

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091123.D
 Acq On : 9 Nov 2016 13:58
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 09 22:40:31 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	6.66	152	178670	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	730584	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	383314	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	623675	20.00	ng	0.00
75) Chrysene-d12	13.80	240	486911	20.00	ng	-0.01
86) Perylene-d12	15.17	264	352032	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	983732	90.93	ng	0.00
7) Phenol-d6	6.32	99	1199851	81.71	ng	0.00
23) Nitrobenzene-d5	7.23	82	1061202	79.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	310206	89.52	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1677070	75.32	ng	-0.01
78) Terphenyl-d14	12.76	244	1838444	94.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	236016	38.14	ng	97
3) Pyridine	2.77	79	621844	42.95	ng	98
4) n-Nitrosodimethylamine	2.74	42	226393	39.53	ng	92
6) Aniline	6.32	93	699494	40.39	ng	95
8) 2-Chlorophenol	6.44	128	538149	41.70	ng	94
9) Benzaldehyde	6.20	77	302307	37.09	ng	92
10) Phenol	6.33	94	714734	43.98	ng	# 71
11) bis(2-Chloroethyl)ether	6.40	93	523740	38.25	ng	98
12) 1,3-Dichlorobenzene	6.83	146	514367	39.41	ng	99
13) 1,4-Dichlorobenzene	6.83	146	519980	37.13	ng	99
14) 1,2-Dichlorobenzene	6.83	146	525021	40.85	ng	96
15) Benzyl Alcohol	6.82	79	430864	41.60	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	688960	35.14	ng	81
17) 2-Methylphenol	6.93	107	405225	39.67	ng	96
18) Hexachloroethane	7.16	117	211760	39.07	ng	# 83
19) n-Nitroso-di-n-propylamine	7.08	70	381906	37.53	ng	98
20) 3+4-Methylphenols	7.09	107	523820	42.71	ng	95
22) Acetophenone	7.08	105	729456	43.36	ng	95
24) Nitrobenzene	7.25	77	654047	44.22	ng	95
25) Isophorone	7.49	82	1021949	39.60	ng	98
26) 2-Nitrophenol	7.56	139	263365	42.07	ng	99
27) 2,4-Dimethylphenol	7.62	122	440195	42.52	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	626485	44.44	ng	100
29) 2,4-Dichlorophenol	7.81	162	392769	43.47	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	443373	43.65	ng	98
31) Naphthalene	7.96	128	1433379	41.02	ng	99
32) Benzoic acid	7.78	122	314587	39.91	ng	95
33) 4-Chloroaniline	8.03	127	625648	43.06	ng	98
34) Hexachlorobutadiene	8.09	225	246421	44.94	ng	98
35) Caprolactam	8.41	113	114642	40.39	ng	99
36) 4-Chloro-3-methylphenol	8.52	107	465051	42.52	ng	93
37) 2-Methylnaphthalene	8.66	142	947098	42.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	434083	44.42	ng	99
40) Hexachlorocyclopentadiene	8.81	237	109290	33.22	ng	96

