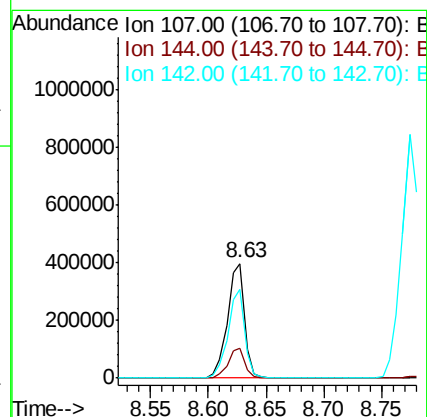
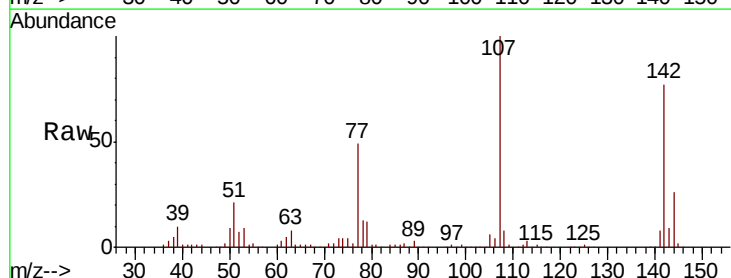
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 127832
Ion Ratio Lower Upper
113 100
55 188.6 170.7 210.7
56 135.9 122.1 162.1



#36
4-Chloro-3-methylphenol
Concen: 41.864 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:107 Resp: 407425
Ion Ratio Lower Upper
107 100
144 26.3 21.2 31.8
142 77.3 62.2 93.2





#37

2-Methylnaphthalene

Concen: 40.506 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

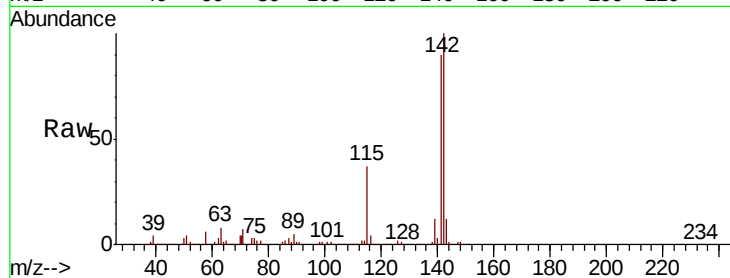
Tot Ion:142 Resp: 830515

Ion Ratio Lower Upper

142 100

141 89.7 70.1 105.1

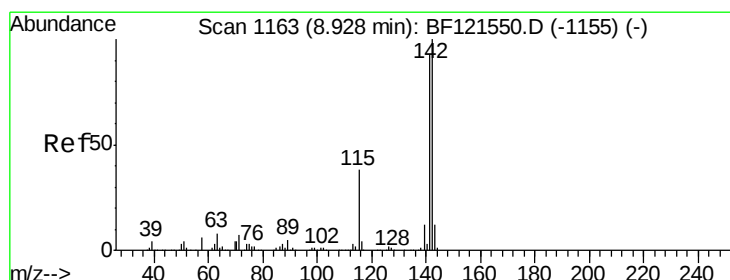
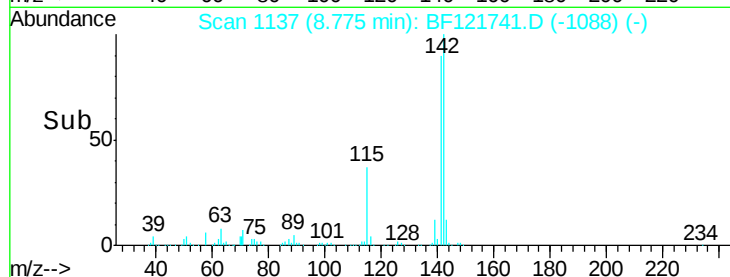
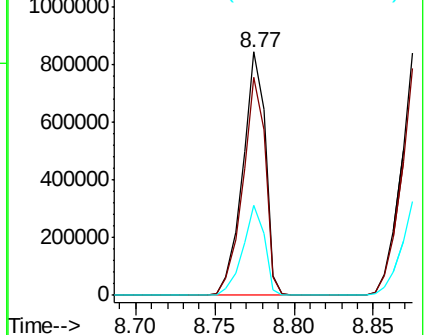
115 36.9 28.0 42.0



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: 40.657 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

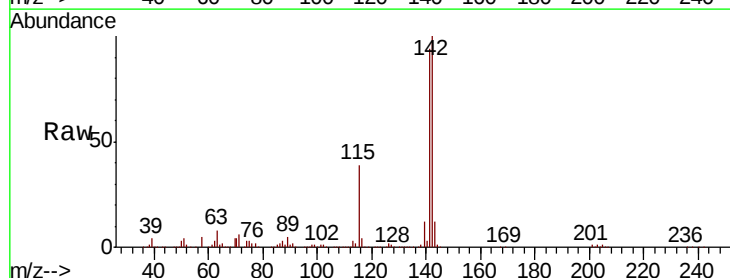
Tgt Ion:142 Resp: 775836

Ion Ratio Lower Upper

142 100

141 93.7 73.2 109.8

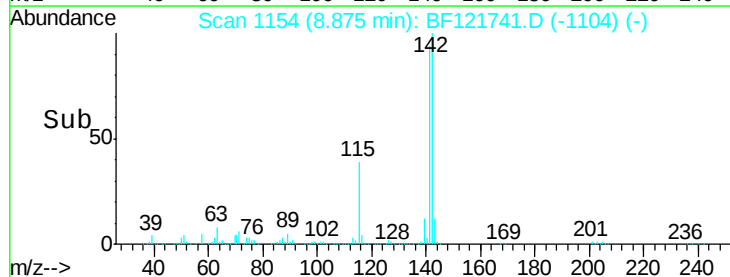
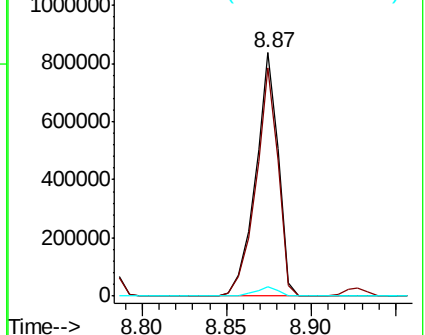
116 4.0 3.2 4.8

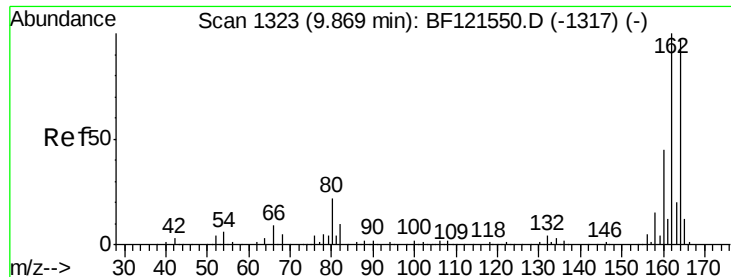


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

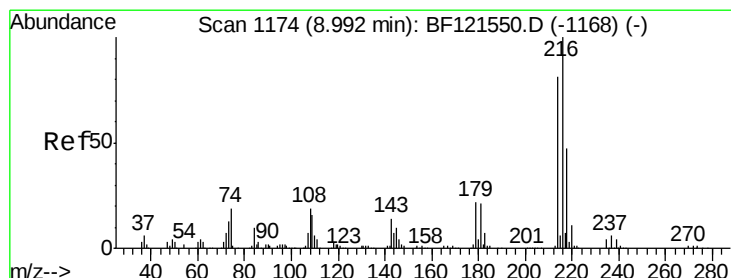
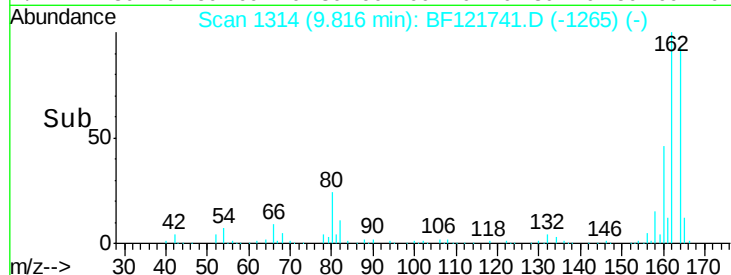
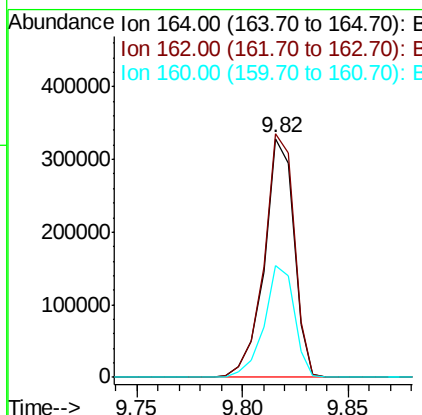
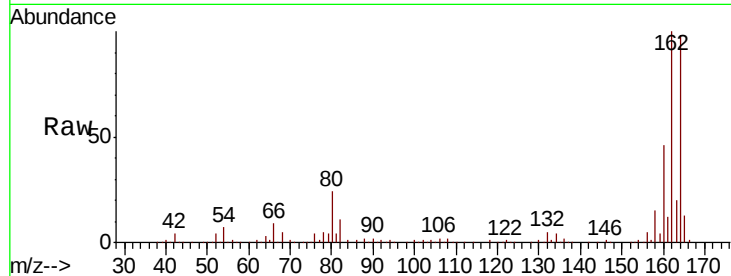




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

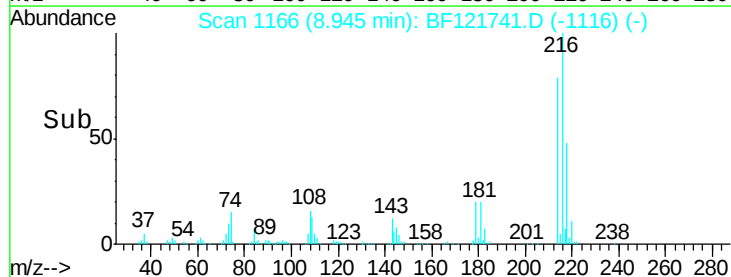
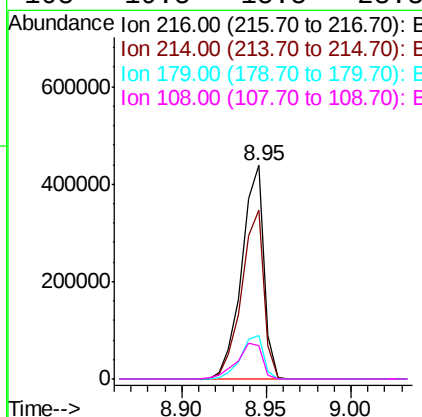
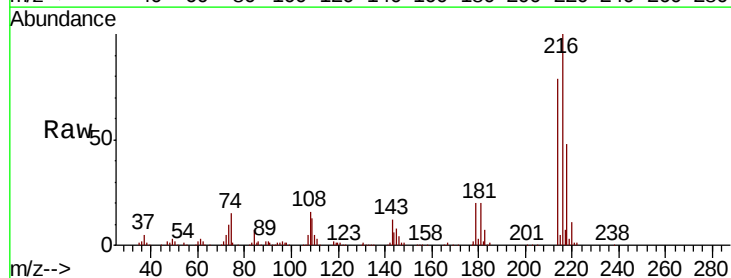
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	46.9	36.9	55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.914 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.0	96.0
179	20.8	16.8	25.2
108	19.5	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 35.666 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

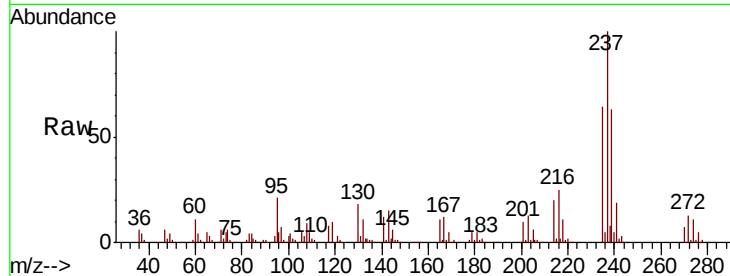
Tot Ion:237 Resp: 205560

Ion Ratio Lower Upper

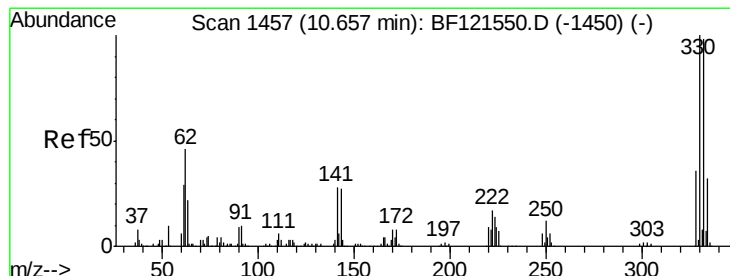
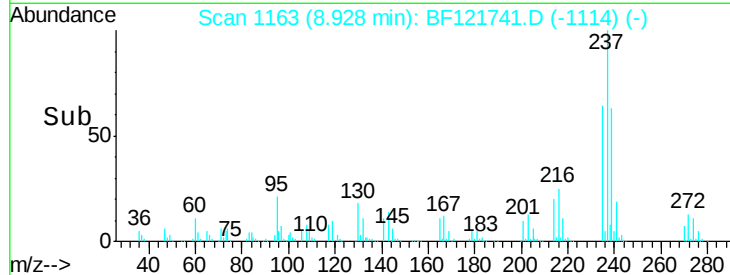
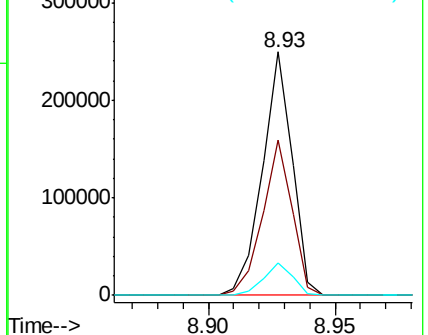
237 100

235 63.6 42.3 82.3

272 13.3 0.0 33.4



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: 90.216 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

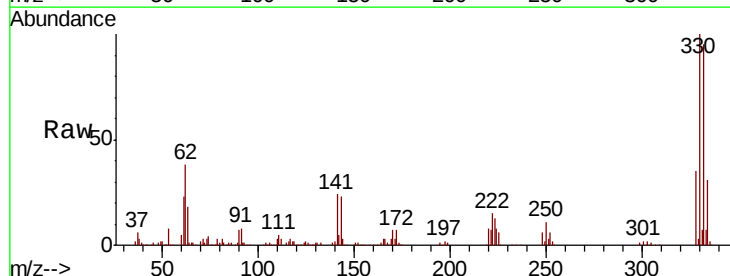
Tgt Ion:330 Resp: 362276

Ion Ratio Lower Upper

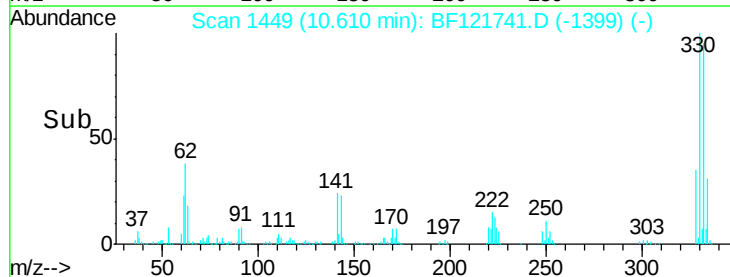
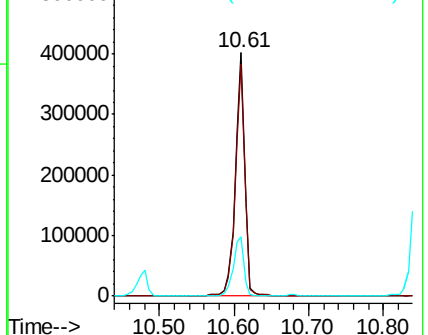
330 100

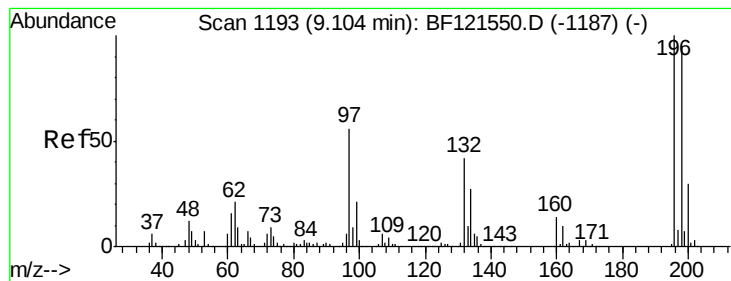
332 95.6 77.6 116.4

141 27.7 22.9 34.3



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: 39.436 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

