

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091167.D
 Acq On : 15 Nov 2016 9:18
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 16 00:22:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	170713	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	707855	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	393142	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	651557	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	522961	20.00	ng	-0.03
86) Perylene-d12	15.15	264	430214	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	895586	86.64	ng	-0.02
7) Phenol-d6	6.29	99	1078250	76.85	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1009853	77.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	317124	89.22	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1733274	75.90	ng	-0.03
78) Terphenyl-d14	12.74	244	2020109	96.39	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	225562	38.15	ng	91
3) Pyridine	2.74	79	559235	40.43	ng	95
4) n-Nitrosodimethylamine	2.70	42	198696	36.31	ng	82
6) Aniline	6.30	93	674219	40.74	ng	# 67
8) 2-Chlorophenol	6.42	128	509358	41.31	ng	96
9) Benzaldehyde	6.18	77	287564	36.93	ng	99
10) Phenol	6.30	94	619747	39.91	ng	# 81
11) bis(2-Chloroethyl)ether	6.38	93	529278	40.45	ng	87
12) 1,3-Dichlorobenzene	6.58	146	517387	41.49	ng	97
13) 1,4-Dichlorobenzene	6.65	146	537370m	40.16	ng	
14) 1,2-Dichlorobenzene	6.81	146	536102	43.66	ng	98
15) Benzyl Alcohol	6.80	79	404237	40.85	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	654744	34.95	ng	# 55
17) 2-Methylphenol	6.92	107	387222	39.67	ng	# 92
18) Hexachloroethane	7.14	117	204703	39.53	ng	# 82
19) n-Nitroso-di-n-propylamine	7.07	70	380271	39.11	ng	# 88
20) 3+4-Methylphenols	7.07	107	513848	43.85	ng	89
22) Acetophenone	7.06	105	668957	41.04	ng	# 95
24) Nitrobenzene	7.23	77	595567	41.56	ng	100
25) Isophorone	7.47	82	988210	39.52	ng	100
26) 2-Nitrophenol	7.55	139	271353	44.74	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	409651	40.84	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	582230	42.62	ng	99
29) 2,4-Dichlorophenol	7.80	162	385325	44.02	ng	92
30) 1,2,4-Trichlorobenzene	7.87	180	443628	45.07	ng	99
31) Naphthalene	7.95	128	1428677	42.20	ng	100
32) Benzoic acid	7.76	122	281885	37.29	ng	99
33) 4-Chloroaniline	8.01	127	613259	43.56	ng	97
34) Hexachlorobutadiene	8.06	225	233602	43.97	ng	99
35) Caprolactam	8.40	113	133232	48.45	ng	# 63
36) 4-Chloro-3-methylphenol	8.50	107	420539	39.69	ng	# 85
37) 2-Methylnaphthalene	8.64	142	897323	41.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	451195	45.01	ng	98
40) Hexachlorocyclopentadiene	8.80	237	103531	31.21	ng	98

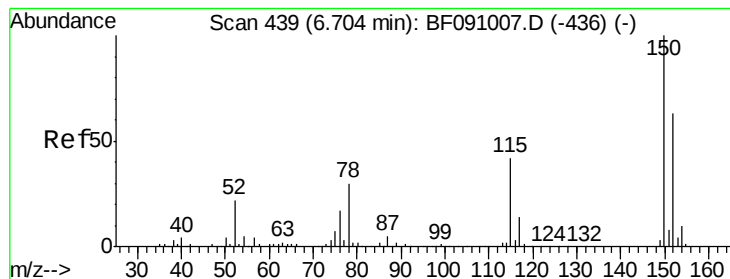
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	268859	41.55	nq	100
43) 2,4,5-Trichlorophenol	8.97	196	292809	43.10	nq	# 93
45) 1,1'-Biphenyl	9.10	154	1247766	43.47	nq	98
46) 2-Chloronaphthalene	9.13	162	939865	43.12	nq	97
47) 2-Nitroaniline	9.23	65	318300	39.35	nq	97
48) Acenaphthylene	9.54	152	1418877	41.77	nq	99
49) Dimethylphthalate	9.41	163	1039344	40.32	nq	100
50) 2,6-Dinitrotoluene	9.47	165	225499	40.82	nq	100
51) Acenaphthene	9.71	154	905272	42.45	nq	99
52) 3-Nitroaniline	9.64	138	256172	39.10	nq	97
53) 2,4-Dinitrophenol	9.76	184	118784	42.64	nq	# 74
54) Dibenzofuran	9.88	168	1197905	41.73	nq	96
55) 4-Nitrophenol	9.82	139	138296	35.16	nq	94
56) 2,4-Dinitrotoluene	9.88	165	313953	44.66	nq	94
57) Fluorene	10.22	166	1063427	45.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	247211	46.45	nq	95
59) Diethylphthalate	10.11	149	1134860	42.94	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	446818	41.84	nq	# 81
61) 4-Nitroaniline	10.26	138	275905	41.63	nq	96
62) Azobenzene	10.37	77	1139977	36.64	nq	87
64) 4,6-Dinitro-2-methylphenol	10.29	198	179165	44.91	nq	92
65) n-Nitrosodiphenylamine	10.34	169	829646	40.06	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	304129	44.88	nq	# 76
67) Hexachlorobenzene	10.77	284	324828	43.46	nq	# 77
68) Atrazine	10.88	200	259067	43.36	nq	97
69) Pentachlorophenol	10.97	266	129969	39.26	nq	99
70) Phenanthrene	11.17	178	1373681	39.66	nq	100
71) Anthracene	11.23	178	1567661	42.57	nq	99
72) Carbazole	11.39	167	1423184	42.89	nq	98
73) Di-n-butylphthalate	11.72	149	1545421	37.03	nq	# 98
74) Fluoranthene	12.36	202	1581498	44.03	nq	90
76) Benzidine	12.49	184	606646	51.92	nq	99
77) Pyrene	12.58	202	1539066	44.94	nq	99
79) Butylbenzylphthalate	13.21	149	727900	44.43	nq	97
80) Benzo(a)anthracene	13.77	228	1305683	43.97	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	495952	47.54	nq	99
82) Chrysene	13.81	228	1370027	46.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	991644	44.73	nq	# 93
84) Di-n-octyl phthalate	14.39	149	1632739	44.79	nq	98
85) Indeno(1,2,3-cd)pyrene	16.42	276	1010943	41.62	nq	96
87) Benzo(b)fluoranthene	14.77	252	1111528m	38.09	nq	
88) Benzo(k)fluoranthene	14.80	252	1153482m	45.07	nq	
89) Benzo(a)pyrene	15.09	252	1035543	40.77	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	879904	40.07	nq	97
91) Benzo(g,h,i)perylene	16.80	276	805975	40.59	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

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Acq: 15 Nov 2016 9:18

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SSTDCCC040

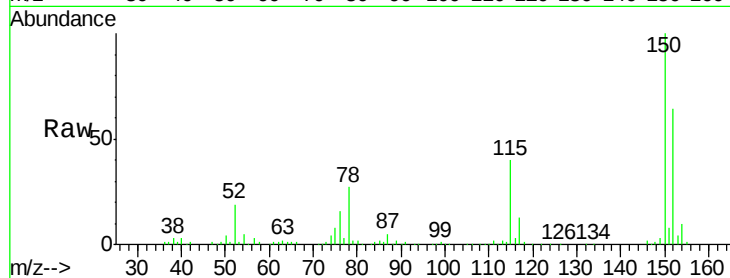
Tot Ion:152 Resp: 170713

Ion Ratio Lower Upper

152 100

150 155.6 126.8 190.2

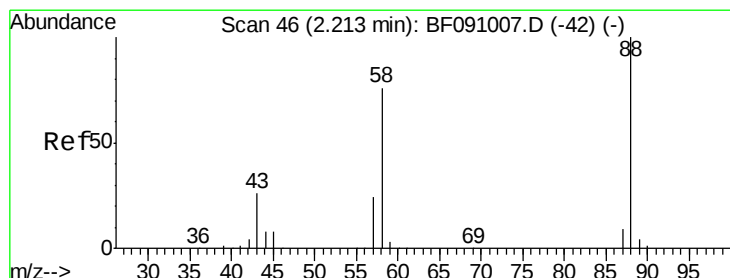
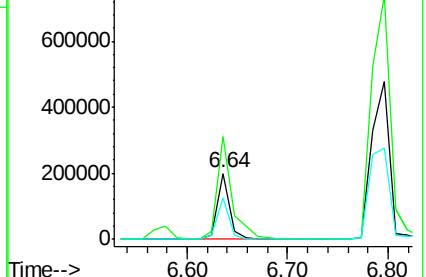
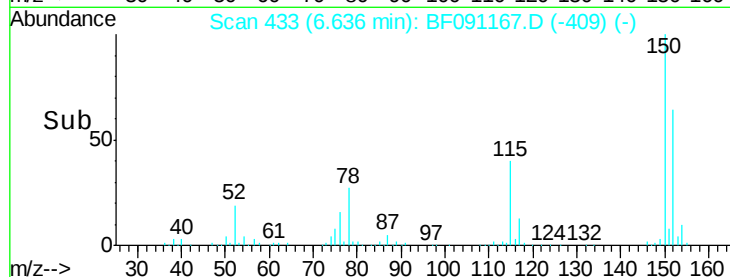
115 62.4 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.15 ng

RT: 2.09 min Scan# 35

Delta R.T. -0.06 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

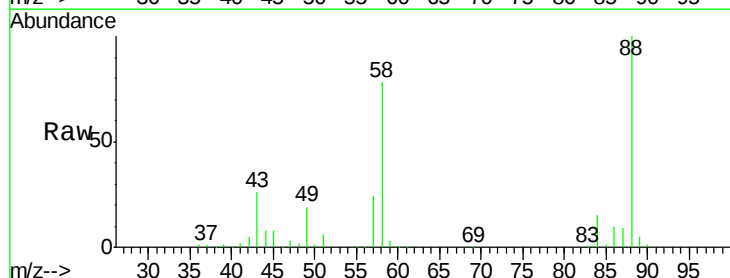
Tgt Ion: 88 Resp: 225562

Ion Ratio Lower Upper

88 100

58 71.9 63.8 95.6

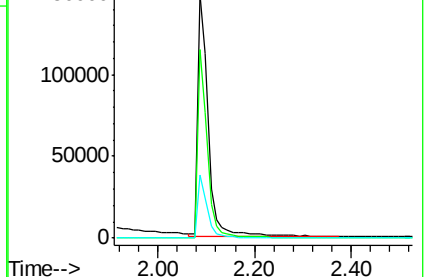
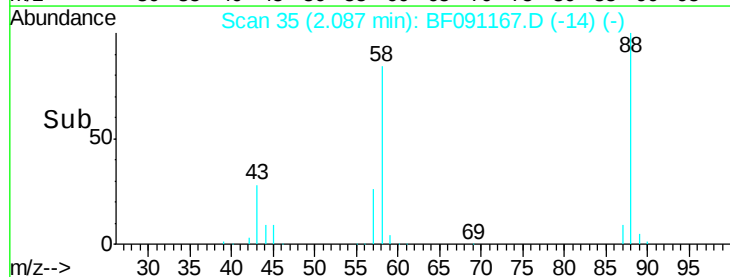
43 23.8 22.6 33.8

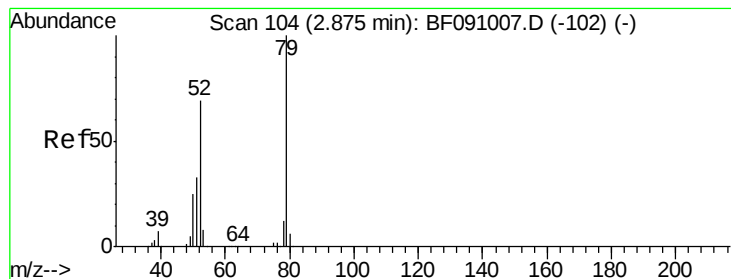


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.43 ng

RT: 2.74 min Scan# 92

Delta R.T. -0.05 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

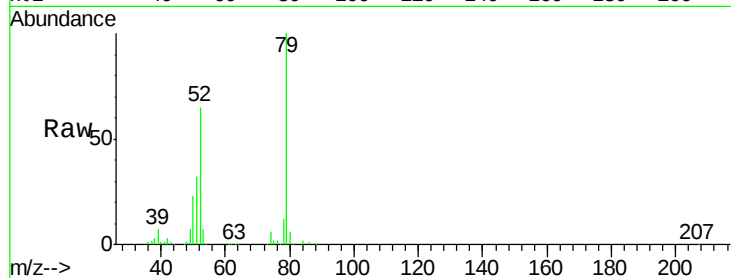
Tot Ion: 79 Resp: 559235

Ion Ratio Lower Upper

79 100

52 65.4 55.4 83.0

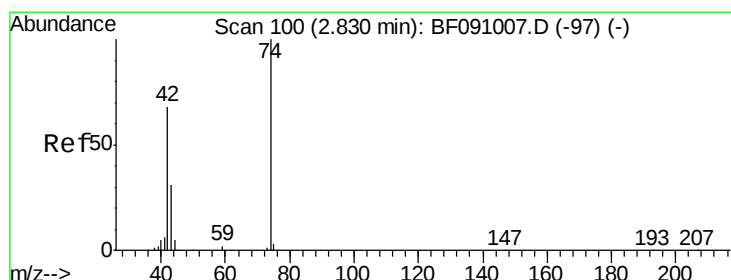
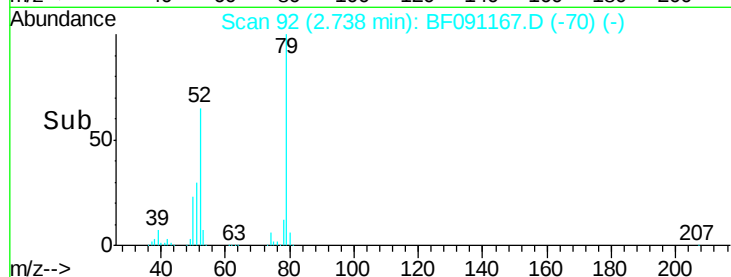
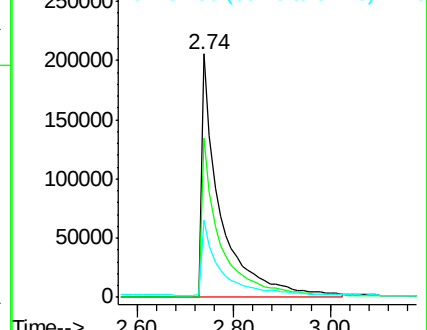
51 31.7 27.4 41.0



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: 36.31 ng

RT: 2.70 min Scan# 89

Delta R.T. -0.05 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

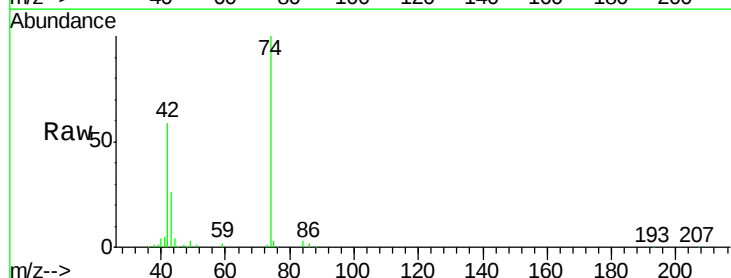
Tgt Ion: 42 Resp: 198696

Ion Ratio Lower Upper

42 100

74 170.8 117.3 175.9

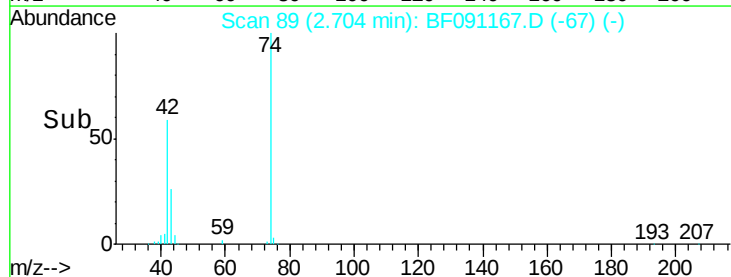
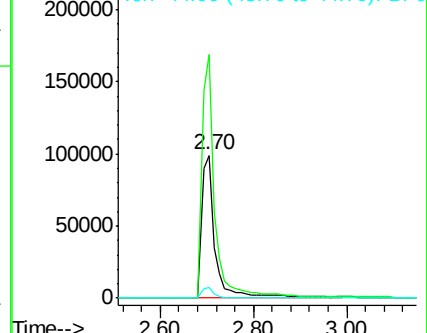
44 7.3 5.8 8.8

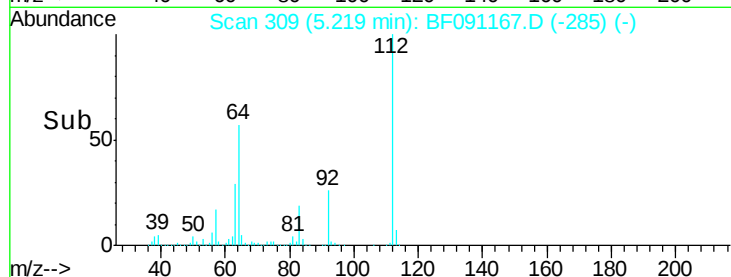
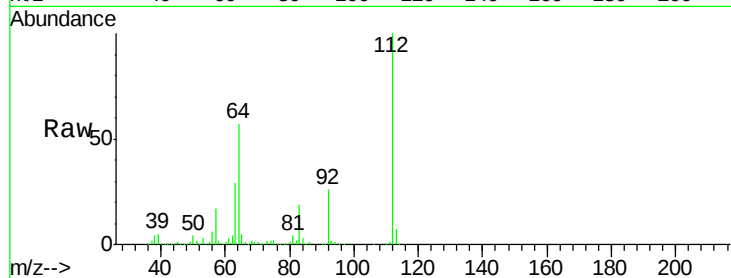
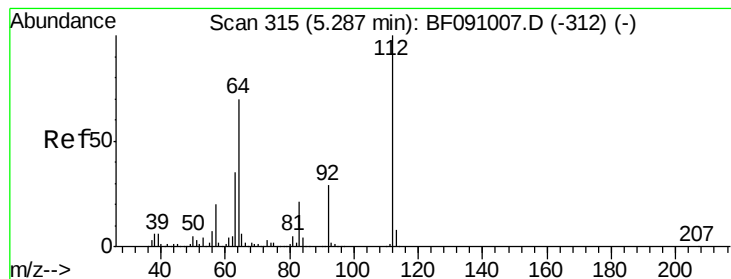


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.64 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

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ClientSampleId :

SSTDCCC040

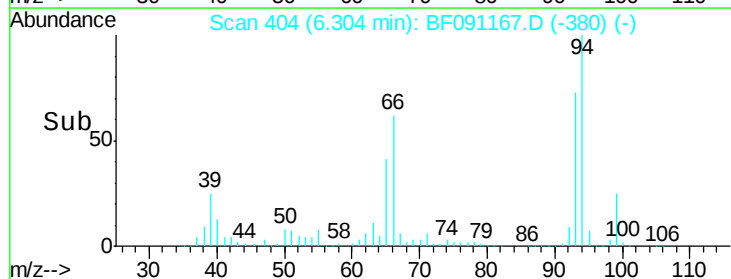
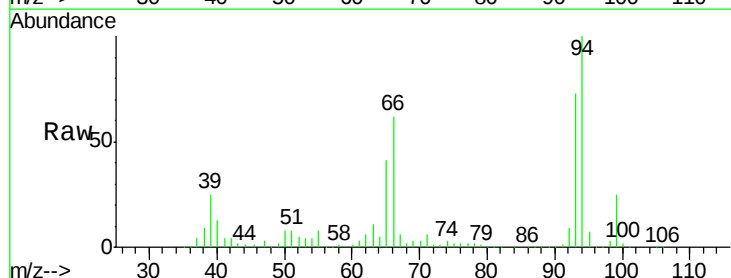
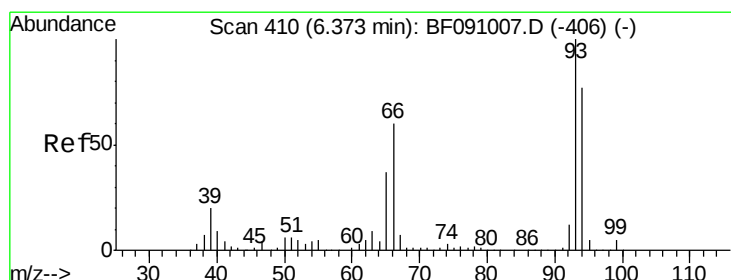
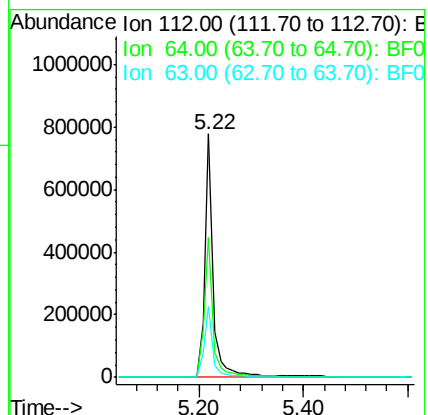
Tot Ion:112 Resp: 895586

Ion Ratio Lower Upper

112 100

64 57.3 55.8 83.6

63 28.9 28.0 42.0



#6

Aniline

Concen: 40.74 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

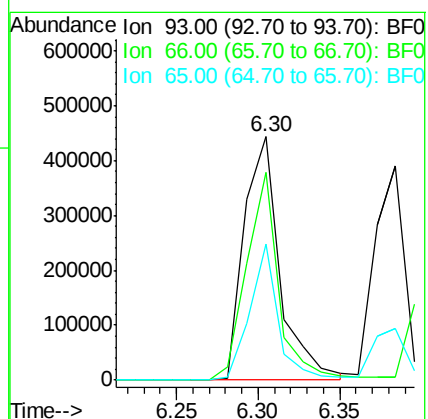
Tgt Ion: 93 Resp: 674219

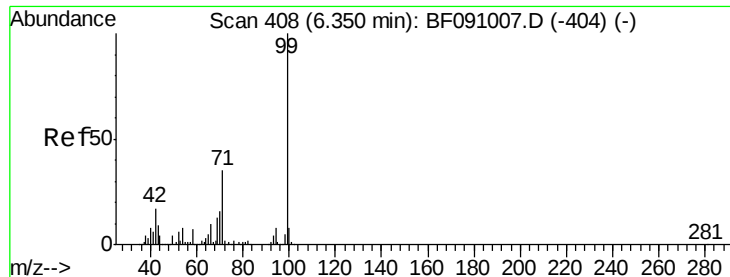
Ion Ratio Lower Upper

93 100

66 85.1 48.2 72.2#

65 56.1 29.4 44.0#





#7

Phenol-d6

Concen: 76.85 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

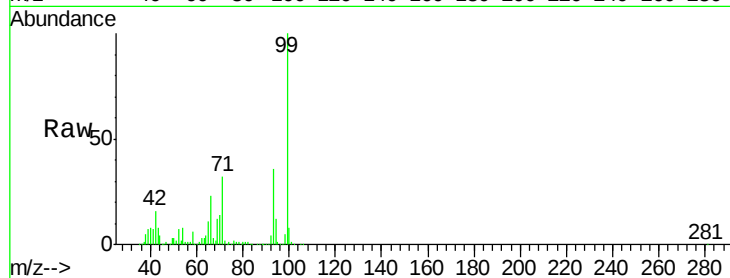
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1078250

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.9	20.9
71	32.4	27.8	41.8

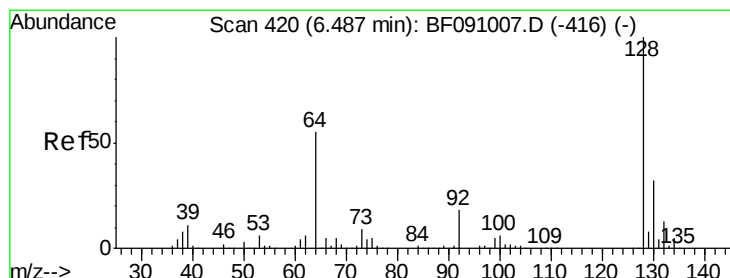
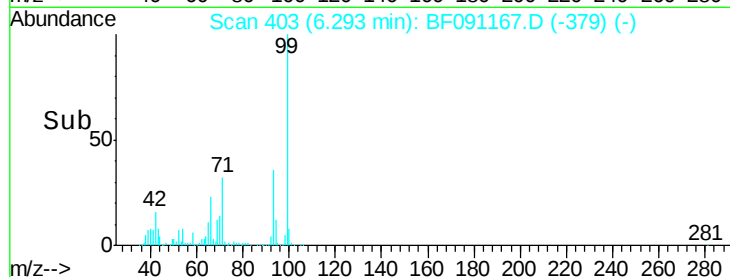
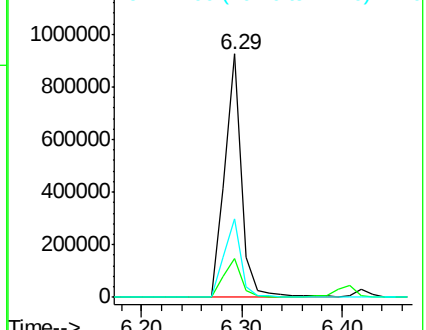


Abundance

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: 41.31 ng

RT: 6.42 min Scan# 414

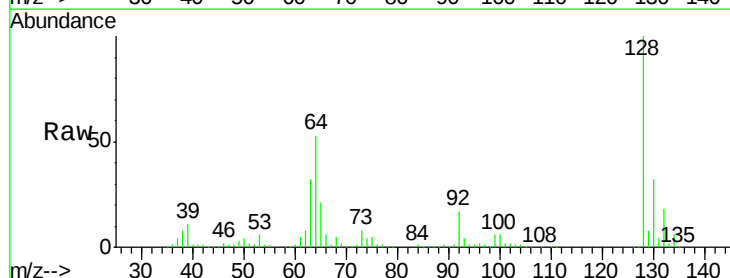
Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Tgt Ion: 128 Resp: 509358

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	52.8	37.2	77.2

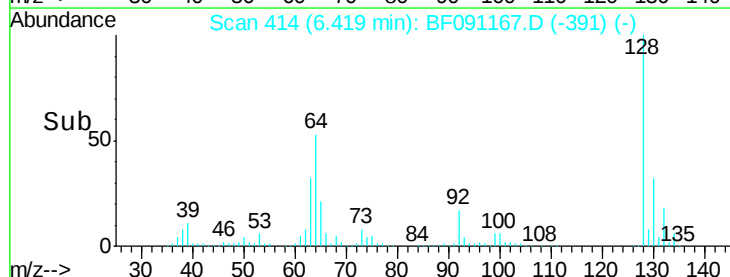
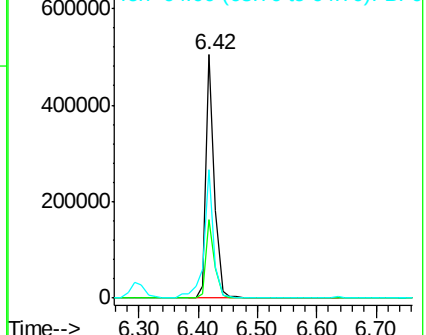


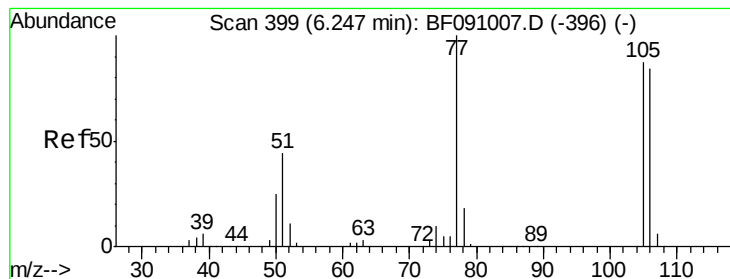
Abundance

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: 36.93 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

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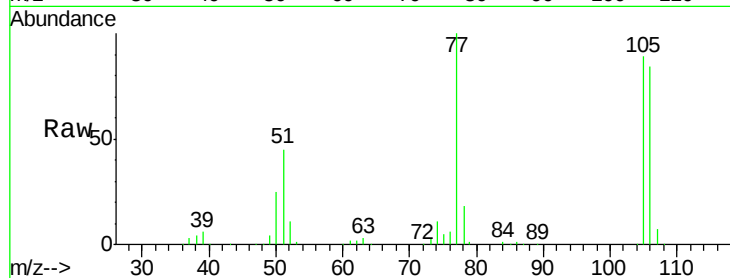
Tot Ion: 77 Resp: 287564

Ion Ratio Lower Upper

77 100

105 88.9 66.8 106.8

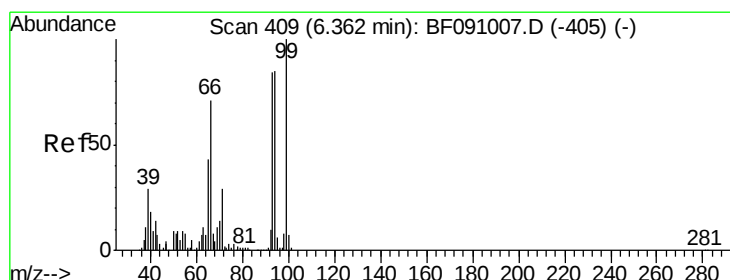
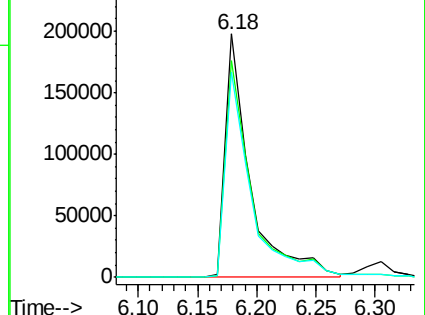
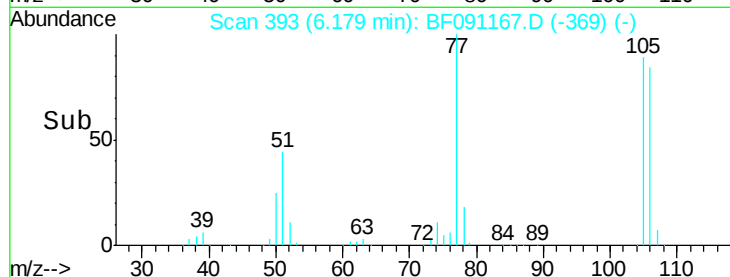
106 84.2 64.0 104.0



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: 39.91 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