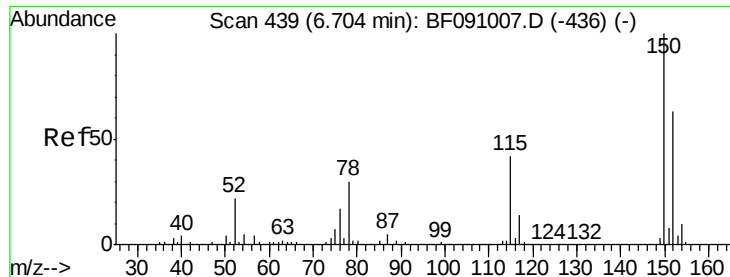
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	275484	43.67	ng	98
43) 2,4,5-Trichlorophenol	8.99	196	286534	43.26	ng	98
45) 1,1'-Biphenyl	9.13	154	1222537	43.68	ng	97
46) 2-Chloronaphthalene	9.15	162	923016	43.44	ng	94
47) 2-Nitroaniline	9.25	65	353304	44.80	ng	92
48) Acenaphthylene	9.56	152	1381861	41.73	ng	99
49) Dimethylphthalate	9.44	163	1067732	42.48	ng	99
50) 2,6-Dinitrotoluene	9.49	165	213874	39.70	ng	89
51) Acenaphthene	9.73	154	873224	42.00	ng	100
52) 3-Nitroaniline	9.66	138	279467	43.75	ng	92
53) 2,4-Dinitrophenol	9.78	184	100484	37.83	ng	97
54) Dibenzofuran	9.90	168	1215079	43.42	ng	93
55) 4-Nitrophenol	9.85	139	126601	33.36	ng	# 78
56) 2,4-Dinitrotoluene	9.90	165	289765	42.28	ng	94
57) Fluorene	10.24	166	933426	40.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	217929	42.00	ng	98
59) Diethylphthalate	10.13	149	1033879	40.12	ng	96
60) 4-Chlorophenyl-phenylether	10.24	204	428434	41.15	ng	# 85
61) 4-Nitroaniline	10.28	138	293112	45.36	ng	98
62) Azobenzene	10.40	77	1202979	39.66	ng	88
64) 4,6-Dinitro-2-methylphenol	10.30	198	153387	40.16	ng	# 8
65) n-Nitrosodiphenylamine	10.36	169	857606	43.26	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	267936	41.30	ng	# 72
67) Hexachlorobenzene	10.78	284	282288	39.45	ng	# 82
68) Atrazine	10.89	200	200278	35.02	ng	95
69) Pentachlorophenol	10.99	266	113075	35.68	ng	99
70) Phenanthrene	11.20	178	1247344	37.62	ng	100
71) Anthracene	11.25	178	1469083	41.68	ng	99
72) Carbazole	11.41	167	1369661	43.12	ng	98
73) Di-n-butylphthalate	11.74	149	1431449	35.83	ng	# 98
74) Fluoranthene	12.38	202	1385112	40.28	ng	89
76) Benzidine	12.51	184	374830	34.46	ng	97
77) Pyrene	12.60	202	1332920	41.80	ng	98
79) Butylbenzylphthalate	13.23	149	590794	38.73	ng	98
80) Benzo(a)anthracene	13.79	228	1114355	40.31	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	395924	40.76	ng	98
82) Chrysene	13.84	228	1141311	41.87	ng	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	793272	38.43	ng	# 94
84) Di-n-octyl phthalate	14.41	149	1187760	35.00	ng	95
85) Indeno(1,2,3-cd)pyrene	16.47	276	872169	38.56	ng	97
87) Benzo(b)fluoranthene	14.80	252	1823089	76.36	ng	98
88) Benzo(k)fluoranthene	14.80	252	1823640	87.07	ng	97
89) Benzo(a)pyrene	15.12	252	845032	40.65	ng	# 96
90) Dibenzo(a,h)anthracene	16.48	278	757431	42.15	ng	# 95
91) Benzo(g,h,i)perylene	16.84	276	723717	44.54	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

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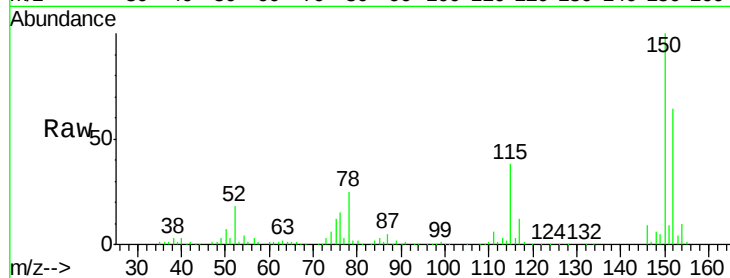
Tgt Ion:152 Resp: 178670

Ion Ratio Lower Upper

152 100

150 155.5 126.8 190.2

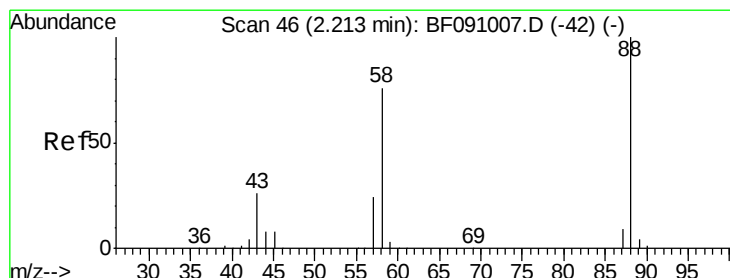
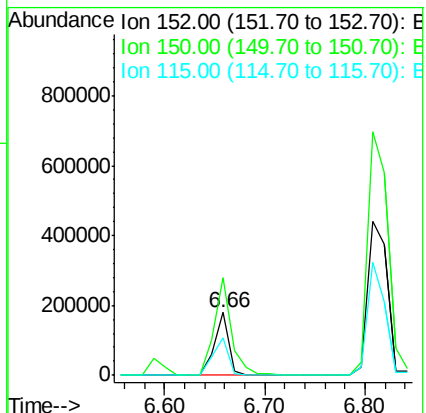
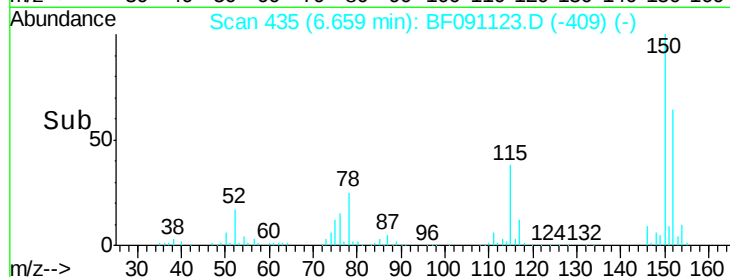
115 59.8 53.3 79.9



