

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091877.D
 Acq On : 22 Dec 2016 11:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 23 00:31:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	308515	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1259677	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	678181	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	1132373	20.00	ng	0.00
75) Chrysene-d12	13.91	240	828066	20.00	ng	0.00
86) Perylene-d12	15.30	264	724054	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1365742	73.92	ng	0.00
7) Phenol-d6	6.41	99	1838426	81.50	ng	0.00
23) Nitrobenzene-d5	7.32	82	1757939	77.60	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	426653	76.02	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2539369	75.24	ng	0.00
78) Terphenyl-d14	12.85	244	2259549	66.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	390556	42.93	ng	98
3) Pyridine	2.97	79	1197315	37.71	ng	98
4) n-Nitrosodimethylamine	2.93	42	426202	35.59	ng	99
6) Aniline	6.41	93	1121632	38.28	ng	# 68
8) 2-Chlorophenol	6.53	128	807959	38.44	ng	98
9) Benzaldehyde	6.29	77	540744	43.30	ng	97
10) Phenol	6.42	94	1121800	43.64	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	800137	39.12	ng	99
12) 1,3-Dichlorobenzene	6.68	146	876615	39.07	ng	# 89
13) 1,4-Dichlorobenzene	6.76	146	837352	36.67	ng	100
14) 1,2-Dichlorobenzene	6.92	146	812692	41.01	ng	98
15) Benzyl Alcohol	6.90	79	633380	36.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1167394	38.33	ng	95
17) 2-Methylphenol	7.02	107	676174	40.00	ng	97
18) Hexachloroethane	7.26	117	331245	39.12	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	567795	37.83	ng	100
20) 3+4-Methylphenols	7.18	107	824991	40.92	ng	# 70
22) Acetophenone	7.17	105	1217831	39.20	ng	# 96
24) Nitrobenzene	7.34	77	957247	39.67	ng	# 80
25) Isophorone	7.58	82	1661508	39.75	ng	99
26) 2-Nitrophenol	7.65	139	449716	37.80	ng	98
27) 2,4-Dimethylphenol	7.71	122	767490	38.89	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	943326	37.22	ng	99
29) 2,4-Dichlorophenol	7.90	162	686099	41.06	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	721145	39.38	ng	98
31) Naphthalene	8.05	128	2271628	39.40	ng	100
32) Benzoic acid	7.85	122	601961	41.12	ng	97
33) 4-Chloroaniline	8.11	127	971968	37.39	ng	98
34) Hexachlorobutadiene	8.18	225	376548	38.96	ng	100
35) Caprolactam	8.50	113	209091	38.08	ng	# 63
36) 4-Chloro-3-methylphenol	8.60	107	735321	38.24	ng	98
37) 2-Methylnaphthalene	8.75	142	1510479	42.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	615440	35.92	ng	99
40) Hexachlorocyclopentadiene	8.90	237	228123	32.39	ng	96

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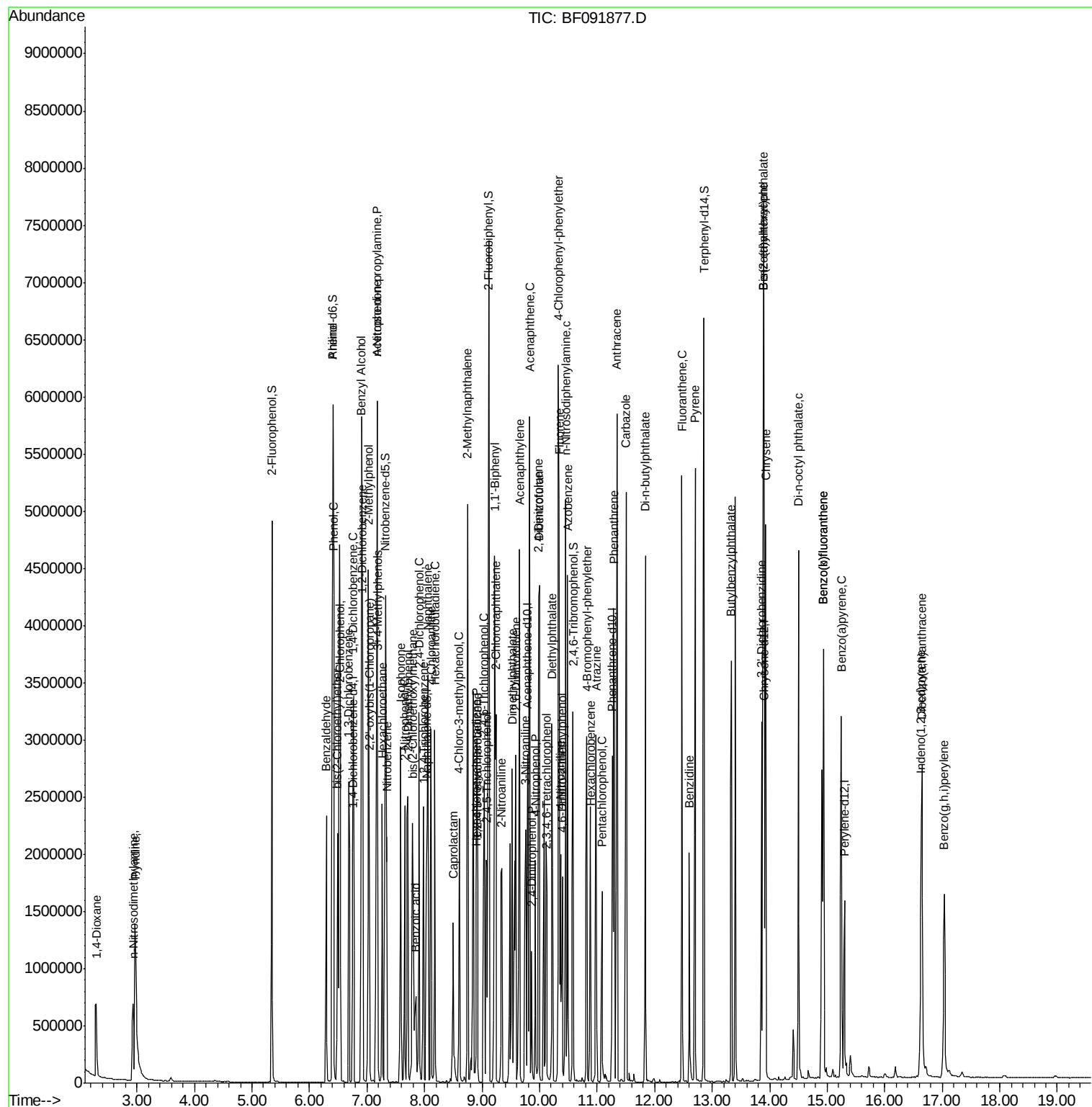
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	483056	40.31	ng	98
43) 2,4,5-Trichlorophenol	9.08	196	442462	35.88	ng	# 85
45) 1,1'-Biphenyl	9.22	154	1892723	40.76	ng	99
46) 2-Chloronaphthalene	9.24	162	1425001	38.75	ng	99
47) 2-Nitroaniline	9.33	65	504518	38.53	ng	98
48) Acenaphthylene	9.65	152	2217535	39.21	ng	99
49) Dimethylphthalate	9.53	163	1694860	39.07	ng	100
50) 2,6-Dinitrotoluene	9.58	165	394111	41.51	ng	92
51) Acenaphthene	9.82	154	1403547	36.61	ng	99
52) 3-Nitroaniline	9.76	138	509043	43.33	ng	82
53) 2,4-Dinitrophenol	9.86	184	184937	35.01	ng	# 86
54) Dibenzofuran	10.00	168	1899362	36.68	ng	96
55) 4-Nitrophenol	9.93	139	316174	39.63	ng	89
56) 2,4-Dinitrotoluene	9.98	165	445029	37.35	ng	92
57) Fluorene	10.34	166	1608919	42.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	366234	37.55	ng	98
59) Diethylphthalate	10.21	149	1585637	37.64	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	620759	37.63	ng	95
61) 4-Nitroaniline	10.36	138	503311	41.34	ng	95
62) Azobenzene	10.49	77	1867782	40.27	ng	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	298890	43.65	ng	88
65) n-Nitrosodiphenylamine	10.45	169	1400383	41.68	ng	100
66) 4-Bromophenyl-phenylether	10.82	248	470787	39.97	ng	# 87
67) Hexachlorobenzene	10.89	284	488735	38.82	ng	# 86
68) Atrazine	10.98	200	343156	31.66	ng	99
69) Pentachlorophenol	11.08	266	252244	40.83	ng	99
70) Phenanthrene	11.29	178	2262624	36.85	ng	98
71) Anthracene	11.35	178	2226606	39.13	ng	100
72) Carbazole	11.51	167	2196990	42.33	ng	100
73) Di-n-butylphthalate	11.84	149	2265592	38.33	ng	100
74) Fluoranthene	12.48	202	2099330	38.41	ng	100
76) Benzidine	12.60	184	763984	34.18	ng	99
77) Pyrene	12.71	202	2247248	36.99	ng	99
79) Butylbenzylphthalate	13.33	149	1124788	40.71	ng	# 83
80) Benzo(a)anthracene	13.89	228	1615376	34.56	ng	100
81) 3,3'-Dichlorobenzidine	13.86	252	625302	35.28	ng	97
82) Chrysene	13.93	228	1666393	35.54	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1202395	36.95	ng	# 96
84) Di-n-octyl phthalate	14.50	149	2253048	37.38	ng	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1567192	38.58	ng	97
87) Benzo(b)fluoranthene	14.93	252	3194186	70.86	ng	99
88) Benzo(k)fluoranthene	14.93	252	3194186	83.09	ng	99
89) Benzo(a)pyrene	15.24	252	1501619	37.53	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	1305968	39.71	ng	97
91) Benzo(g,h,i)perylene	17.04	276	1326912	38.80	ng	# 94

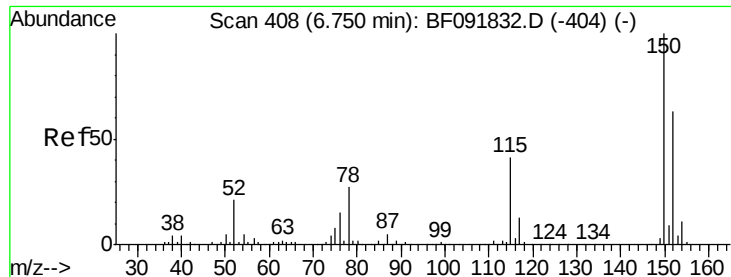
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

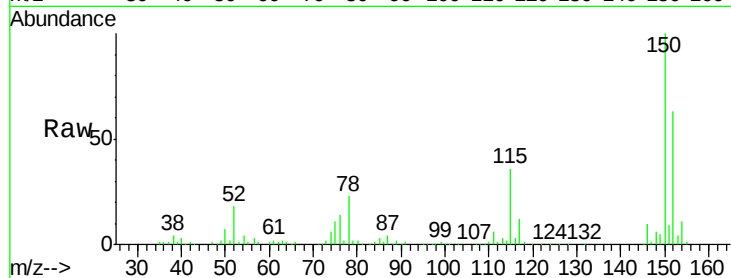
Tgt Ion:152 Resp: 308515

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

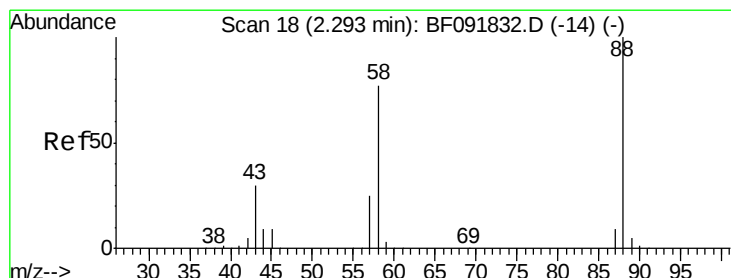
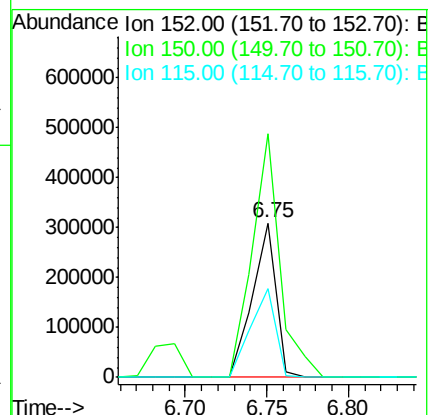
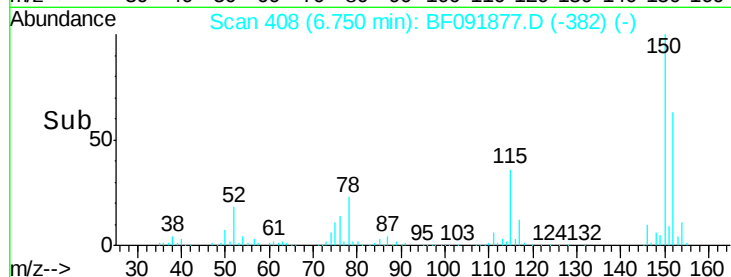
115 57.4 46.0 69.0



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: 42.93 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

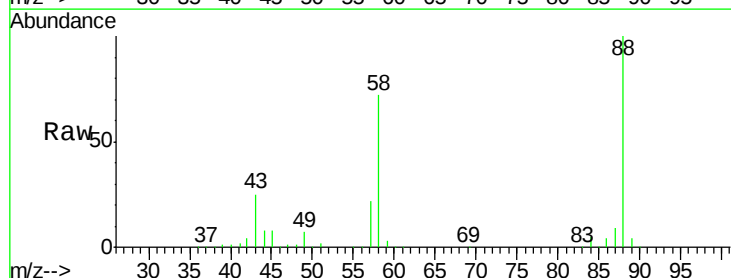
Tgt Ion: 88 Resp: 390556

Ion Ratio Lower Upper

88 100

58 73.3 57.8 86.8

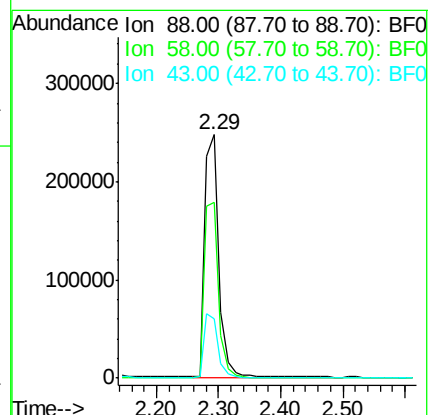
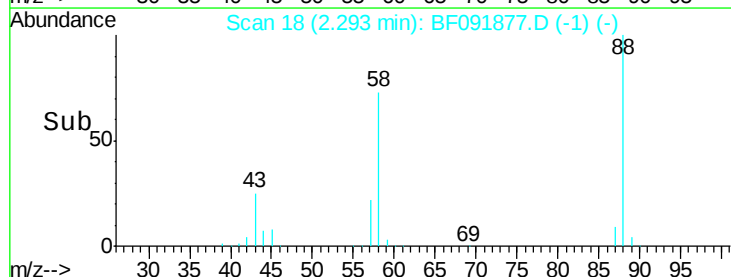
43 26.1 22.3 33.5

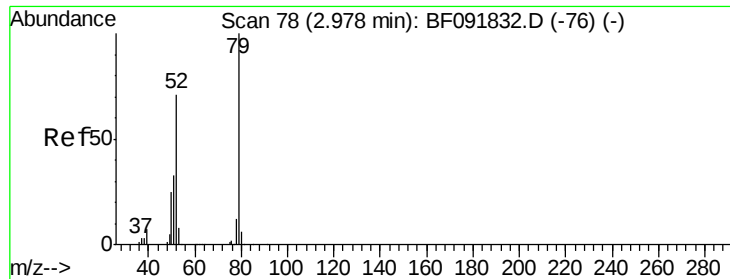


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.71 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

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SSTDCCC040

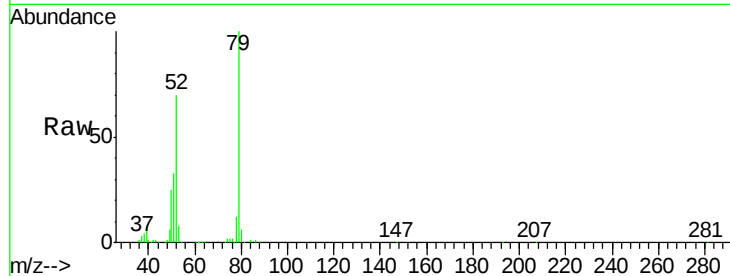
Tgt Ion: 79 Resp: 1197315

Ion Ratio Lower Upper

79 100

52 70.1 57.1 85.7

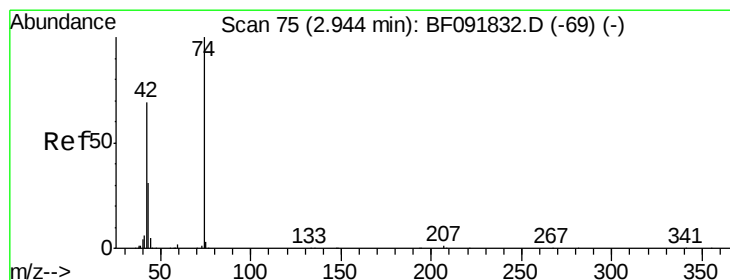
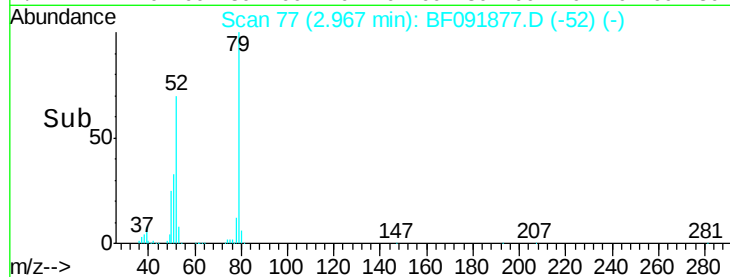
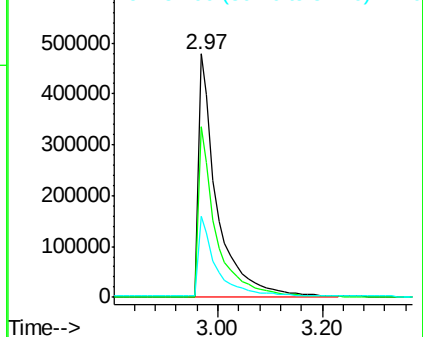
51 33.3 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.59 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

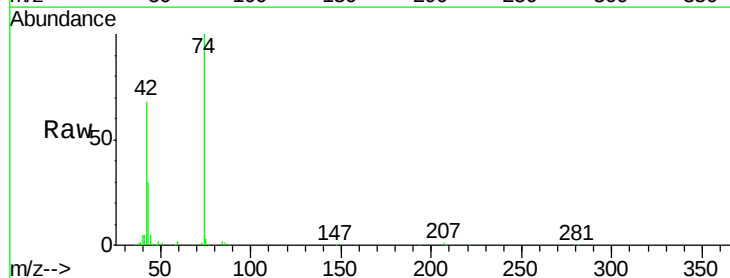
Tgt Ion: 42 Resp: 426202

Ion Ratio Lower Upper

42 100

74 147.9 117.0 175.4

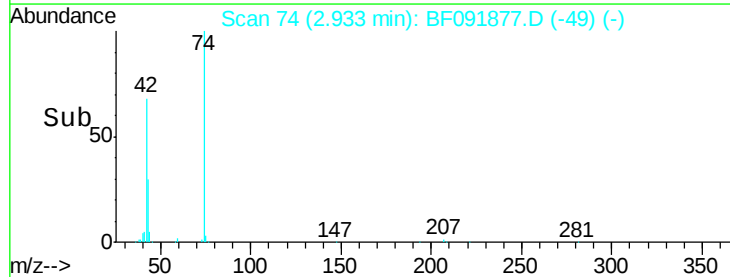
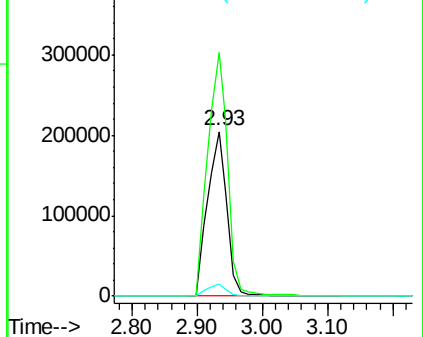
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.92 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091877.D

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Instrument :

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ClientSampleId :

SSTDCCC040

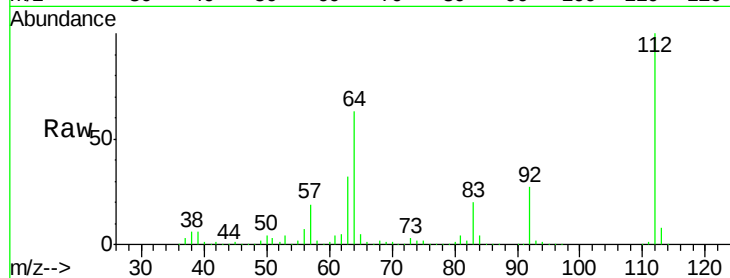
Tgt Ion: 112 Resp: 1365742

Ion Ratio Lower Upper

112 100

64 63.2 46.1 69.1

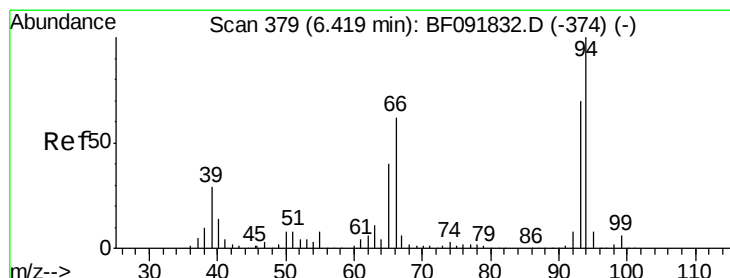
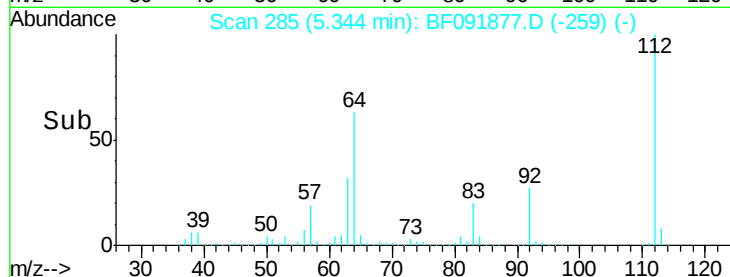
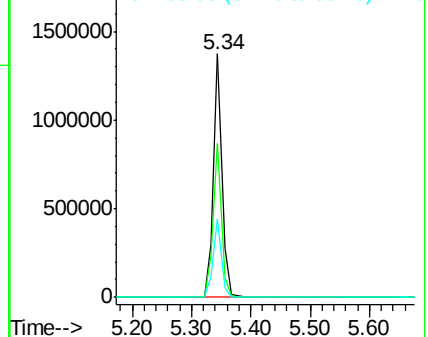
63 32.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.28 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

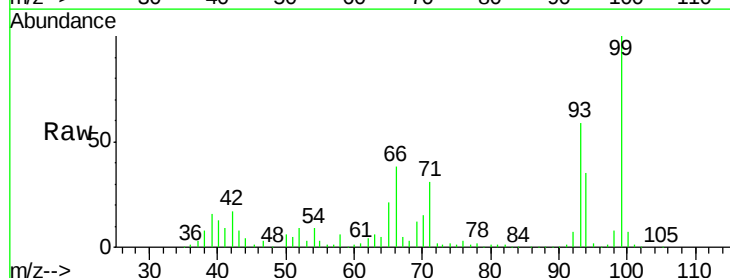
Tgt Ion: 93 Resp: 1121632

Ion Ratio Lower Upper

93 100

66 65.2 76.2 114.2#

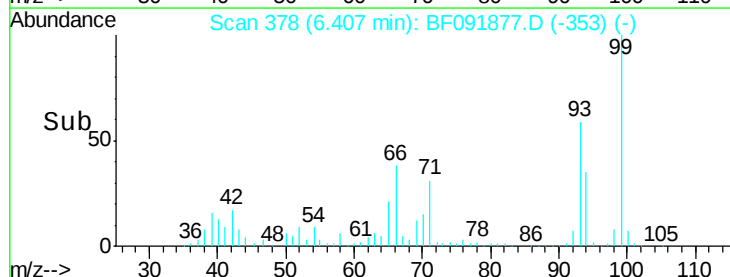
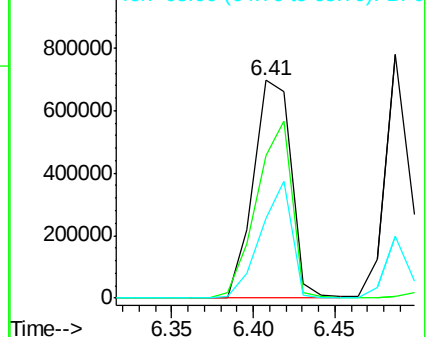
65 36.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.50 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

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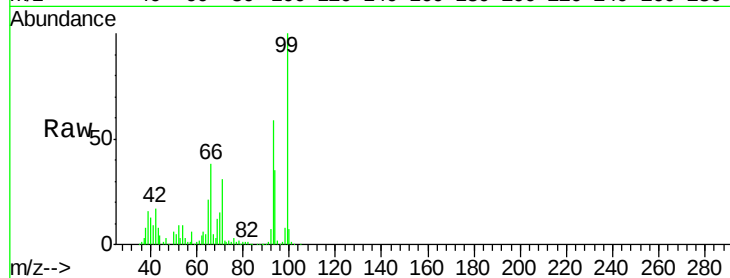
Tgt Ion: 99 Resp: 1838426

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

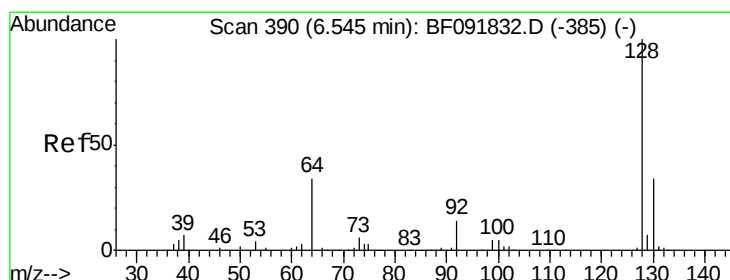
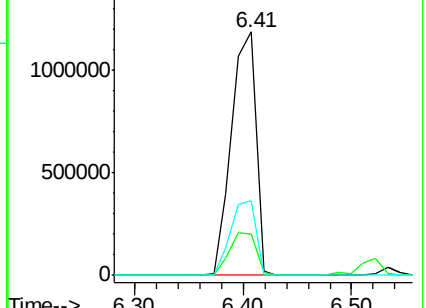
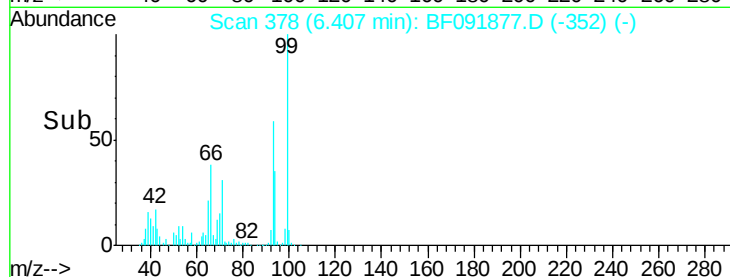
71 30.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.44 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

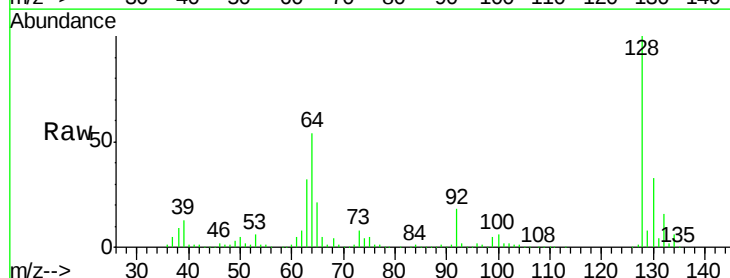
Tgt Ion: 128 Resp: 807959

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

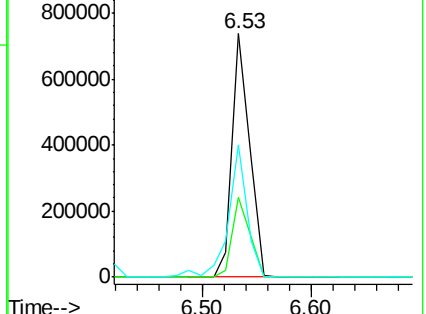
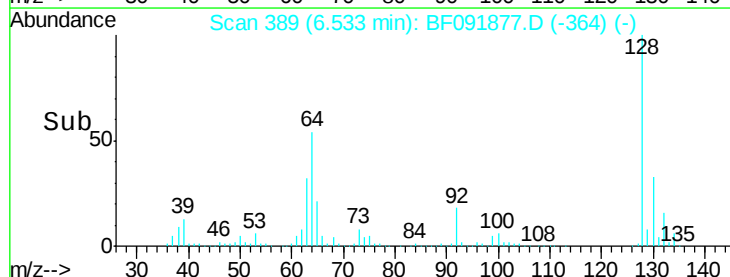
64 54.4 32.2 72.2

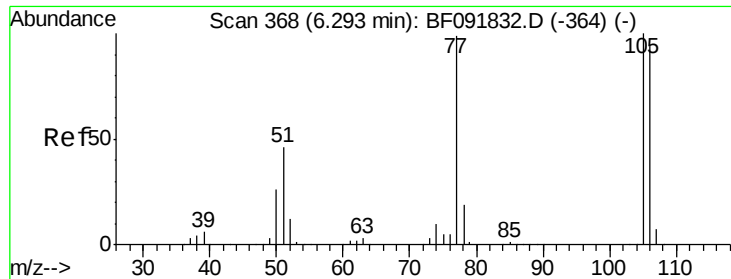


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.30 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

