

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114080.D
 Acq On : 2 May 2019 12:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 13:52:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	80157	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	322344	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	174677	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	365792	20.00	ng	0.00
76) Chrysene-d12	14.06	240	334697	20.00	ng	-0.01
87) Perylene-d12	15.54	264	285254	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	399761	85.30	ng	0.00
7) Phenol-d6	6.52	99	502129	85.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	469521	89.94	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	203718	95.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	989262	88.58	ng	-0.01
79) Terphenyl-d14	13.00	244	1475733	90.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	102915	46.585	ng	95
3) Pyridine	3.40	79	259848	43.092	ng	97
4) n-Nitrosodimethylamine	3.35	42	81121	39.299	ng	95
6) Aniline	6.55	93	340831	42.213	ng	99
8) 2-Chlorophenol	6.67	128	231336	43.235	ng	99
9) Benzaldehyde	6.44	77	132726	39.732	ng	96
10) Phenol	6.53	94	299775	42.636	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	222409	42.036	ng	96
12) 1,3-Dichlorobenzene	6.83	146	261503	43.153	ng	97
13) 1,4-Dichlorobenzene	6.91	146	264917	43.463	ng	98
14) 1,2-Dichlorobenzene	7.06	146	250110	44.649	ng	99
15) Benzyl Alcohol	7.03	79	204599	51.665	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	249646	40.420	ng	95
17) 2-Methylphenol	7.14	107	186781	39.824	ng	99
18) Hexachloroethane	7.40	117	92155	43.131	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	161193	42.333	ng	97
20) 3+4-Methylphenols	7.29	107	230727	43.541	ng	# 77
22) Acetophenone	7.30	105	308644	43.027	ng	96
24) Nitrobenzene	7.47	77	253610	43.964	ng	98
25) Isophorone	7.71	82	451534	42.269	ng	99
26) 2-Nitrophenol	7.79	139	126894	48.218	ng	98
27) 2,4-Dimethylphenol	7.82	122	177749	41.456	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	290292	42.646	ng	100
29) 2,4-Dichlorophenol	8.03	162	212659	43.372	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	236776	43.310	ng	98
31) Naphthalene	8.19	128	675820	44.133	ng	100
32) Benzoic acid	7.95	122	100649	34.760	ng	92
33) 4-Chloroaniline	8.24	127	279316	43.108	ng	97
34) Hexachlorobutadiene	8.32	225	149934	43.994	ng	98
35) Caprolactam	8.60	113	67546	43.306	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	212472	43.740	ng	99
37) 2-Methylnaphthalene	8.89	142	461639	44.705	ng	99
38) 1-Methylnaphthalene	8.99	142	443719	44.521	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	245793	43.319	ng	99

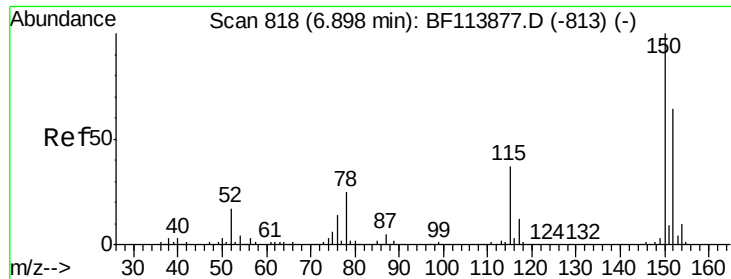
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	132712	41.943	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	153405	42.577	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	166094	41.099	nq	96
46) 1,1'-Biphenyl	9.35	154	591876	44.355	nq	97
47) 2-Chloronaphthalene	9.37	162	468436	43.167	nq	98
48) 2-Nitroaniline	9.46	65	132356	46.527	nq	97
49) Acenaphthylene	9.79	152	760470	44.764	nq	98
50) Dimethylphthalate	9.65	163	567947	44.958	nq	99
51) 2,6-Dinitrotoluene	9.70	165	127485	47.038	nq #	88
52) Acenaphthene	9.96	154	432239	43.052	nq	97
53) 3-Nitroaniline	9.87	138	130398	45.786	nq	99
54) 2,4-Dinitrophenol	9.99	184	47294	44.458	nq #	1
55) Dibenzofuran	10.13	168	676515	44.984	nq	98
56) 4-Nitrophenol	10.04	139	96335	42.721	nq	98
57) 2,4-Dinitrotoluene	10.11	165	171942	50.262	nq	95
58) Fluorene	10.47	166	530065	46.815	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	144782	40.767	nq	99
60) Diethylphthalate	10.34	149	551877	46.003	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	276679	46.141	nq	96
62) 4-Nitroaniline	10.49	138	137369	49.427	nq	98
63) Azobenzene	10.63	77	524418	45.104	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	78008	46.752	nq	90
66) n-Nitrosodiphenylamine	10.58	169	469752	42.799	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	187447	42.419	nq	95
68) Hexachlorobenzene	11.03	284	203483	41.904	nq #	94
69) Atrazine	11.10	200	142732	39.976	nq	100
70) Pentachlorophenol	11.22	266	96742	35.187	nq	98
71) Phenanthrene	11.44	178	816752	44.429	nq	99
72) Anthracene	11.49	178	829502	44.684	nq	98
73) Carbazole	11.64	167	763877	46.123	nq	99
74) Di-n-butylphthalate	11.97	149	953419	48.938	nq	99
75) Fluoranthene	12.63	202	907141	45.229	nq	98
77) Benzidine	12.74	184	379842	38.089	nq	99
78) Pyrene	12.86	202	923136	39.440	nq	98
80) Butylbenzylphthalate	13.46	149	408592	44.369	nq	98
81) Benzo(a)anthracene	14.04	228	859572	43.589	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	321250	44.446	nq #	98
83) Chrysene	14.09	228	829681	43.201	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	584839	49.915	nq	99
85) Di-n-octyl phthalate	14.65	149	953448	51.989	nq	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	636093	34.966	nq	98
88) Benzo(b)fluoranthene	15.12	252	753833	41.769	nq	99
89) Benzo(k)fluoranthene	15.14	252	731528	47.121	nq	99
90) Benzo(a)pyrene	15.49	252	673847	43.166	nq	100
91) Dibenzo(a,h)anthracene	17.06	278	536770	36.630	nq	99
92) Benzo(g,h,i)perylene	17.50	276	492536	33.306	nq	99

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

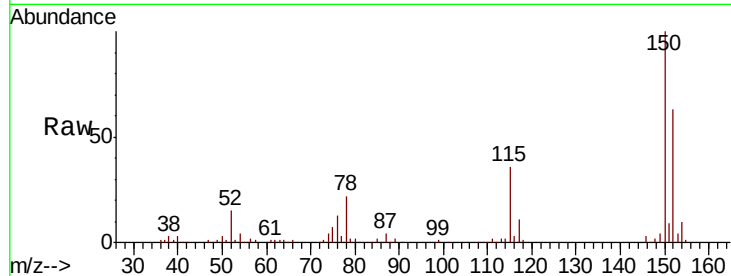


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	56.1	45.9	68.9

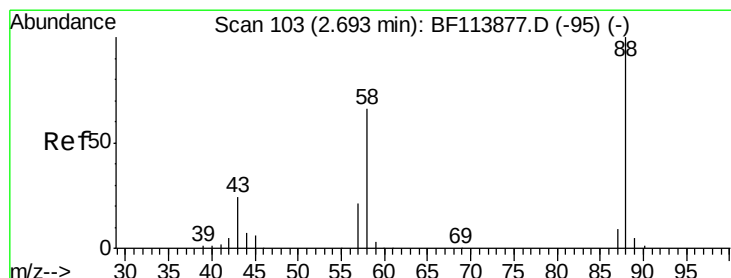
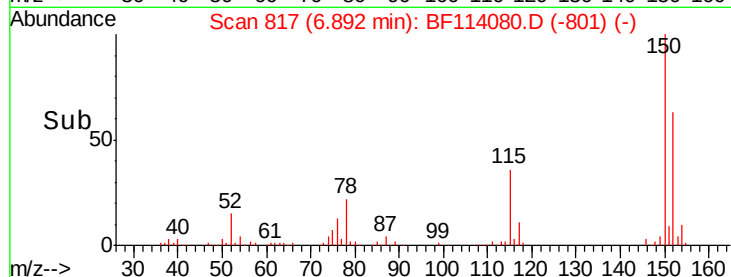
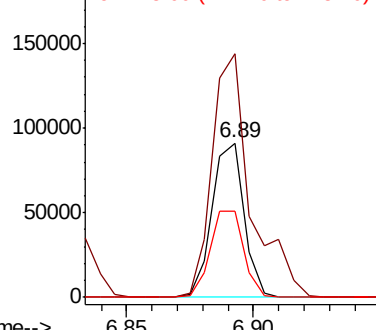


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

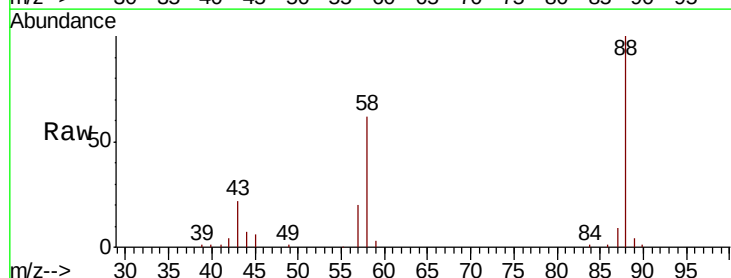
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.585 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.06 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	53.3	79.9
43	22.4	19.0	28.4

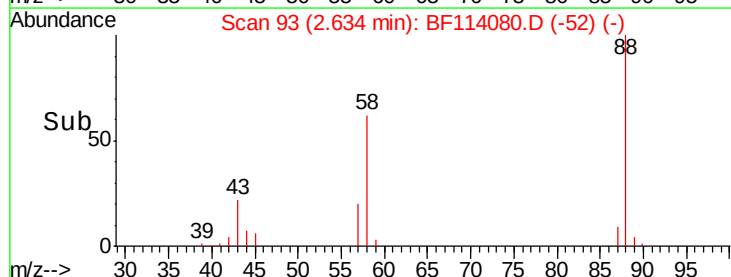
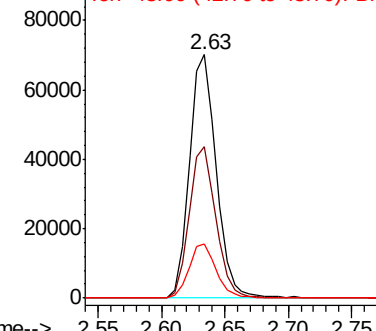


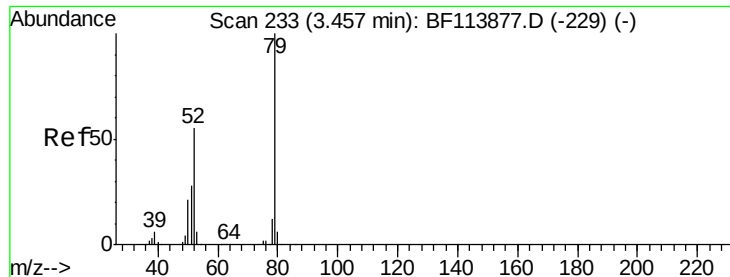
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrindine

Concen: 43.092 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.05 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

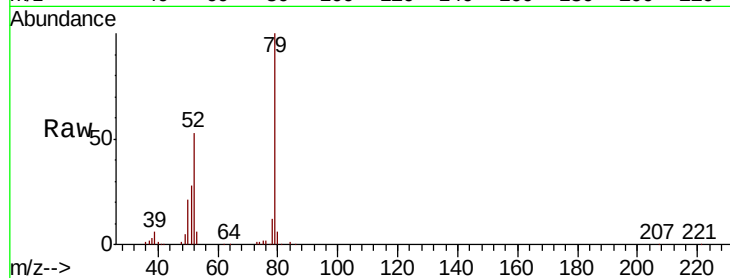
Tot Ion: 79 Resp: 259848

Ion Ratio Lower Upper

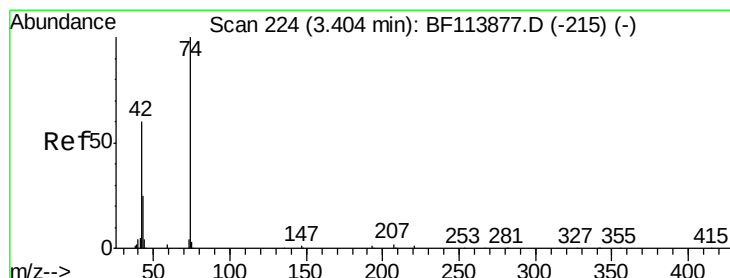
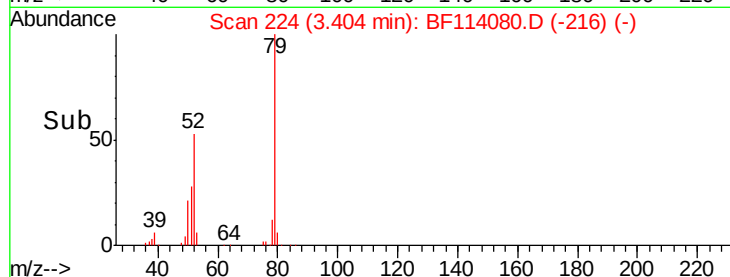
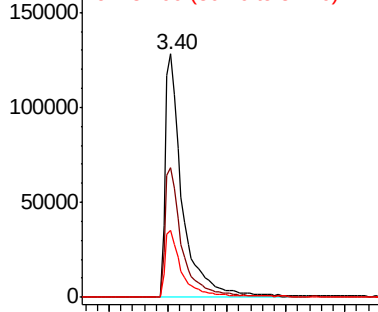
79 100

52 53.1 45.3 67.9

51 27.6 22.1 33.1



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



#4

n-Nitrosodimethylamine

Concen: 39.299 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.06 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

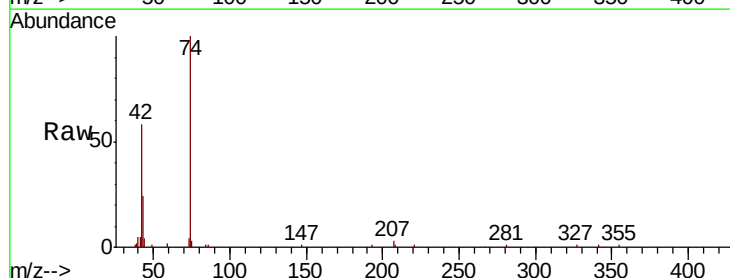
Tgt Ion: 42 Resp: 81121

Ion Ratio Lower Upper

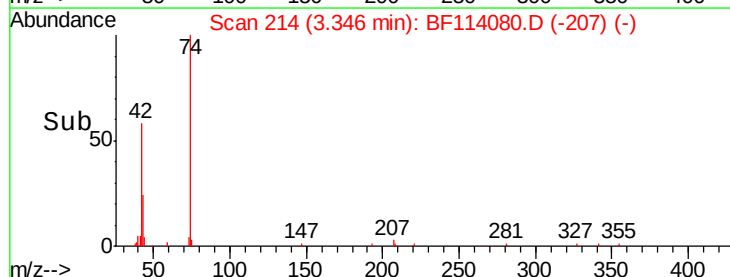
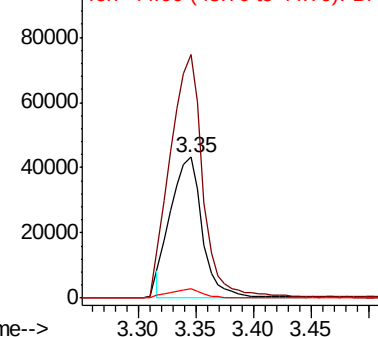
42 100

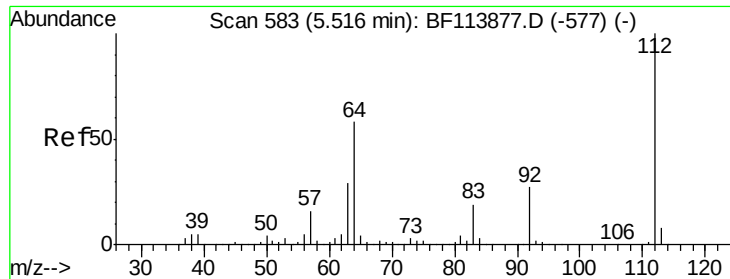
74 173.2 132.6 198.8

44 6.5 5.8 8.8



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





#5

2-Fluorophenol

Concen: 85.299 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

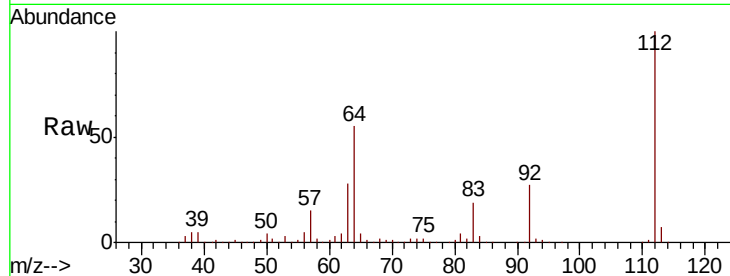
Tot Ion: 112 Resp: 399761

Ion Ratio Lower Upper

112 100

64 55.0 46.6 69.8

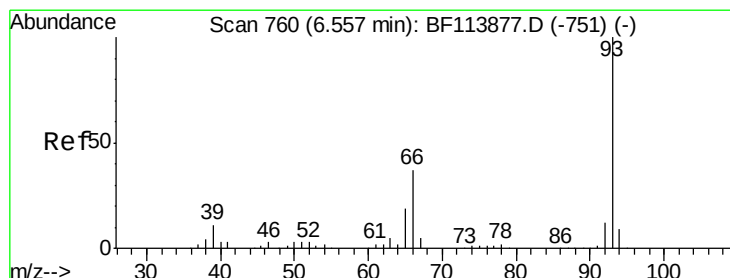
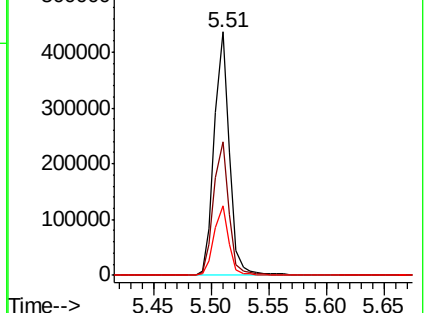
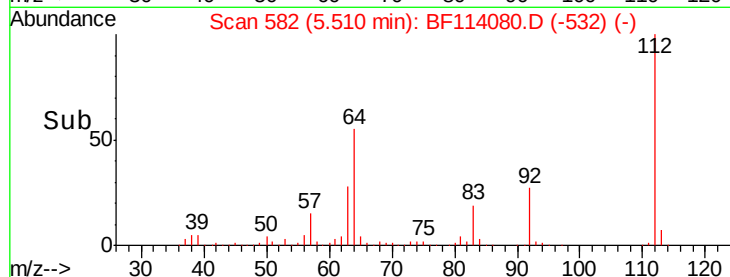
63 28.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.213 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

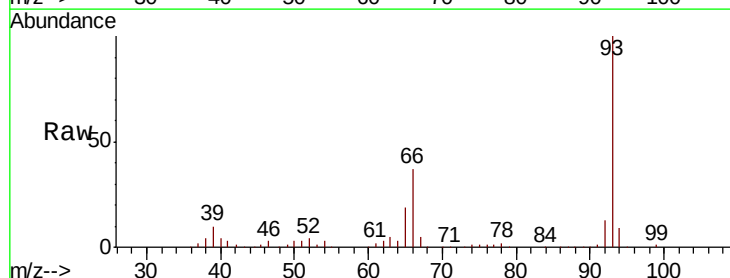
Tgt Ion: 93 Resp: 340831

Ion Ratio Lower Upper

93 100

66 36.6 29.8 44.6

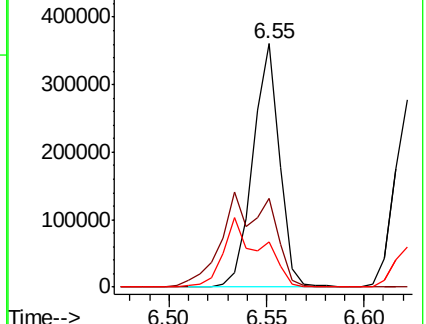
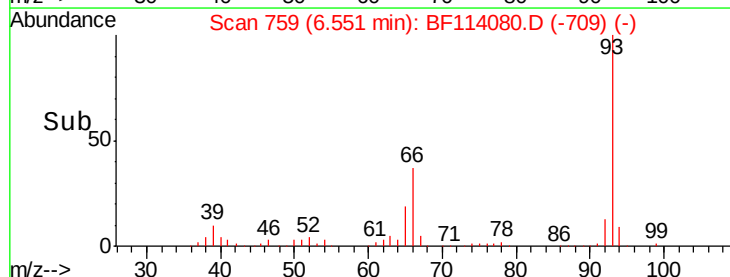
65 18.5 14.9 22.3

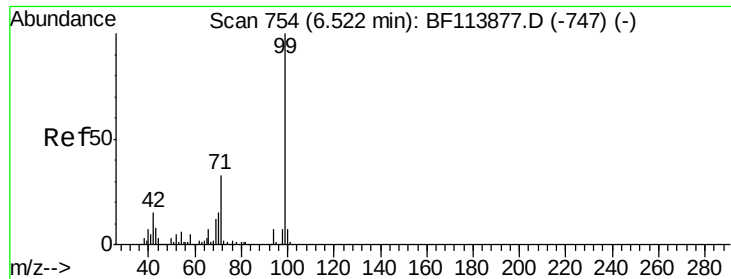


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.398 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

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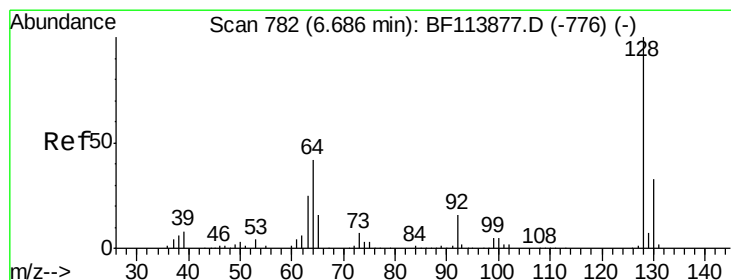
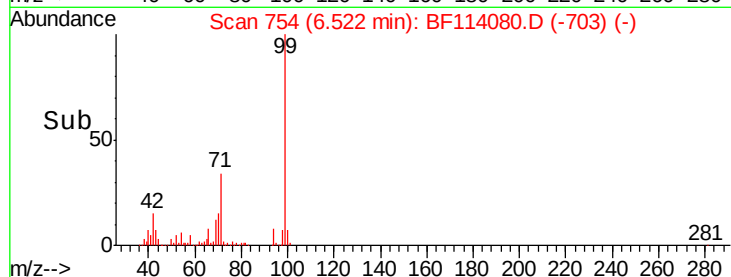
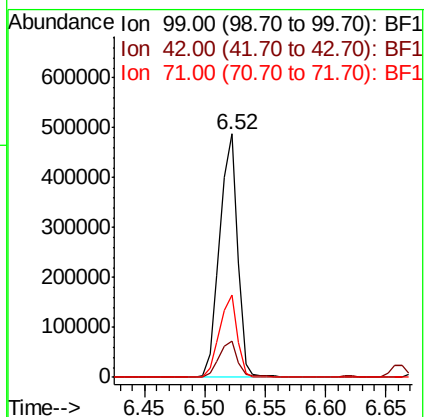
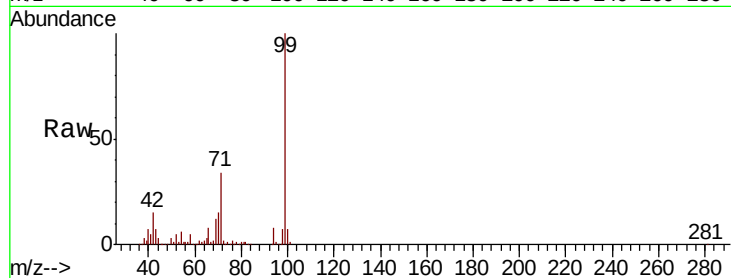
Tot Ion: 99 Resp: 502129

Ion Ratio Lower Upper

99 100

42 14.8 12.5 18.7

71 33.7 26.9 40.3



#8

2-Chlorophenol

Concen: 43.235 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

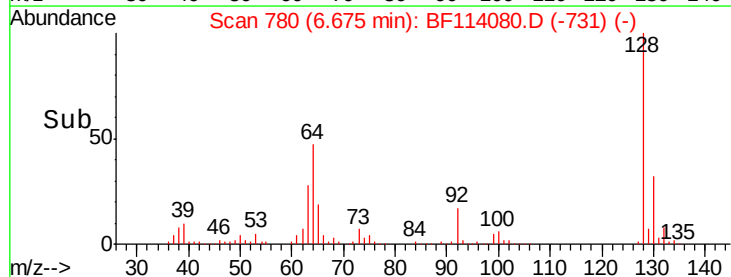
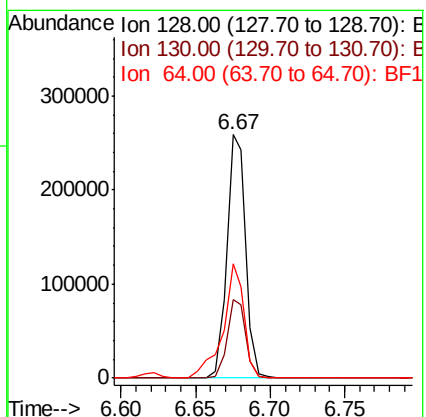
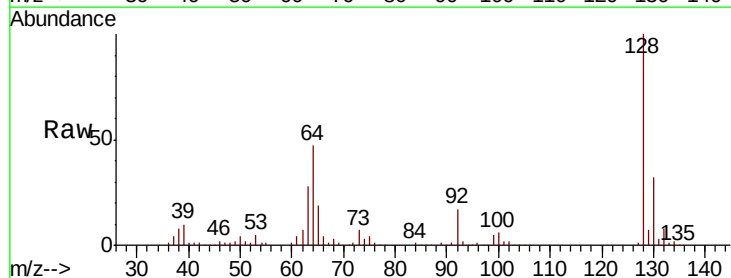
Tgt Ion: 128 Resp: 231336

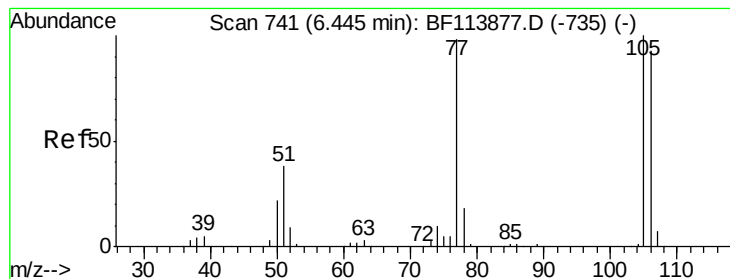
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 46.8 26.1 66.1





#9

Benzaldehyde

Concen: 39.732 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

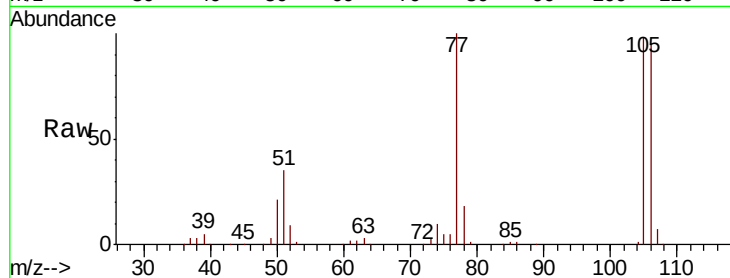
Tot Ion: 77 Resp: 132726

Ion Ratio Lower Upper

77 100

105 98.2 74.1 114.1

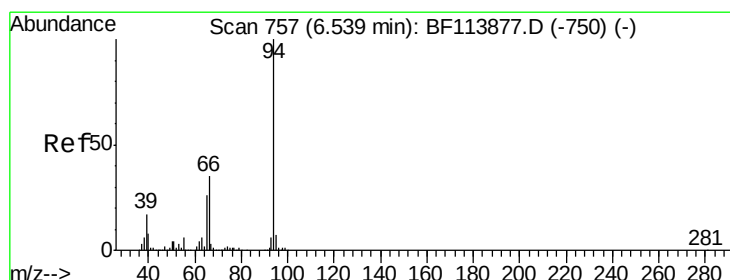
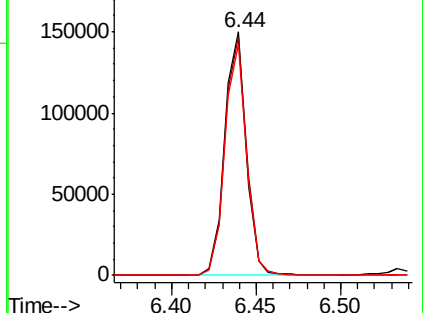
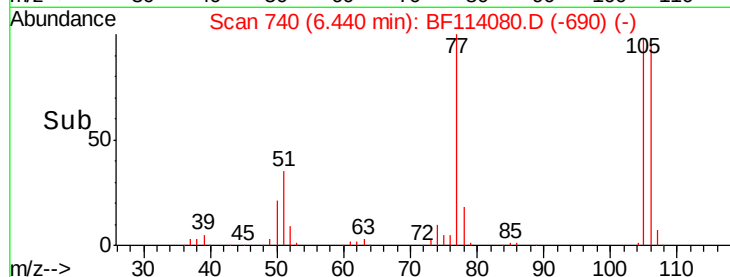
106 94.6 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.636 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