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: 38.14 ng

RT: 2.12 min Scan# 38

Delta R.T. -0.02 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

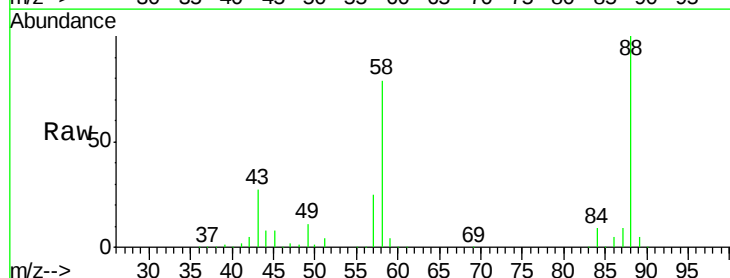
Tgt Ion: 88 Resp: 236016

Ion Ratio Lower Upper

88 100

58 77.5 63.8 95.6

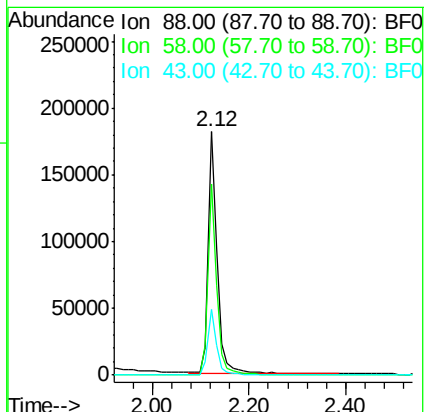
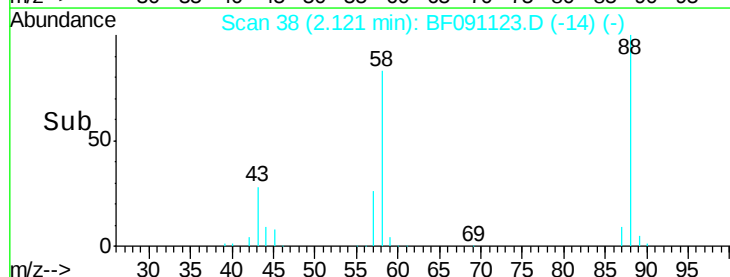
43 26.1 22.6 33.8

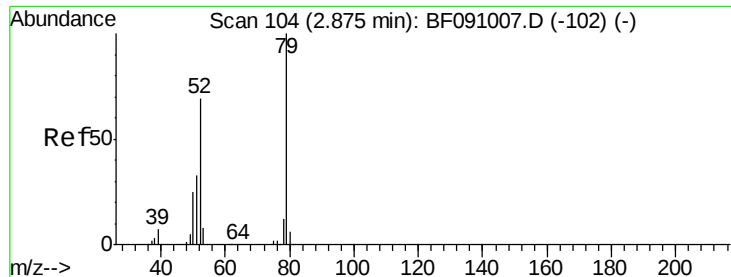


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.95 ng

RT: 2.77 min Scan# 95

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

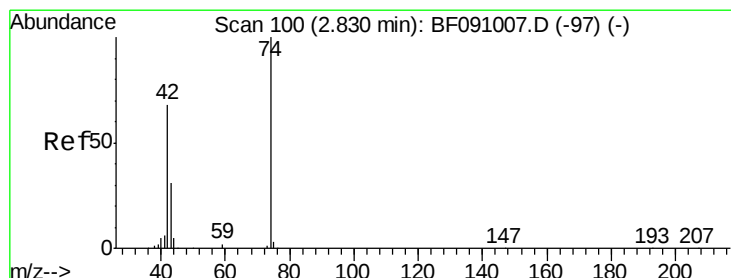
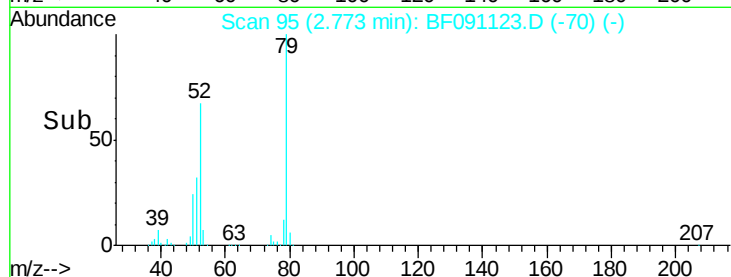
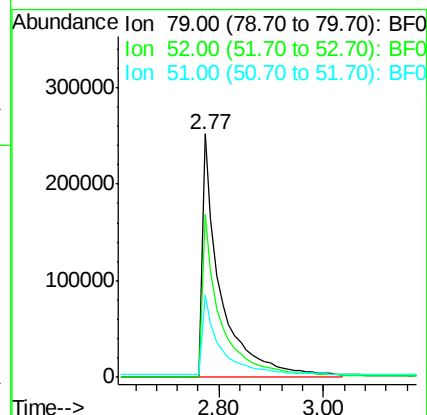
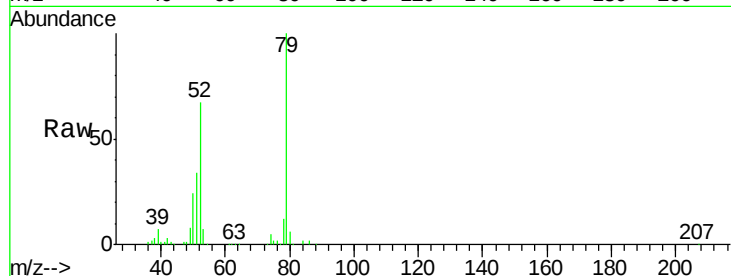
Tgt Ion: 79 Resp: 621844