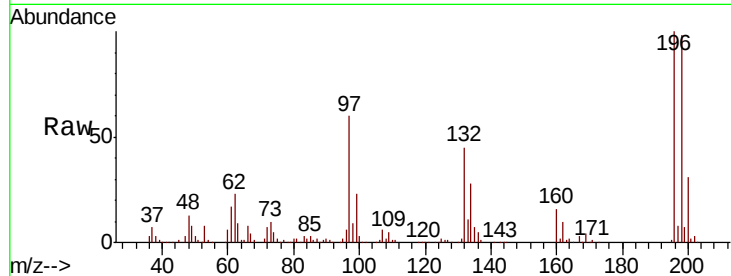
Tot Ion:196 Resp: 271284

Ion Ratio Lower Upper

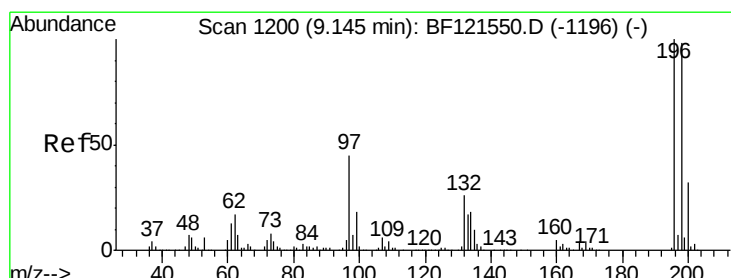
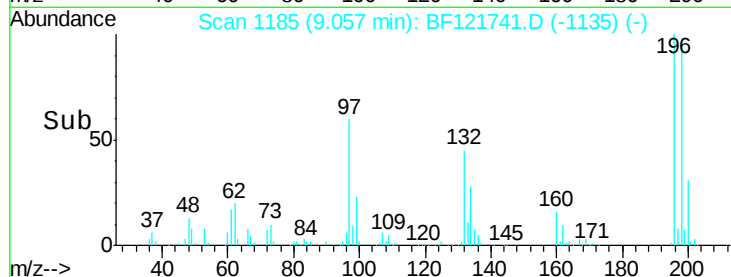
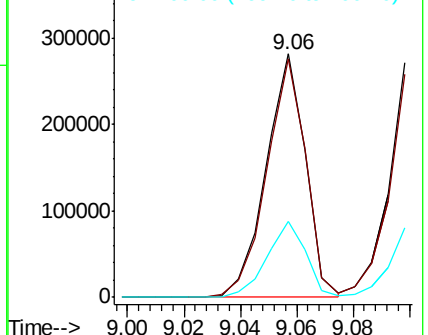
196 100

198 97.7 75.4 113.0

200 31.4 24.2 36.4



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



#44

2,4,5-Trichlorophenol

Concen: 39.803 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Tgt Ion:196 Resp: 289459

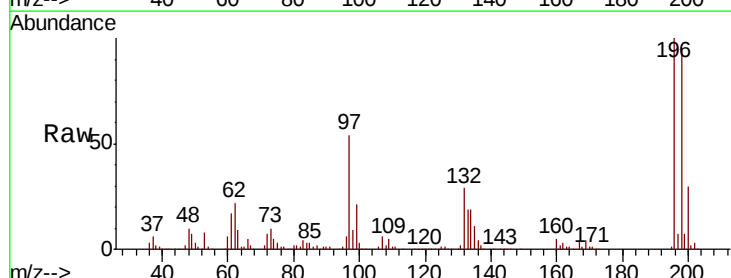
Ion Ratio Lower Upper

196 100

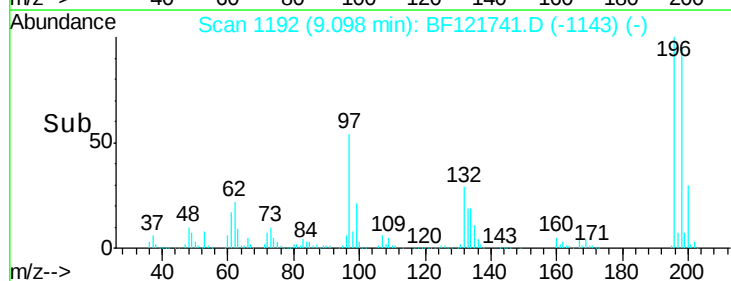
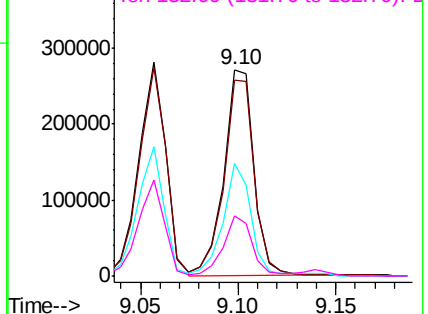
198 94.7 76.9 115.3

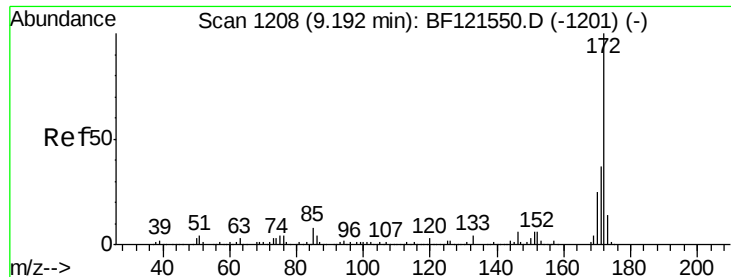
97 54.5 36.9 55.3

132 29.0 20.7 31.1



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

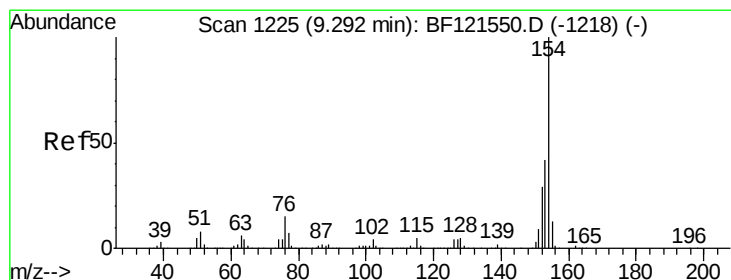
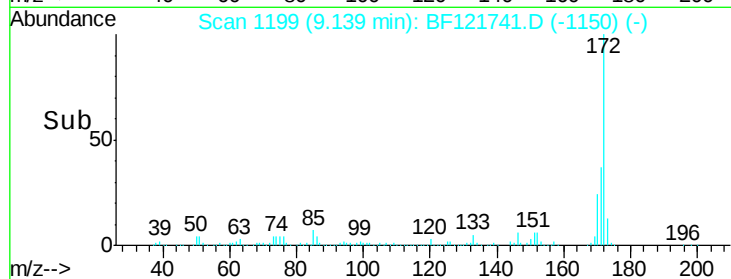
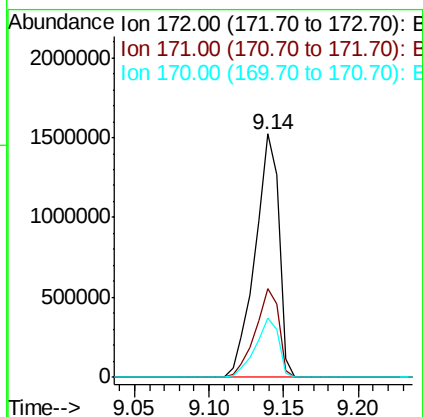
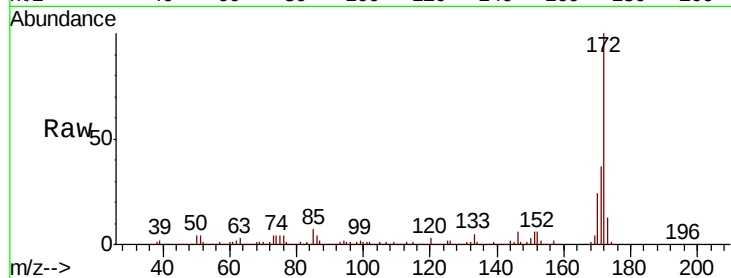




#45
2-Fluorobiphenyl
Concen: 78.179 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

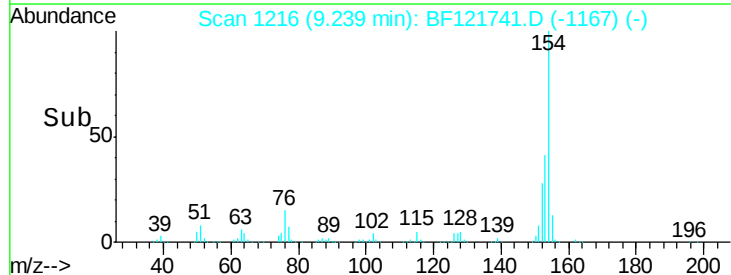
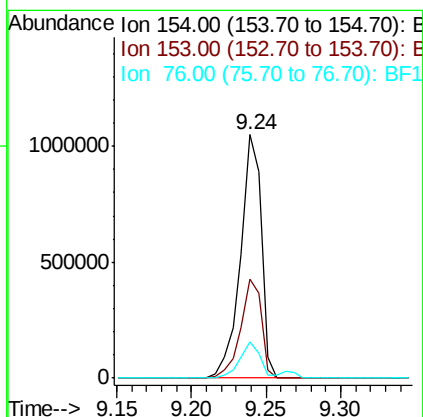
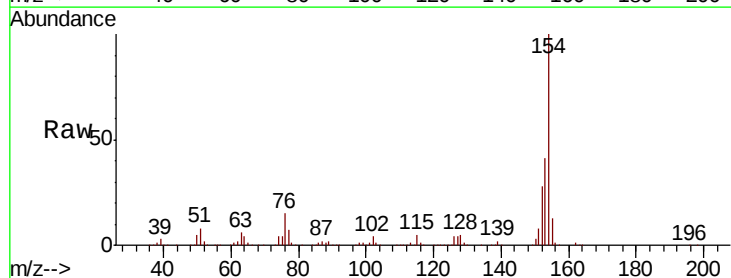
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

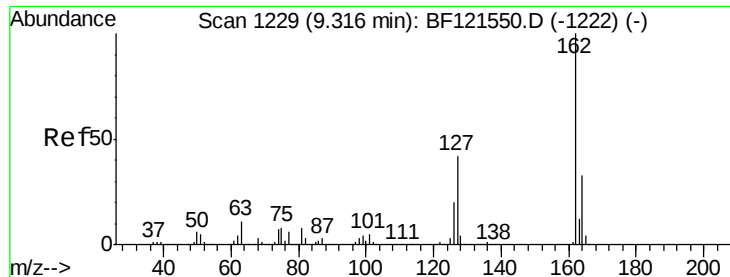
Tot Ion:172 Resp: 1667788
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 39.456 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:154 Resp: 1020570
Ion Ratio Lower Upper
154 100
153 40.7 21.2 61.2
76 15.0 0.0 33.3

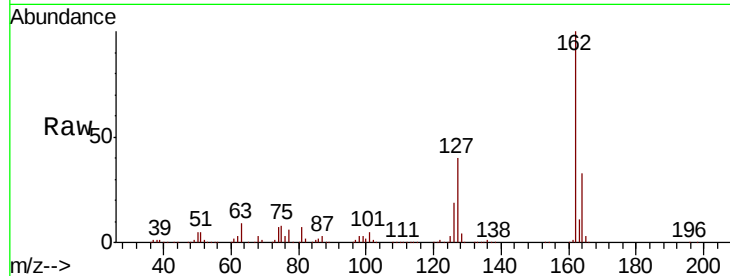




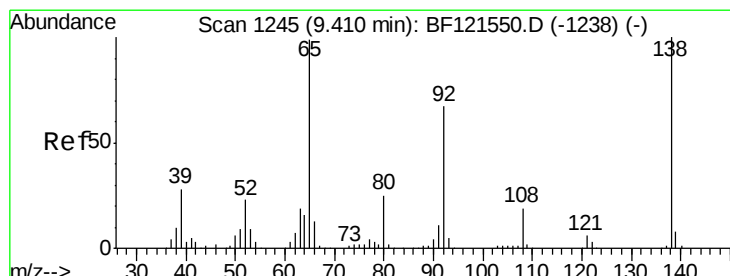
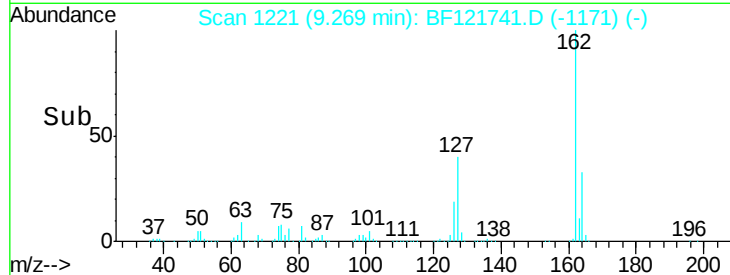
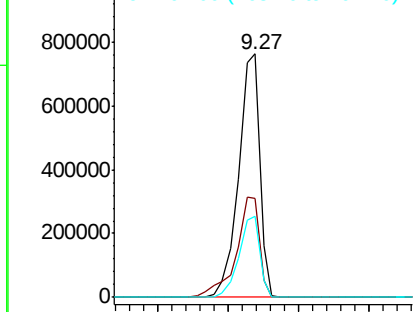
#47
 2-Chloronaphthalene
 Concen: 38.968 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162	Resp:	794279
Ion	Ratio	Lower Upper
162	100	
127	40.4	33.8 50.6
164	33.2	26.2 39.4

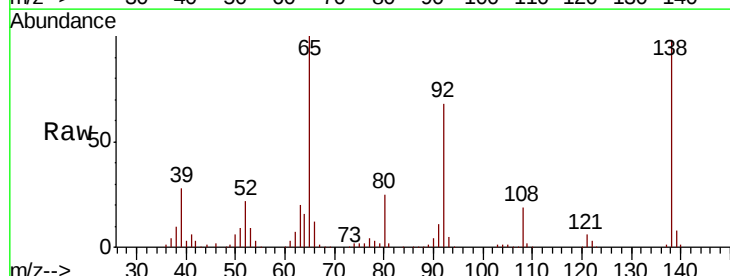


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

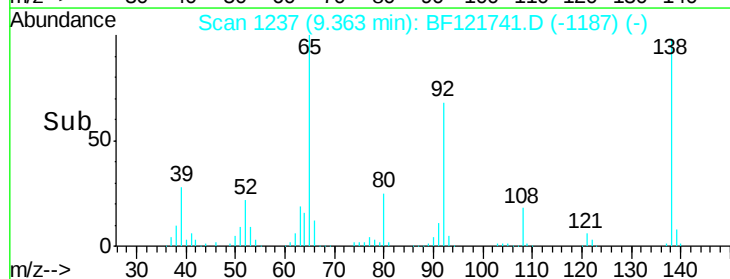
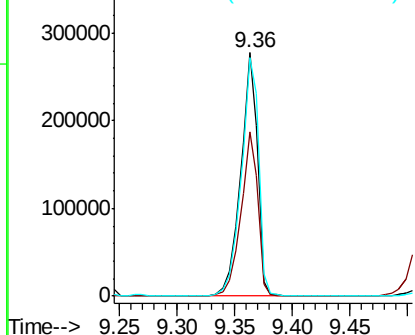


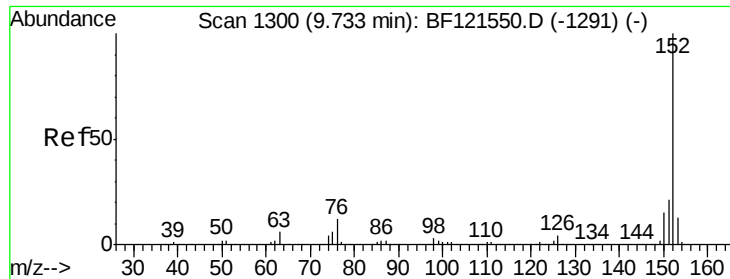
#48
 2-Nitroaniline
 Concen: 44.192 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion: 65	Resp:	279911
Ion	Ratio	Lower Upper
65	100	
92	67.6	53.1 79.7
138	97.9	76.7 115.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.909 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

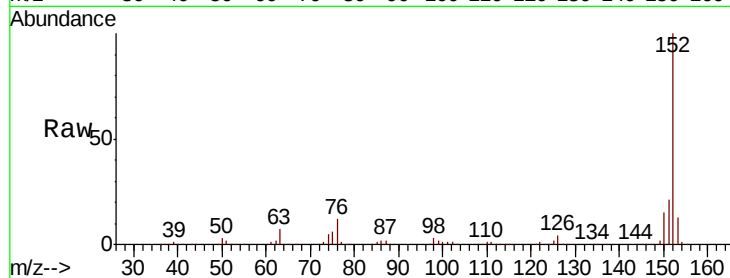
Tot Ion:152 Resp: 1249873

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

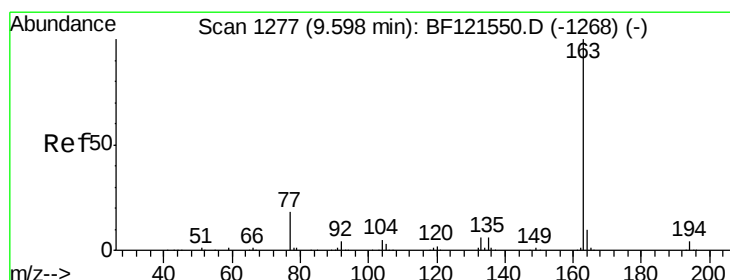
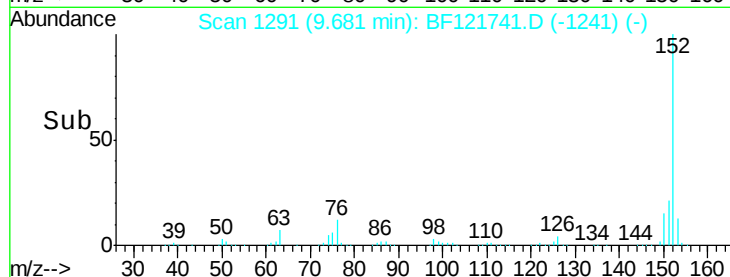
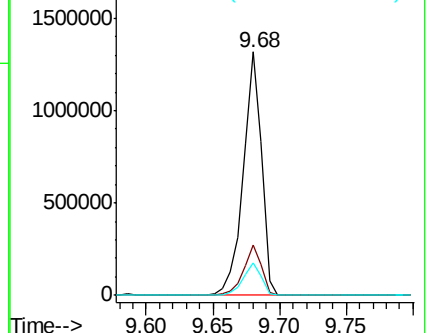
153 13.2 10.9 16.3