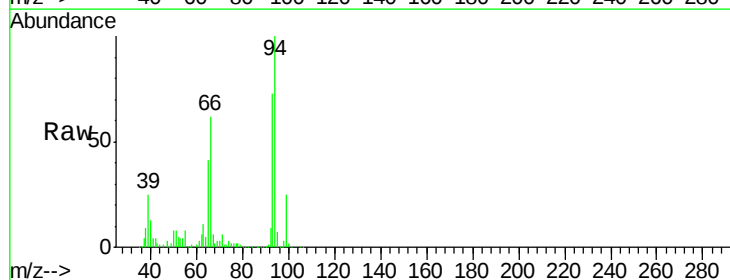
Tgt Ion: 94 Resp: 619747

Ion Ratio Lower Upper

94 100

65 41.0 30.4 70.4

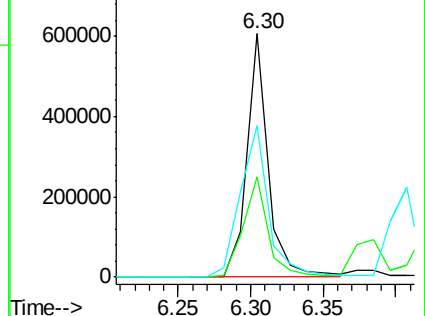
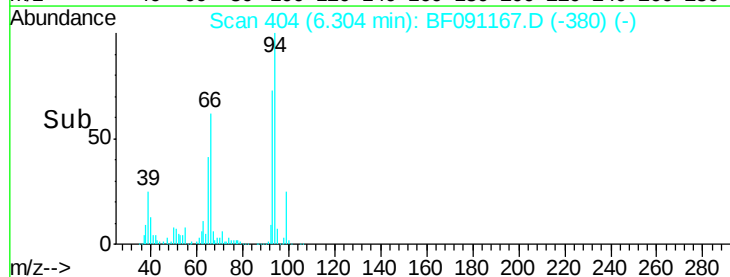
66 62.3 62.9 102.9#

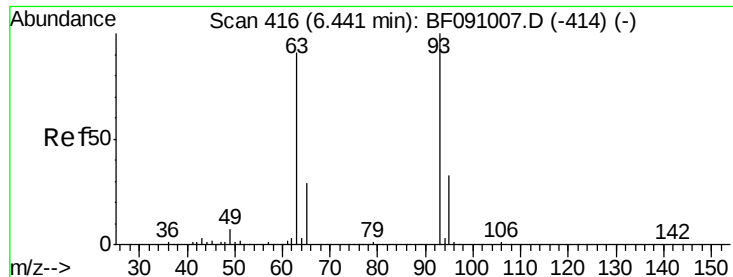


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

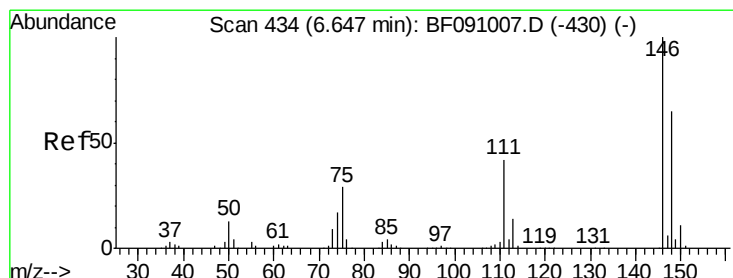
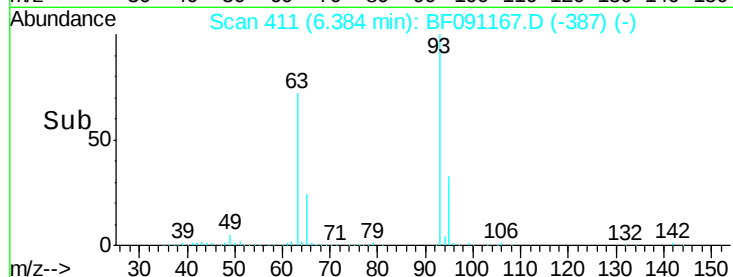
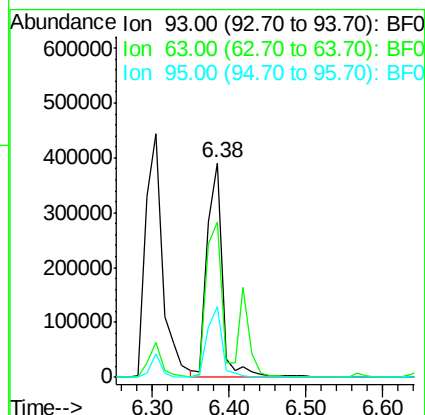
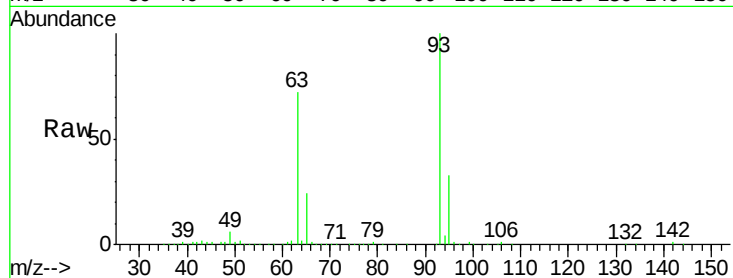




#11
bis(2-Chloroethyl)ether
Concen: 40.45 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

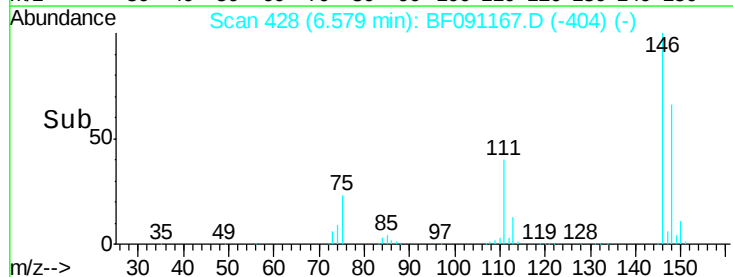
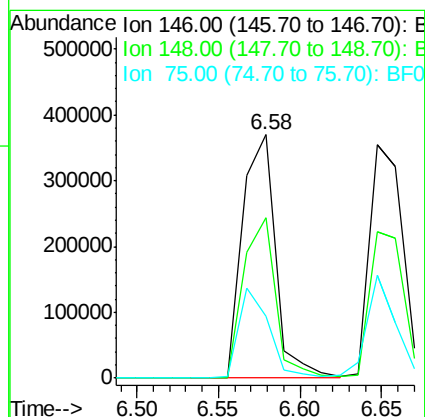
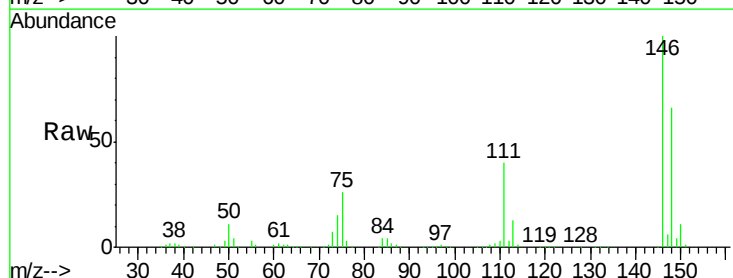
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

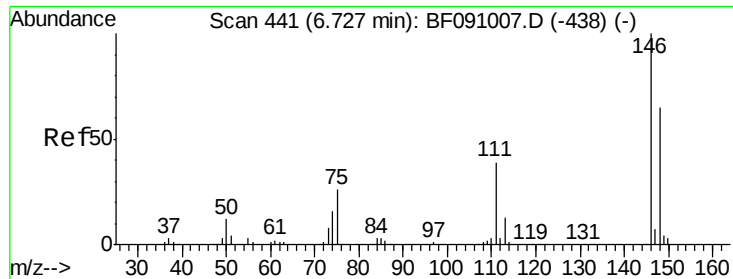
Tot Ion: 93 Resp: 529278
Ion Ratio Lower Upper
93 100
63 72.2 68.9 108.9
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.49 ng
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion: 146 Resp: 517387
Ion Ratio Lower Upper
146 100
148 65.8 52.0 78.0
75 25.5 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 40.16 ng/mL

RT: 6.65 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

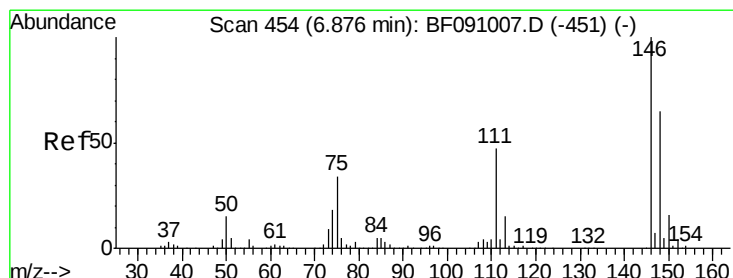
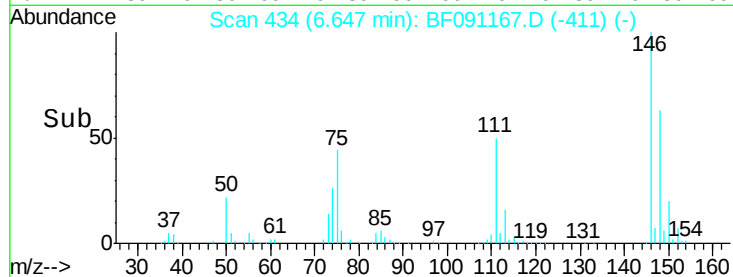
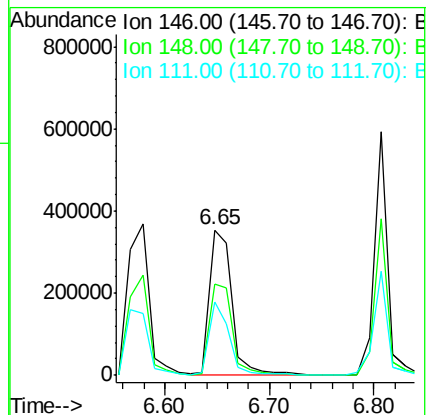
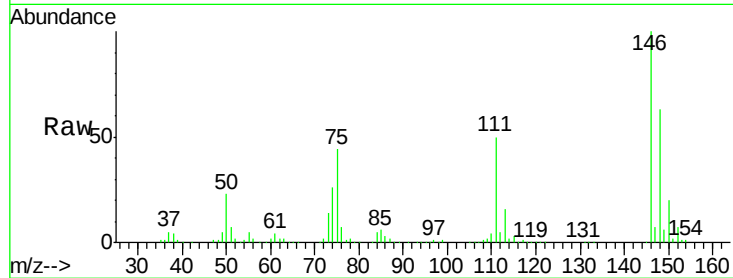
Tot Ion:146 Resp: 537370

Ion Ratio Lower Upper

146 100

148 62.6 52.1 78.1

111 50.3 31.6 47.4#



#14

1,2-Dichlorobenzene

Concen: 43.66 ng/mL

RT: 6.81 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

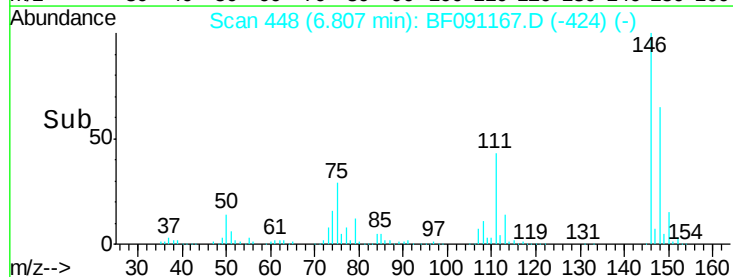
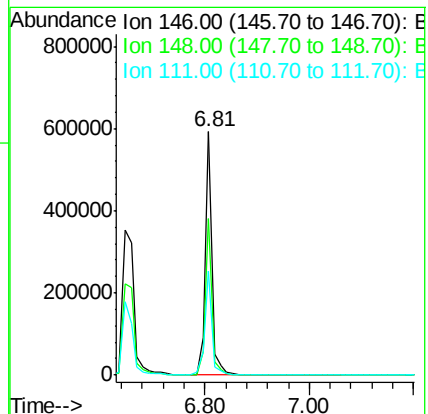
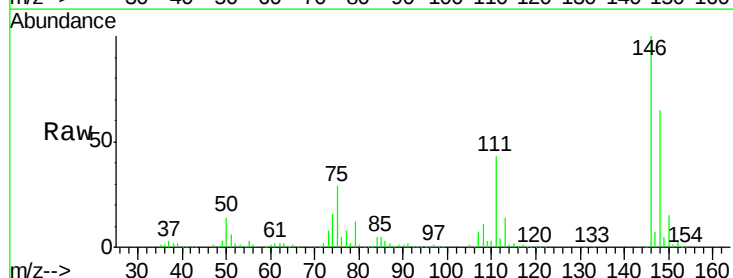
Tgt Ion:146 Resp: 536102

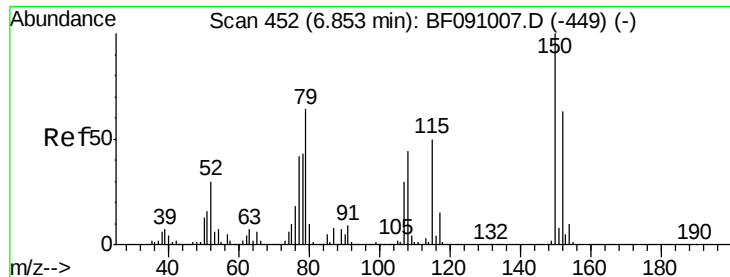
Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

111 42.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 40.85 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

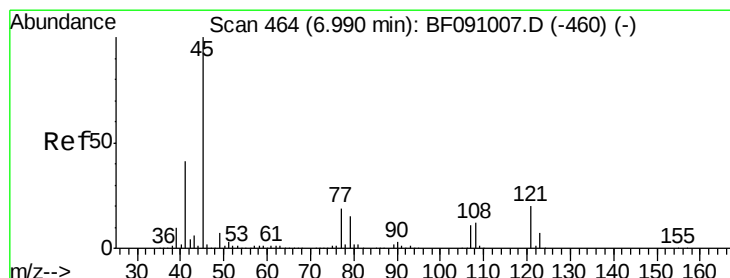
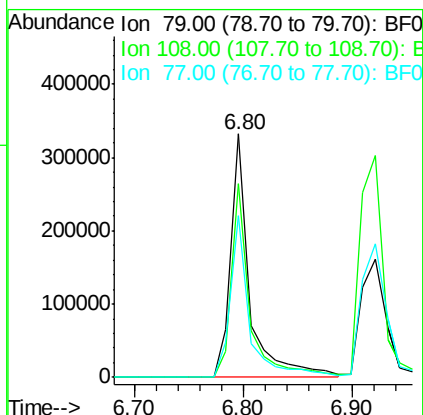
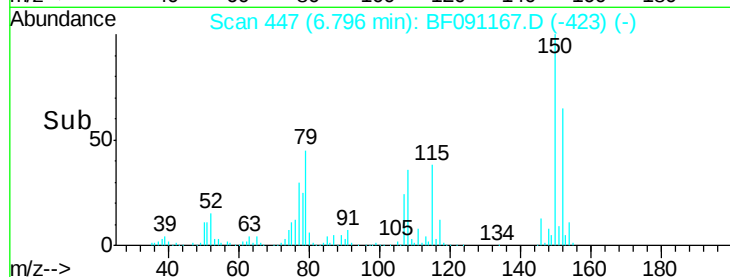
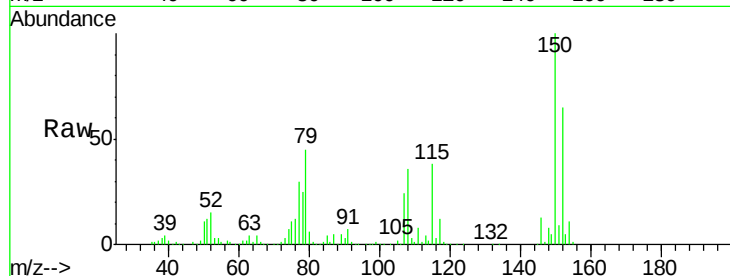
Tot Ion: 79 Resp: 404237

Ion Ratio Lower Upper

79 100

108 79.6 55.7 83.5

77 66.3 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.95 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

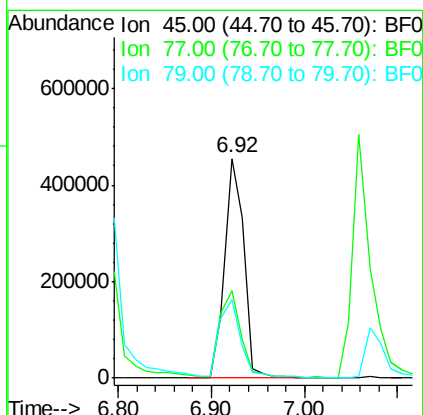
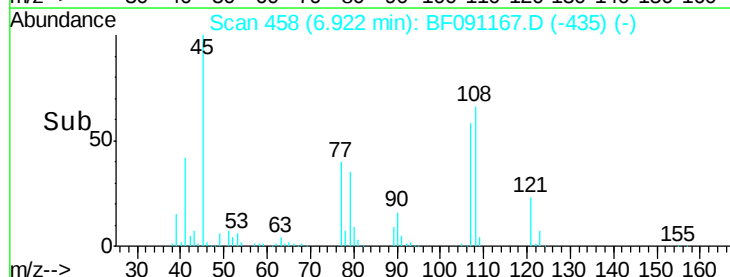
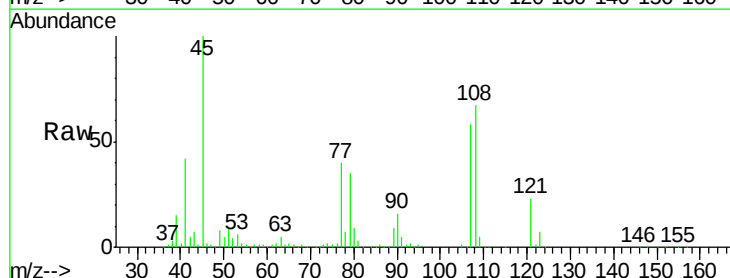
Tgt Ion: 45 Resp: 654744

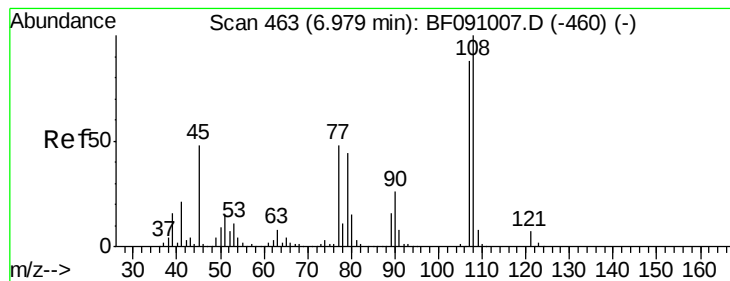
Ion Ratio Lower Upper

45 100

77 40.0 0.0 39.6#

79 35.5 0.0 35.9





#17

2-Methylphenol

Concen: 39.67 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

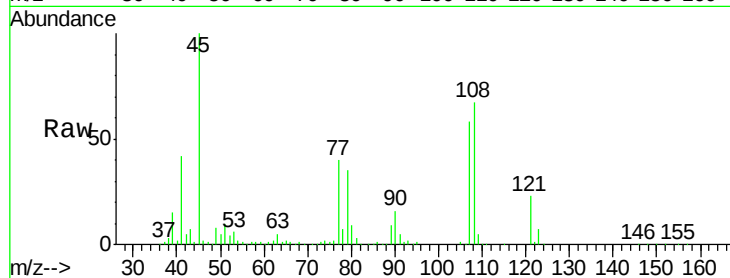
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	387222
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.6
77	68.5	43.8	65.8#
79	60.7	40.6	60.8

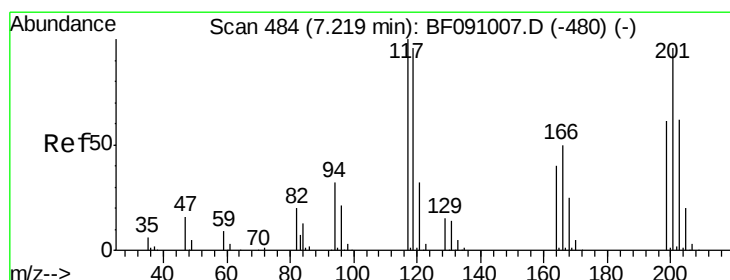
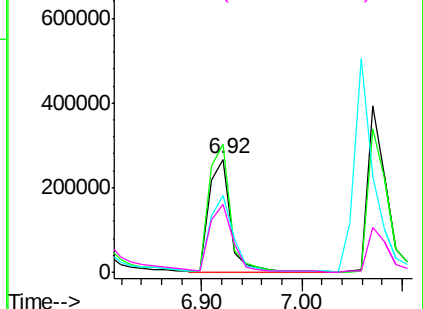
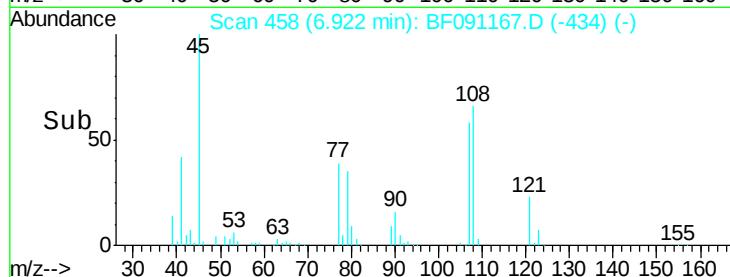


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.53 ng

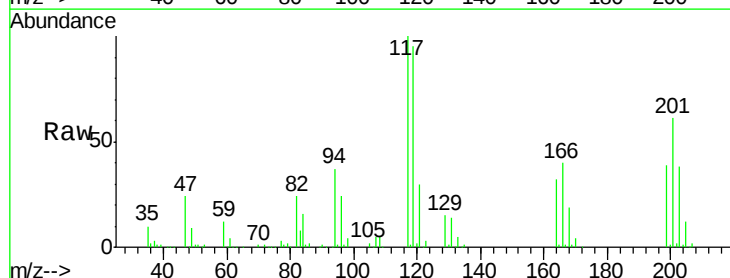
RT: 7.14 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

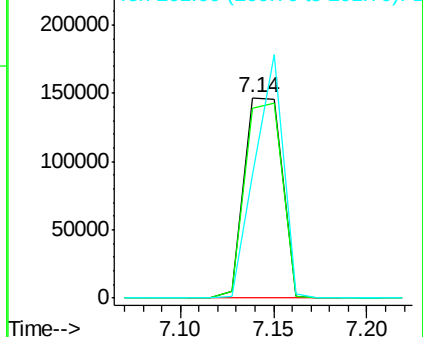
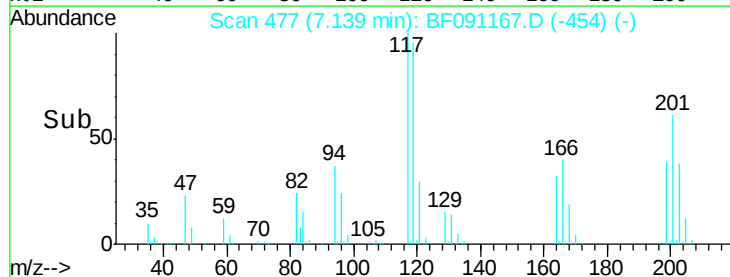
Tgt Ion:	117	Resp:	204703
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
201	61.2	77.1	115.7#

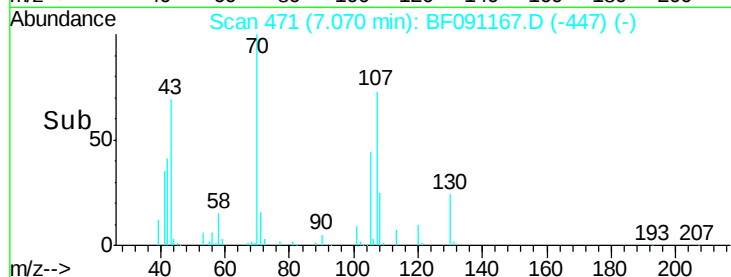
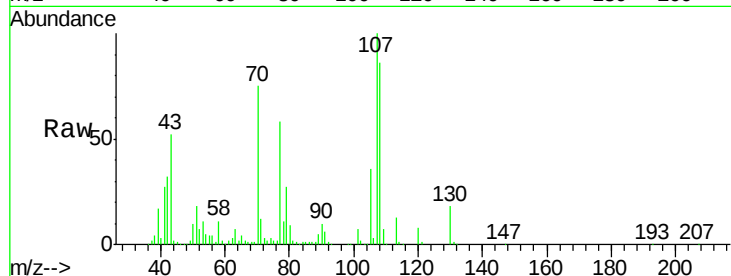
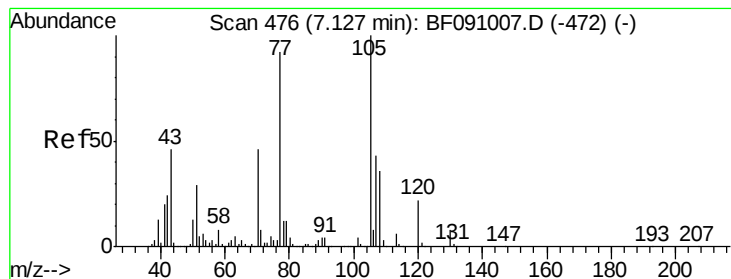


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.11 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 380271

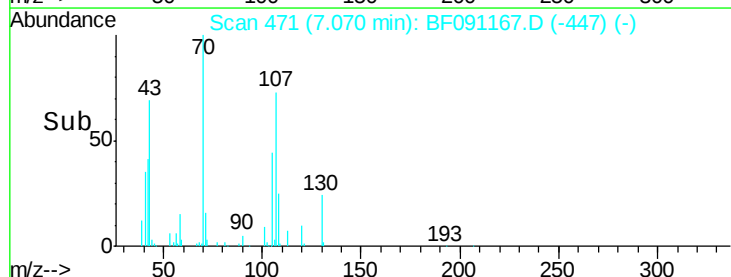
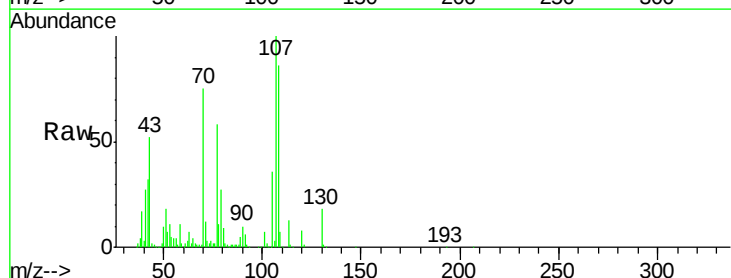
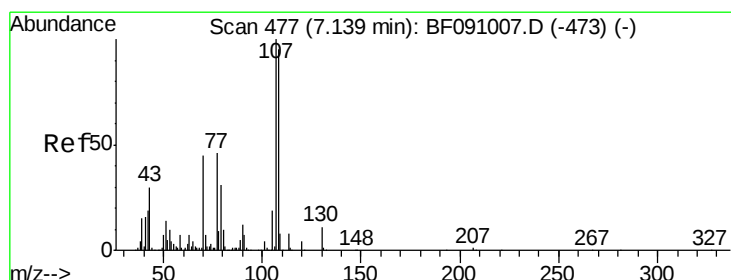
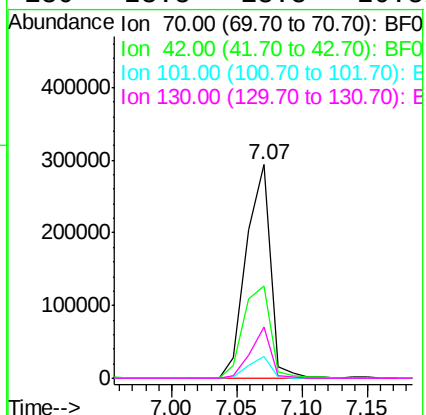
Ion Ratio Lower Upper

70 100

42 43.3 41.7 62.5

101 10.0 6.7 10.1

130 23.8 13.8 20.8#



#20

3+4-Methylphenols

Concen: 43.85 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Tgt Ion:107 Resp: 513848

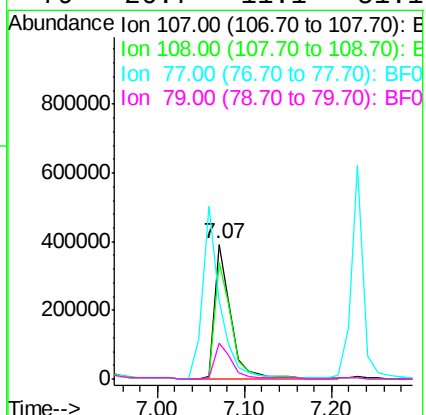
Ion Ratio Lower Upper

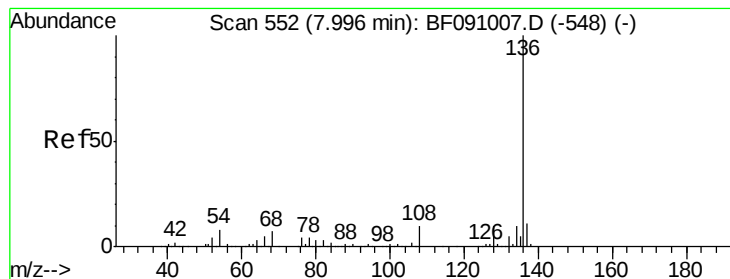
107 100

108 85.8 75.5 115.5

77 57.7 26.4 66.4

79 26.7 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 707855

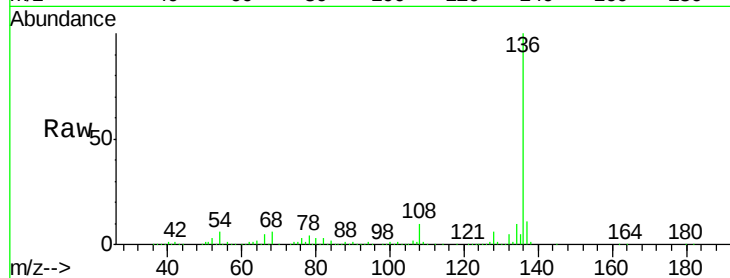
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.2 9.2