Ion Ratio Lower Upper

79 100

52 67.0 55.4 83.0

51 33.7 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 39.53 ng

RT: 2.74 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

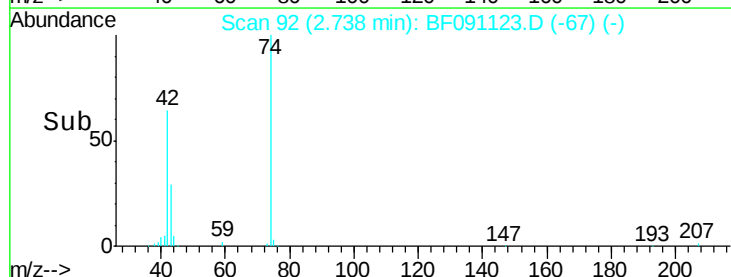
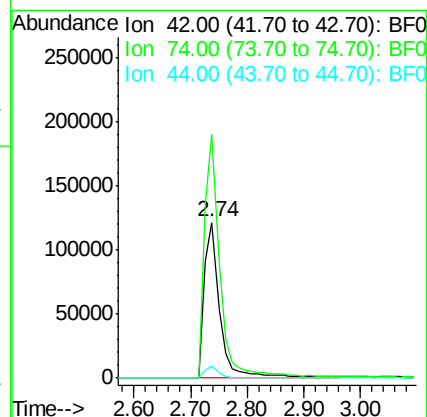
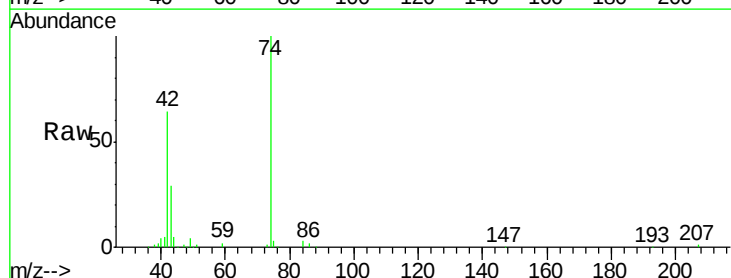
Tgt Ion: 42 Resp: 226393

Ion Ratio Lower Upper

42 100

74 156.6 117.3 175.9

44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 90.93 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

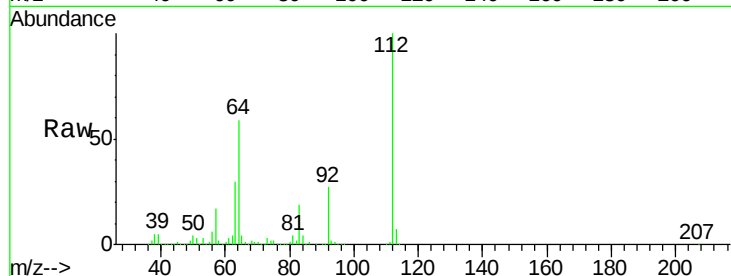
Tgt Ion: 112 Resp: 983732

Ion Ratio Lower Upper

112 100

64 58.8 55.8 83.6

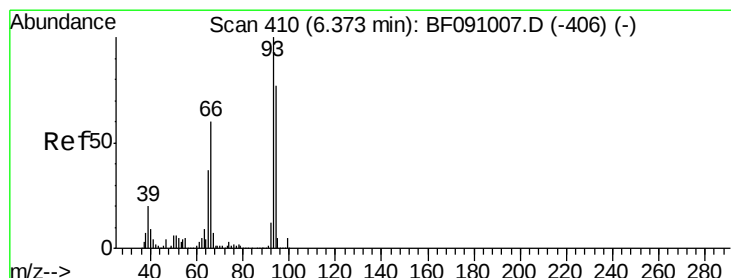
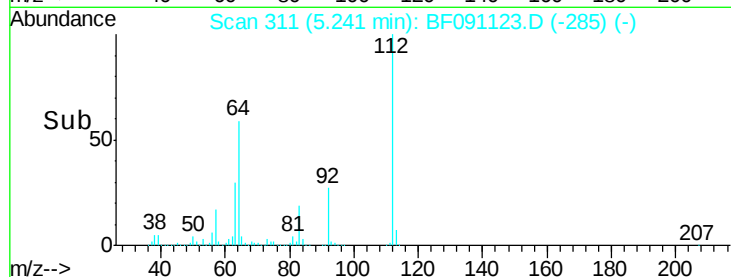
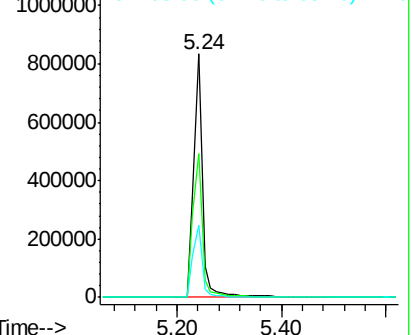
63 29.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.39 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