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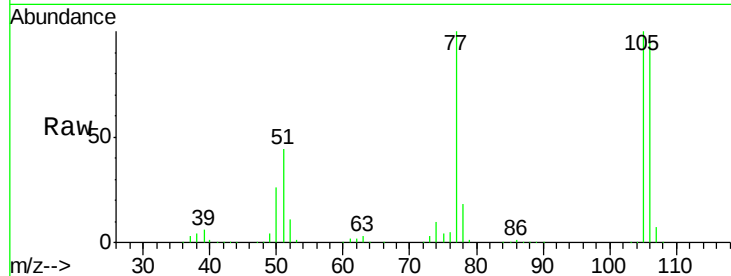
Tgt Ion: 77 Resp: 540744

Ion Ratio Lower Upper

77 100

105 100.1 83.9 123.9

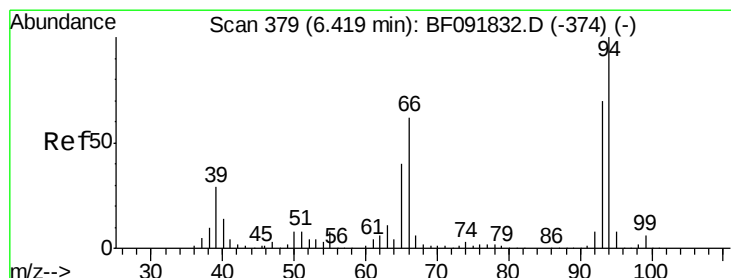
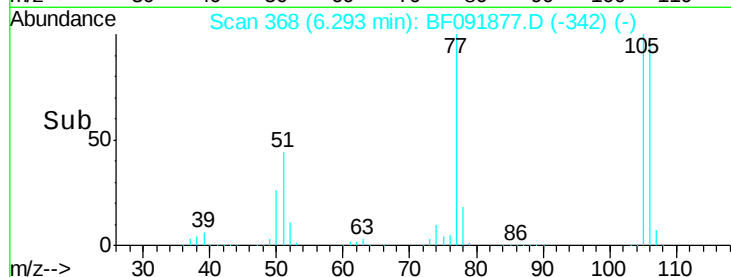
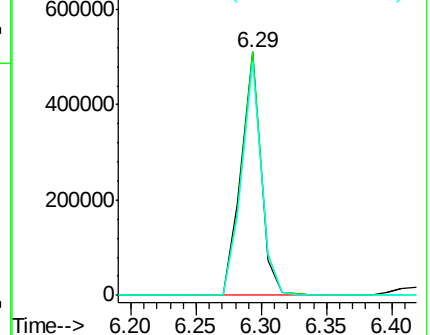
106 96.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.64 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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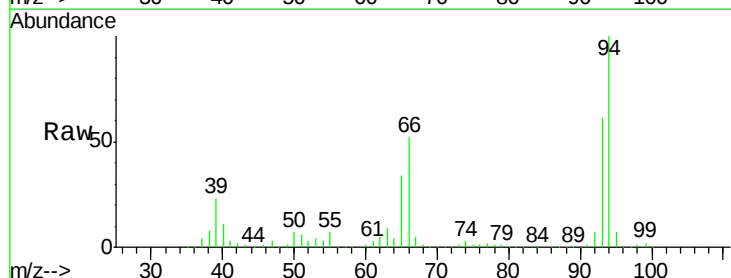
Tgt Ion: 94 Resp: 1121800

Ion Ratio Lower Upper

94 100

65 34.4 21.4 61.4

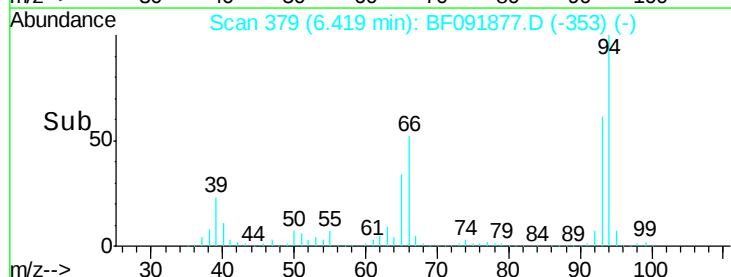
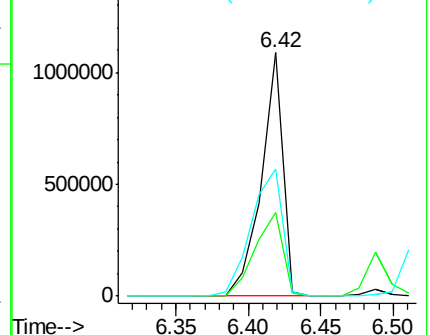
66 52.1 44.0 84.0

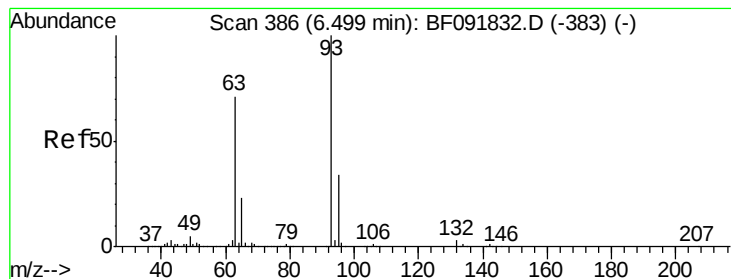


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

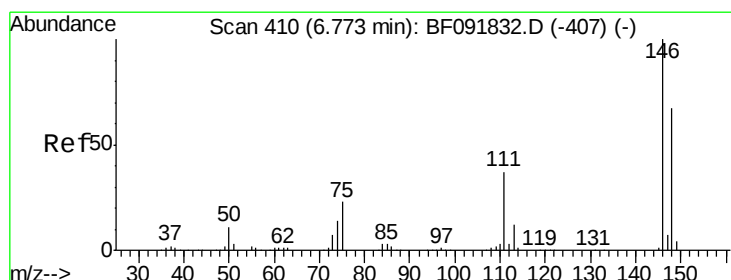
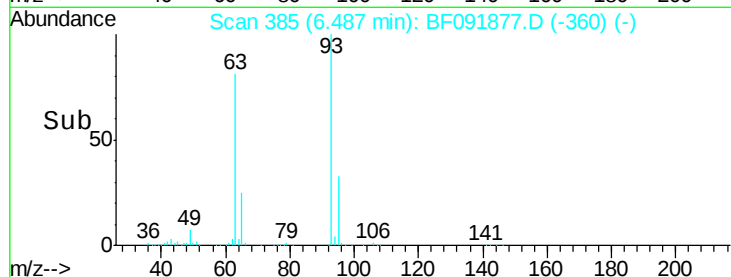
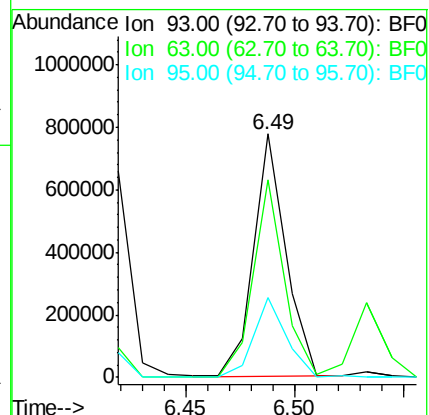
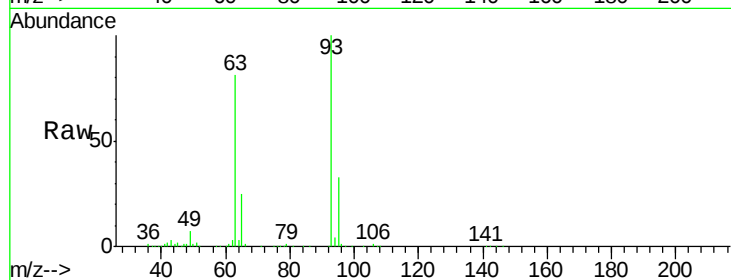
Tgt Ion: 93 Resp: 800137

Ion Ratio Lower Upper

93 100

63 81.2 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.07 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

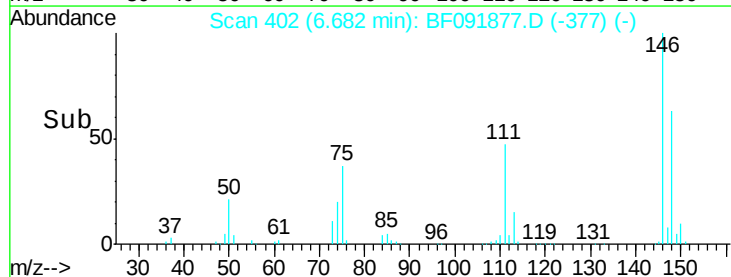
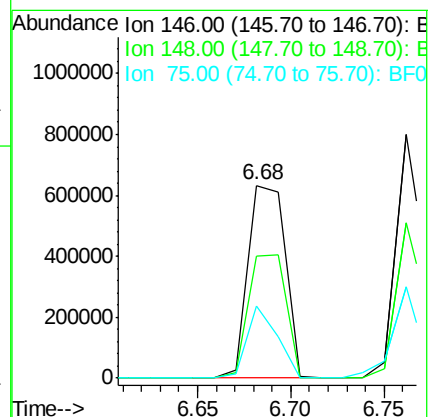
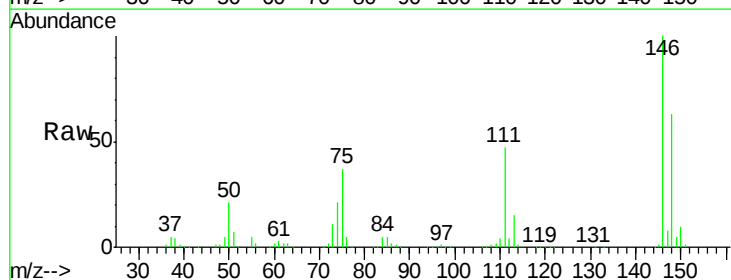
Tgt Ion: 146 Resp: 876615

Ion Ratio Lower Upper

146 100

148 63.1 53.4 80.0

75 37.2 18.5 27.7#

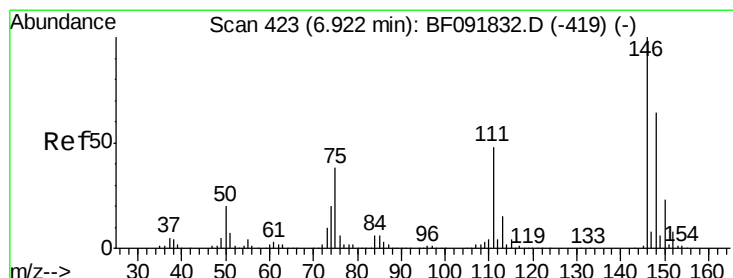
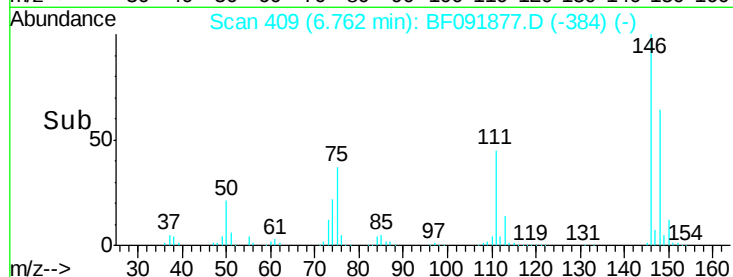
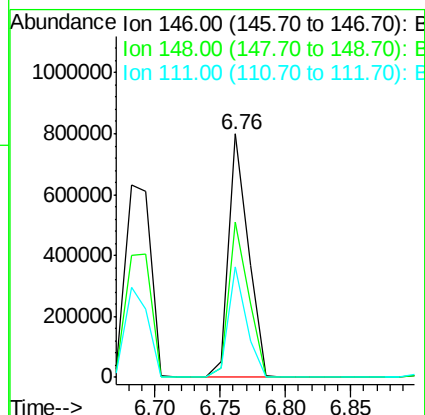
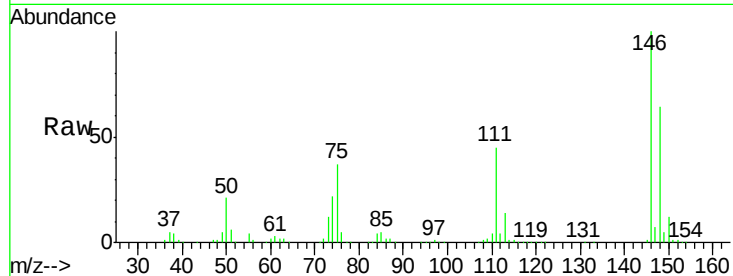




#13
 1,4-Dichlorobenzene
 Concen: 36.67 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

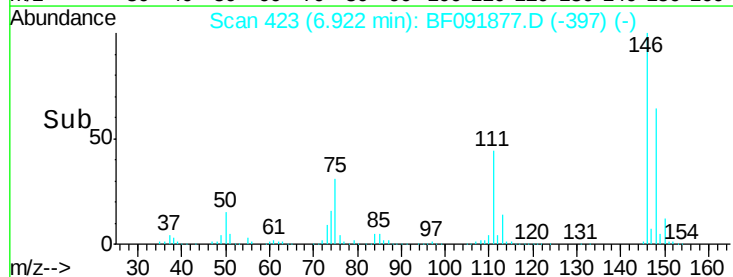
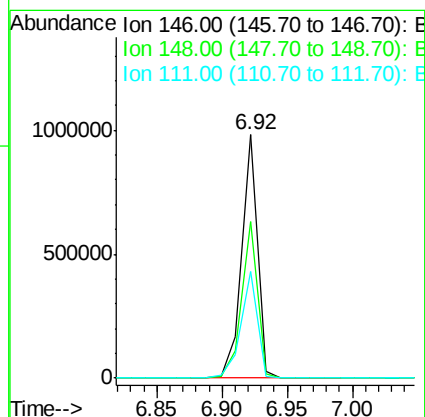
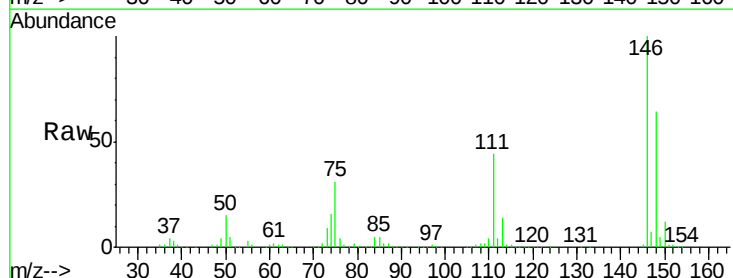
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

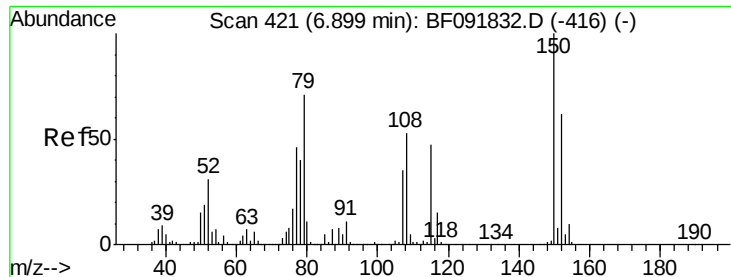
Tgt Ion:146 Resp: 837352
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 45.4 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.01 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:146 Resp: 812692
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 43.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 36.13 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

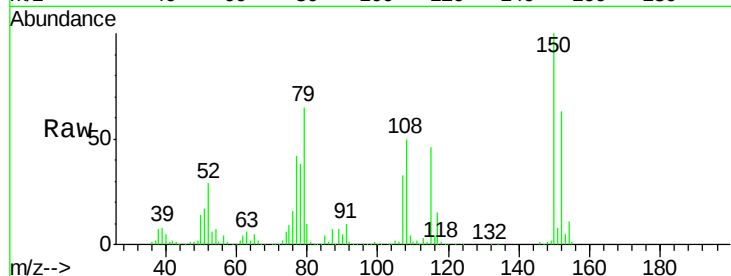
Tgt Ion: 79 Resp: 633380

Ion Ratio Lower Upper

79 100

108 76.8 61.4 92.0

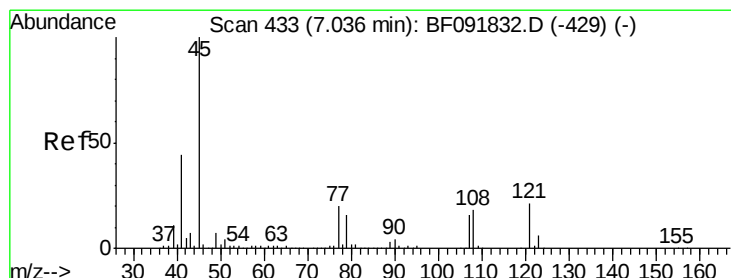
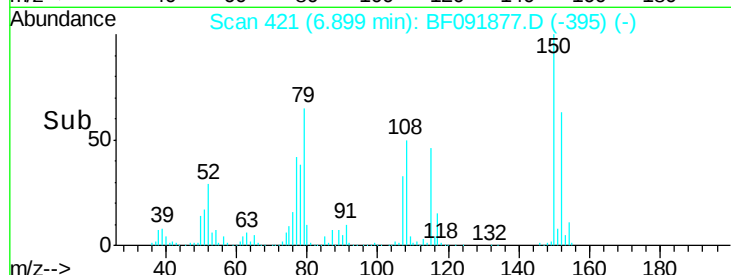
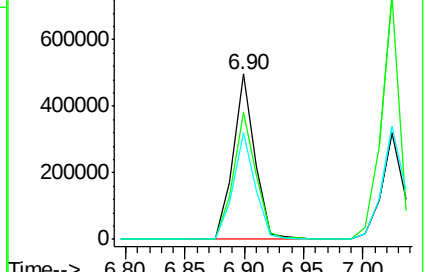
77 64.4 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.33 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

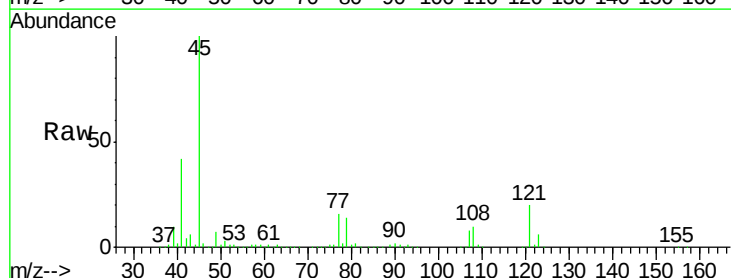
Tgt Ion: 45 Resp: 1167394

Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.6

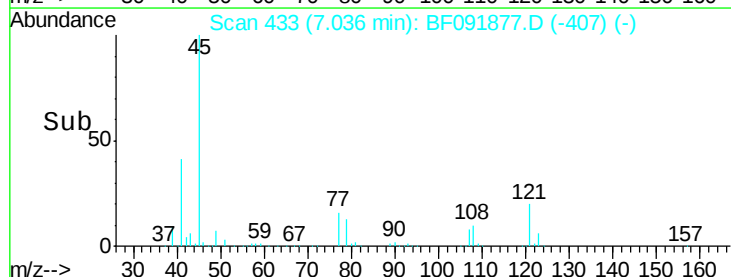
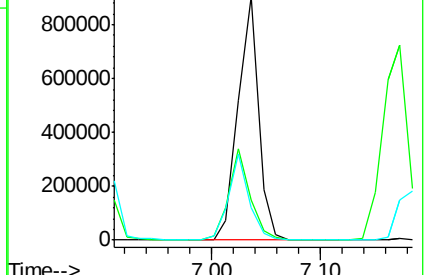
79 13.5 0.0 31.2

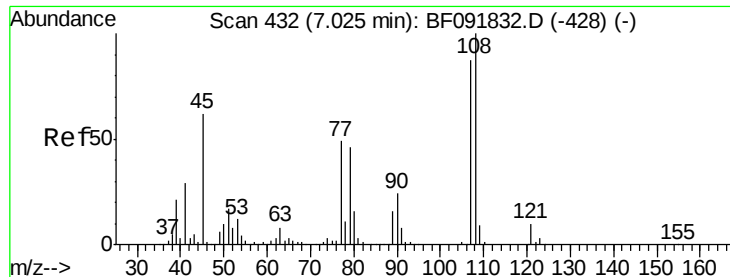


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

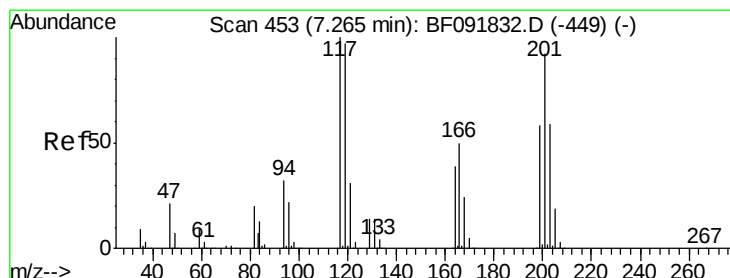
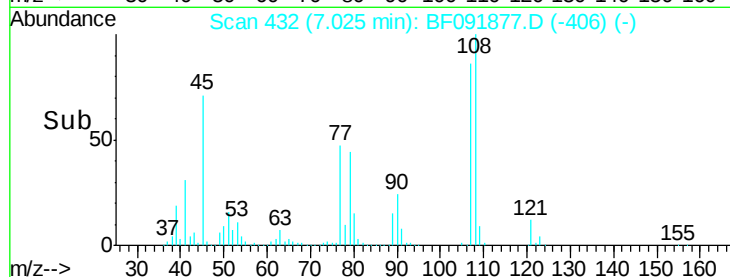
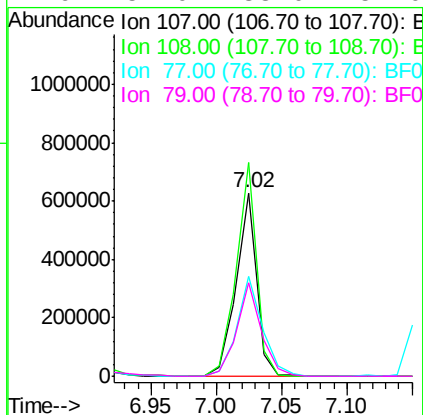
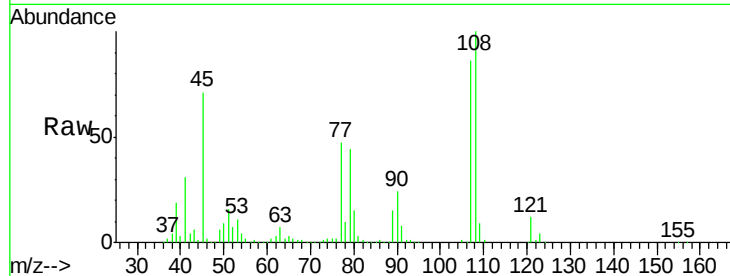




#17
2-Methylphenol
Concen: 40.00 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

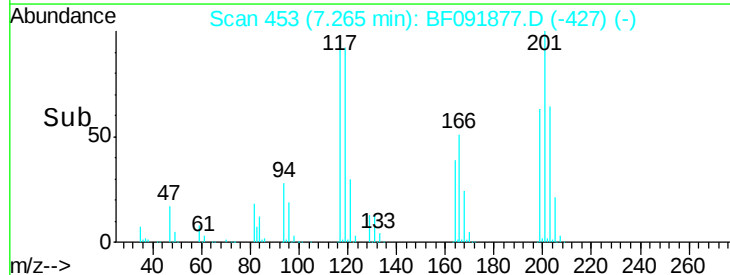
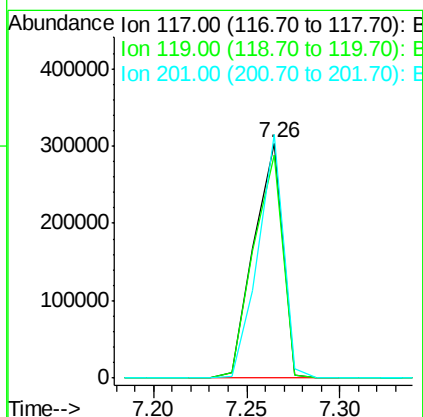
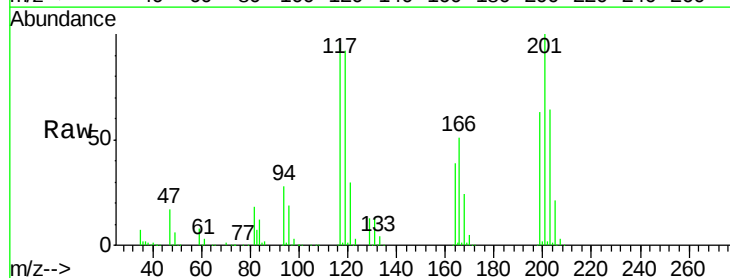
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

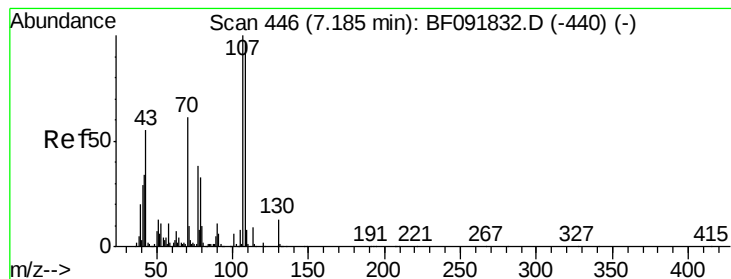
Tgt Ion:107 Resp: 676174
Ion Ratio Lower Upper
107 100
108 116.7 93.0 139.6
77 54.3 39.8 59.8
79 51.0 38.0 57.0



#18
Hexachloroethane
Concen: 39.12 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:117 Resp: 331245
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1
201 103.6 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.83 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 567795

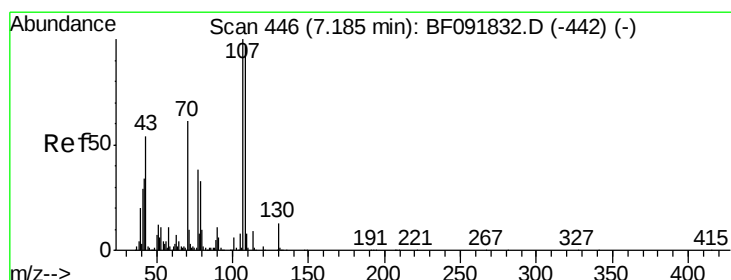
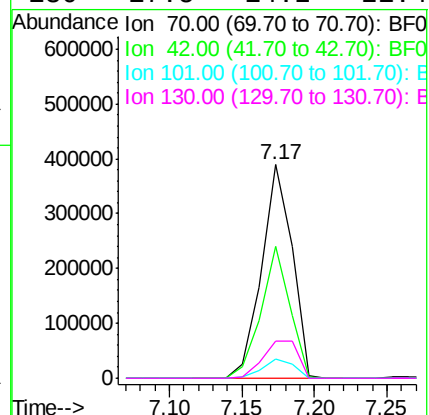
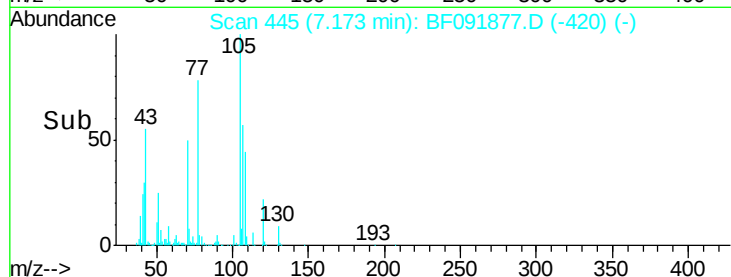
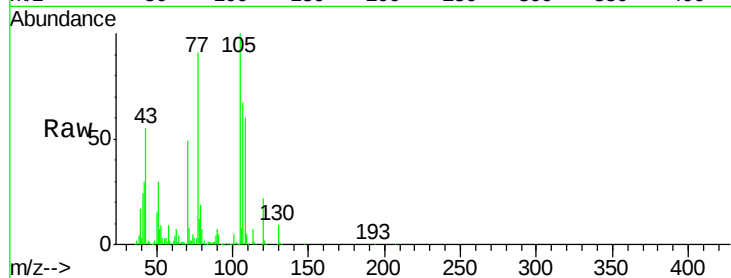
Ion Ratio Lower Upper

70 100

42 61.5 49.4 74.0

101 9.2 7.4 11.2

130 17.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 40.92 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Tgt Ion: 107 Resp: 824991

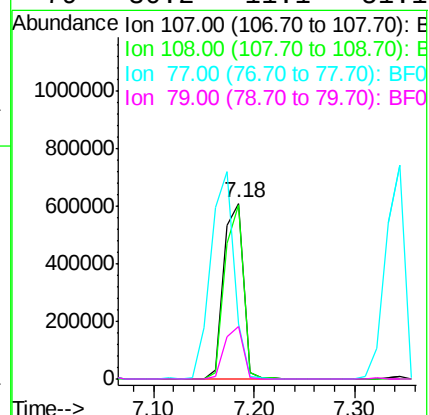
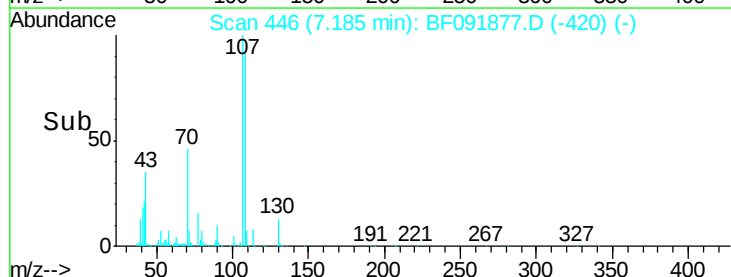
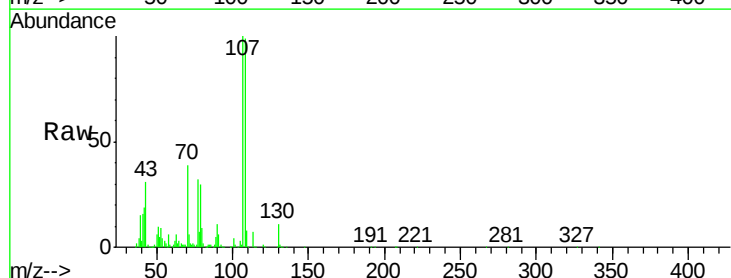
Ion Ratio Lower Upper