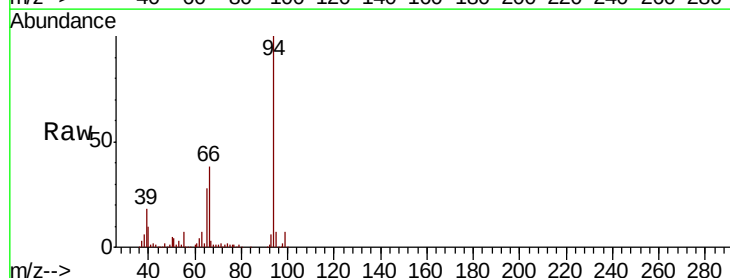
Tgt Ion: 94 Resp: 299775

Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

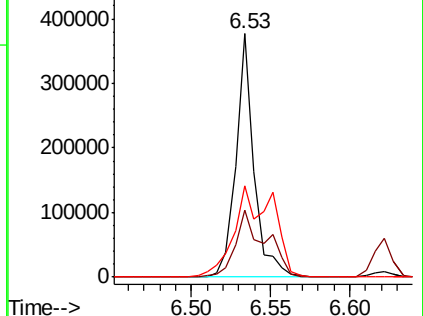
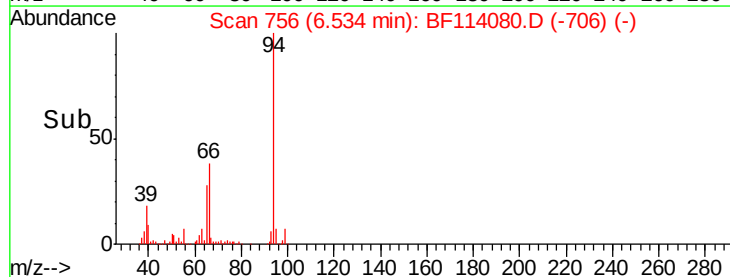
66 37.6 16.6 56.6

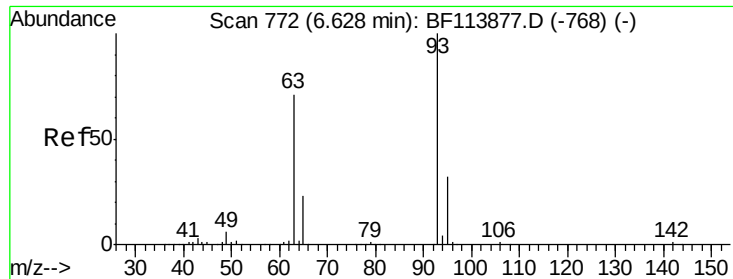


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

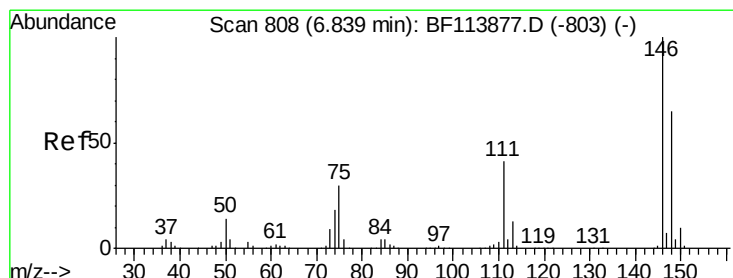
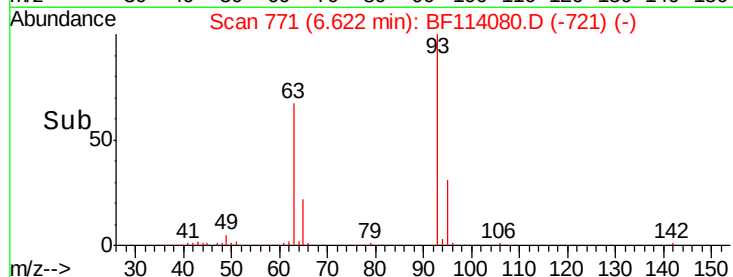
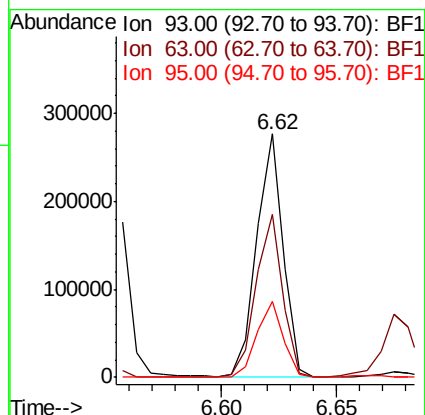
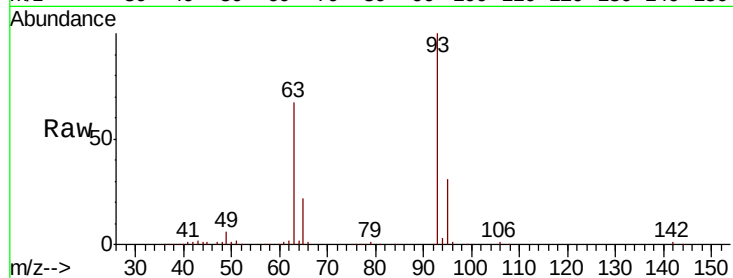




#11
 bis(2-Chloroethyl)ether
 Concen: 42.036 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

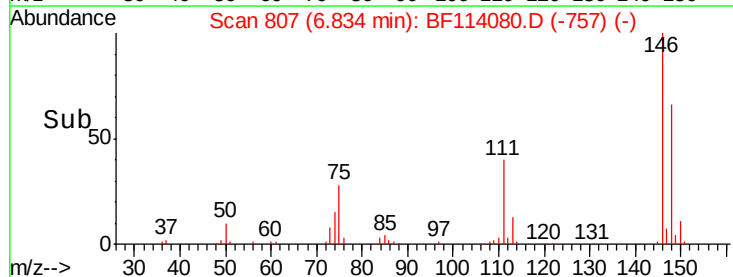
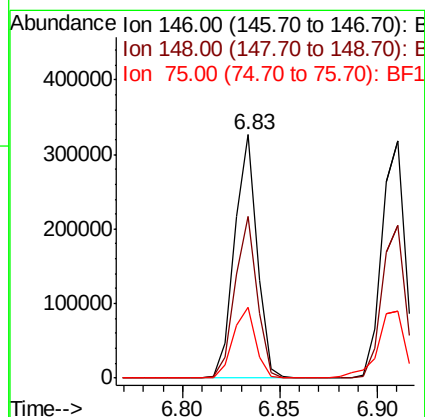
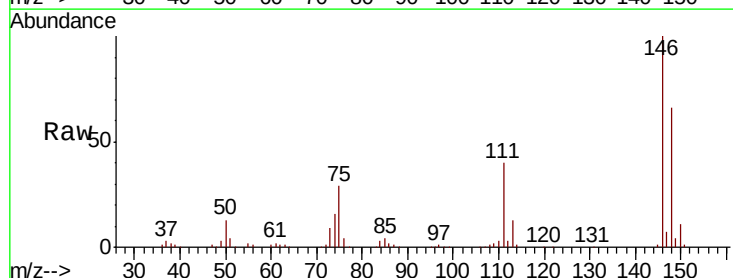
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

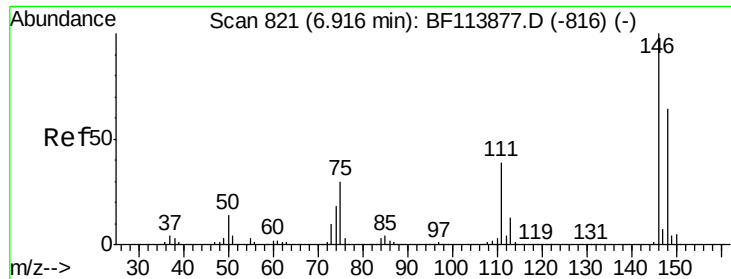
Tot Ion: 93 Resp: 222409
 Ion Ratio Lower Upper
 93 100
 63 66.8 50.7 90.7
 95 31.3 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 43.153 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion: 146 Resp: 261503
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 75 28.9 23.8 35.8

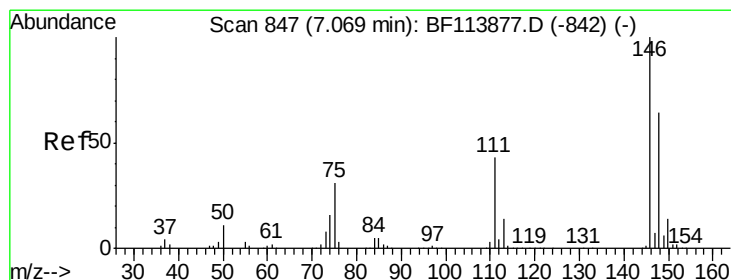
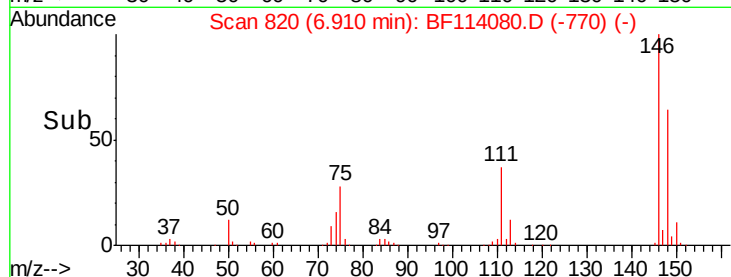
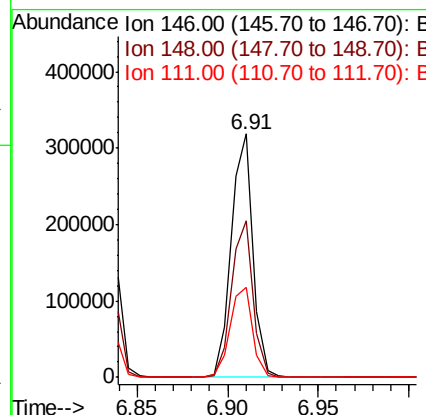
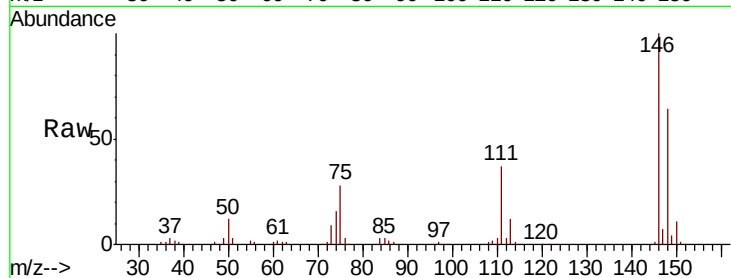




#13
 1,4-Dichlorobenzene
 Concen: 43.463 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

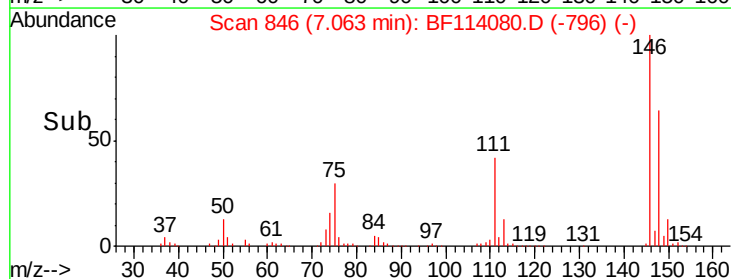
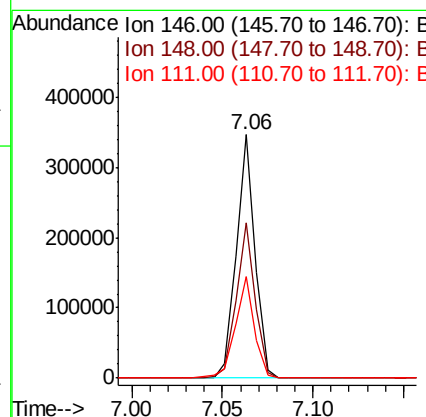
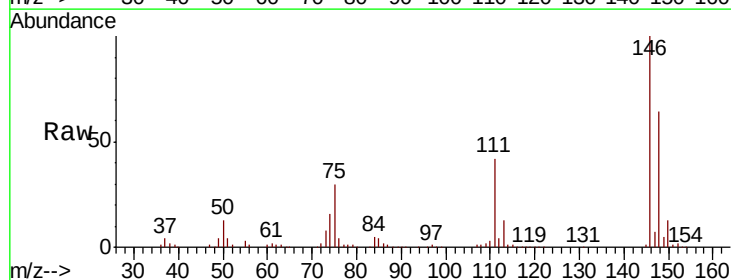
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

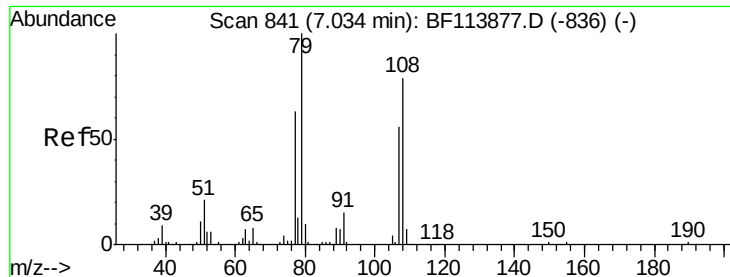
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	36.8	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 44.649 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
111	41.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 51.665 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

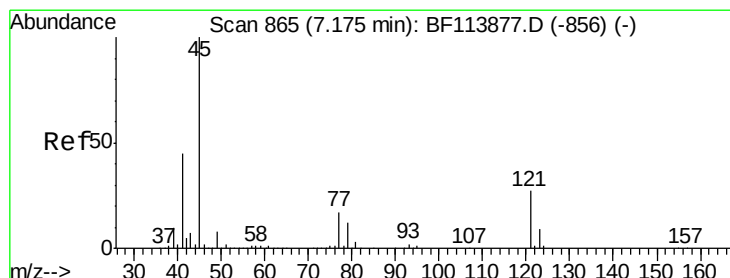
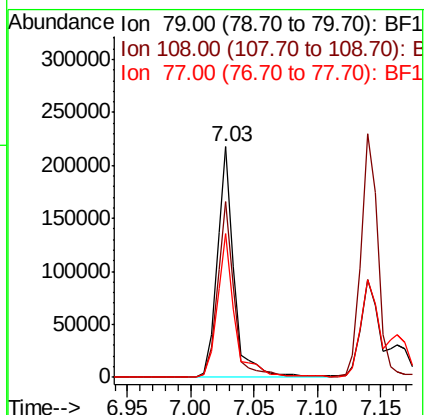
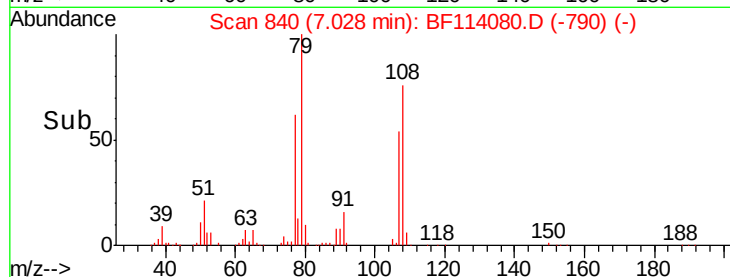
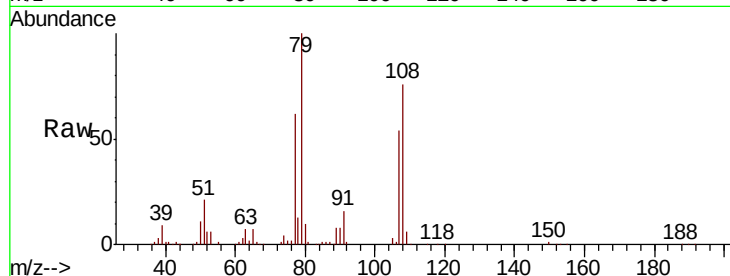
Tot Ion: 79 Resp: 204599

Ion Ratio Lower Upper

79 100

108 76.4 61.4 92.0

77 62.1 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.420 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

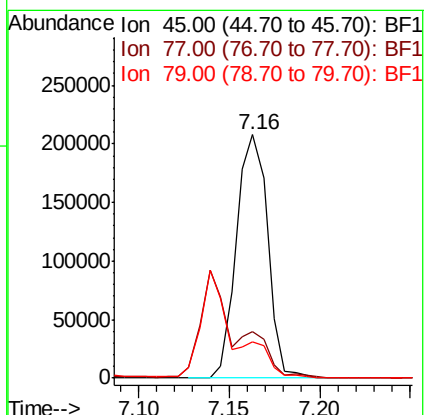
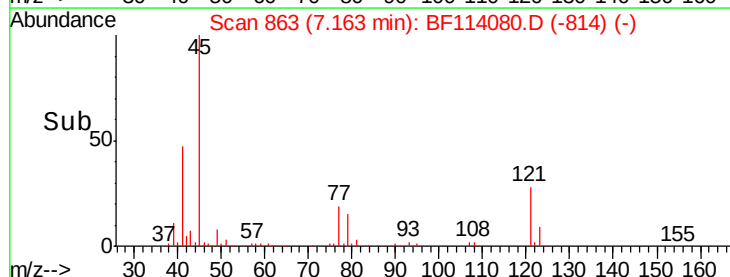
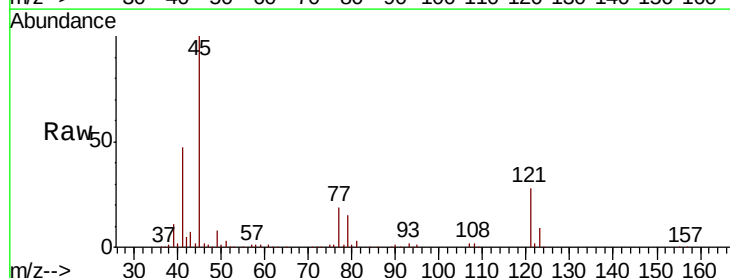
Tgt Ion: 45 Resp: 249646

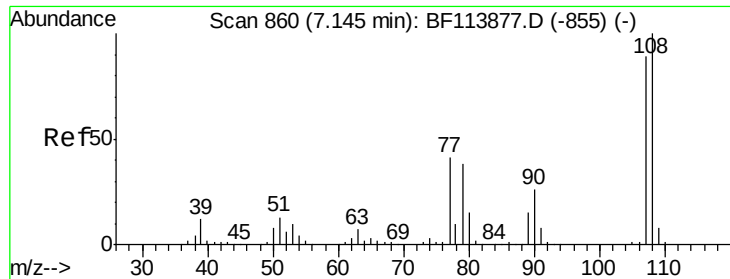
Ion Ratio Lower Upper

45 100

77 19.3 0.0 37.0

79 14.9 0.0 32.7

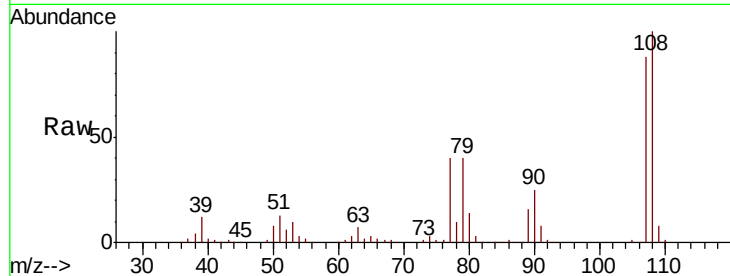




#17
2-Methylphenol
Concen: 39.824 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.5	137.3
77	45.4	36.2	54.4
79	45.6	35.4	53.0



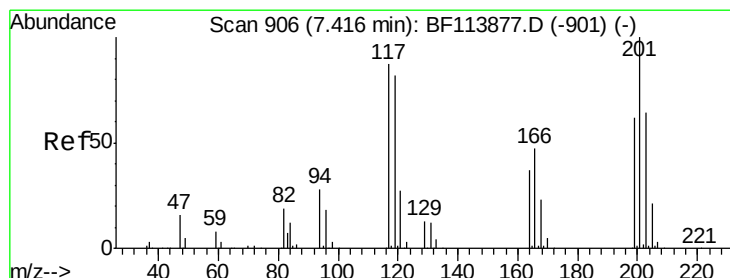
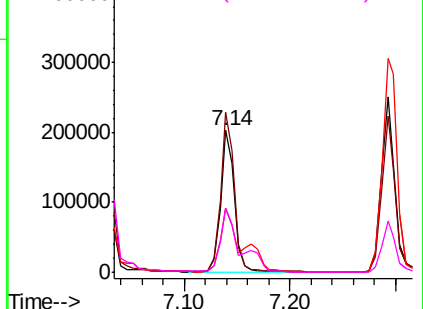
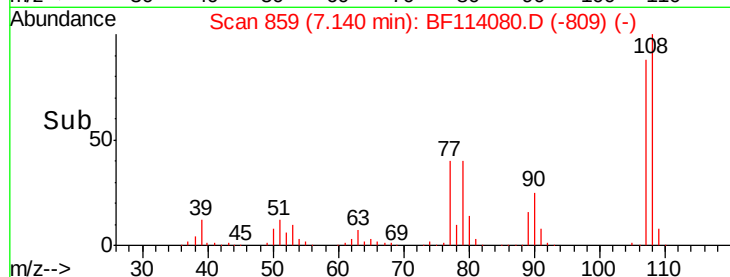
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

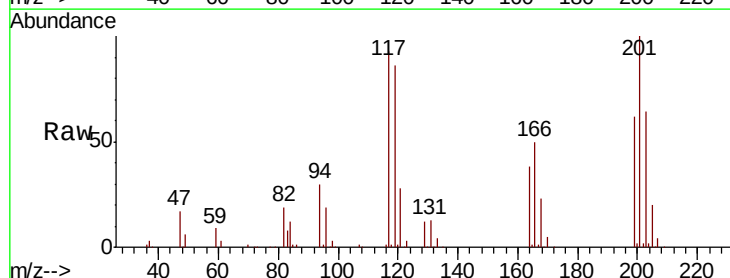
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.131 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.4	111.6
201	107.1	90.2	135.2

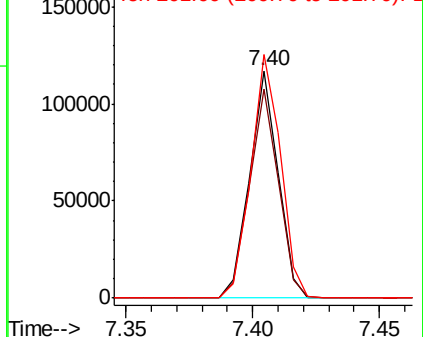
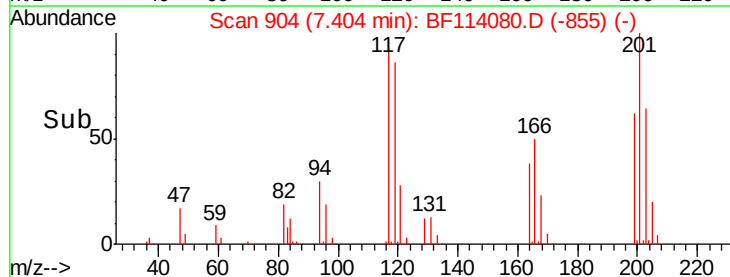


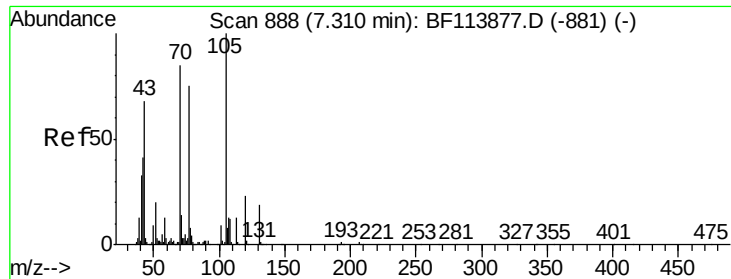
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

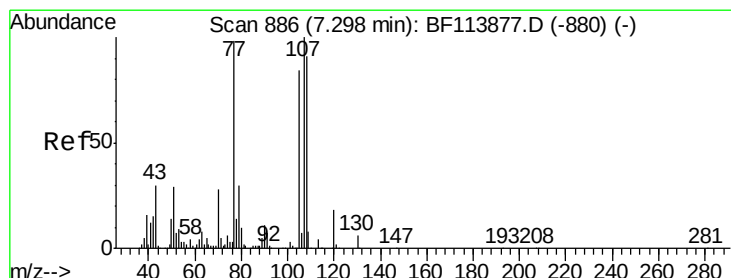
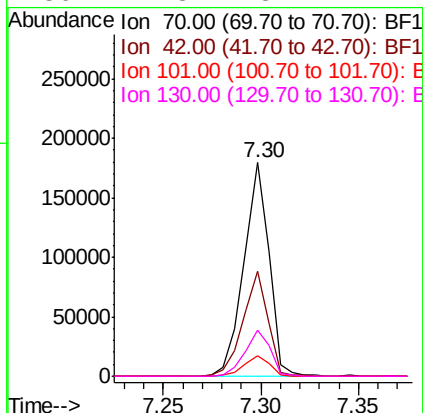
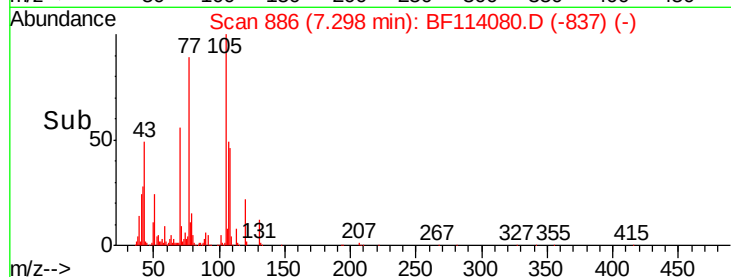
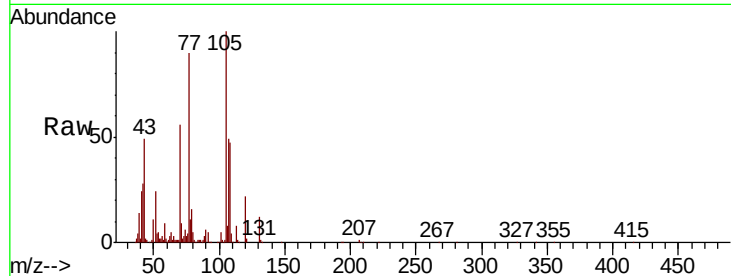




#19
n-Nitroso-di-n-propylamine
Concen: 42.333 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

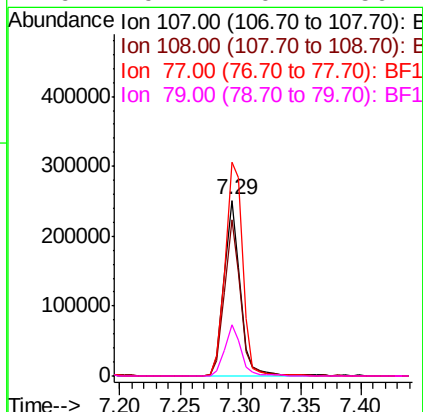
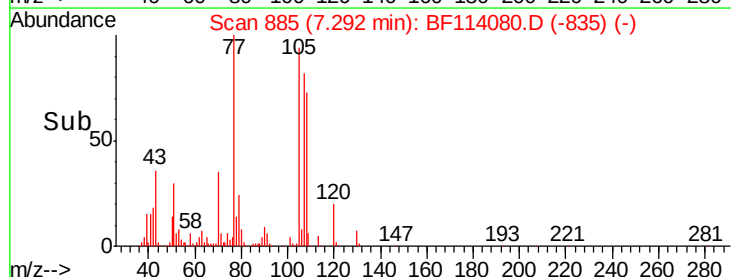
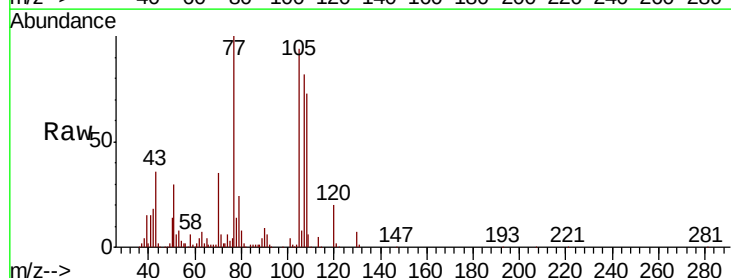
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

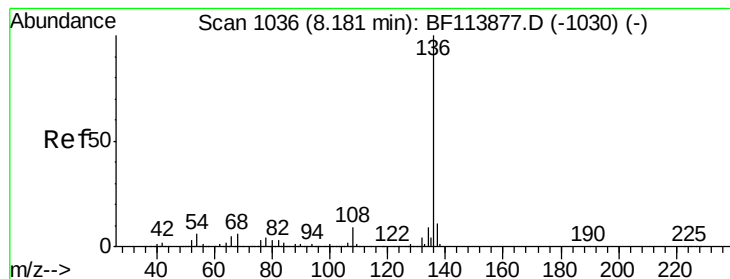
Tot Ion:	70	Resp:	161193
Ion	Ratio	Lower	Upper
70	100		
42	49.1	37.3	55.9
101	9.7	7.8	11.8
130	21.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 43.541 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:	107	Resp:	230727
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.1	110.1
77	121.7	52.9	92.9#
79	29.4	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 322344

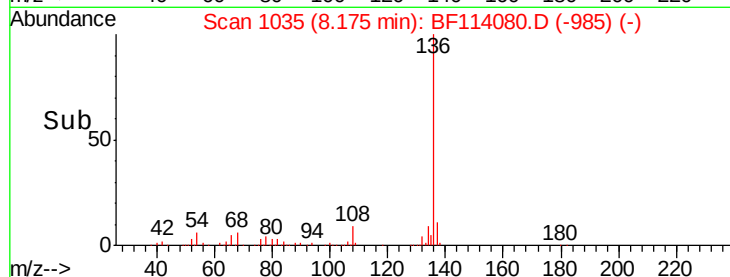
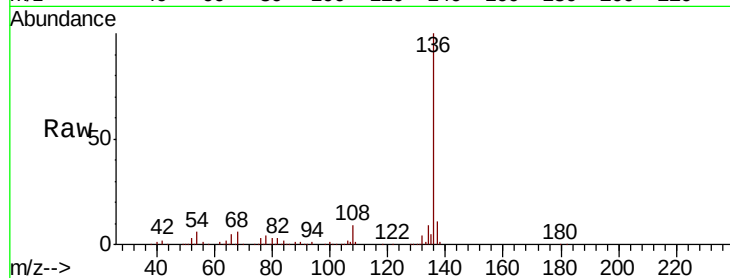
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.6 5.0 7.6

68 5.6 4.9 7.3



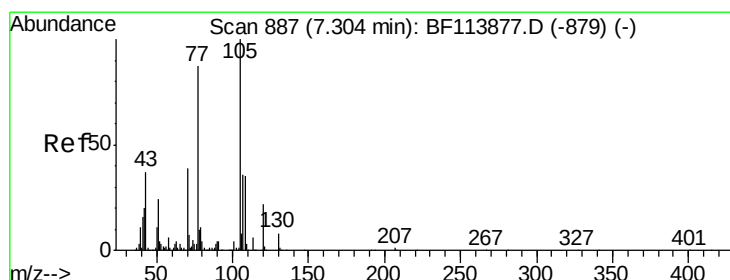
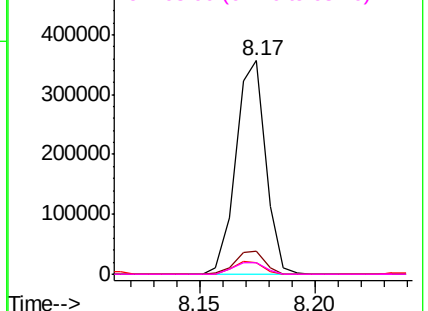
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.027 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Tgt Ion:105 Resp: 308644