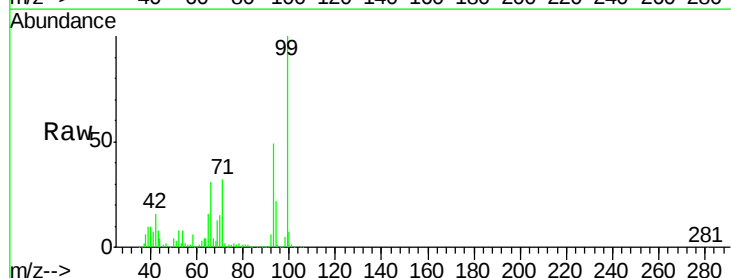
Tgt Ion: 93 Resp: 699494

Ion Ratio Lower Upper

93 100

66 63.7 48.2 72.2

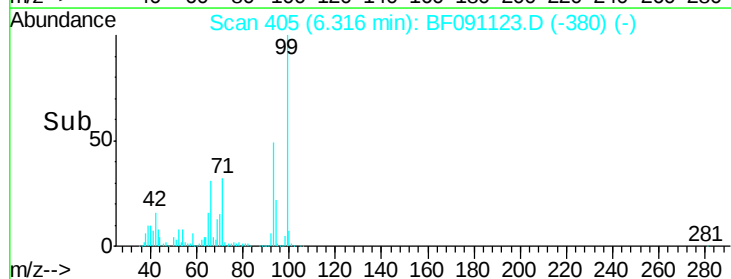
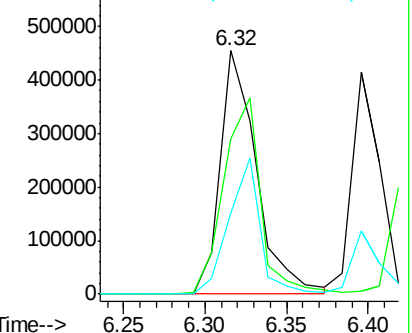
65 33.3 29.4 44.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.71 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091123.D

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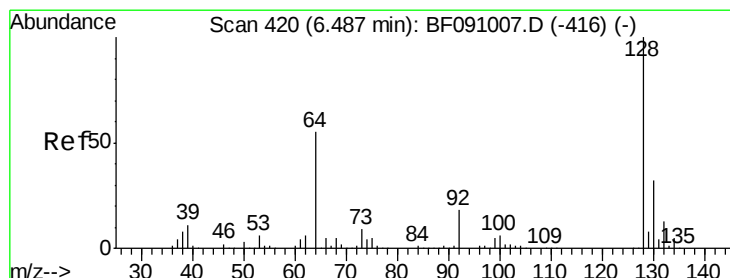
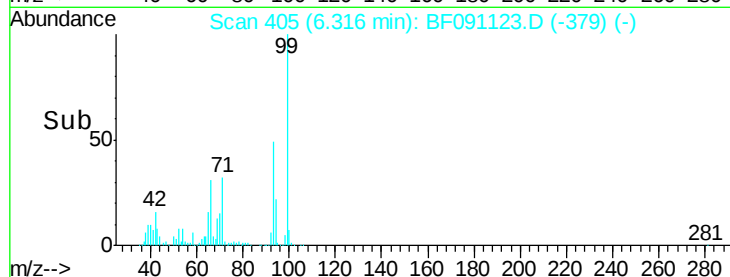
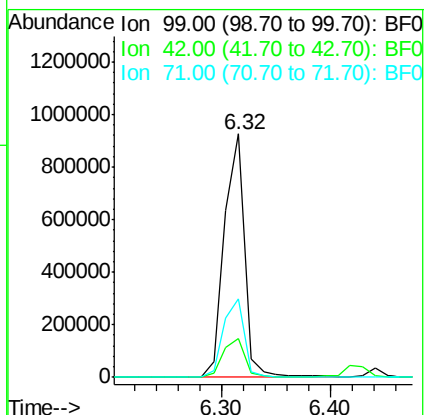
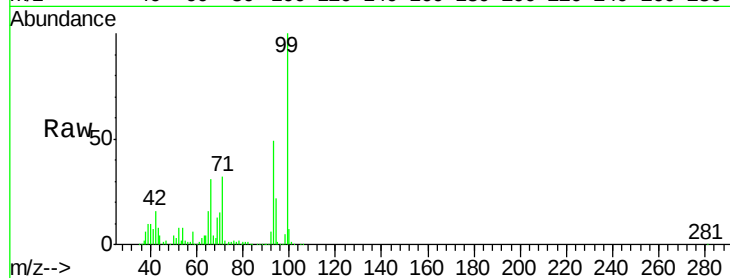
Tgt Ion: 99 Resp: 1199851