68 5.5 5.5 8.3

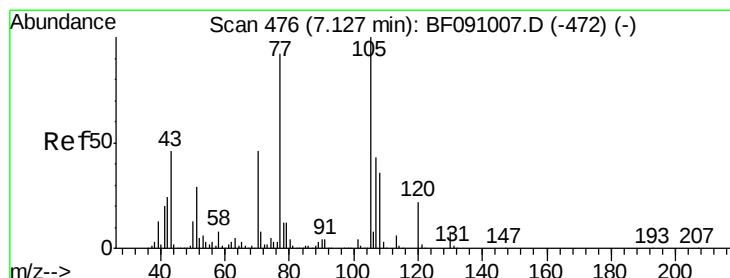
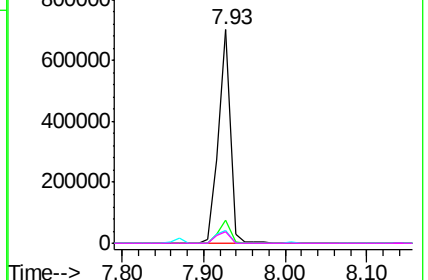
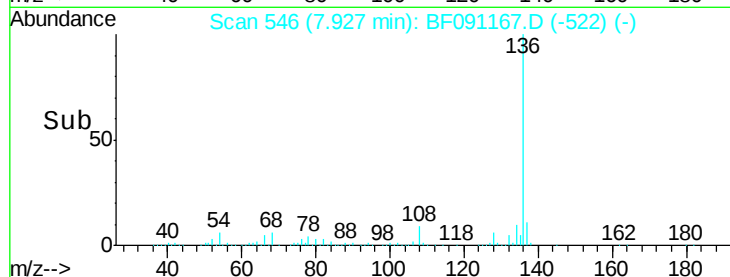


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.04 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Tgt Ion:105 Resp: 668957

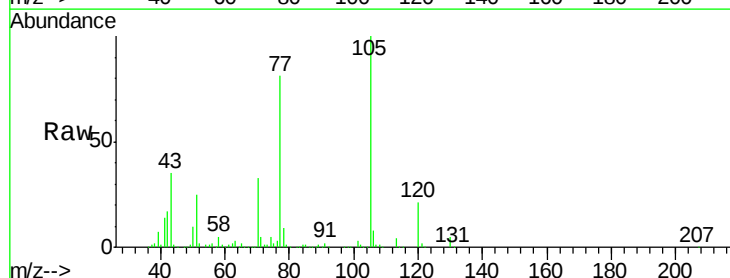
Ion Ratio Lower Upper

105 100

71 5.4 6.2 9.2#

51 24.5 23.3 34.9

120 21.3 17.4 26.0

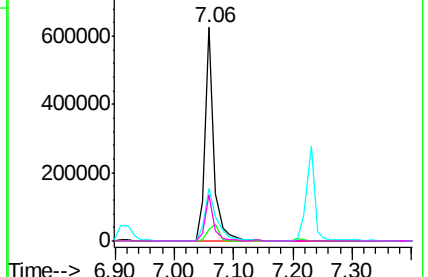
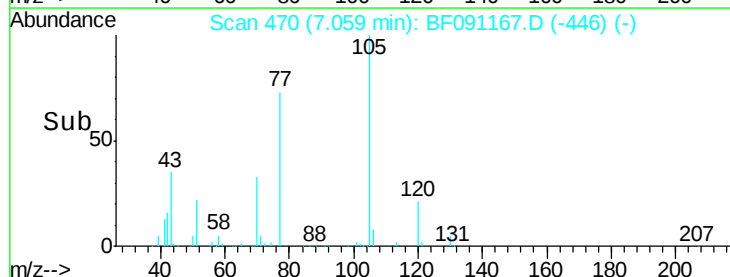


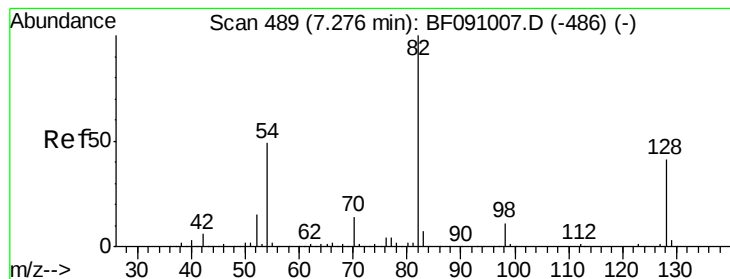
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.82 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

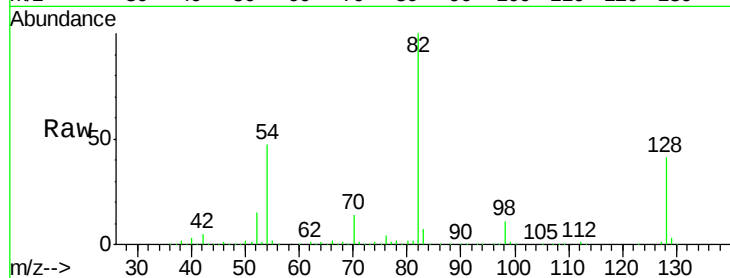
Tot Ion: 82 Resp: 1009853

Ion Ratio Lower Upper

82 100

128 41.1 32.4 48.6

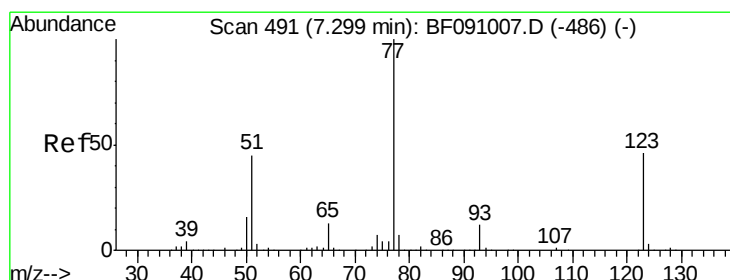
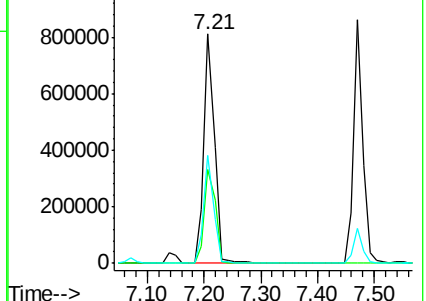
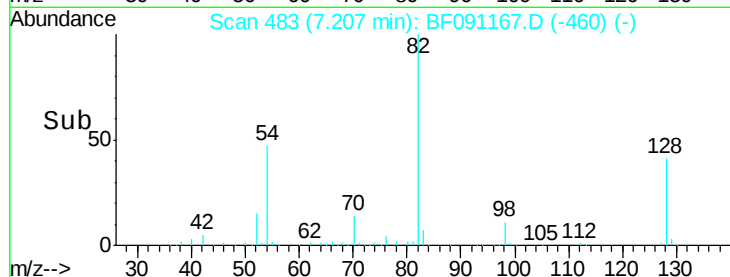
54 47.3 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.56 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

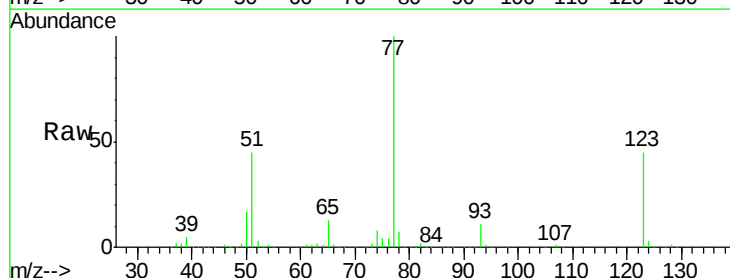
Tgt Ion: 77 Resp: 595567

Ion Ratio Lower Upper

77 100

123 45.3 36.5 54.7

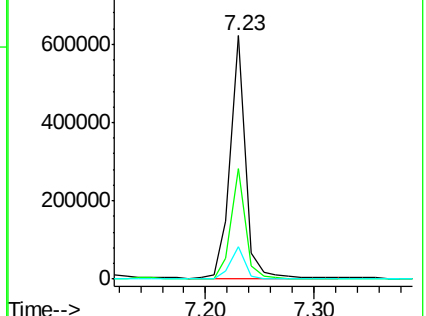
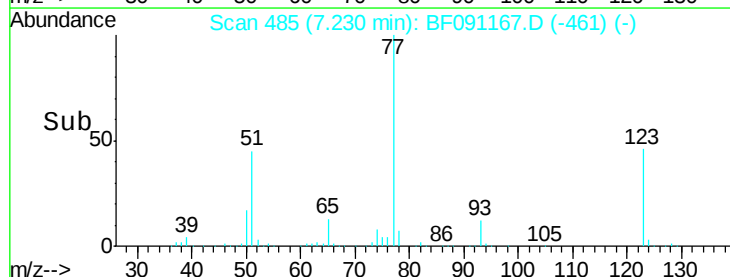
65 13.3 10.7 16.1

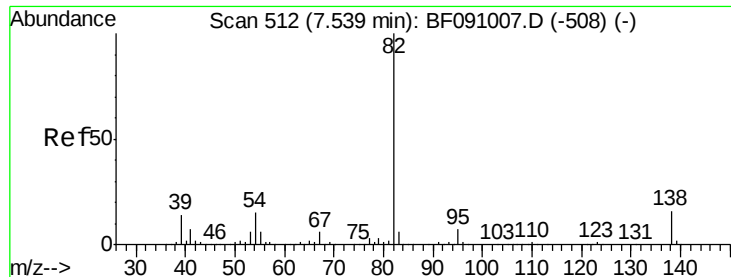


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

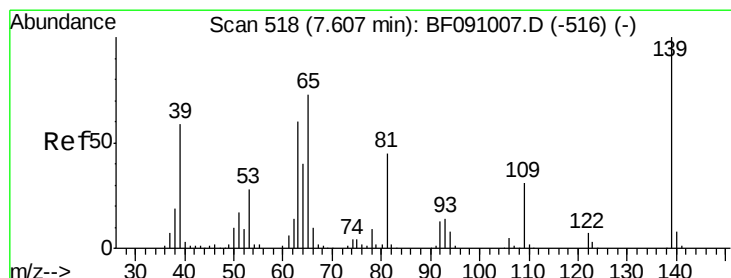
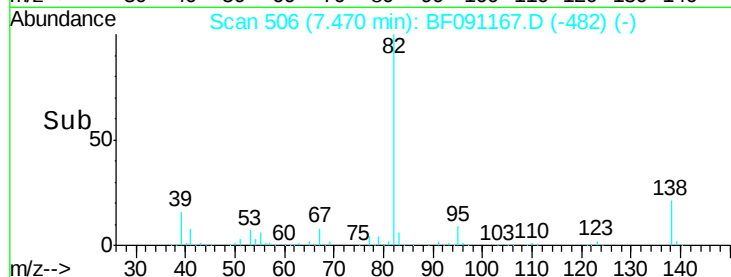
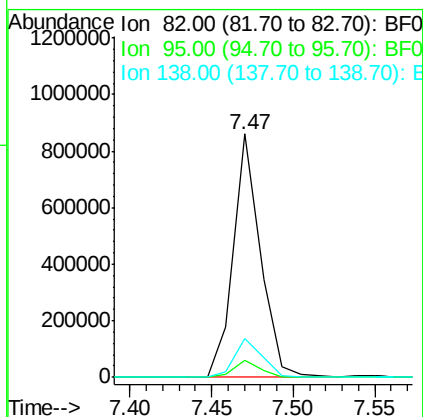
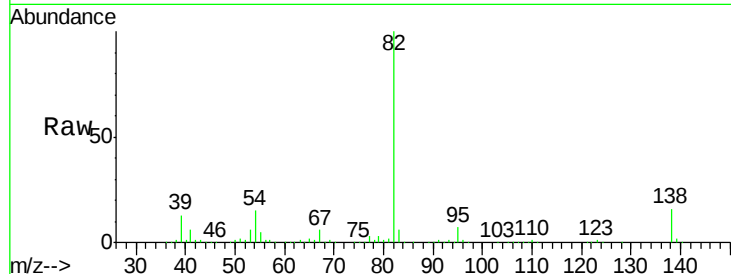




#25
Isophorone
Concen: 39.52 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

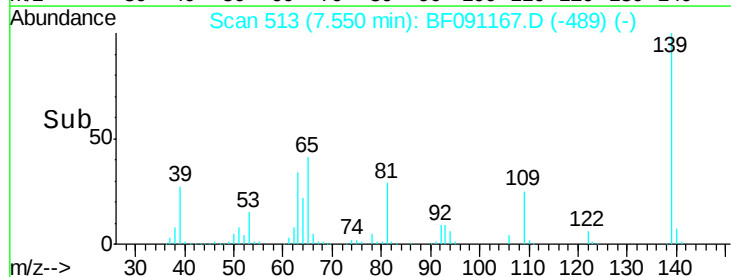
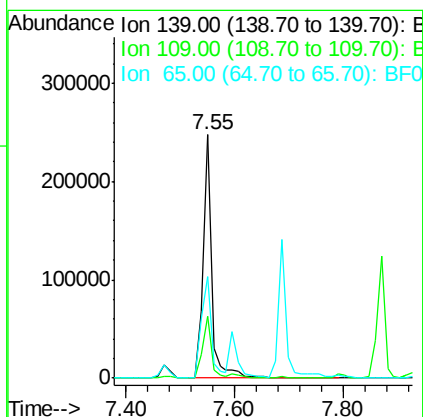
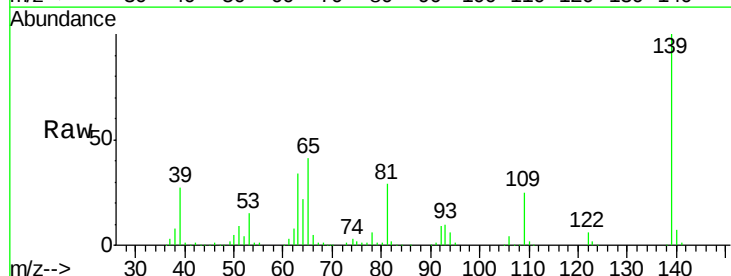
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

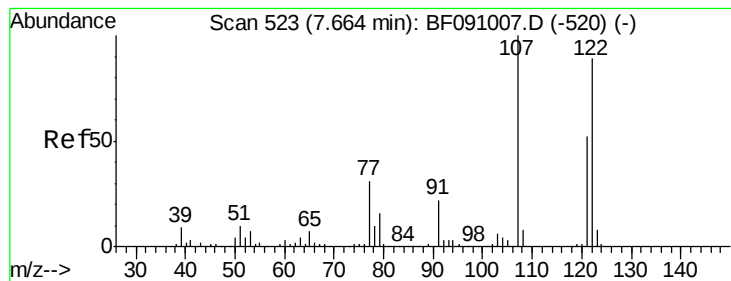
Tot Ion: 82 Resp: 988210
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.0 13.0 19.4



#26
2-Nitrophenol
Concen: 44.74 ng
RT: 7.55 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion: 139 Resp: 271353
Ion Ratio Lower Upper
139 100
109 25.2 24.7 37.1
65 41.5 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 40.84 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

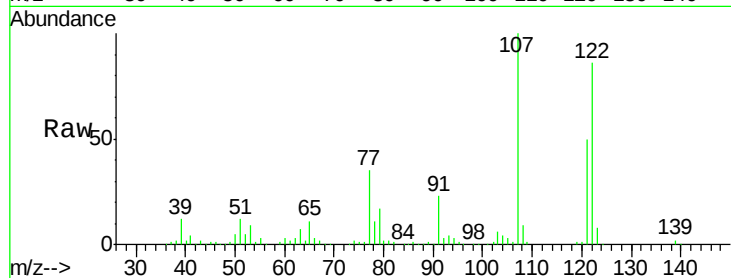
Tot Ion:122 Resp: 409651

Ion Ratio Lower Upper

122 100

107 116.2 89.6 134.4

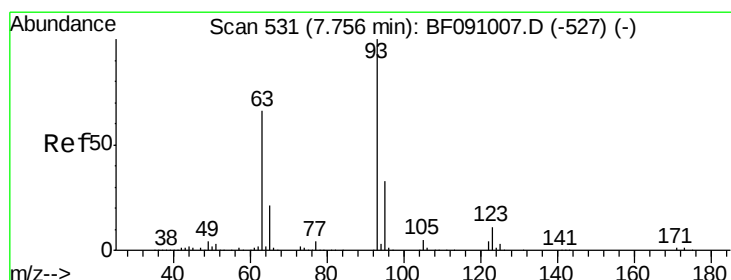
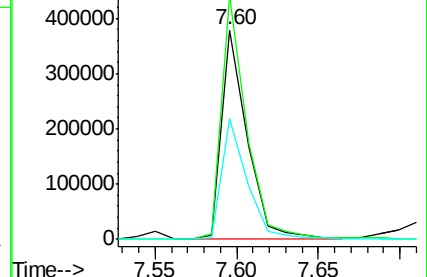
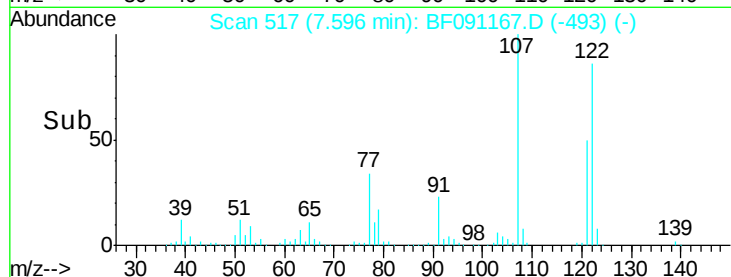
121 57.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.62 ng

RT: 7.69 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

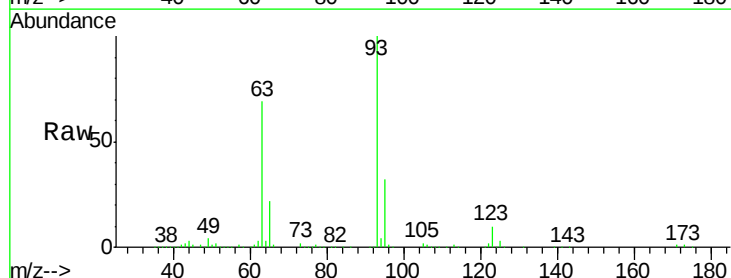
Tgt Ion: 93 Resp: 582230

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

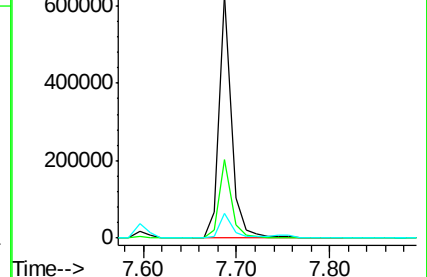
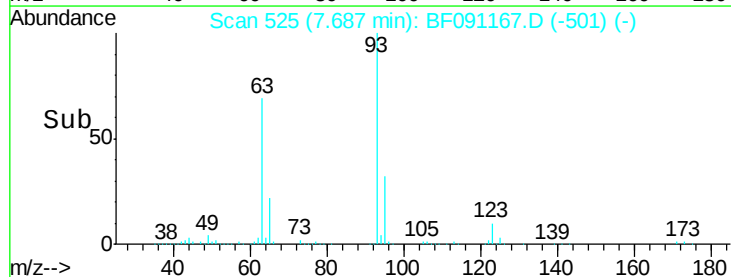
123 10.4 8.7 13.1

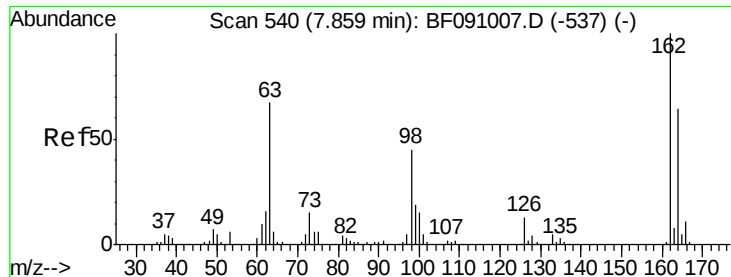


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

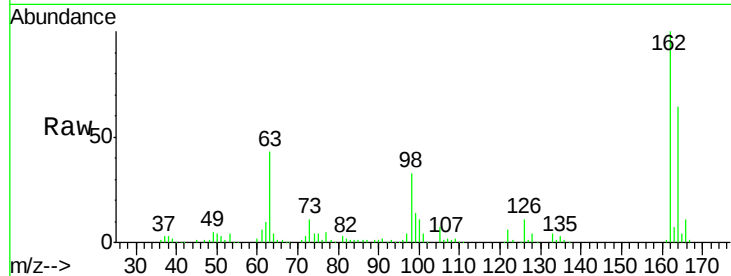




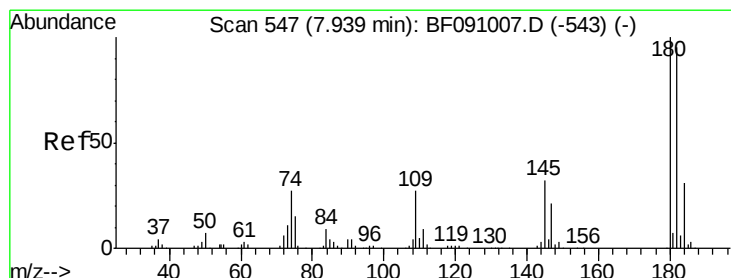
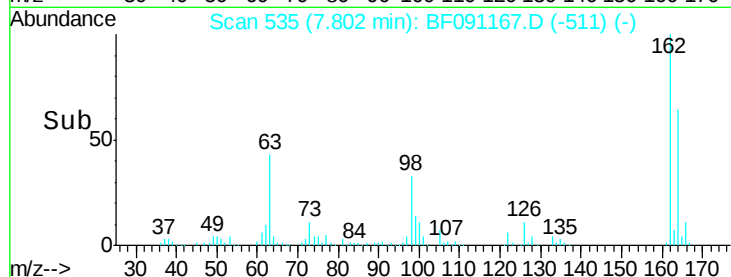
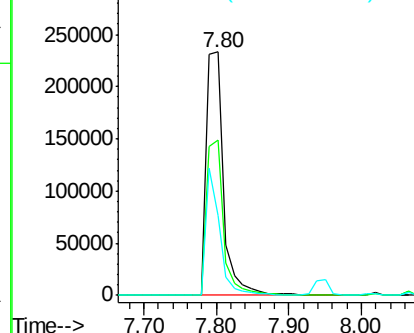
#29
 2,4-Dichlorophenol
 Concen: 44.02 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.4	84.4
98	32.9	25.2	65.2

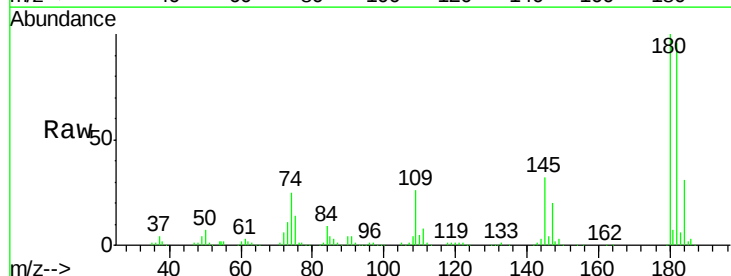


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

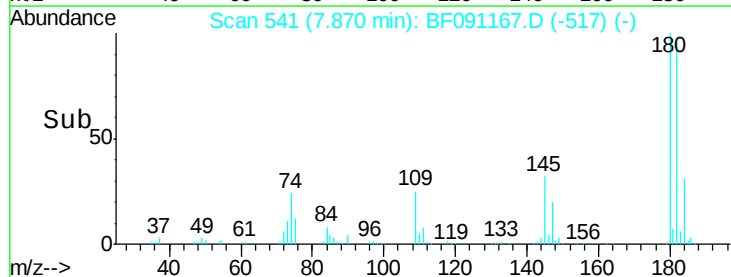
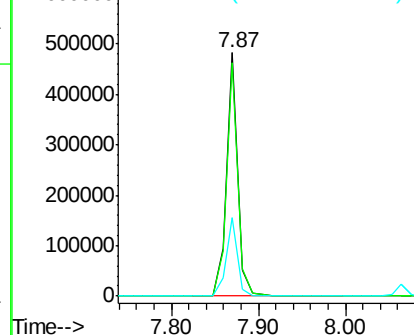


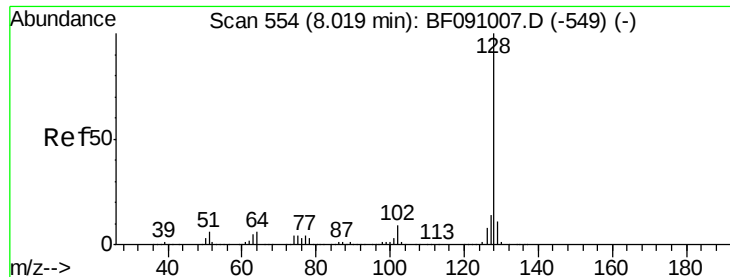
#30
 1,2,4-Trichlorobenzene
 Concen: 45.07 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	32.3	25.8	38.8



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

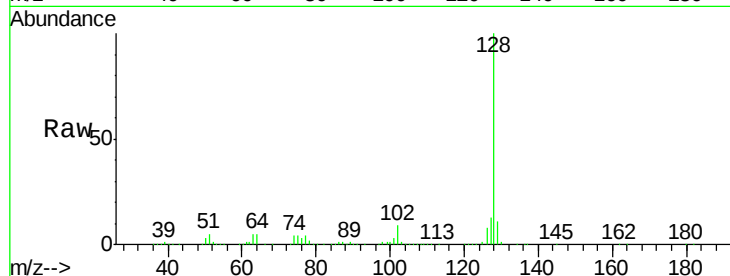




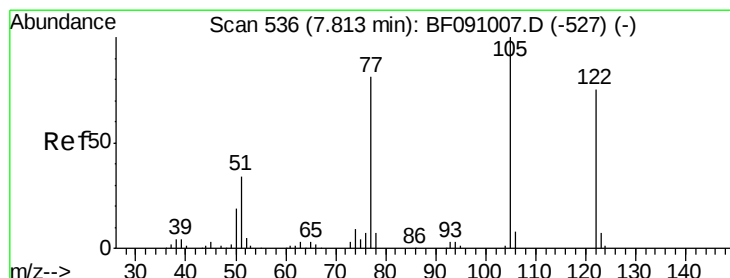
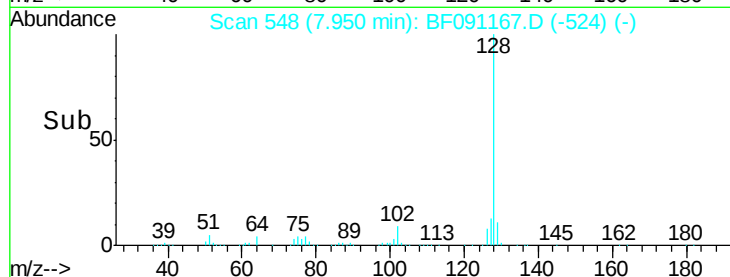
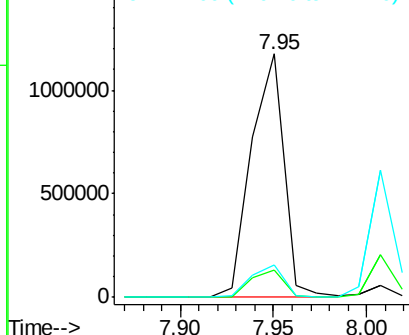
#31
Naphthalene
Concen: 42.20 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1428677
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.9 16.3

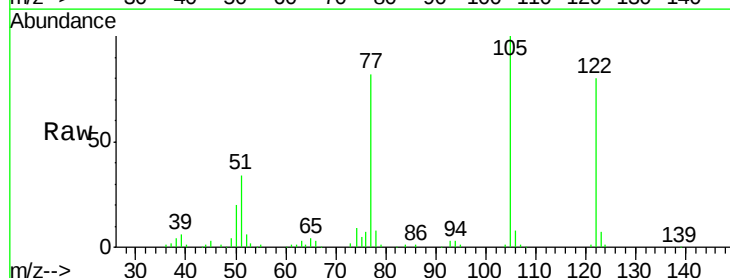


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

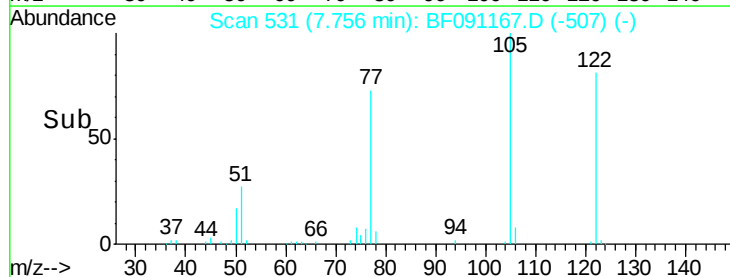
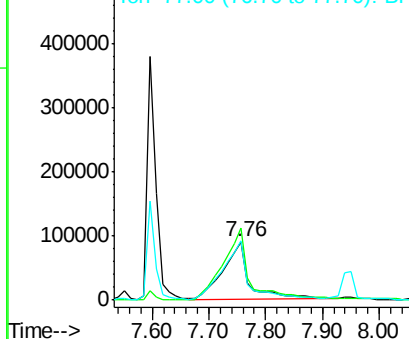


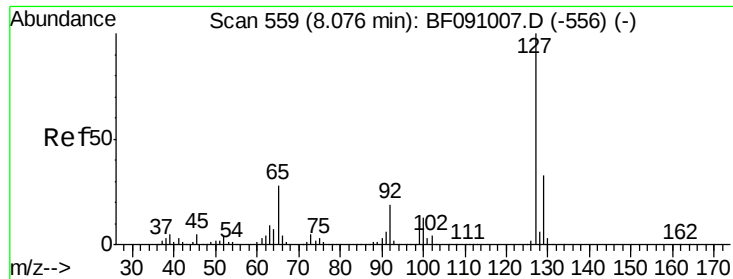
#32
Benzoic acid
Concen: 37.29 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:122 Resp: 281885
Ion Ratio Lower Upper
122 100
105 124.4 105.9 145.9
77 102.4 84.0 124.0