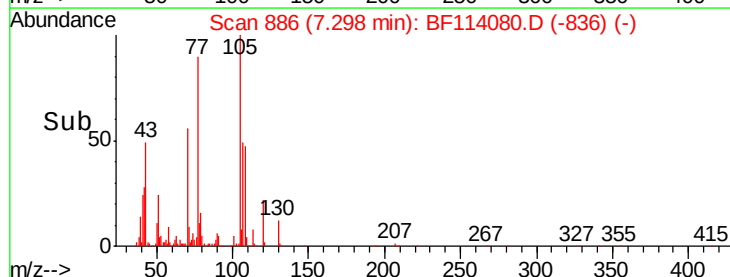
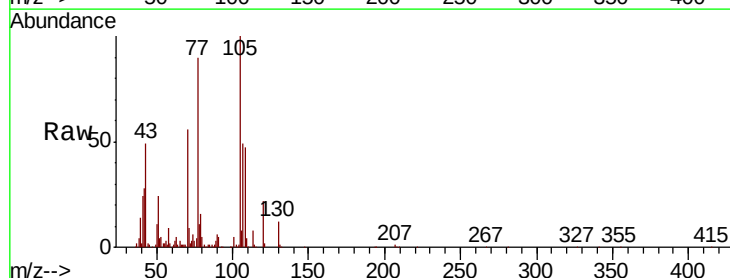
Ion Ratio Lower Upper

105 100

71 9.0 6.1 9.1

51 24.3 16.8 25.2

120 21.9 17.6 26.4



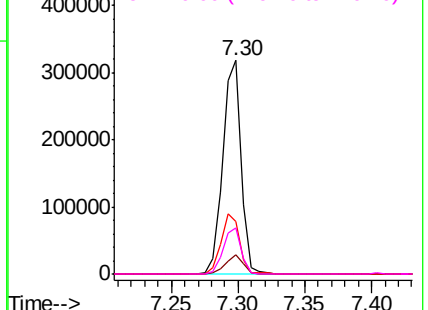
Abundance

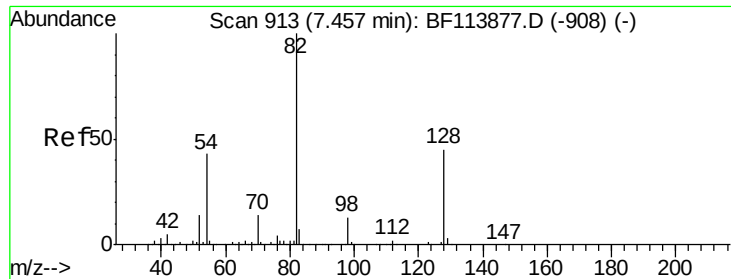
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

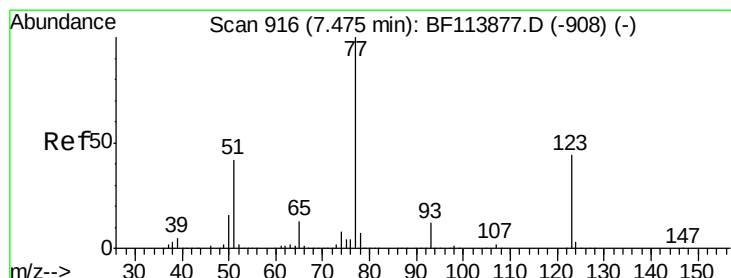
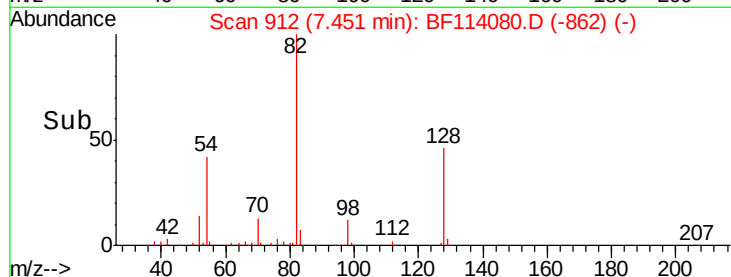
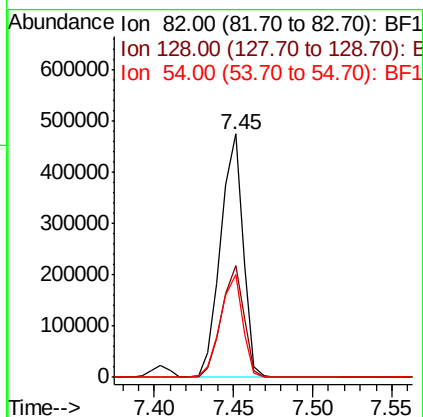
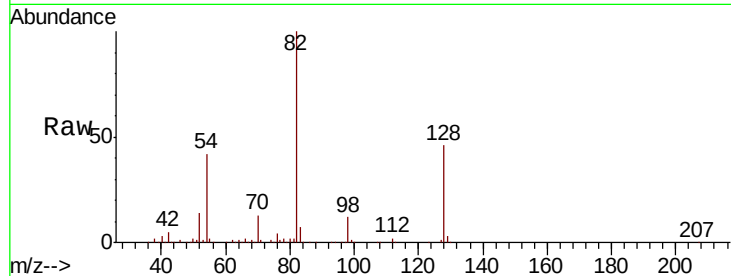




#23
Nitrobenzene-d5
Concen: 89.935 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

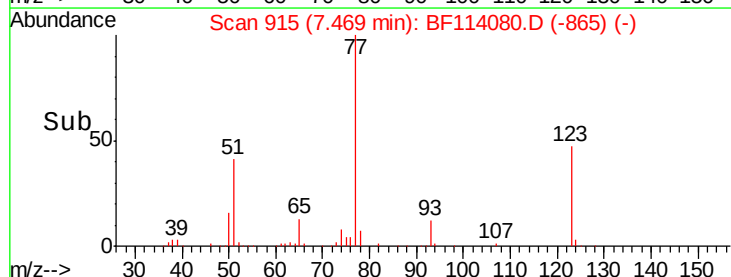
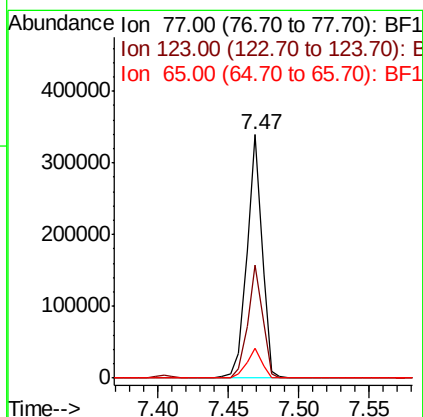
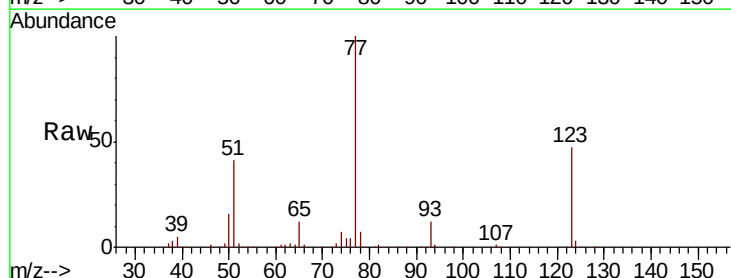
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

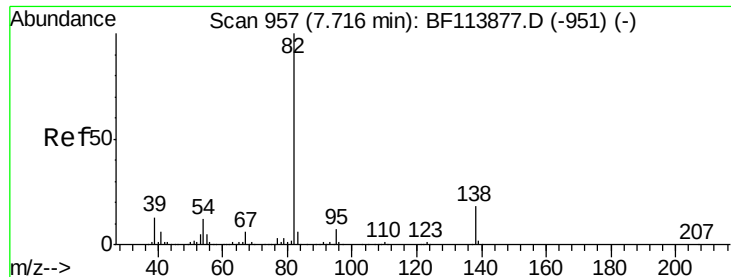
Tot Ion	82	Resp	469521
Ion Ratio	100	Lower	Upper
128	45.9	36.8	55.2
54	42.2	33.8	50.6



#24
Nitrobenzene
Concen: 43.964 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	77	Resp	253610
Ion Ratio	100	Lower	Upper
123	46.6	36.3	54.5
65	12.4	10.3	15.5





#25

Isophorone

Concen: 42.269 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

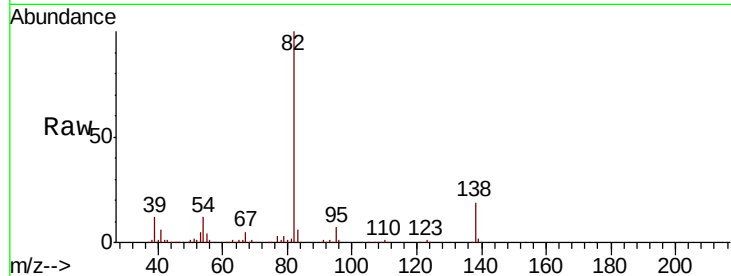
Tot Ion: 82 Resp: 451534

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

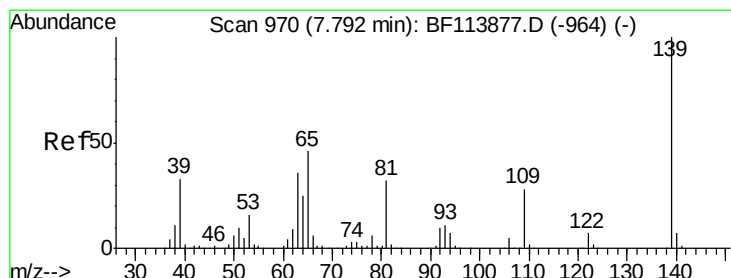
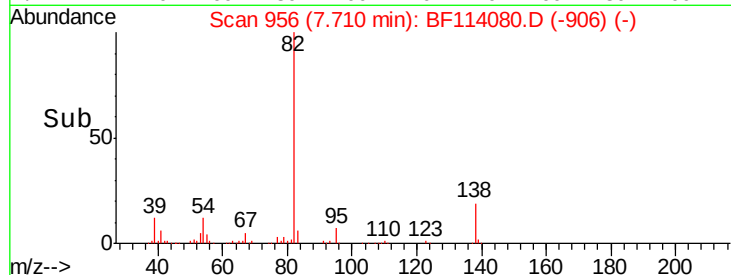
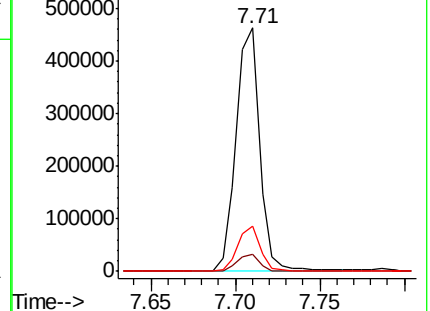
138 18.7 14.6 22.0



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: 48.218 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

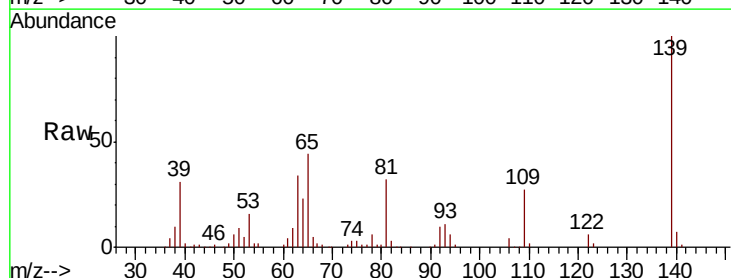
Tgt Ion: 139 Resp: 126894

Ion Ratio Lower Upper

139 100

109 27.2 20.6 31.0

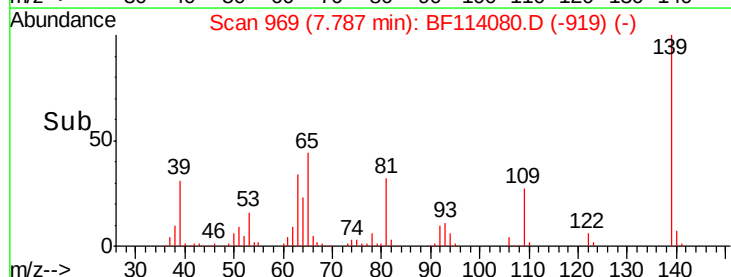
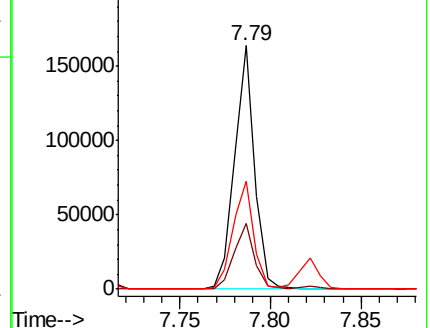
65 44.4 34.6 52.0

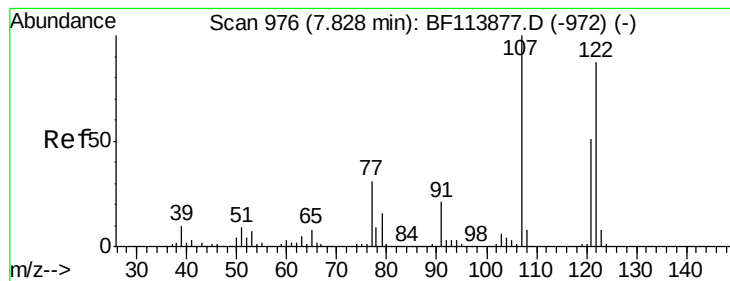


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.456 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

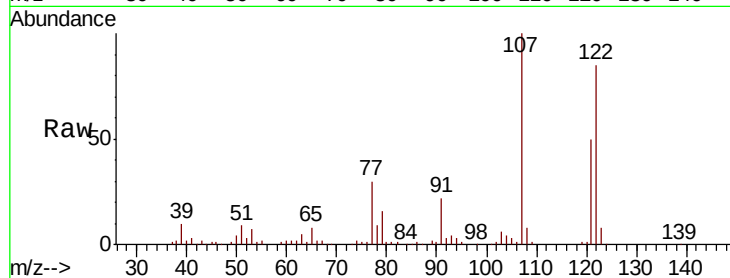
Tot Ion:122 Resp: 177749

Ion Ratio Lower Upper

122 100

107 118.1 91.2 136.8

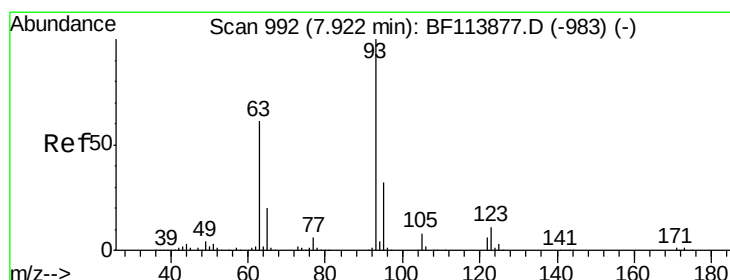
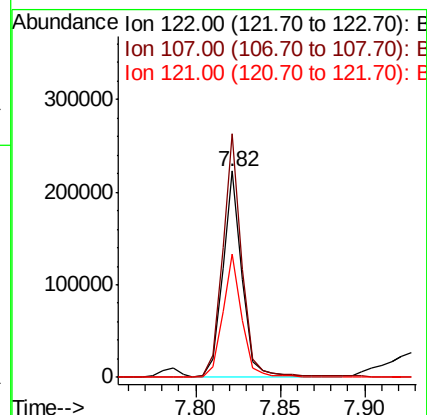
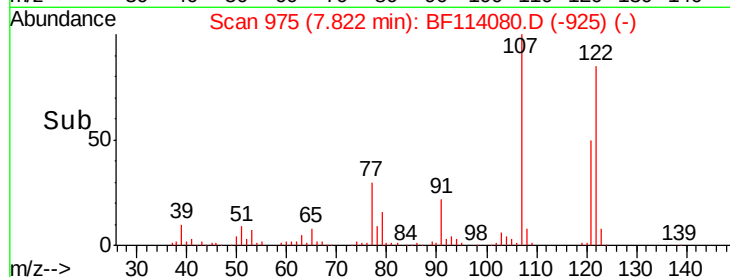
121 59.5 46.4 69.6



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: 42.646 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

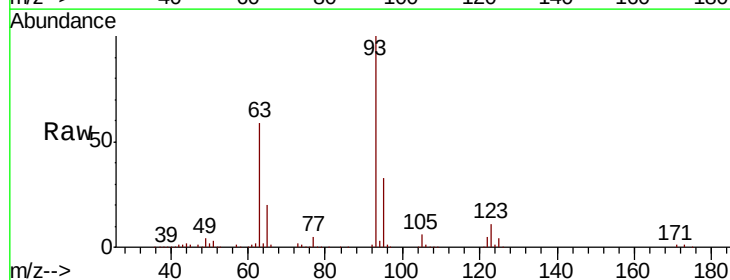
Tgt Ion: 93 Resp: 290292

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

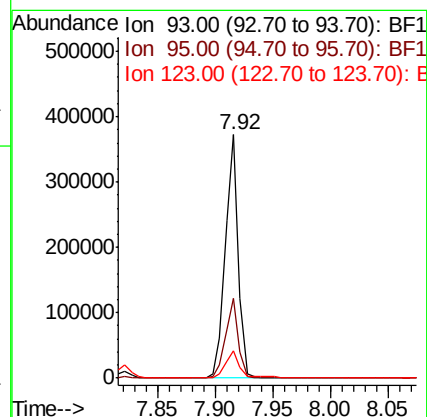
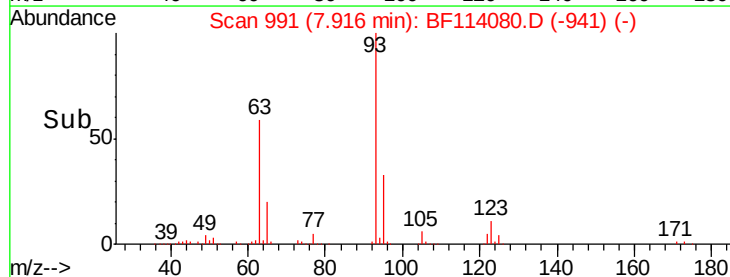
123 11.4 9.0 13.6

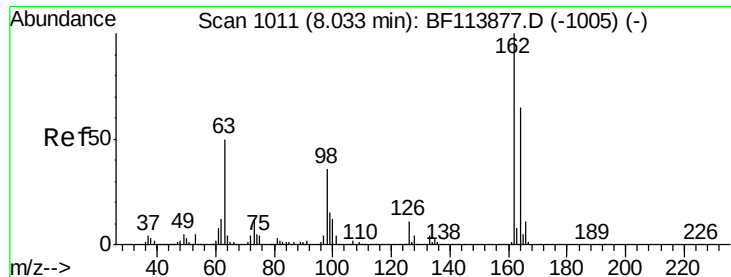


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

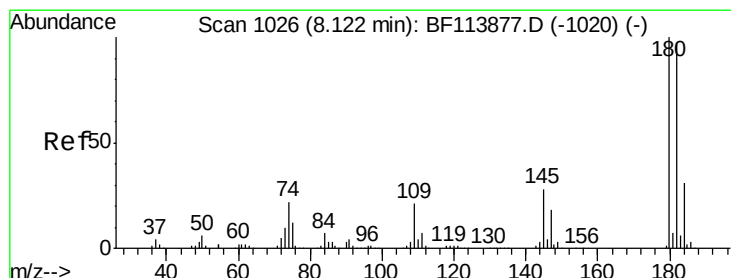
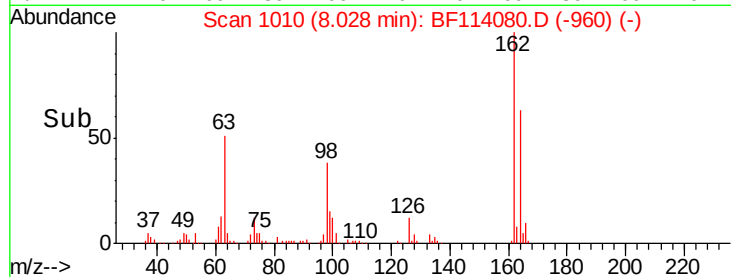
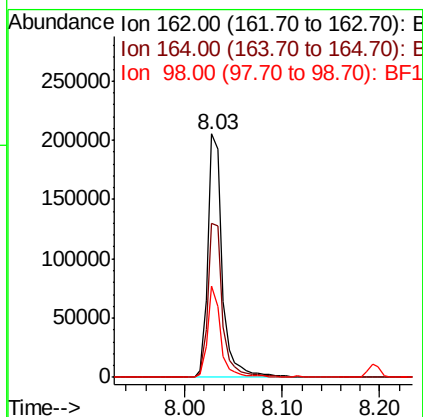
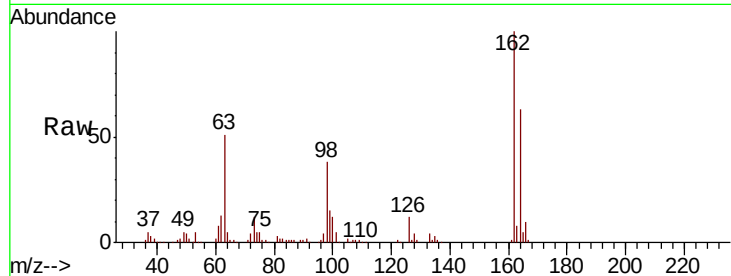




#29
2,4-Dichlorophenol
Concen: 43.372 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

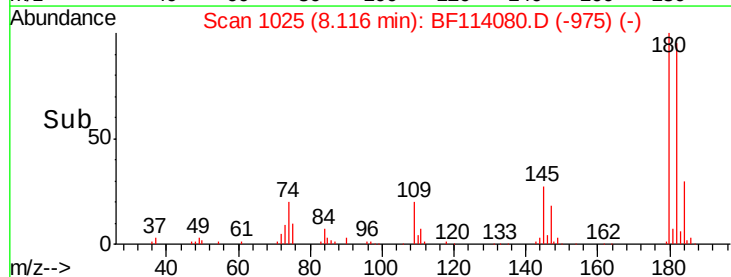
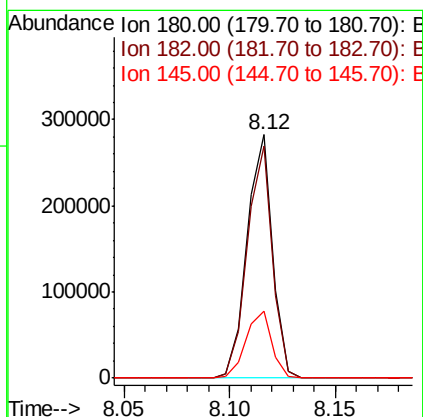
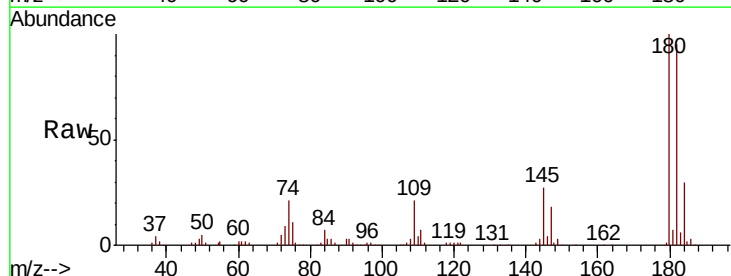
Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

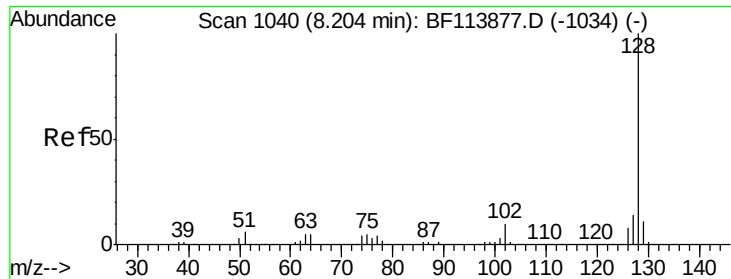
Tot Ion:162 Resp: 212659
Ion Ratio Lower Upper
162 100
164 63.5 43.7 83.7
98 37.5 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 43.310 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:180 Resp: 236776
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 27.5 23.0 34.4

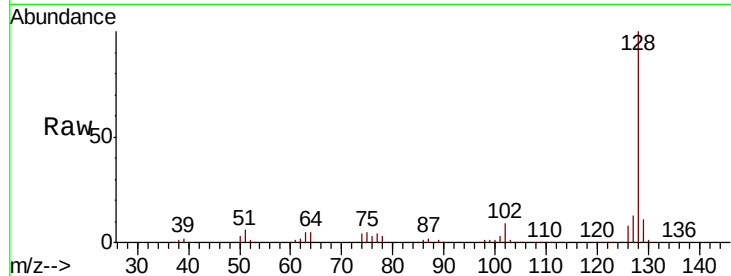




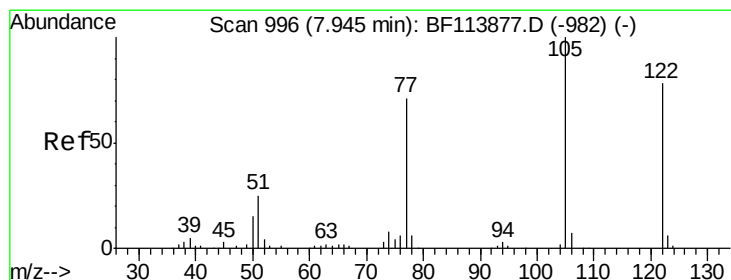
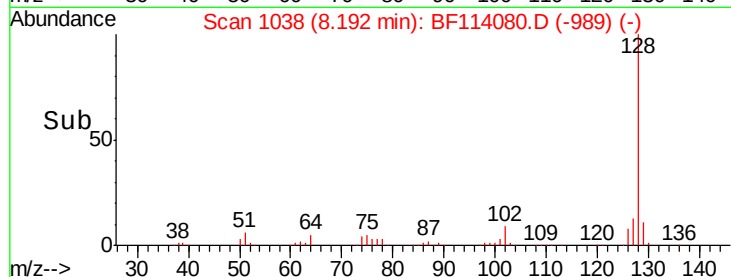
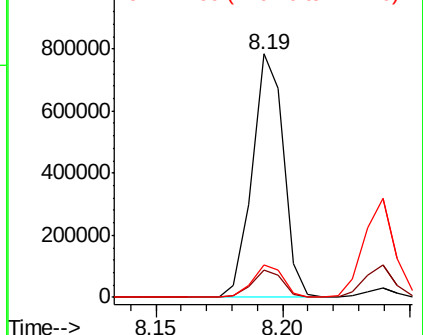
#31
Naphthalene
Concen: 44.133 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 675820
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 10.8 16.2

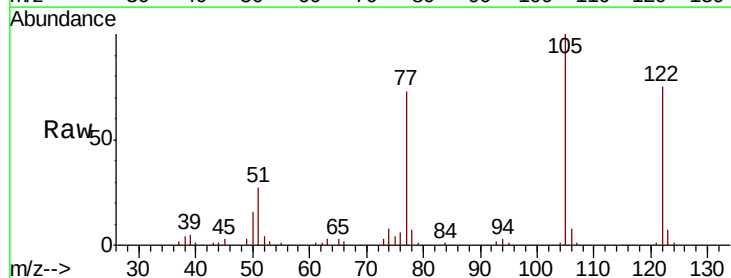


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

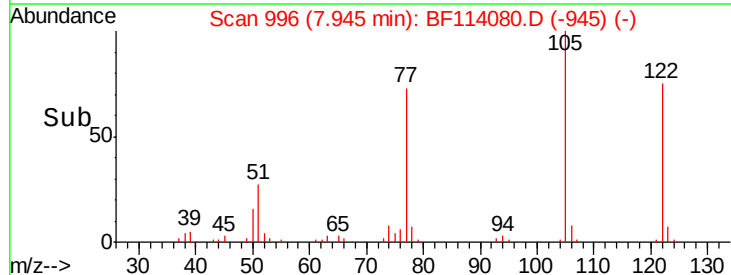
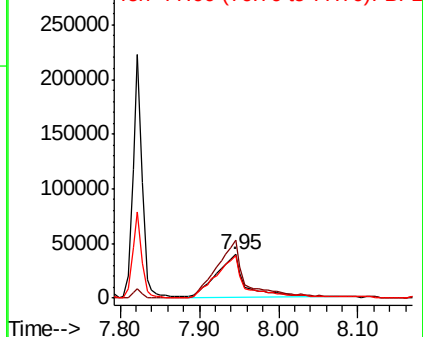


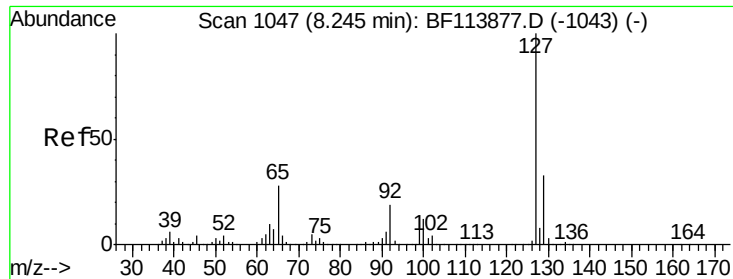
#32
Benzoic acid
Concen: 34.760 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:122 Resp: 100649
Ion Ratio Lower Upper
122 100
105 133.7 104.3 144.3
77 97.9 70.4 110.4