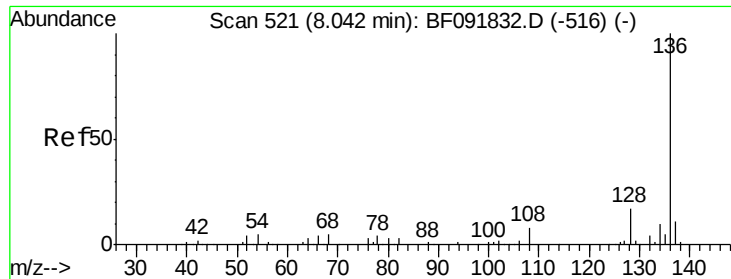
107 100

108 99.0 73.0 113.0

77 31.6 71.3 111.3#

79 30.2 11.1 51.1

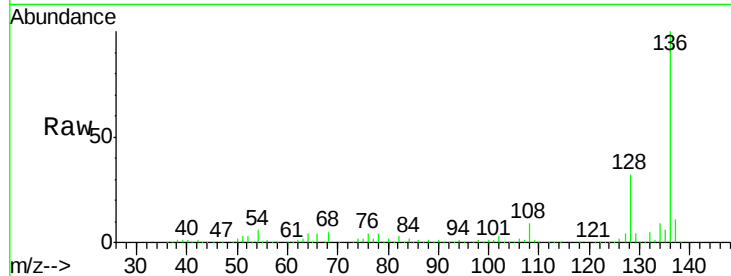




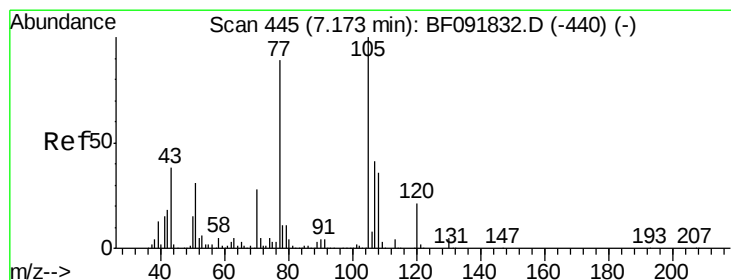
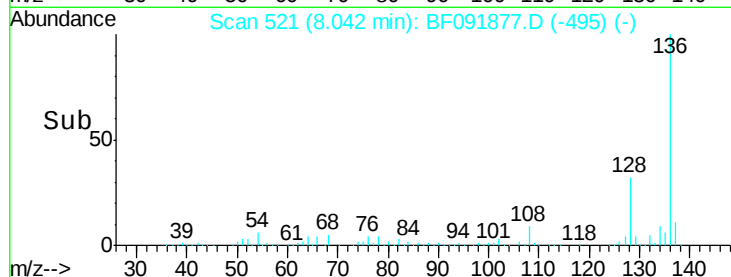
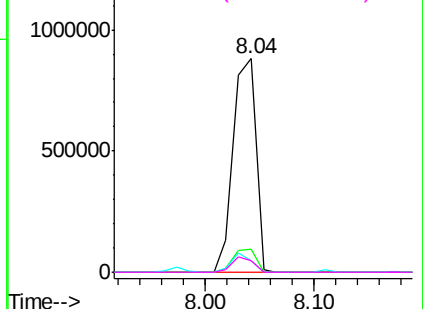
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	1259677
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.7	4.5	6.7
68	5.1	3.6	5.4

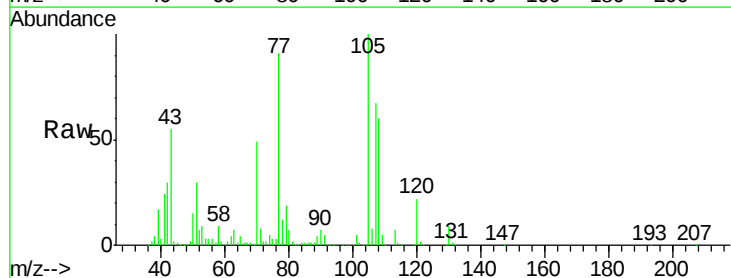


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

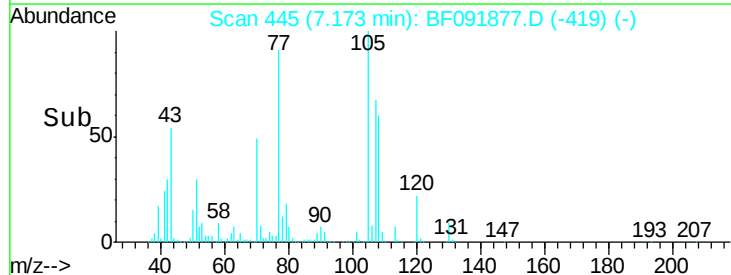
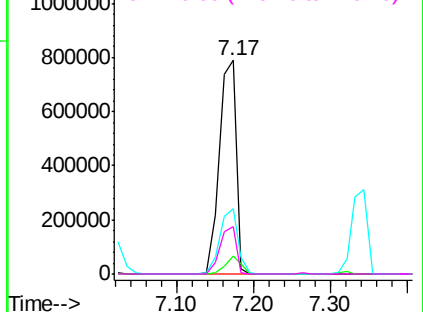


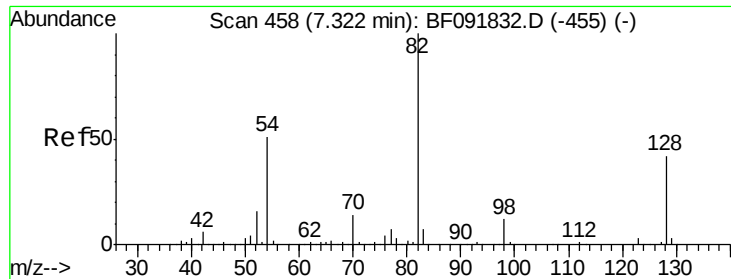
#22
Acetophenone
Concen: 39.20 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:	105	Resp:	1217831
Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.2	4.8#
51	30.5	26.2	39.4
120	22.1	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

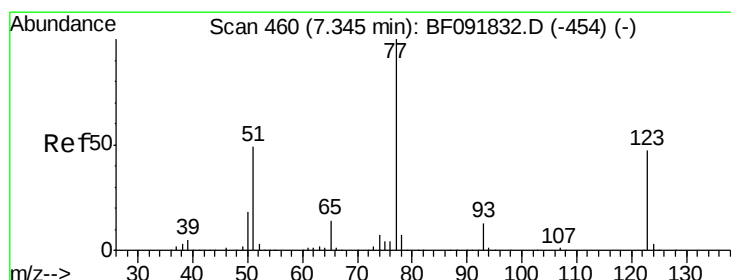
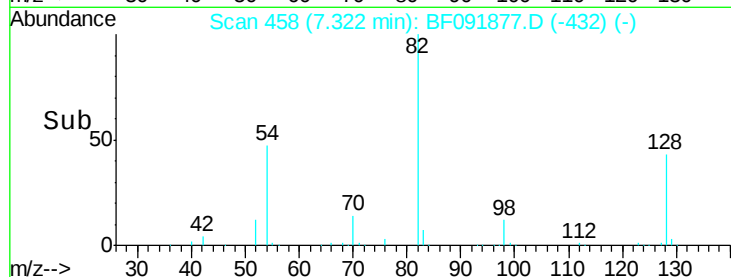
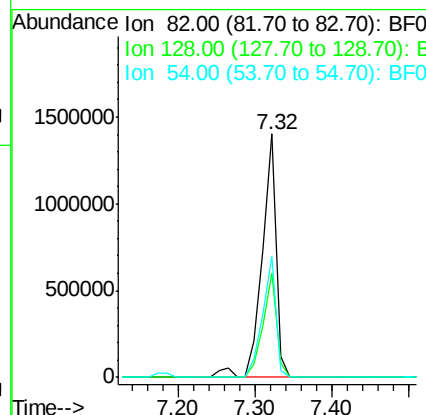
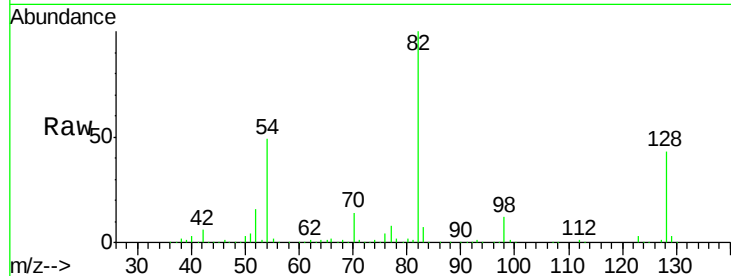




#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

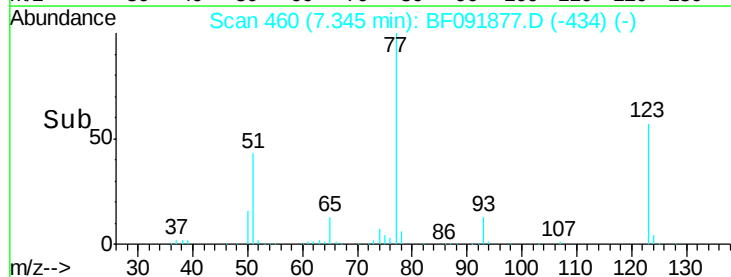
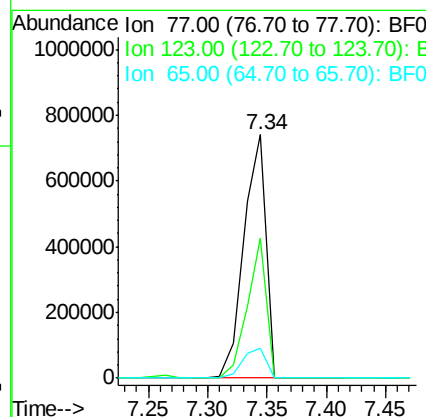
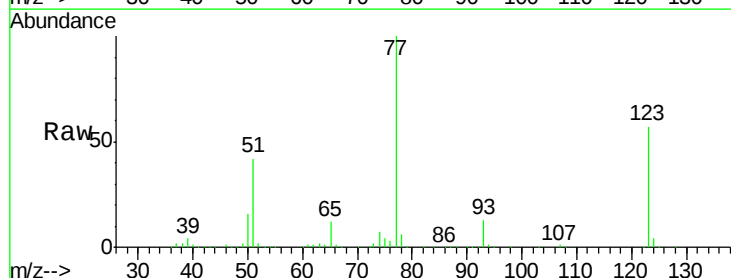
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

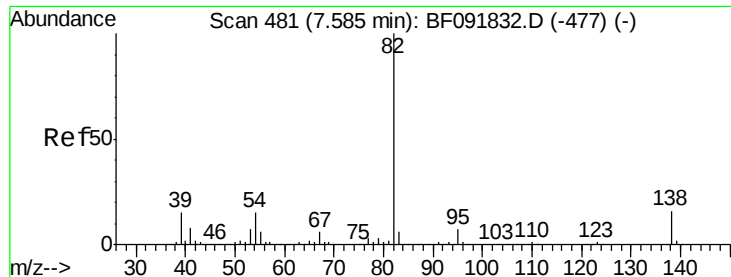
Tgt Ion: 82 Resp: 1757939
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 49.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion: 77 Resp: 957247
 Ion Ratio Lower Upper
 77 100
 123 57.2 33.0 49.4#
 65 12.3 11.2 16.8

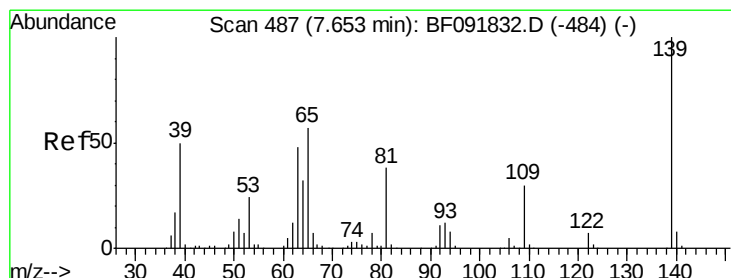
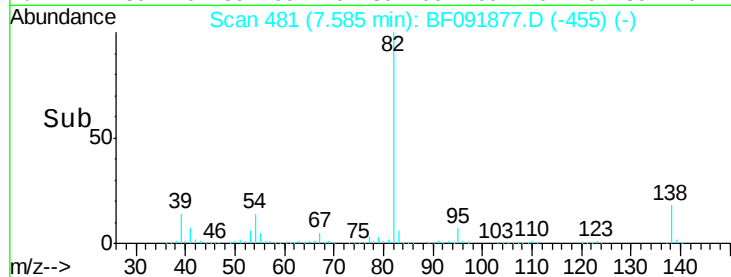
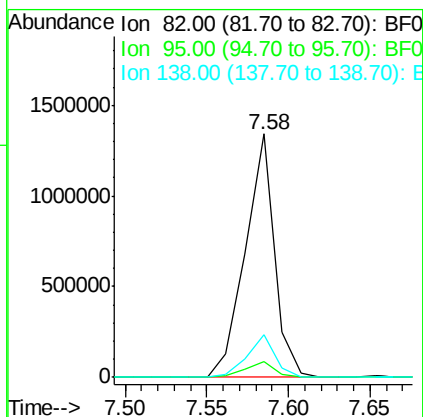
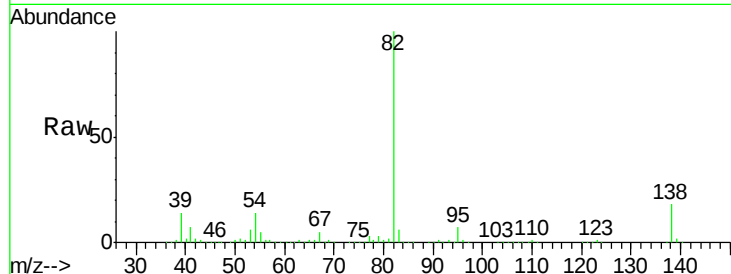




#25
Isophorone
Concen: 39.75 ng
RT: 7.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

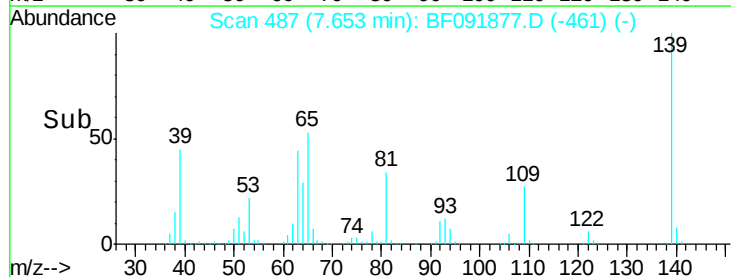
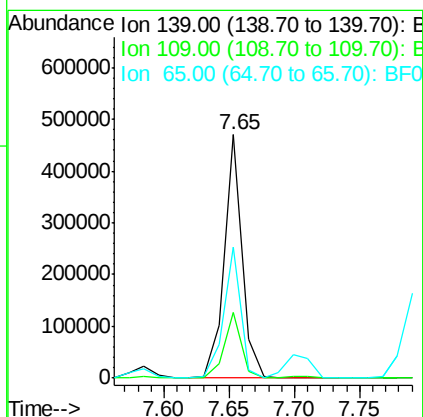
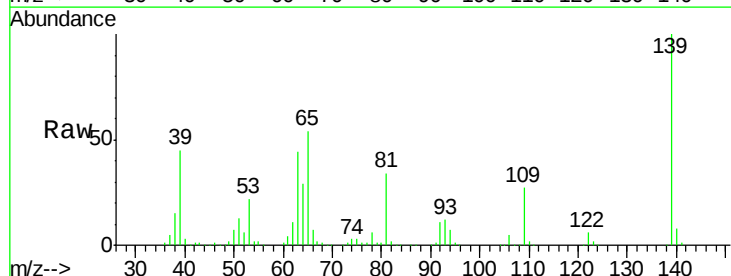
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

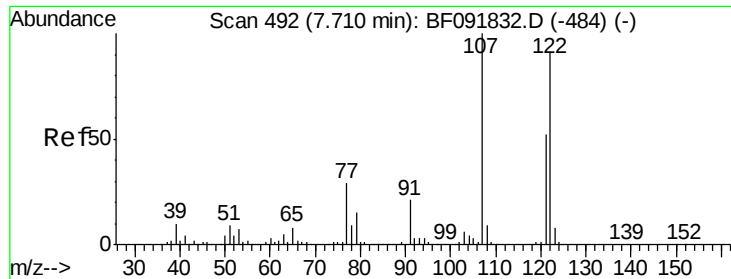
Tgt Ion: 82 Resp: 1661508
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.7 14.6 22.0



#26
2-Nitrophenol
Concen: 37.80 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion: 139 Resp: 449716
Ion Ratio Lower Upper
139 100
109 26.8 23.3 34.9
65 53.6 42.7 64.1

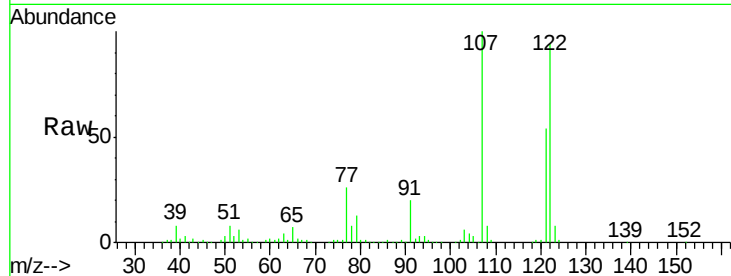




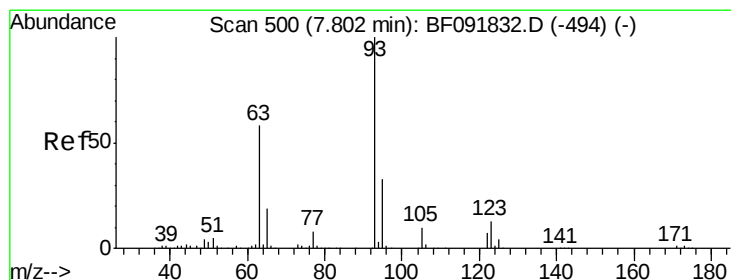
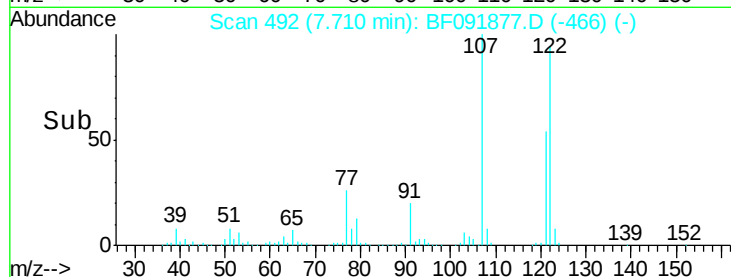
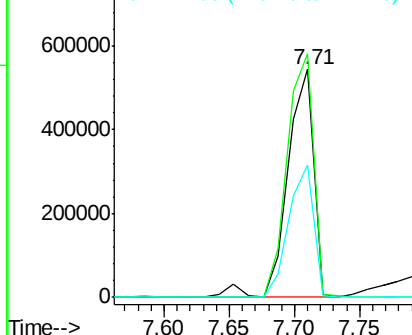
#27
2,4-Dimethylphenol
Concen: 38.89 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.9	94.1	141.1
121	57.9	46.0	69.0

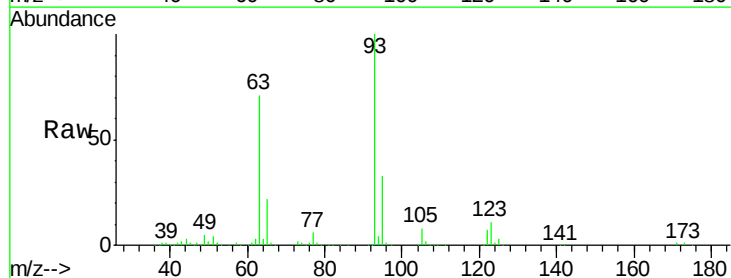


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

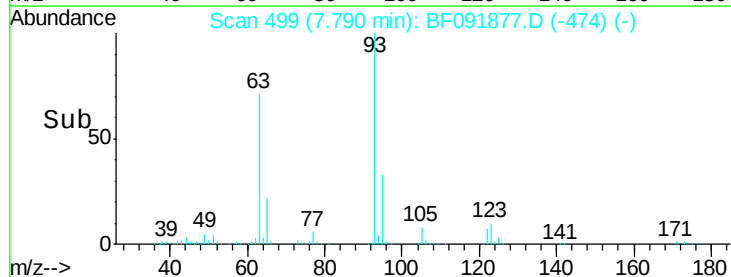
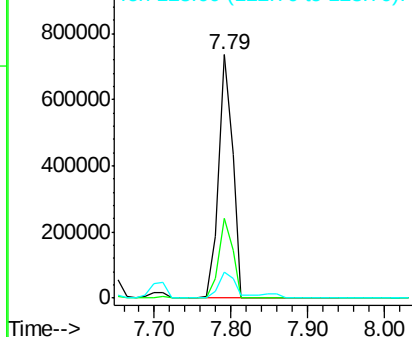


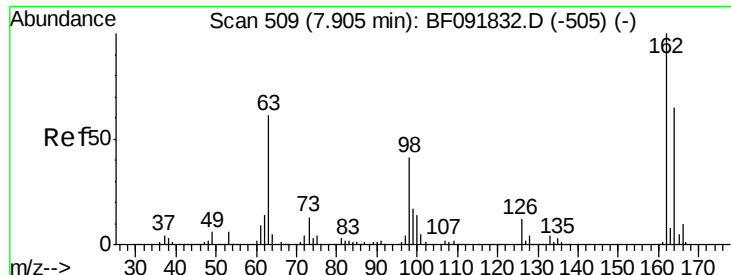
#28
bis(2-Chloroethoxy)methane
Concen: 37.22 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.6	8.6	13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

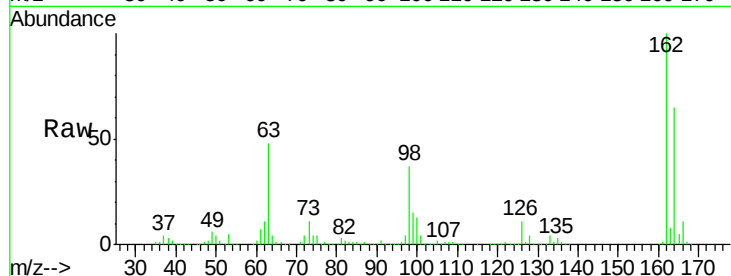




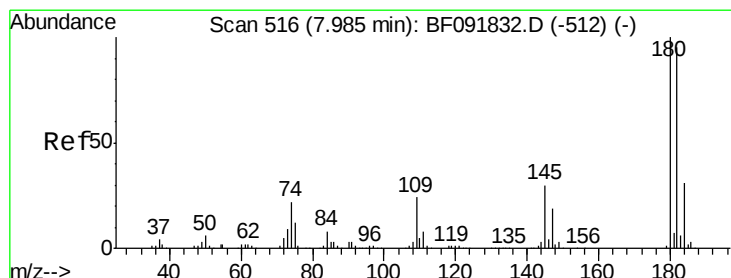
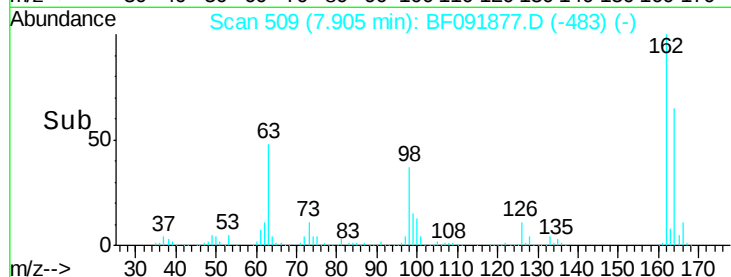
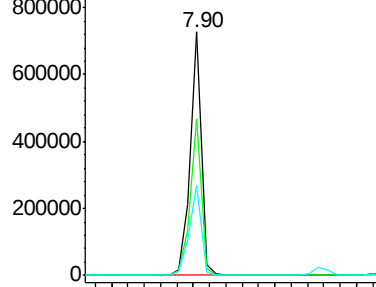
#29
2,4-Dichlorophenol
Concen: 41.06 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.8	86.8
98	36.9	9.1	49.1

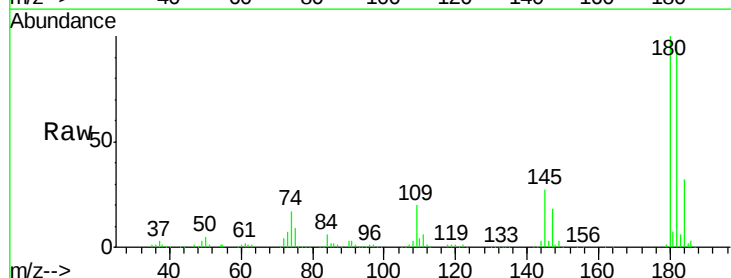


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

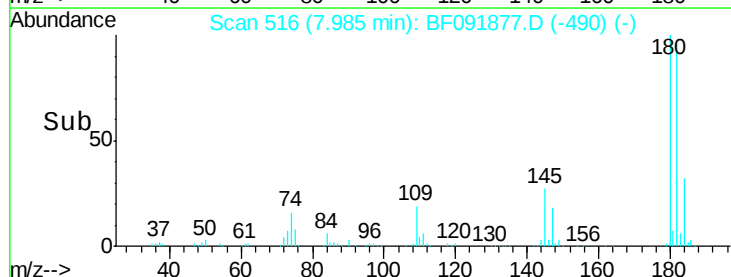
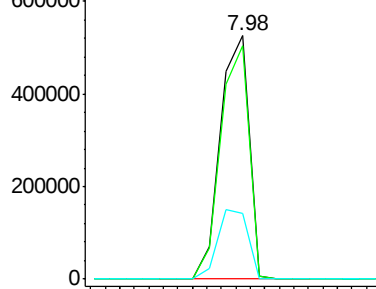


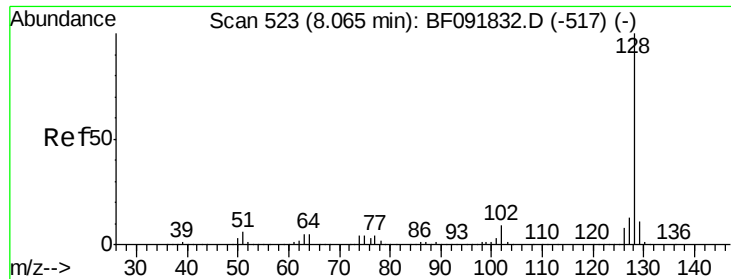
#30
1,2,4-Trichlorobenzene
Concen: 39.38 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.2	117.4
145	26.8	21.6	32.4



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





#31

Naphthalene

Concen: 39.40 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

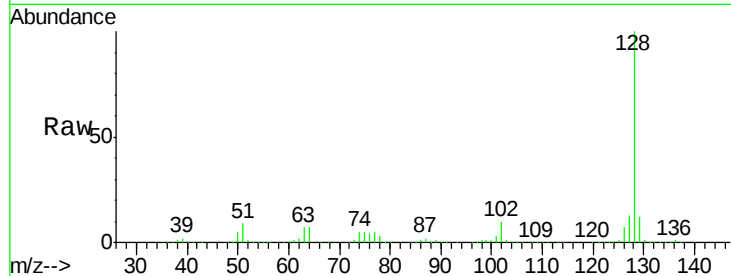
Tgt Ion:128 Resp: 2271628

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

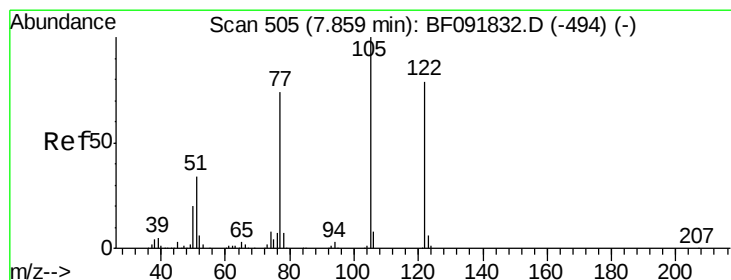
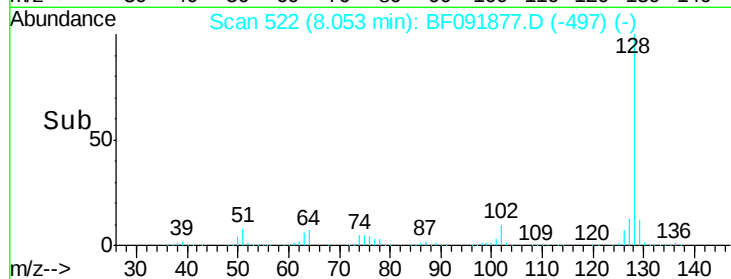
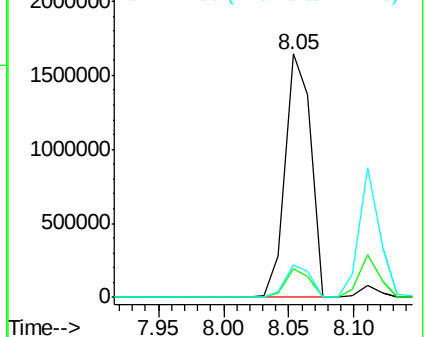
127 13.4 10.8 16.2