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

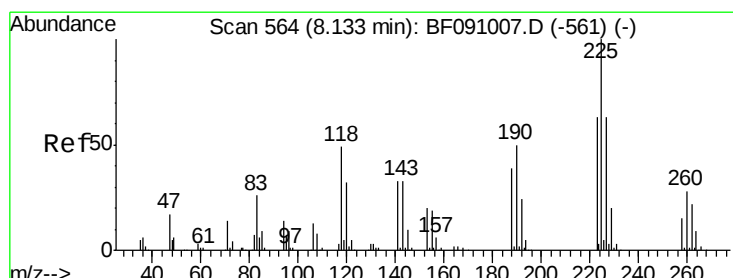
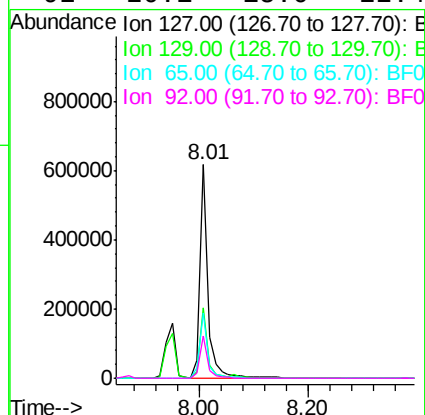
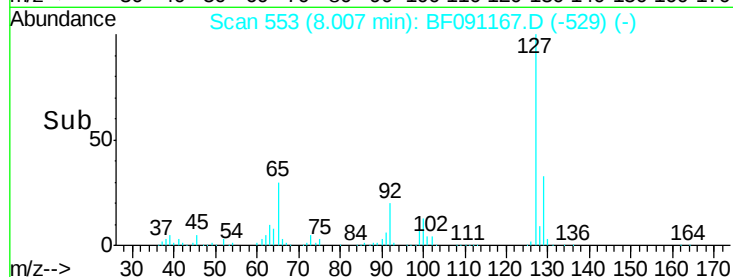
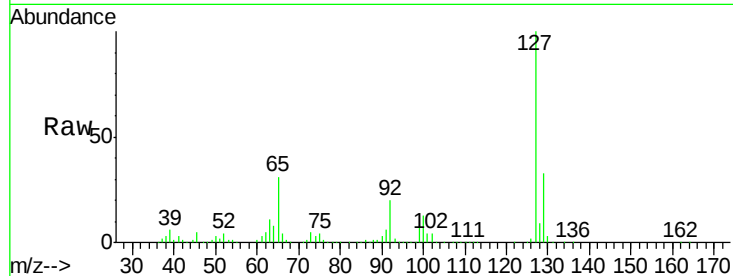




#33
4-Chloroaniline
Concen: 43.56 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

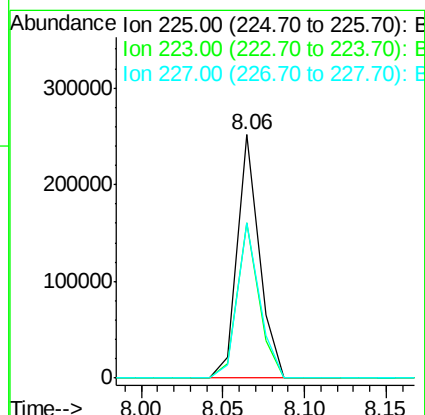
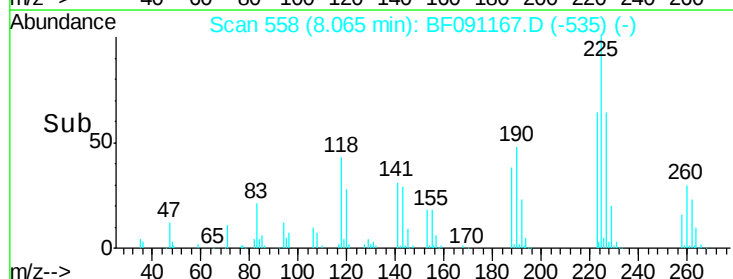
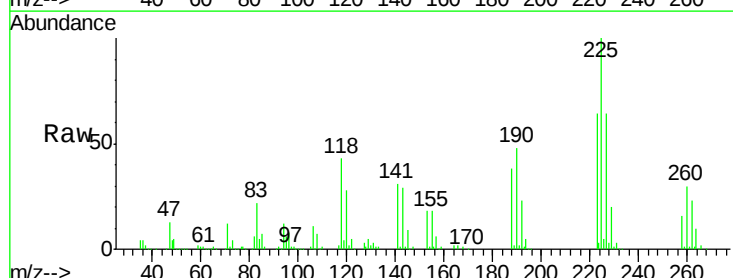
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

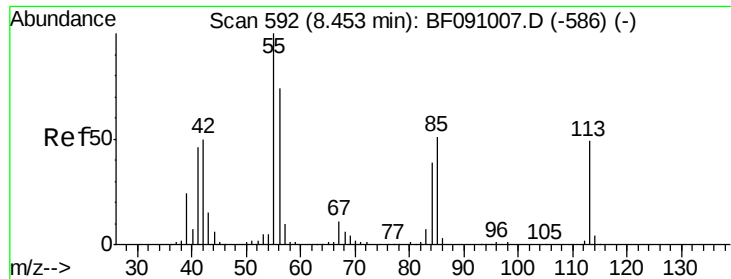
Tot Ion:	127	Resp:	613259
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.8	22.2	33.2
92	20.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.97 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:	225	Resp:	233602
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	63.5	50.1	75.1

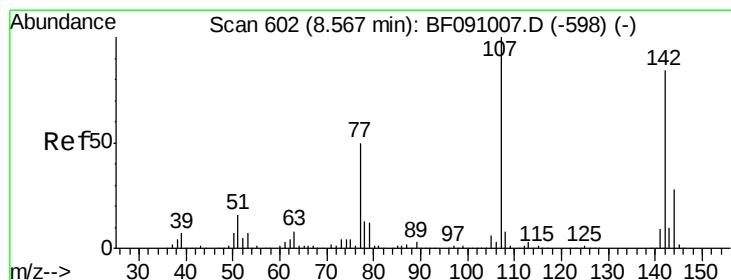
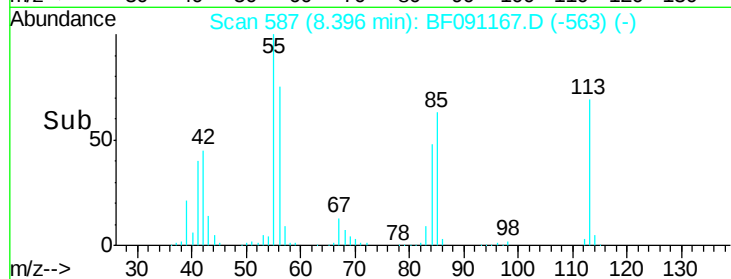
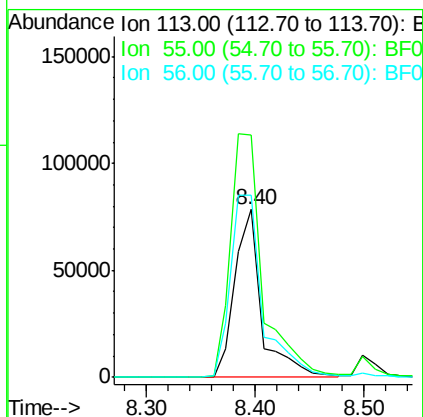
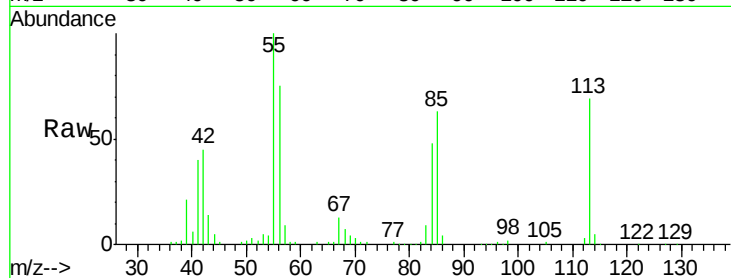




#35
 Caprolactam
 Concen: 48.45 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

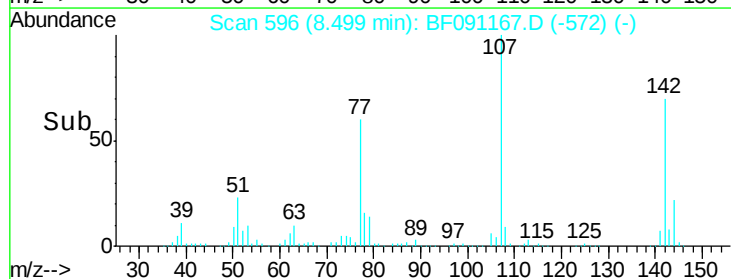
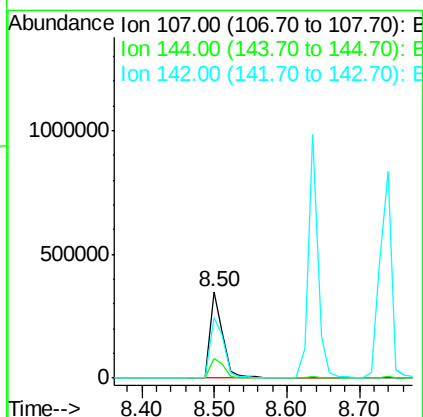
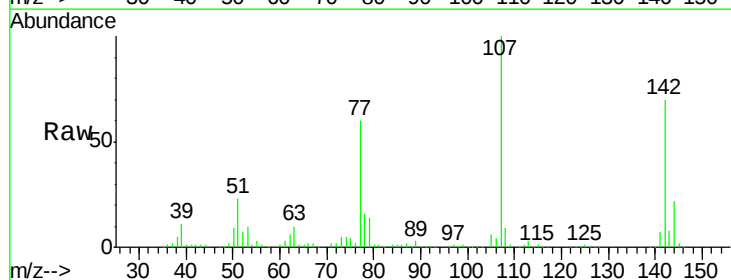
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

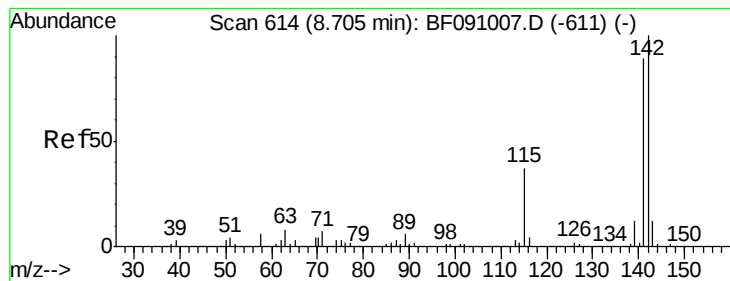
Tot Ion:113 Resp: 133232
 Ion Ratio Lower Upper
 113 100
 55 144.6 184.1 224.1#
 56 109.1 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 39.69 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:107 Resp: 420539
 Ion Ratio Lower Upper
 107 100
 144 22.3 22.5 33.7#
 142 69.8 67.4 101.2





#37

2-Methylnaphthalene

Concen: 41.23 ng

RT: 8.64 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

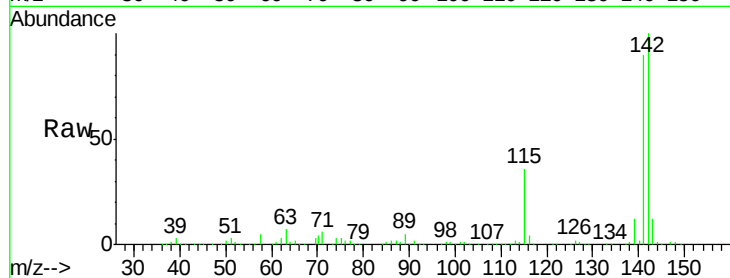
Tot Ion:142 Resp: 897323

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

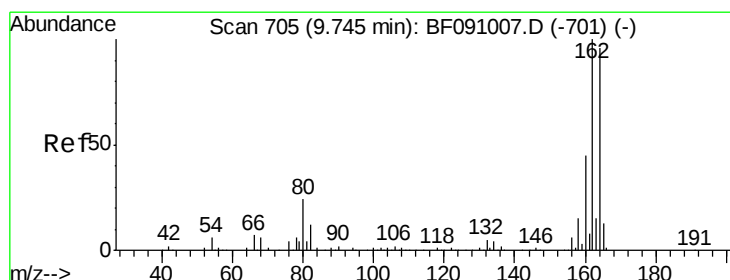
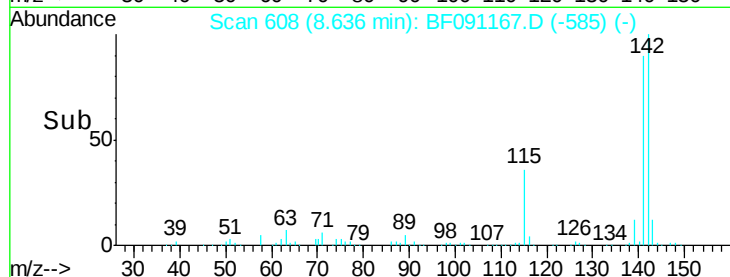
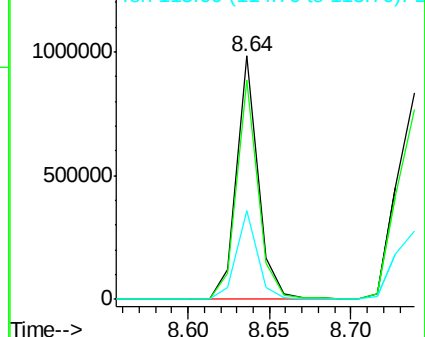
115 36.4 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

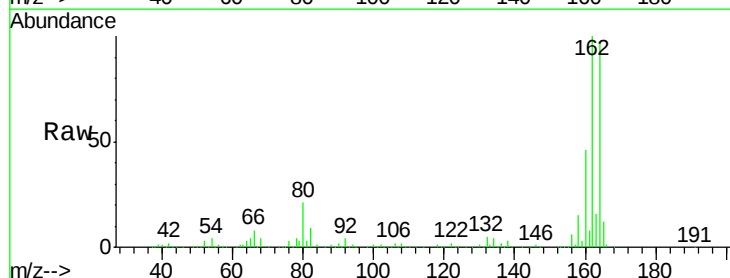
Tgt Ion:164 Resp: 393142

Ion Ratio Lower Upper

164 100

162 102.9 83.6 125.4

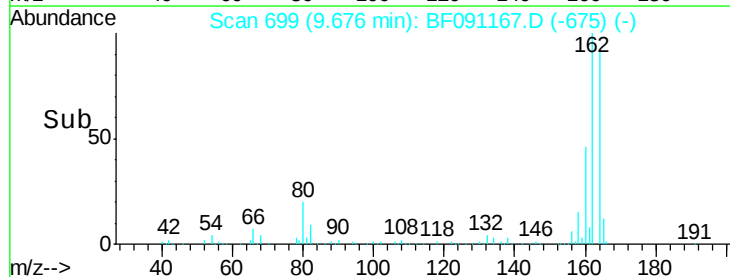
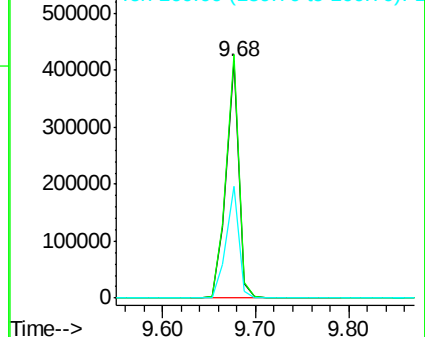
160 47.3 37.9 56.9

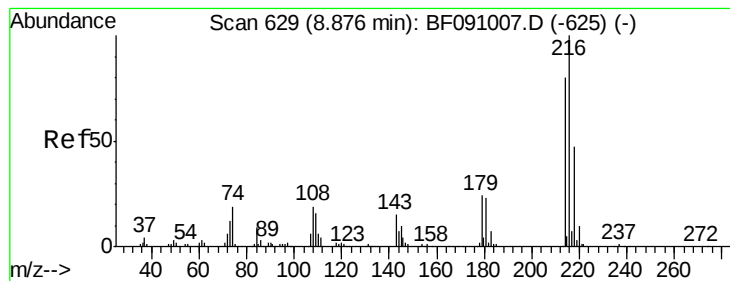


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.01 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 451195

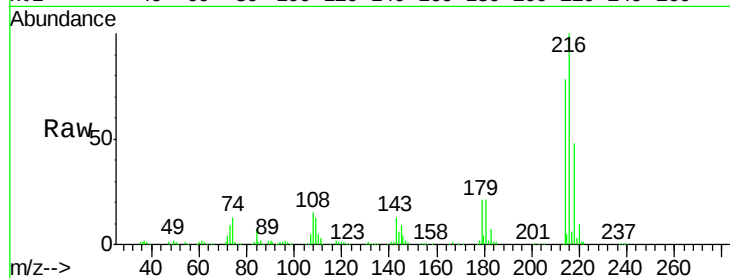
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 22.4 19.1 28.7

108 19.8 17.5 26.3

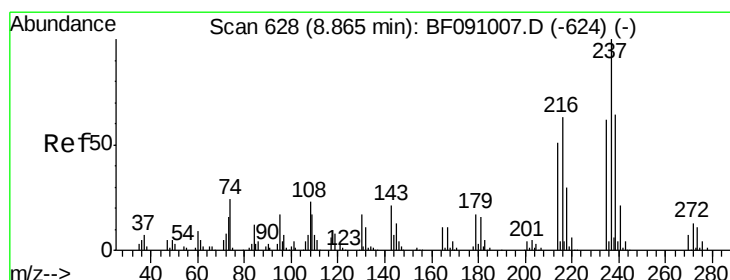
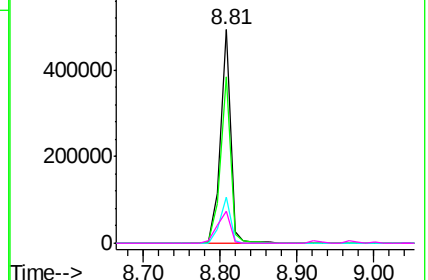
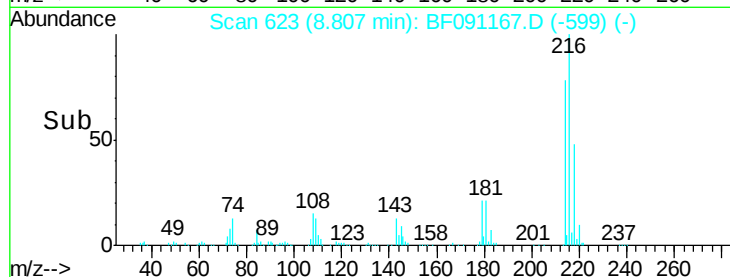


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.21 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

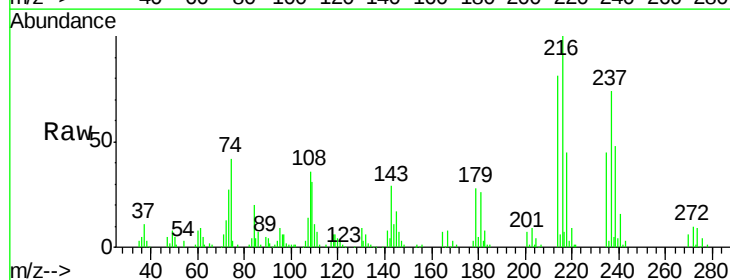
Tgt Ion:237 Resp: 103531

Ion Ratio Lower Upper

237 100

235 60.6 42.1 82.1

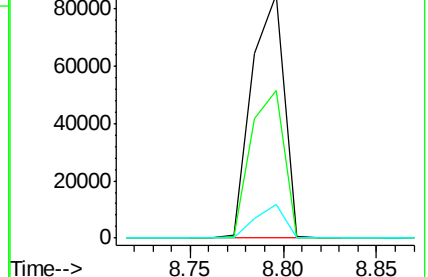
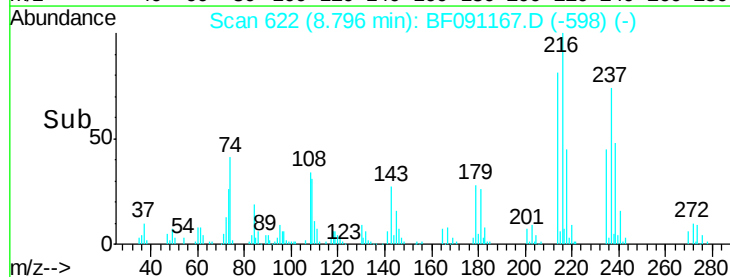
272 14.1 0.0 33.1

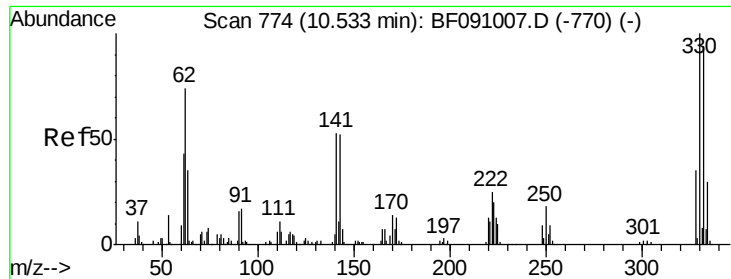


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

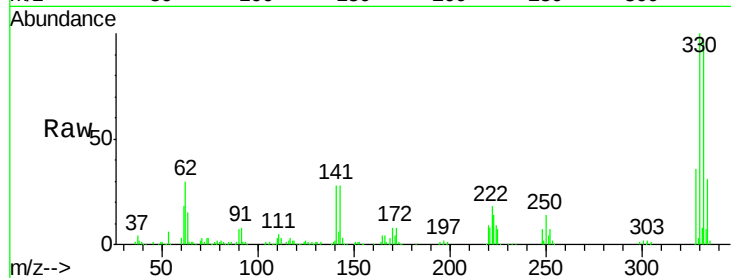




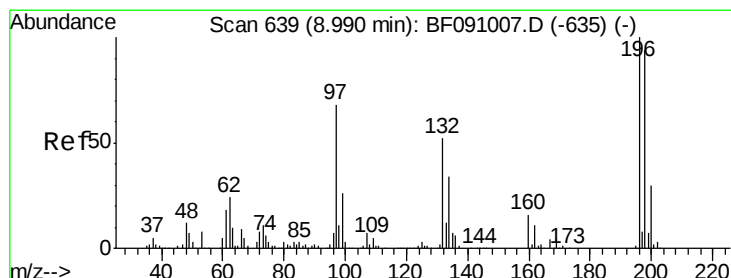
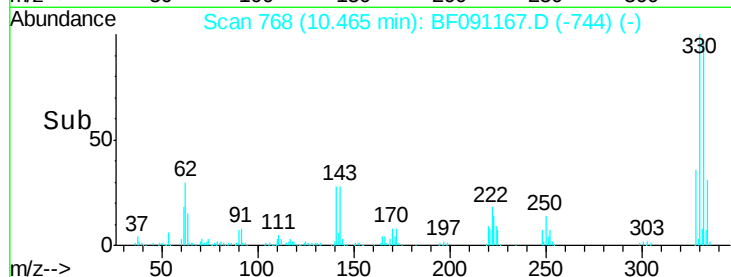
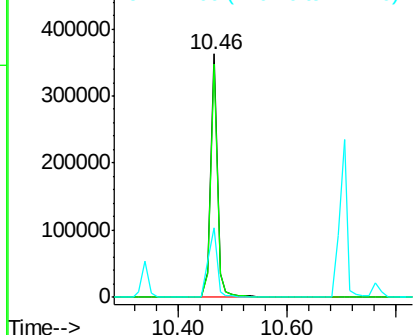
#41
 2,4,6-Tribromophenol
 Concen: 89.22 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 317124
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.9 113.9
 141 39.1 36.1 54.1

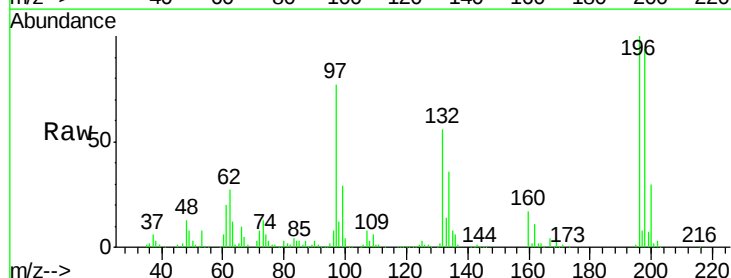


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

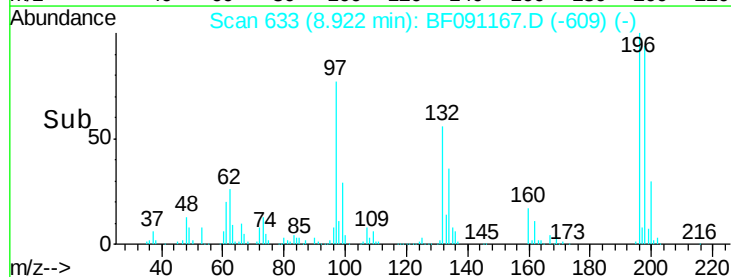
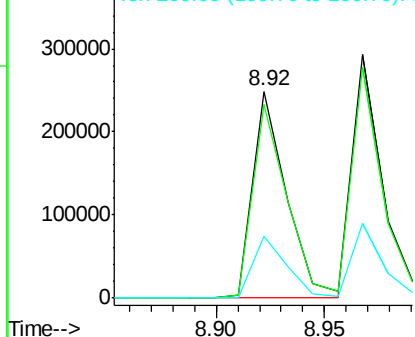


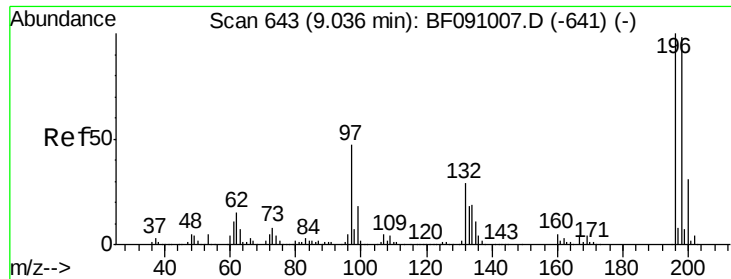
#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:196 Resp: 268859
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 200 30.1 24.1 36.1



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

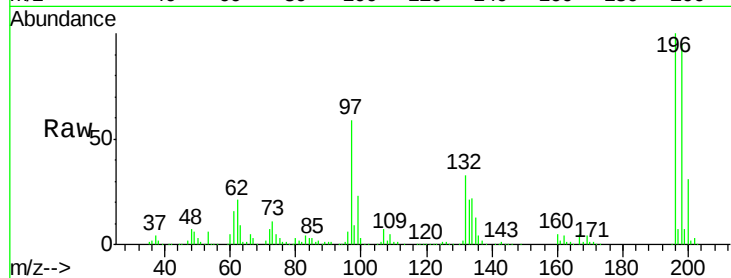




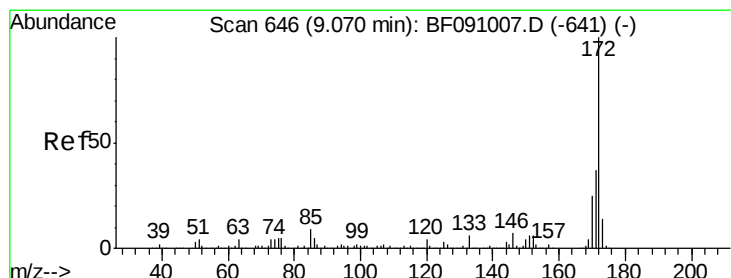
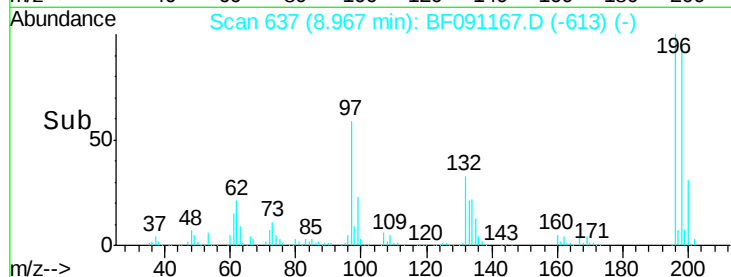
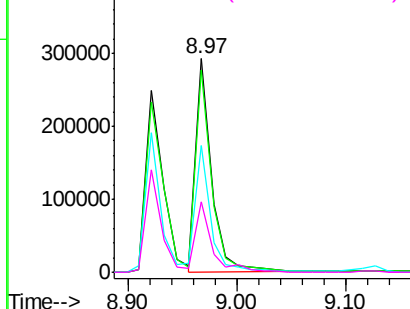
#43
 2,4,5-Trichlorophenol
 Concen: 43.10 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.2	117.4
97	59.4	38.8	58.2
132	32.9	23.5	35.3

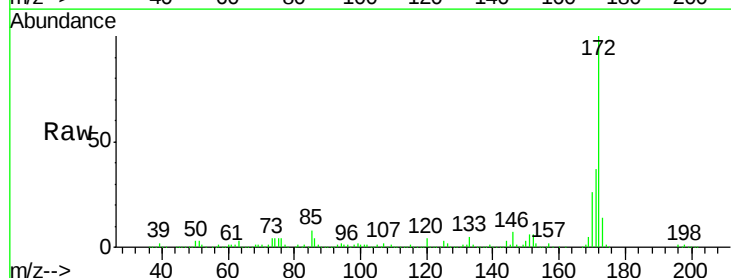


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

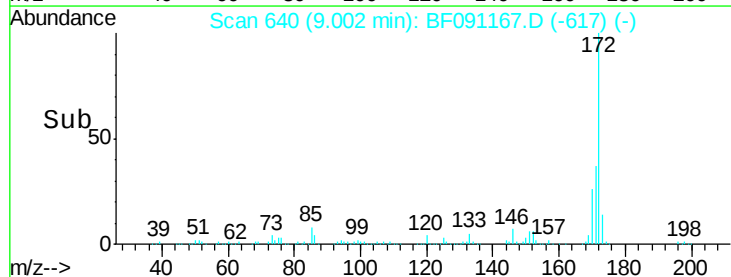
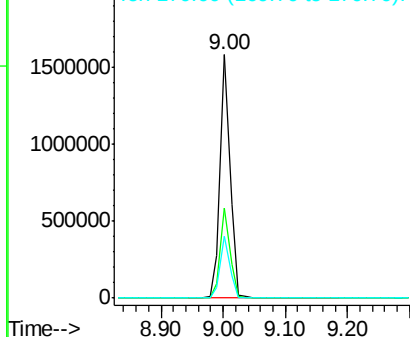


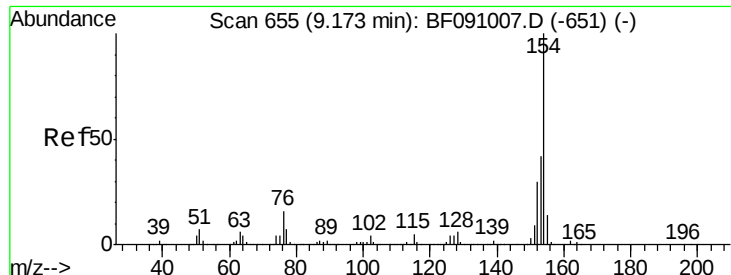
#44
 2-Fluorobiphenyl
 Concen: 75.90 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.5	20.3	30.5