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

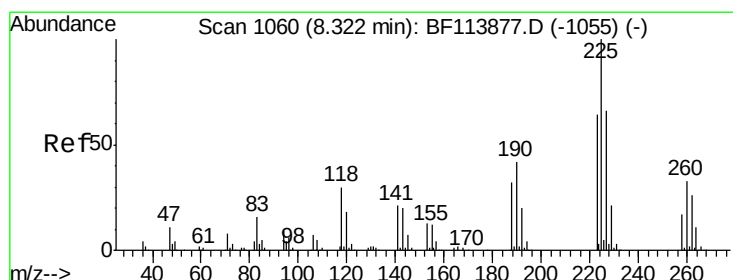
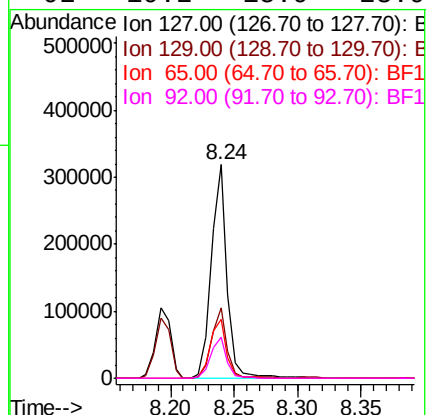
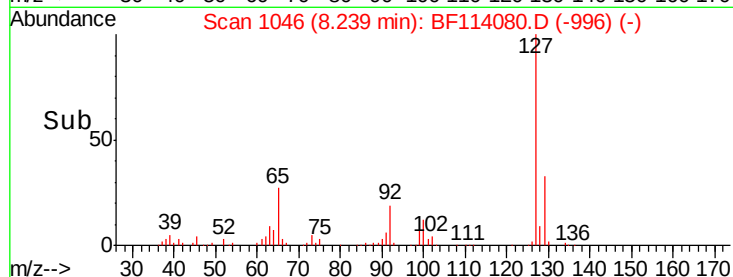
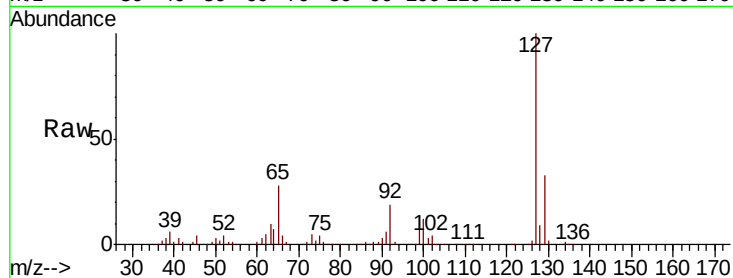




#33
4-Chloroaniline
Concen: 43.108 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

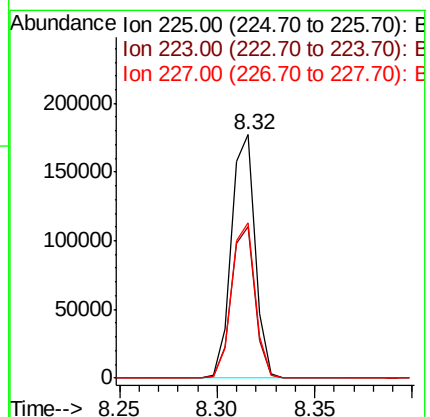
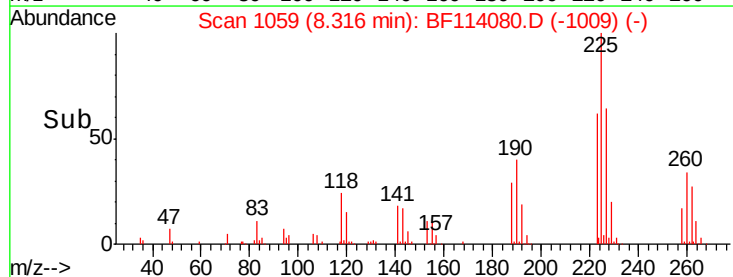
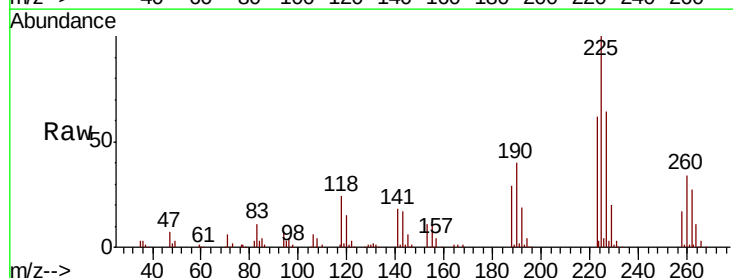
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

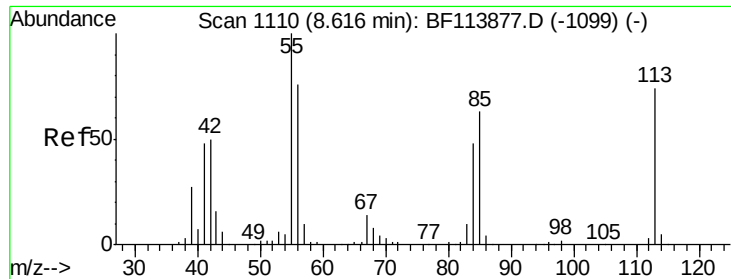
Tot Ion:	127	Resp:	279316
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	27.5	24.9	37.3
92	19.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.994 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:	225	Resp:	149934
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	63.9	49.9	74.9

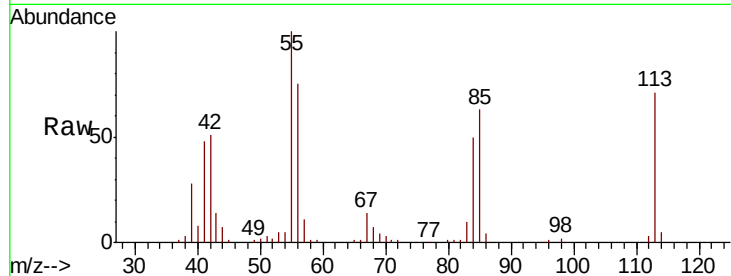




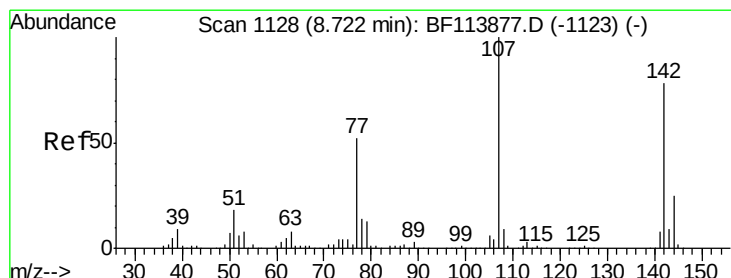
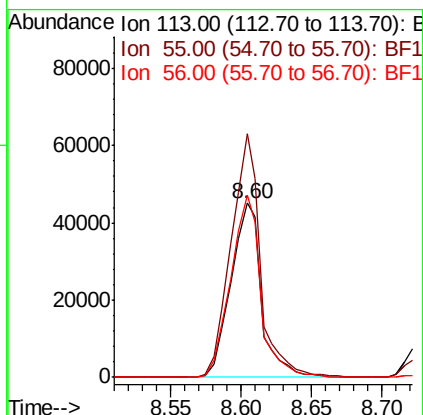
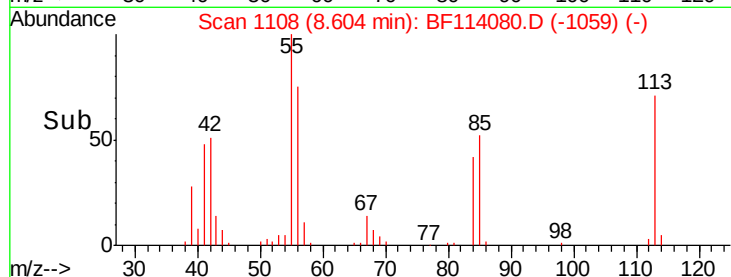
#35
 Caprolactam
 Concen: 43.306 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 67546
 Ion Ratio Lower Upper
 113 100
 55 140.0 128.6 168.6
 56 104.5 91.9 131.9

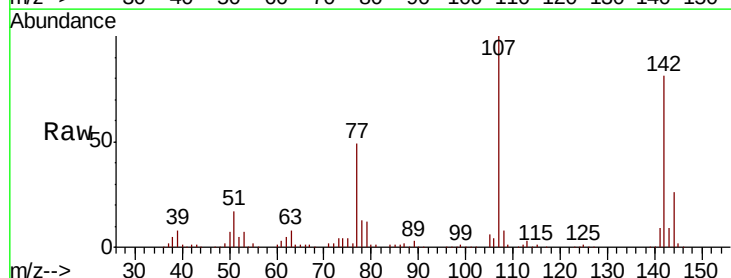


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

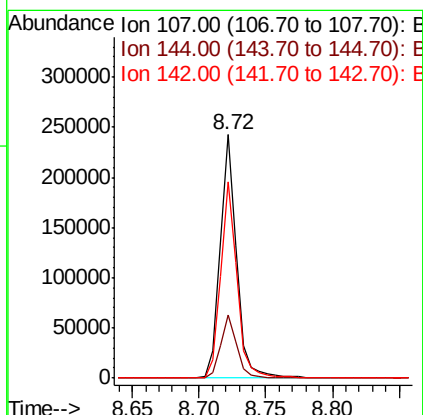
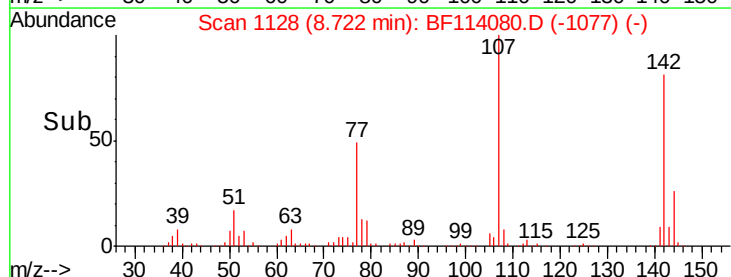


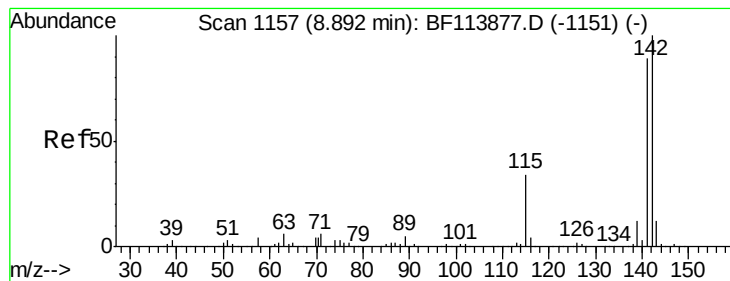
#36
 4-Chloro-3-methylphenol
 Concen: 43.740 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion:107 Resp: 212472
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 80.8 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 44.705 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

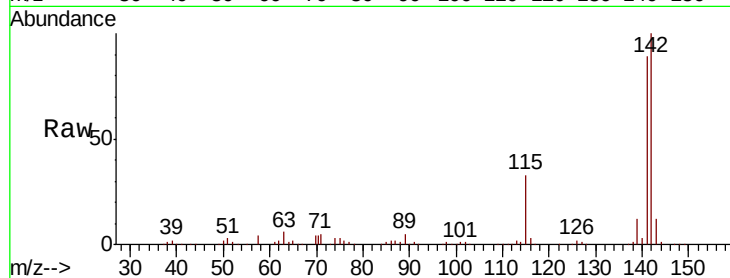
Tot Ion:142 Resp: 461639

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

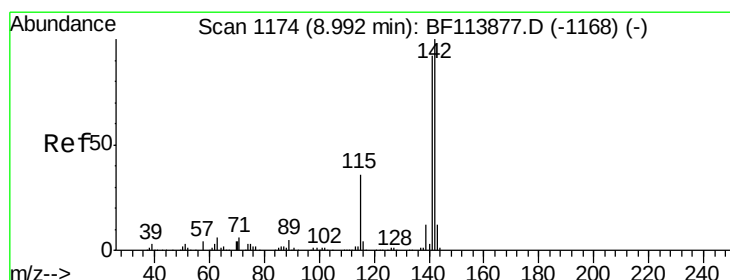
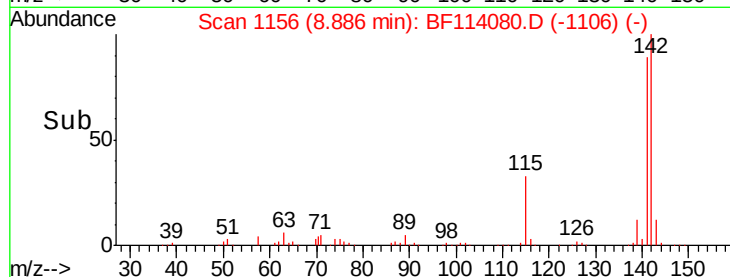
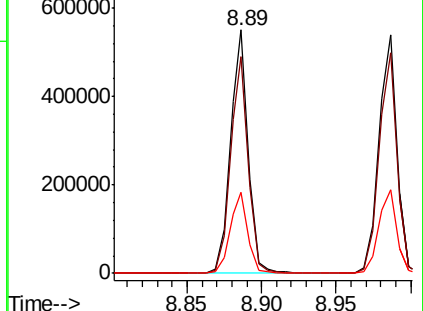
115 33.2 26.3 39.5



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: 44.521 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

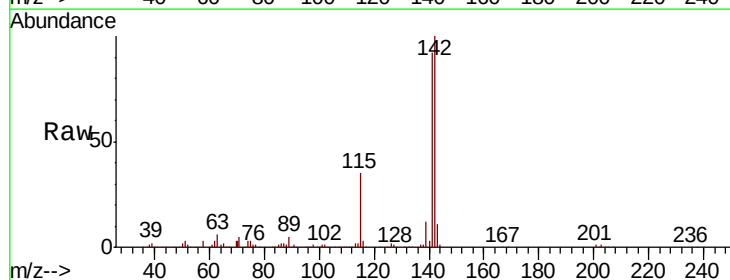
Tgt Ion:142 Resp: 443719

Ion Ratio Lower Upper

142 100

141 92.5 72.3 108.5

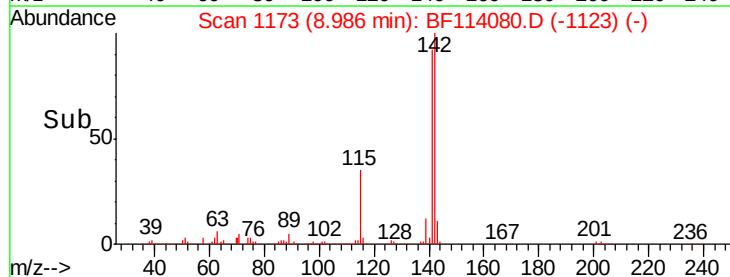
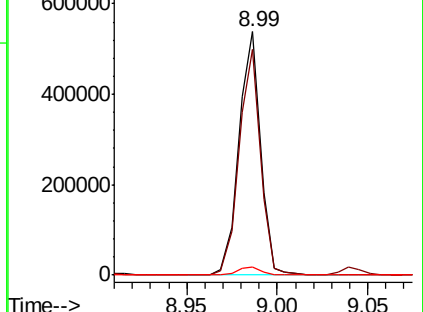
116 3.4 3.0 4.4

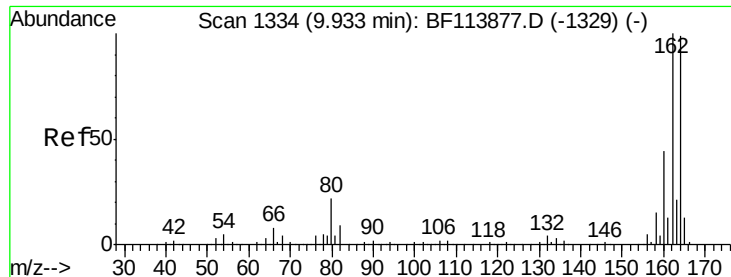


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

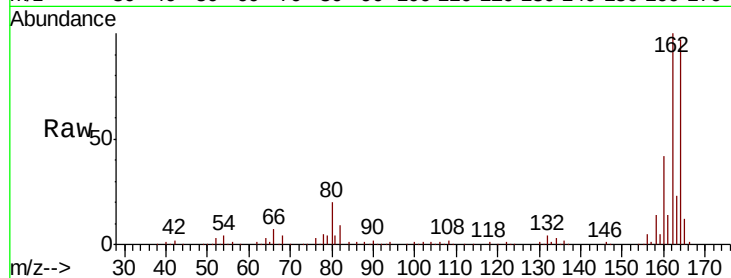
Tot Ion:164 Resp: 174677

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

160 43.5 35.8 53.6

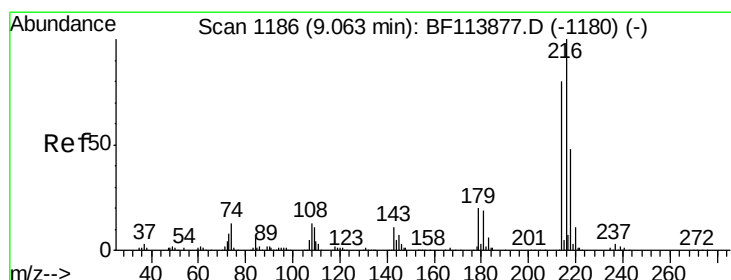
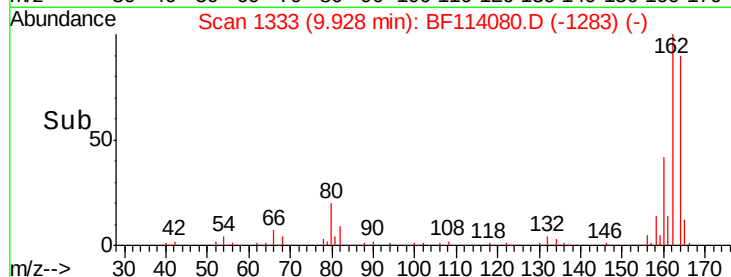
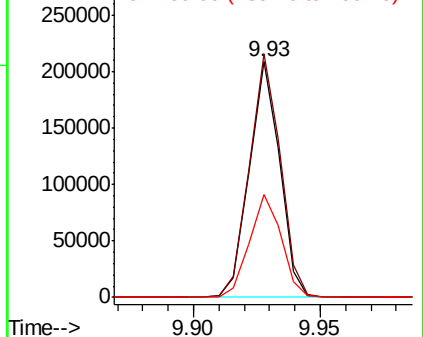


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.319 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Tgt Ion:216 Resp: 245793

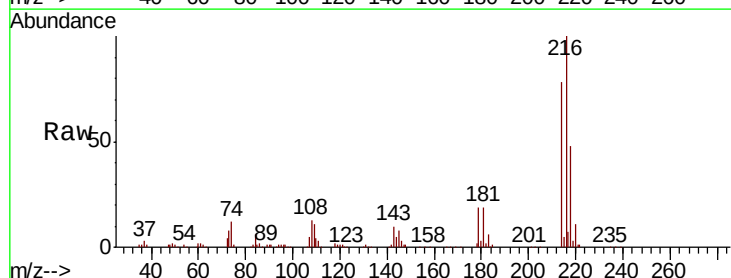
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 20.4 16.1 24.1

108 16.2 13.4 20.0



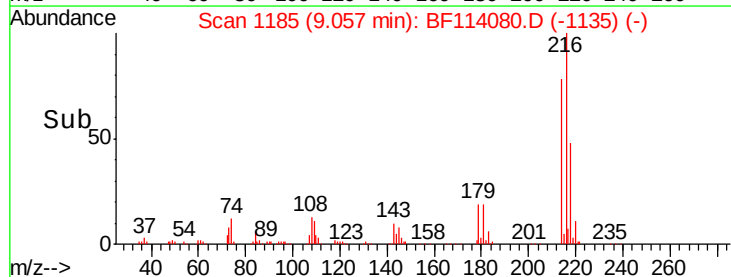
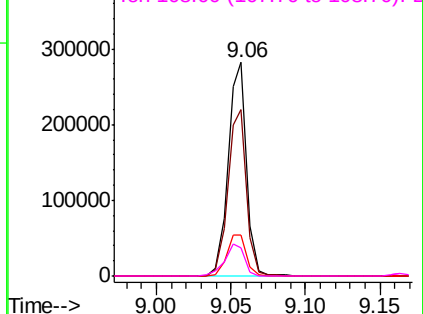
Abundance

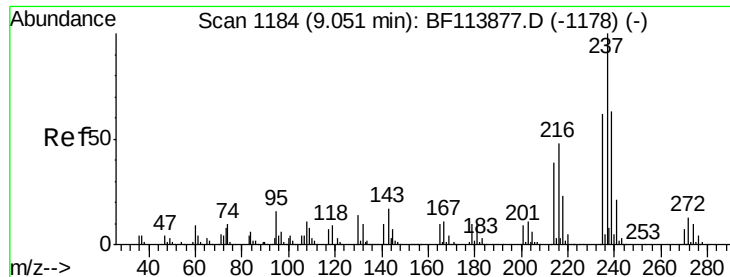
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

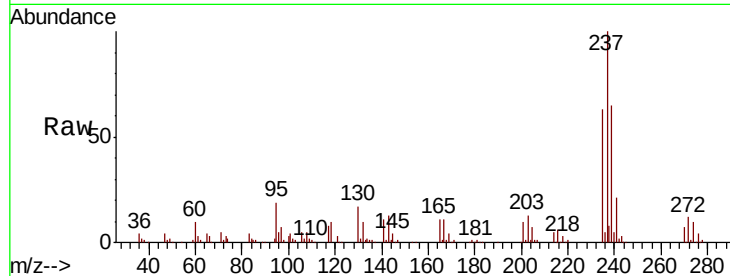




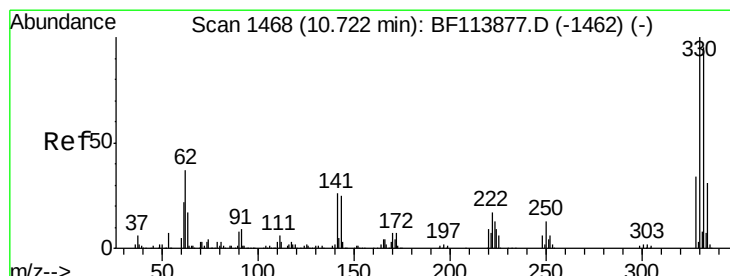
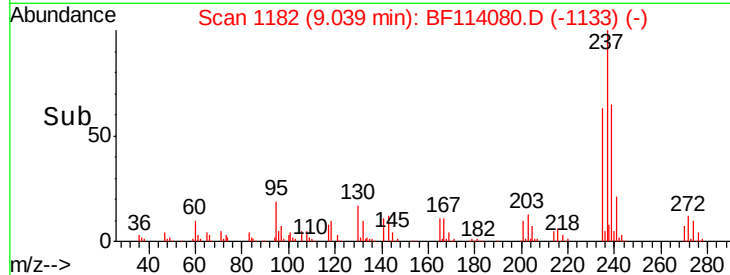
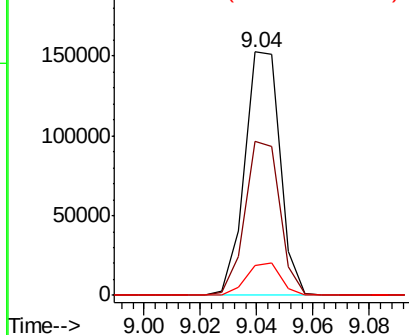
#41
Hexachlorocyclopentadiene
Concen: 41.943 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.6	82.6
272	12.2	0.0	33.8

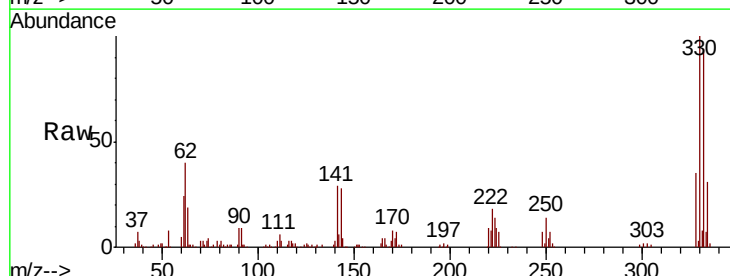


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

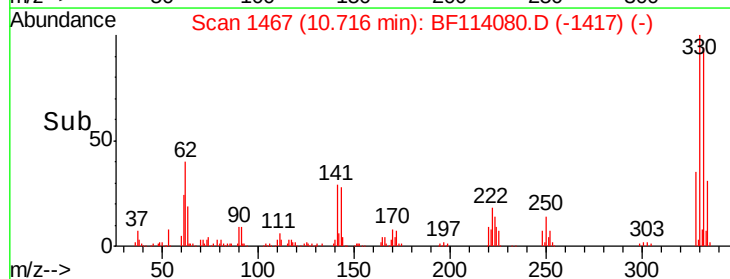
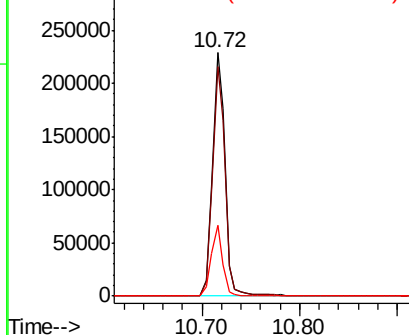


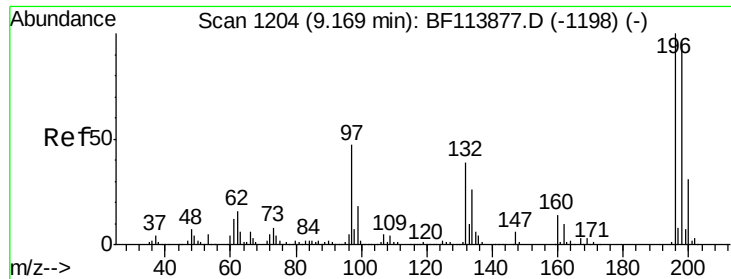
#42
2,4,6-Tribromophenol
Concen: 95.736 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.5	116.3
141	26.8	22.2	33.2



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

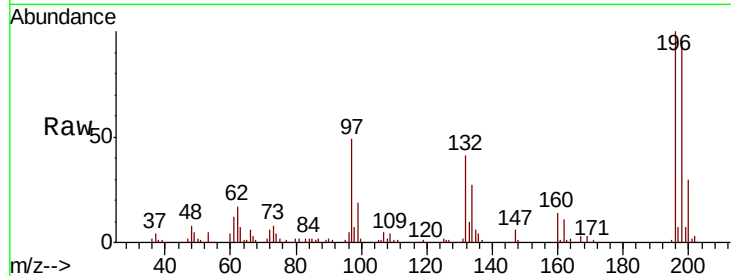




#43
 2,4,6-Trichlorophenol
 Concen: 42.577 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	153405
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.6	113.4
200	30.5	24.7	37.1

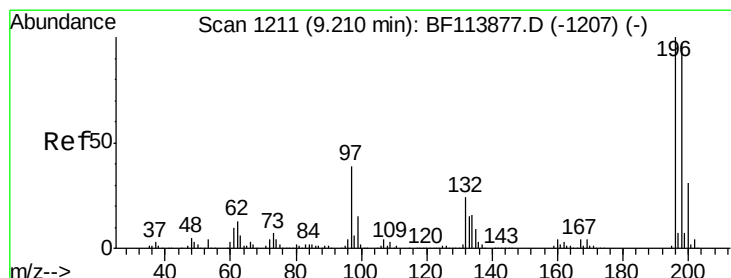
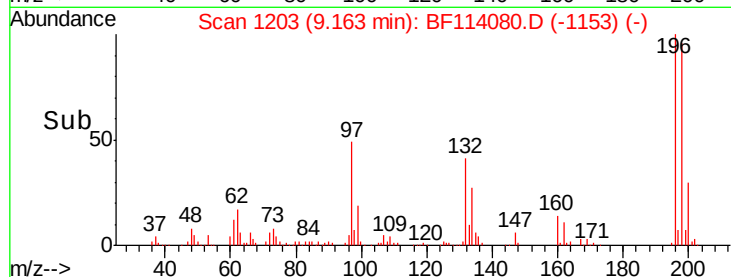
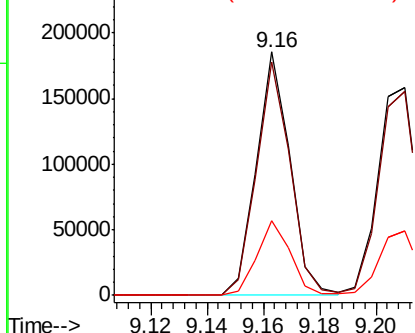


Abundance

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: 41.099 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion	196	Resp	166094
Ion Ratio	Lower	Upper	
196	100		
198	98.1	76.2	114.4
97	40.2	35.8	53.8
132	24.0	20.9	31.3

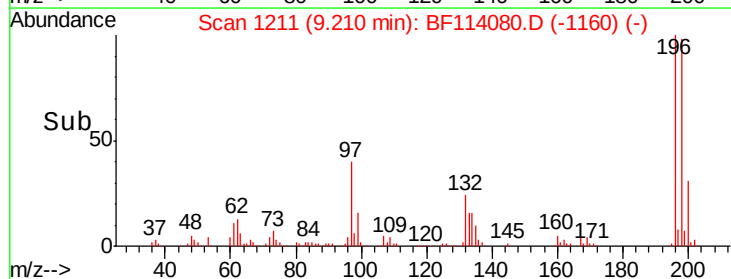
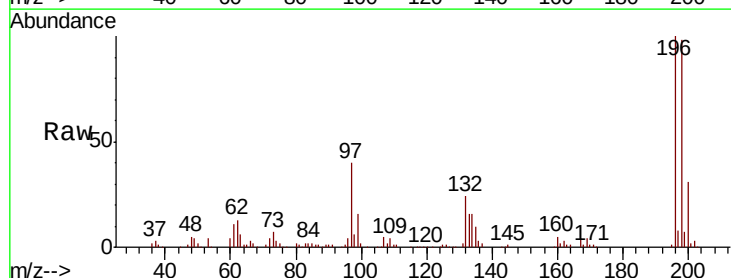
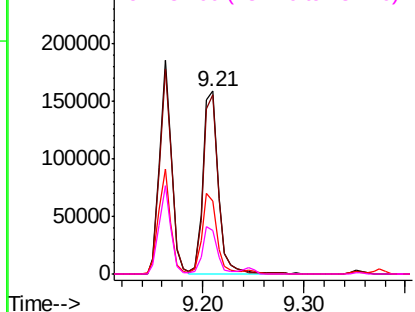
Abundance