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: 41.12 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

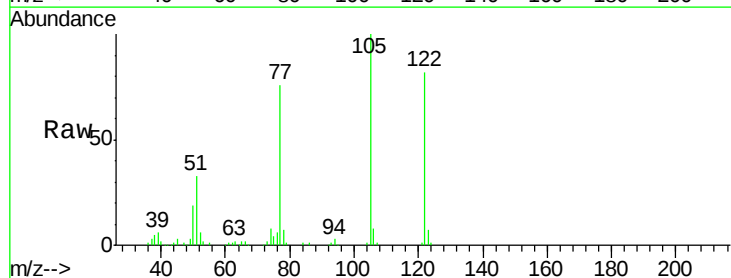
Tgt Ion:122 Resp: 601961

Ion Ratio Lower Upper

122 100

105 121.7 107.2 147.2

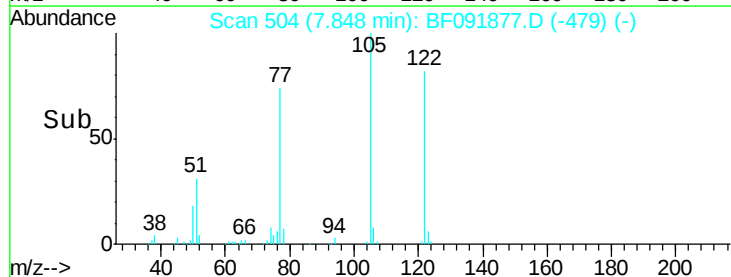
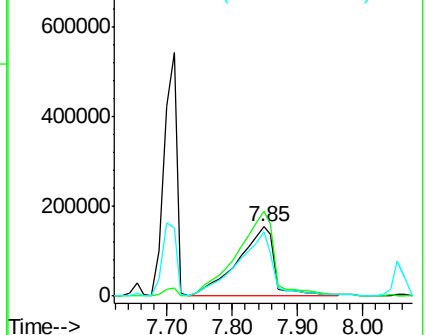
77 92.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

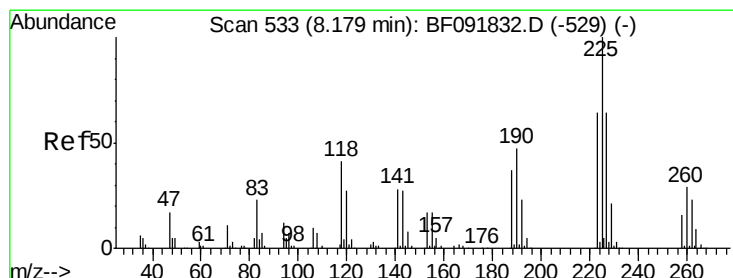
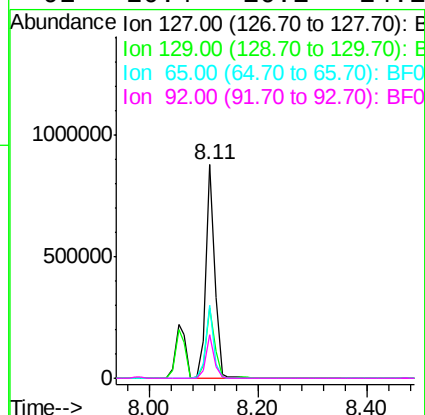
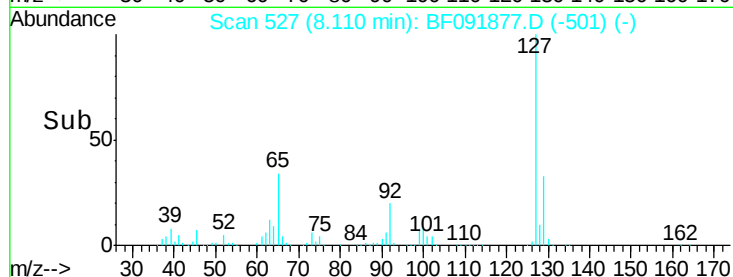
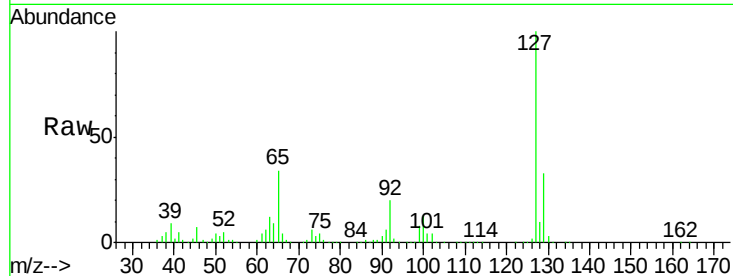




#33
4-Chloroaniline
Concen: 37.39 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

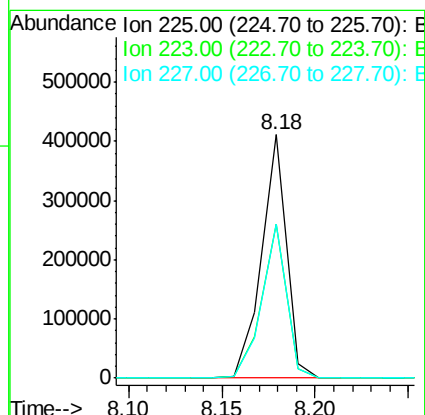
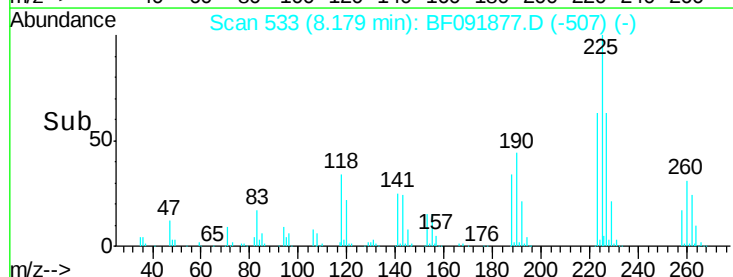
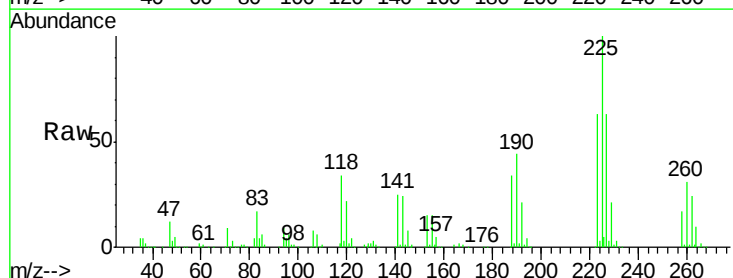
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	971968
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	34.4	25.8	38.8
92	20.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.96 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:	225	Resp:	376548
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.2	50.6	76.0

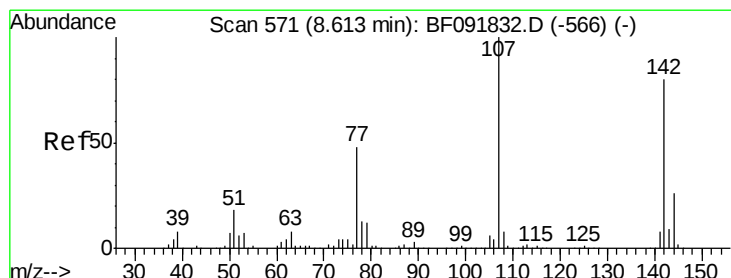
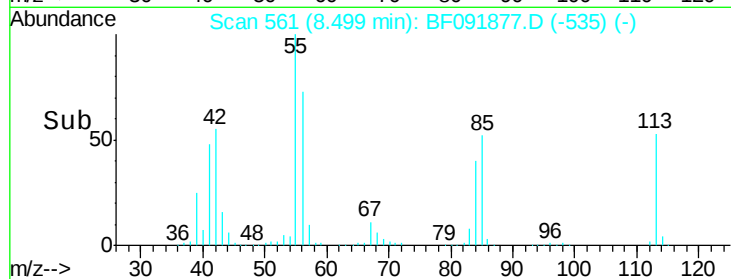
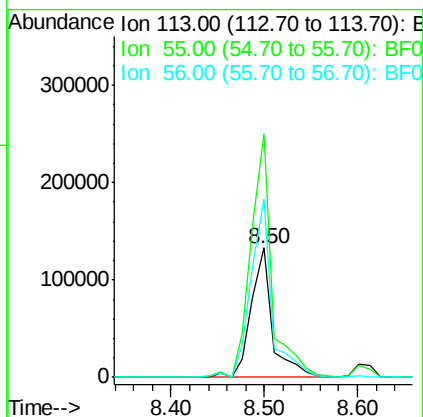
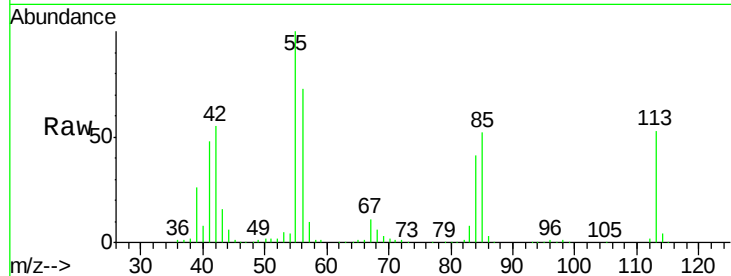




#35
 Caprolactam
 Concen: 38.08 ng
 RT: 8.50 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

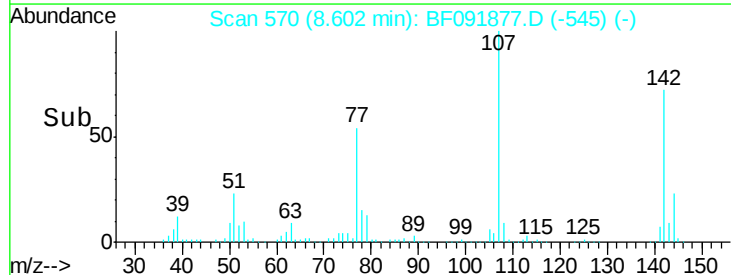
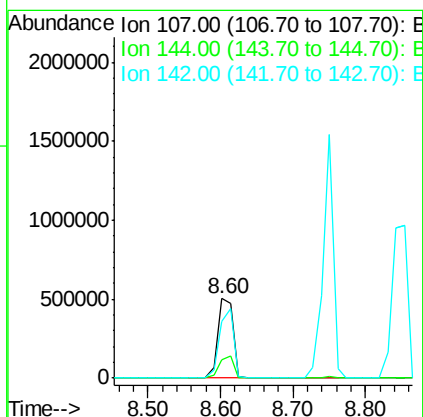
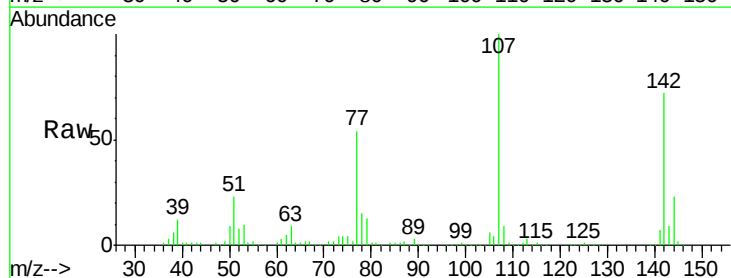
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

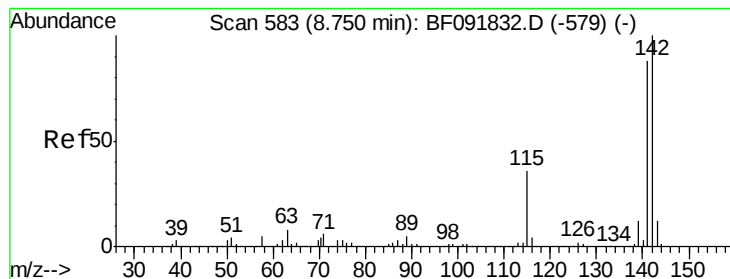
Tgt Ion:113 Resp: 209091
 Ion Ratio Lower Upper
 113 100
 55 188.1 119.2 159.2#
 56 138.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.24 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:107 Resp: 735321
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 72.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.32 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

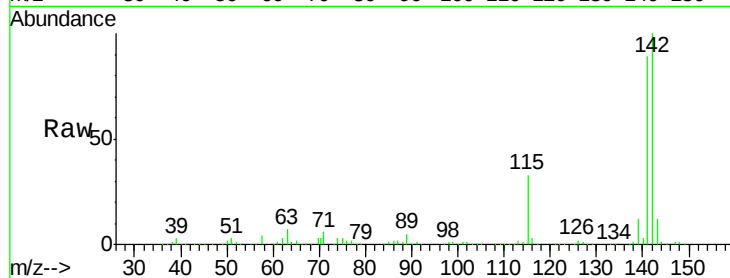
Tgt Ion:142 Resp: 1510479

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

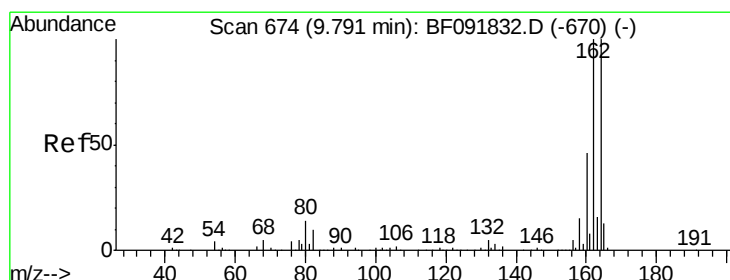
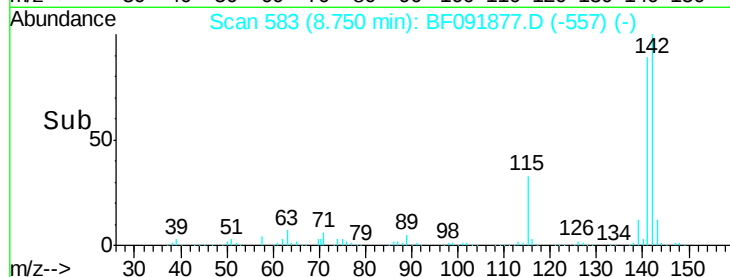
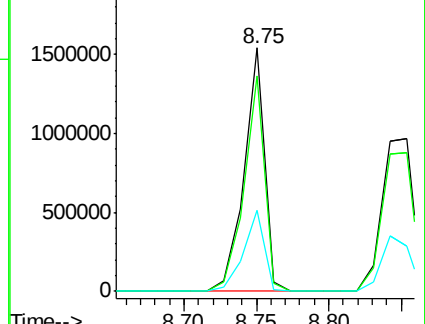
115 33.1 28.3 42.5



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

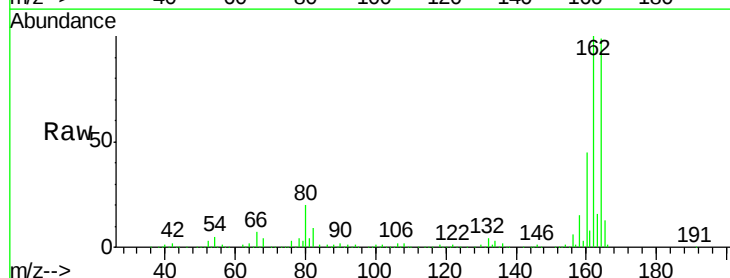
Tgt Ion:164 Resp: 678181

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

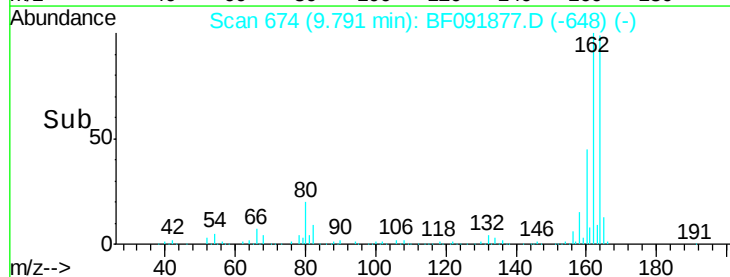
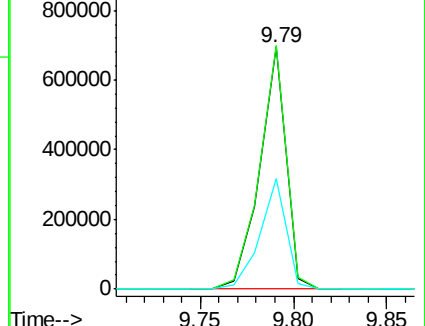
160 45.7 36.9 55.3

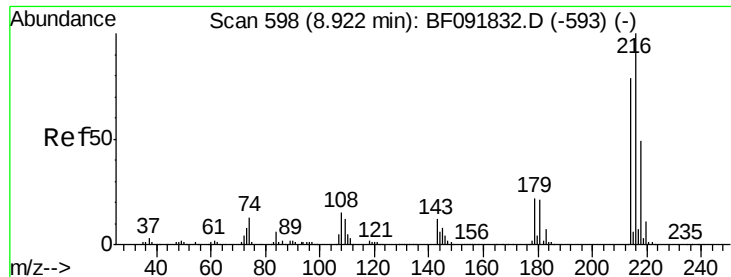


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

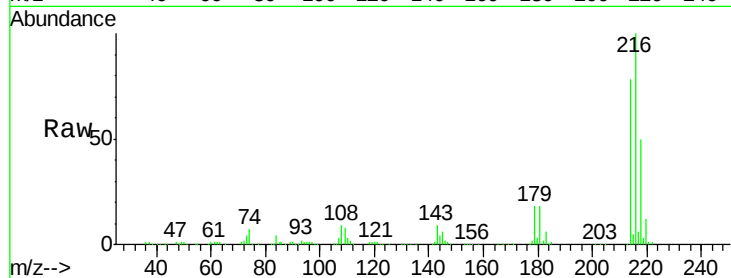




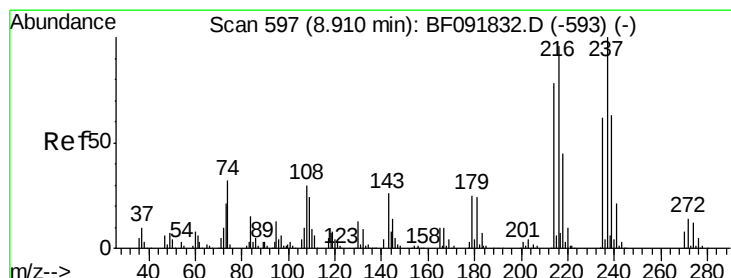
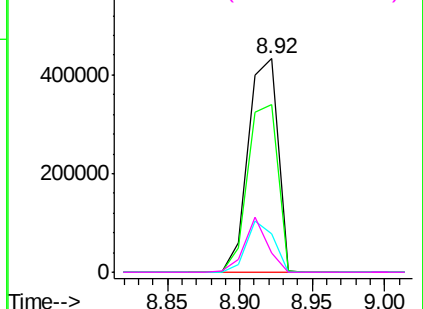
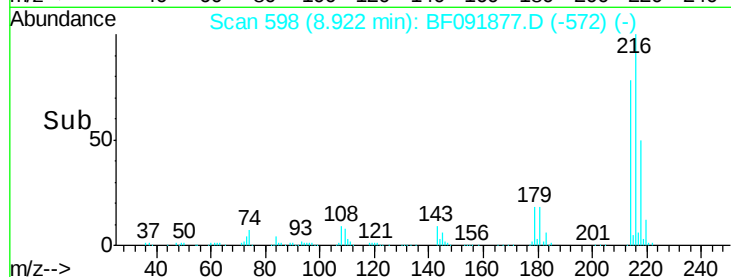
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.92 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	615440
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	22.0	17.4	26.2
108	20.0	15.6	23.4

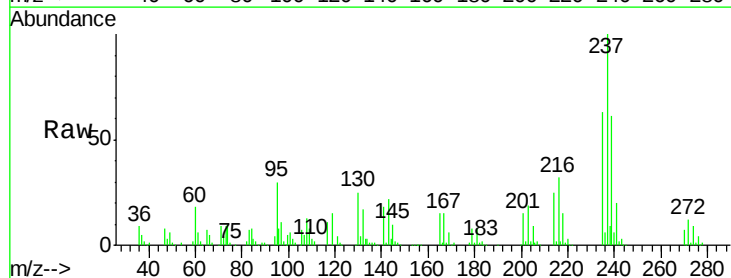


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

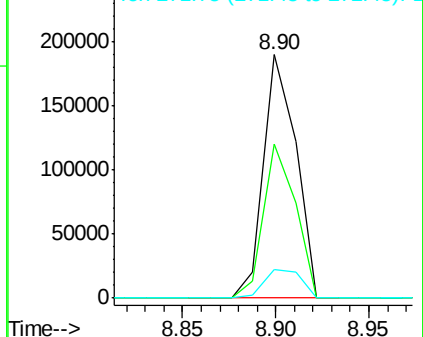
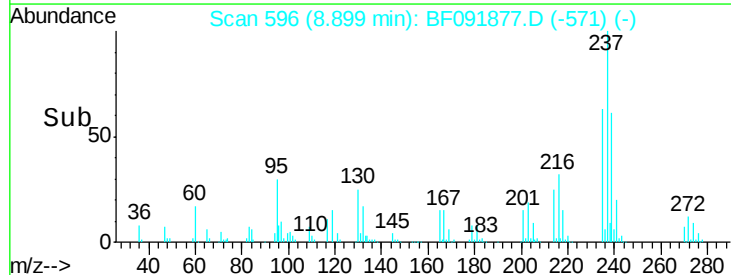


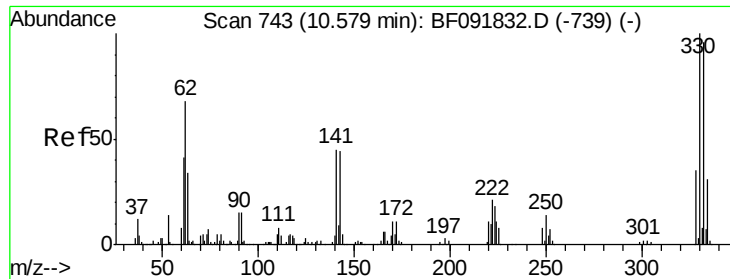
#40
 Hexachlorocyclopentadiene
 Concen: 32.39 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:	237	Resp:	228123
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	11.9	0.0	35.4



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

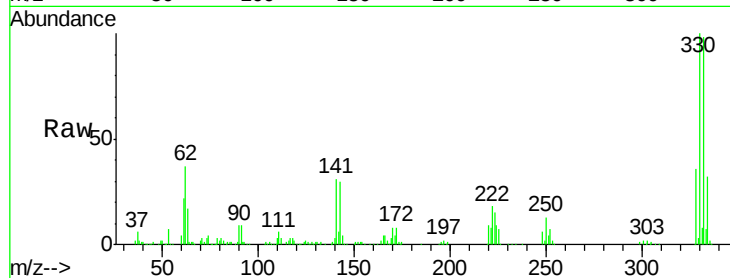




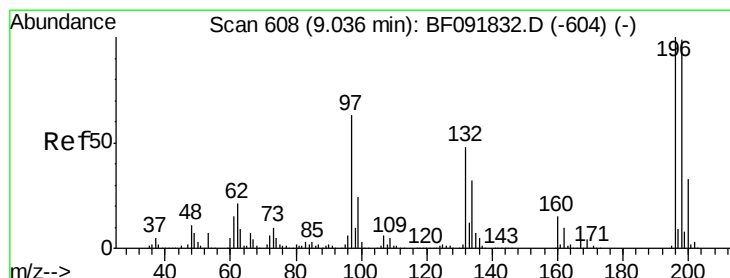
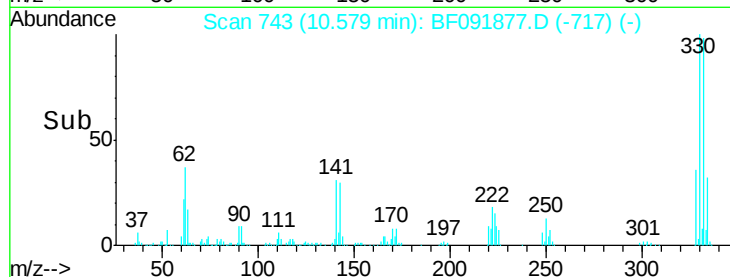
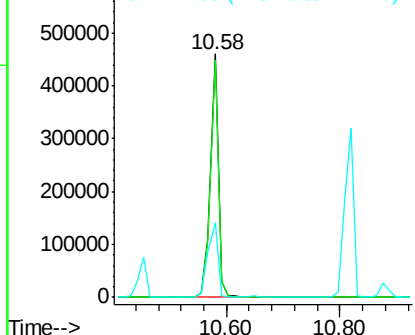
#41
 2,4,6-Tribromophenol
 Concen: 76.02 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 426653
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.6 34.1 51.1

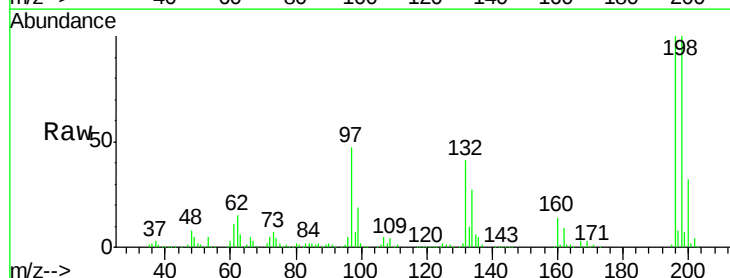


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

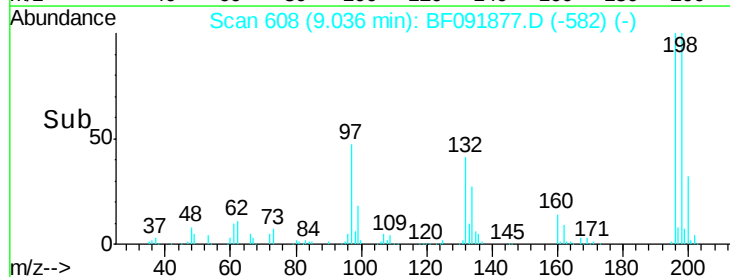
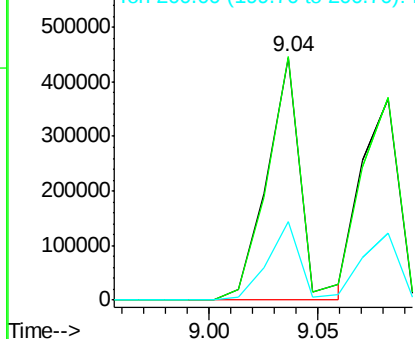


#42
 2,4,6-Trichlorophenol
 Concen: 40.31 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:196 Resp: 483056
 Ion Ratio Lower Upper
 196 100
 198 100.3 82.1 123.1
 200 32.4 27.0 40.4



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

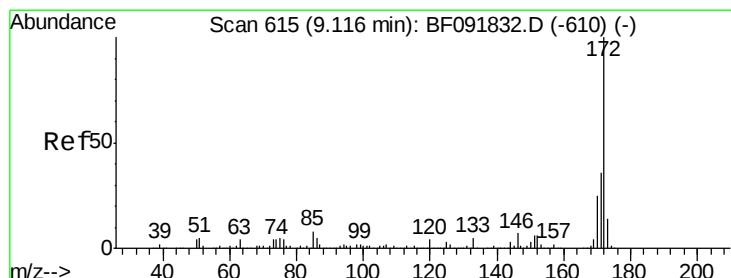
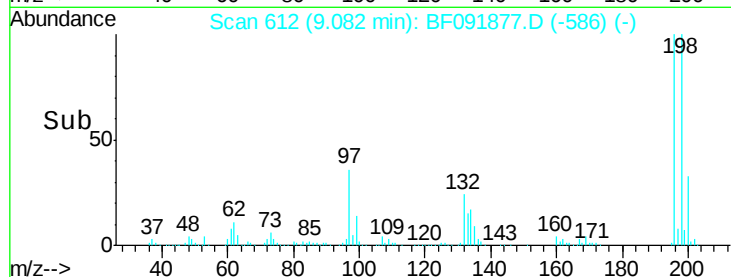
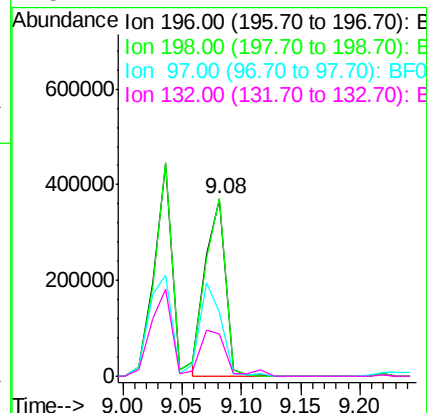
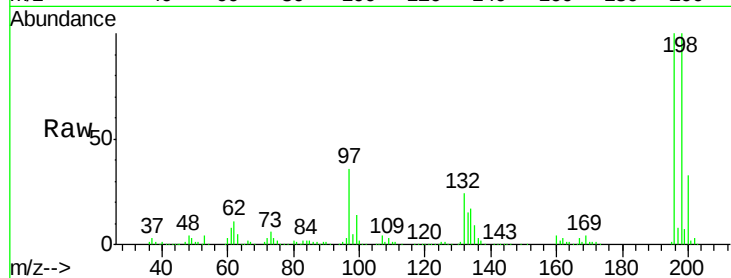




#43
 2,4,5-Trichlorophenol
 Concen: 35.88 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