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

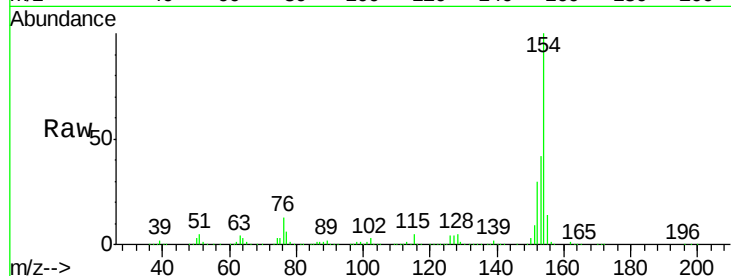




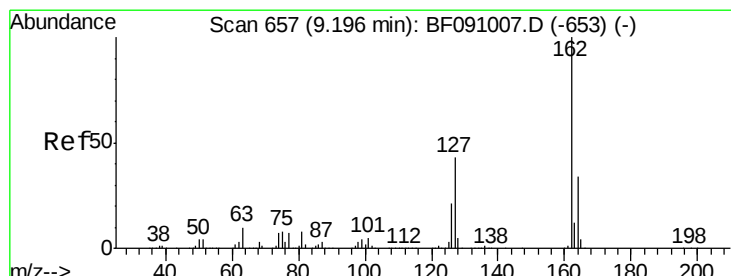
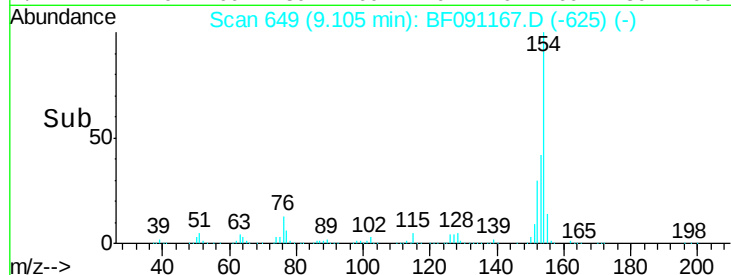
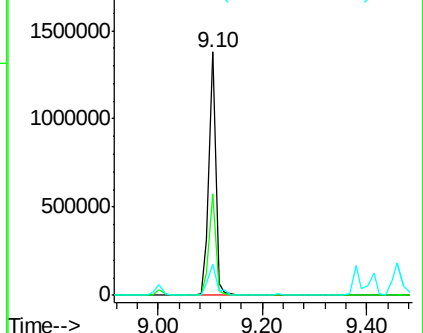
#45
 1,1'-Biphenyl
 Concen: 43.47 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1247766
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.6 61.6
 76 12.9 0.0 36.2

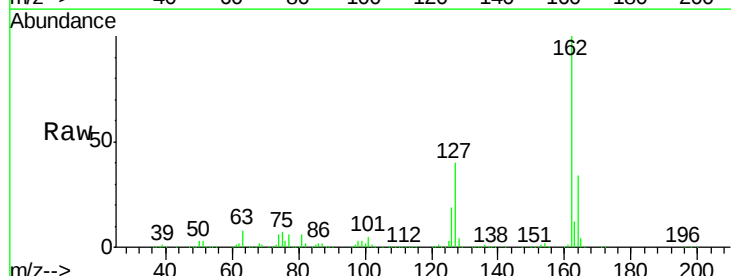


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

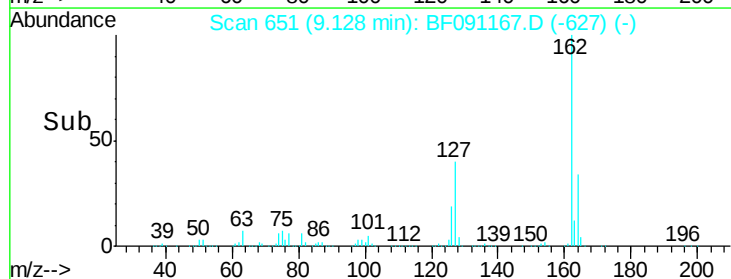
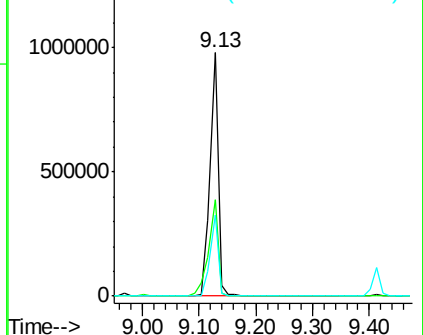


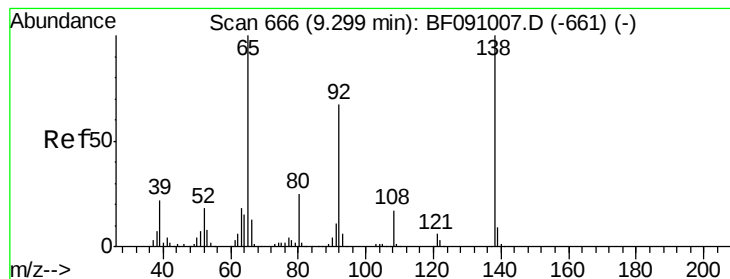
#46
 2-Chloronaphthalene
 Concen: 43.12 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:162 Resp: 939865
 Ion Ratio Lower Upper
 162 100
 127 39.7 34.7 52.1
 164 33.5 27.0 40.4



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





#47

2-Nitroaniline

Concen: 39.35 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

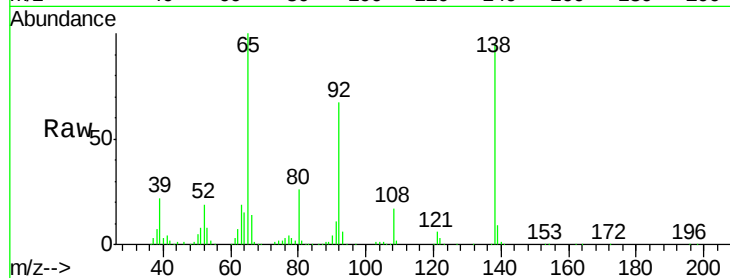
Tot Ion: 65 Resp: 318300

Ion Ratio Lower Upper

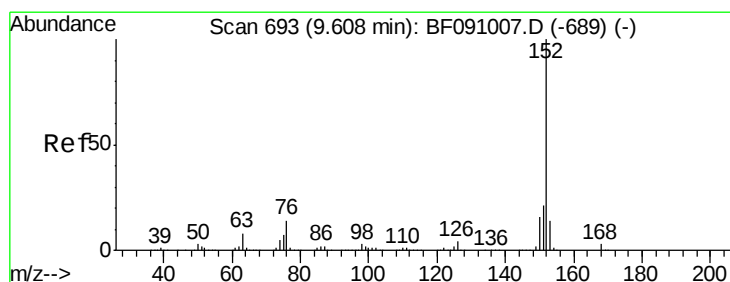
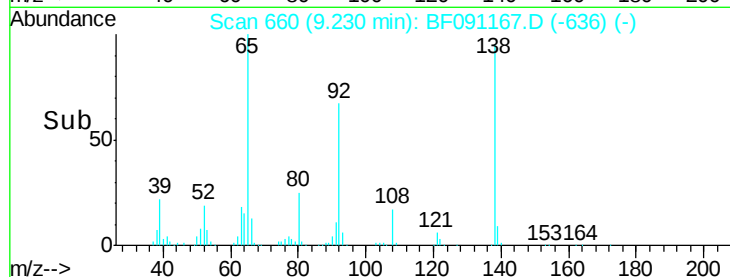
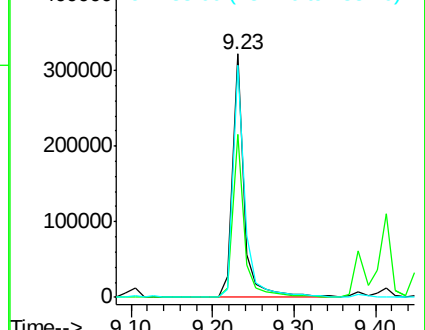
65 100

92 67.1 53.9 80.9

138 95.1 80.1 120.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.77 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

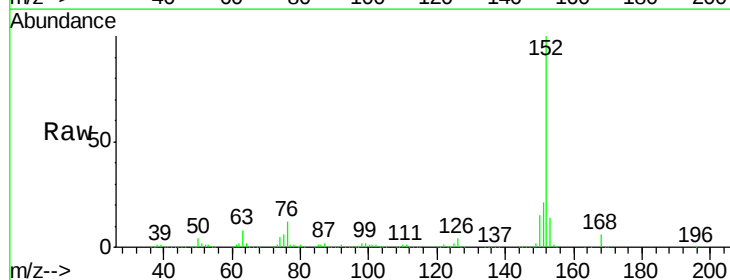
Tgt Ion: 152 Resp: 1418877

Ion Ratio Lower Upper

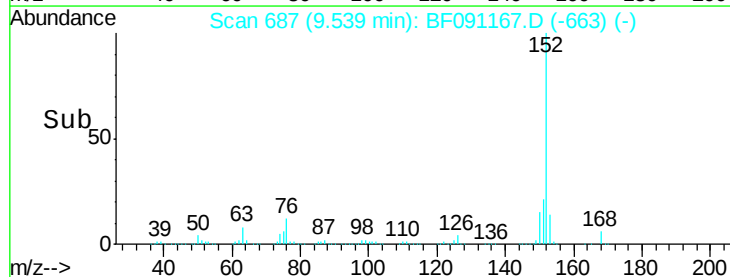
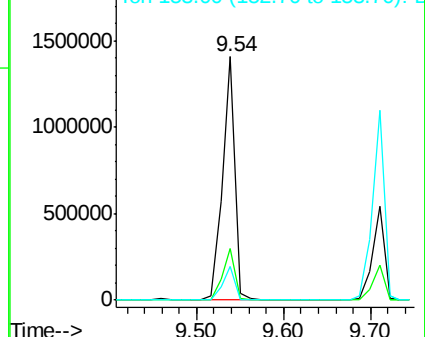
152 100

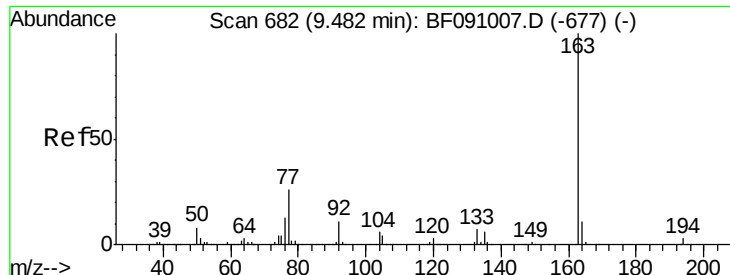
151 21.2 16.7 25.1

153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.32 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

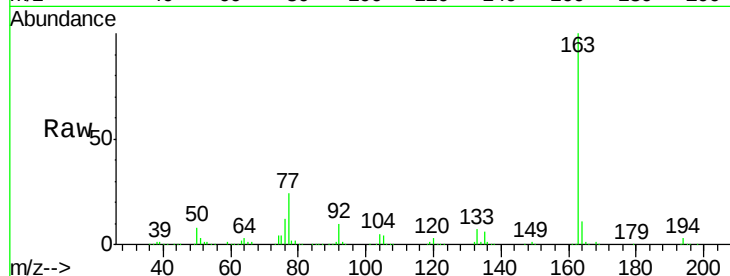
Tot Ion:163 Resp: 1039344

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

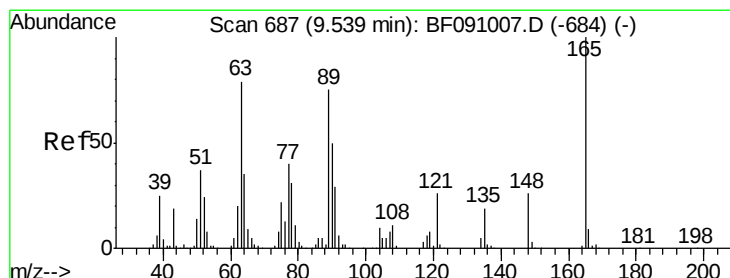
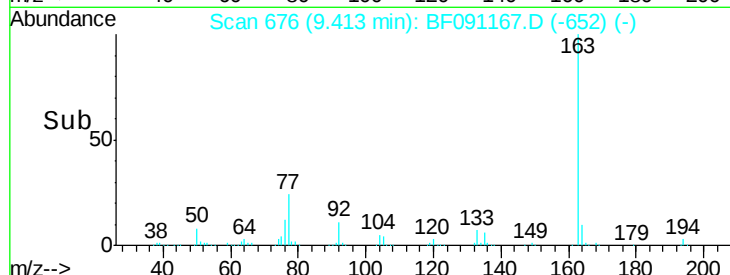
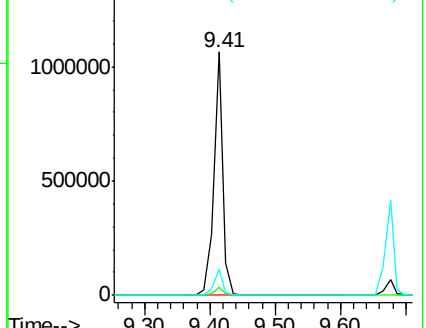
164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.82 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

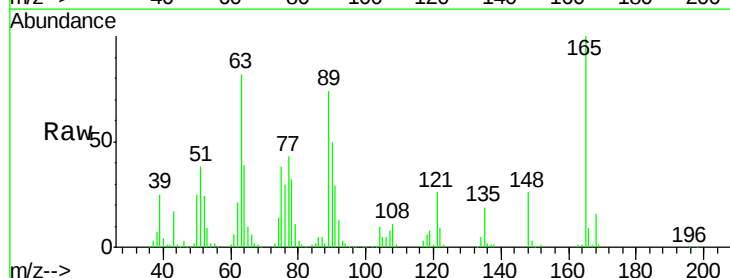
Tgt Ion:165 Resp: 225499

Ion Ratio Lower Upper

165 100

63 81.8 65.6 98.4

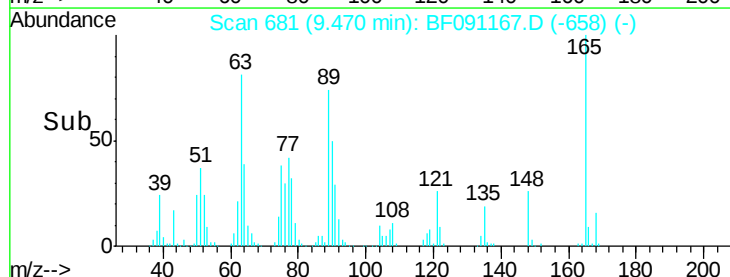
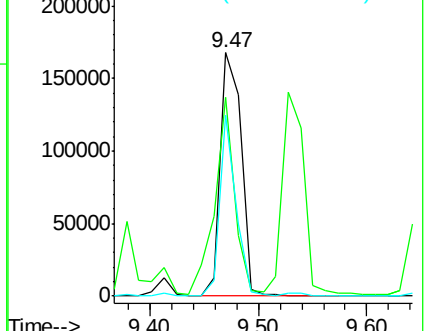
89 74.3 59.8 89.6

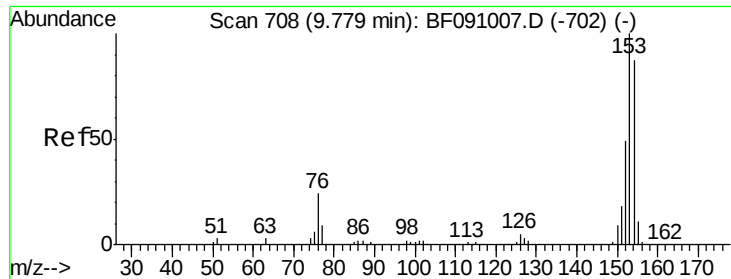


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.45 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

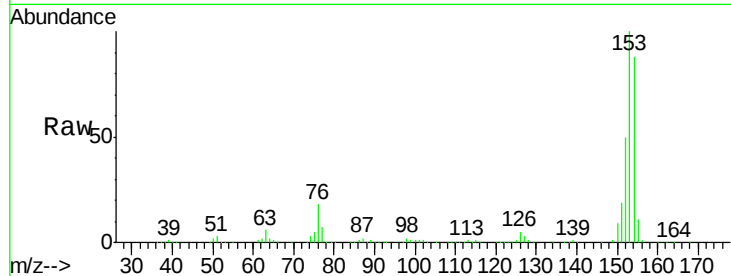
Tot Ion:154 Resp: 905272

Ion Ratio Lower Upper

154 100

153 113.7 91.6 137.4

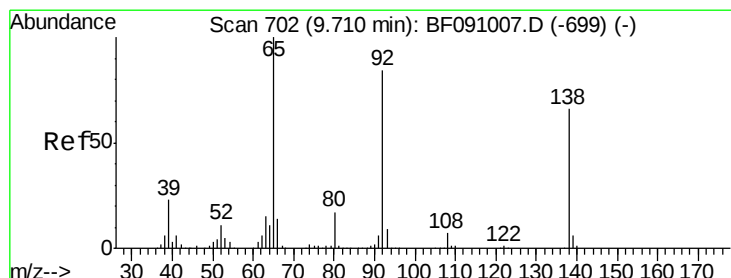
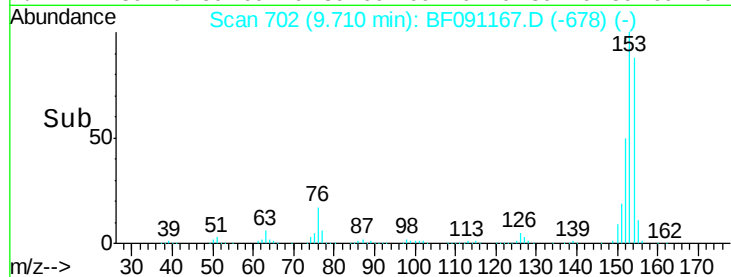
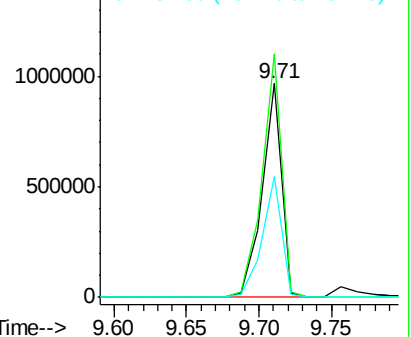
152 56.4 44.6 67.0



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: 39.10 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

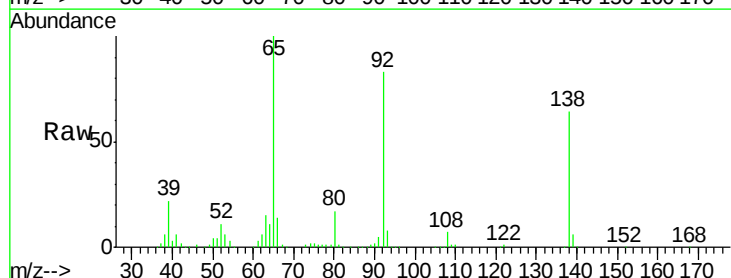
Tgt Ion:138 Resp: 256172

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

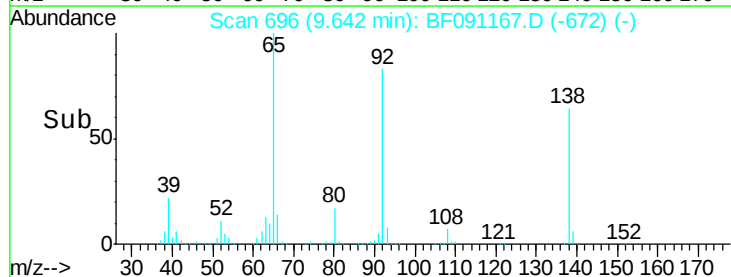
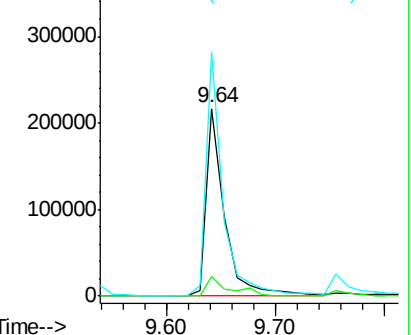
92 129.6 101.1 151.7

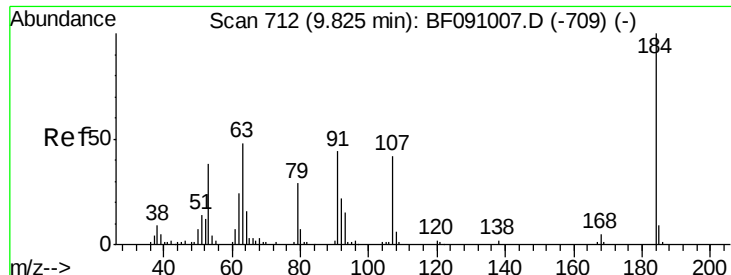


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

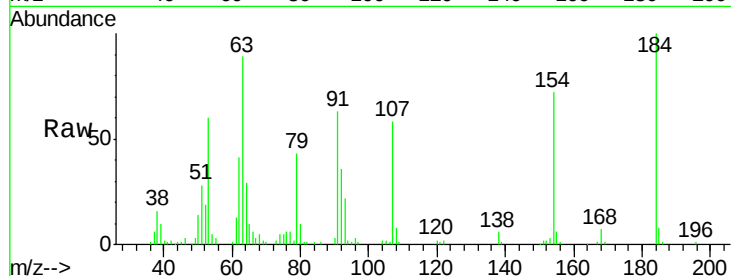




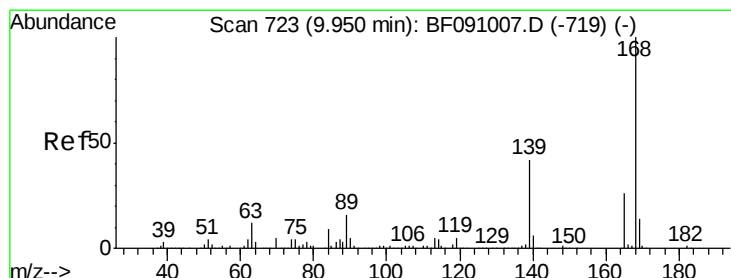
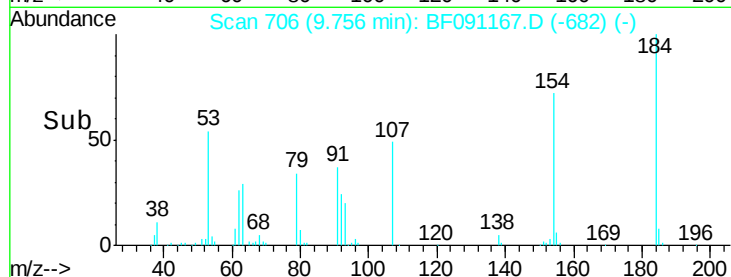
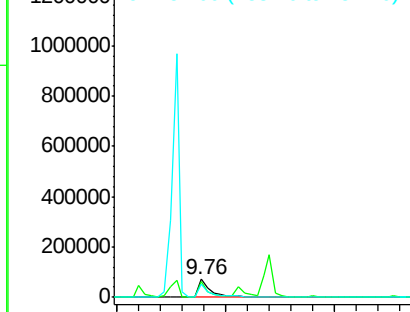
#53
 2,4-Dinitrophenol
 Concen: 42.64 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 118784
 Ion Ratio Lower Upper
 184 100
 63 88.9 45.5 68.3#
 154 71.6 51.0 76.4

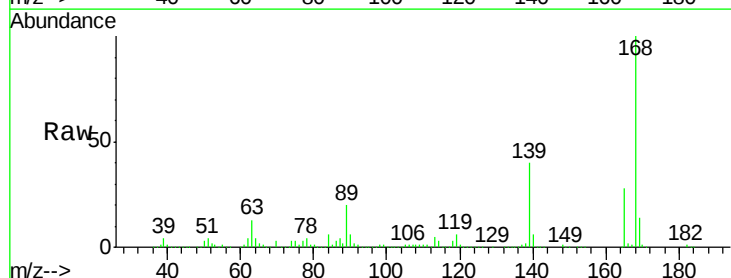


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

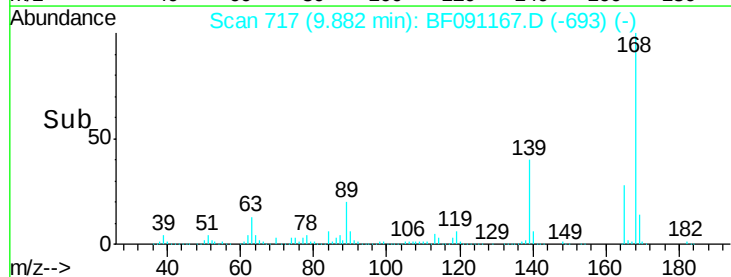
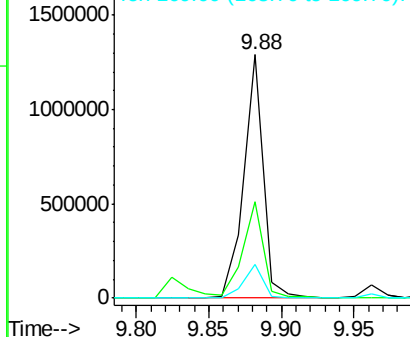


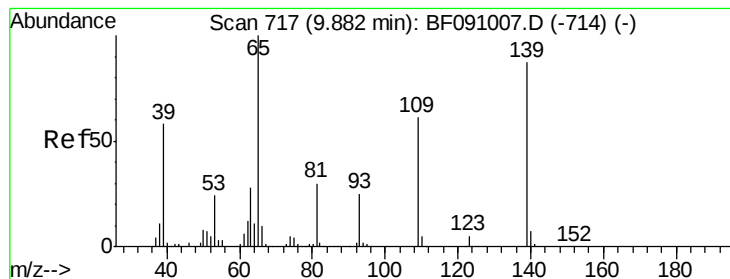
#54
 Dibenzofuran
 Concen: 41.73 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:168 Resp: 1197905
 Ion Ratio Lower Upper
 168 100
 139 39.8 34.8 52.2
 169 14.0 11.4 17.2



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: 35.16 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

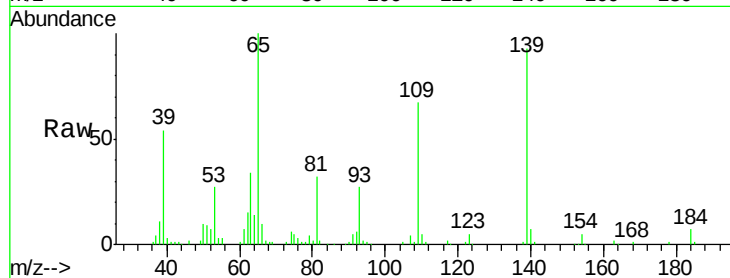
Tot Ion:139 Resp: 138296

Ion Ratio Lower Upper

139 100

109 71.6 50.5 90.5

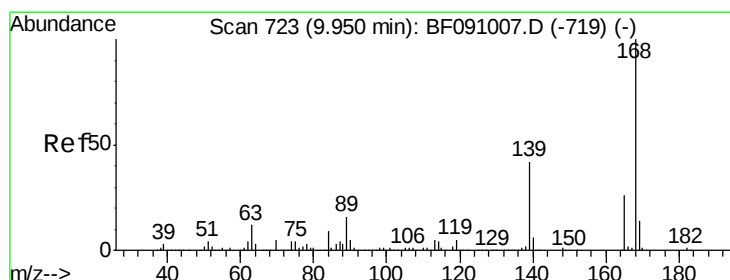
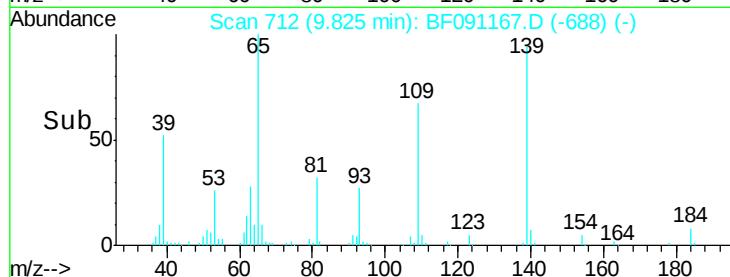
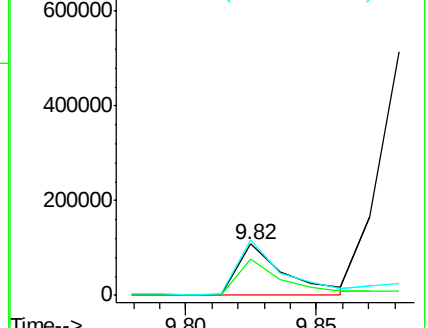
65 107.1 97.1 137.1



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: 44.66 ng

RT: 9.88 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Tgt Ion:165 Resp: 313953

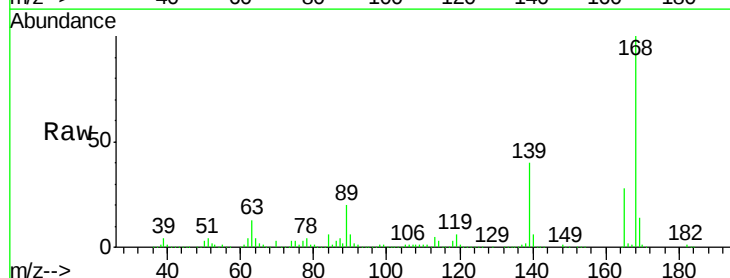
Ion Ratio Lower Upper

165 100

63 47.9 38.7 58.1

89 71.7 50.6 76.0

182 2.3 1.8 2.8

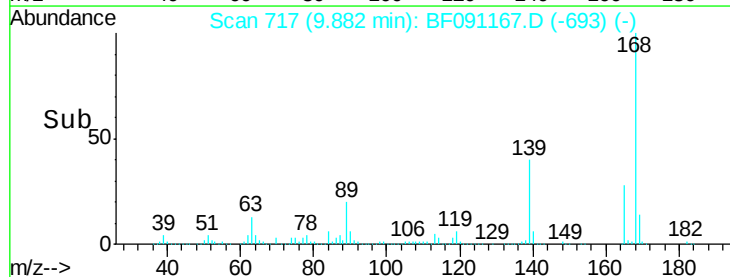
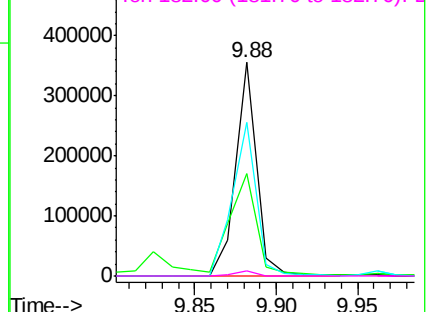