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: 42.752 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

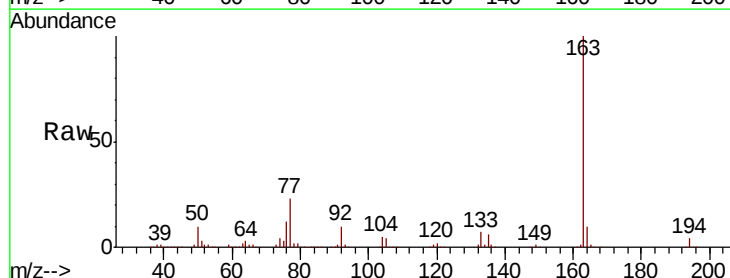
Tgt Ion:163 Resp: 1001151

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

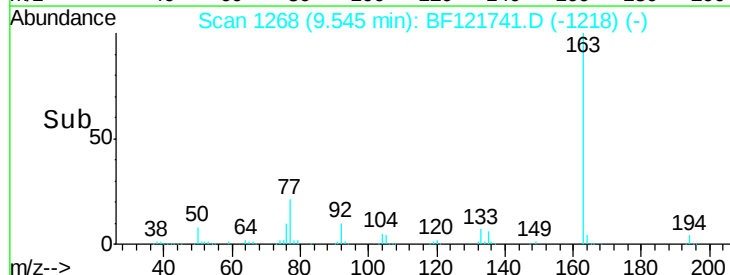
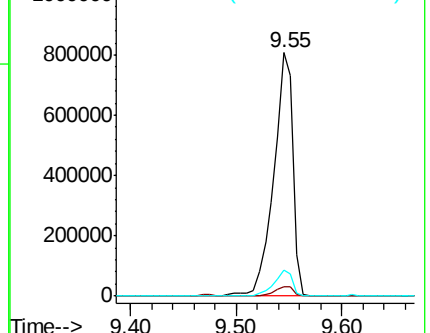
164 10.5 8.5 12.7

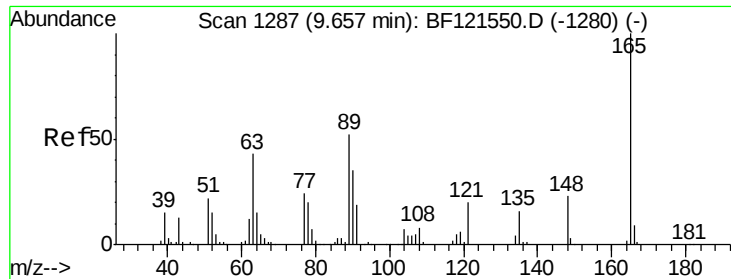


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

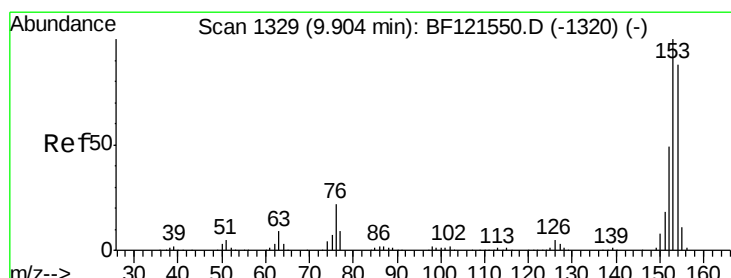
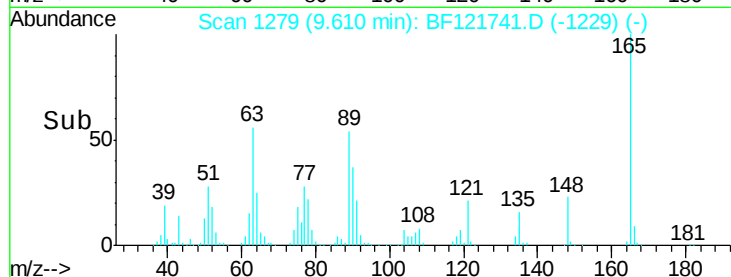
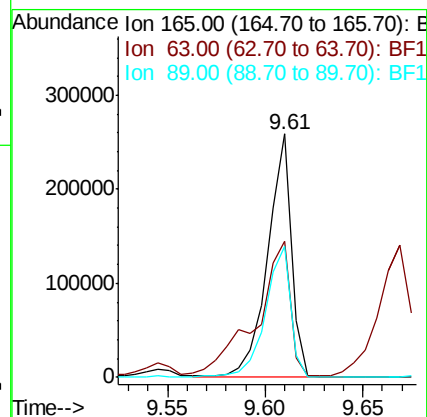
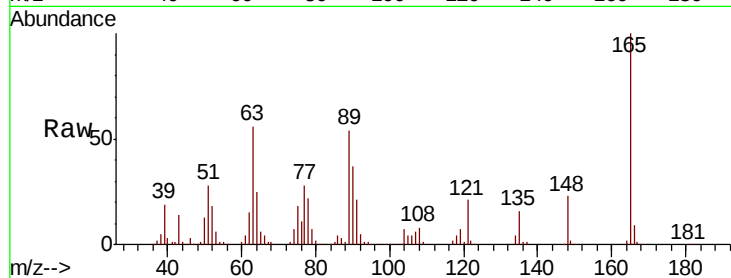




#51
 2,6-Dinitrotoluene
 Concen: 44.124 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

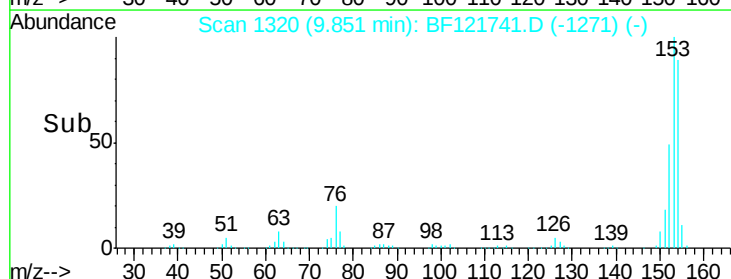
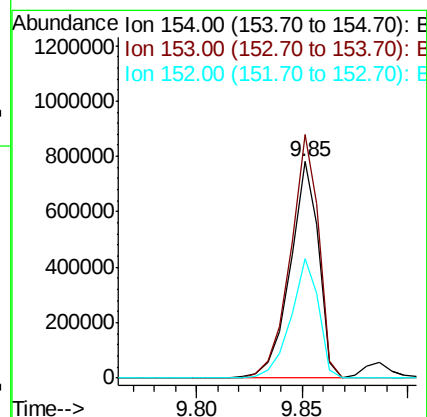
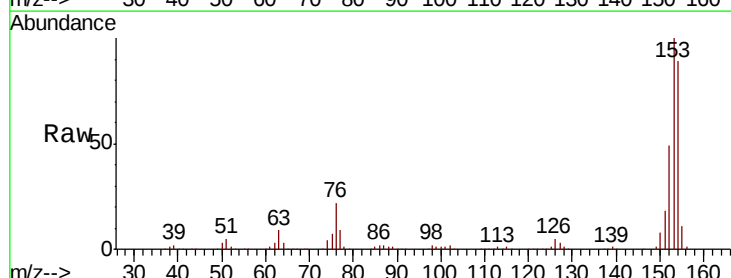
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

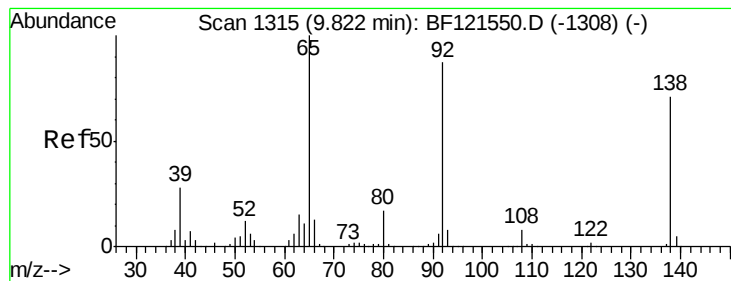
Tot Ion:165	Resp:	220051
Ion Ratio	Lower	Upper
165	100	
63	55.8	43.8 65.6
89	53.9	43.0 64.4



#52
 Acenaphthene
 Concen: 37.175 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion:154	Resp:	735358
Ion Ratio	Lower	Upper
154	100	
153	112.5	90.7 136.1
152	55.2	43.9 65.9





#53

3-Nitroaniline

Concen: 42.310 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

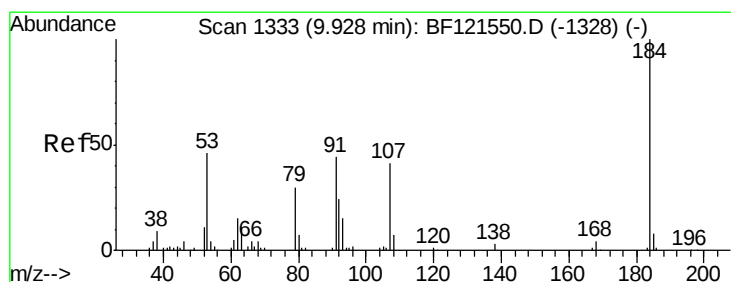
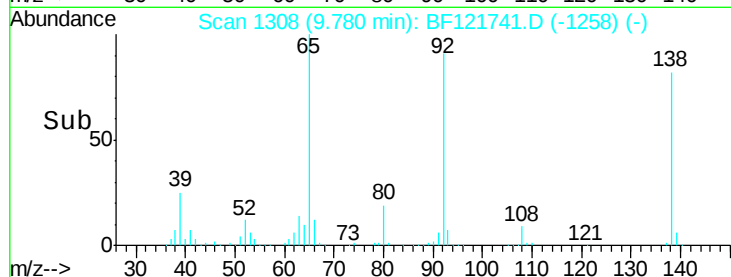
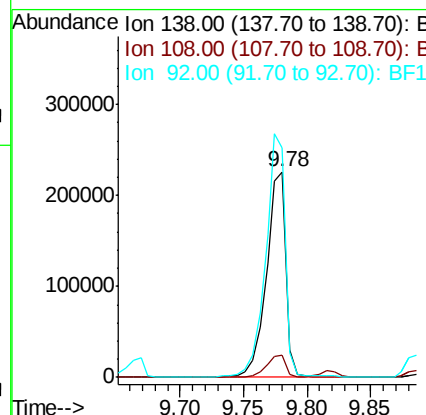
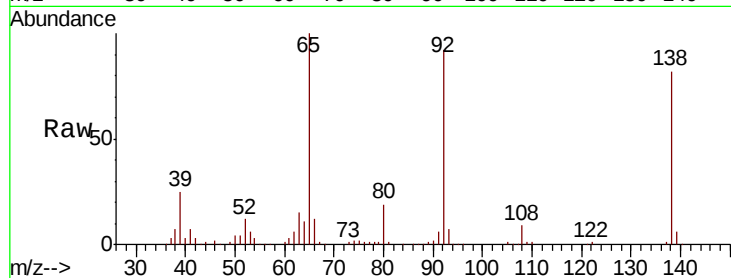
Tot Ion:138 Resp: 244437

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

92 111.6 93.4 140.0



#54

2,4-Dinitrophenol

Concen: 37.837 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

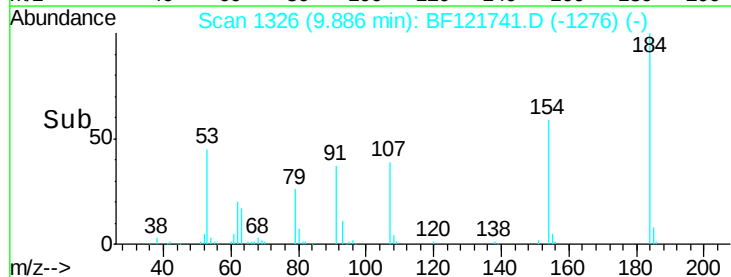
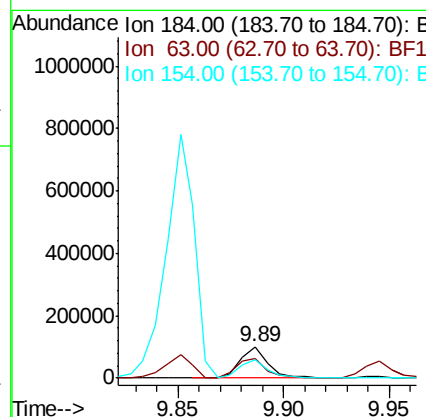
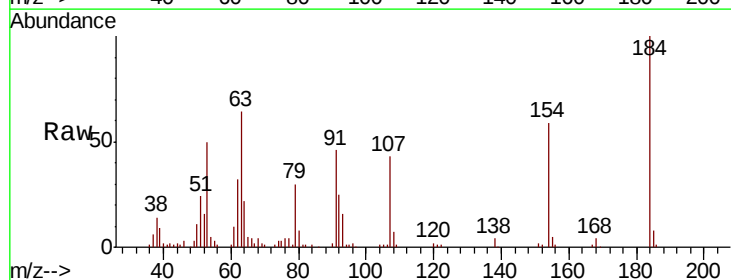
Tgt Ion:184 Resp: 93369

Ion Ratio Lower Upper

184 100

63 63.6 50.1 75.1

154 58.5 47.0 70.6

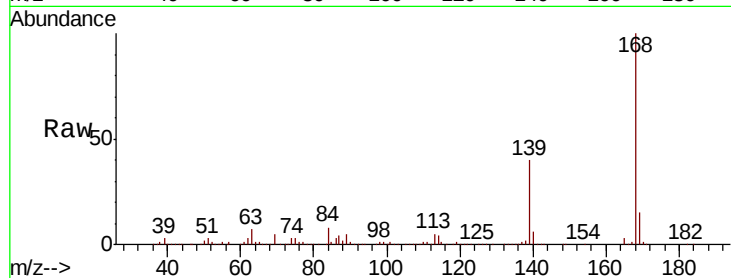




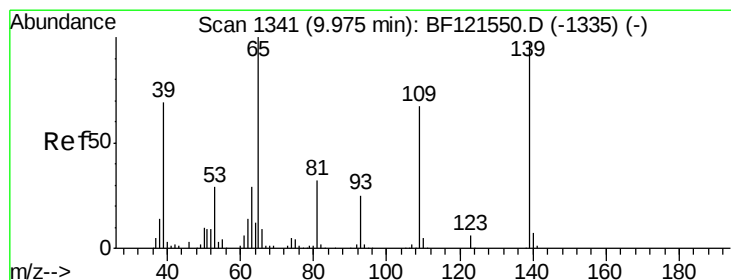
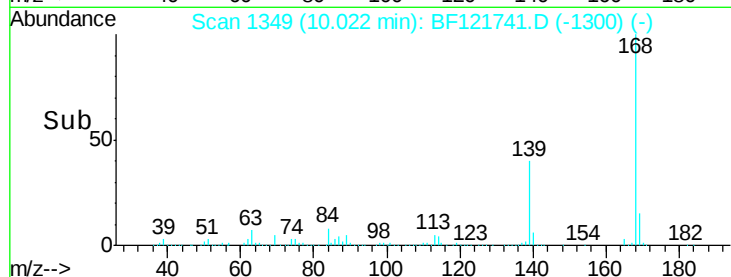
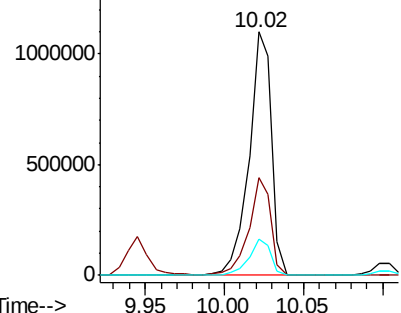
#55
Dibenzofuran
Concen: 39.288 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1094414
Ion Ratio Lower Upper
168 100
139 40.1 30.3 45.5
169 14.7 11.2 16.8