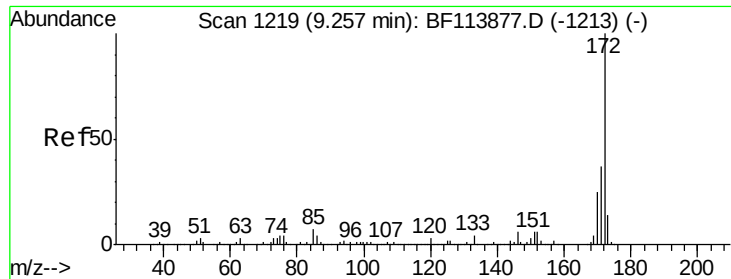
Ion 196.00 (195.70 to 196.70): E

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

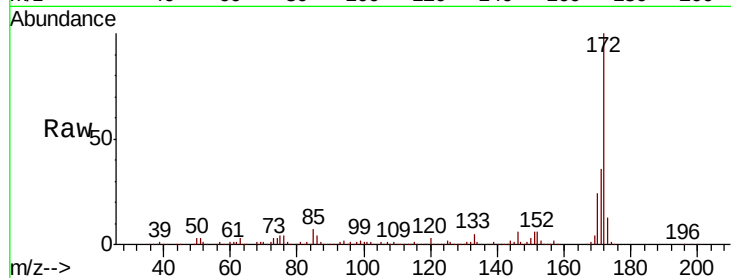




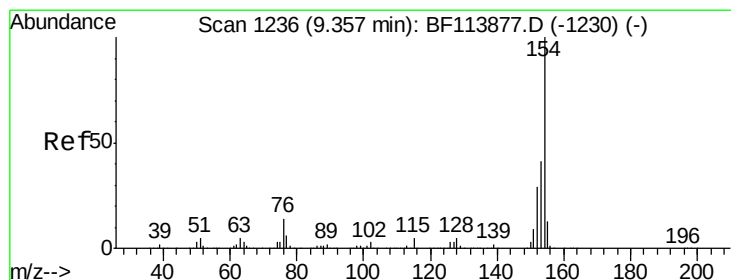
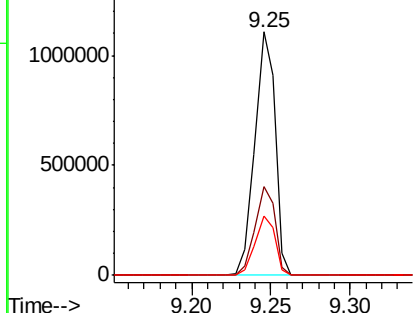
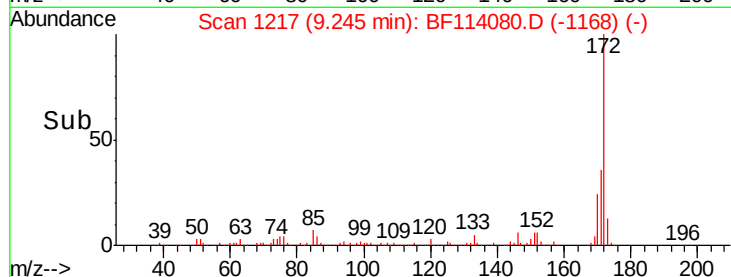
#45
2-Fluorobiphenyl
Concen: 88.577 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:172 Resp: 989262
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.9 29.9

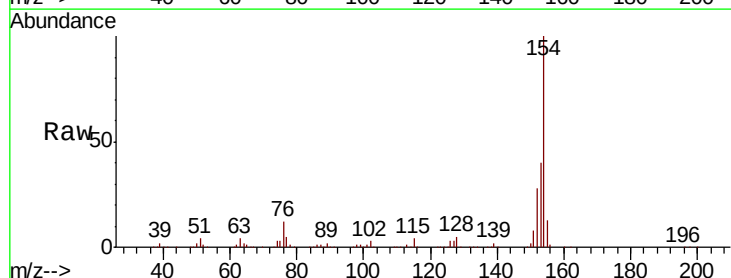


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

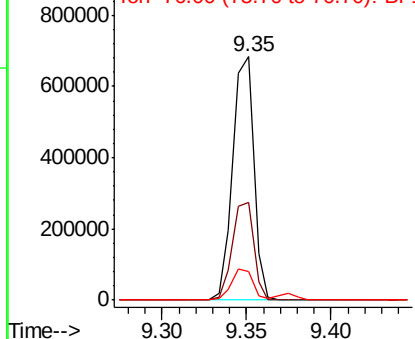
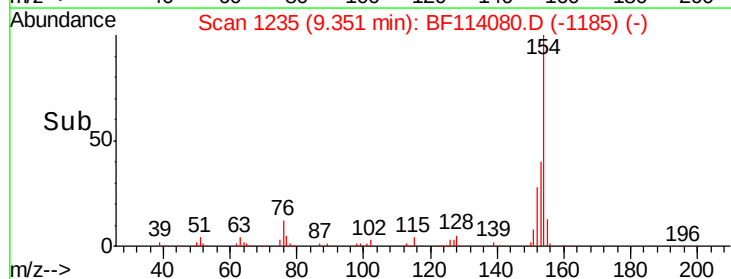


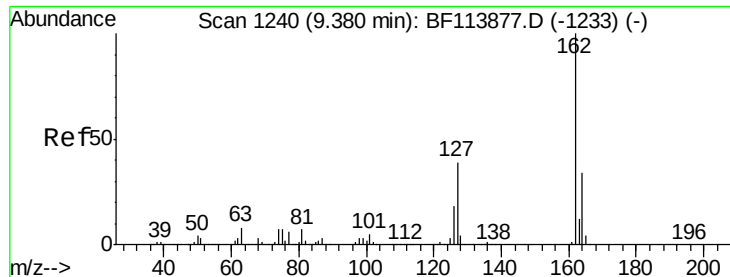
#46
1,1'-Biphenyl
Concen: 44.355 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:154 Resp: 591876
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 11.6 0.0 35.2



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

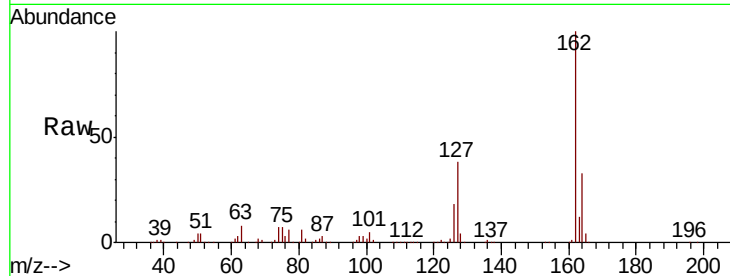




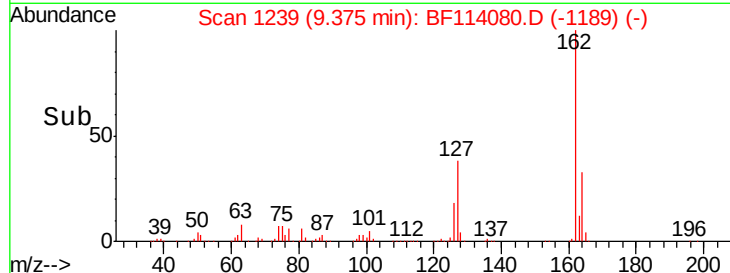
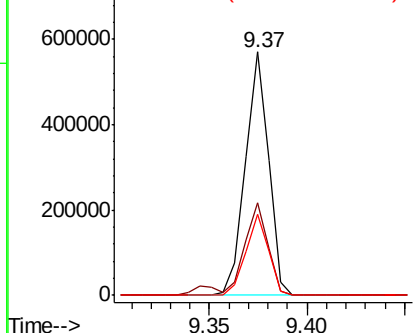
#47
 2-Chloronaphthalene
 Concen: 43.167 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	29.3	43.9
164	33.5	27.1	40.7

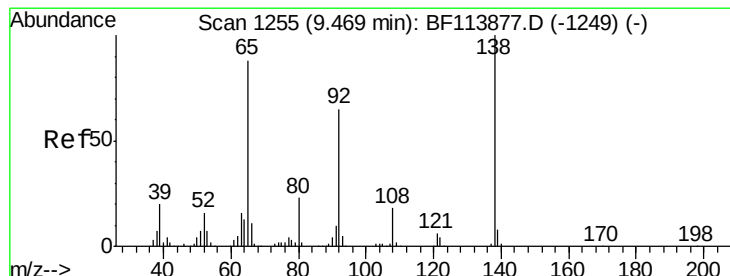


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

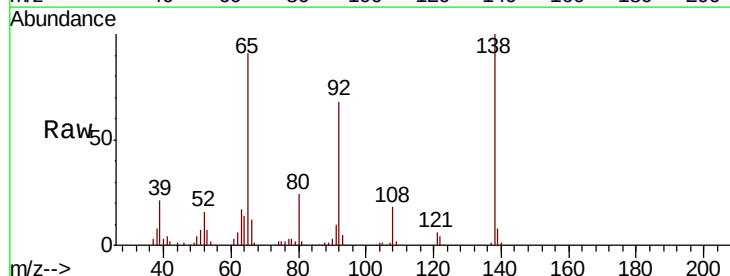
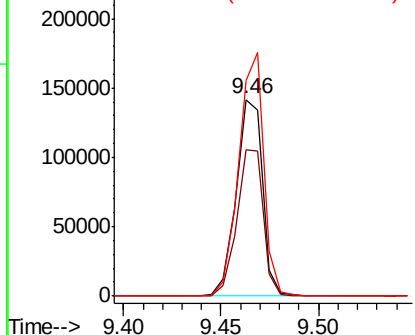


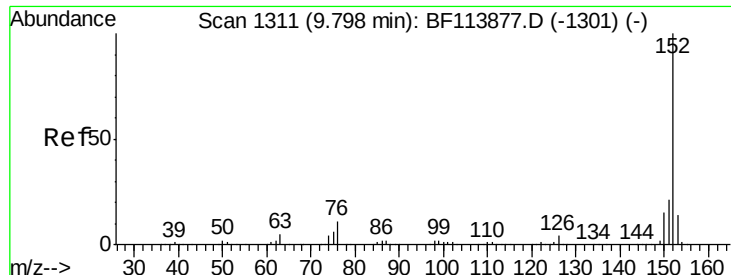
#48
 2-Nitroaniline
 Concen: 46.527 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.0
138	109.6	85.4	128.0



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: 44.764 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

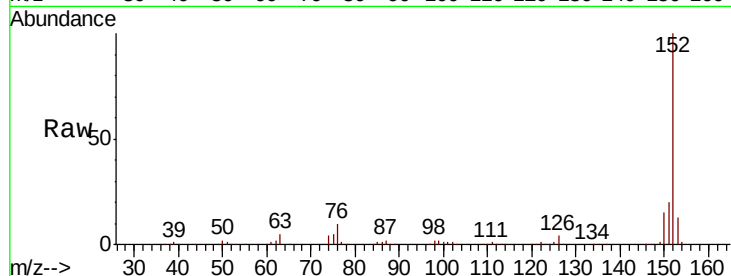
Tot Ion:152 Resp: 760470

Ion Ratio Lower Upper

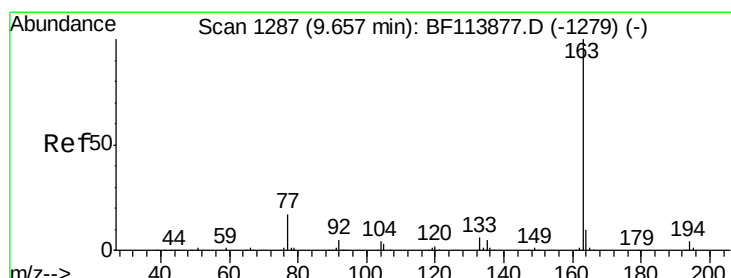
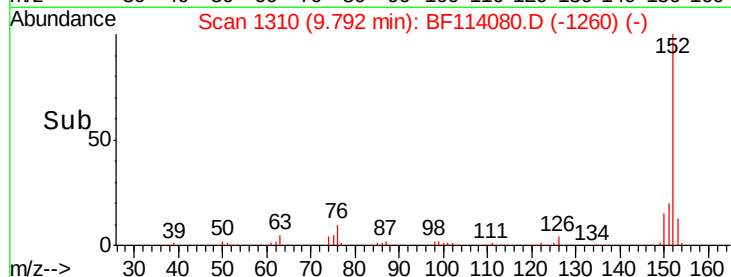
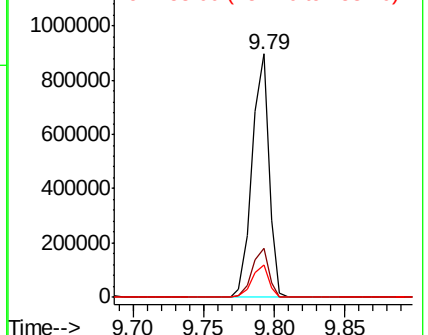
152 100

151 20.1 17.0 25.4

153 13.2 11.0 16.6



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: 44.958 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

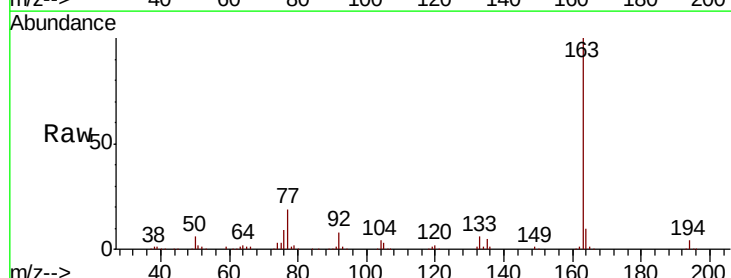
Tgt Ion:163 Resp: 567947

Ion Ratio Lower Upper

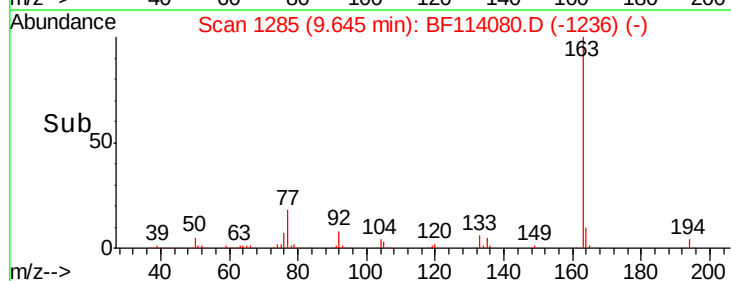
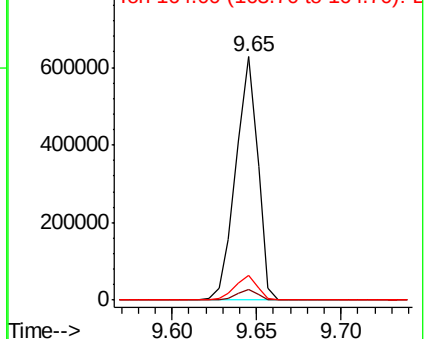
163 100

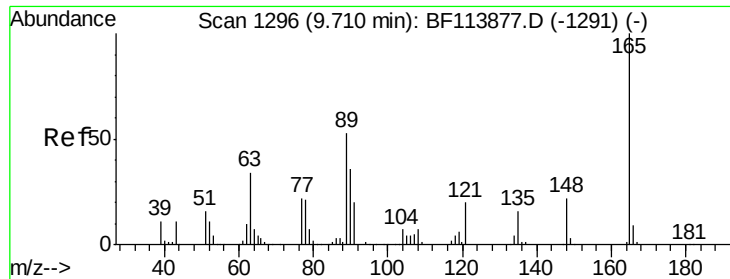
194 4.1 3.4 5.2

164 10.1 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: 47.038 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

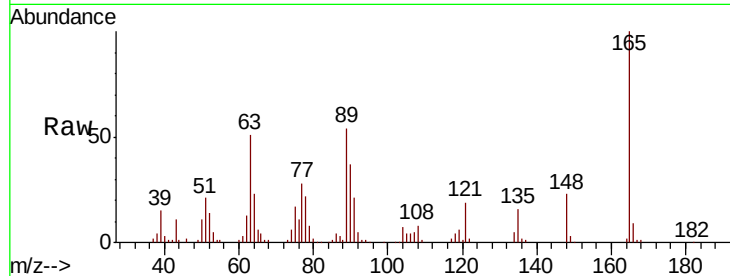
Tot Ion:165 Resp: 127485

Ion Ratio Lower Upper

165 100

63 51.0 33.8 50.8#

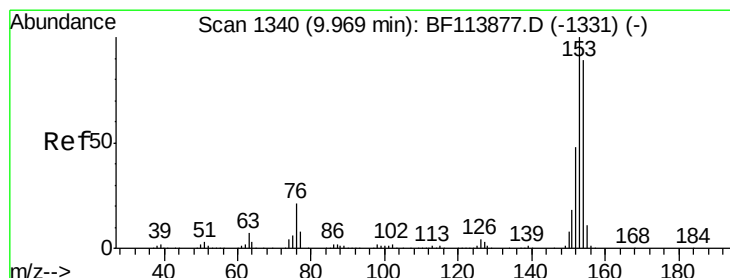
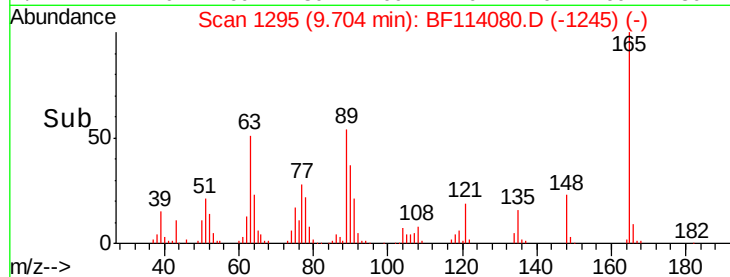
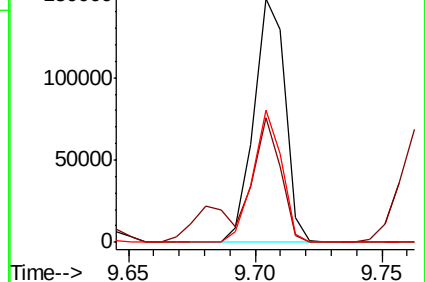
89 54.4 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.052 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

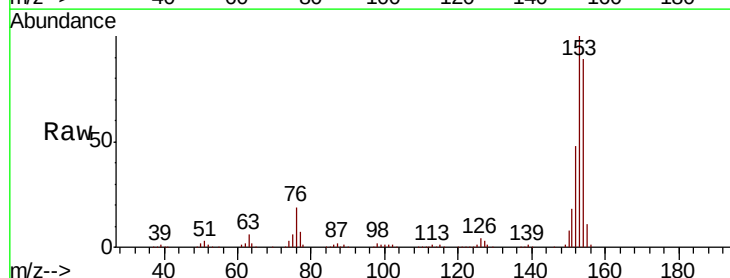
Tgt Ion:154 Resp: 432239

Ion Ratio Lower Upper

154 100

153 112.9 87.2 130.8

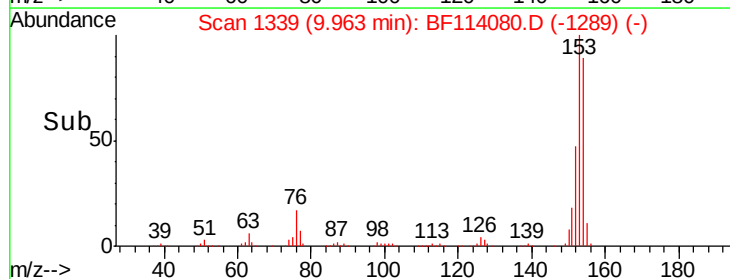
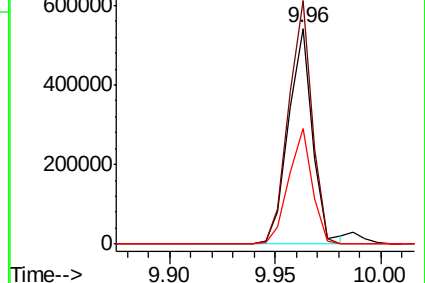
152 53.7 42.3 63.5

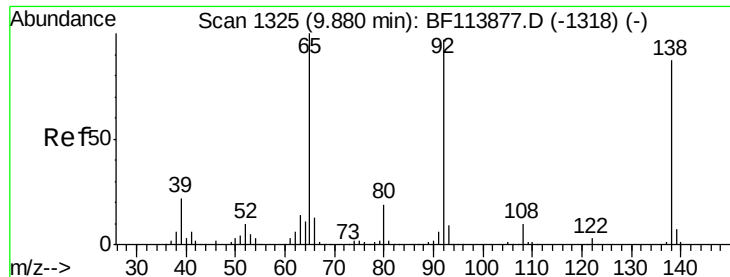


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

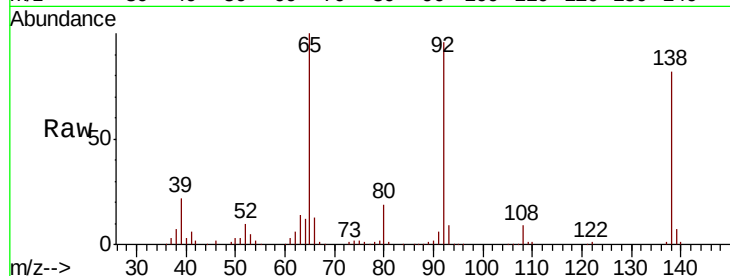




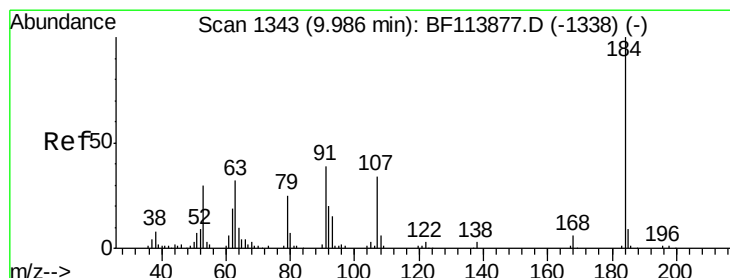
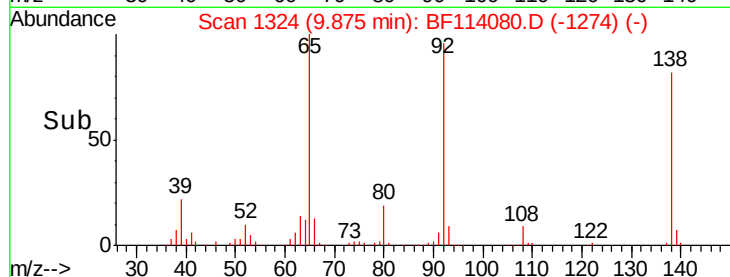
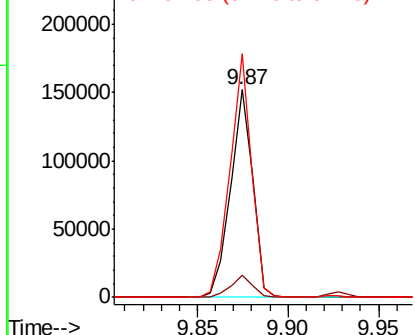
#53
3-Nitroaniline
Concen: 45.786 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 130398
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.2
92 117.3 94.1 141.1

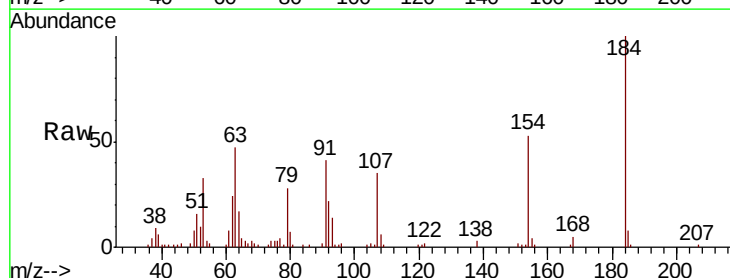


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

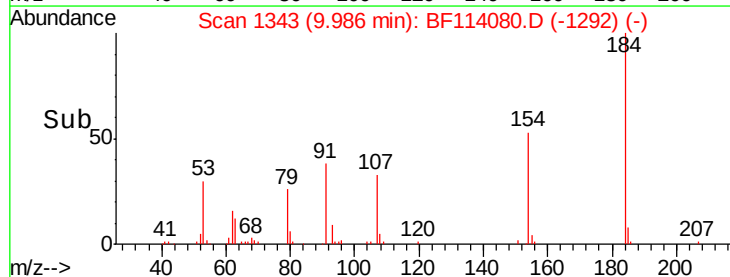
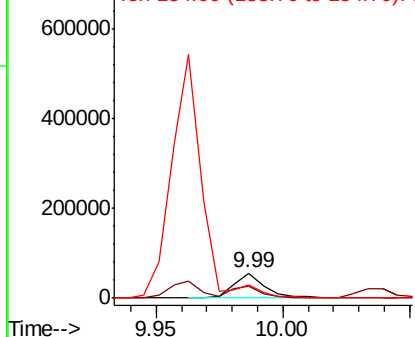


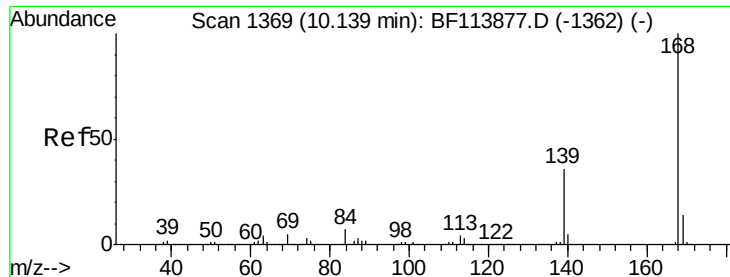
#54
2,4-Dinitrophenol
Concen: 44.458 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:184 Resp: 47294
Ion Ratio Lower Upper
184 100
63 46.7 54.6 81.8#
154 53.4 218.6 328.0#



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

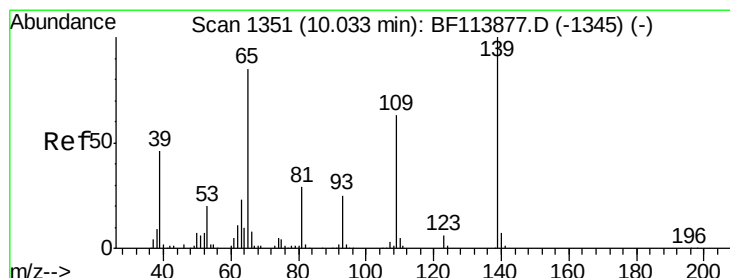
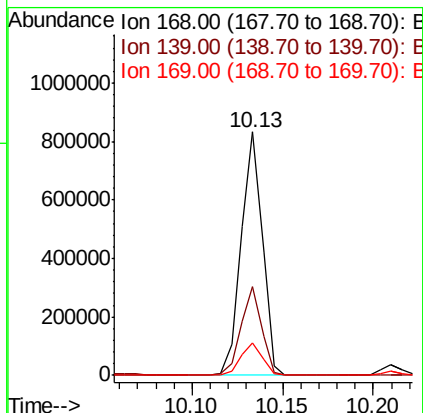
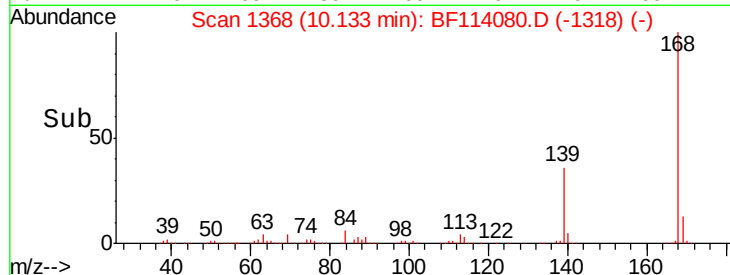
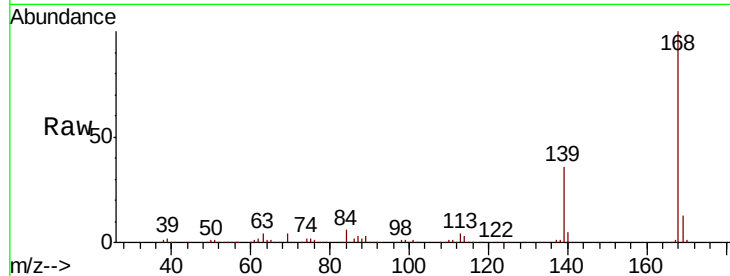




#55
Dibenzofuran
Concen: 44.984 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

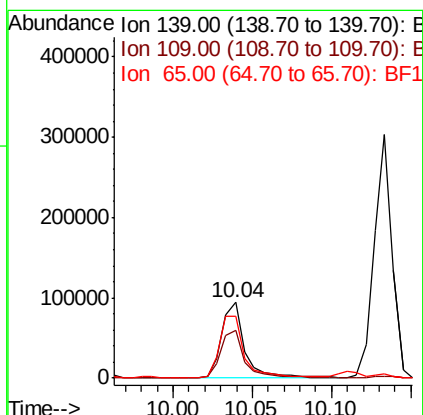
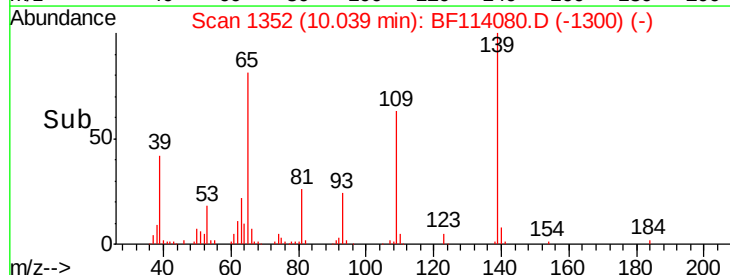
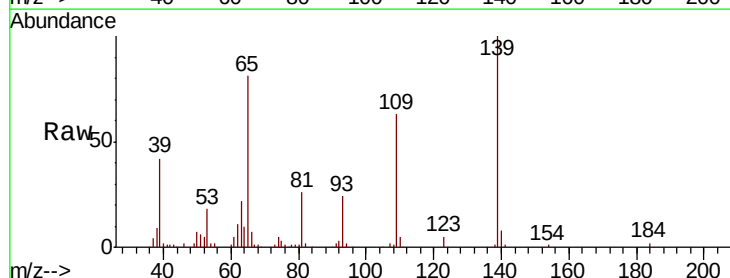
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