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

71 32.2 27.8 41.8



#8

2-Chlorophenol

Concen: 41.70 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

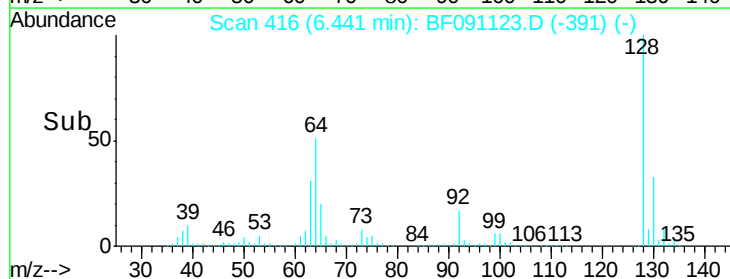
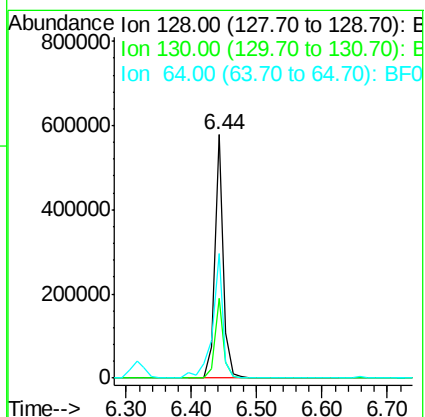
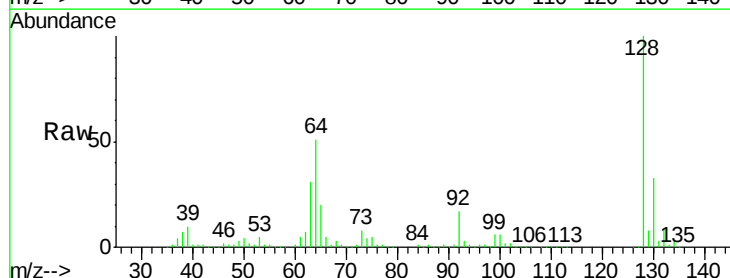
Tgt Ion: 128 Resp: 538149

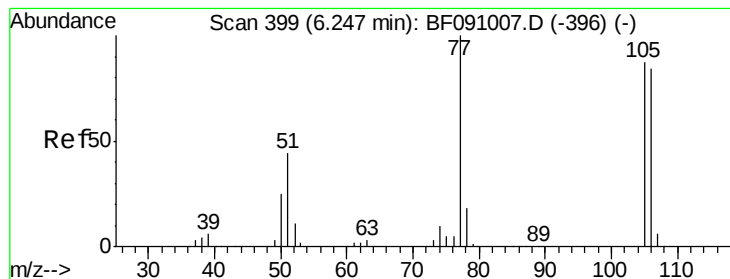
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 51.0 37.2 77.2





#9

Benzaldehyde

Concen: 37.09 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

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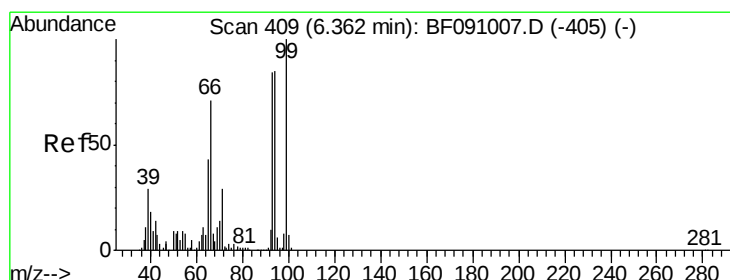
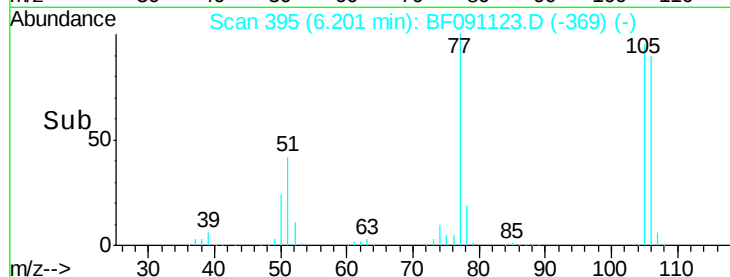
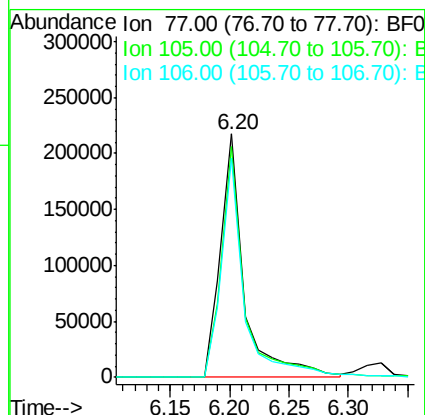
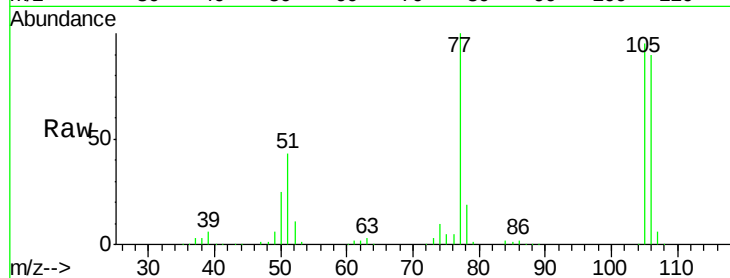
Tgt Ion: 77 Resp: 302307