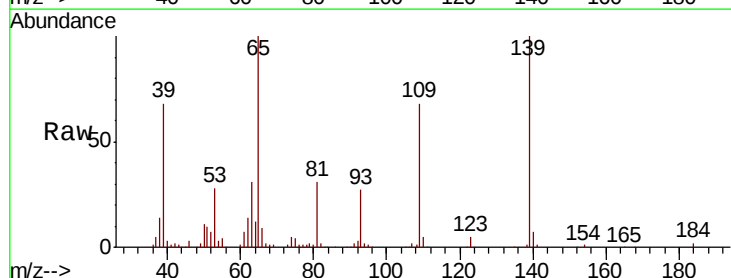


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

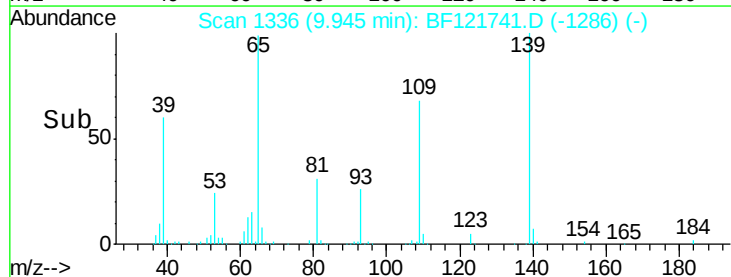
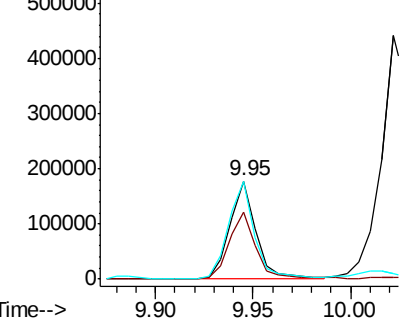


#56
4-Nitrophenol
Concen: 36.609 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:139 Resp: 168670
Ion Ratio Lower Upper
139 100
109 68.0 48.4 88.4
65 99.7 77.7 117.7



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

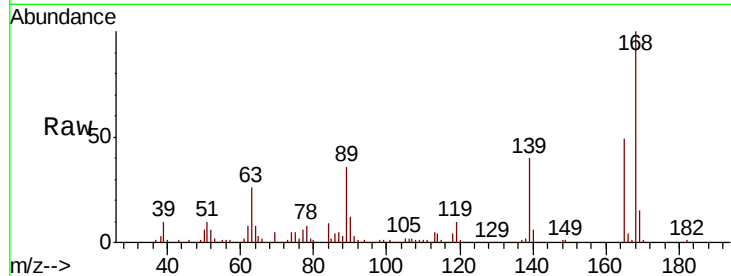




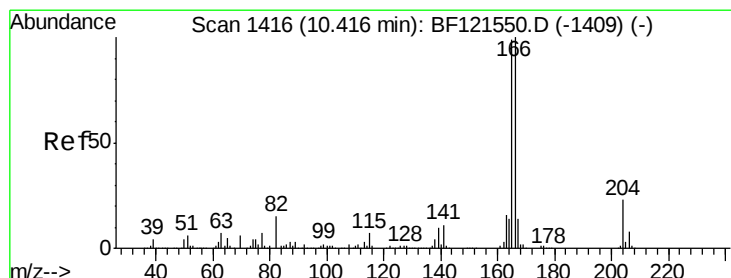
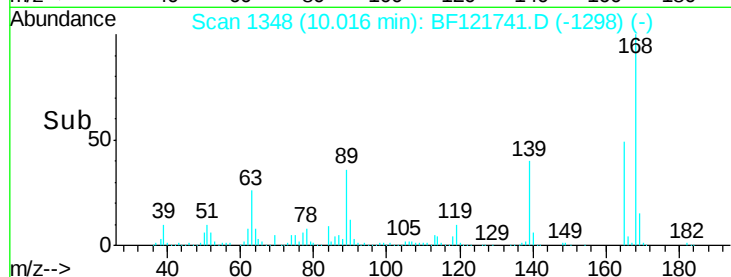
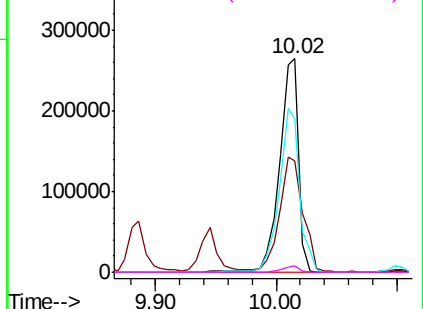
#57
2,4-Dinitrotoluene
Concen: 45.777 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	287208
Ion	Ratio	Lower	Upper
165	100		
63	52.4	39.0	58.6
89	72.2	57.5	86.3
182	2.8	2.2	3.4

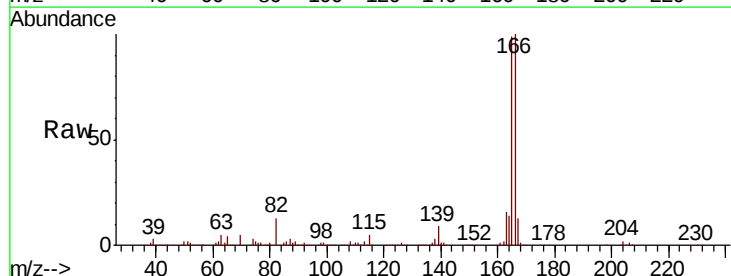


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

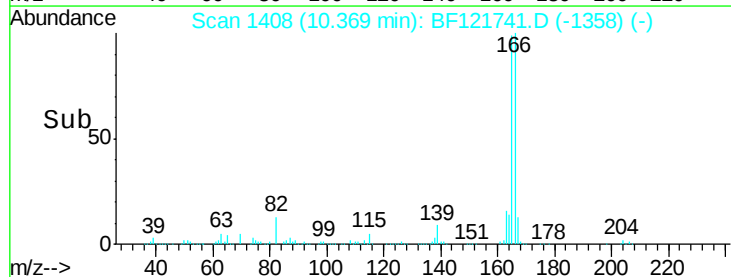
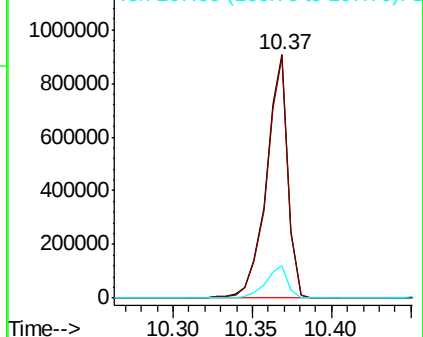


#58
Fluorene
Concen: 40.375 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:	166	Resp:	860089
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.5	10.6	16.0



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

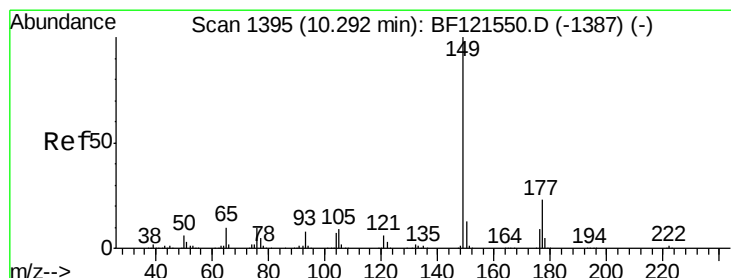
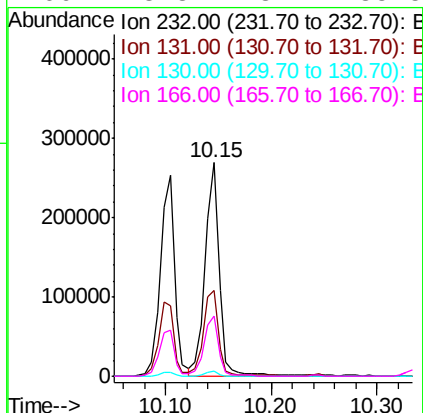
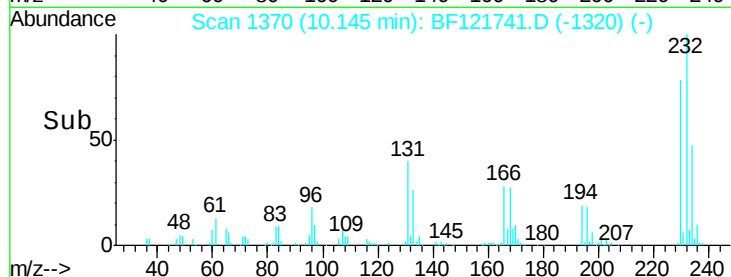
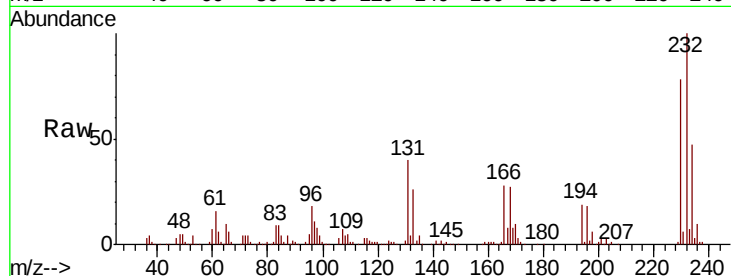




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.967 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

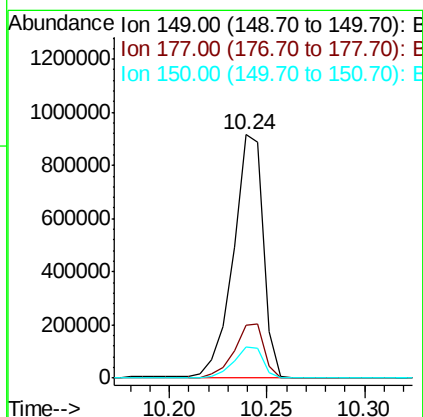
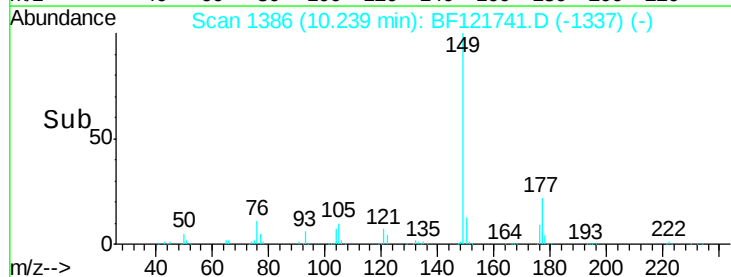
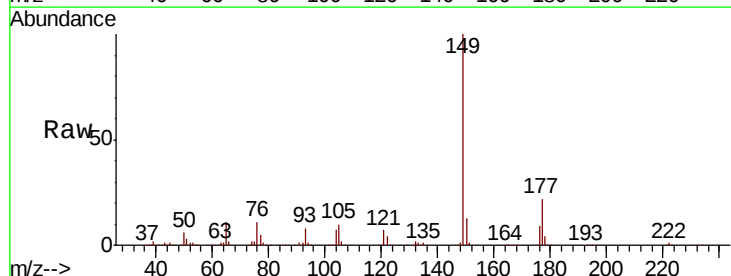
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

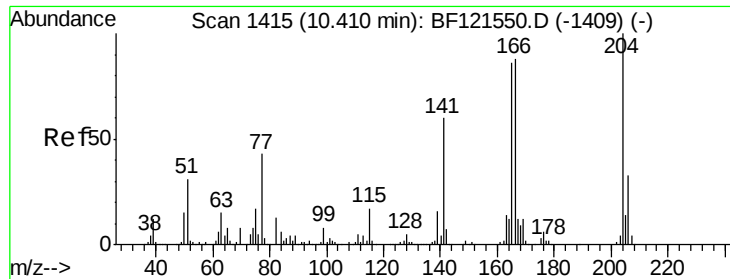
Tot Ion:232	Resp:	248117
Ion Ratio	Lower	Upper
232	100	
131	43.8	34.9 52.3
130	2.2	1.7 2.5
166	28.8	23.7 35.5



#60
 Diethylphthalate
 Concen: 42.612 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion:149	Resp:	972898
Ion Ratio	Lower	Upper
149	100	
177	22.0	18.2 27.2
150	12.7	10.0 15.0

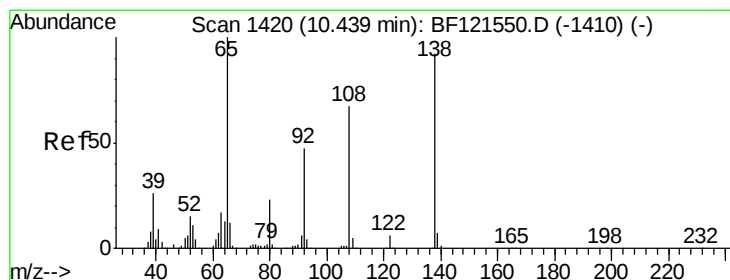
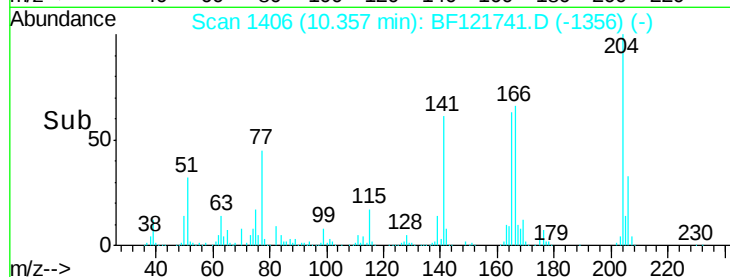
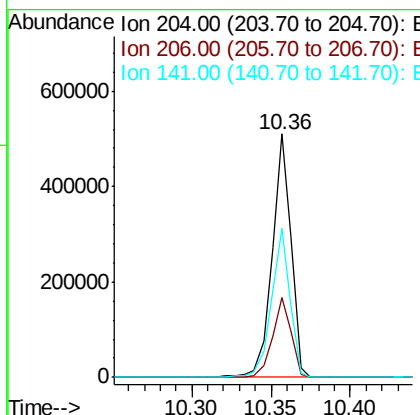
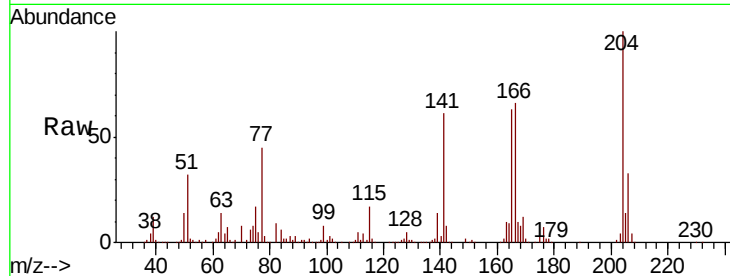




#61
4-Chlorophenyl-phenylether
Concen: 41.636 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

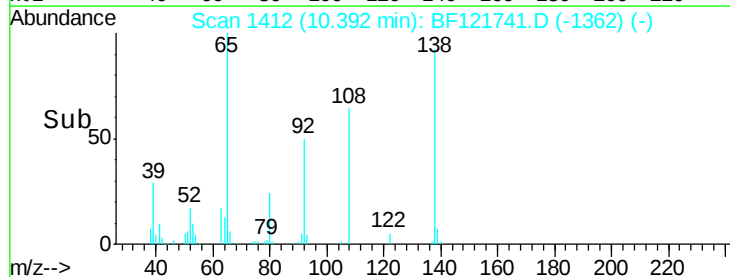
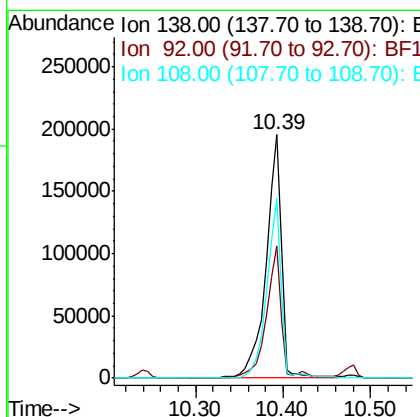
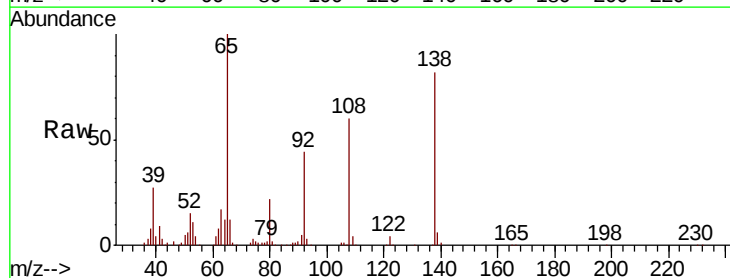
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

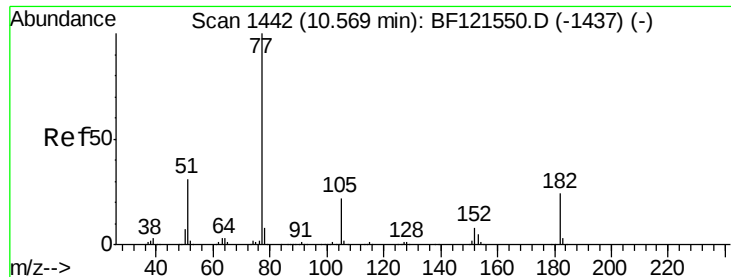
Tot Ion:204 Resp: 424884
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 60.9 51.4 77.0



#62
4-Nitroaniline
Concen: 41.788 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:138 Resp: 239711
Ion Ratio Lower Upper
138 100
92 54.2 33.6 73.6
108 73.8 53.5 93.5