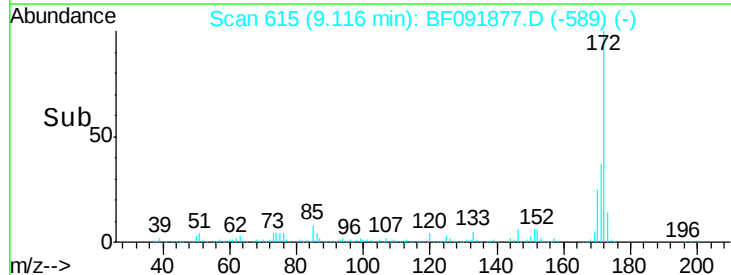
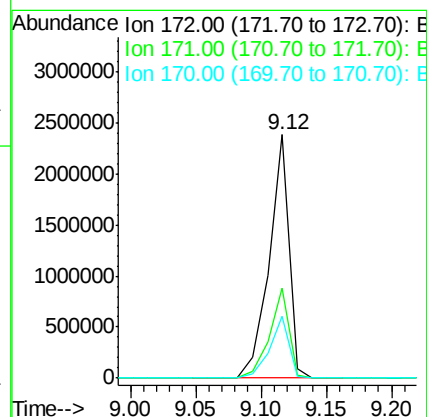
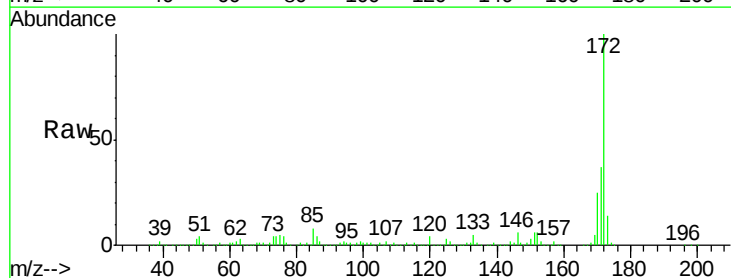
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

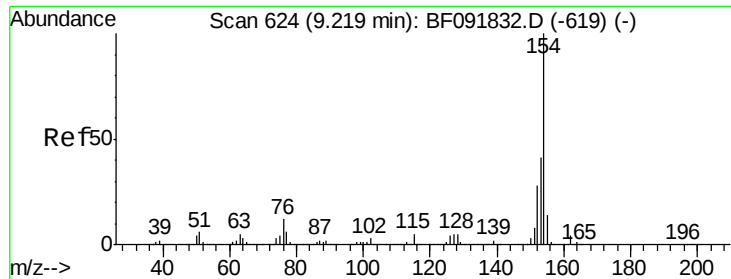
Tgt Ion:196 Resp: 442462
 Ion Ratio Lower Upper
 196 100
 198 100.4 79.4 119.2
 97 35.9 51.5 77.3#
 132 24.2 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 75.24 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:172 Resp: 2539369
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 25.3 20.2 30.4

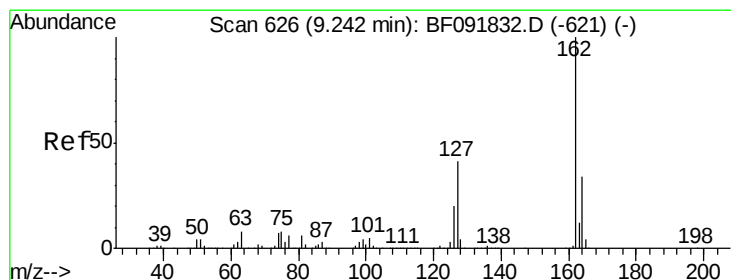
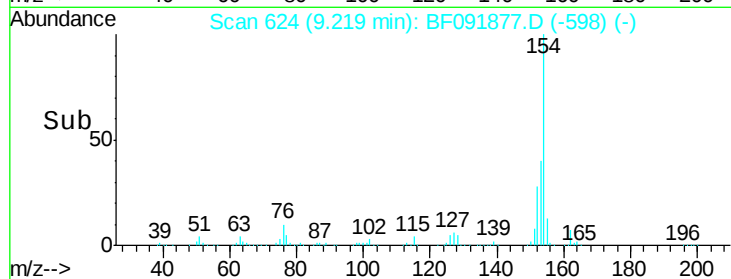
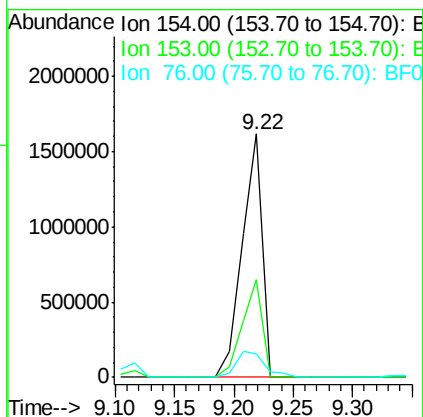
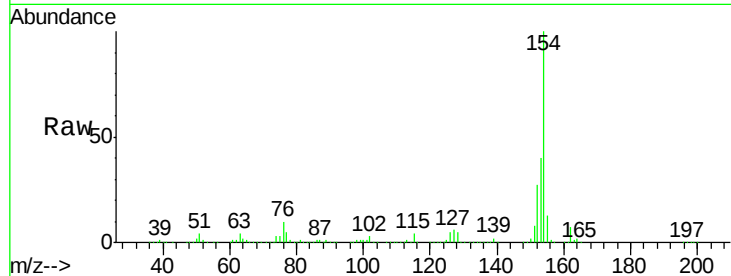




#45
 1,1'-Biphenyl
 Concen: 40.76 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

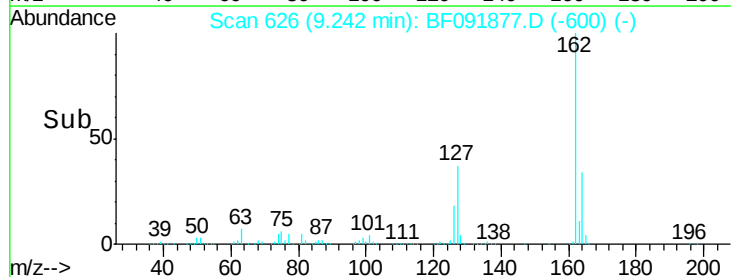
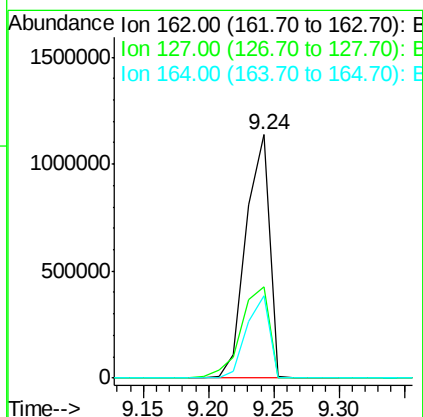
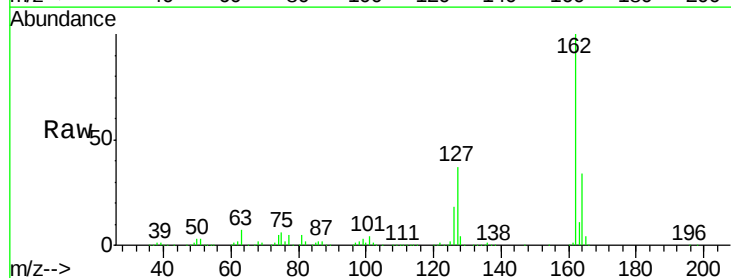
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

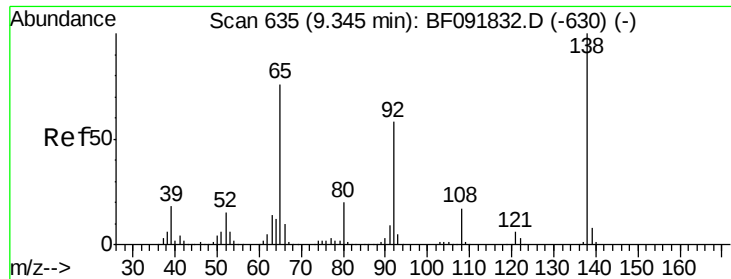
Tgt Ion:154 Resp: 1892723
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 9.8 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 38.75 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:162 Resp: 1425001
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.7 46.1
 164 33.9 27.6 41.4

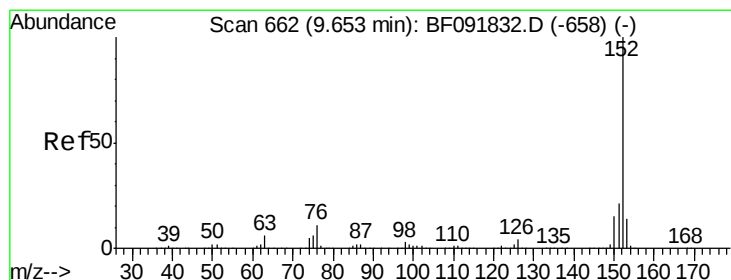
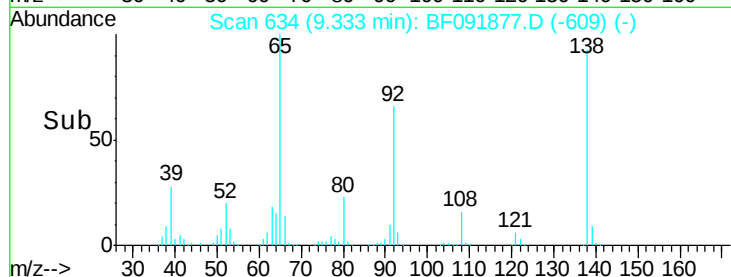
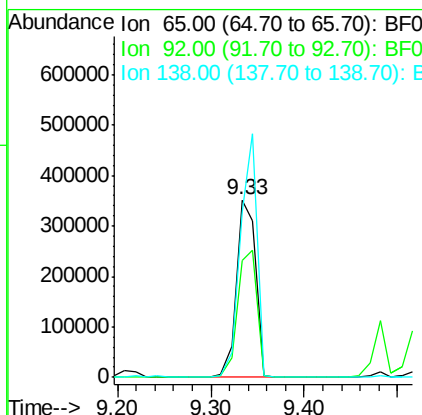
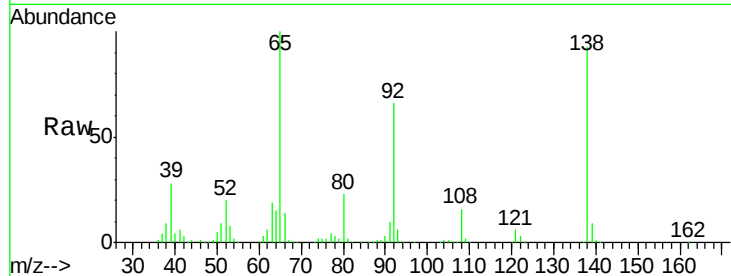




#47
2-Nitroaniline
Concen: 38.53 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

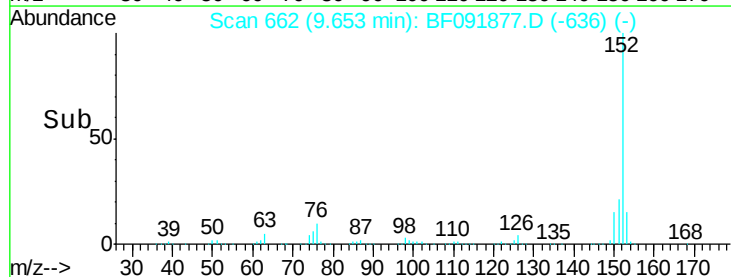
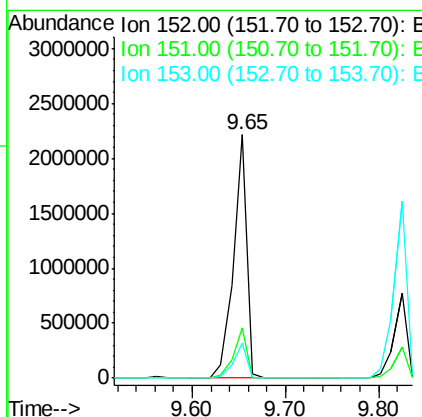
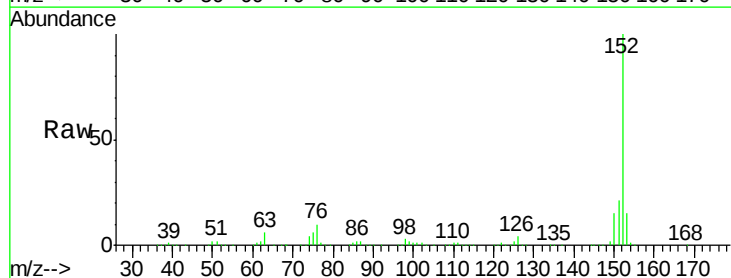
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

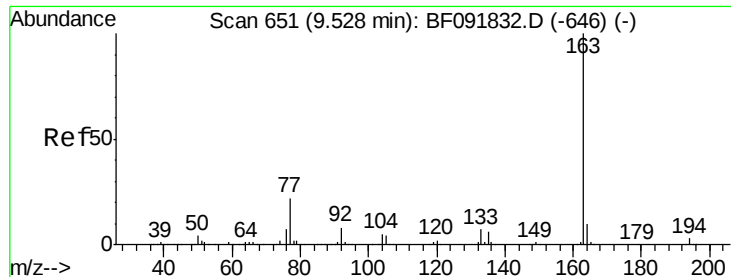
Tgt Ion: 65 Resp: 504518
Ion Ratio Lower Upper
65 100
92 65.9 53.9 80.9
138 93.2 76.8 115.2



#48
Acenaphthylene
Concen: 39.21 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion: 152 Resp: 2217535
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 14.5 11.4 17.2

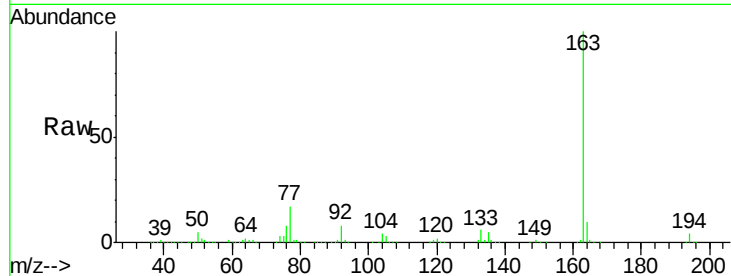




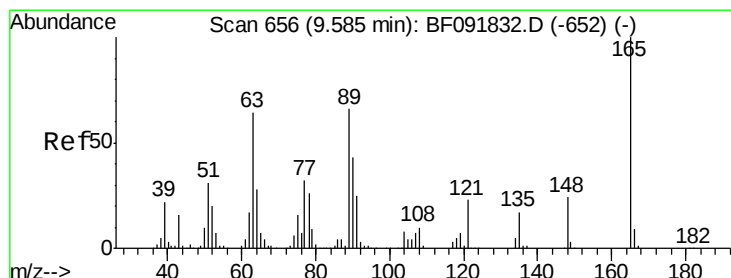
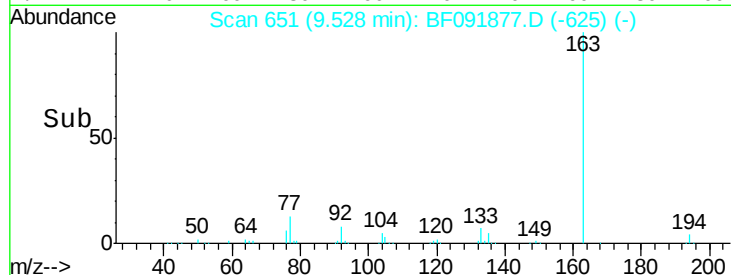
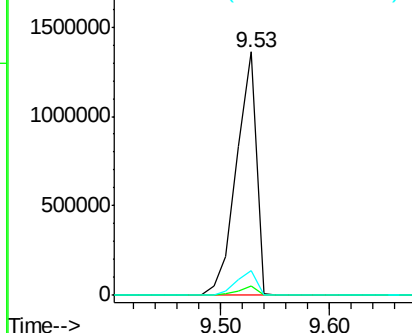
#49
Dimethylphthalate
Concen: 39.07 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1694860
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 8.0 12.0

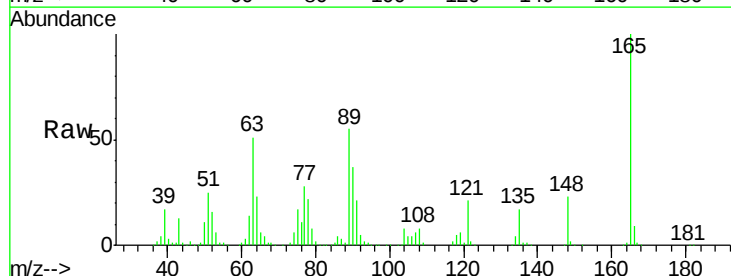


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

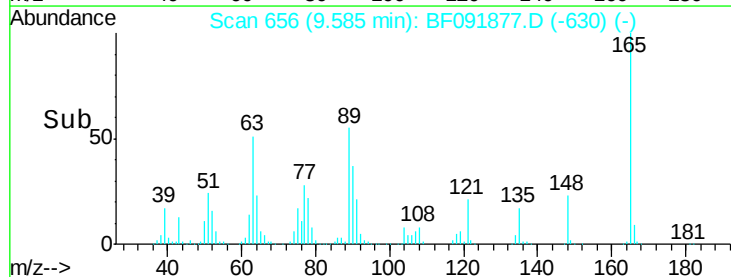
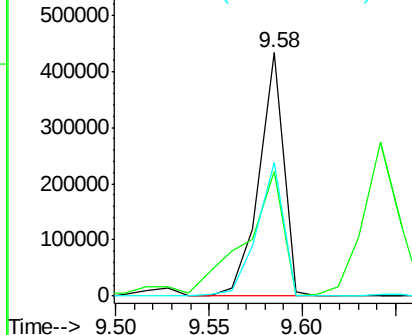


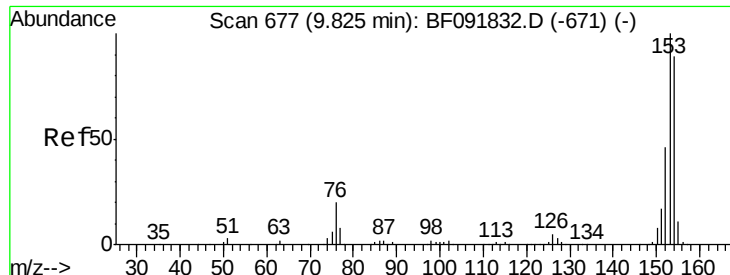
#50
2,6-Dinitrotoluene
Concen: 41.51 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:165 Resp: 394111
Ion Ratio Lower Upper
165 100
63 51.4 36.2 54.4
89 55.0 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.61 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

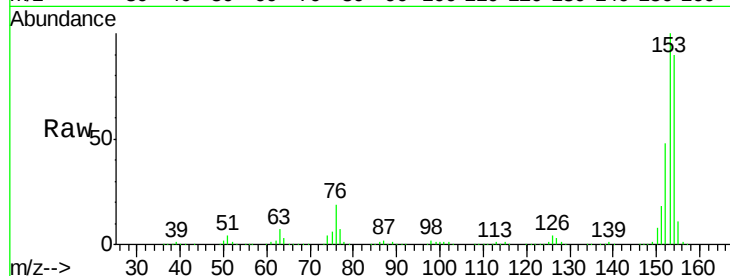
Tgt Ion:154 Resp: 1403547

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

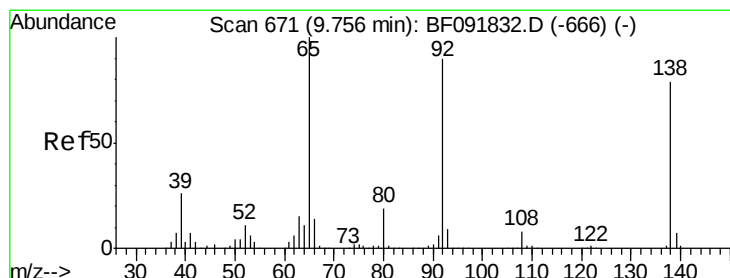
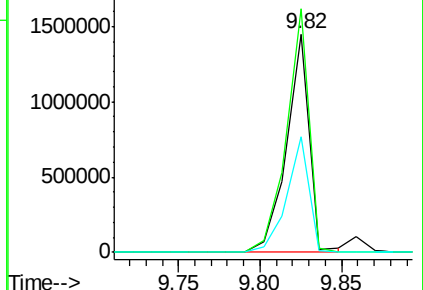
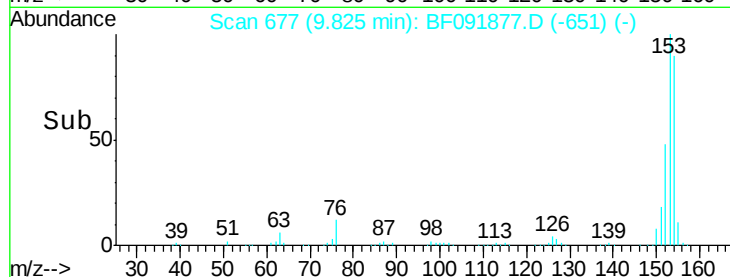
152 53.3 41.6 62.4



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



#52

3-Nitroaniline

Concen: 43.33 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

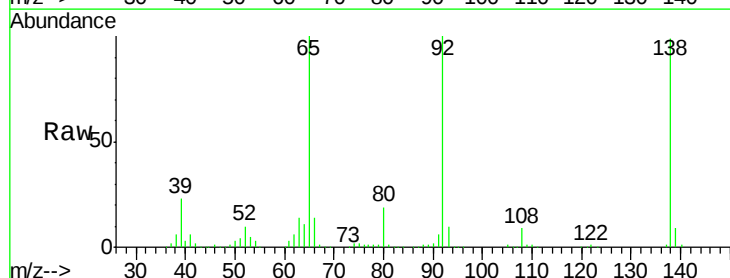
Tgt Ion:138 Resp: 509043

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

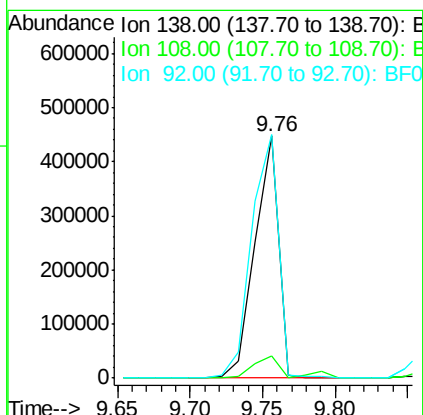
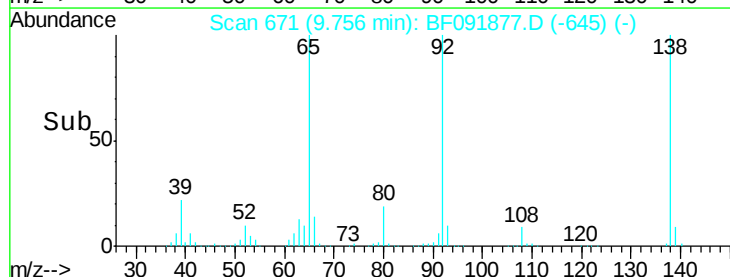
92 100.5 97.8 146.8

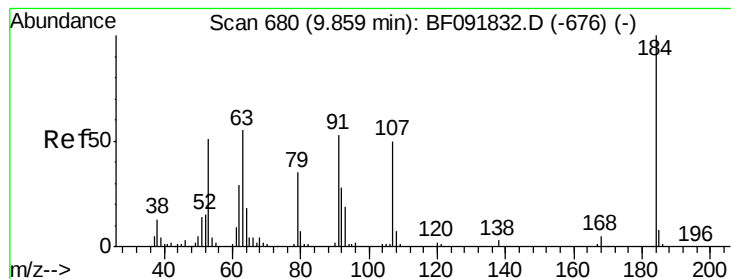


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.01 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

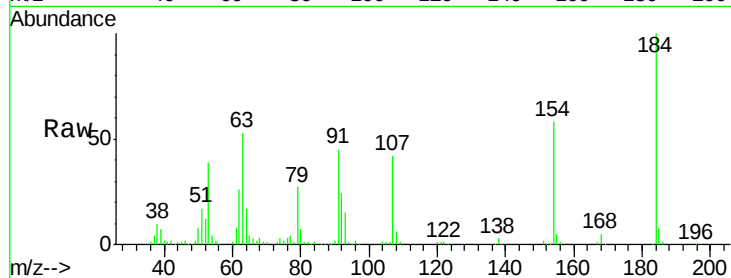
Tgt Ion:184 Resp: 184937

Ion Ratio Lower Upper

184 100

63 53.3 28.4 42.6#

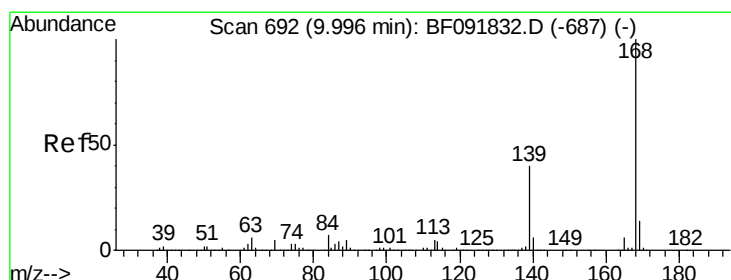
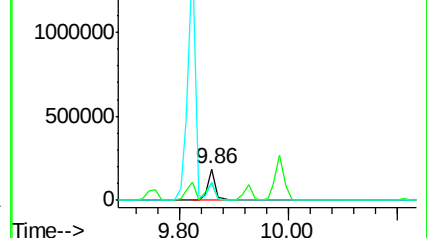
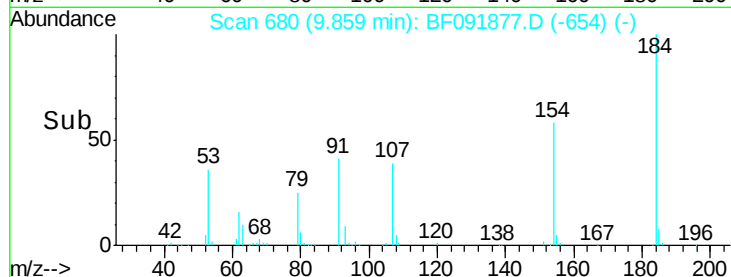
154 58.0 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.68 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

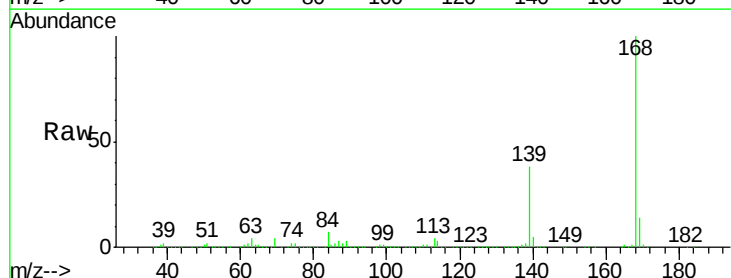
Tgt Ion:168 Resp: 1899362

Ion Ratio Lower Upper

168 100

139 38.0 32.6 49.0

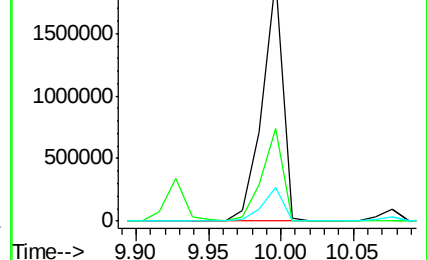
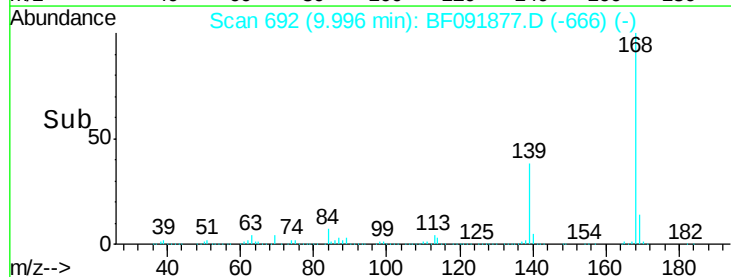
169 13.8 11.3 16.9

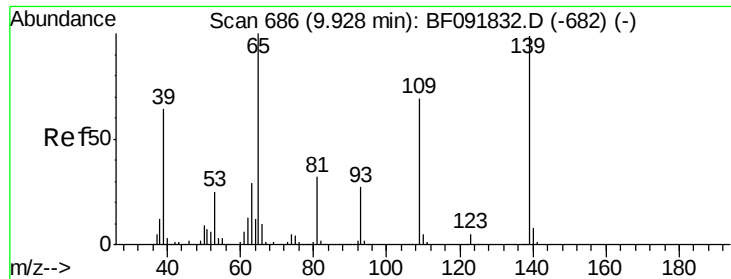


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

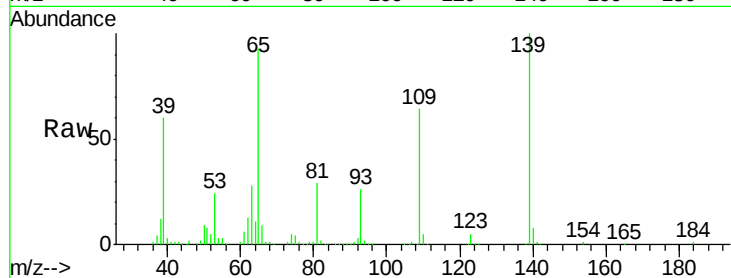




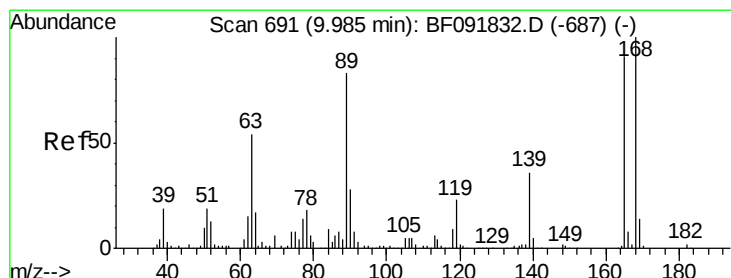
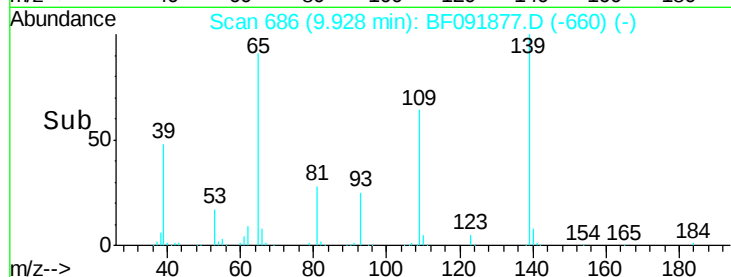
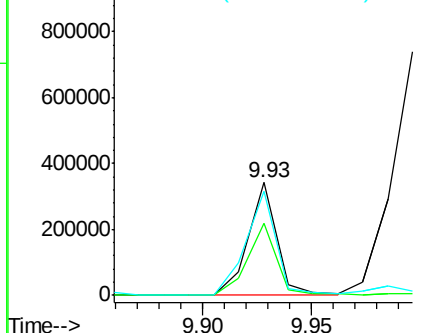
#55
4-Nitrophenol
Concen: 39.63 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 316174
Ion Ratio Lower Upper
139 100
109 64.4 52.2 92.2
65 92.6 85.8 125.8