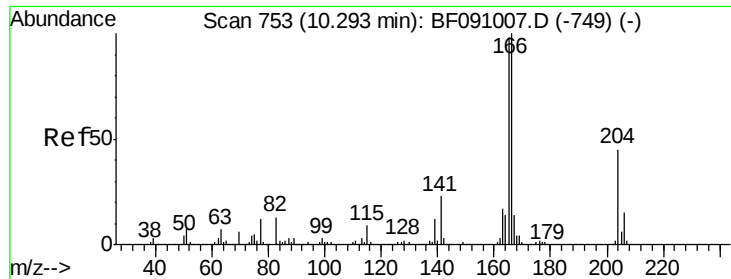
Abundance Ion 165.00 (164.70 to 165.70): E

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



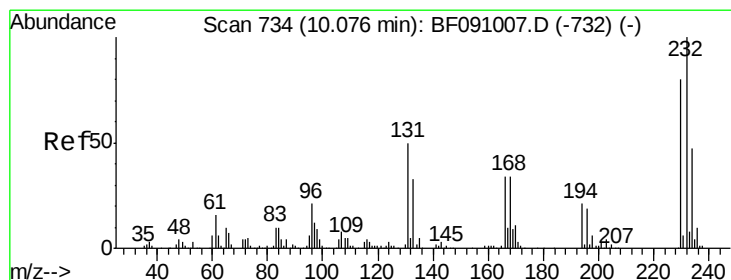
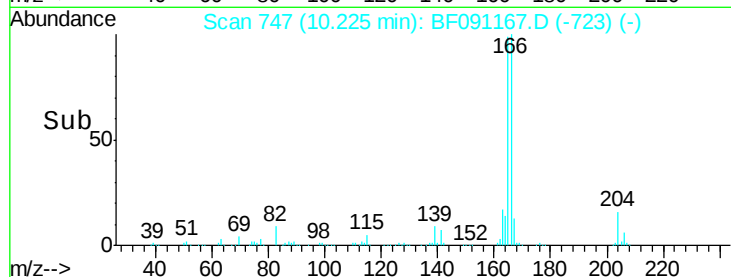
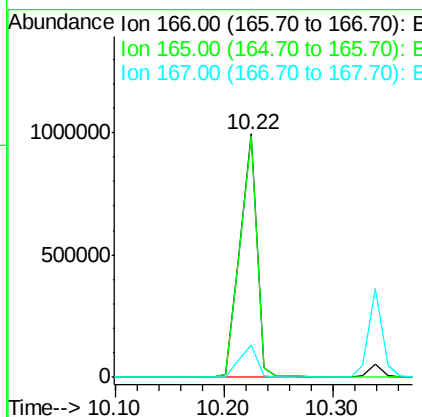
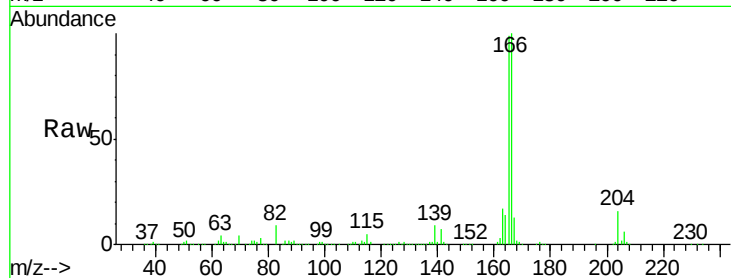


#57
Fluorene
 Concen: 45.32 ng
 RT: 10.22 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:166 Resp: 1063427

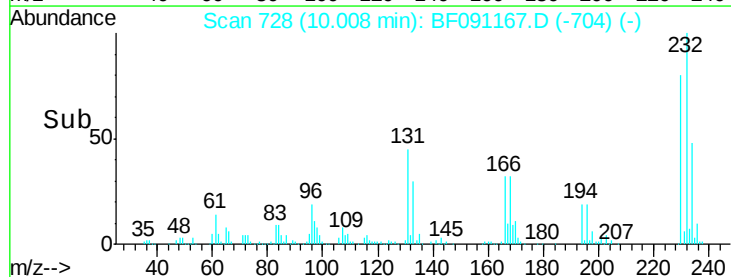
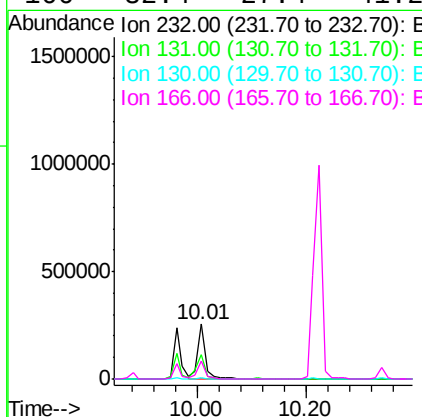
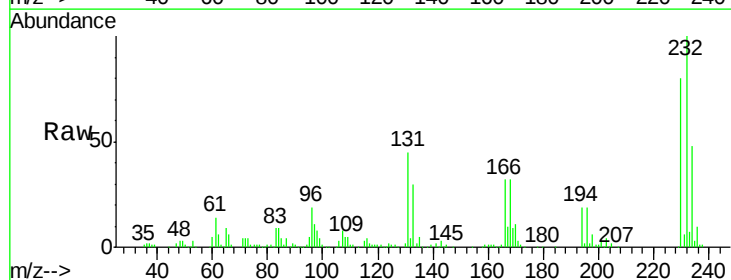
Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	118.0
167	13.3	11.1	16.7

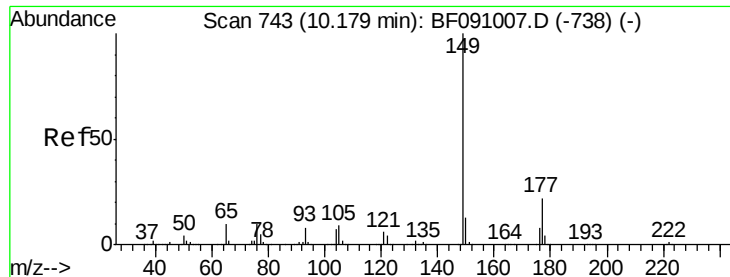


#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.45 ng
 RT: 10.01 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:232 Resp: 247211

Ion	Ratio	Lower	Upper
232	100		
131	50.2	43.6	65.4
130	2.4	2.0	3.0
166	32.4	27.4	41.2

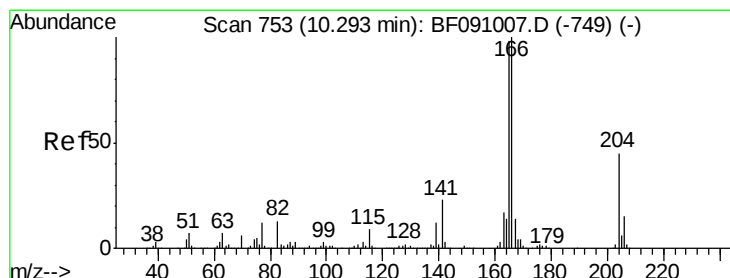
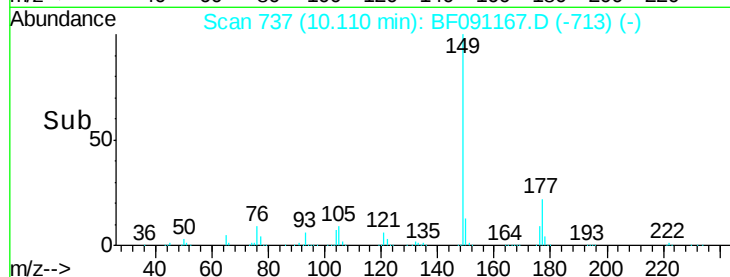
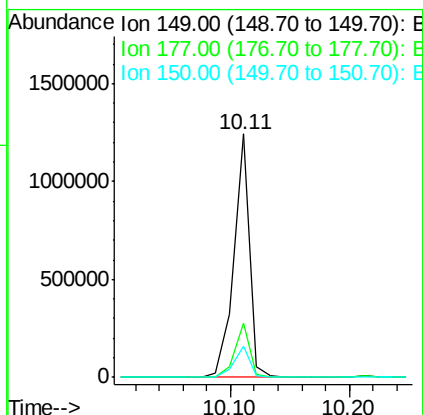
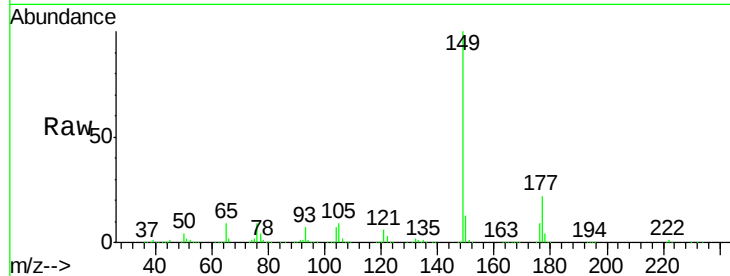




#59
Diethylphthalate
Concen: 42.94 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

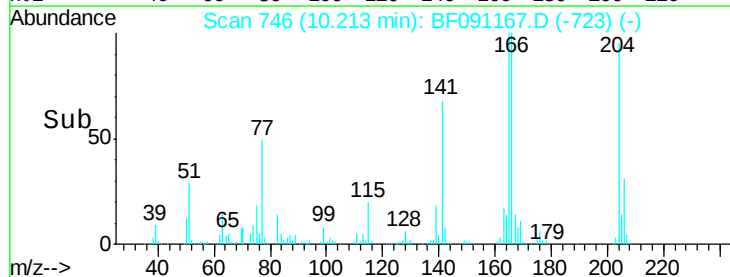
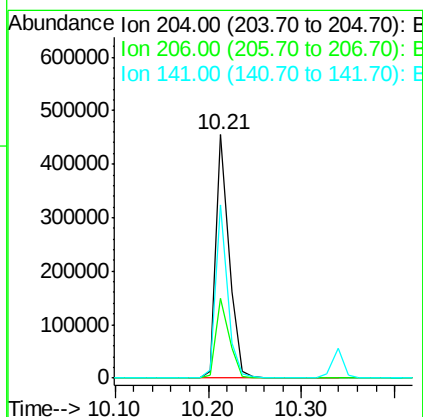
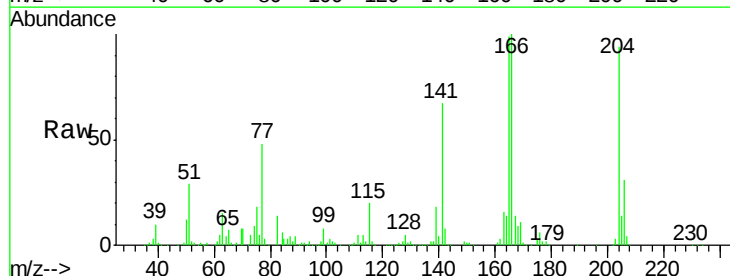
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

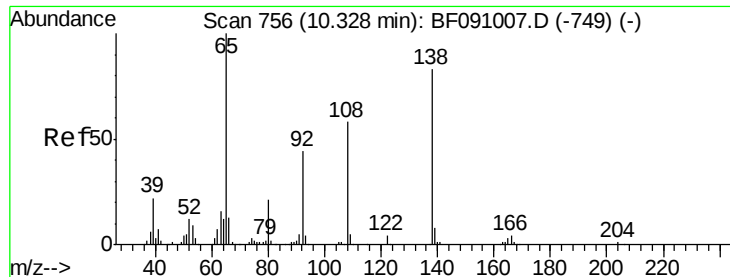
Tot Ion:149 Resp: 1134860
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 13.0 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 41.84 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:204 Resp: 446818
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 70.9 40.1 60.1#





#61

4-Nitroaniline

Concen: 41.63 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

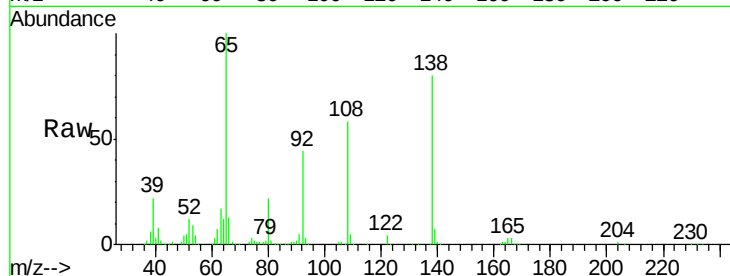
Tot Ion:138 Resp: 275905

Ion Ratio Lower Upper

138 100

92 55.2 32.5 72.5

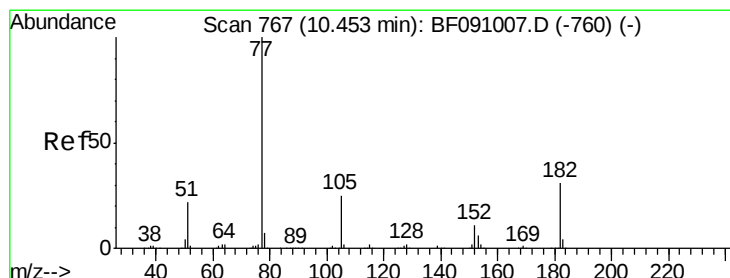
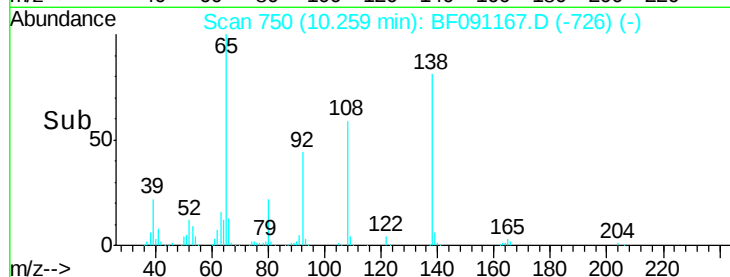
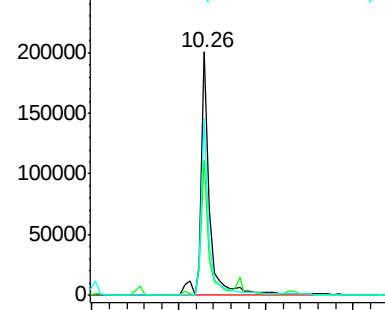
108 72.9 49.4 89.4



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: 36.64 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Tgt Ion: 77 Resp: 1139977

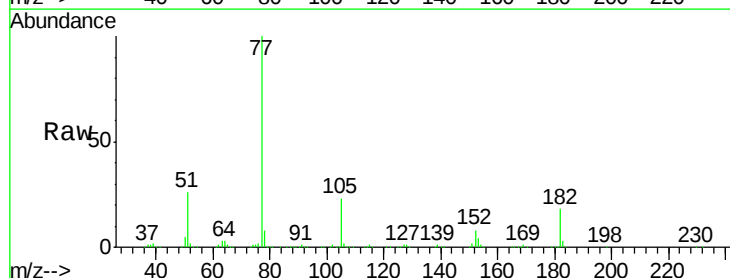
Ion Ratio Lower Upper

77 100

182 18.3 11.0 51.0

105 23.3 5.6 45.6

51 26.5 2.7 42.7

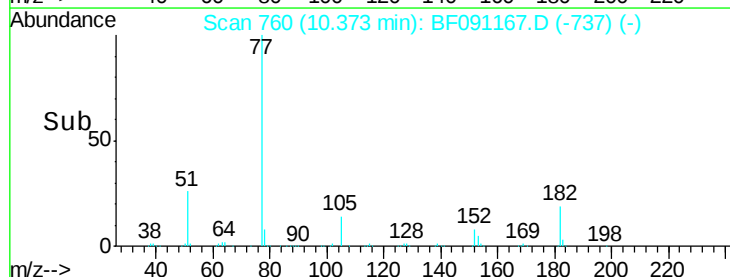
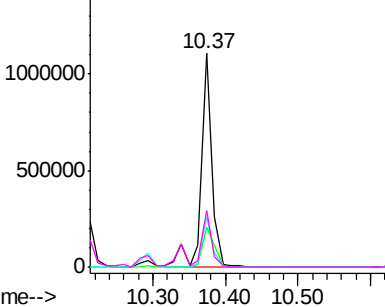


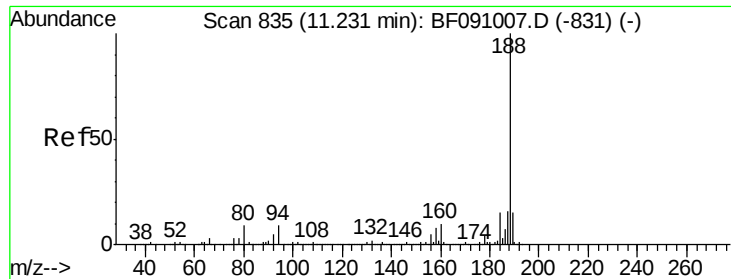
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

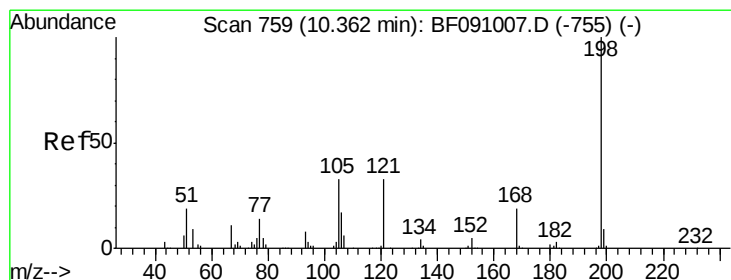
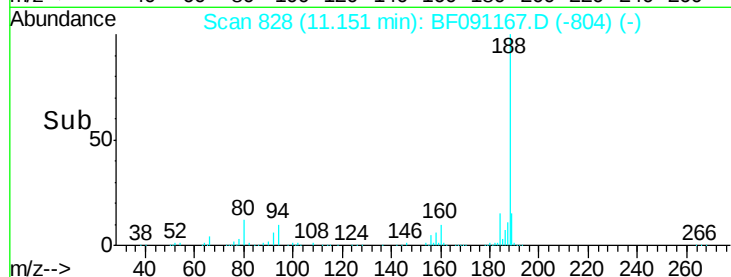
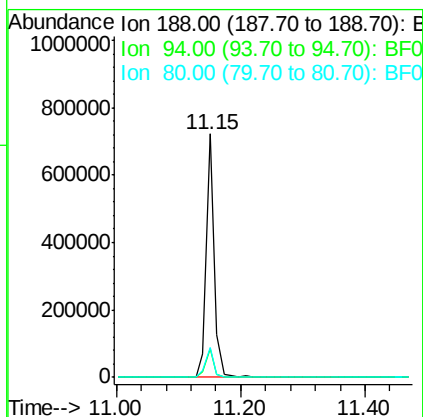
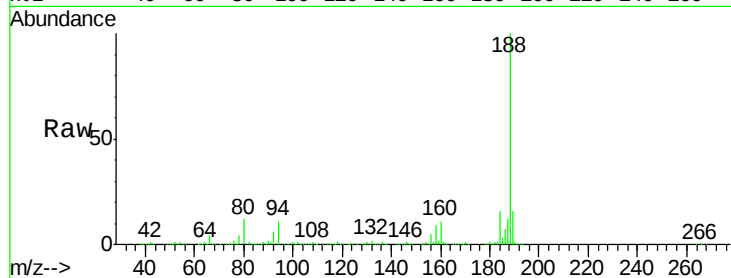




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

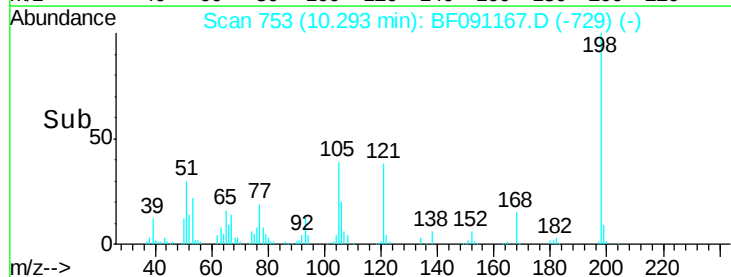
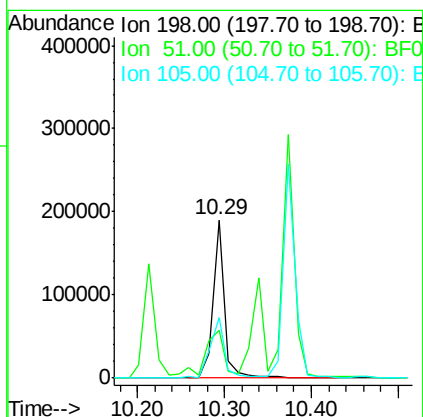
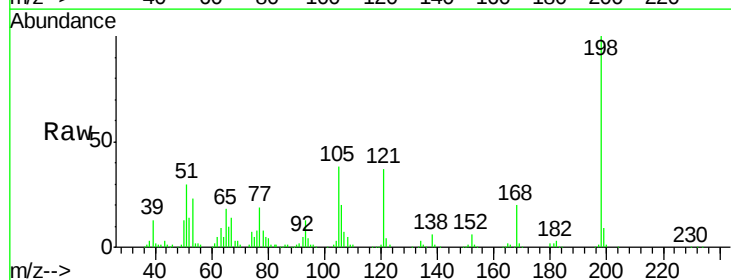
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

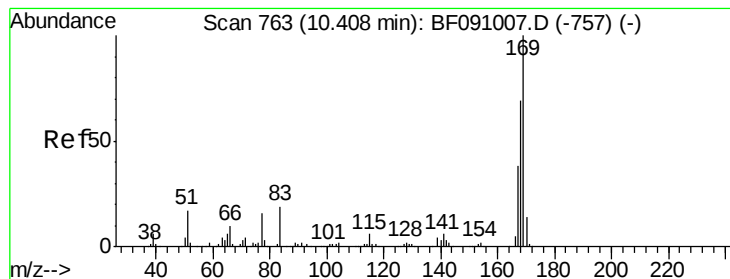
Tot Ion:188 Resp: 651557
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.4#
80 12.2 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.91 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:198 Resp: 179165
Ion Ratio Lower Upper
198 100
51 30.2 5.9 45.9
105 38.5 13.8 53.8





#65

n-Nitrosodiphenylamine

Concen: 40.06 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

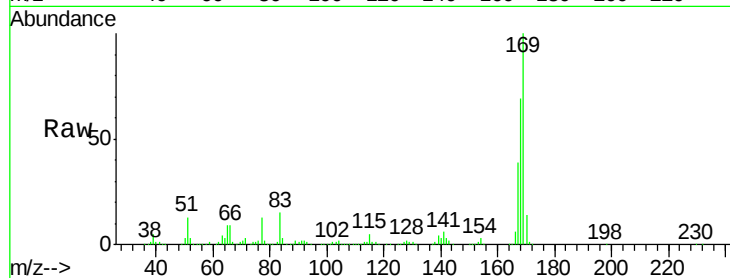
Tot Ion:169 Resp: 829646

Ion Ratio Lower Upper

169 100

168 69.4 55.3 82.9

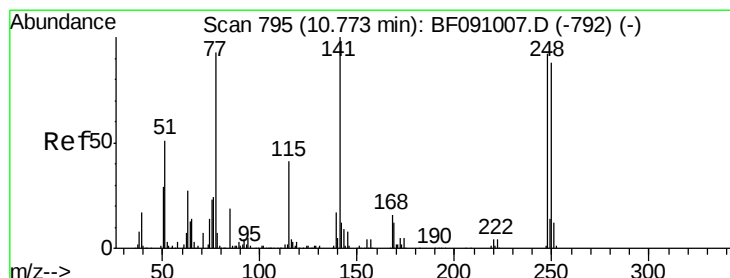
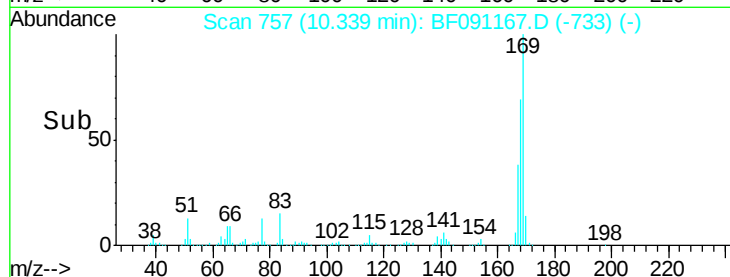
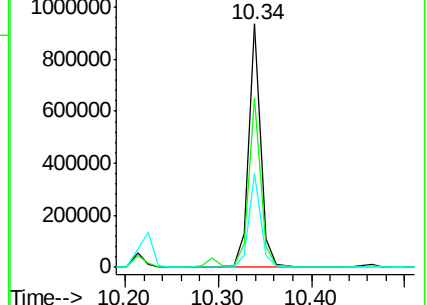
167 38.5 30.3 45.5



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: 44.88 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

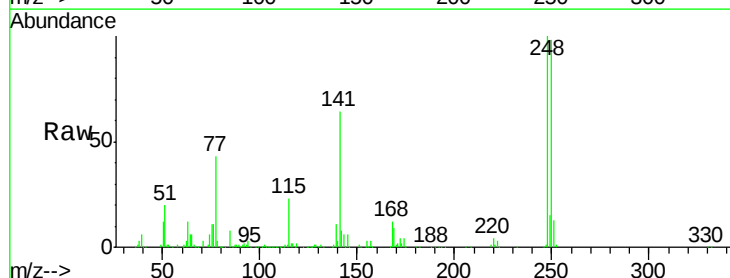
Tgt Ion:248 Resp: 304129

Ion Ratio Lower Upper

248 100

250 98.3 76.3 114.5

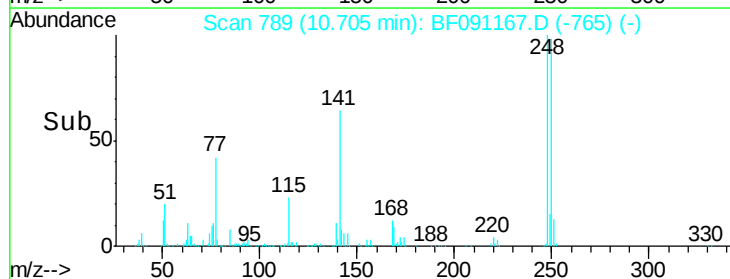
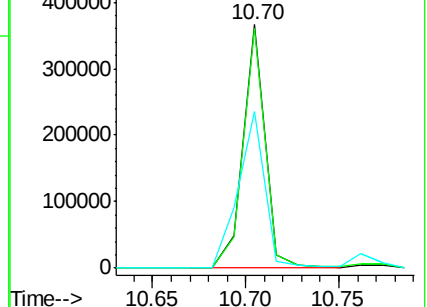
141 64.1 86.8 130.2#

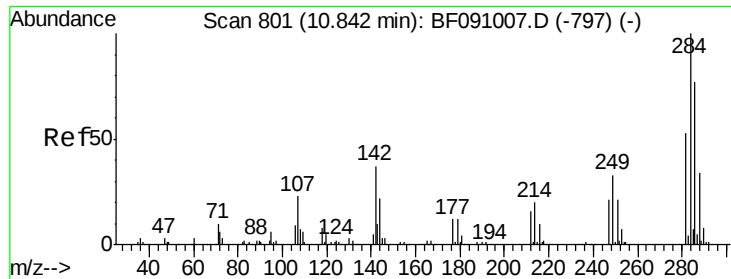


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

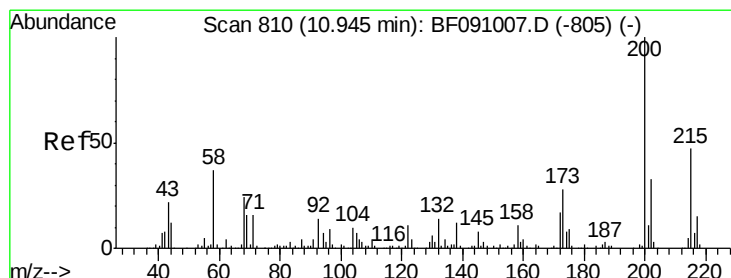
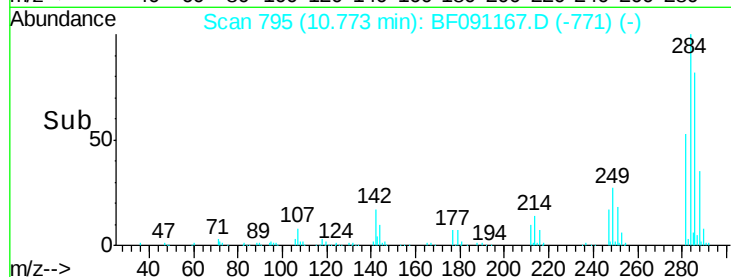
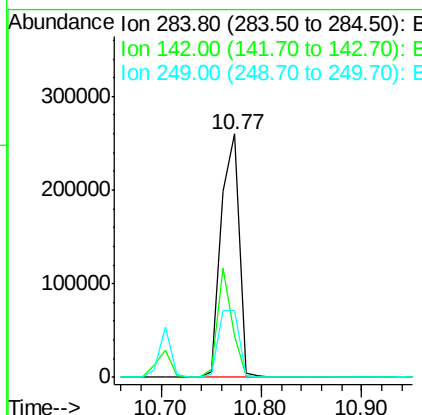
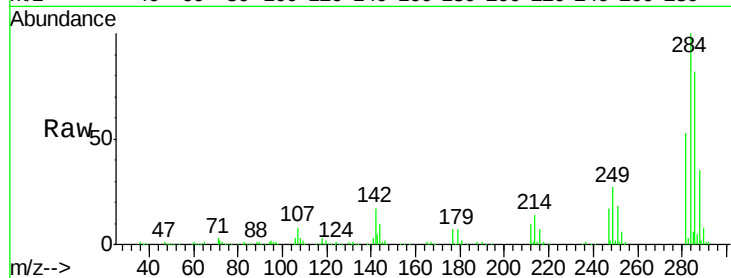




#67
Hexachlorobenzene
Concen: 43.46 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