#63

Azobenzene

Concen: 40.769 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 991236

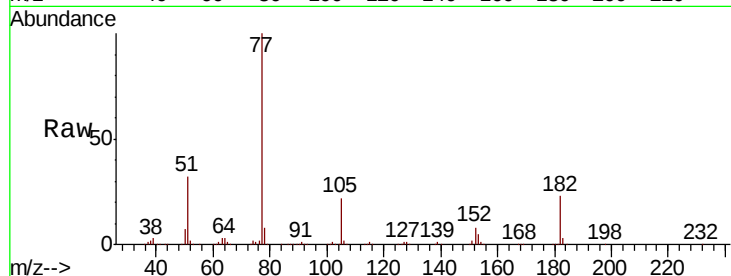
Ion Ratio Lower Upper

77 100

182 22.9 6.5 46.5

105 21.6 2.1 42.1

51 31.8 11.3 51.3

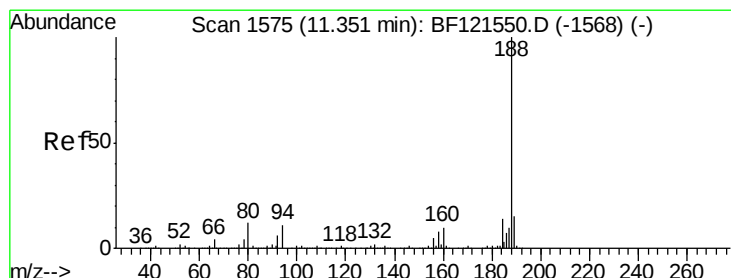
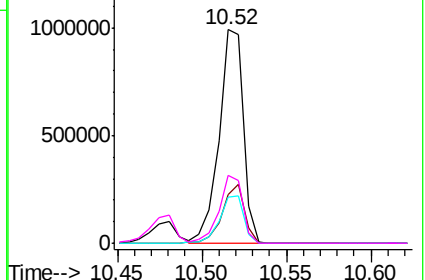
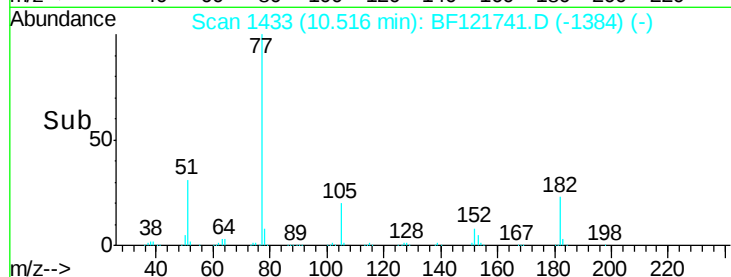


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

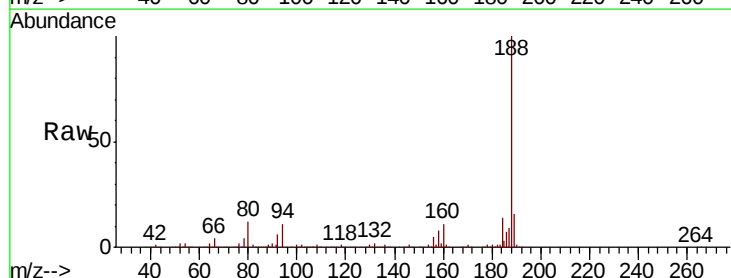
Tgt Ion: 188 Resp: 627901

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.2

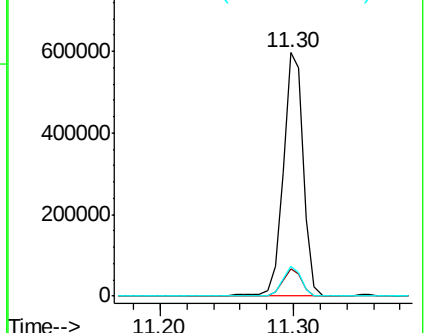
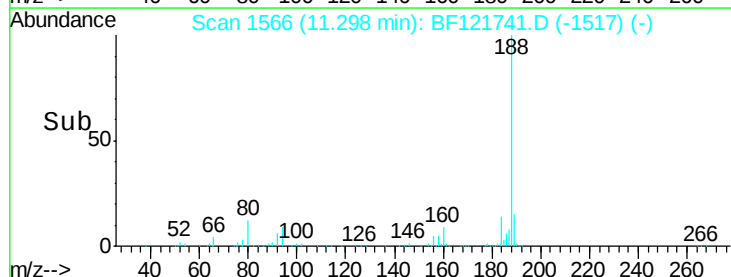
80 12.2 8.9 13.3

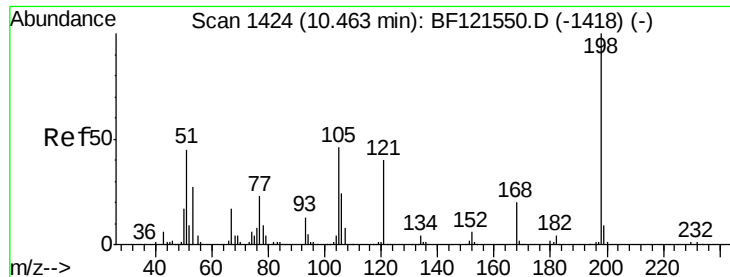


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

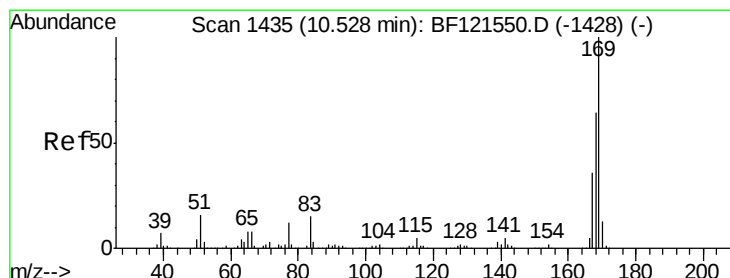
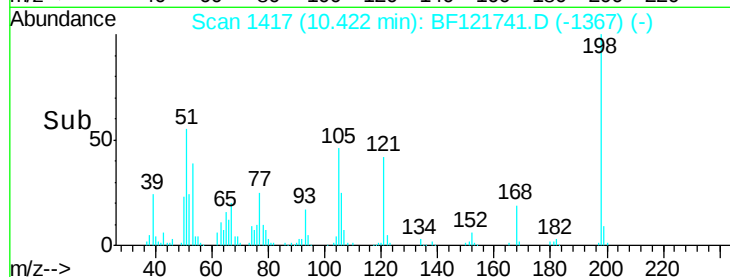
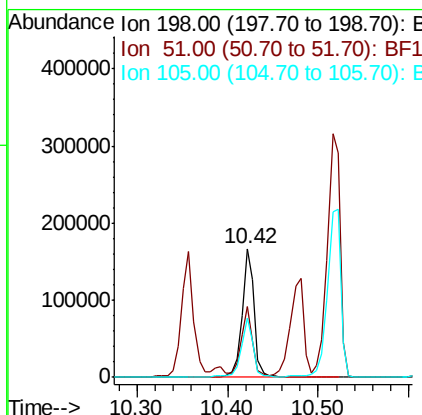
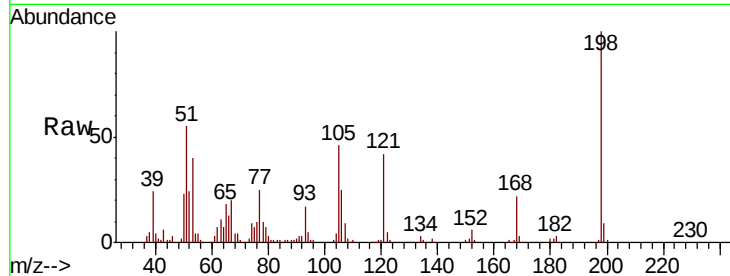




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.073 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

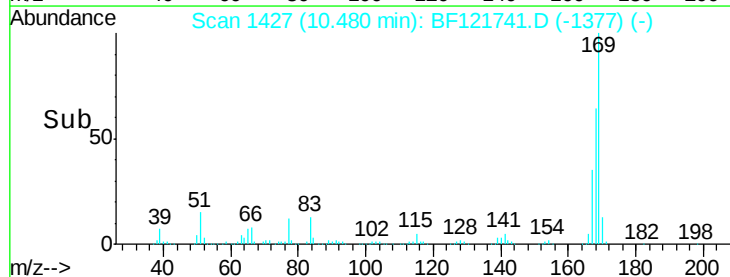
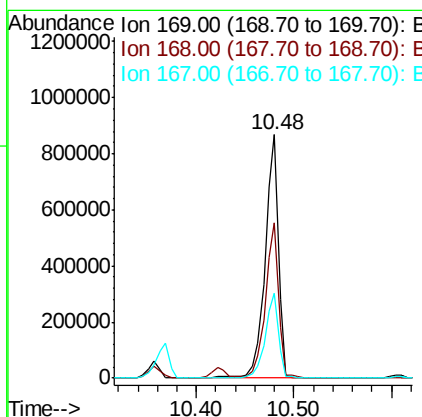
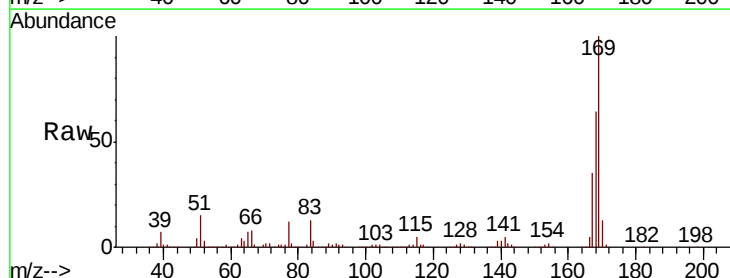
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	198	Resp	158307
Ion Ratio	100	Lower	Upper
51	54.6	34.7	74.7
105	46.0	27.8	67.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.236 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion	169	Resp	845221
Ion Ratio	100	Lower	Upper
168	63.7	51.0	76.6
167	35.0	28.4	42.6

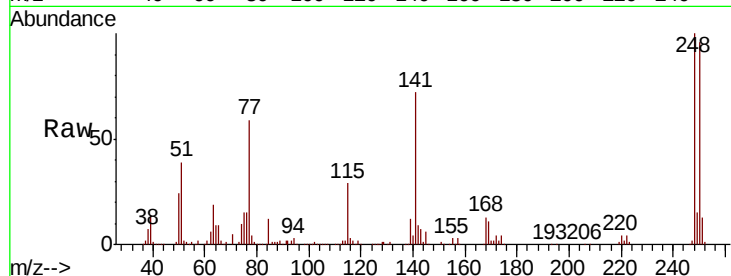




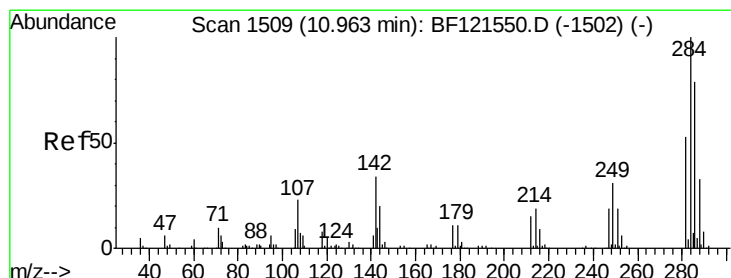
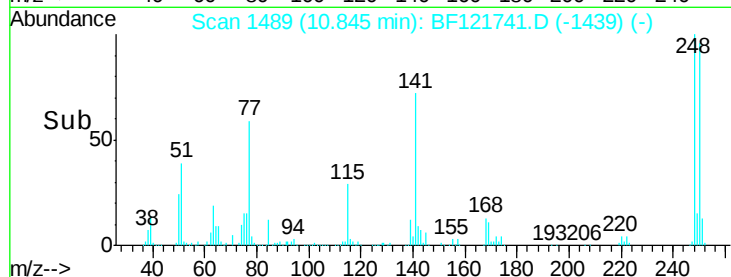
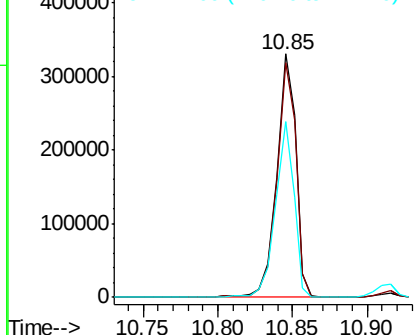
#67
 4-Bromophenyl-phenylether
 Concen: 41.533 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 296918
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.6 118.0
 141 72.4 60.0 90.0

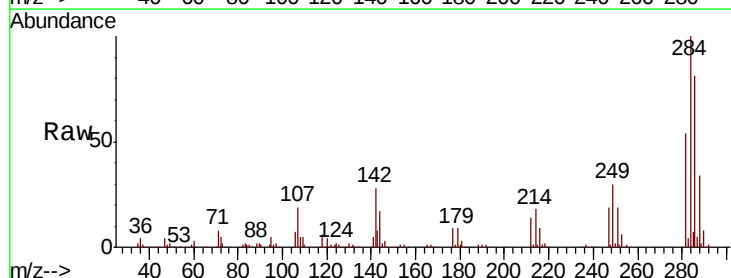


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

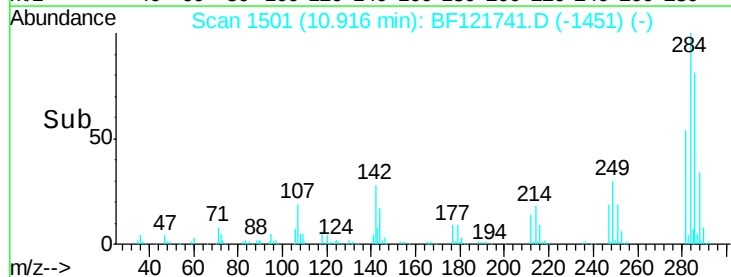
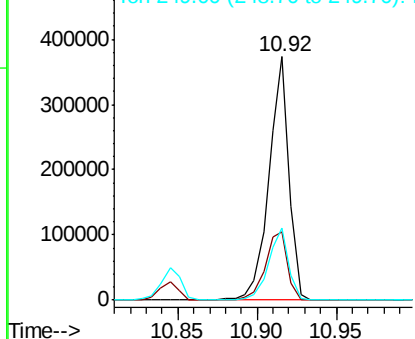


#68
 Hexachlorobenzene
 Concen: 40.912 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion:284 Resp: 330071
 Ion Ratio Lower Upper
 284 100
 142 27.9 24.1 36.1
 249 29.8 23.8 35.8



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

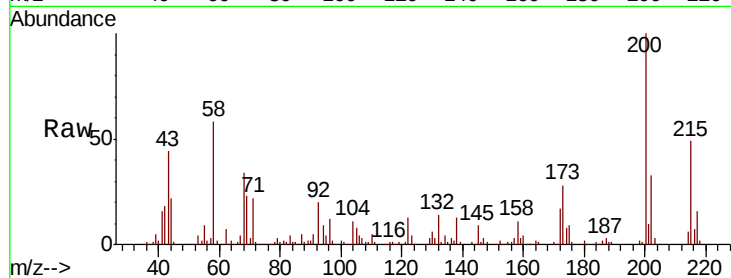




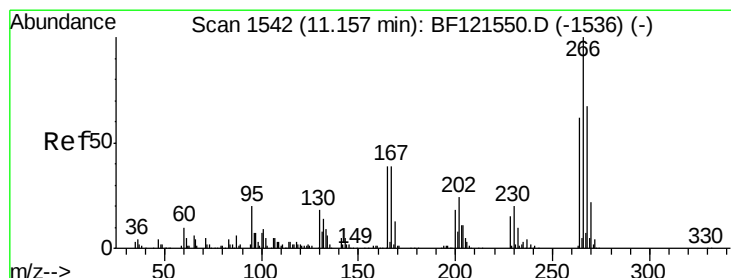
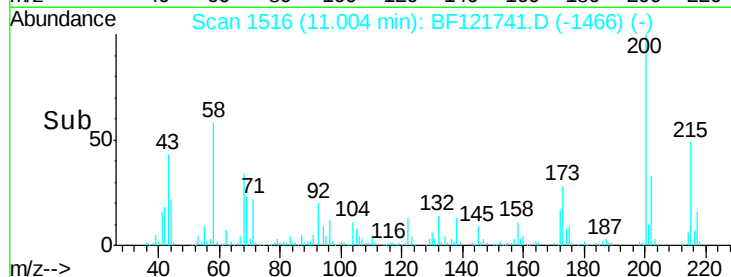
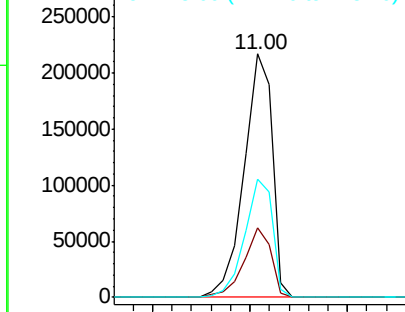
#69
Atrazine
Concen: 40.596 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.9	47.9
215	48.6	28.3	68.3