Ion Ratio Lower Upper

77 100

105 95.0 66.8 106.8

106 90.3 64.0 104.0



#10

Phenol

Concen: 43.98 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

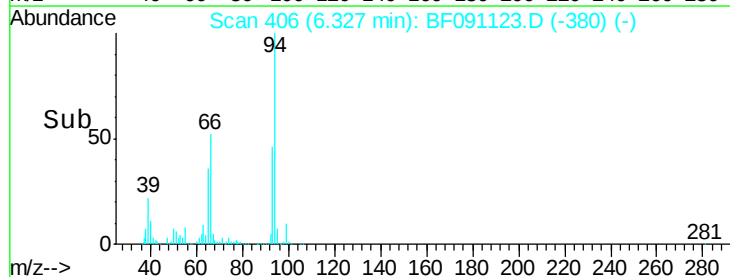
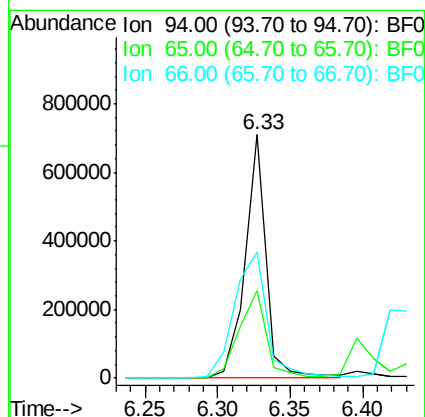
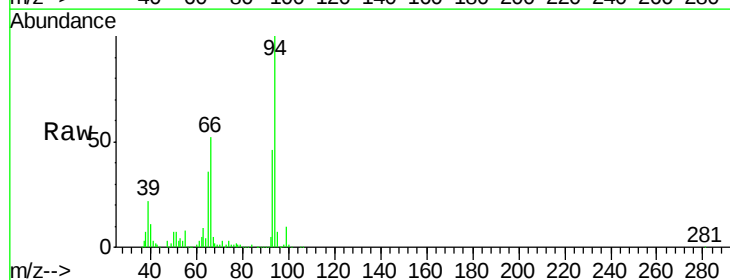
Tgt Ion: 94 Resp: 714734

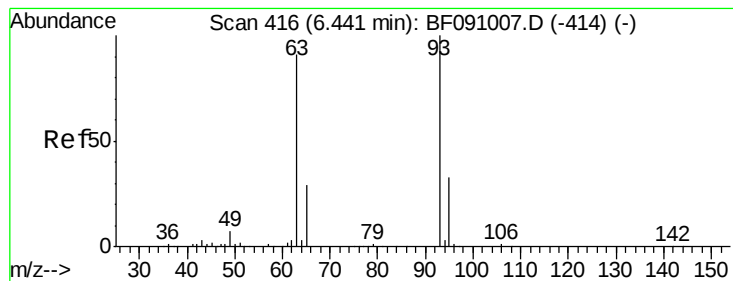
Ion Ratio Lower Upper

94 100

65 35.8 30.4 70.4

66 51.8 62.9 102.9#





#11

bis(2-Chloroethyl)ether

Concen: 38.25 ng

RT: 6.40 min Scan# 412

Delta R.T. -0.01 min

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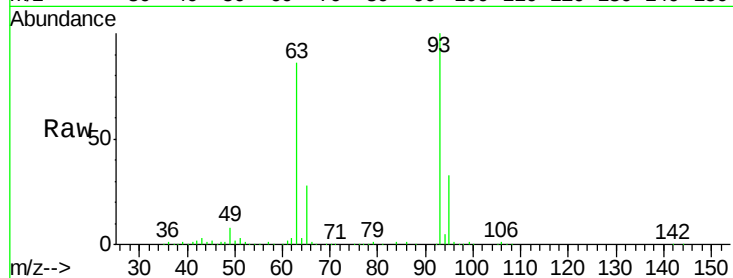
Tgt Ion: 93 Resp: 523740