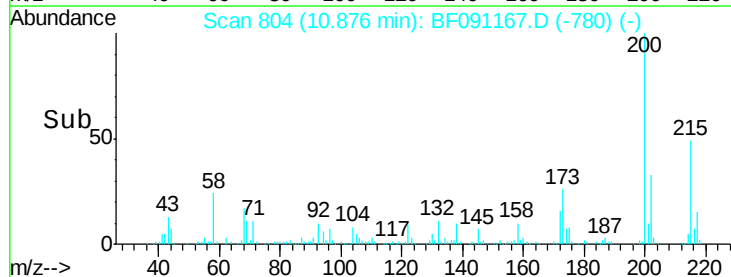
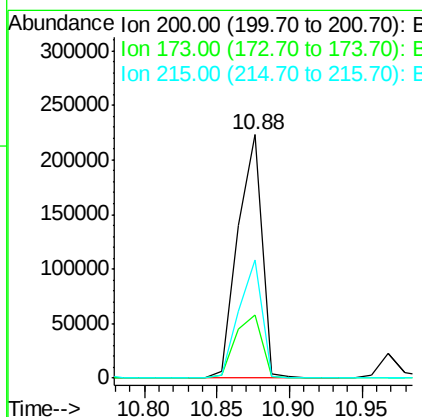
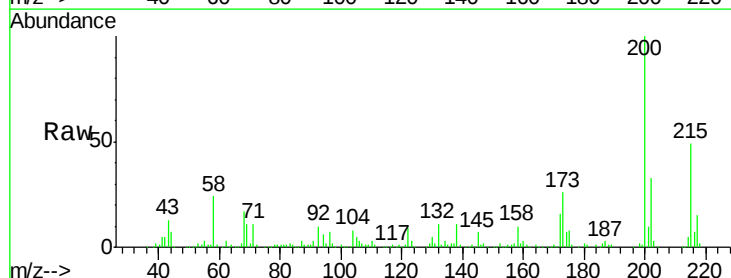
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

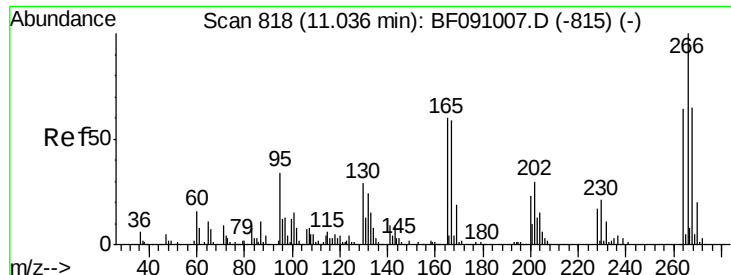
Tot Ion	Ratio	Lower	Upper
284	100		
142	17.1	29.9	44.9#
249	27.3	26.6	39.8



#68
Atrazine
Concen: 43.36 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.1	48.1
215	48.6	27.3	67.3

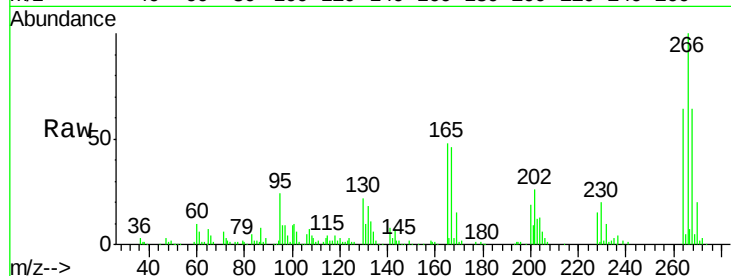




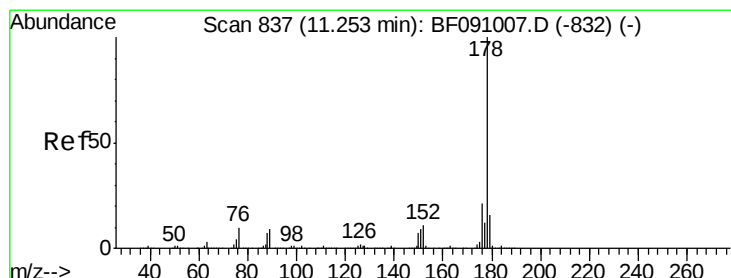
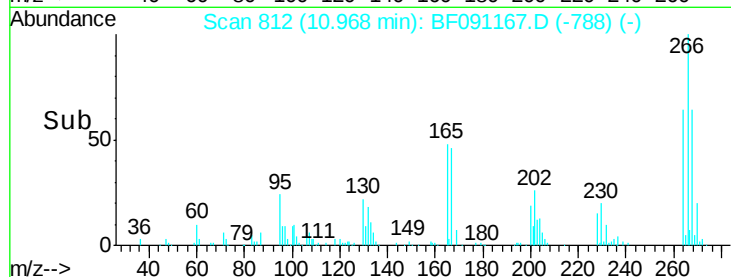
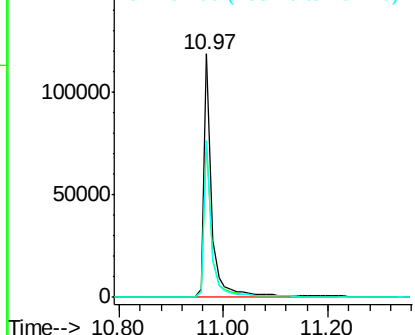
#69
 Pentachlorophenol
 Concen: 39.26 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 129969
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.1 78.1
 264 64.3 51.1 76.7

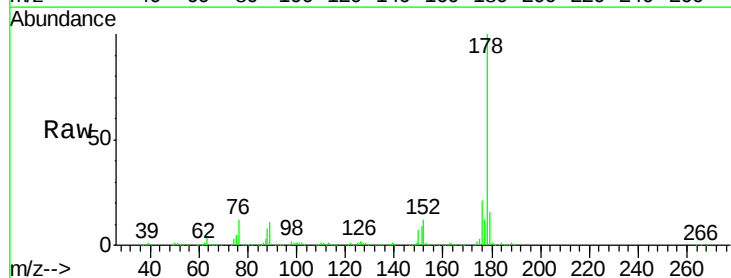


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

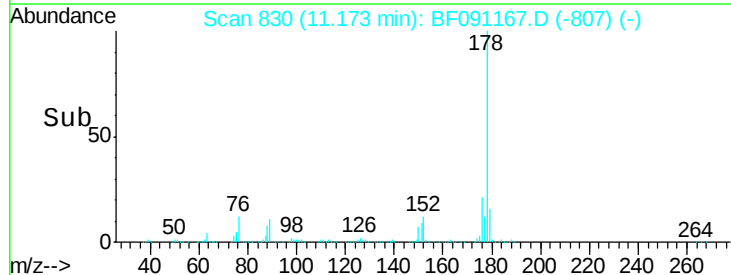
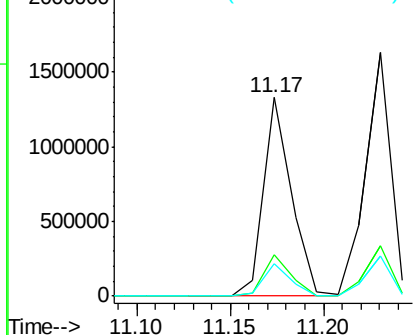


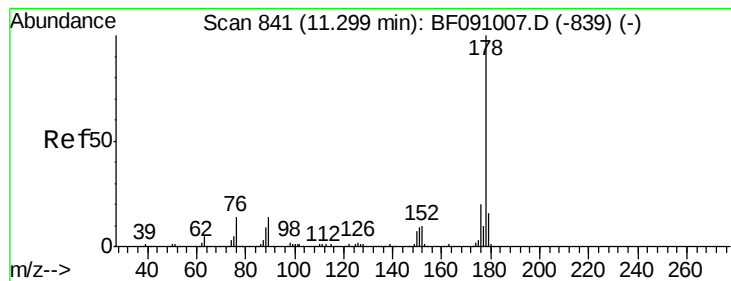
#70
 Phenanthrene
 Concen: 39.66 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:178 Resp: 1373681
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.6 25.0
 179 16.4 12.9 19.3



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: 42.57 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

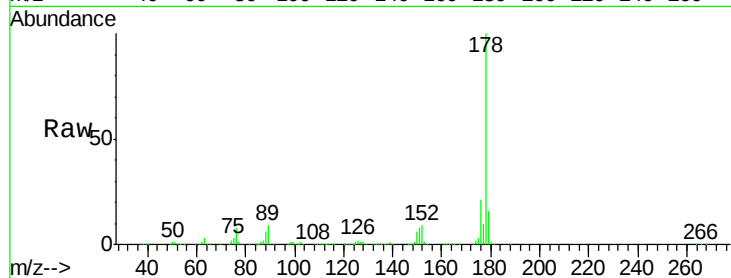
Tot Ion:178 Resp: 1567661

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

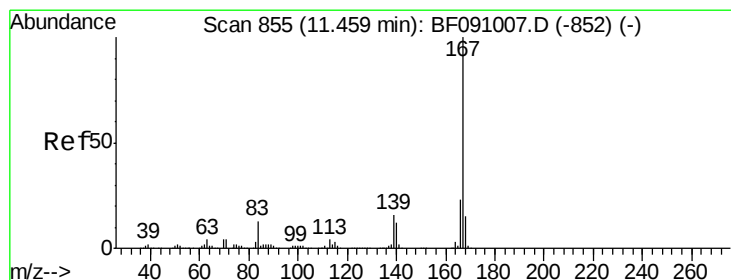
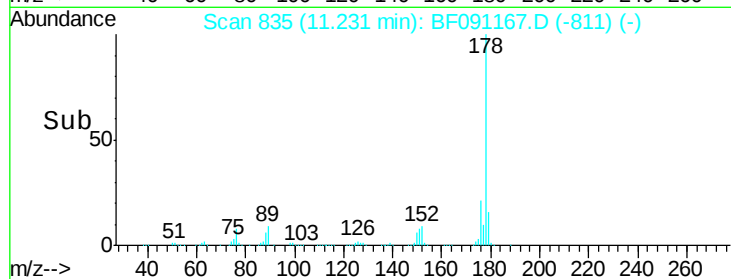
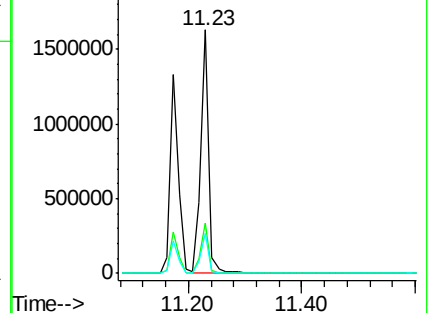
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.89 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

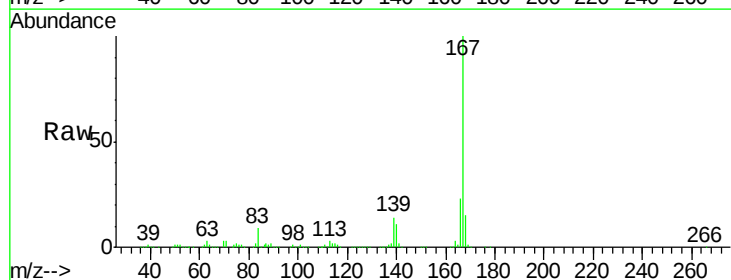
Tgt Ion:167 Resp: 1423184

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

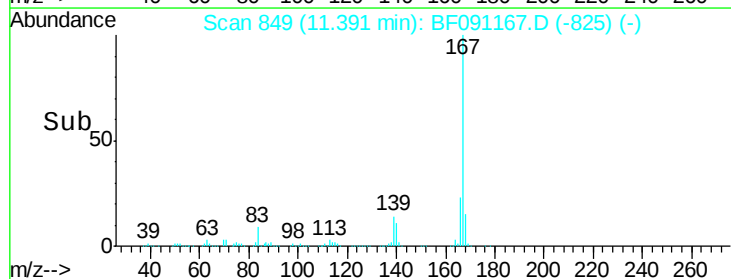
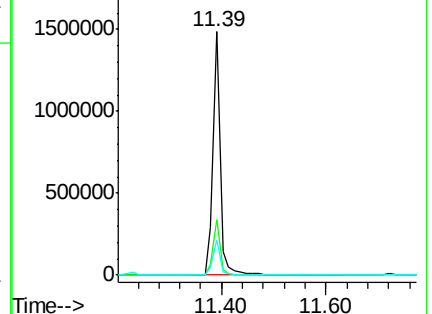
139 14.4 12.6 18.8

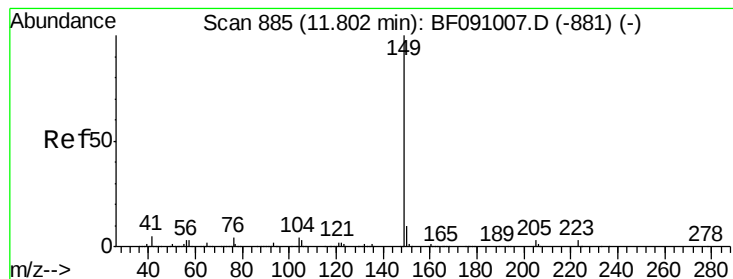


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.03 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

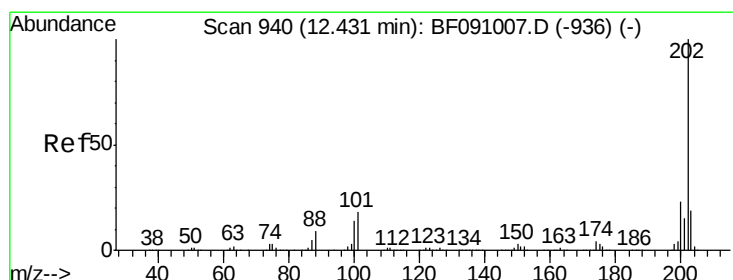
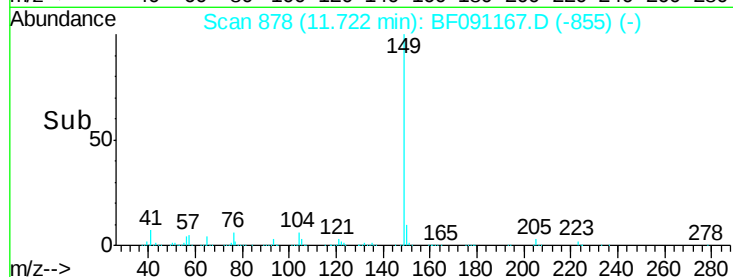
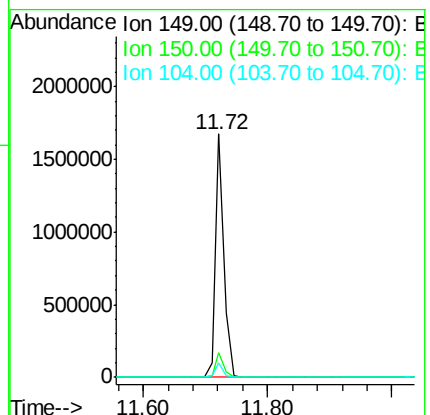
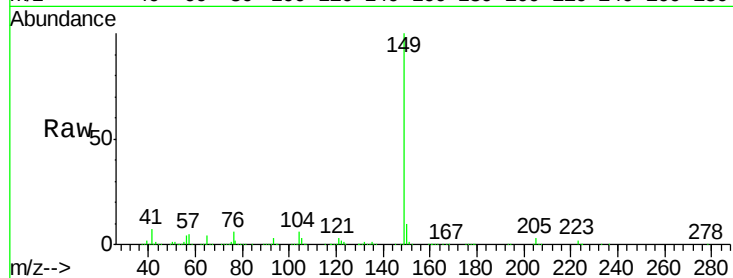
Tot Ion:149 Resp: 1545421

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

104 5.8 3.6 5.4#



#74

Fluoranthene

Concen: 44.03 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

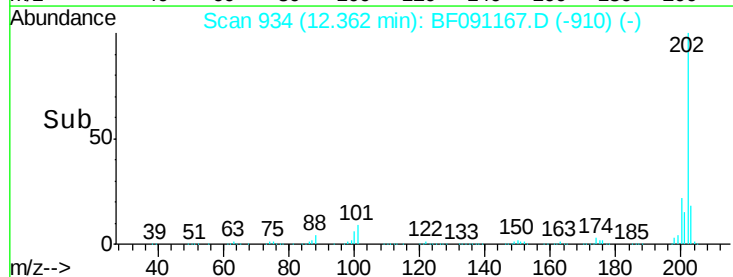
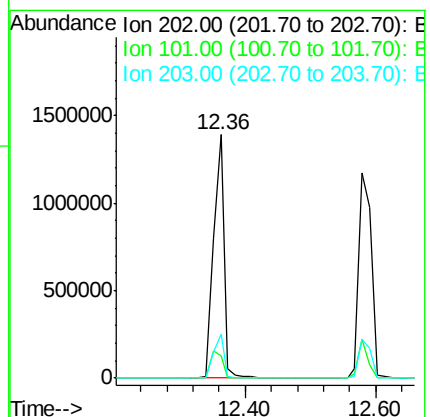
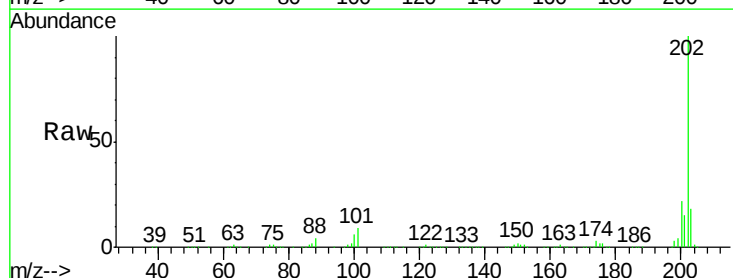
Tgt Ion:202 Resp: 1581498

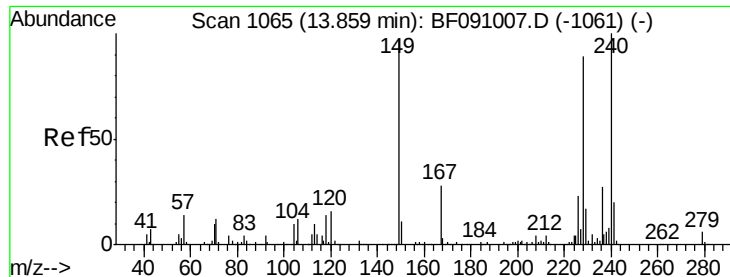
Ion Ratio Lower Upper

202 100

101 8.9 0.0 37.6

203 18.2 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

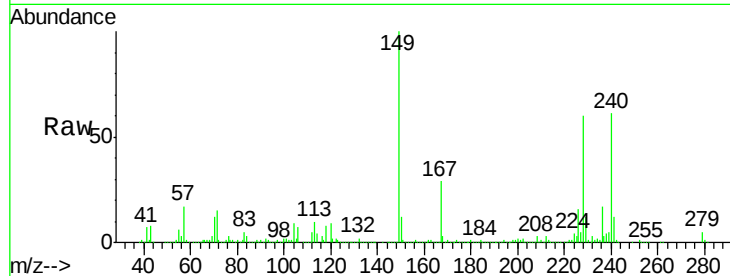
Tot Ion:240 Resp: 522961

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

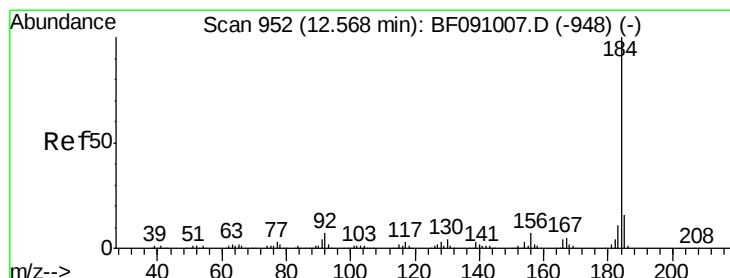
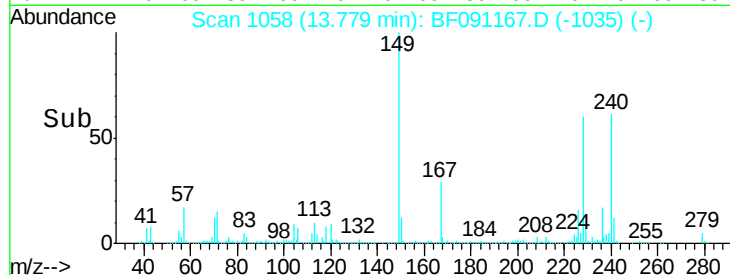
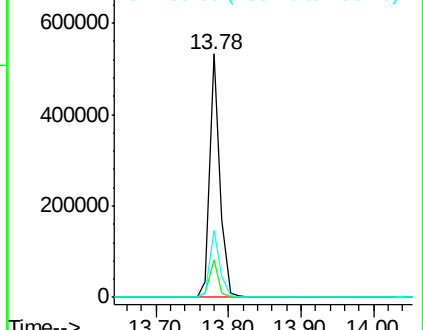
236 27.4 21.9 32.9



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: 51.92 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

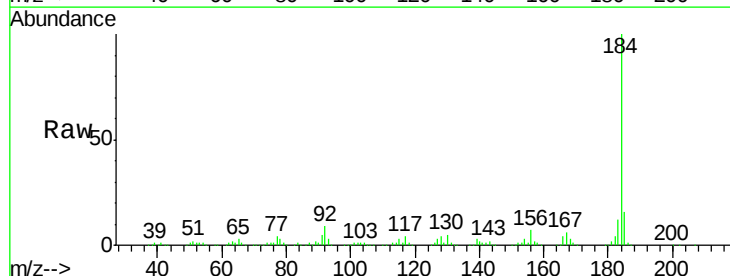
Tgt Ion:184 Resp: 606646

Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.4

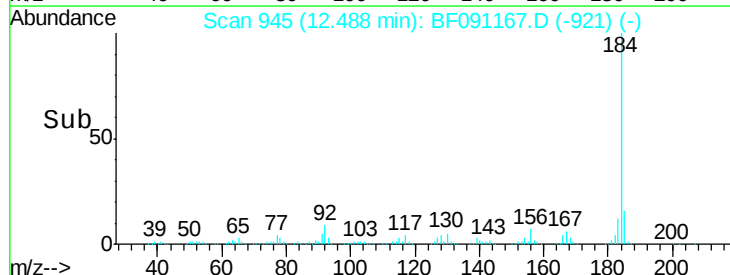
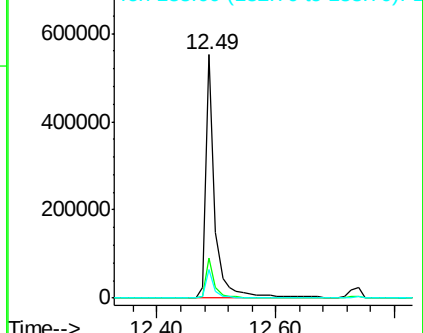
183 11.6 8.7 13.1

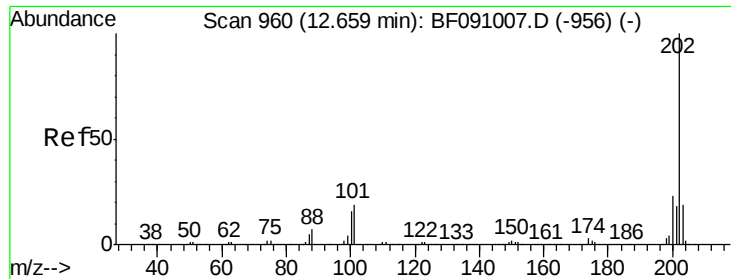


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

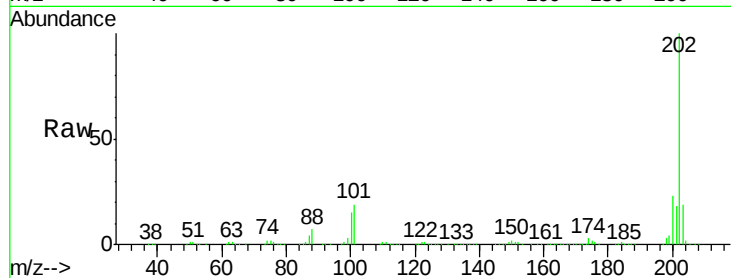




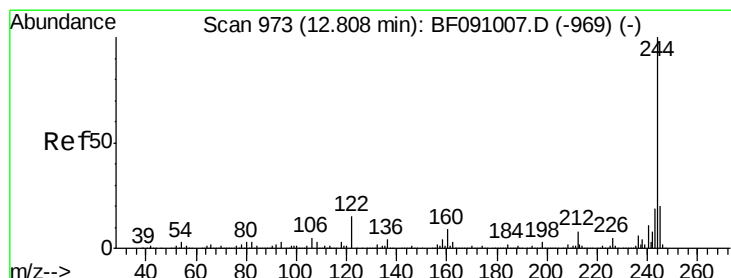
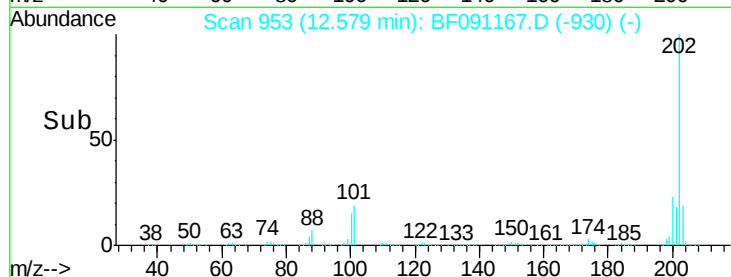
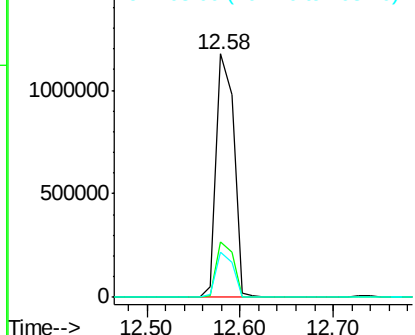
#77
Pvrene
Concen: 44.94 ng
RT: 12.58 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1539066
Ion Ratio Lower Upper
202 100
200 22.7 18.4 27.6
203 18.6 15.0 22.6

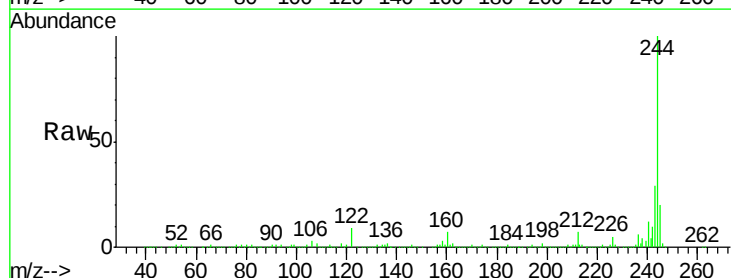


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

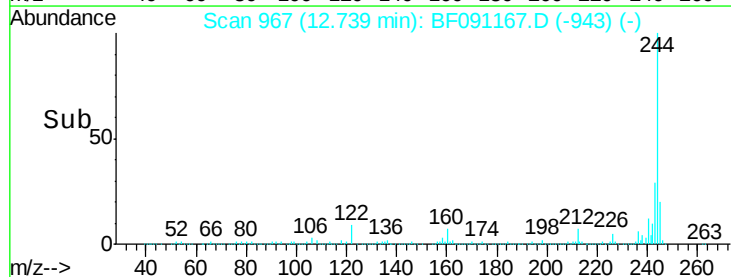
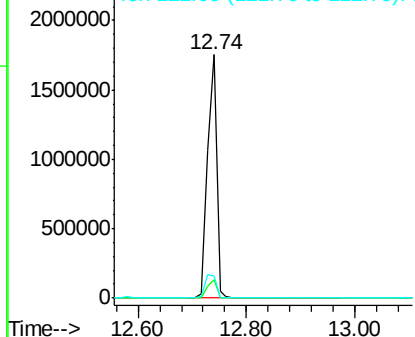


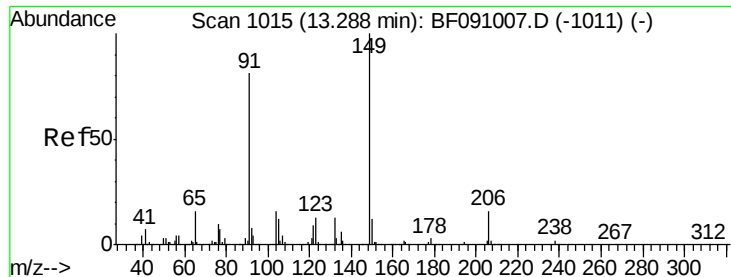
#78
Terphenyl-d14
Concen: 96.39 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:244 Resp: 2020109
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 9.0 12.3 18.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

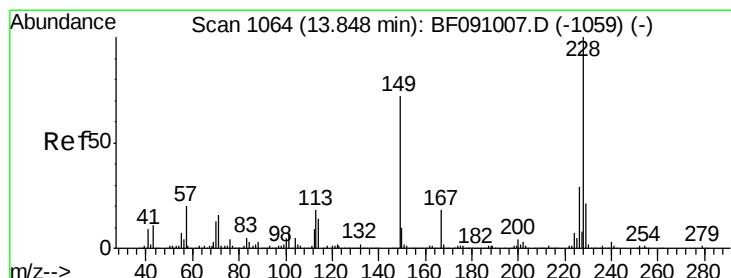
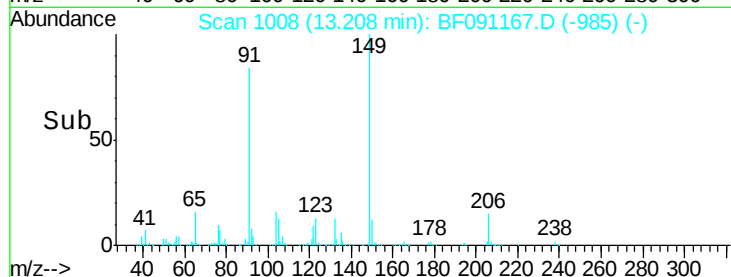
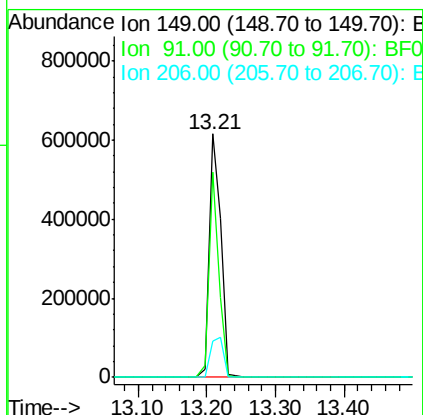
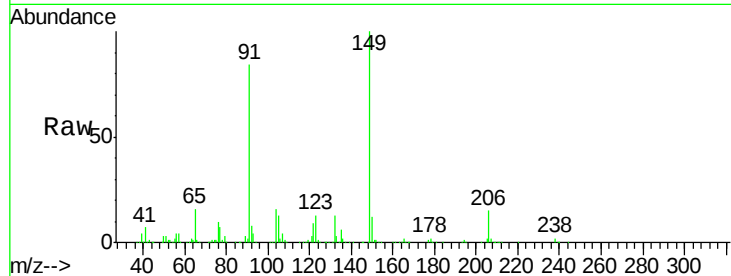