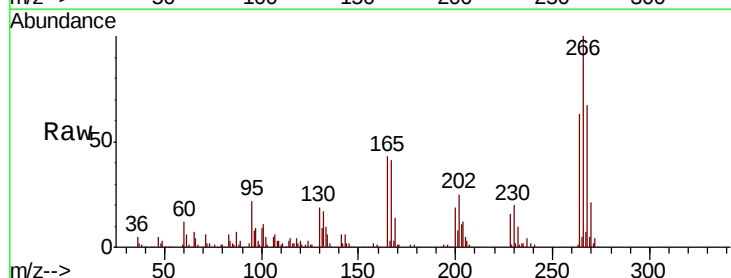


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

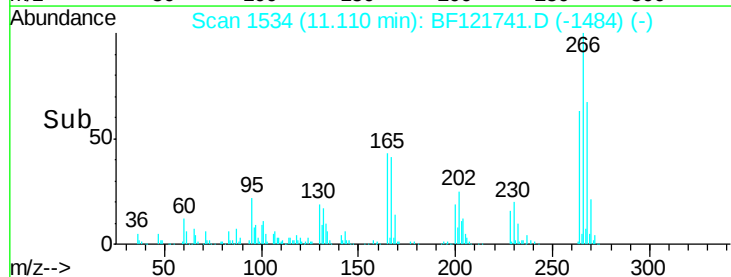
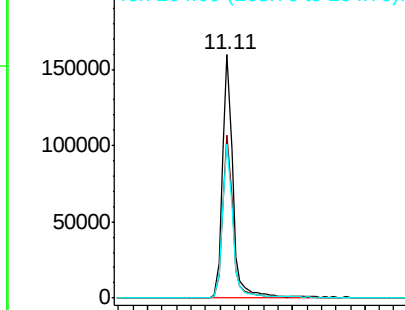


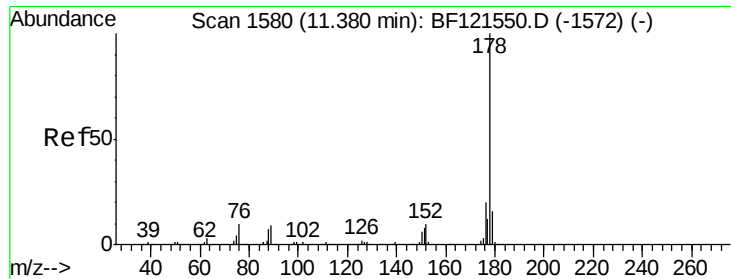
#70
Pentachlorophenol
Concen: 36.821 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	53.2	79.8
264	63.1	50.1	75.1



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

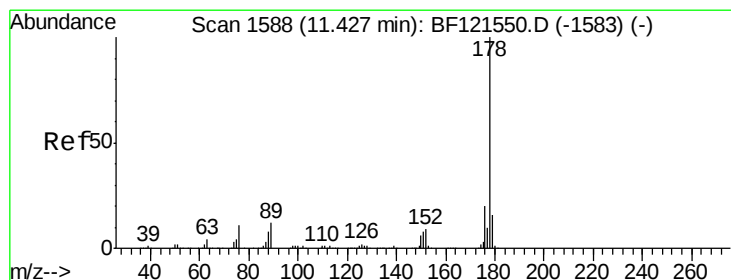
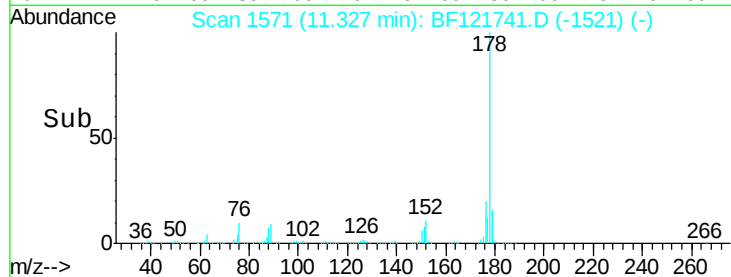
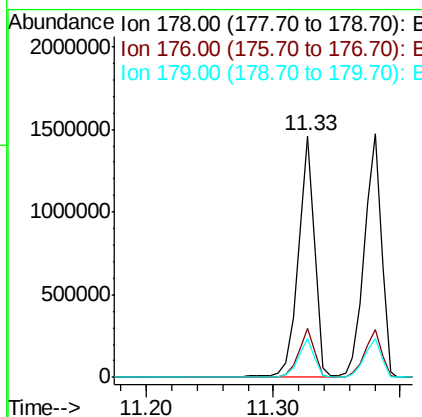
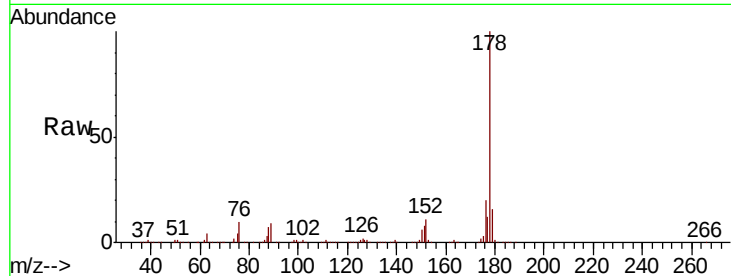




#71
Phenanthrene
Concen: 38.868 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

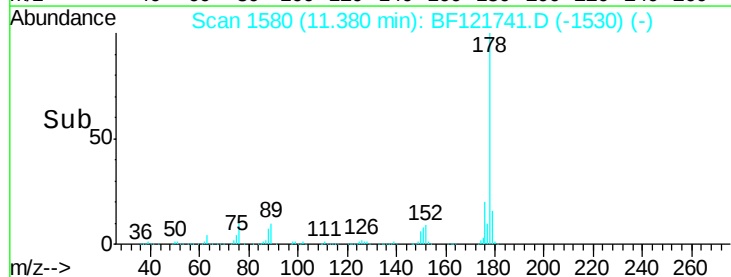
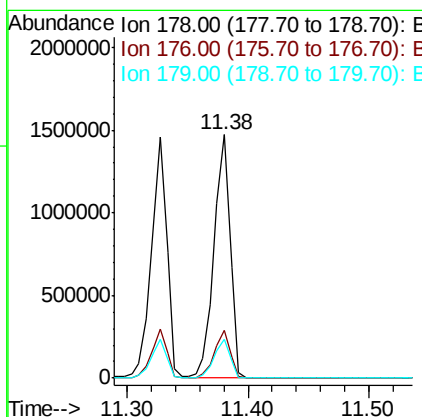
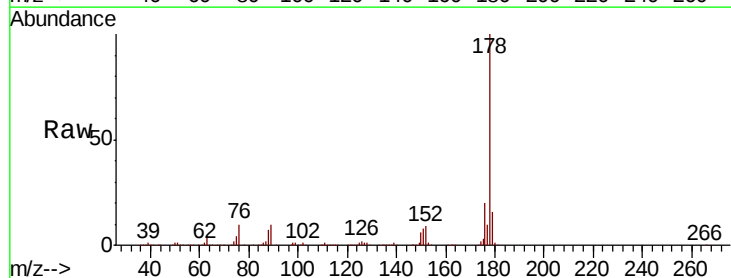
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1329693
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.8 12.6 19.0



#72
Anthracene
Concen: 38.312 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:178 Resp: 1352567
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.6 19.0





#73

Carbazole

Concen: 37.987 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

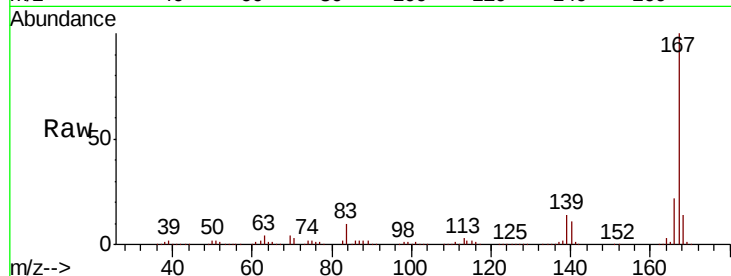
Tot Ion:167 Resp: 1210220

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

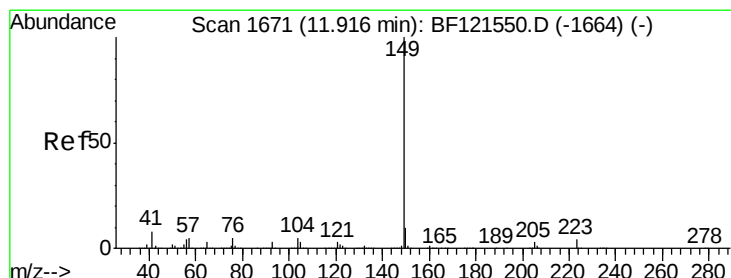
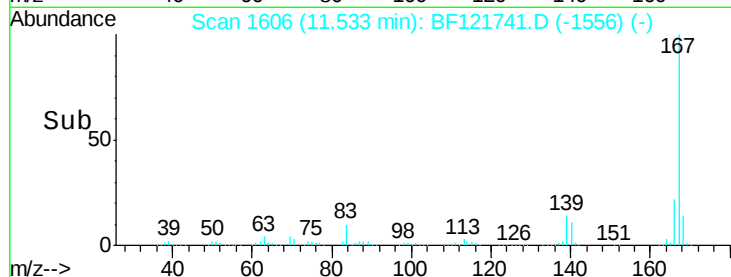
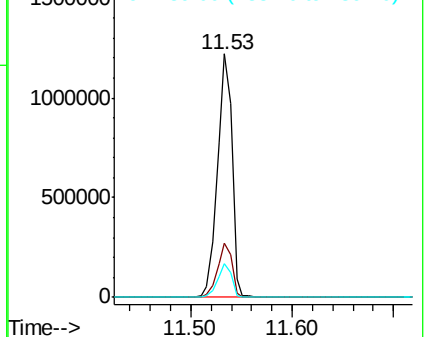
139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.939 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

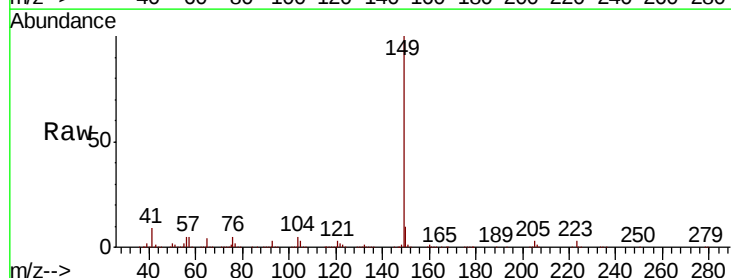
Tgt Ion:149 Resp: 1542101

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

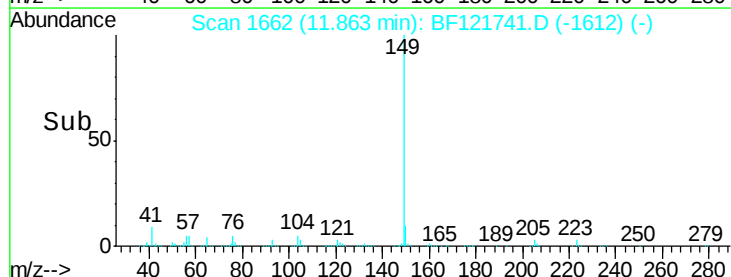
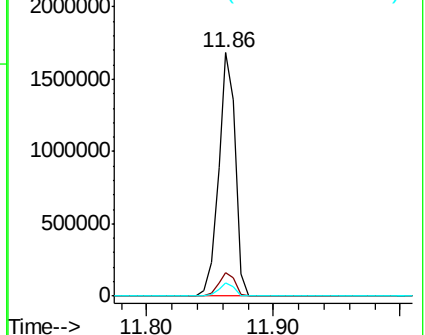
104 5.3 4.2 6.4

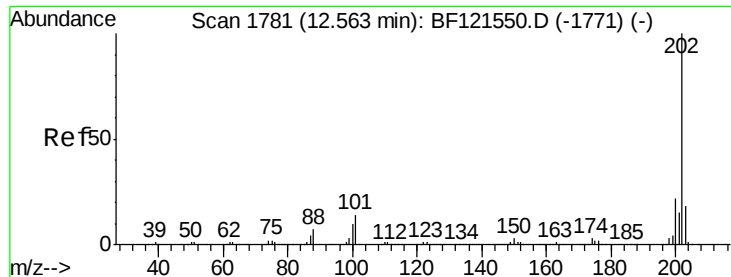


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

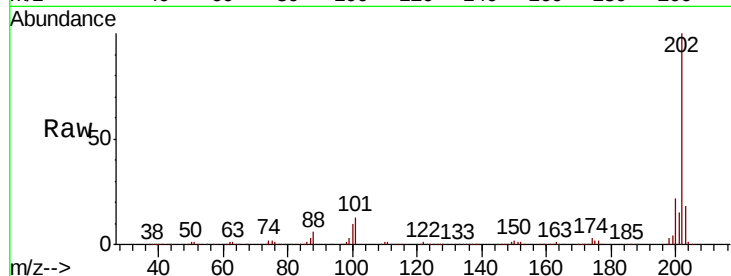




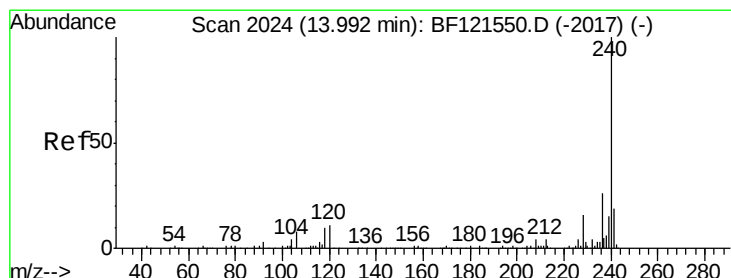
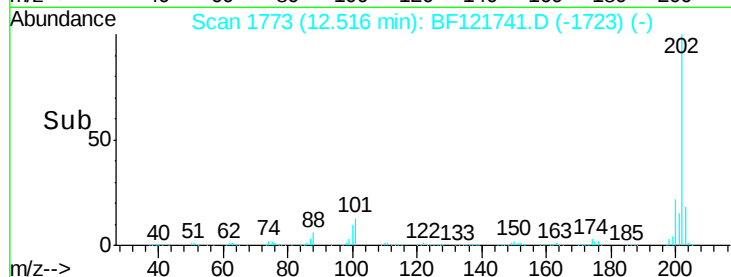
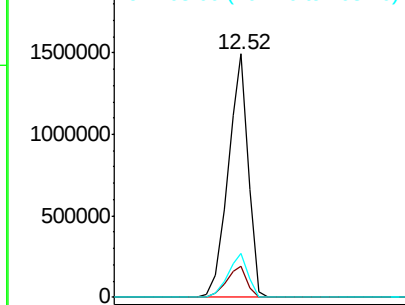
#75
Fluoranthene
Concen: 38.774 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1416016
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.0
203 18.1 0.0 38.0

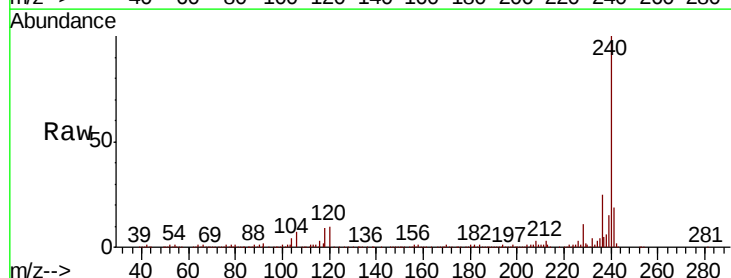


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

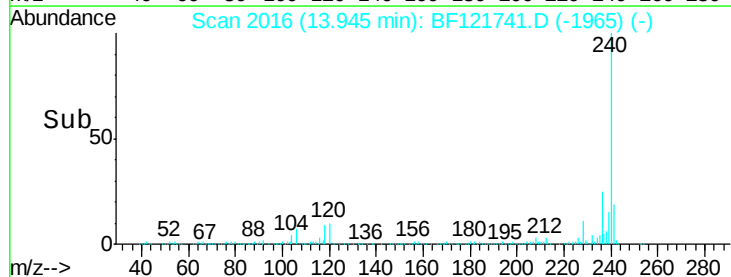
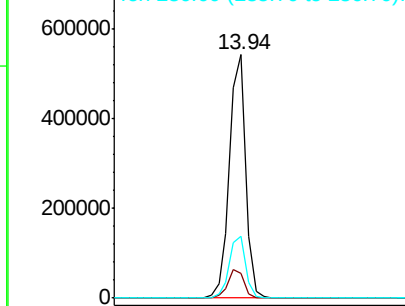


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:240 Resp: 478879
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.3 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
600000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