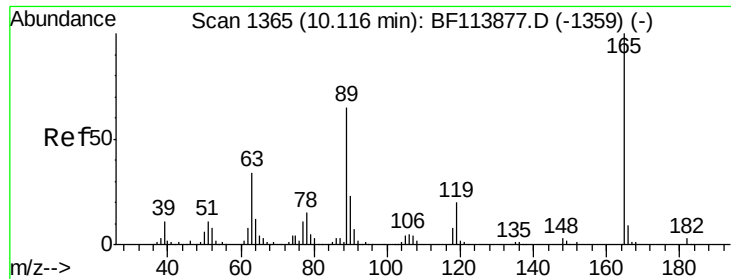
Tot Ion:168 Resp: 676515
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.6
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 42.721 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:139 Resp: 96335
Ion Ratio Lower Upper
139 100
109 63.3 42.9 82.9
65 81.2 64.4 104.4

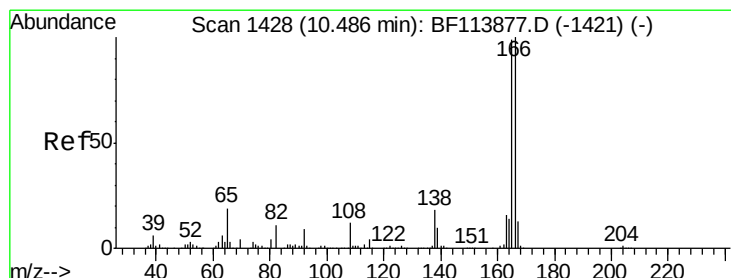
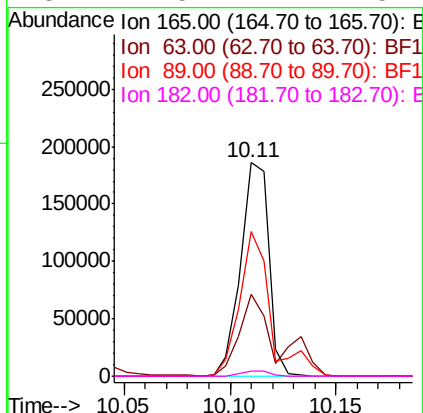
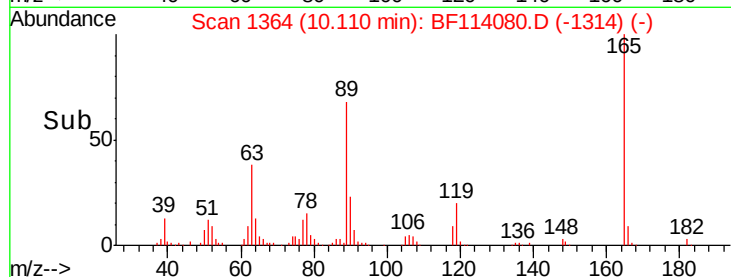
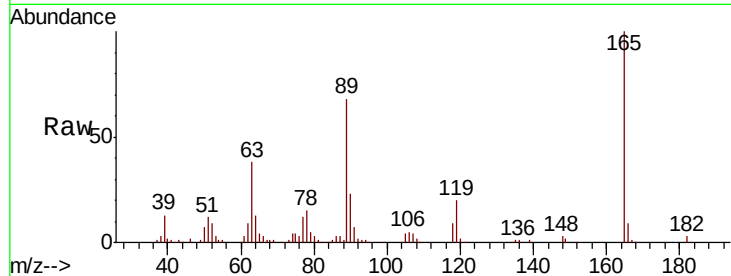




#57
2,4-Dinitrotoluene
Concen: 50.262 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

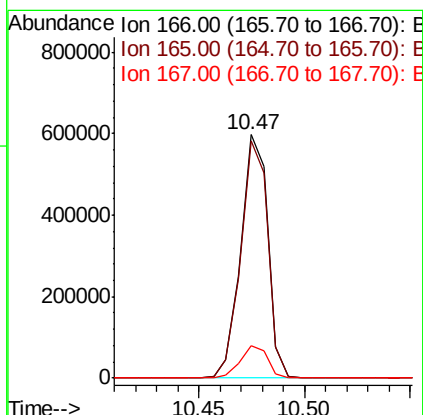
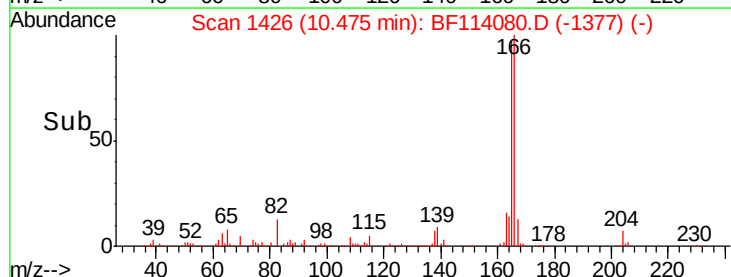
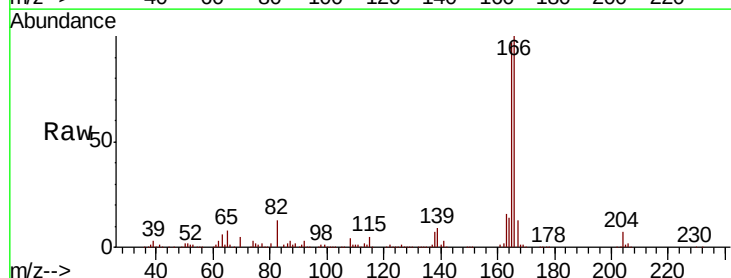
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

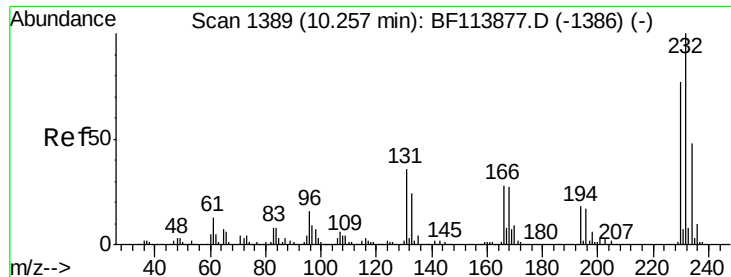
Tot Ion:165 Resp: 171942
Ion Ratio Lower Upper
165 100
63 38.2 27.4 41.0
89 67.7 51.8 77.6
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.815 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:166 Resp: 530065
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 13.3 10.9 16.3

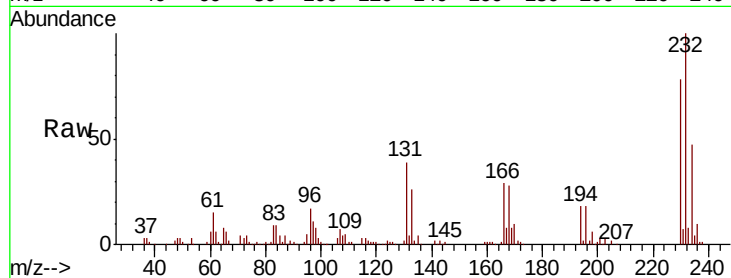




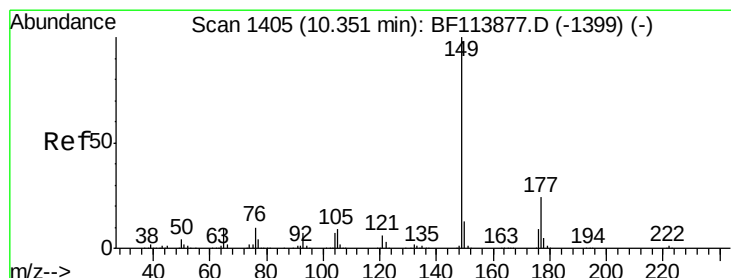
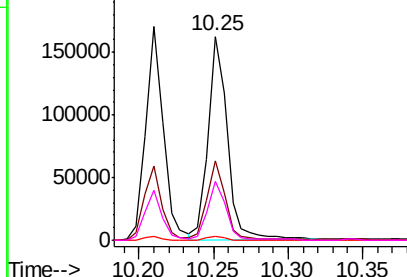
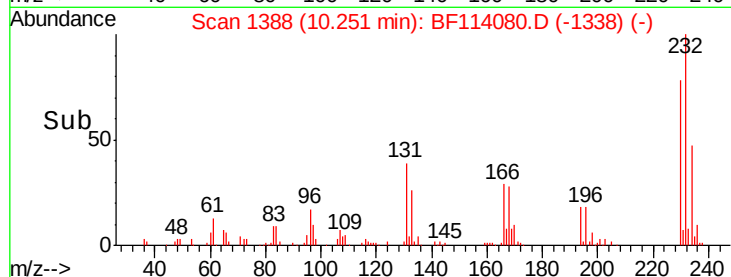
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.767 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	144782
Ion	Ratio	Lower	Upper
232	100		
131	38.6	30.2	45.2
130	1.7	1.5	2.3
166	27.9	22.2	33.4

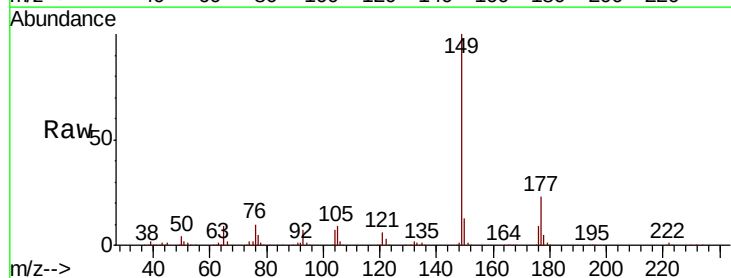


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

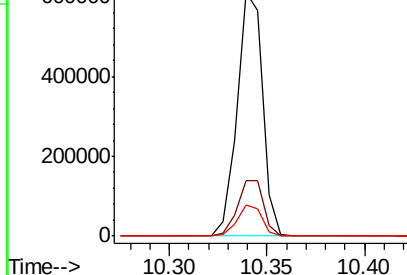
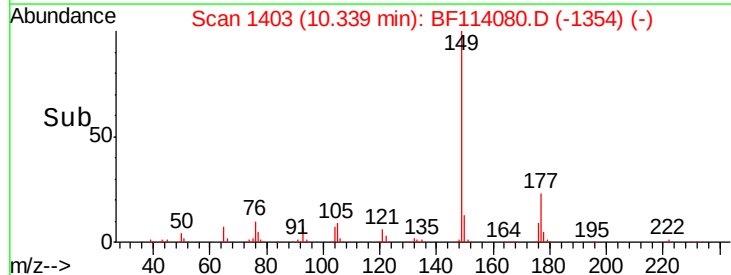


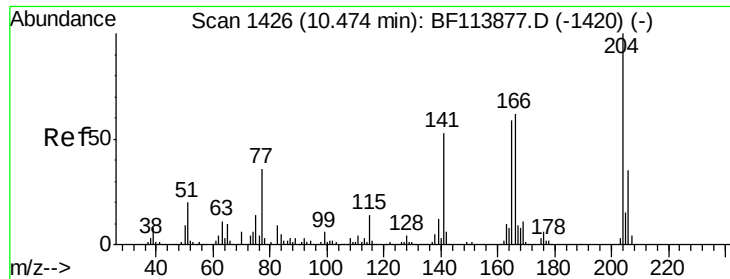
#60
 Diethylphthalate
 Concen: 46.003 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion:	149	Resp:	551877
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.2	28.8
150	12.7	10.3	15.5



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

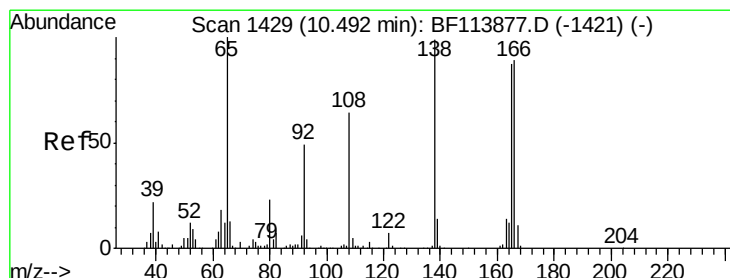
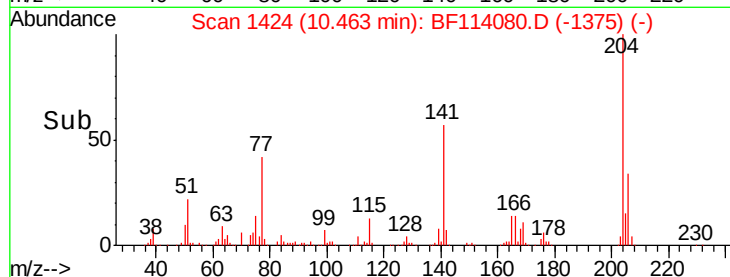
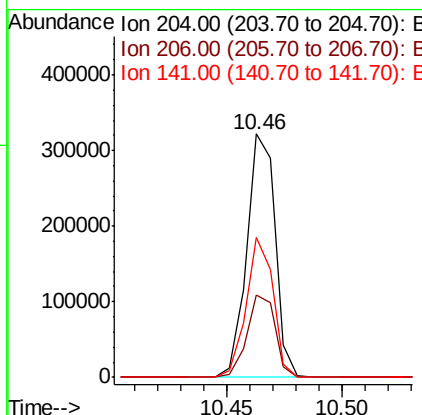
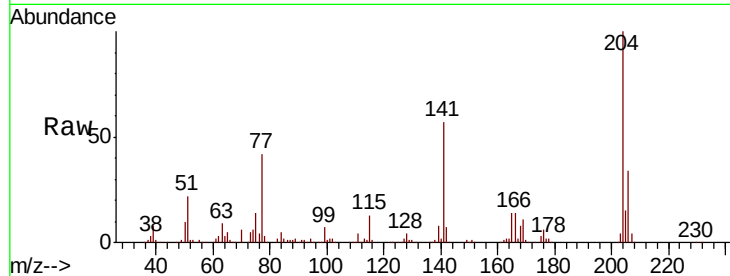




#61
4-Chlorophenyl-phenylether
Concen: 46.141 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

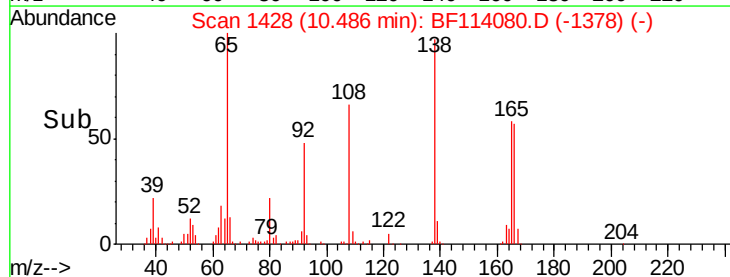
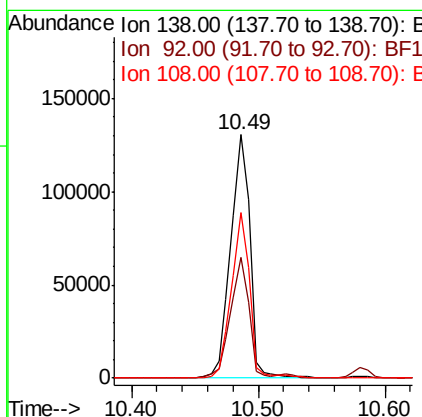
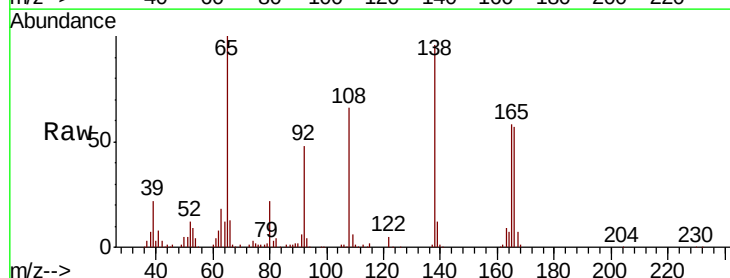
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

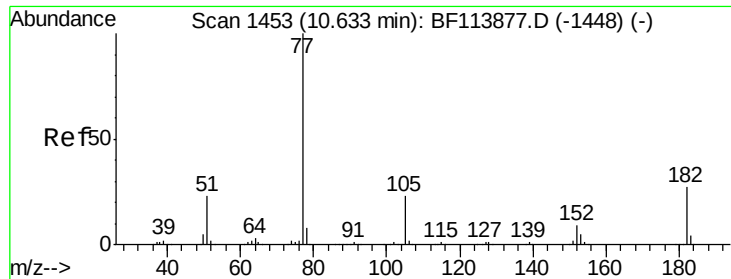
Tot Ion:204 Resp: 276679
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 57.3 42.6 63.8



#62
4-Nitroaniline
Concen: 49.427 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:138 Resp: 137369
Ion Ratio Lower Upper
138 100
92 49.6 31.3 71.3
108 68.0 48.9 88.9

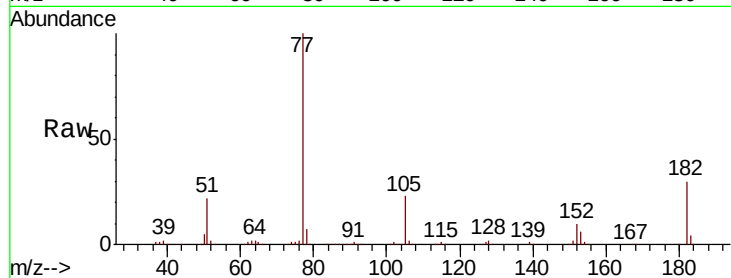




#63
Azobenzene
Concen: 45.104 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	524418
Ion	Ratio	Lower	Upper
77	100		
182	29.7	4.4	44.4
105	22.8	2.2	42.2
51	22.4	3.9	43.9



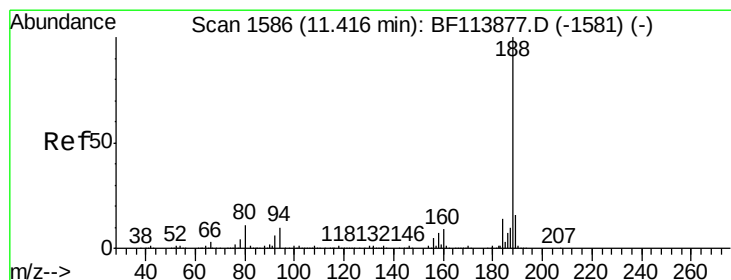
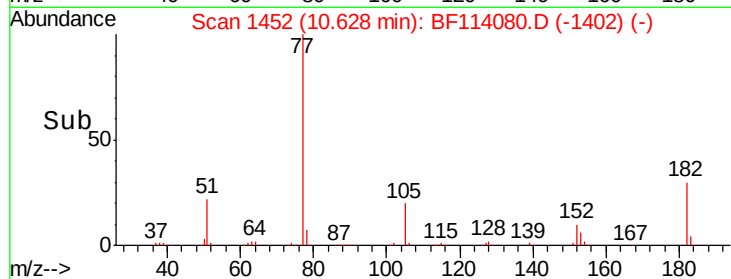
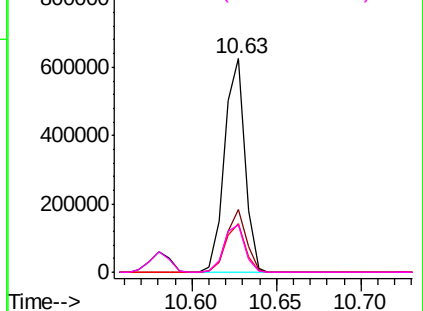
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

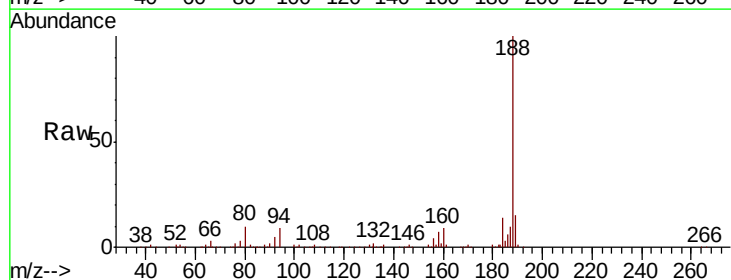
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:	188	Resp:	365792
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	10.3	9.0	13.6

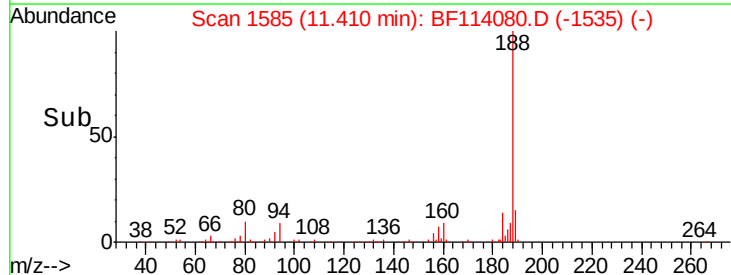
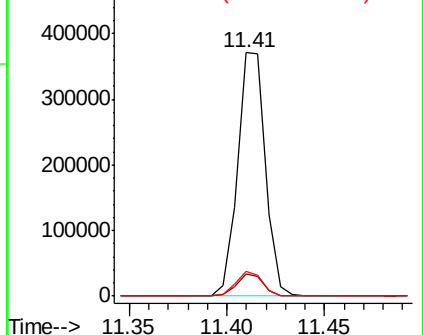


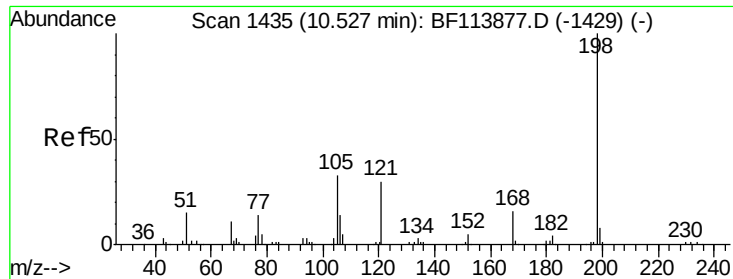
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

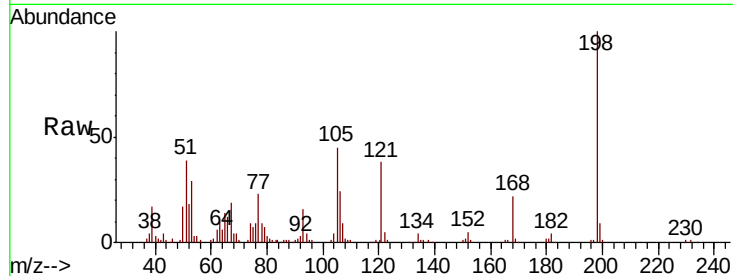




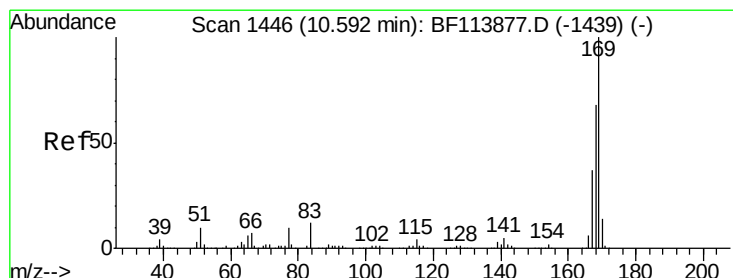
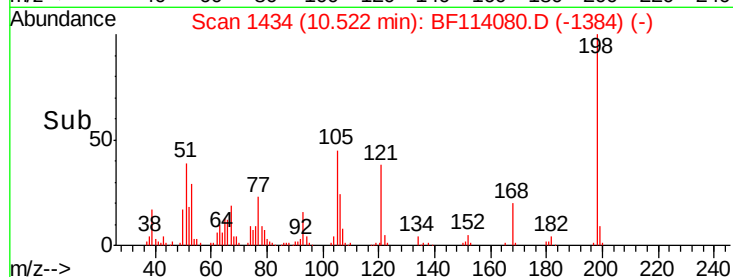
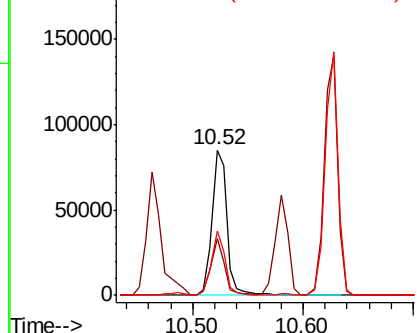
#65
4,6-Dinitro-2-methylphenol
Concen: 46.752 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 78008
Ion Ratio Lower Upper
198 100
51 39.2 11.1 51.1
105 44.7 20.7 60.7

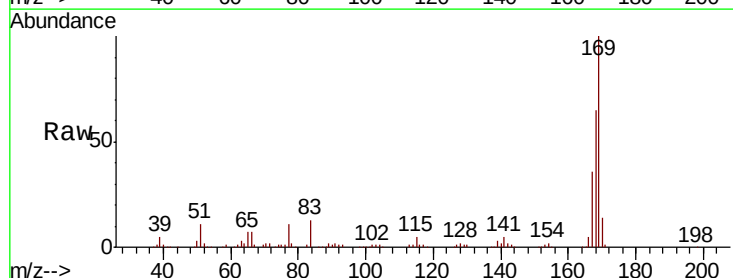


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

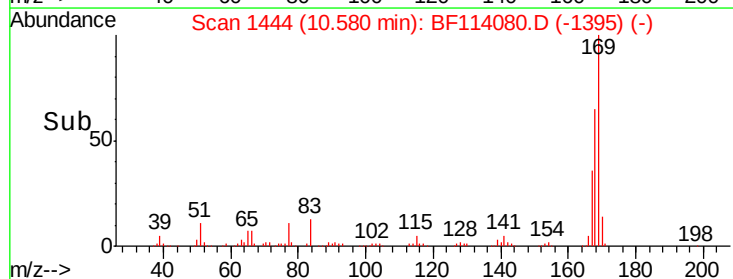
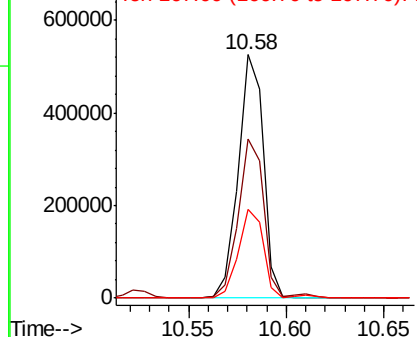


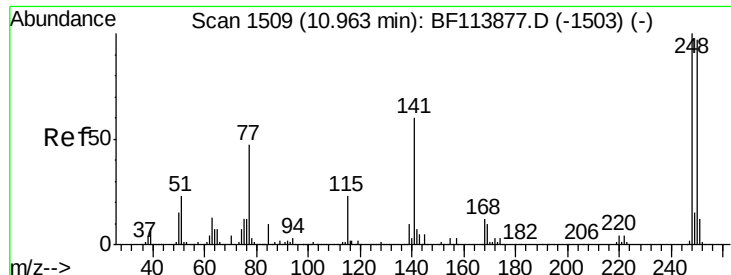
#66
n-Nitrosodiphenylamine
Concen: 42.799 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:169 Resp: 469752
Ion Ratio Lower Upper
169 100
168 65.4 54.3 81.5
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

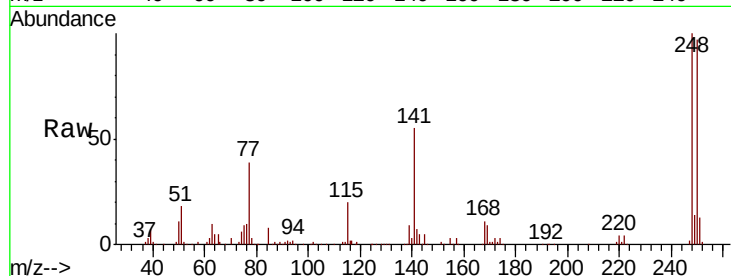




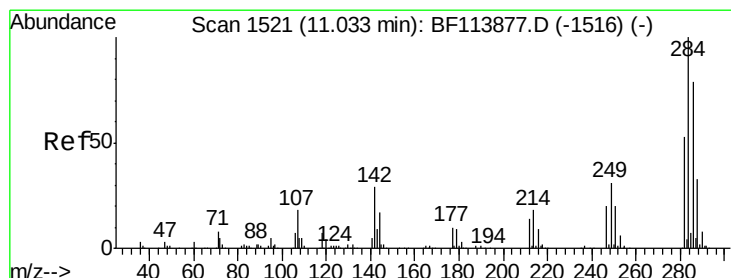
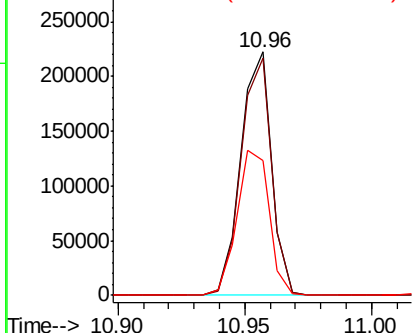
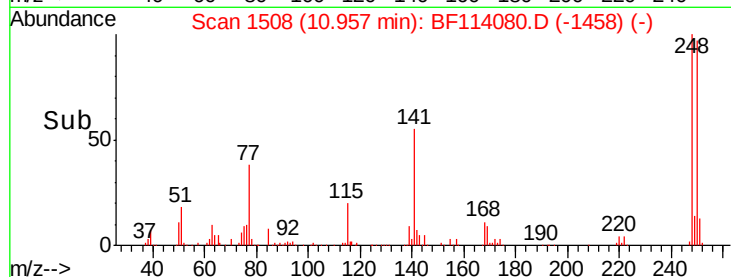
#67
 4-Bromophenyl-phenylether
 Concen: 42.419 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 187447
 Ion Ratio Lower Upper
 248 100
 250 97.3 75.8 113.6
 141 55.3 50.2 75.4

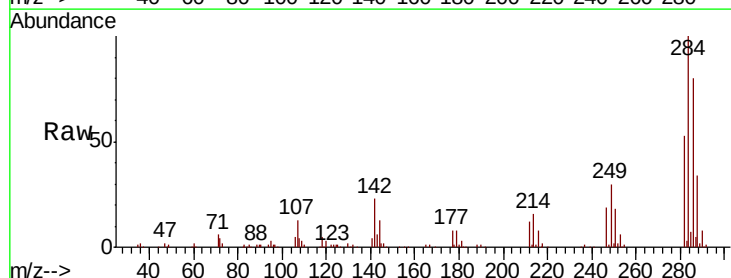


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

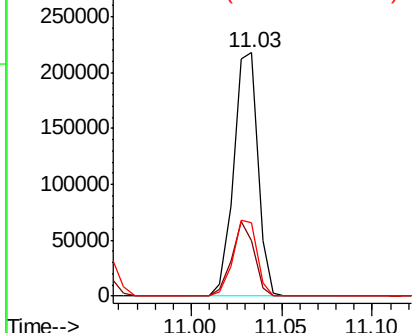
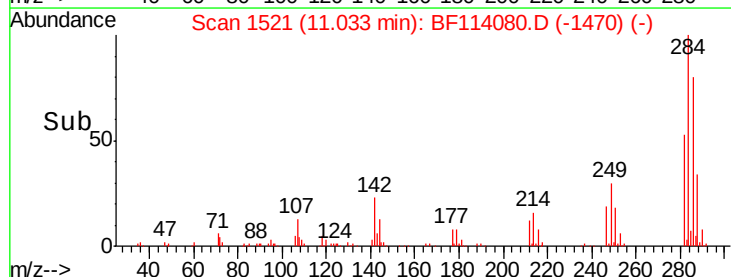