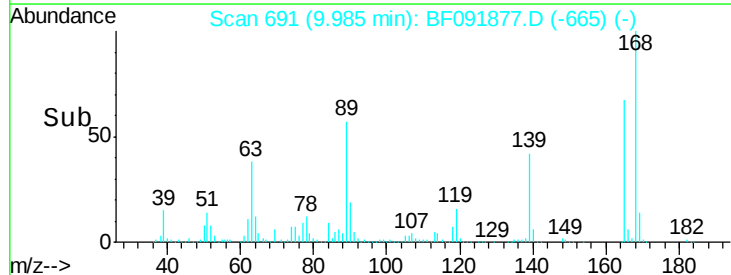
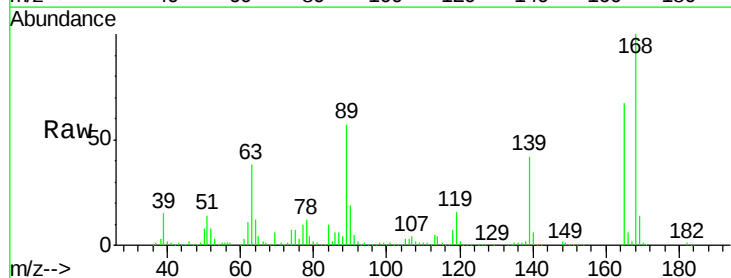
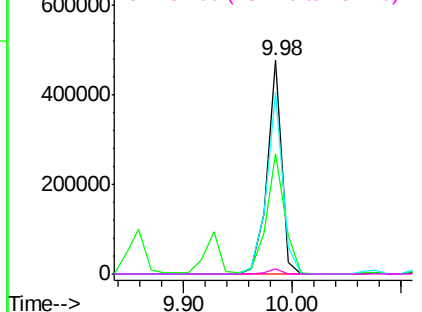
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

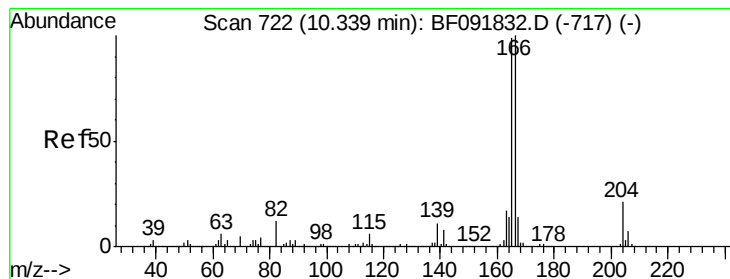


#56
2,4-Dinitrotoluene
Concen: 37.35 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:165 Resp: 445029
Ion Ratio Lower Upper
165 100
63 56.6 40.2 60.4
89 84.8 62.5 93.7
182 2.1 1.8 2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.71 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

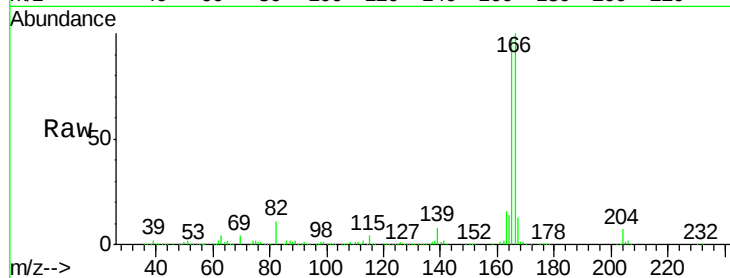
Tgt Ion:166 Resp: 1608919

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

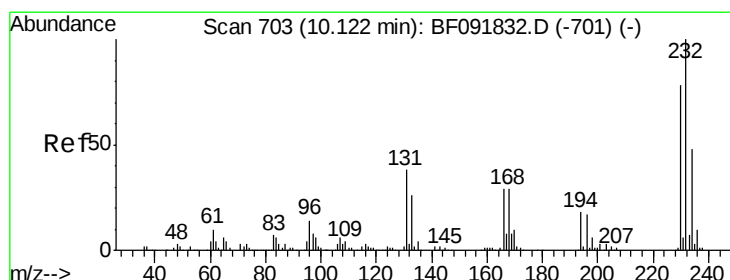
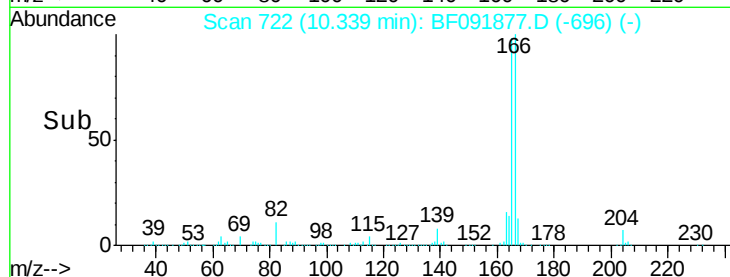
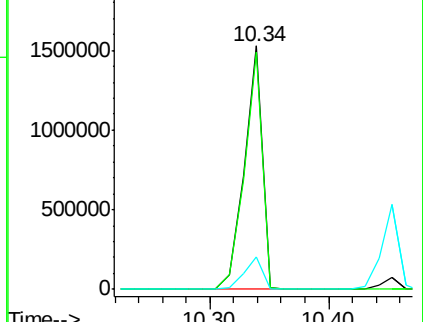
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.55 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Tgt Ion:232 Resp: 366234

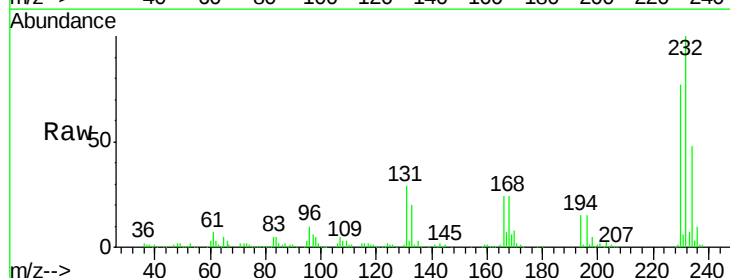
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.2 1.8 2.8

166 32.5 26.6 39.8

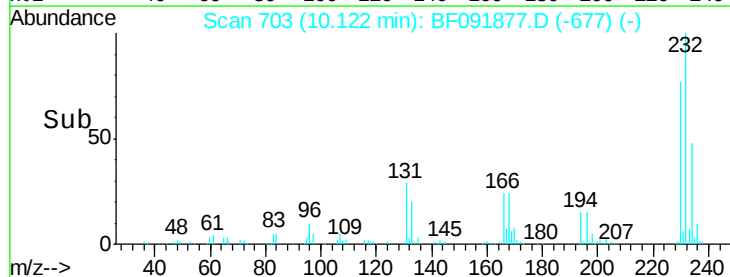
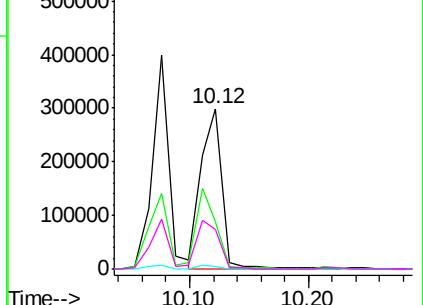


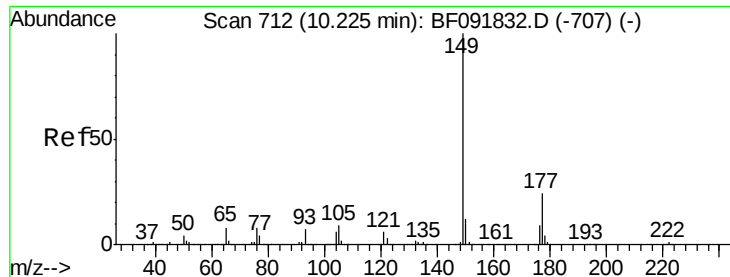
Abundance Ion 232.00 (231.70 to 232.70): E

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

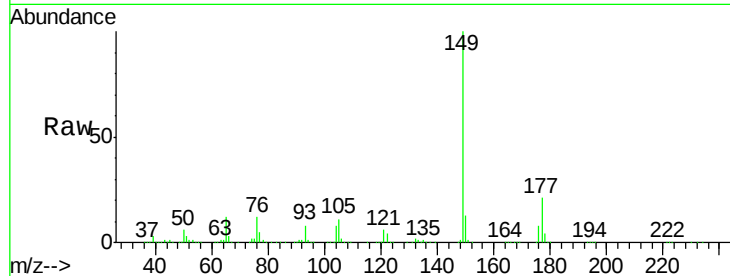




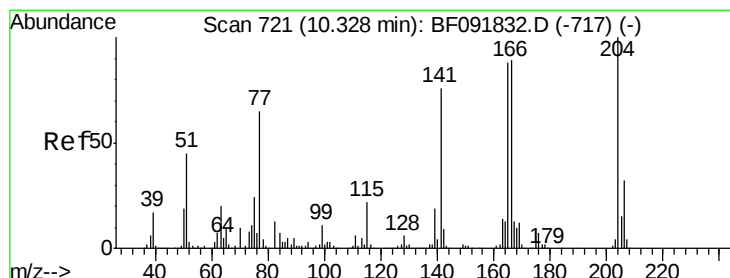
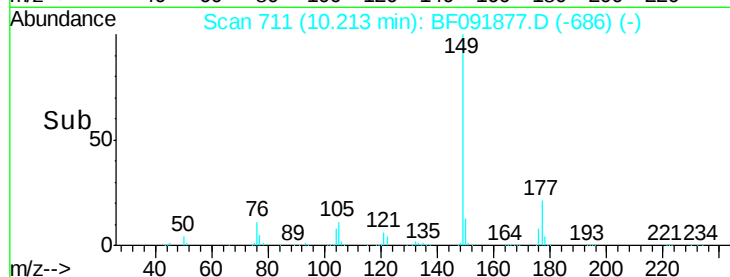
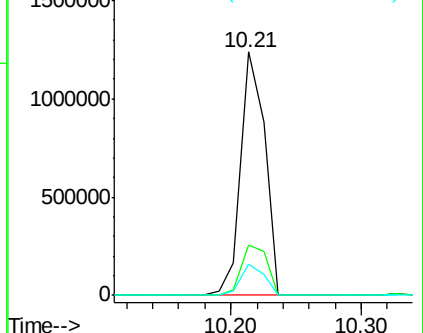
#59
Diethylphthalate
Concen: 37.64 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1585637
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.8 10.4 15.6

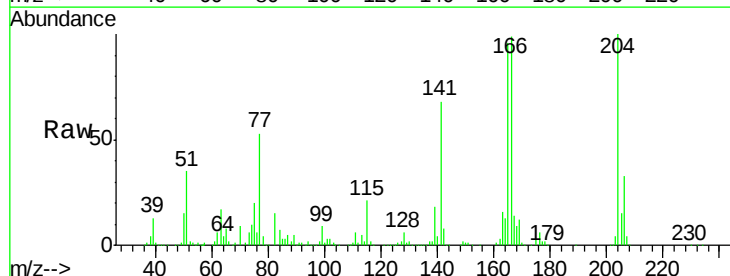


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

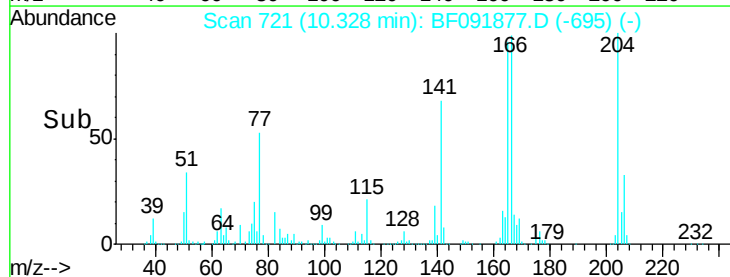
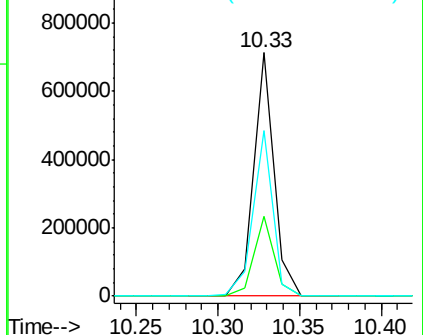


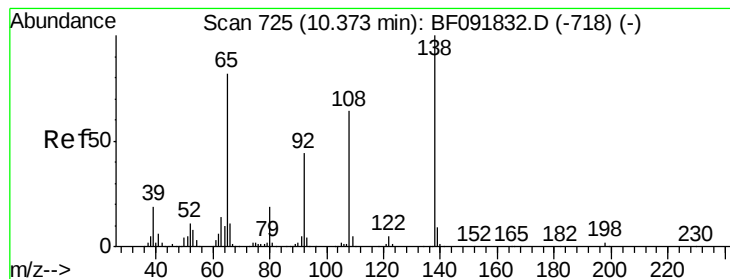
#60
4-Chlorophenyl-phenylether
Concen: 37.63 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:204 Resp: 620759
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 67.8 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.34 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

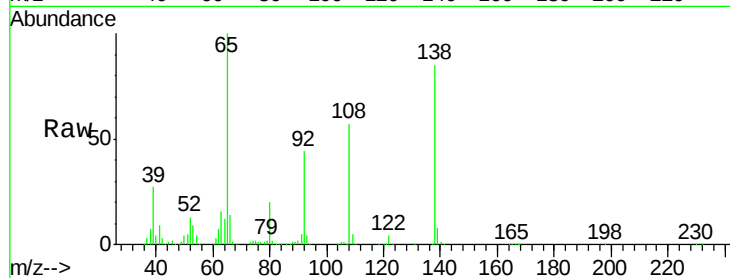
Tgt Ion:138 Resp: 503311

Ion Ratio Lower Upper

138 100

92 51.3 31.7 71.7

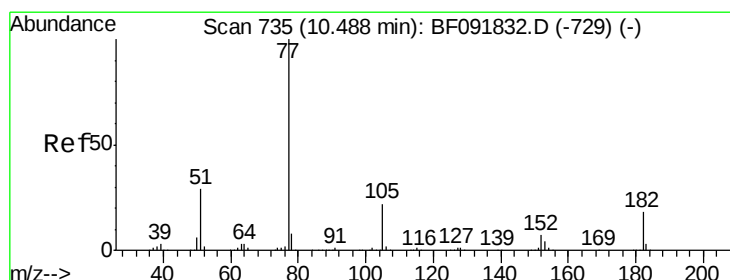
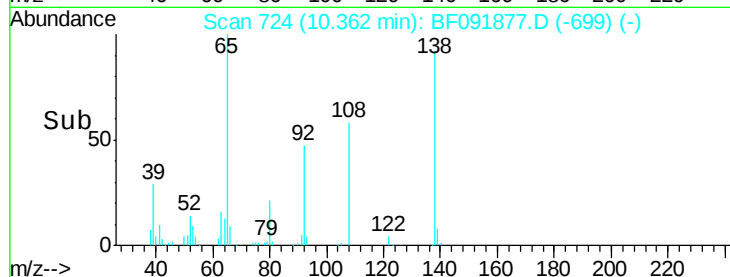
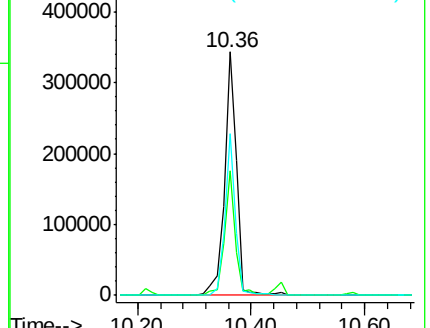
108 66.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.27 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Tgt Ion: 77 Resp: 1867782

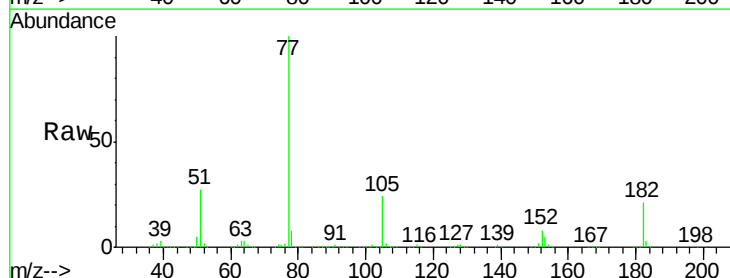
Ion Ratio Lower Upper

77 100

182 20.7 0.0 39.3

105 24.3 2.3 42.3

51 27.4 8.9 48.9

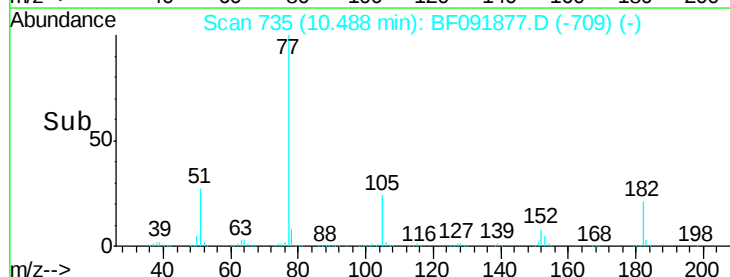
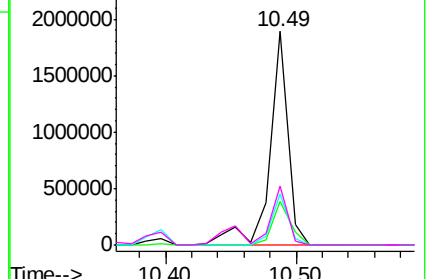


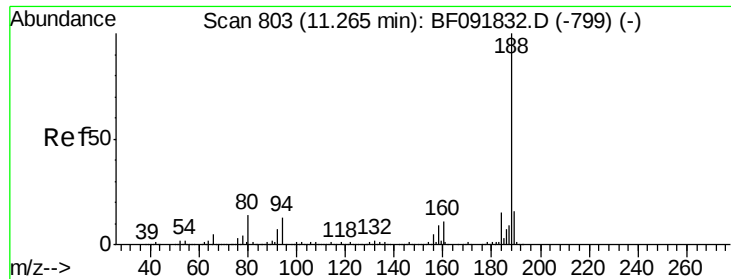
Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0

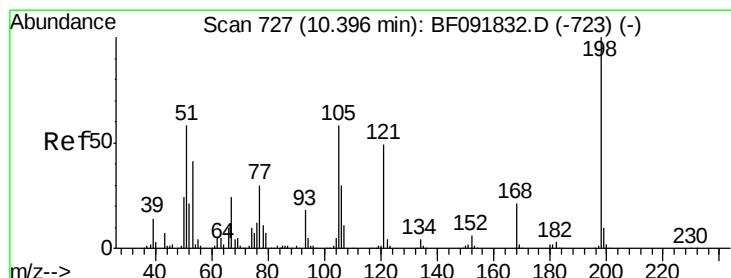
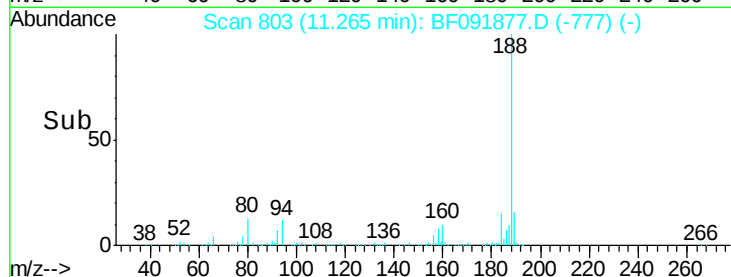
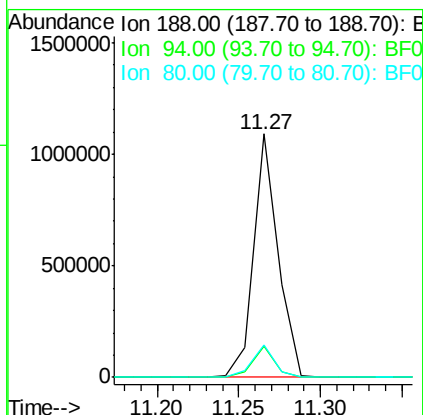
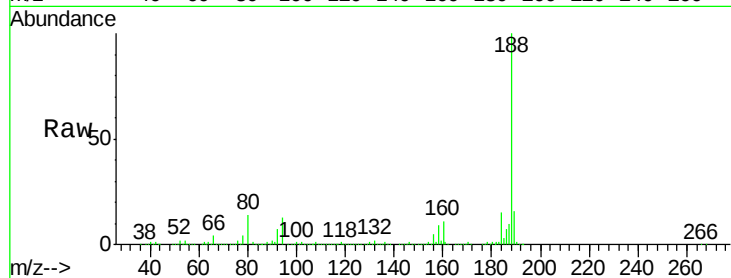




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

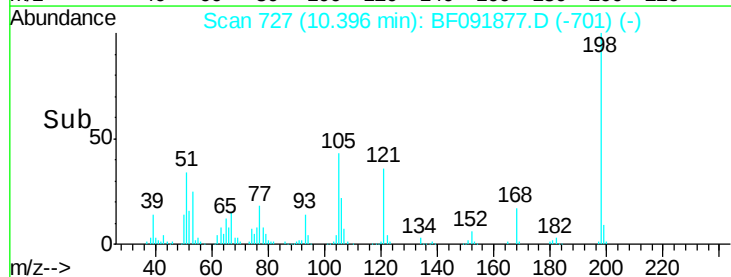
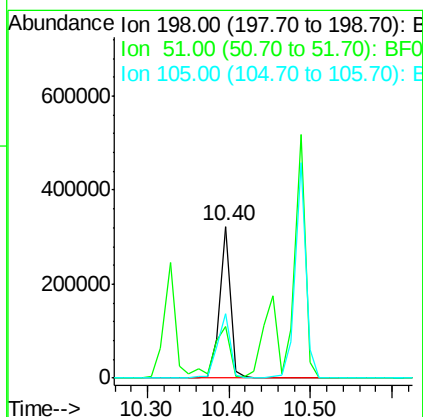
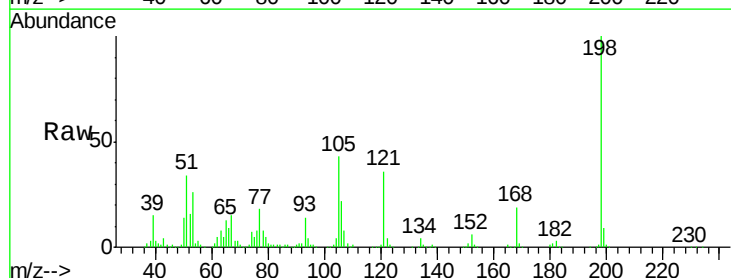
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

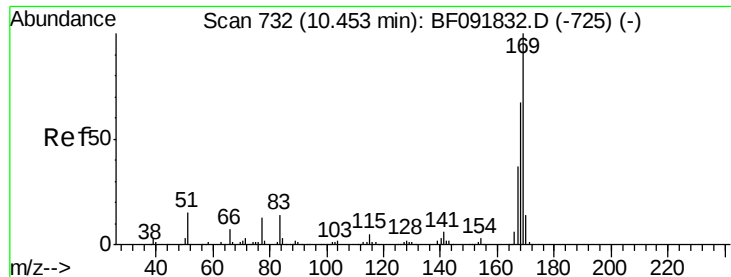
Tgt Ion:188 Resp: 1132373
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.65 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:198 Resp: 298890
Ion Ratio Lower Upper
198 100
51 33.8 6.7 46.7
105 42.6 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 41.68 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

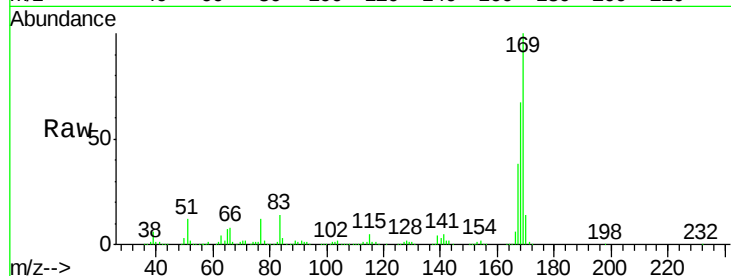
Tgt Ion:169 Resp: 1400383

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

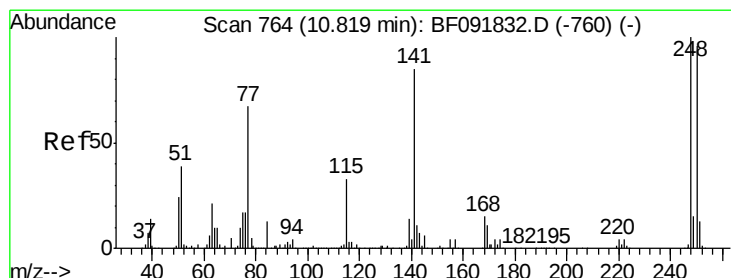
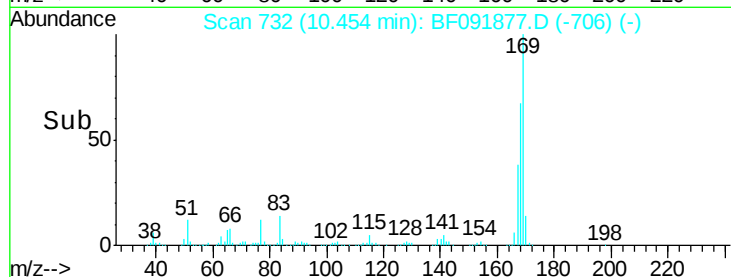
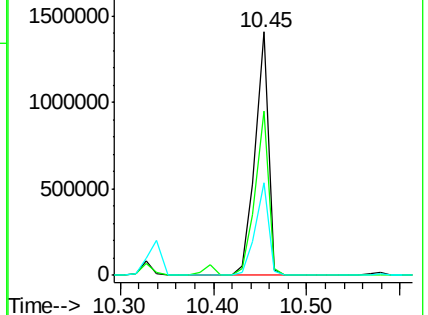
167 37.9 30.2 45.4



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



#66

4-Bromophenyl-phenylether

Concen: 39.97 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

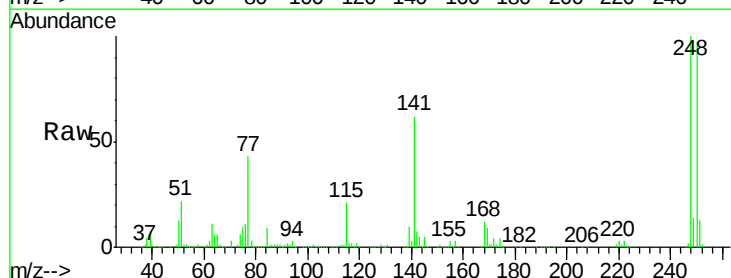
Tgt Ion:248 Resp: 470787

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

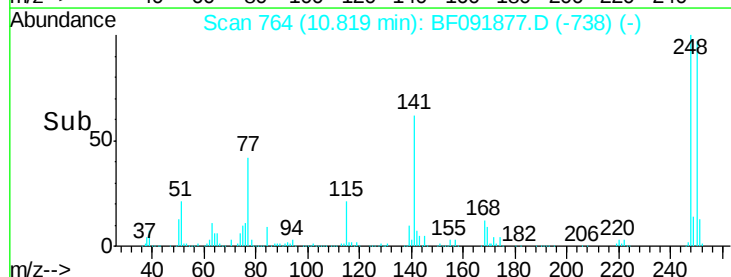
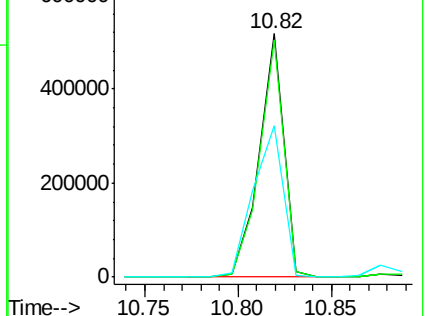
141 62.0 68.2 102.4#