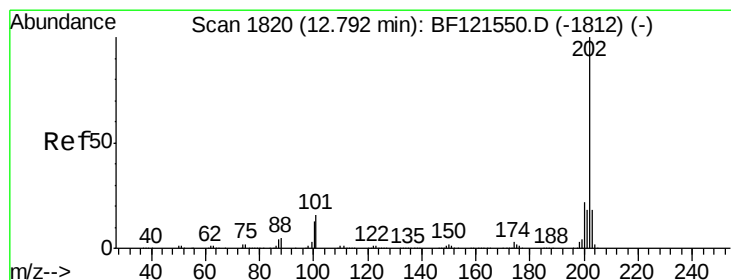
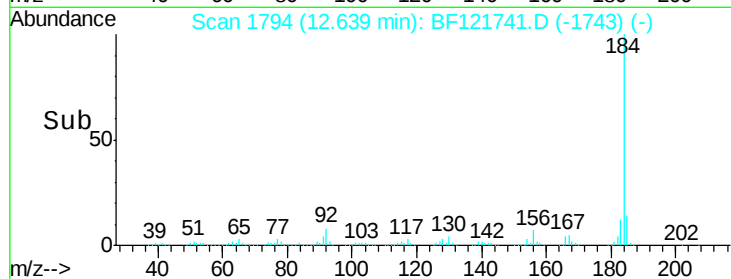
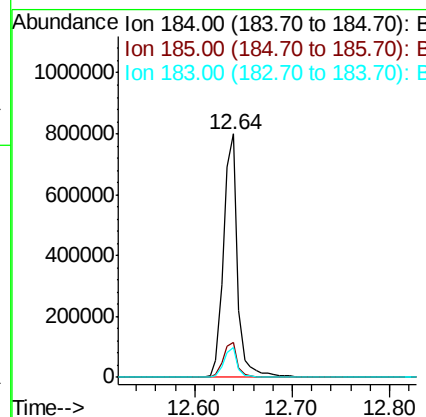
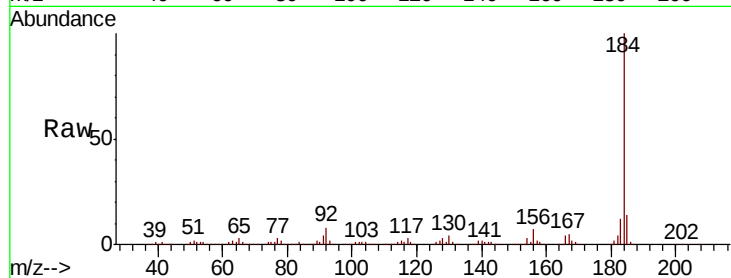




#77
Benzidine
Concen: 50.231 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

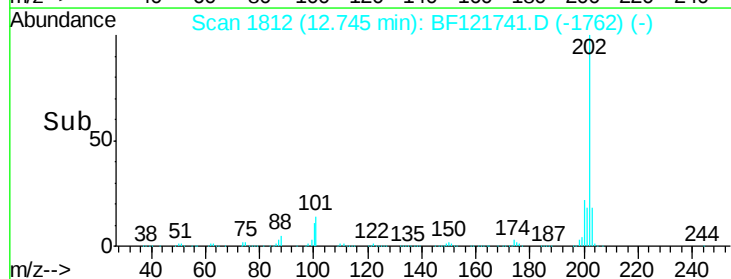
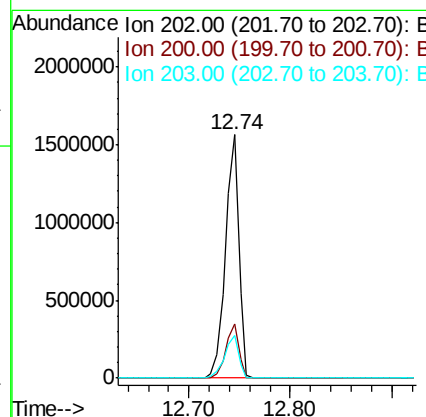
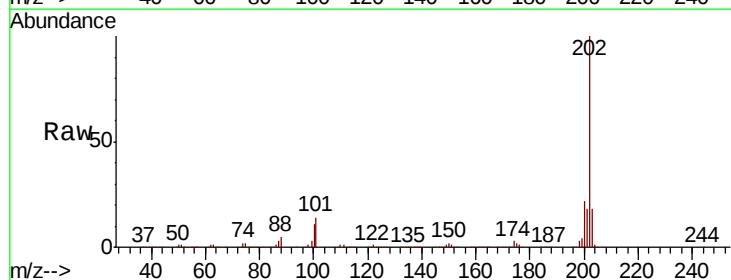
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 797465
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 12.1 9.3 13.9



#78
Pyrene
Concen: 40.775 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:202 Resp: 1426649
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.7 14.5 21.7





#79

Terphenyl-d14

Concen: 86.023 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

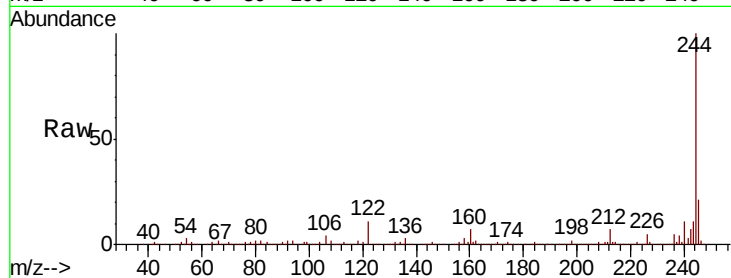
Tot Ion:244 Resp: 2033387

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

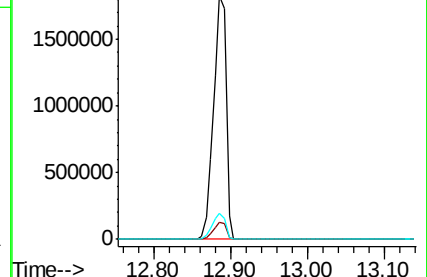
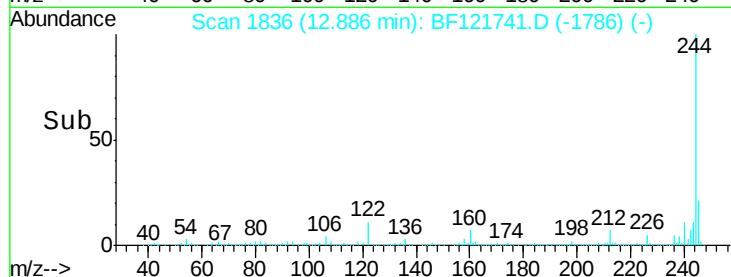
122 10.8 9.0 13.4



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: 46.575 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

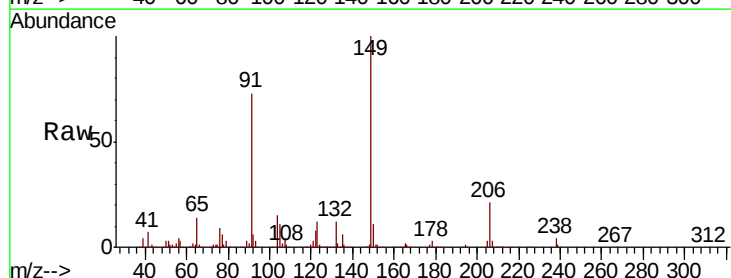
Tgt Ion:149 Resp: 659058

Ion Ratio Lower Upper

149 100

91 72.6 56.0 84.0

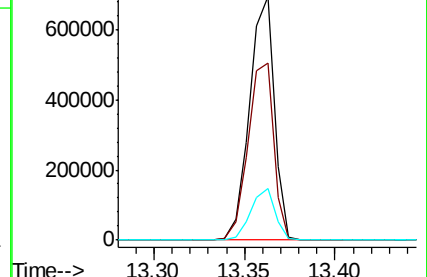
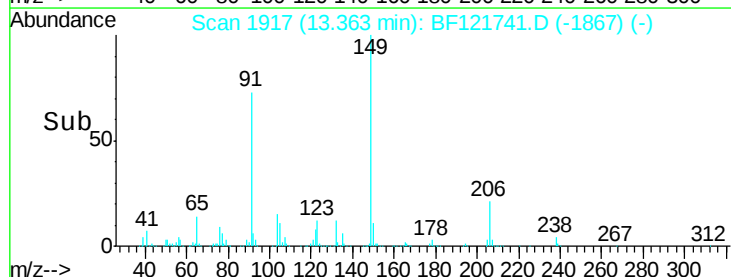
206 21.2 17.4 26.0

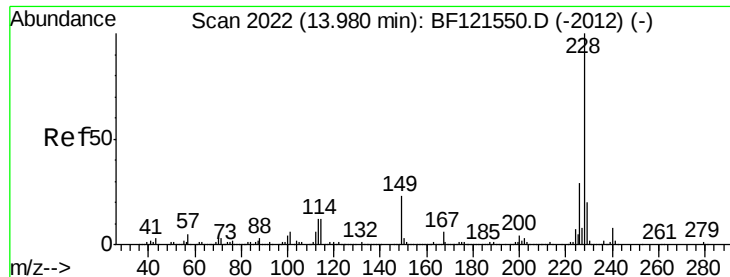


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.269 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

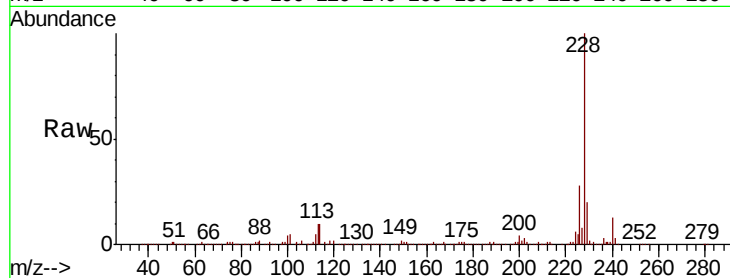
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1219995

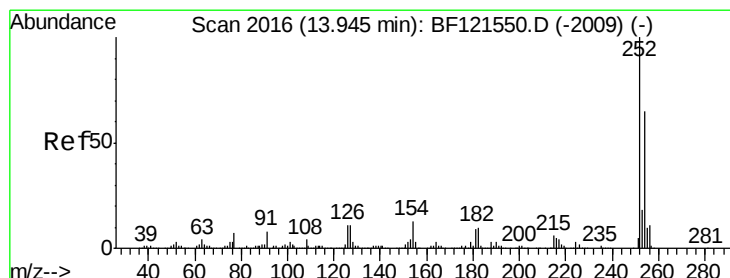
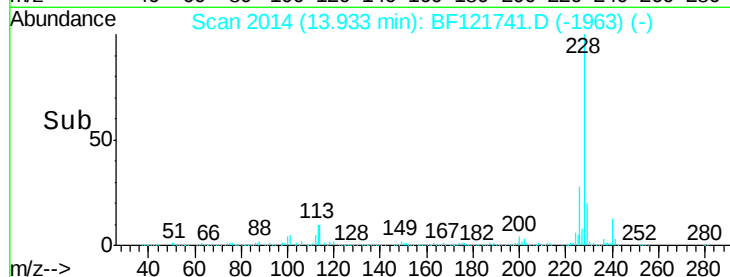
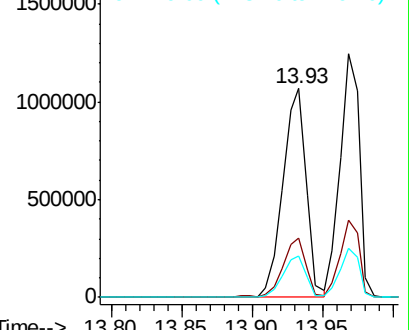
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.1	16.2	24.4



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



#82

3,3'-Dichlorobenzidine

Concen: 40.924 ng

RT: 13.89 min Scan# 2007

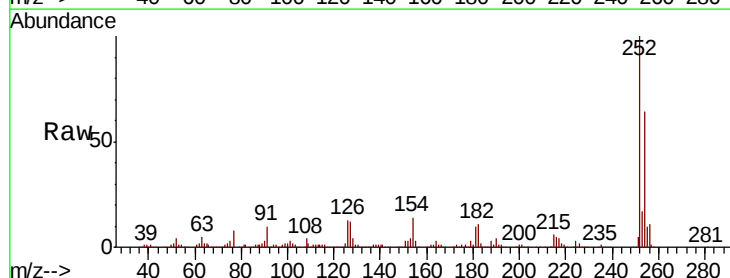
Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Tgt Ion:252 Resp: 484039

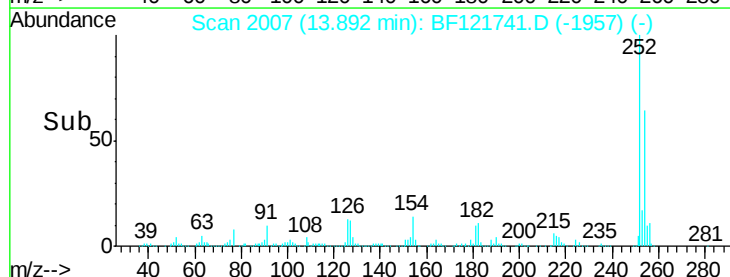
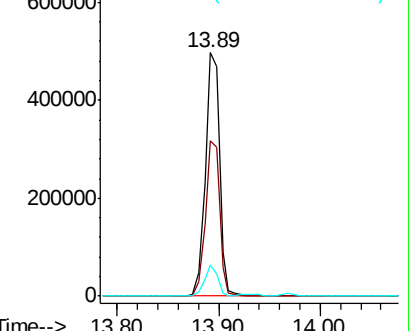
Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.7	76.1
126	12.9	10.2	15.2

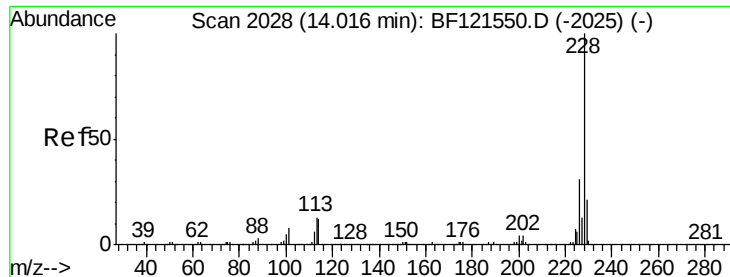


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.998 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

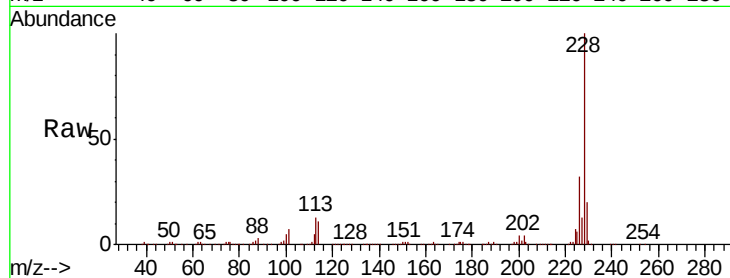
Tot Ion:228 Resp: 1196421

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

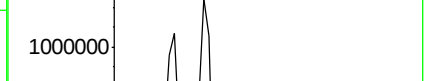
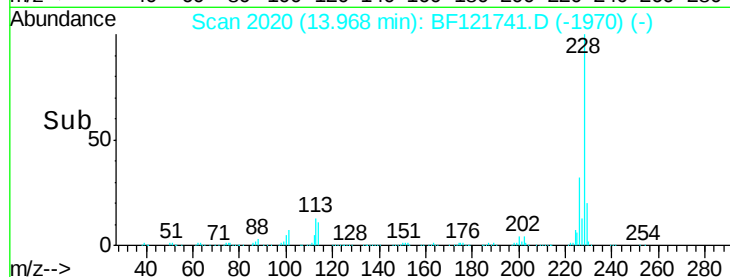
229 20.3 16.4 24.6



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: 46.855 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121741.D

Acq: 30 Sep 2020 16:29

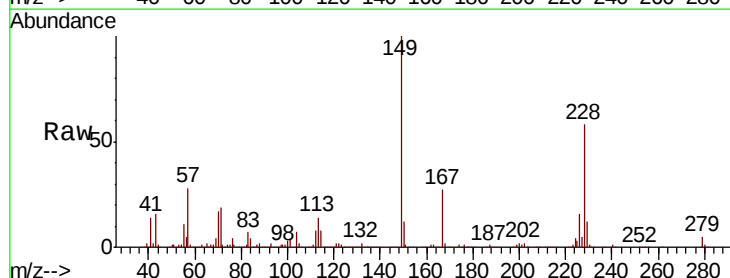
Tgt Ion:149 Resp: 885741

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

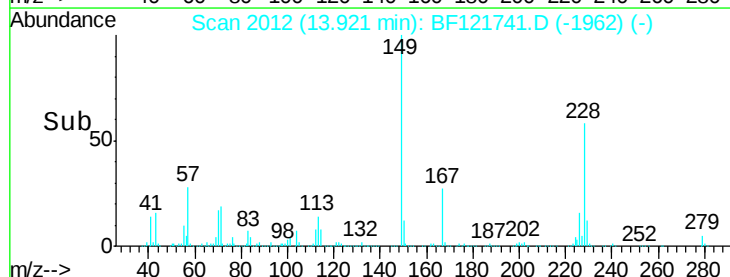
279 5.0 3.9 5.9

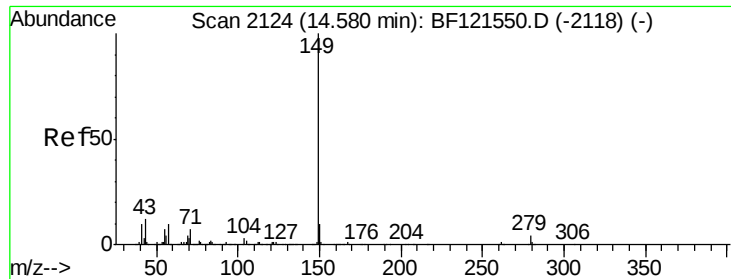


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

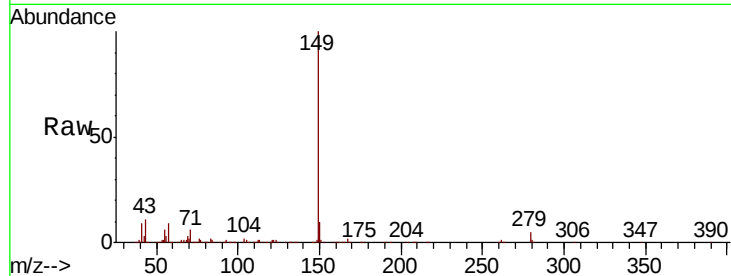




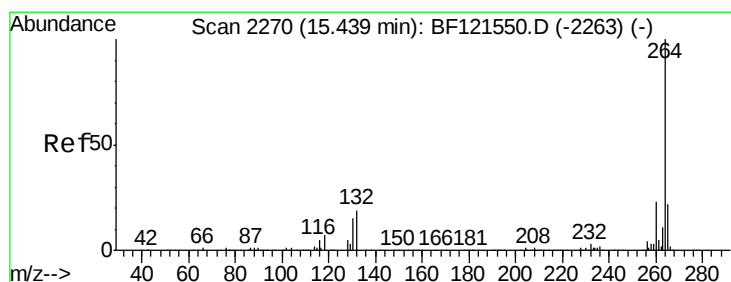
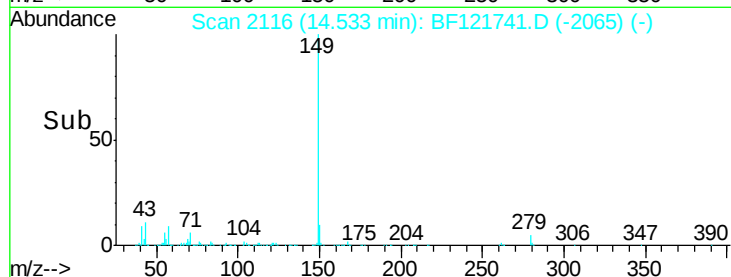
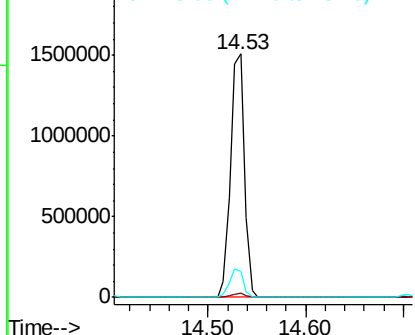
#85
Di-n-octyl phthalate
Concen: 44.881 ng
RT: 14.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1497307
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.6