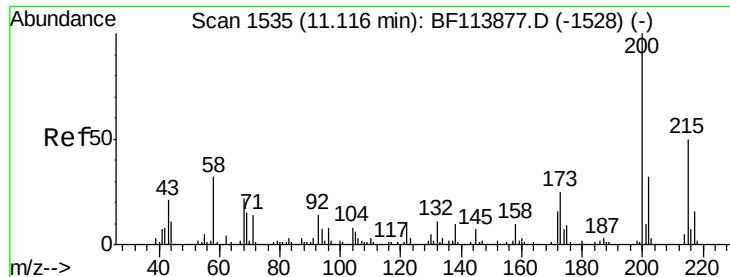
#68
 Hexachlorobenzene
 Concen: 41.904 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF114080.D
 Acq: 2 May 2019 12:20

Tgt Ion:284 Resp: 203483
 Ion Ratio Lower Upper
 284 100
 142 22.7 23.0 34.4#
 249 30.0 24.4 36.6



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: 39.976 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

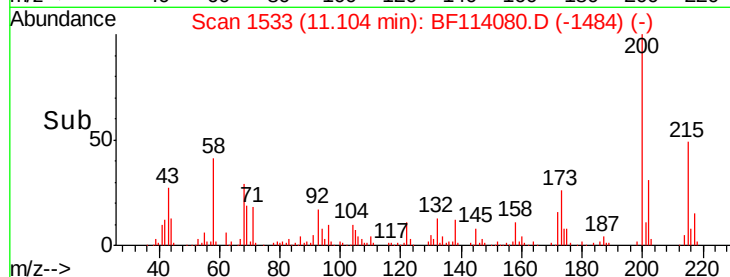
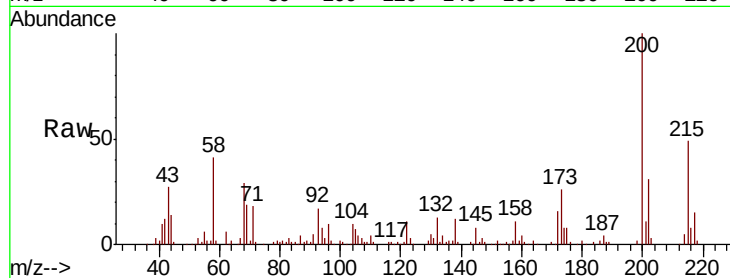
Tot Ion:200 Resp: 142732

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

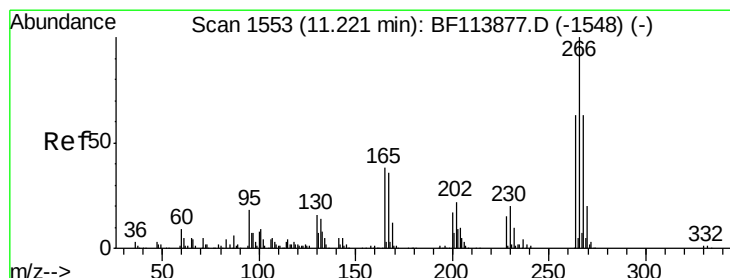
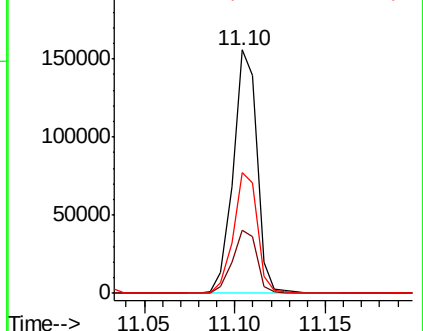
215 49.4 29.3 69.3



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: 35.187 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

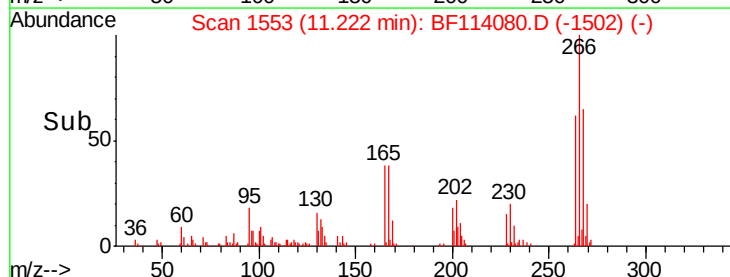
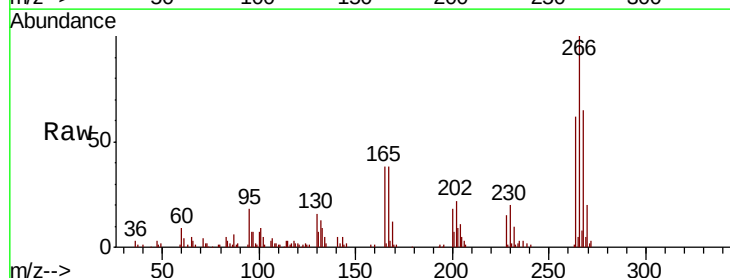
Tgt Ion:266 Resp: 96742

Ion Ratio Lower Upper

266 100

268 64.9 53.5 80.3

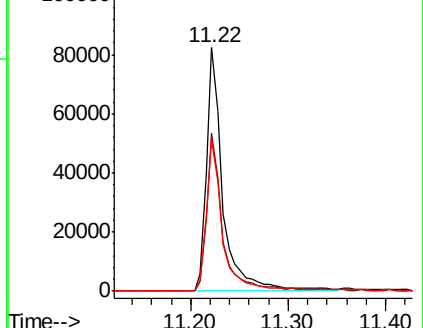
264 62.4 51.0 76.6

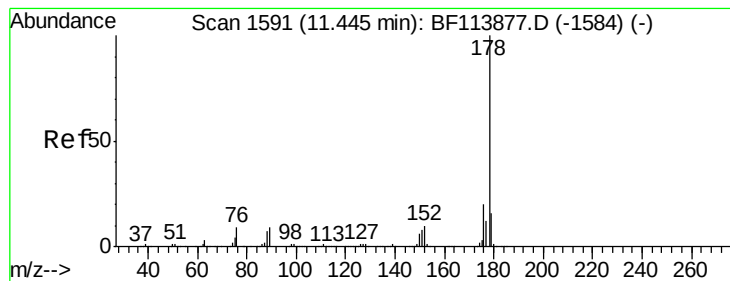


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.429 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

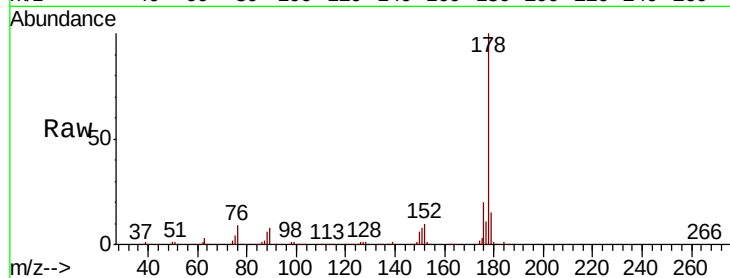
Tot Ion:178 Resp: 816752

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

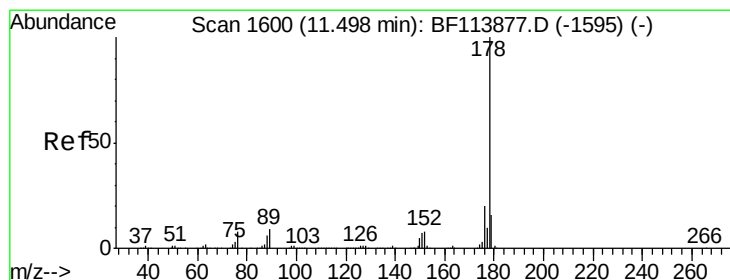
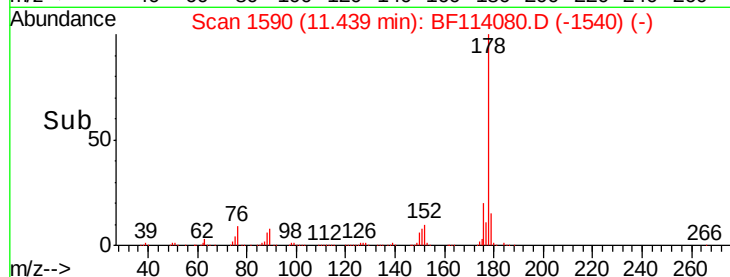
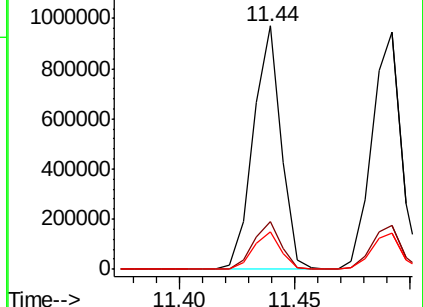
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.684 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

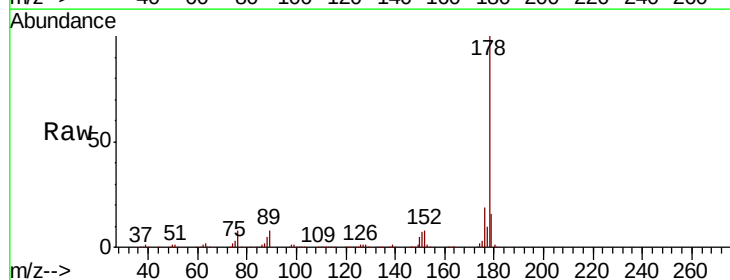
Tgt Ion:178 Resp: 829502

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

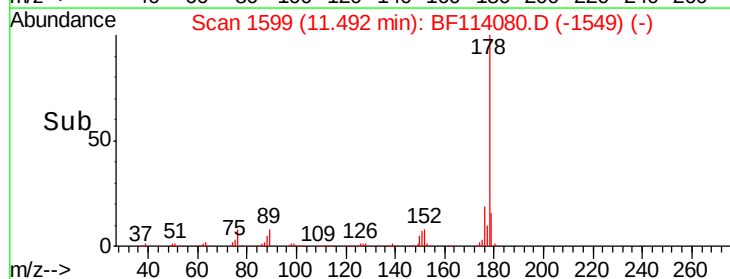
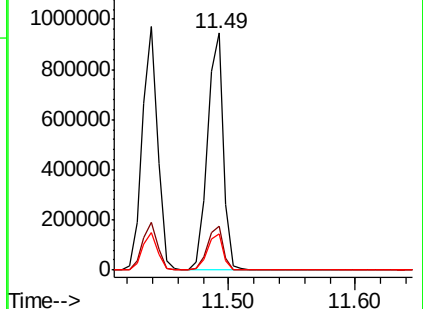
179 15.5 13.0 19.4

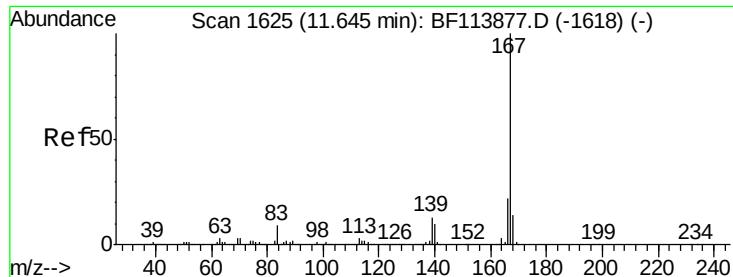


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.123 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

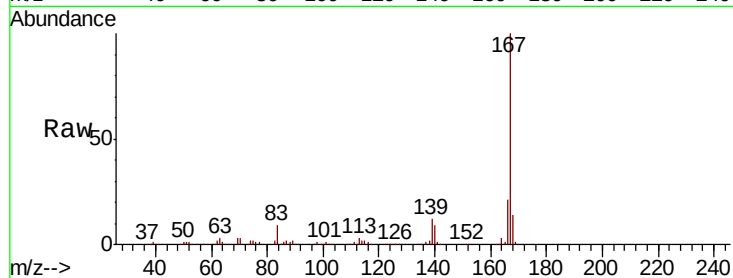
Tot Ion:167 Resp: 763877

Ion Ratio Lower Upper

167 100

166 21.4 17.7 26.5

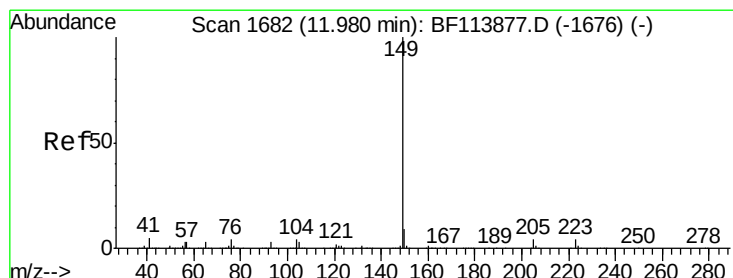
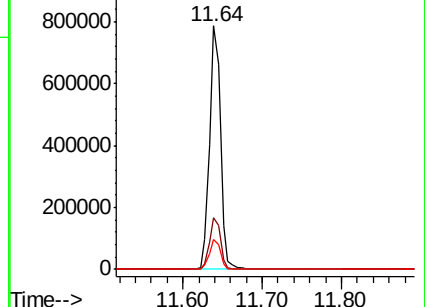
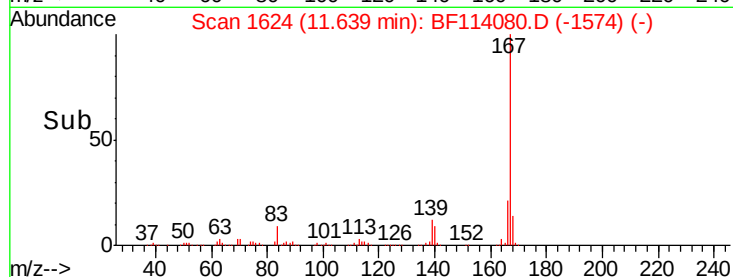
139 12.4 10.0 15.0



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: 48.938 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

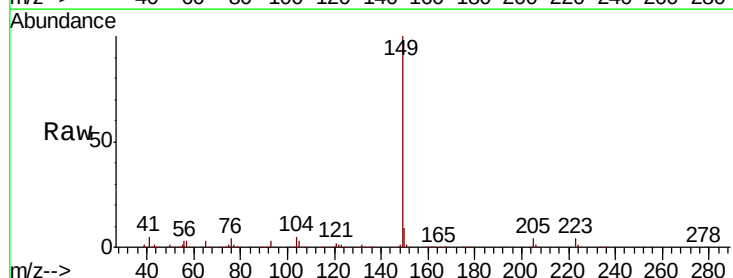
Tgt Ion:149 Resp: 953419

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

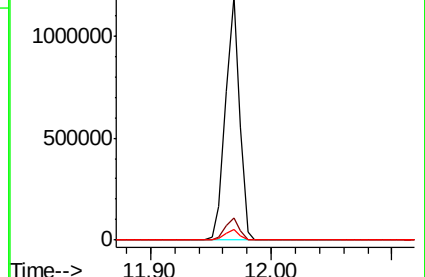
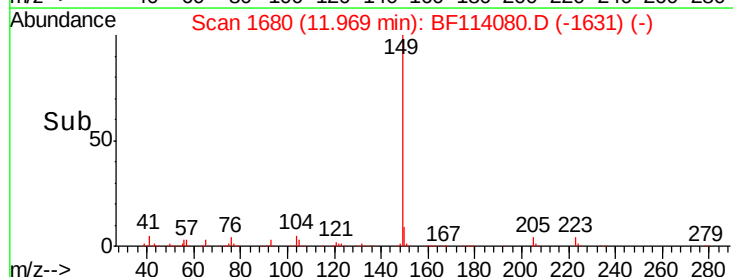
104 4.6 3.8 5.8

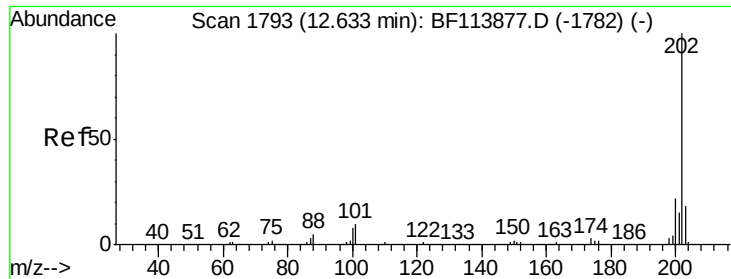


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.229 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

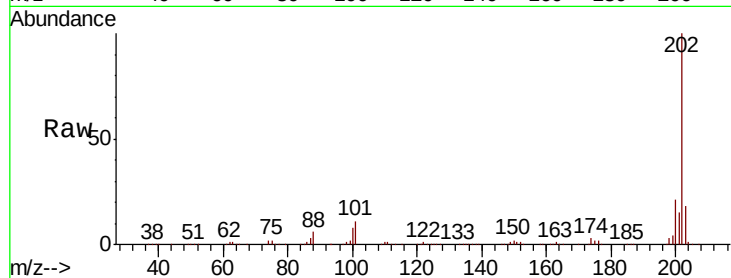
Tot Ion:202 Resp: 907141

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.9

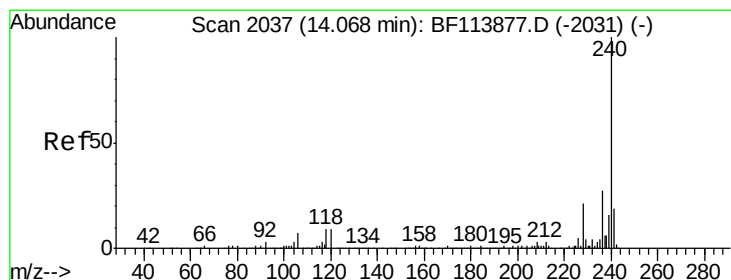
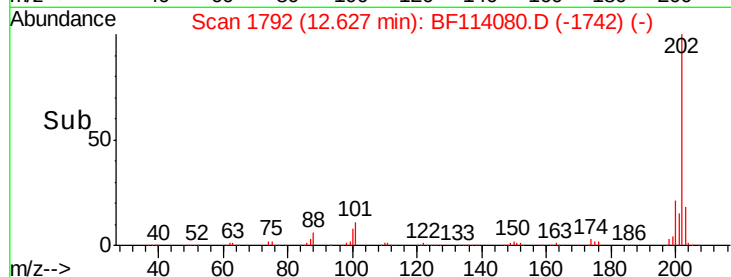
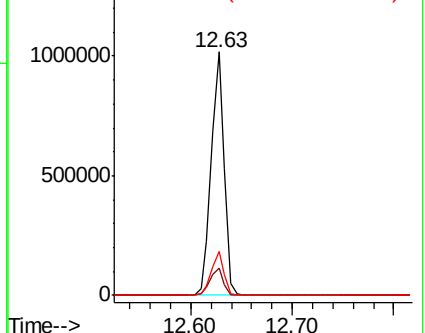
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

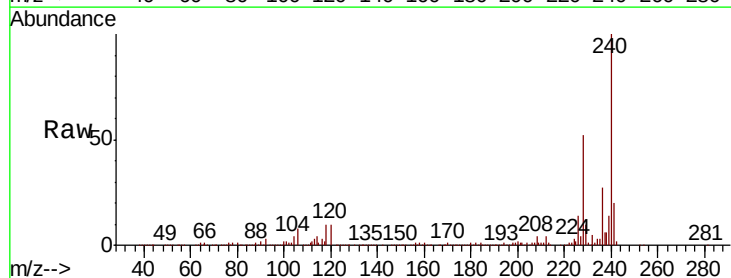
Tgt Ion:240 Resp: 334697

Ion Ratio Lower Upper

240 100

120 10.2 9.3 13.9

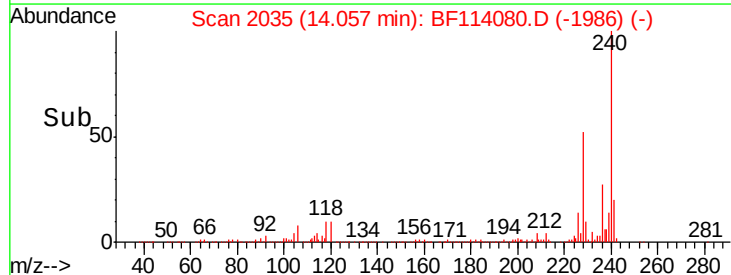
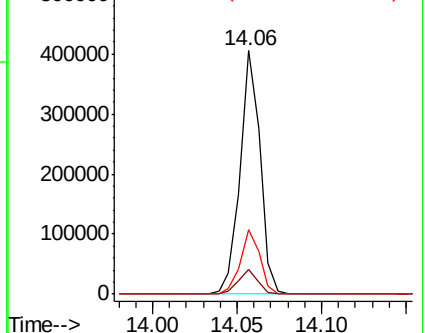
236 26.5 21.2 31.8

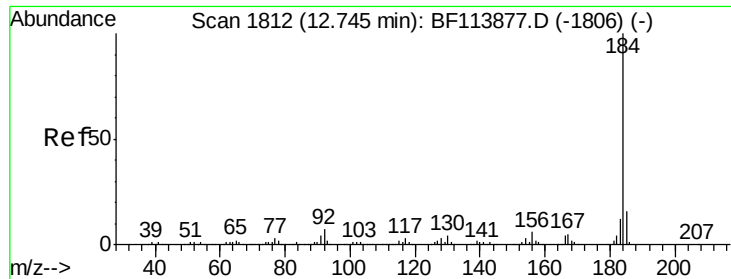


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.089 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

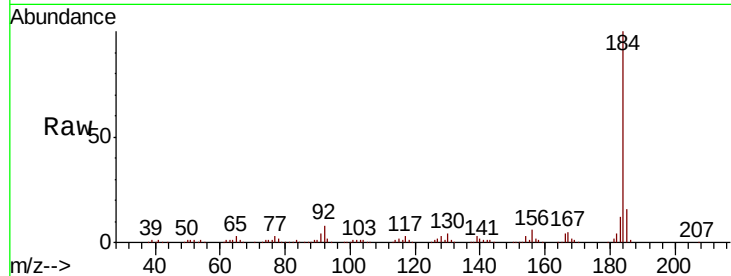
Tot Ion:184 Resp: 379842

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.6

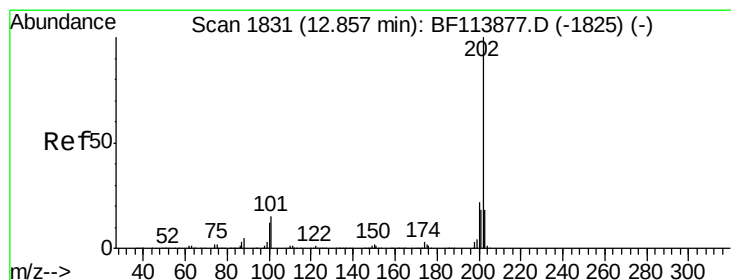
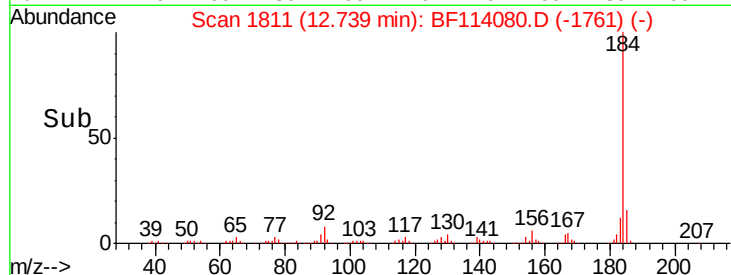
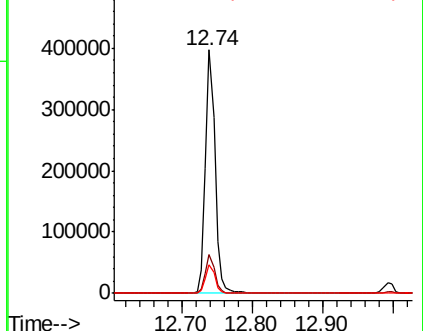
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.440 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

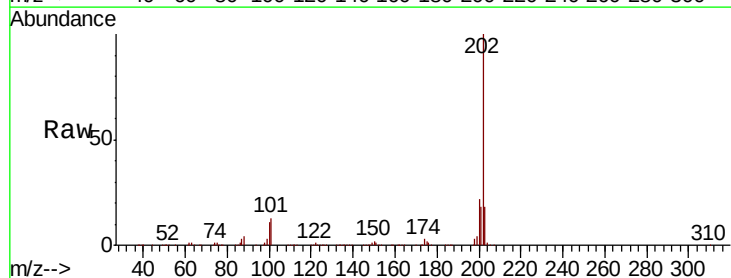
Tgt Ion:202 Resp: 923136

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

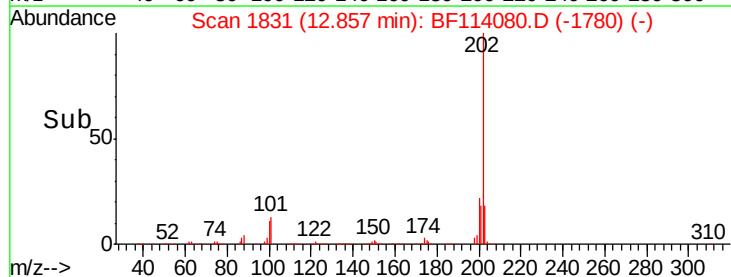
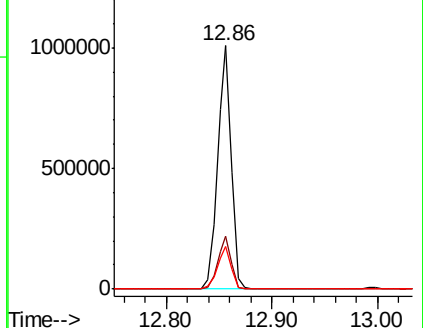
203 17.6 15.0 22.6

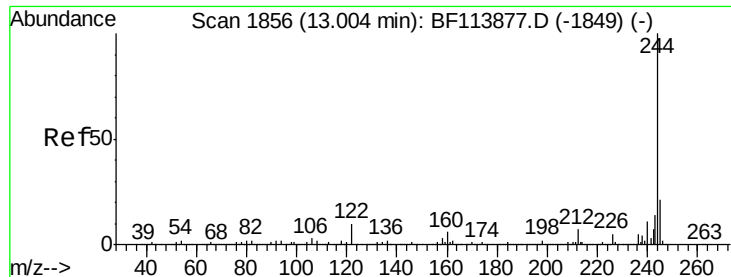


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.394 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

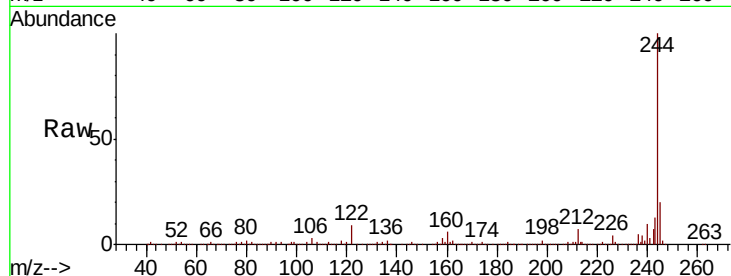
Tot Ion:244 Resp: 1475733

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

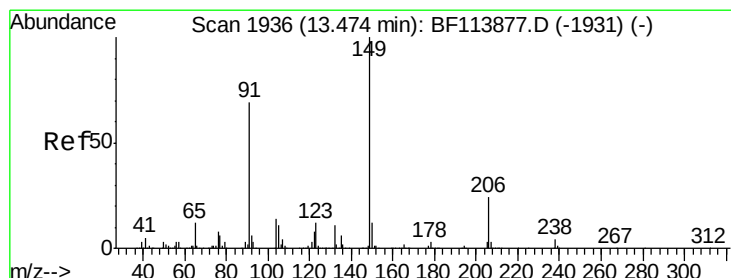
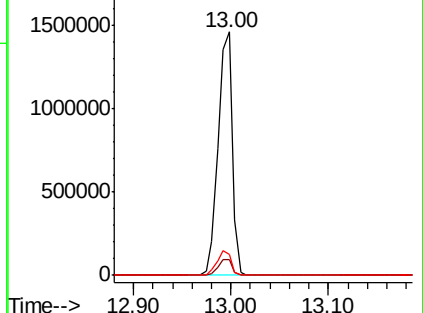
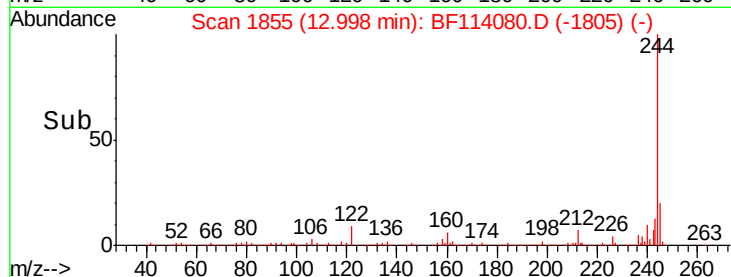
122 8.6 7.6 11.4



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: 44.369 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