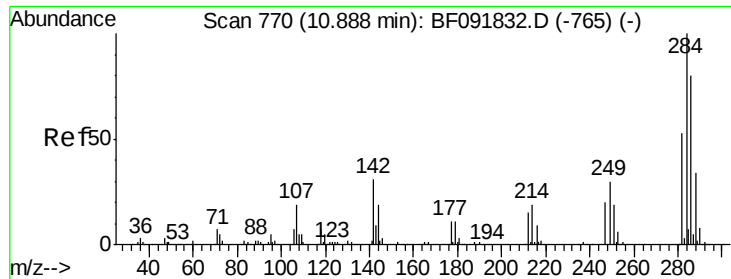


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

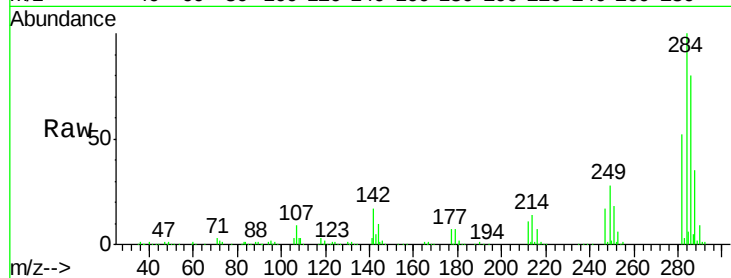




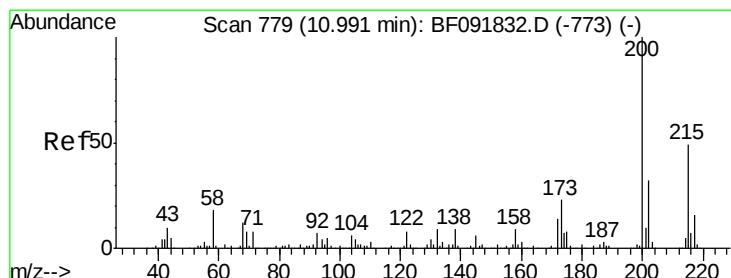
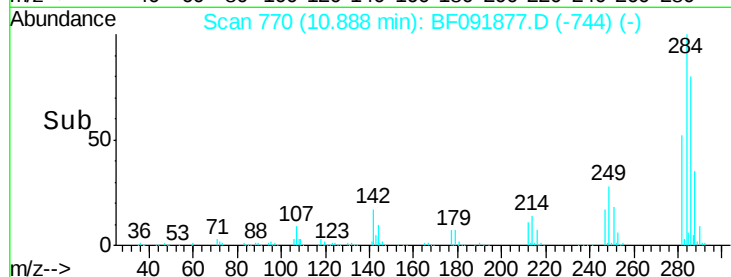
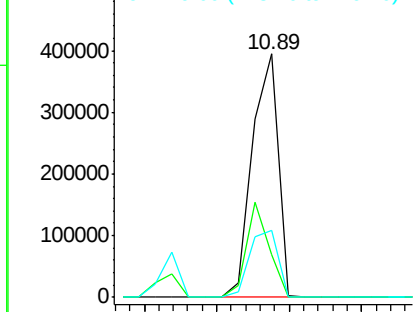
#67
Hexachlorobenzene
Concen: 38.82 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 488735
Ion Ratio Lower Upper
284 100
142 17.4 22.6 33.8#
249 27.6 25.4 38.0

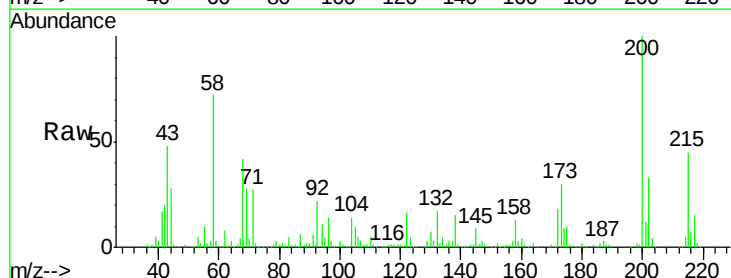


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

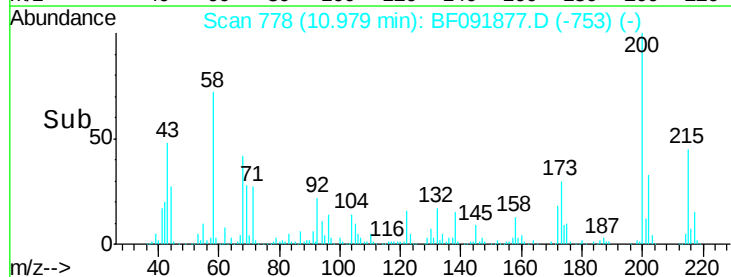
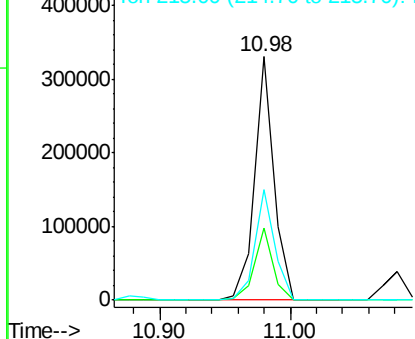


#68
Atrazine
Concen: 31.66 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:200 Resp: 343156
Ion Ratio Lower Upper
200 100
173 29.7 9.6 49.6
215 45.1 25.7 65.7



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

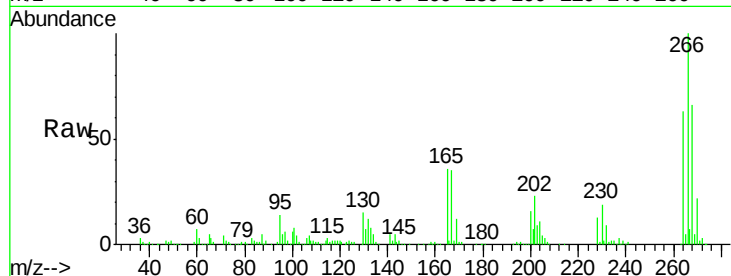




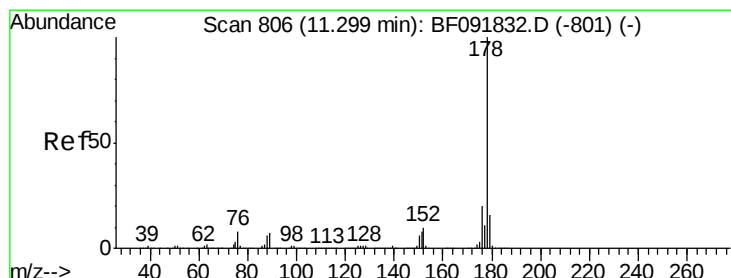
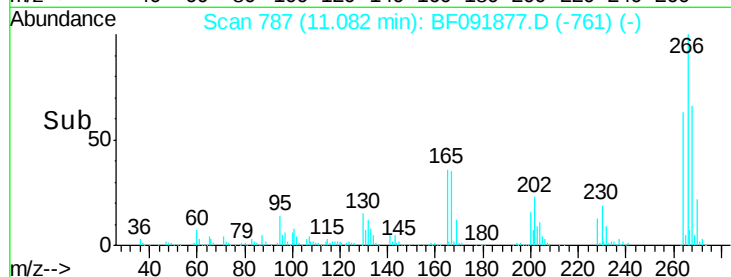
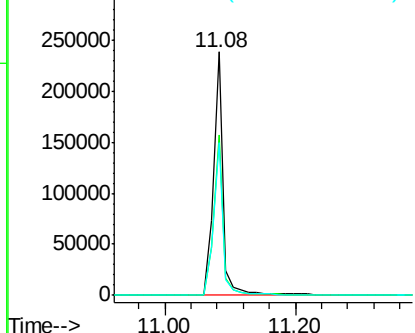
#69
 Pentachlorophenol
 Concen: 40.83 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 252244
 Ion Ratio Lower Upper
 266 100
 268 65.9 53.3 79.9
 264 62.8 50.3 75.5

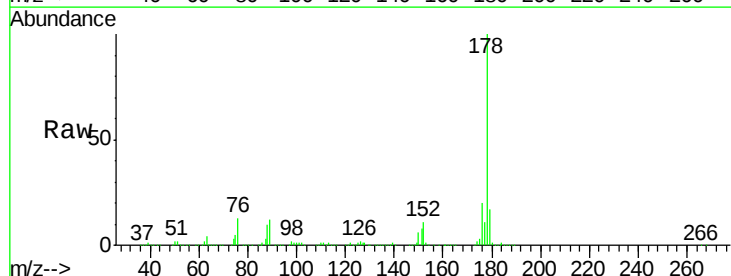


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

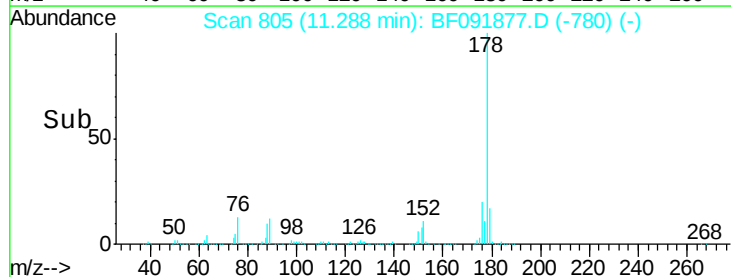
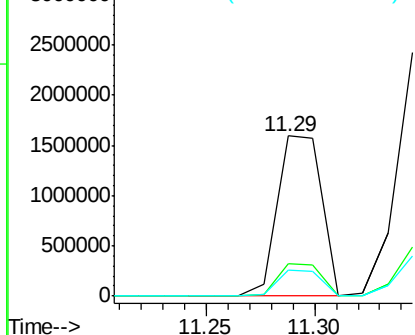


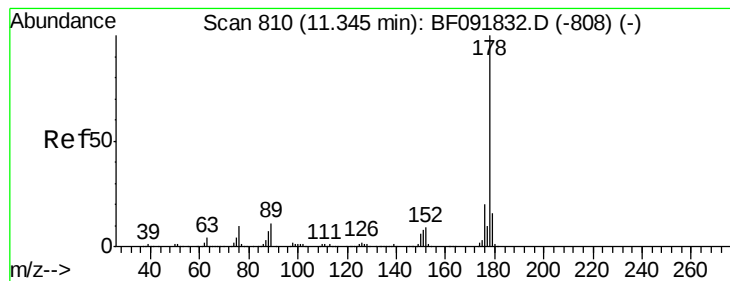
#70
 Phenanthrene
 Concen: 36.85 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion: 178 Resp: 2262624
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 16.6 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





#71

Anthracene

Concen: 39.13 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

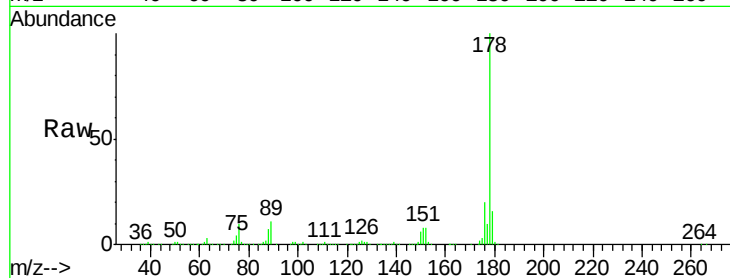
Tgt Ion:178 Resp: 2226606

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

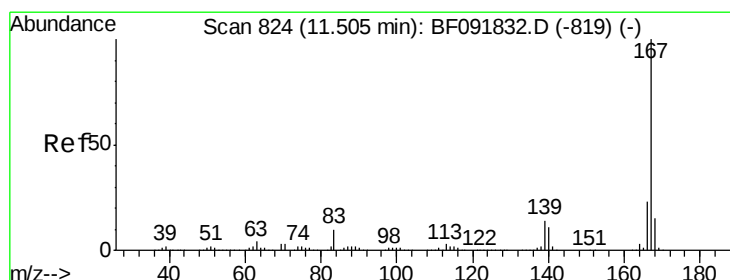
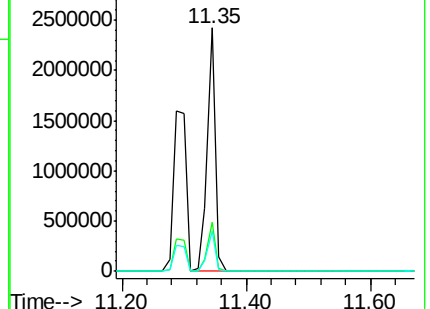
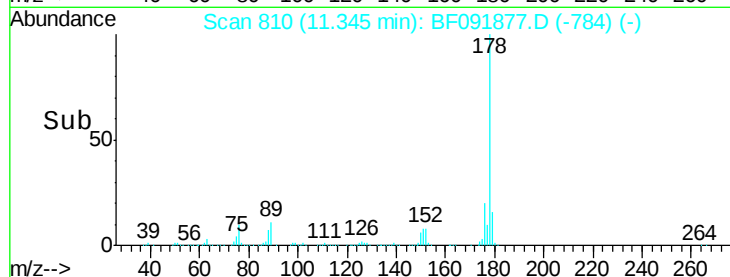
179 16.4 13.2 19.8



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

Carbazole

Concen: 42.33 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

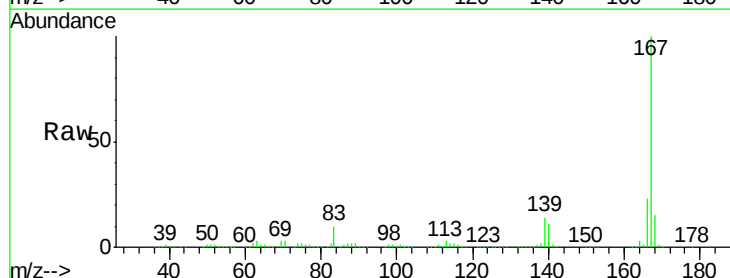
Tgt Ion:167 Resp: 2196990

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

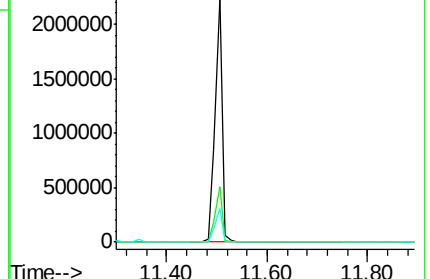
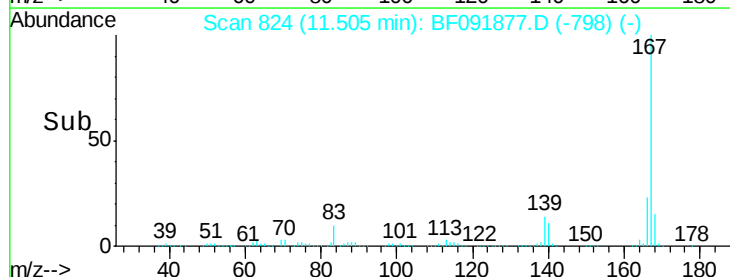
139 14.0 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 38.33 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

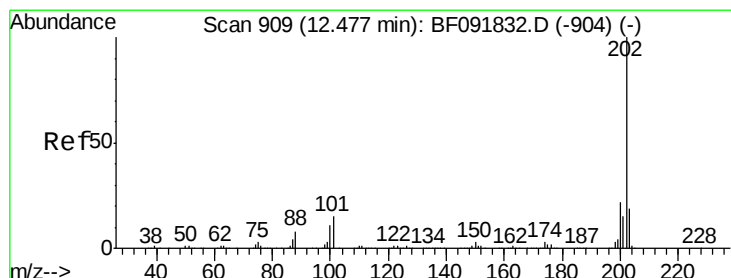
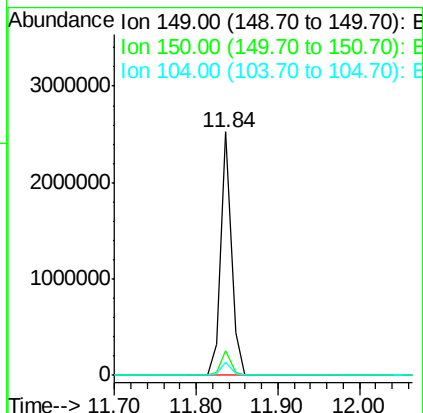
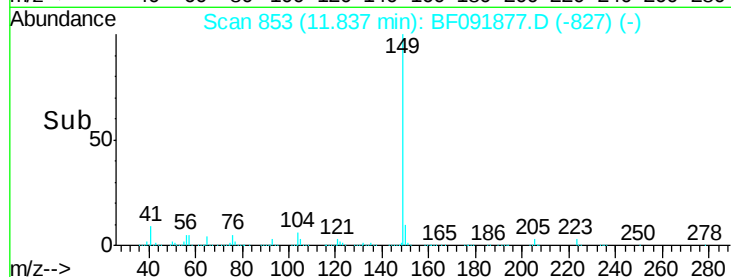
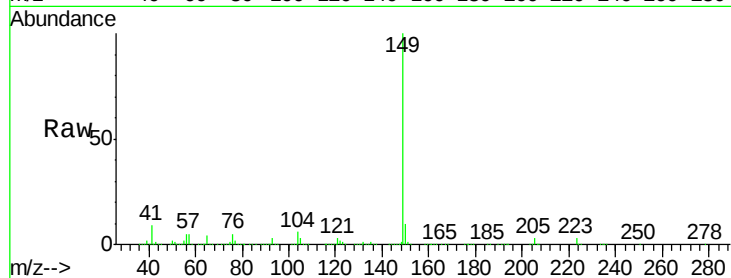
Tgt Ion:149 Resp: 2265592

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

104 5.6 4.6 7.0



#74

Fluoranthene

Concen: 38.41 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

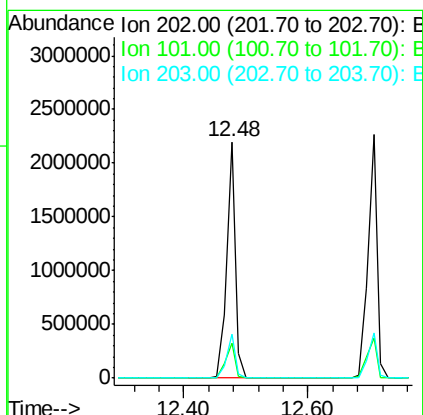
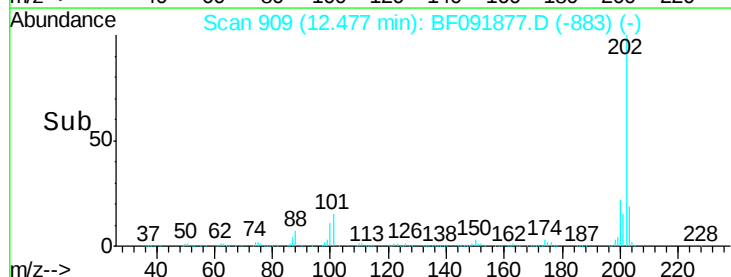
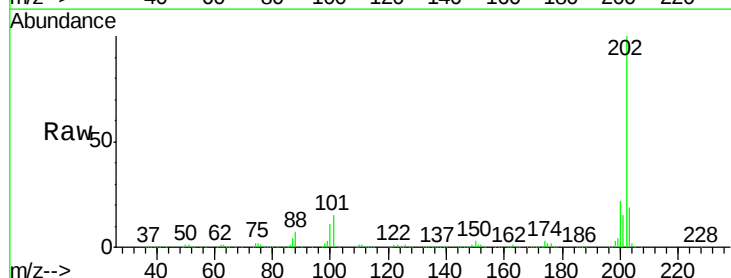
Tgt Ion:202 Resp: 2099330

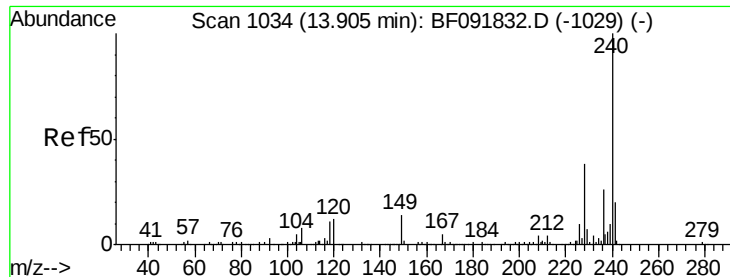
Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

203 18.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

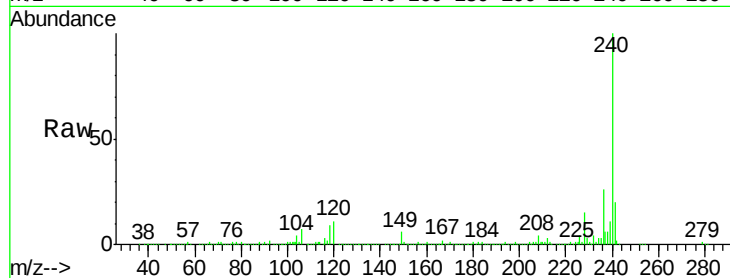
Tgt Ion:240 Resp: 828066

Ion Ratio Lower Upper

240 100

120 10.7 12.9 19.3#

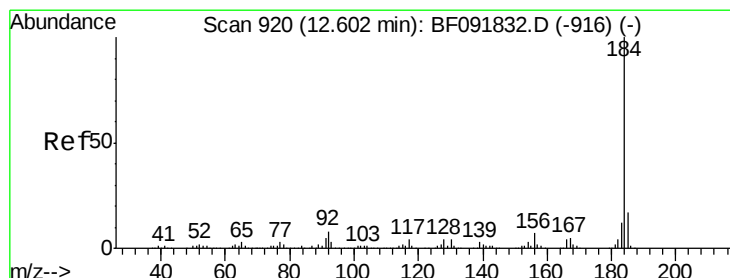
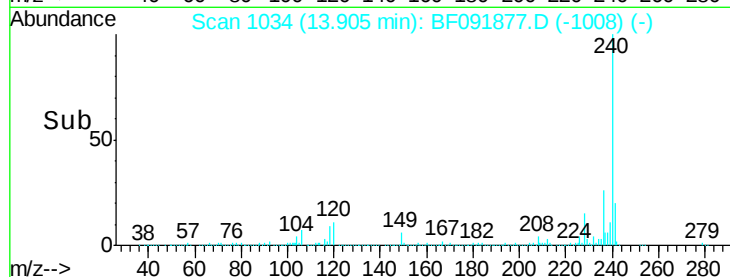
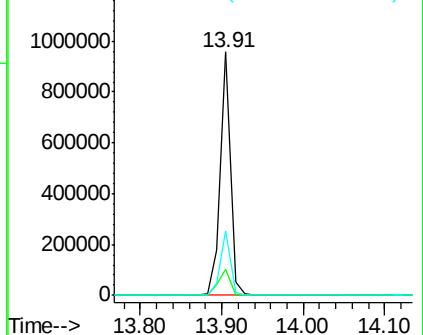
236 26.4 20.9 31.3



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



#76

Benzidine

Concen: 34.18 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

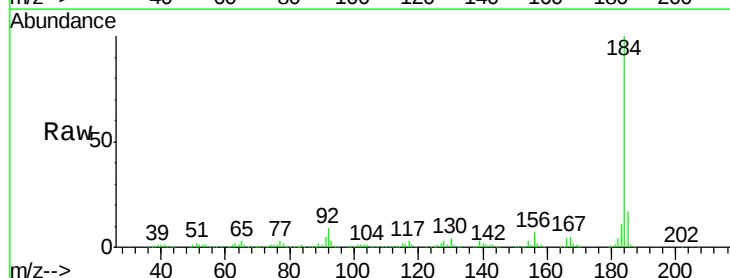
Tgt Ion:184 Resp: 763984

Ion Ratio Lower Upper

184 100

185 17.1 13.4 20.0

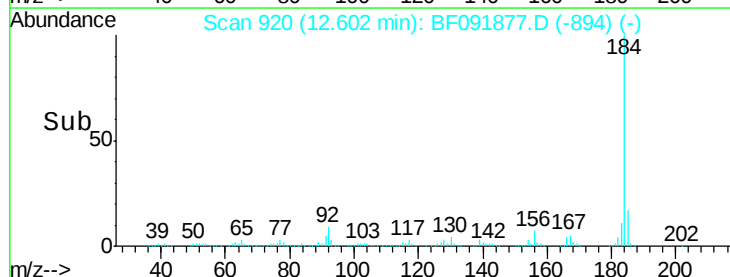
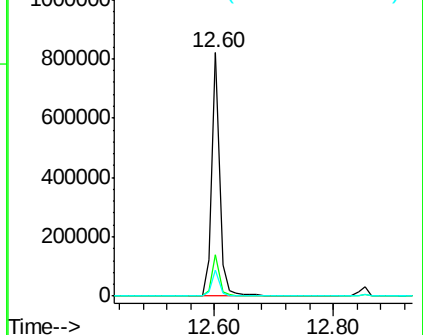
183 10.8 9.2 13.8

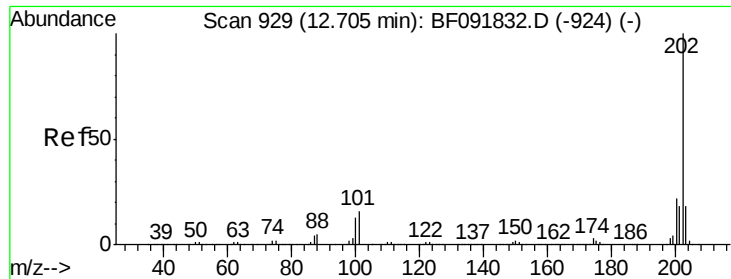


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

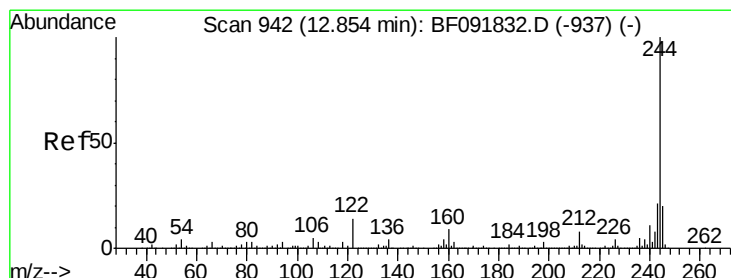
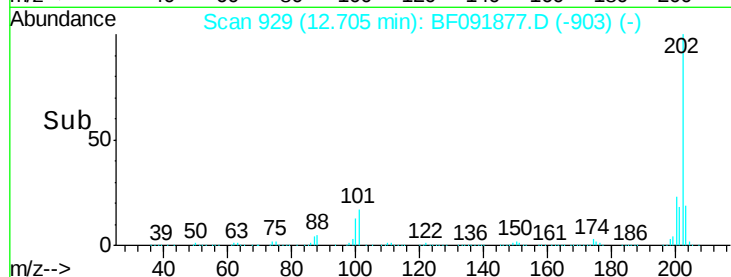
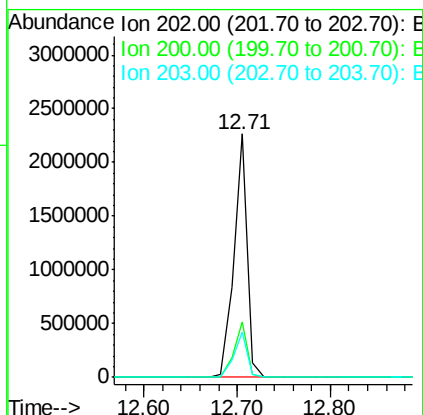
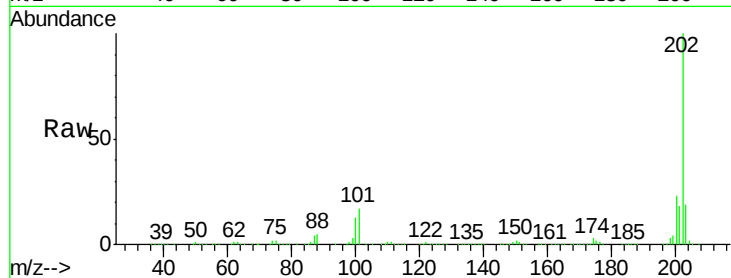




#77
 Pyrene
 Concen: 36.99 ng
 RT: 12.71 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

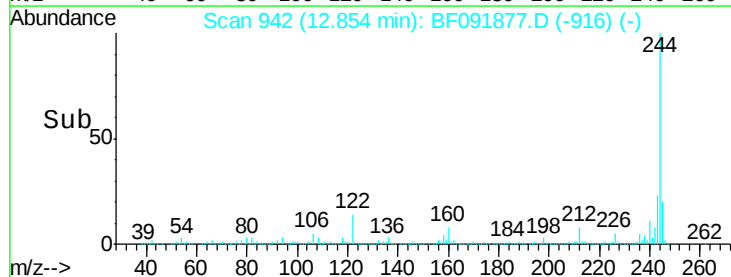
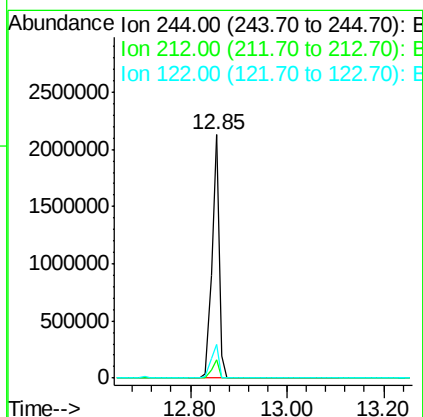
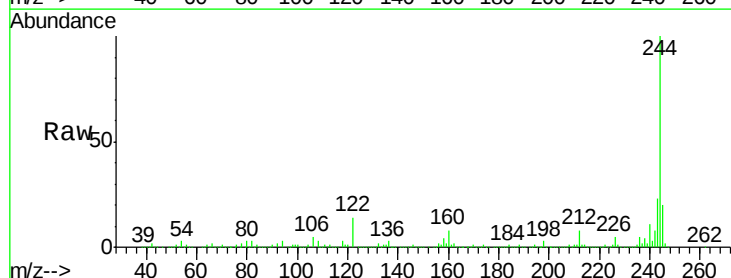
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

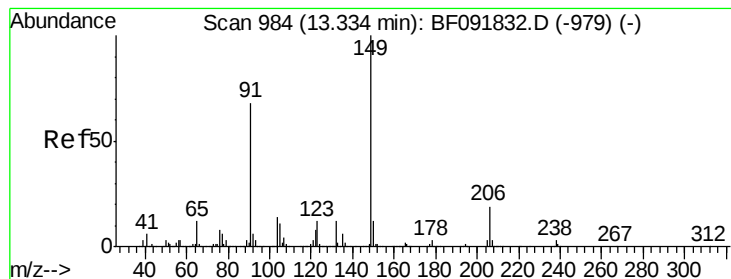
Tgt Ion:202 Resp: 2247248
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 18.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 66.18 ng
 RT: 12.85 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:244 Resp: 2259549
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.7 11.4 17.2