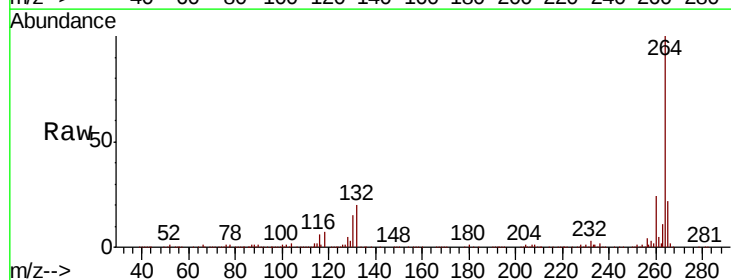


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

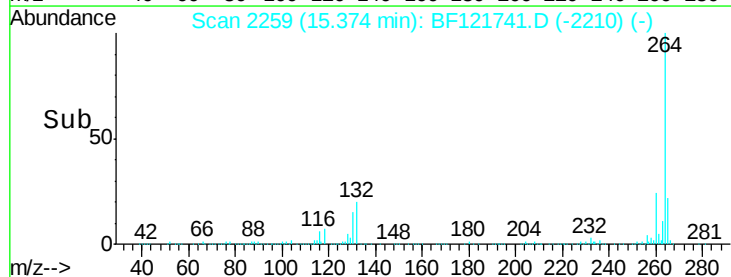
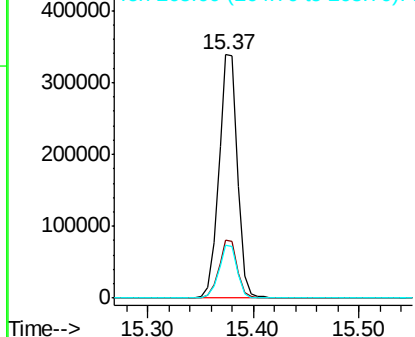


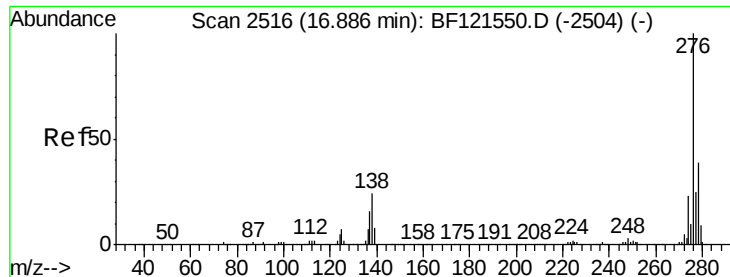
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:264 Resp: 418471
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.5 17.3 25.9



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

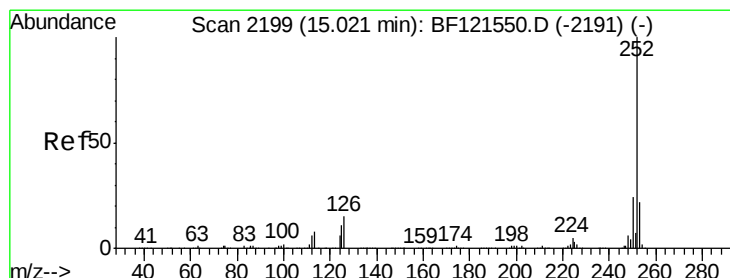
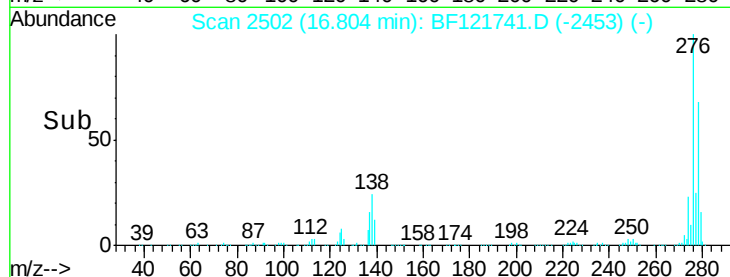
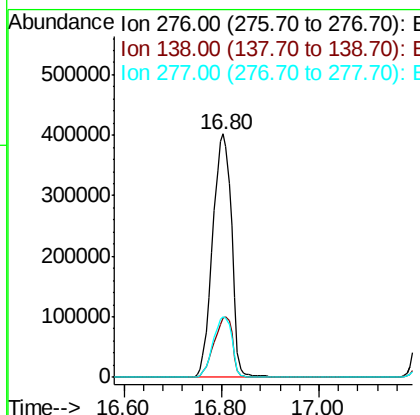
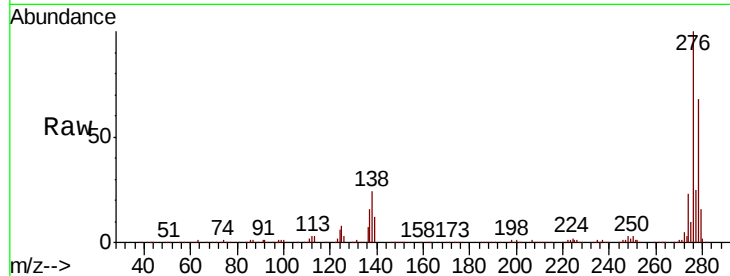




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.754 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

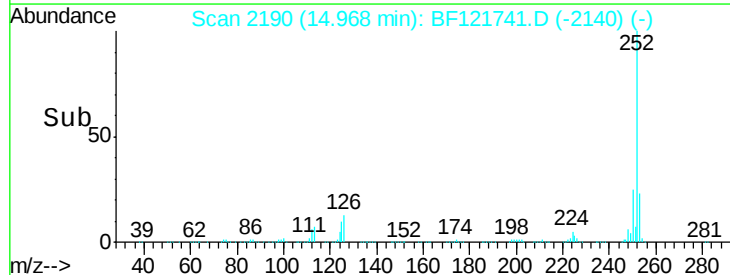
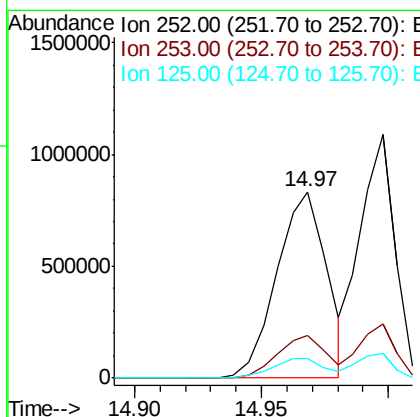
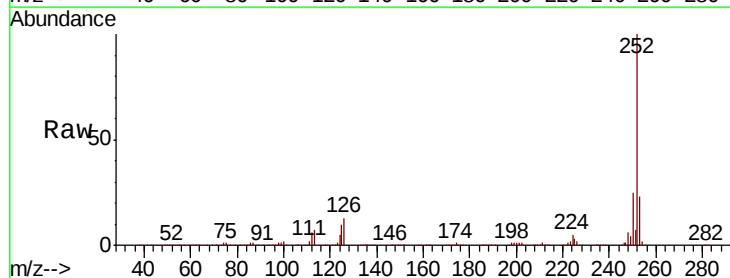
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1083383
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.4 29.0
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 40.749 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF121741.D
 Acq: 30 Sep 2020 16:29

Tgt Ion:252 Resp: 1139953
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.2
 125 10.4 8.0 12.0

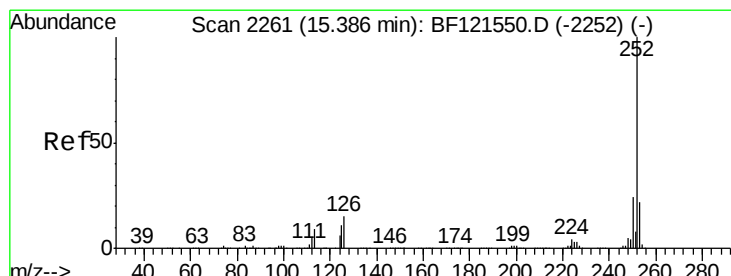
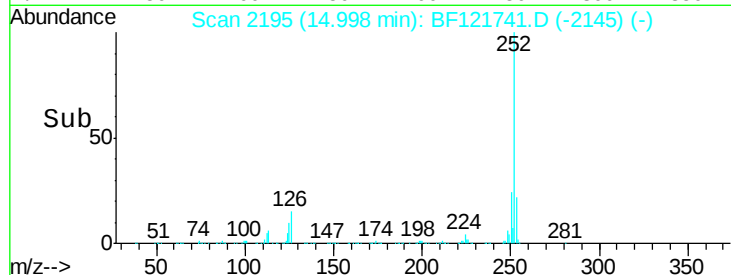
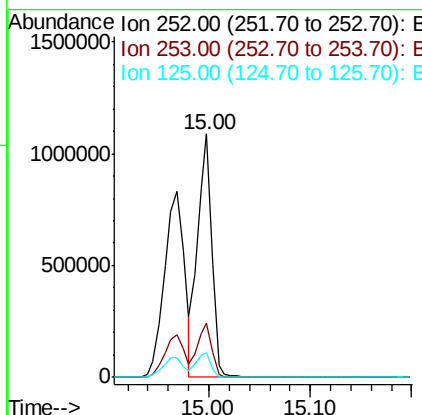
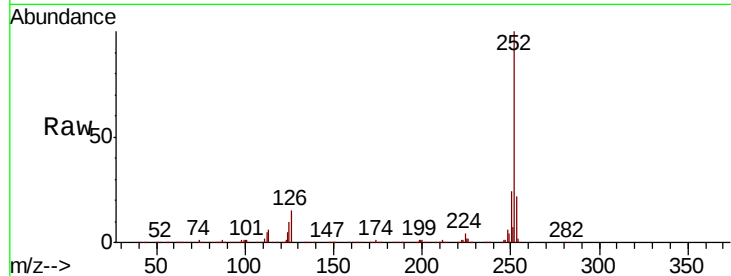




#89
Benzo(k)fluoranthene
Concen: 41.282 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

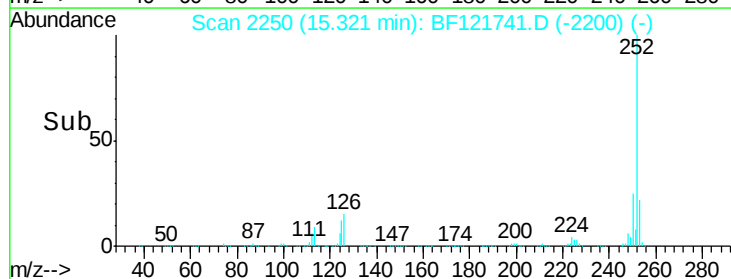
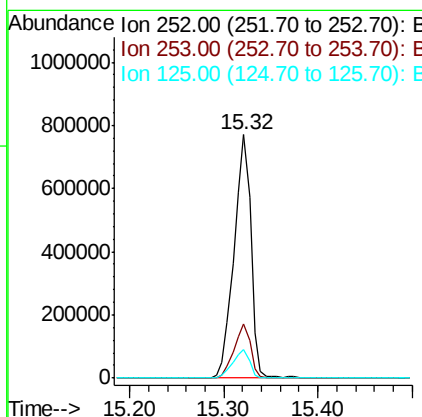
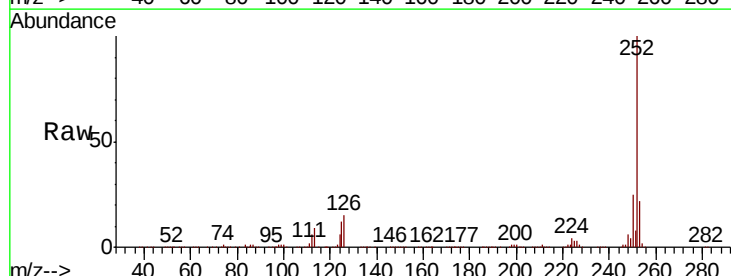
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

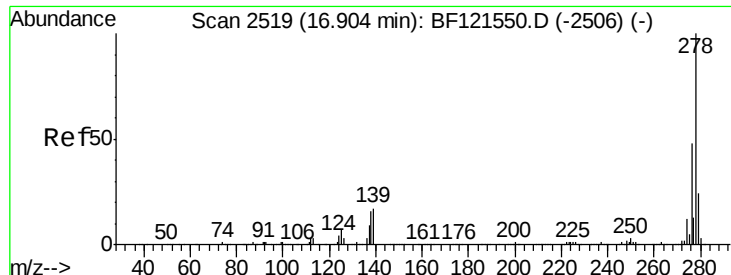
Tot Ion:252 Resp: 1057558
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 40.619 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion:252 Resp: 965925
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.9 9.2 13.8

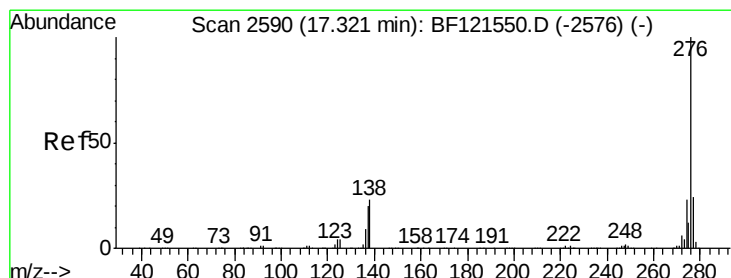
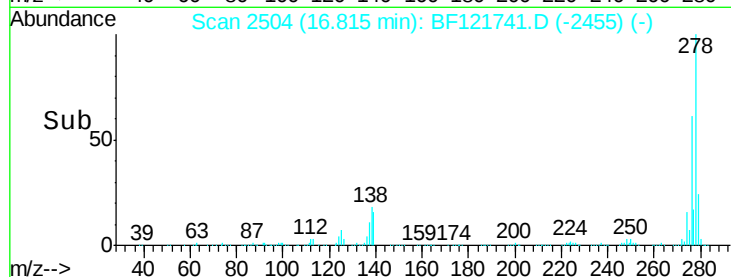
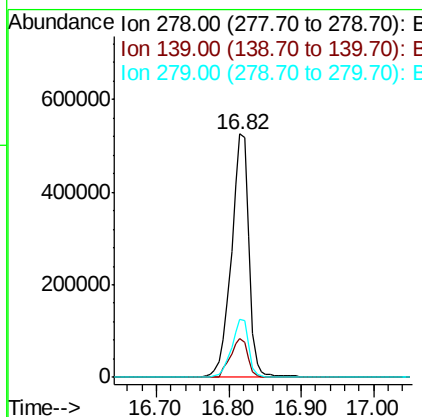
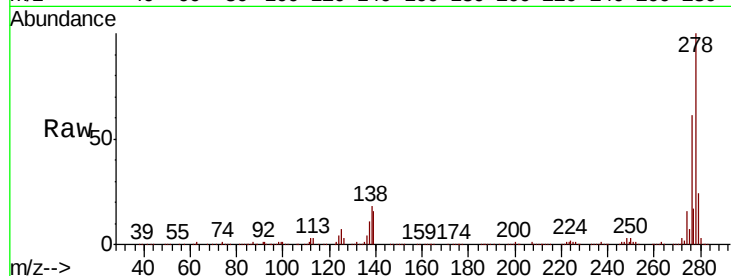




#91
Dibenzo(a,h)anthracene
Concen: 39.177 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.5	18.7
279	23.8	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 39.693 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF121741.D
Acq: 30 Sep 2020 16:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	21.8	16.7	25.1