#79
Butylbenzylphthalate
Concen: 44.43 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

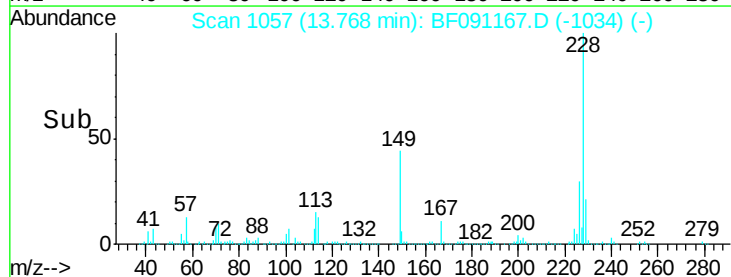
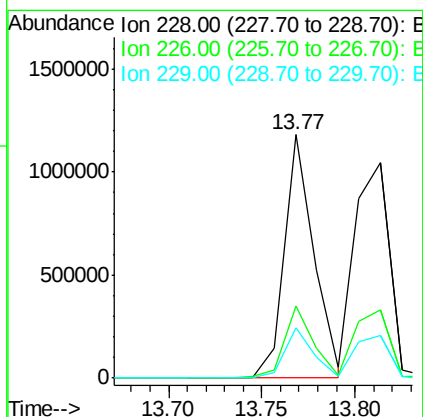
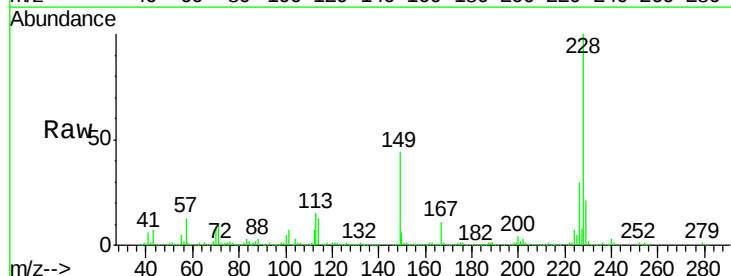
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

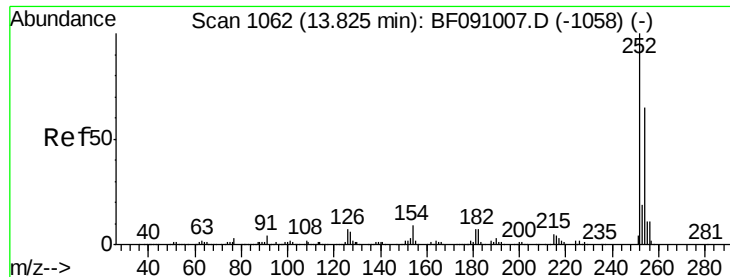
Tot Ion:149 Resp: 727900
Ion Ratio Lower Upper
149 100
91 84.1 65.0 97.4
206 15.0 12.5 18.7



#80
Benzo(a)anthracene
Concen: 43.97 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:228 Resp: 1305683
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.6
229 20.9 16.6 24.8

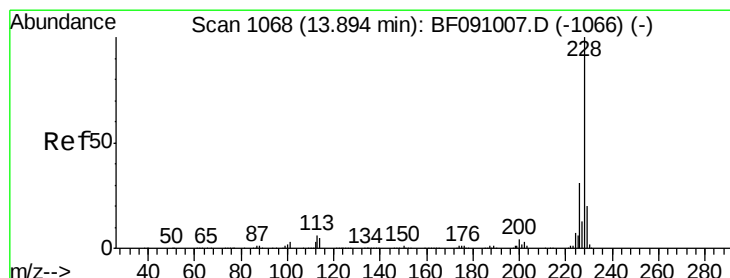
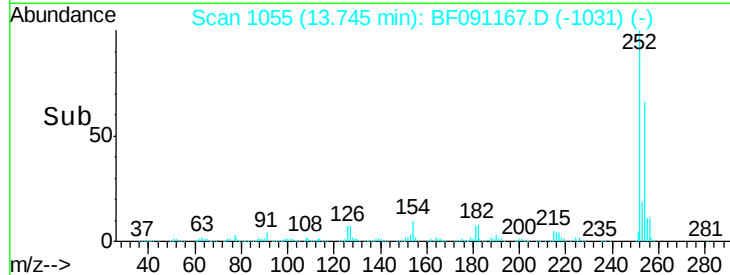
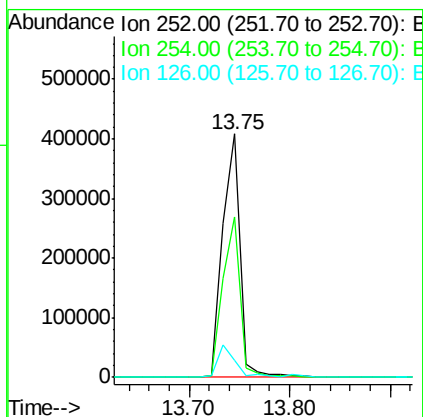
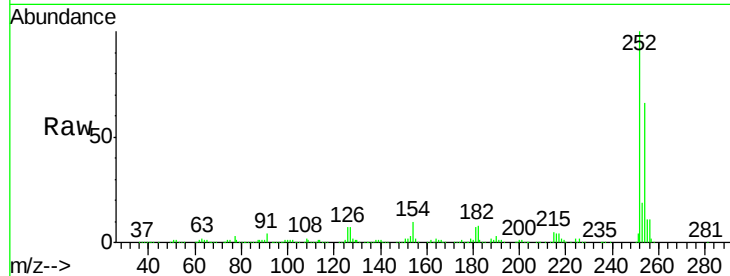




#81
 3,3'-Dichlorobenzidine
 Concen: 47.54 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

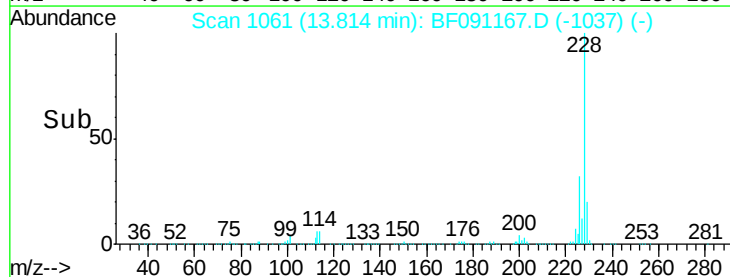
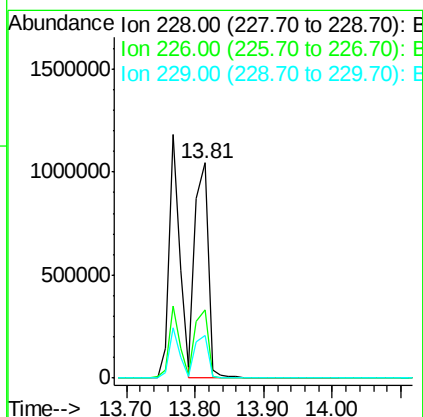
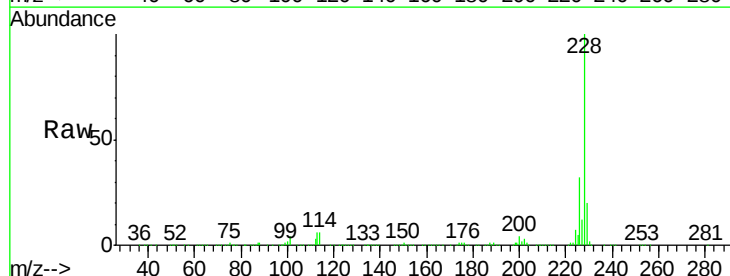
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

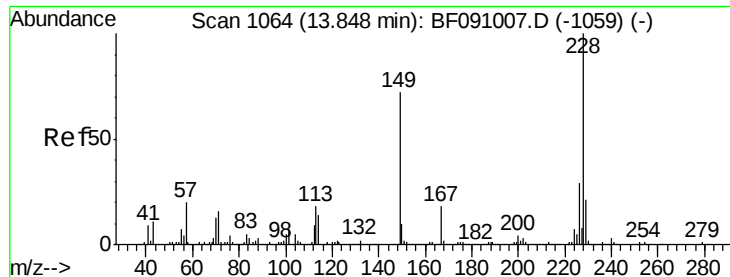
Tot Ion:252 Resp: 495952
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.0 78.0
 126 7.1 5.4 8.2



#82
 Chrysene
 Concen: 46.79 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Tgt Ion:228 Resp: 1370027
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.1 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.73 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

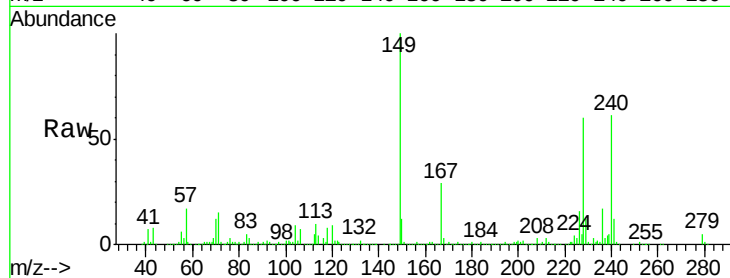
Tot Ion:149 Resp: 991644

Ion Ratio Lower Upper

149 100

167 28.9 20.4 30.6

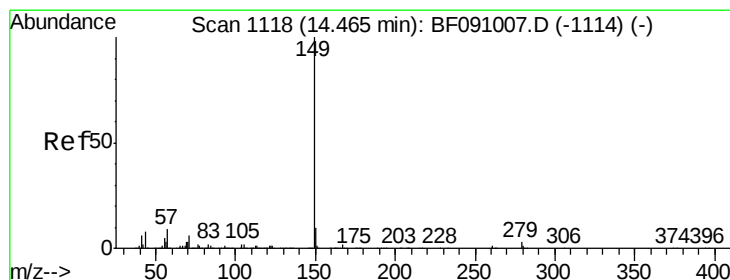
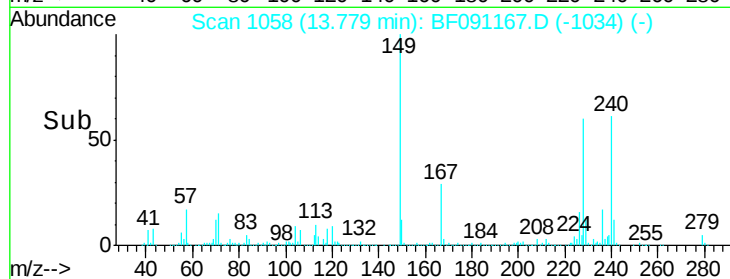
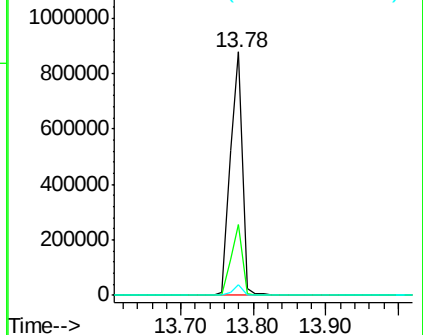
279 4.5 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.79 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

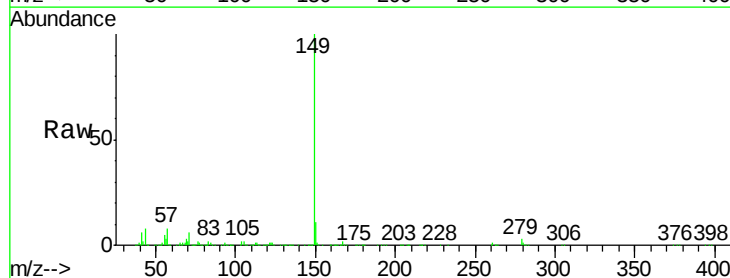
Tgt Ion:149 Resp: 1632739

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

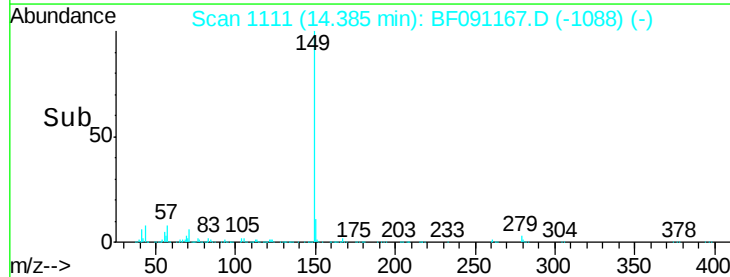
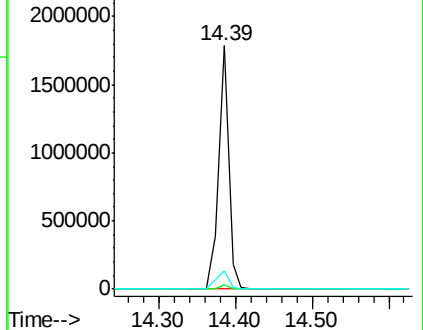
43 9.3 8.2 12.4

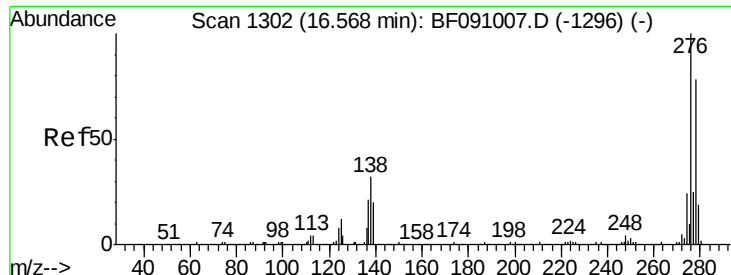


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

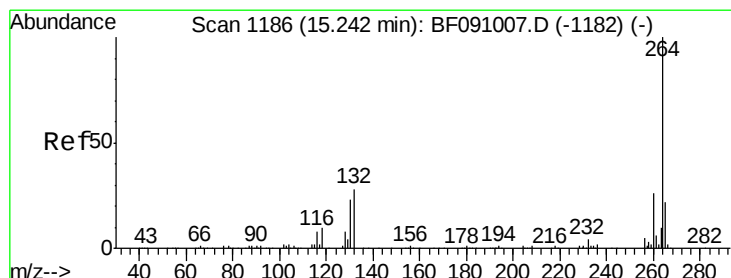
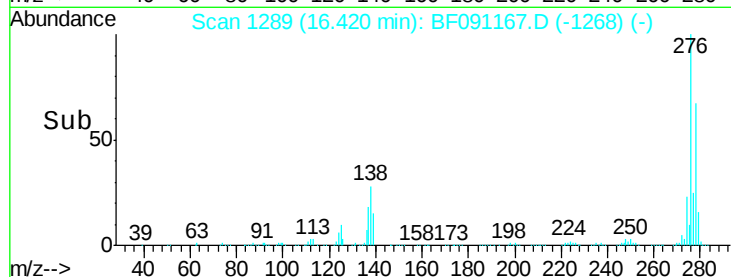
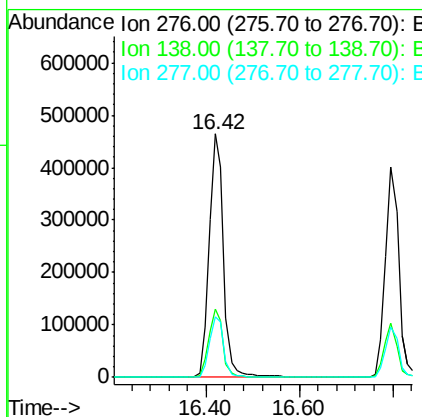
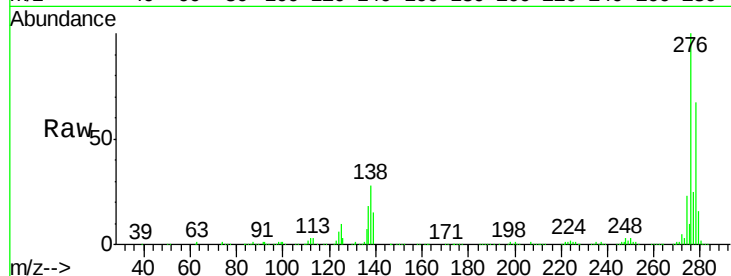




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.62 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

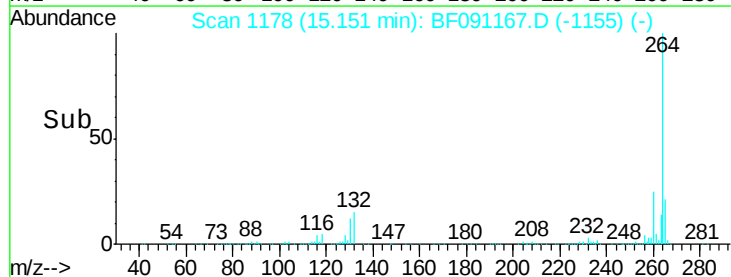
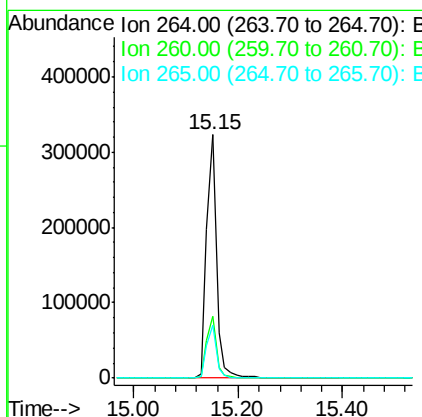
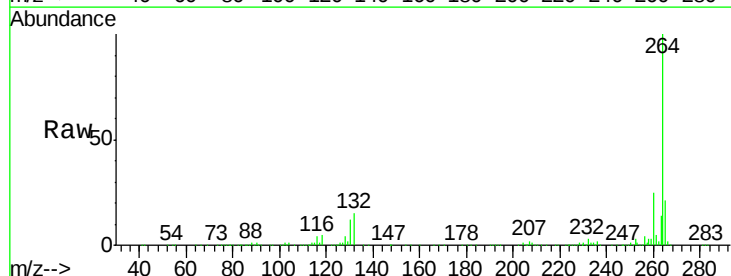
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

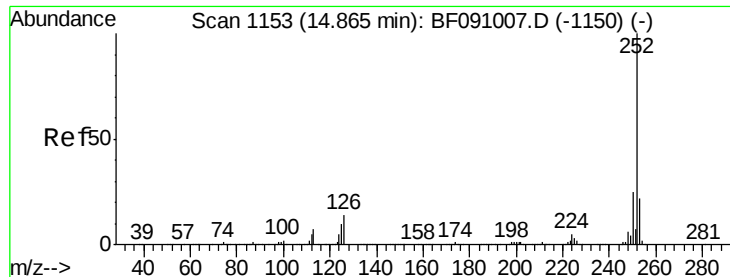
Tot Ion:276 Resp: 1010943
Ion Ratio Lower Upper
276 100
138 28.4 26.0 39.0
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:264 Resp: 430214
Ion Ratio Lower Upper
264 100
260 25.4 20.6 30.8
265 21.5 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 38.09 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

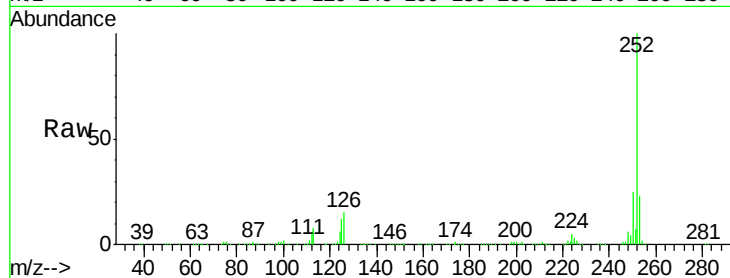
Tot Ion:252 Resp: 1111528

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

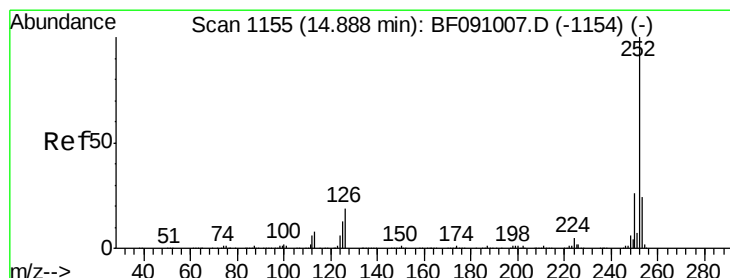
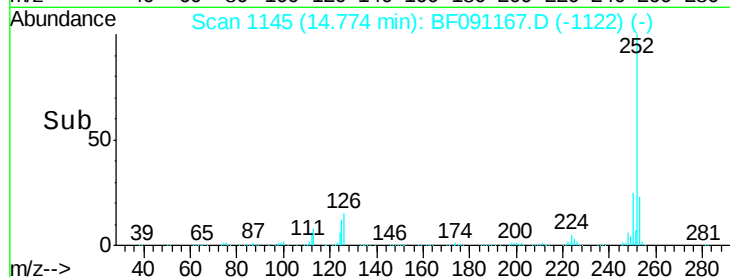
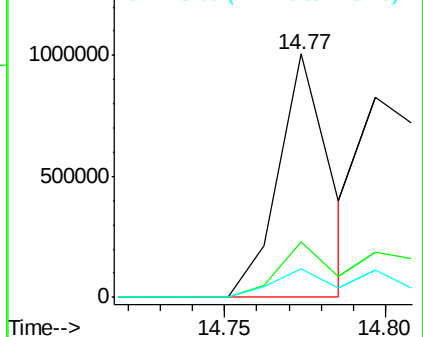
125 11.6 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.07 ng m

RT: 14.80 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF091167.D

Acq: 15 Nov 2016 9:18

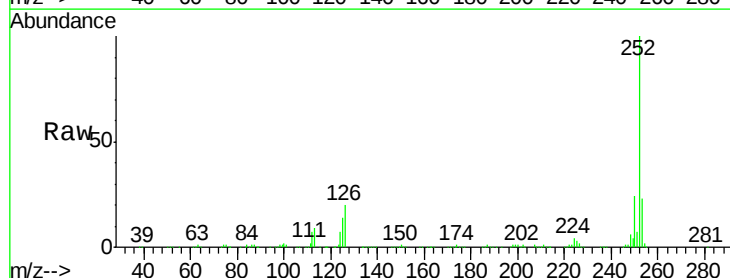
Tgt Ion:252 Resp: 1153482

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

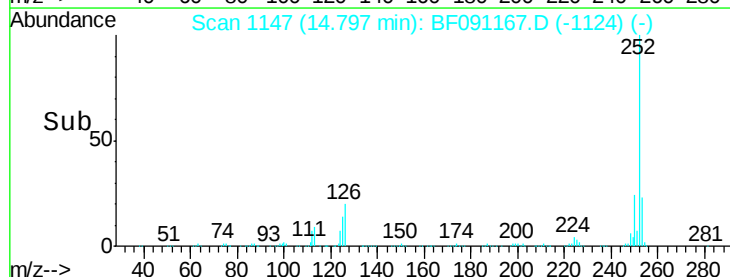
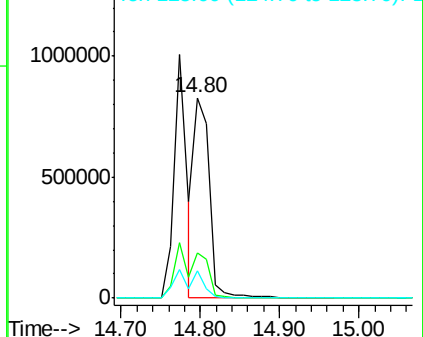
125 13.9 11.2 16.8

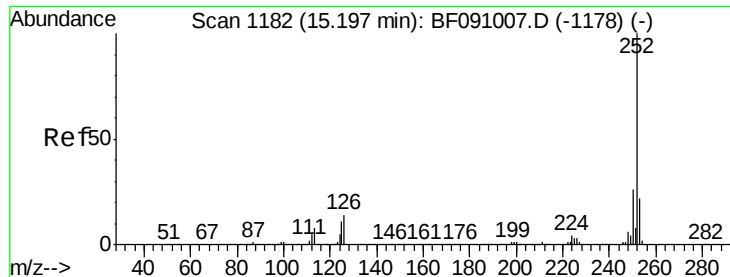


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

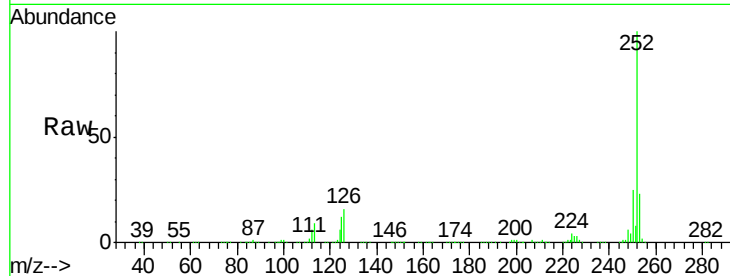




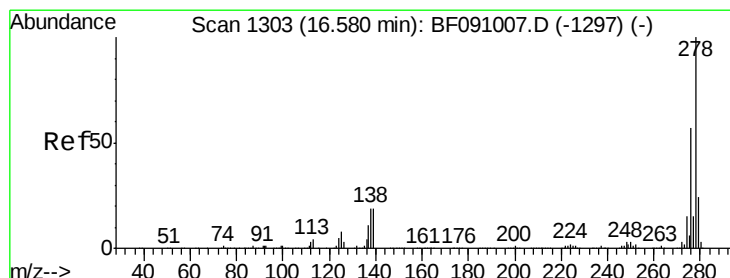
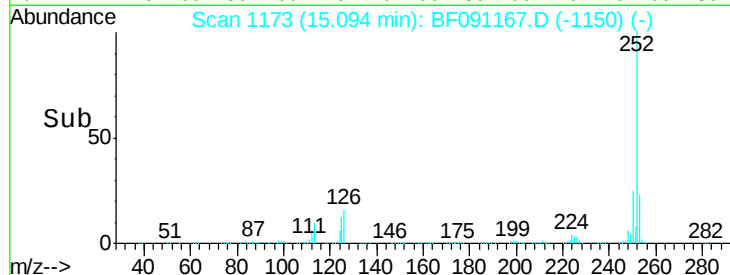
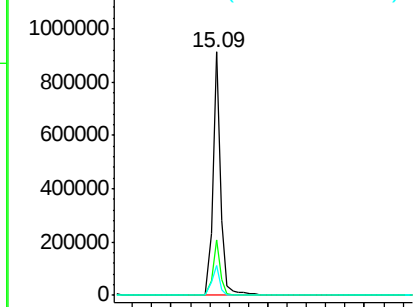
#89
Benzo(a)pyrene
Concen: 40.77 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1035543
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 12.4 8.6 13.0

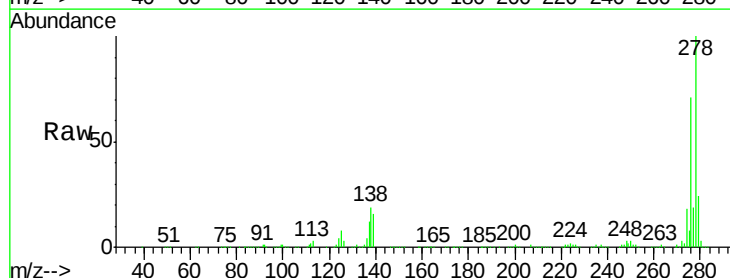


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

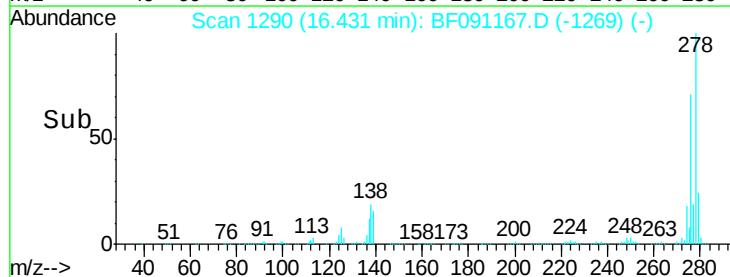
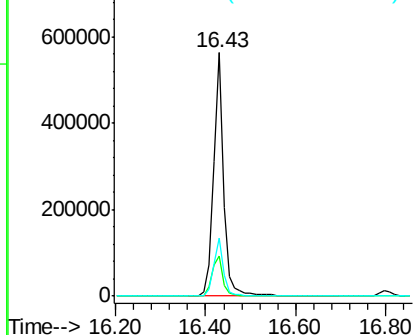


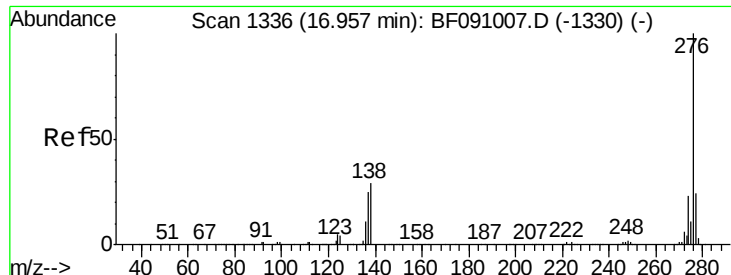
#90
Dibenzo(a,h)anthracene
Concen: 40.07 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091167.D
Acq: 15 Nov 2016 9:18

Tgt Ion:278 Resp: 879904
Ion Ratio Lower Upper
278 100
139 16.3 15.3 22.9
279 24.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

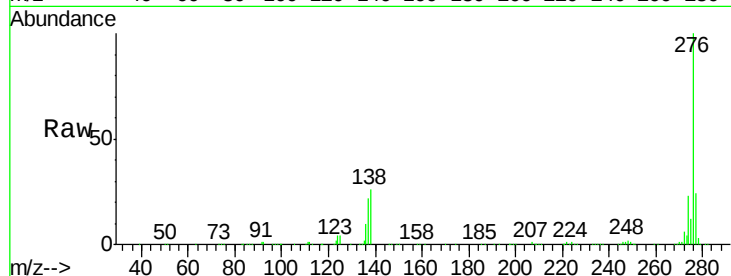




#91
 Benzo(a,h,i)perylene
 Concen: 40.59 ng
 RT: 16.80 min Scan# 1322
 Delta R.T. -0.06 min
 Lab File: BF091167.D
 Acq: 15 Nov 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.8	23.3	34.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