#79

Butylbenzylphthalate

Concen: 40.71 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

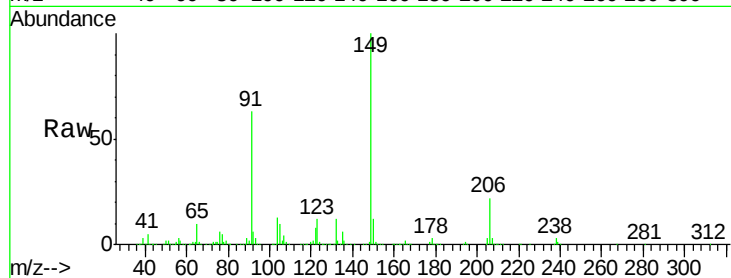
Tgt Ion:149 Resp: 1124788

Ion Ratio Lower Upper

149 100

91 63.1 63.9 95.9#

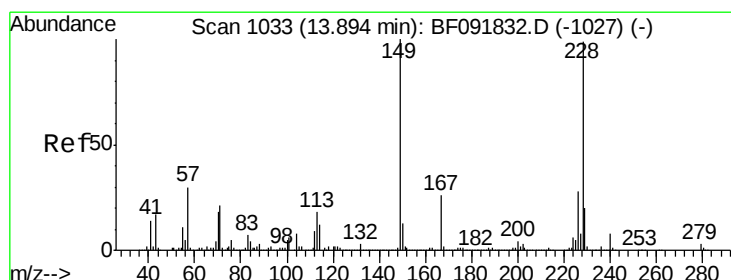
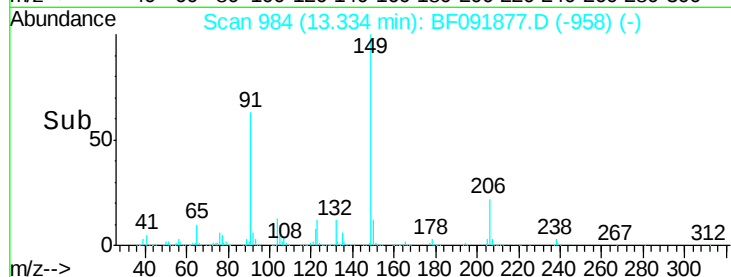
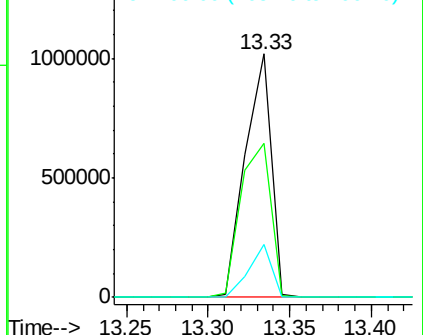
206 21.6 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.56 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF091877.D

Acq: 22 Dec 2016 11:11

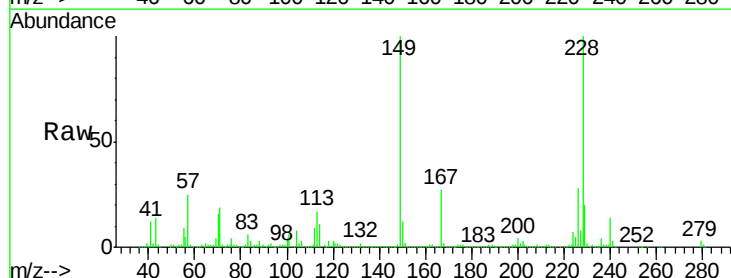
Tgt Ion:228 Resp: 1615376

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

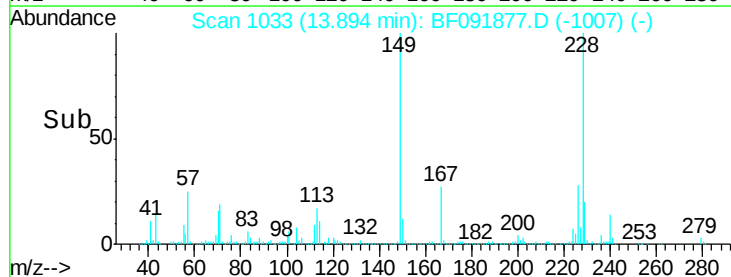
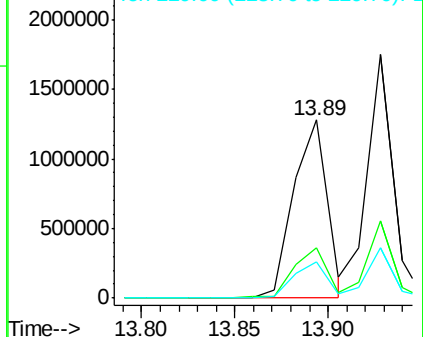
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

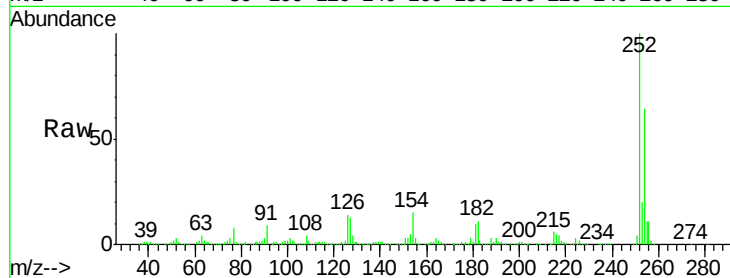




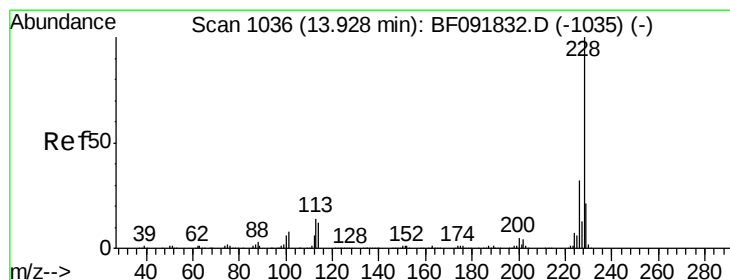
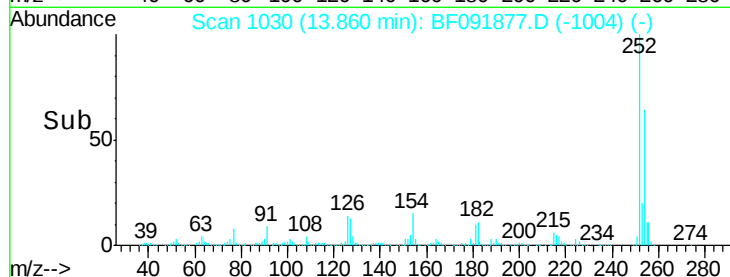
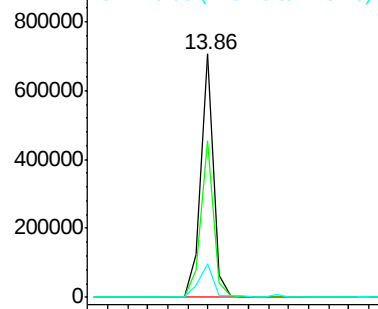
#81
 3,3'-Dichlorobenzidine
 Concen: 35.28 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 625302
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 13.7 13.6 20.4

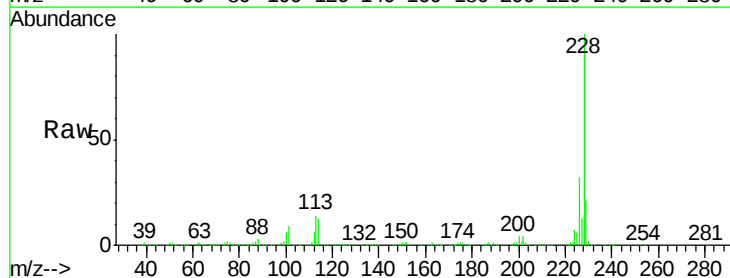


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

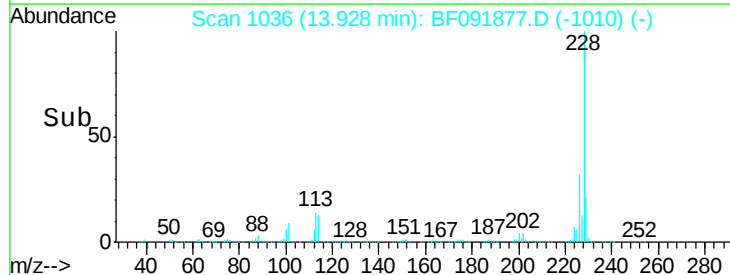
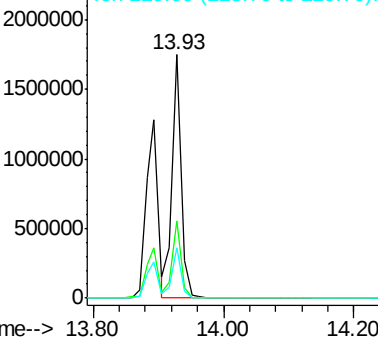


#82
 Chrysene
 Concen: 35.54 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion: 228 Resp: 1666393
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 20.7 16.2 24.2



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

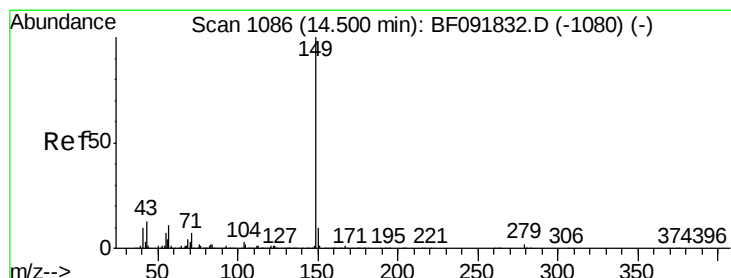
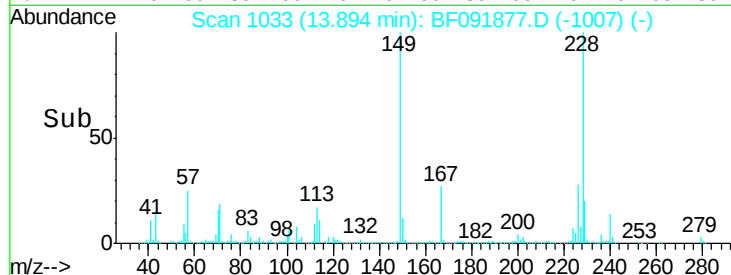
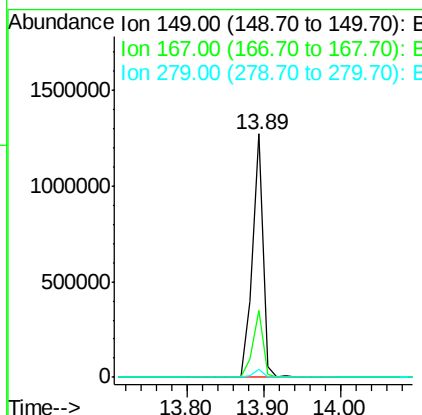
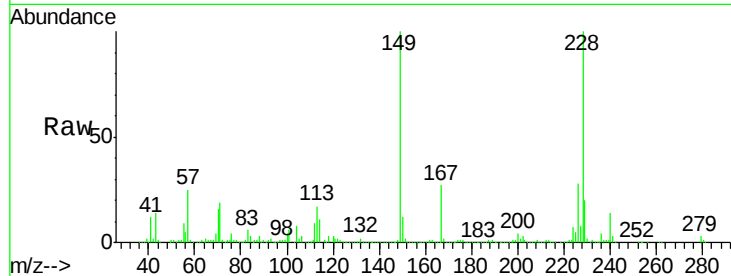




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.95 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

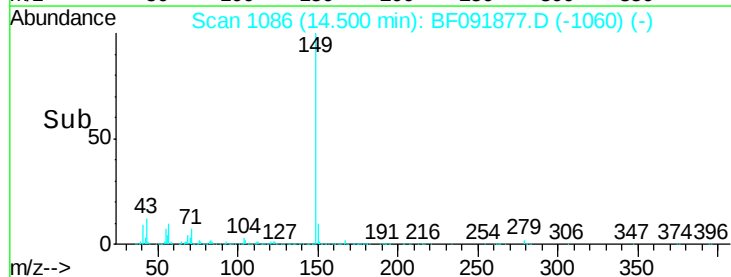
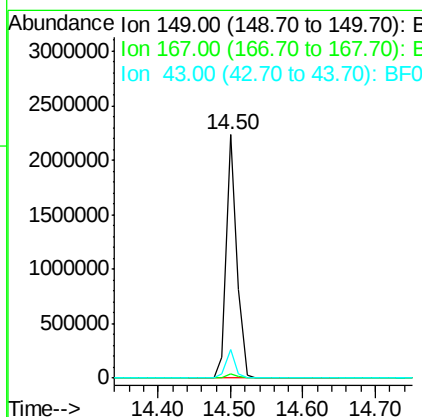
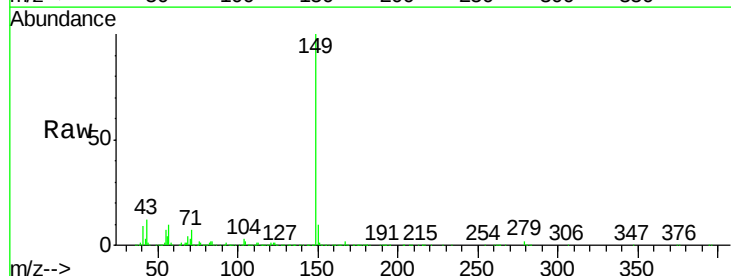
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

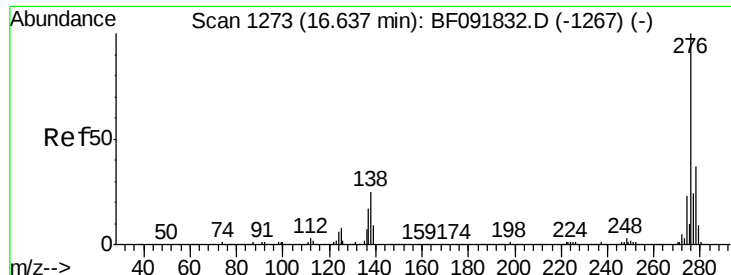
Tgt Ion:149 Resp: 1202395
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.2 30.4
 279 3.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 37.38 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion:149 Resp: 2253048
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3

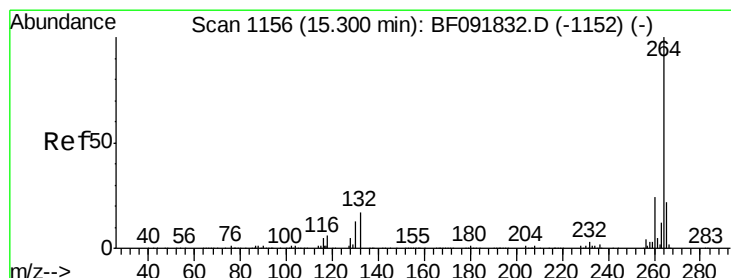
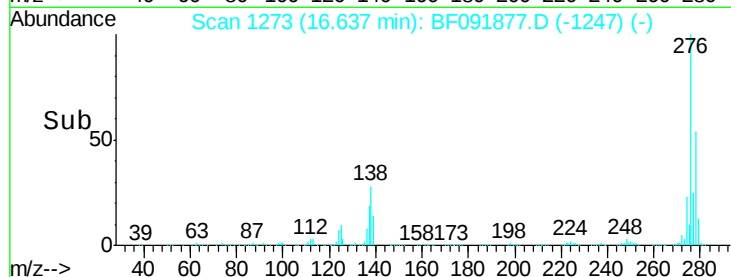
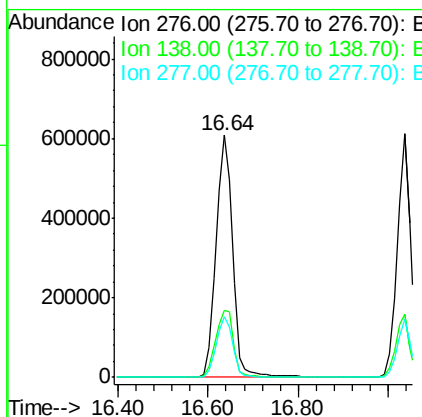
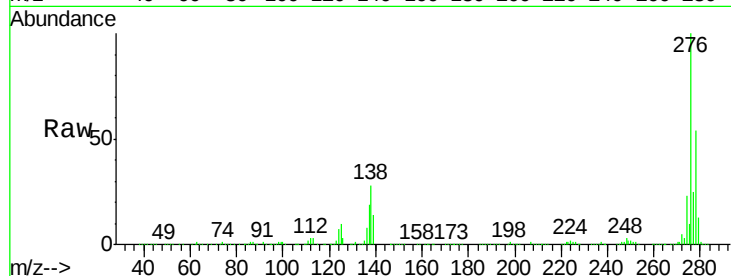




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.58 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

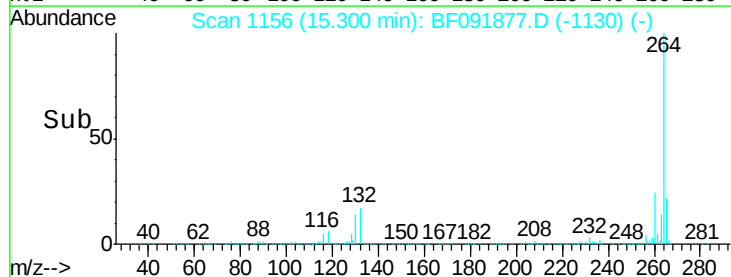
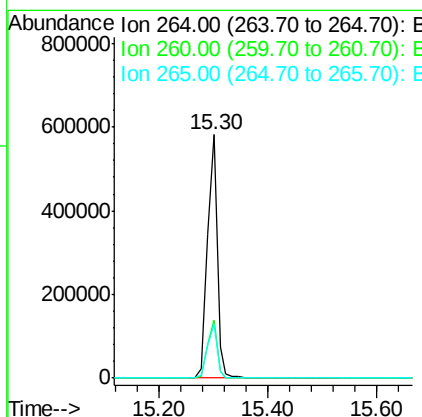
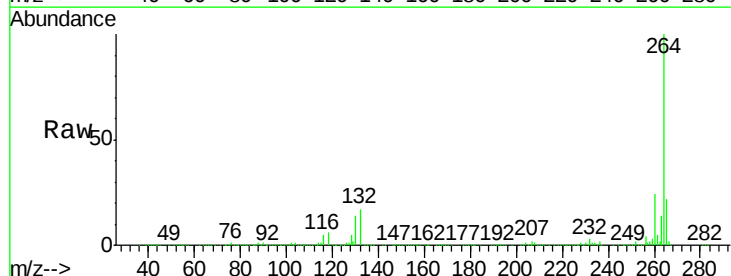
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

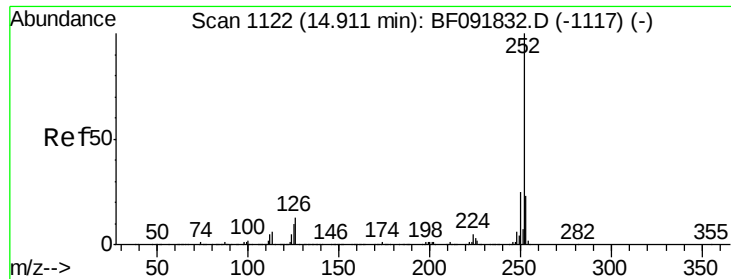
Tgt Ion: 276 Resp: 1567192
 Ion Ratio Lower Upper
 276 100
 138 30.2 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Tgt Ion: 264 Resp: 724054
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 17.4 26.0

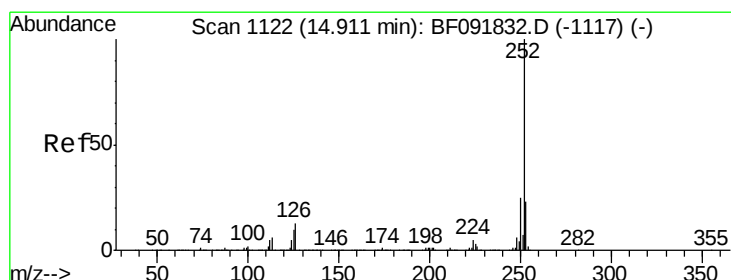
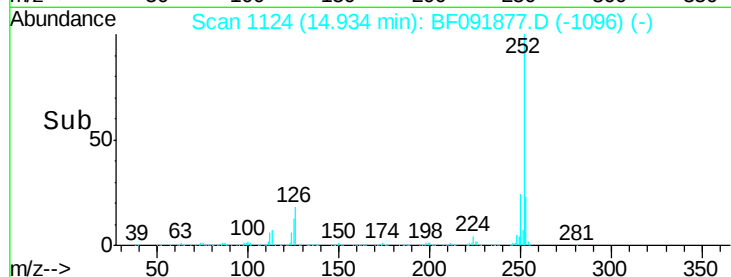
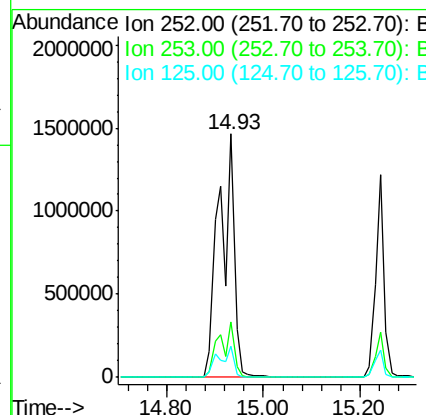
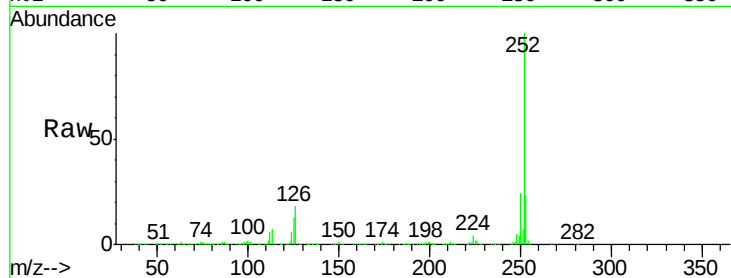




#87
Benzo(b)fluoranthene
Concen: 70.86 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

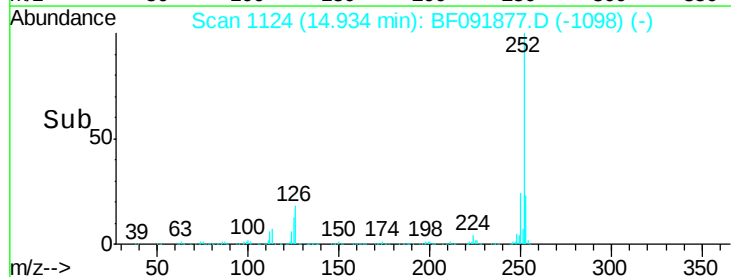
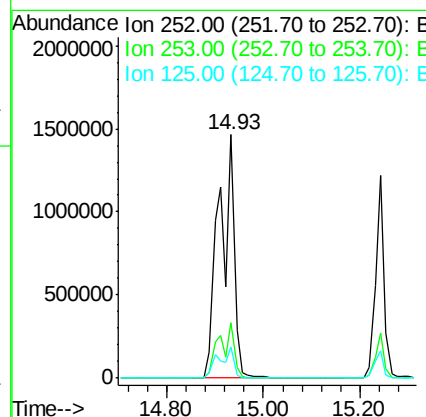
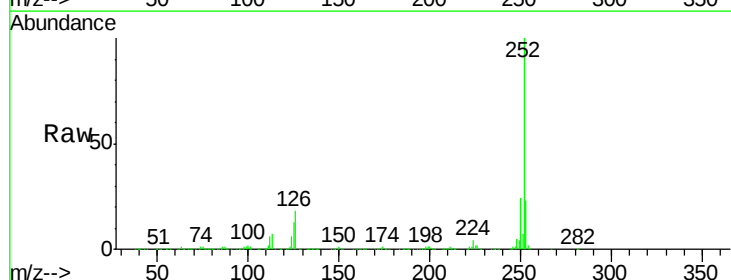
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 3194186
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 83.09 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:252 Resp: 3194186
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 12.6 8.9 13.3

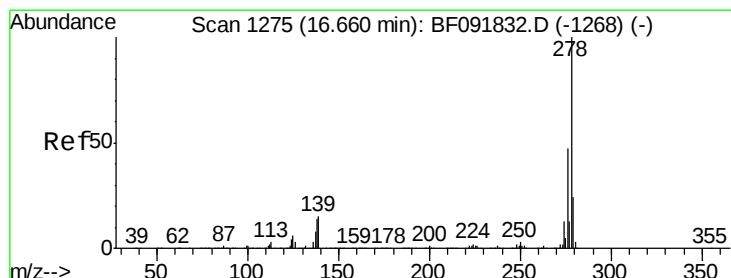
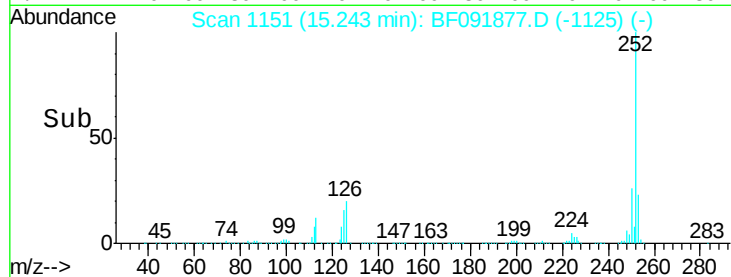
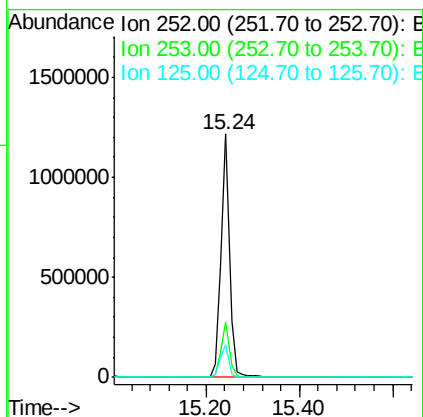
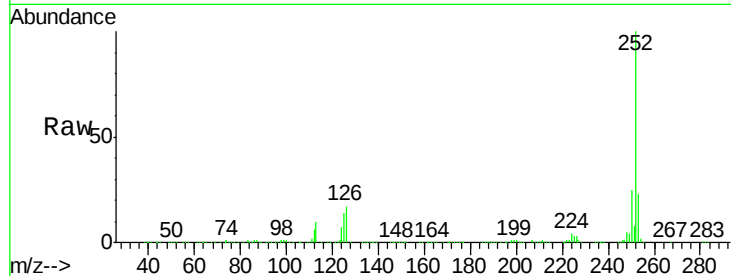




#89
Benzo(a)pyrene
Concen: 37.53 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

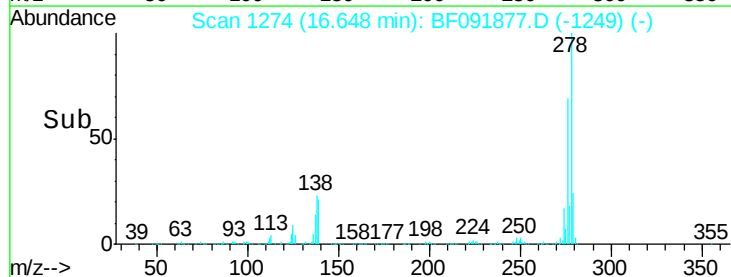
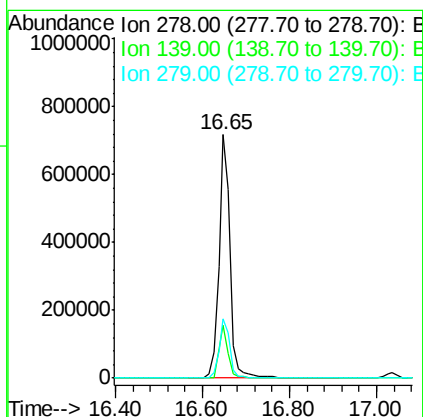
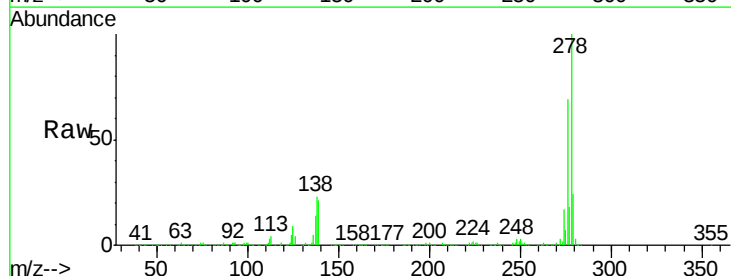
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

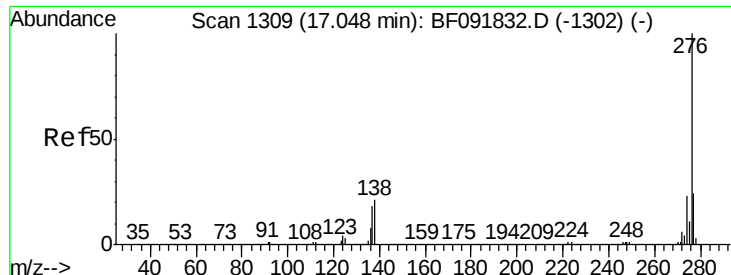
Tgt Ion:252 Resp: 1501619
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 13.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.71 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091877.D
Acq: 22 Dec 2016 11:11

Tgt Ion:278 Resp: 1305968
Ion Ratio Lower Upper
278 100
139 21.5 14.8 22.2
279 24.2 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 38.80 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091877.D
 Acq: 22 Dec 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1326912
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.2 28.8
 138 26.0 16.0 24.0#