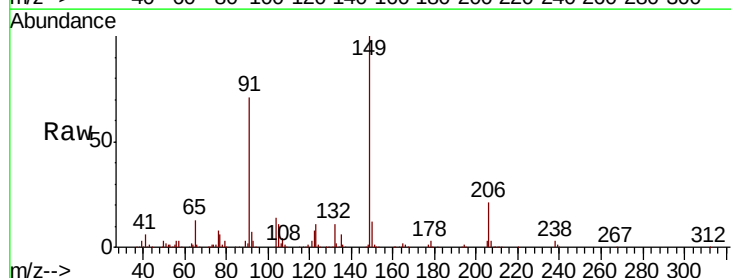
Tgt Ion:149 Resp: 408592

Ion Ratio Lower Upper

149 100

91 70.7 56.3 84.5

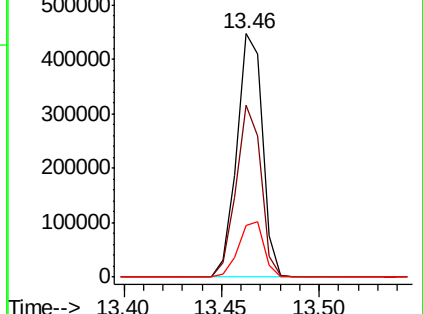
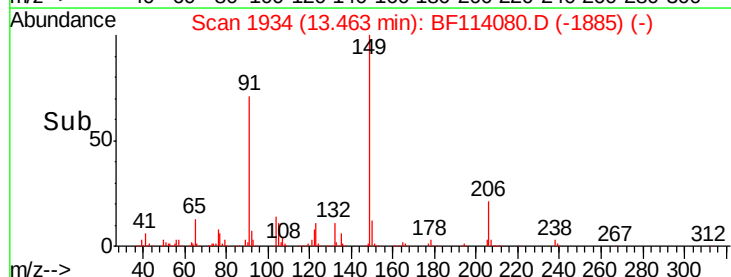
206 21.0 19.0 28.6

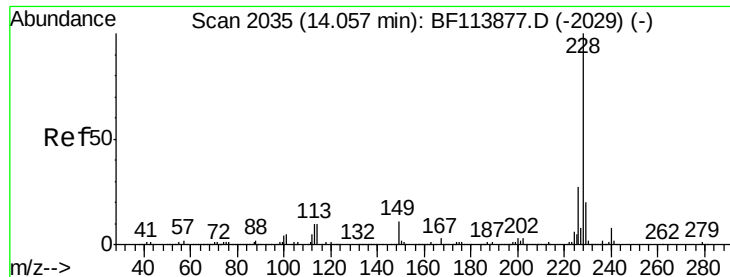


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

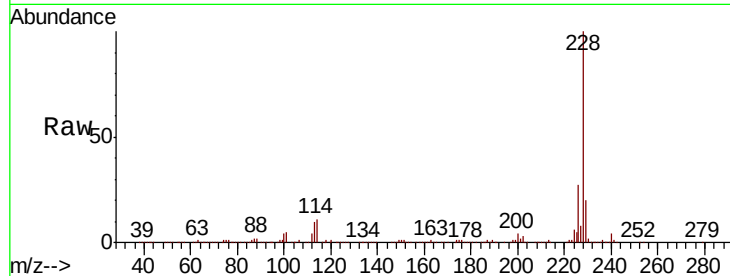




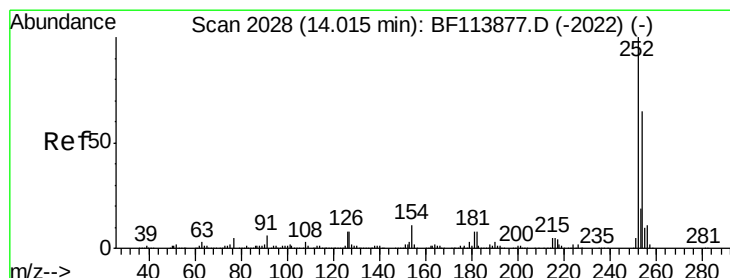
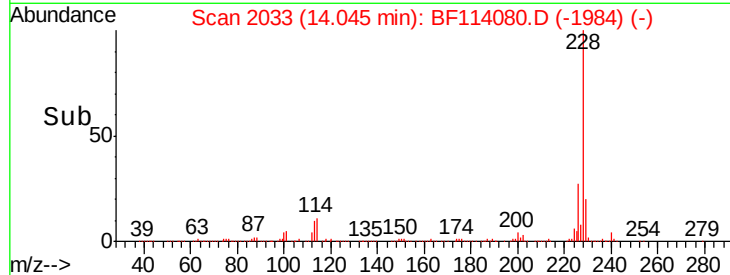
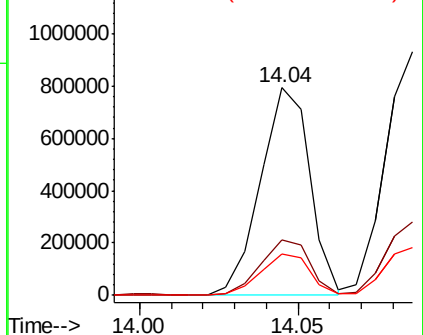
#81
Benzo(a)anthracene
Concen: 43.589 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 859572
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 19.8 16.0 24.0

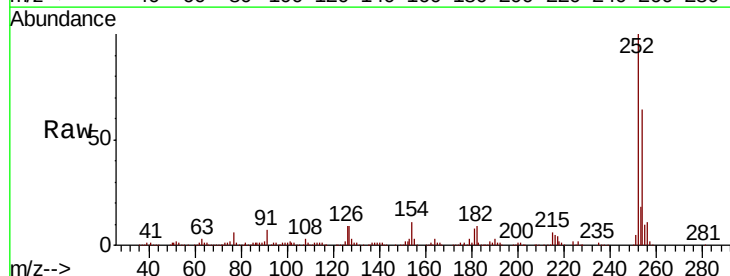


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

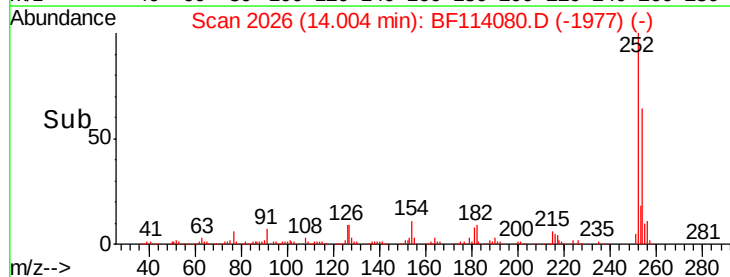
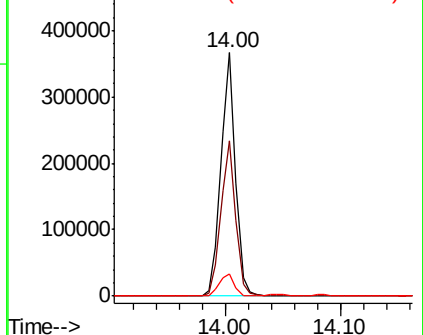


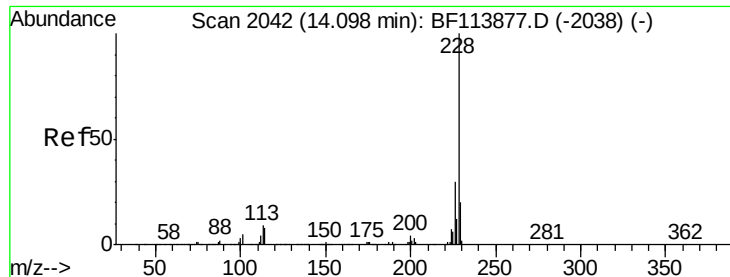
#82
3,3'-Dichlorobenzidine
Concen: 44.446 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion:252 Resp: 321250
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 8.9 9.3 13.9#



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: 43.201 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

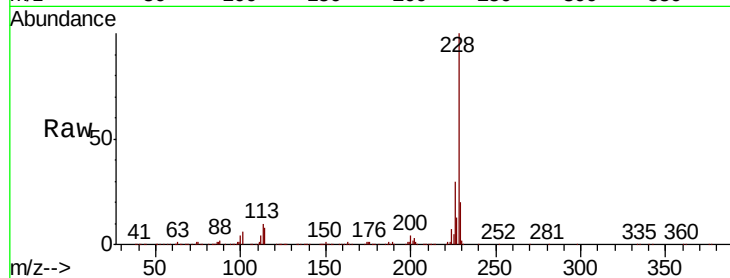
Tot Ion:228 Resp: 829681

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

229 19.8 16.7 25.1

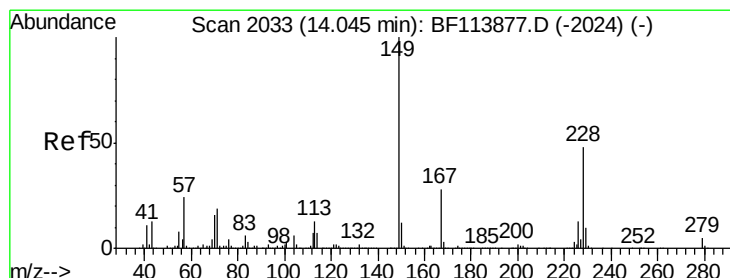
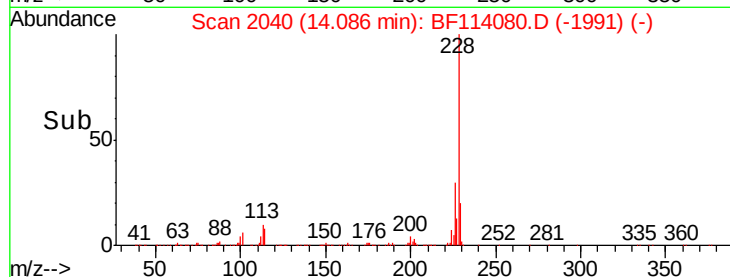
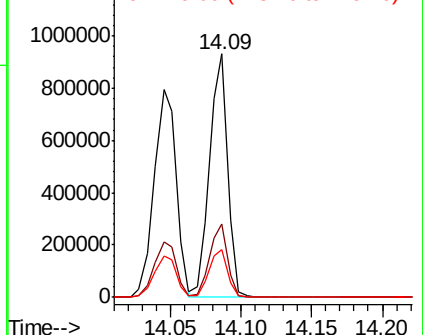


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.915 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

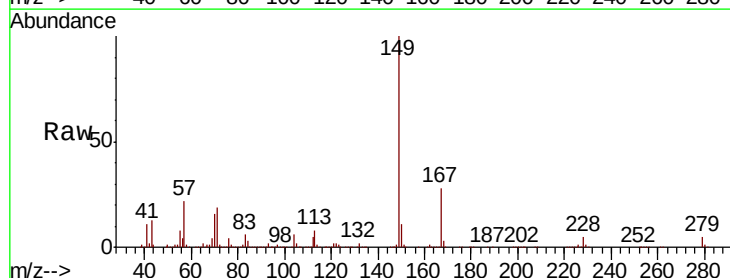
Tgt Ion:149 Resp: 584839

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

279 4.5 4.2 6.2

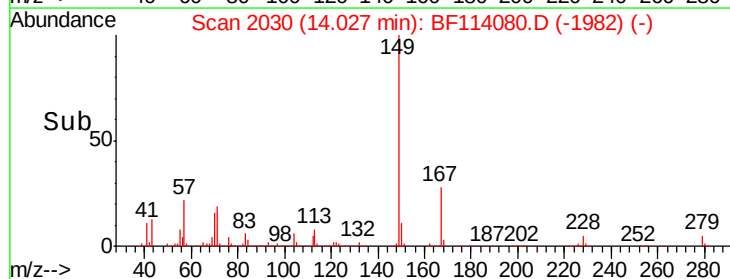
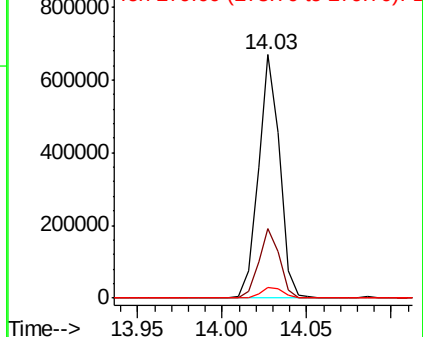


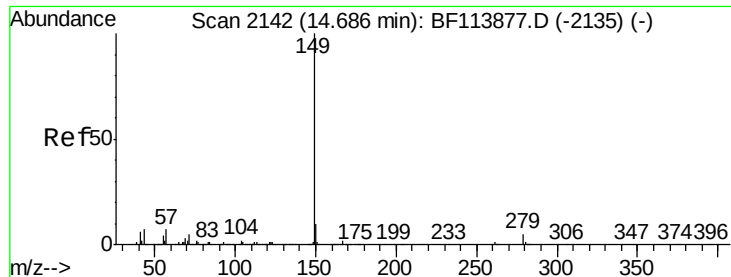
Abundance

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: 51.989 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

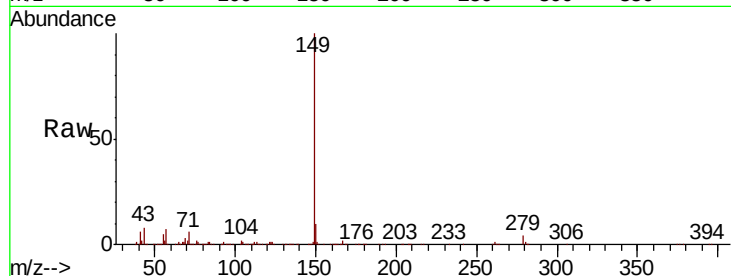
Tot Ion:149 Resp: 953448

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

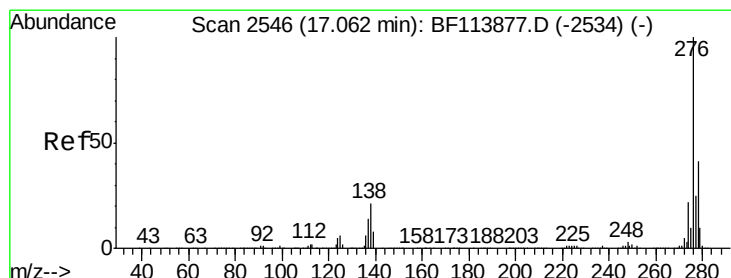
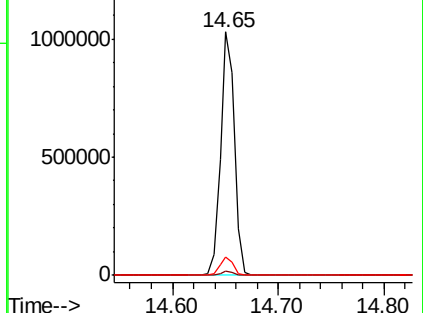
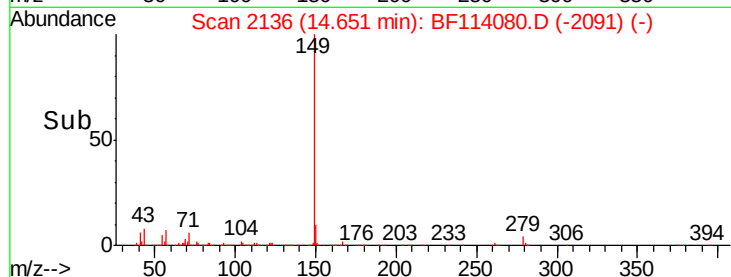
43 7.3 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.966 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

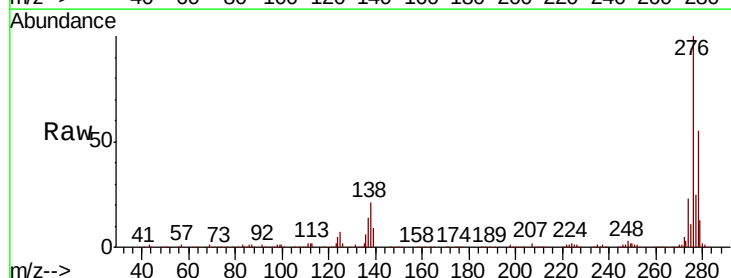
Tgt Ion:276 Resp: 636093

Ion Ratio Lower Upper

276 100

138 22.6 19.6 29.4

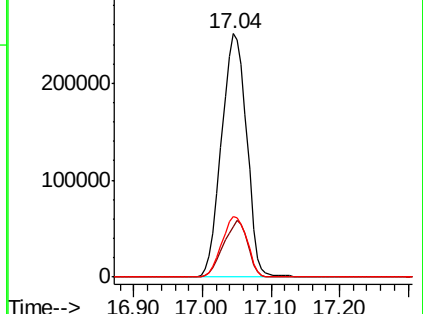
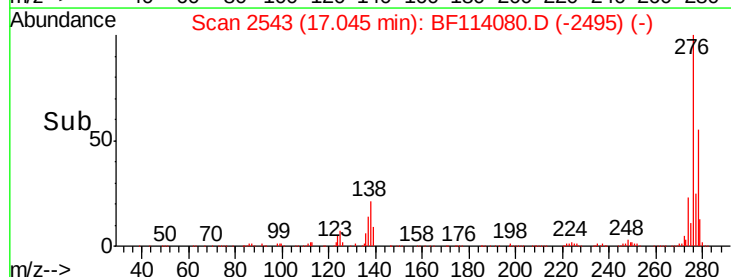
277 25.1 20.2 30.4

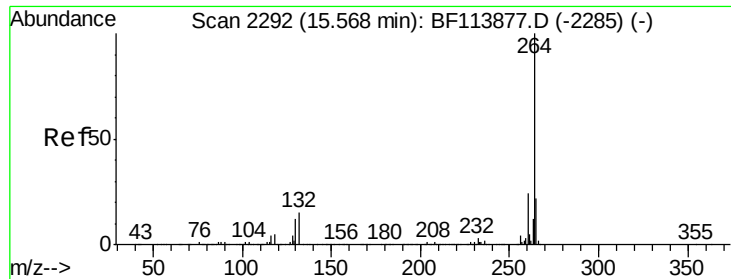


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

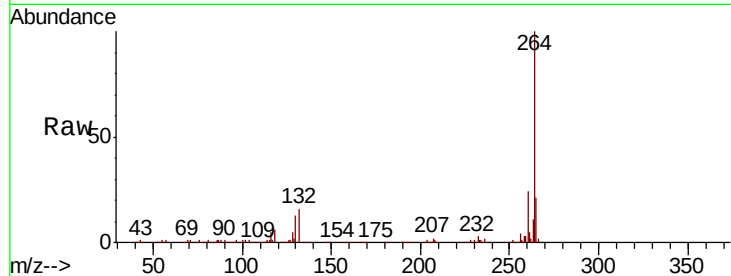
Tot Ion:264 Resp: 285254

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

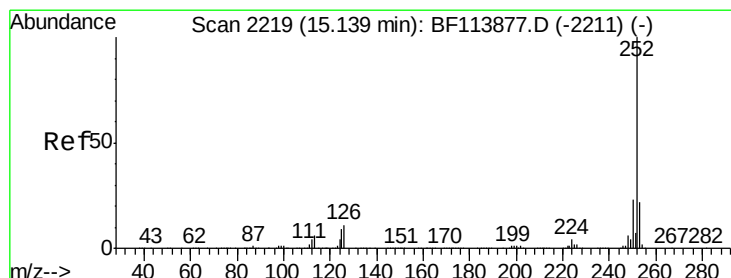
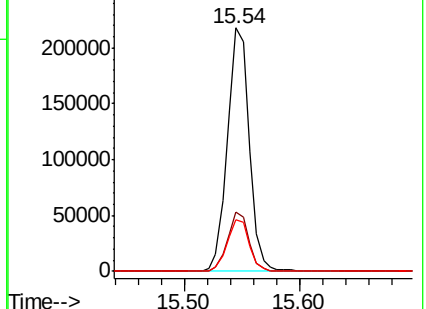
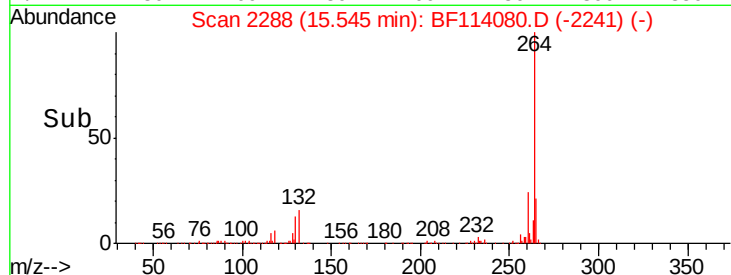
265 21.1 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 41.769 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF114080.D

Acq: 2 May 2019 12:20

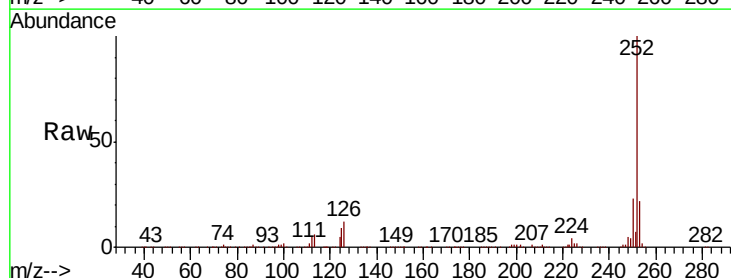
Tgt Ion:252 Resp: 753833

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

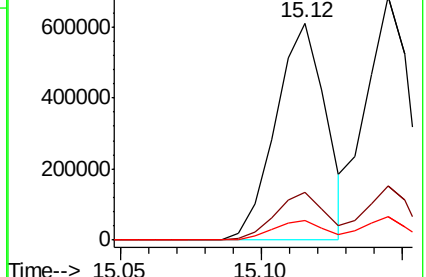
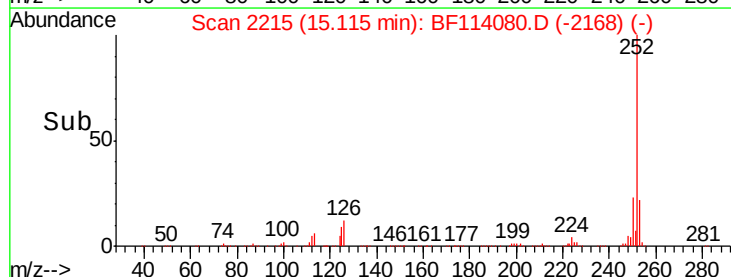
125 9.1 7.0 10.6

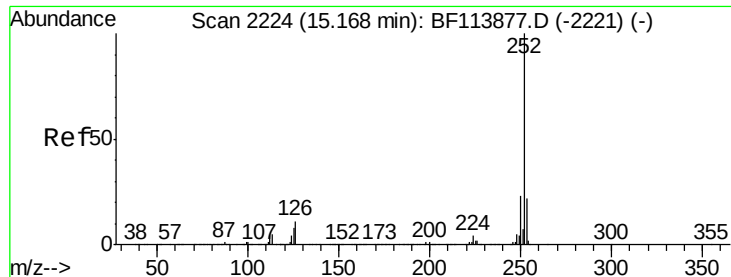


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

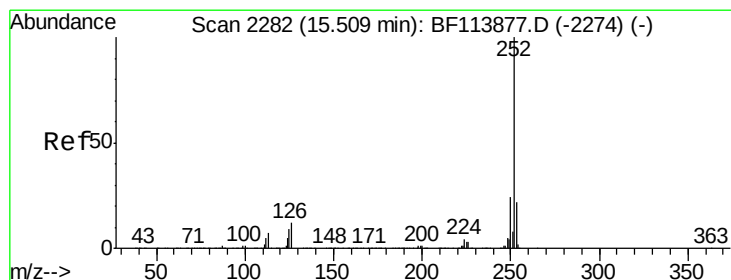
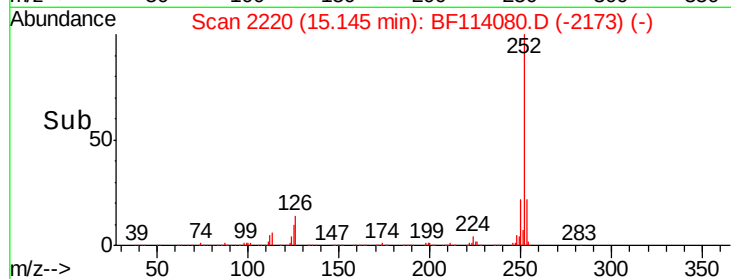
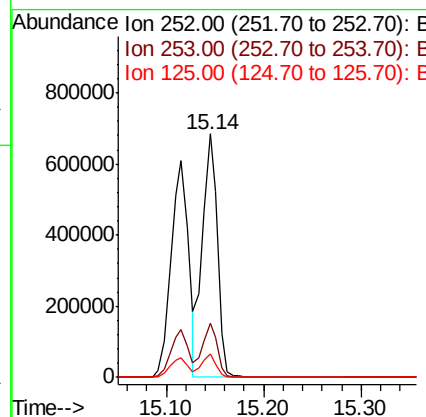
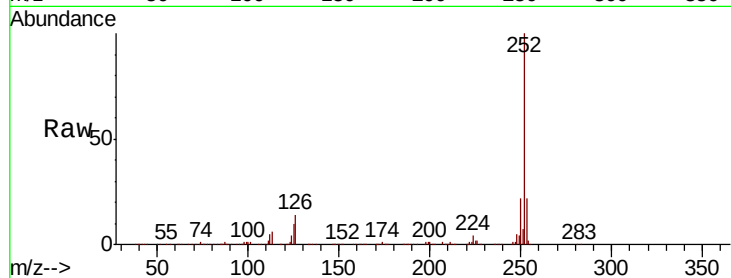




#89
Benzo(k)fluoranthene
Concen: 47.121 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

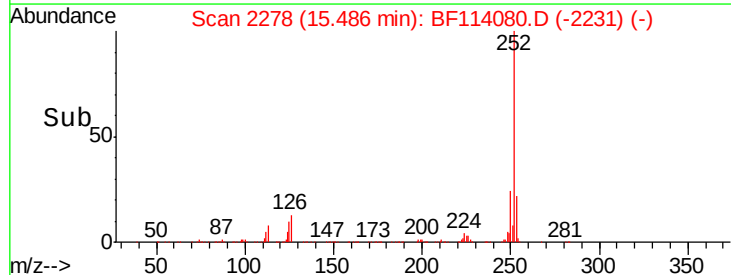
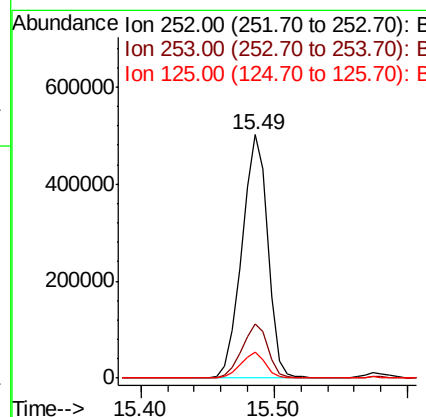
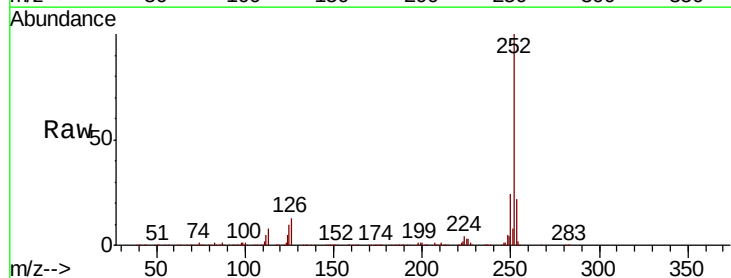
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

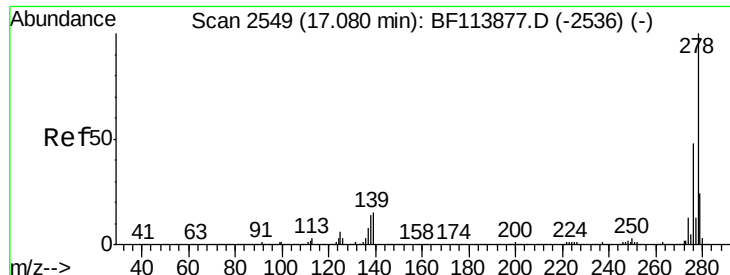
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.6	7.4	11.2



#90
Benzo(a)pyrene
Concen: 43.166 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.5	8.5	12.7

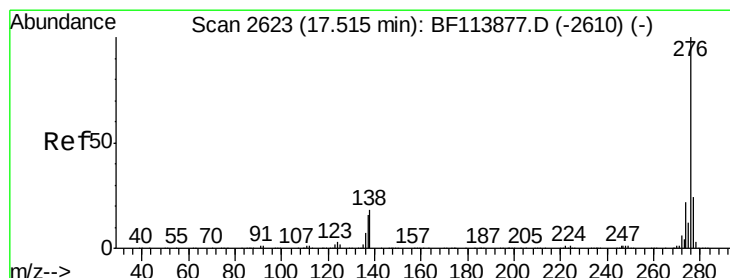
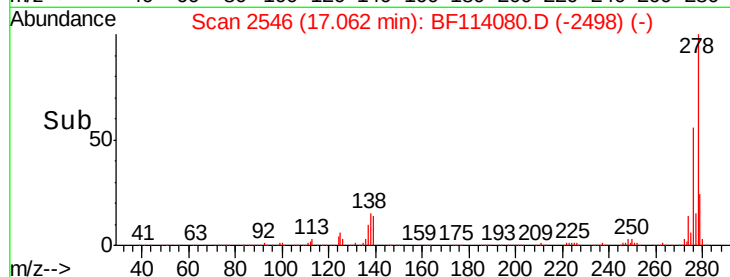
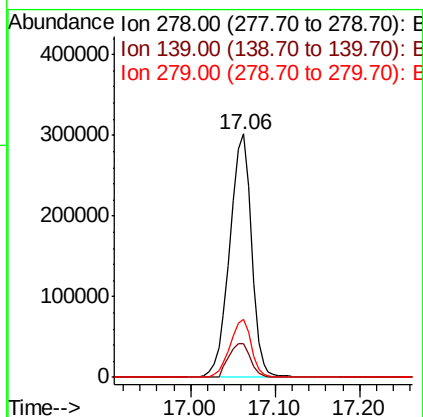
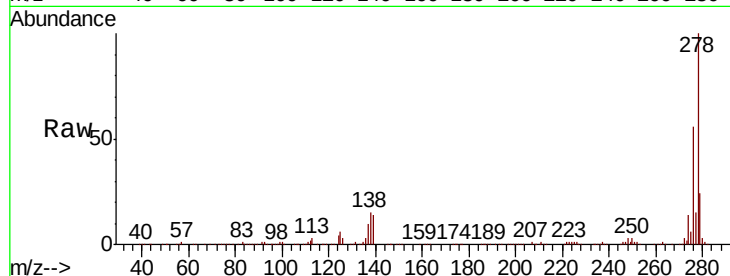




#91
Dibenzo(a,h)anthracene
Concen: 36.630 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.6	17.4
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 33.306 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF114080.D
Acq: 2 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	19.7	16.6	25.0