Ion Ratio Lower Upper

93 100

63 86.1 68.9 108.9

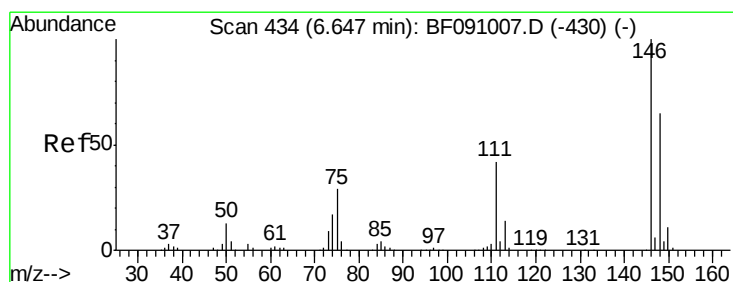
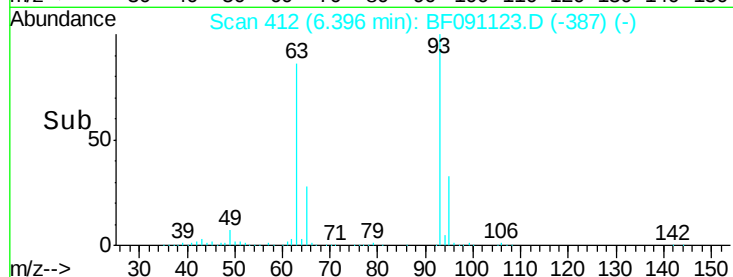
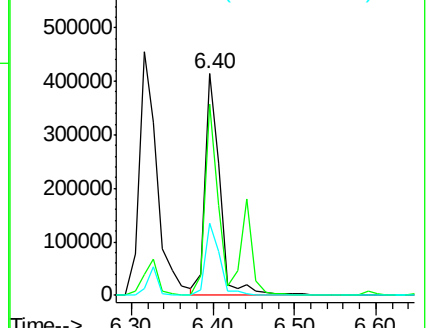
95 32.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.41 ng

RT: 6.83 min Scan# 450

Delta R.T. 0.23 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

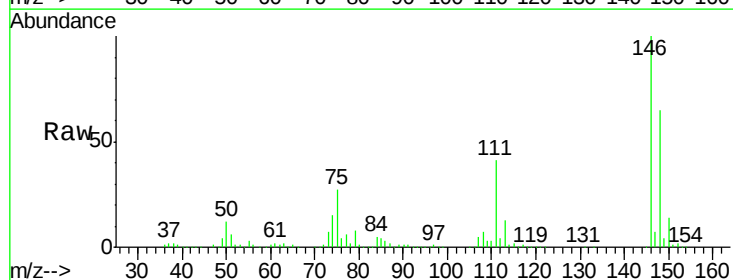
Tgt Ion: 146 Resp: 514367

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

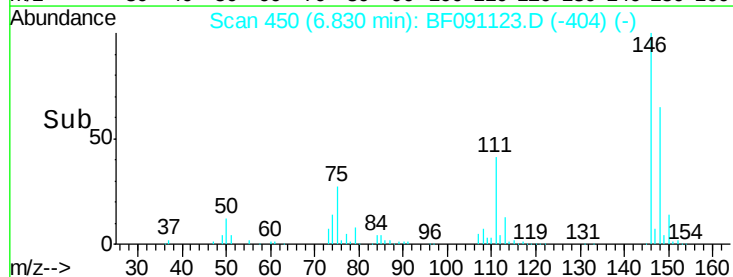
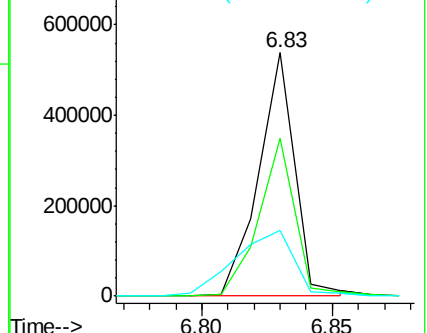
75 27.0 23.0 34.6

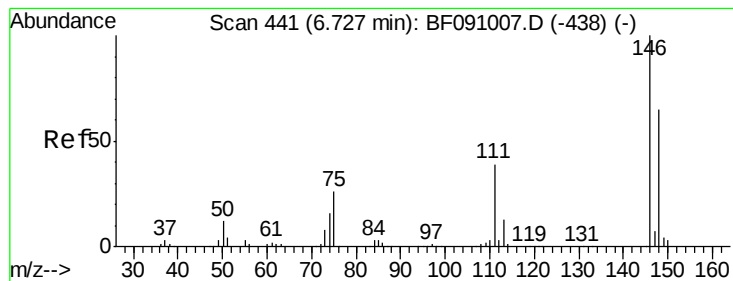


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.13 ng

RT: 6.83 min Scan# 450

Delta R.T. 0.15 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

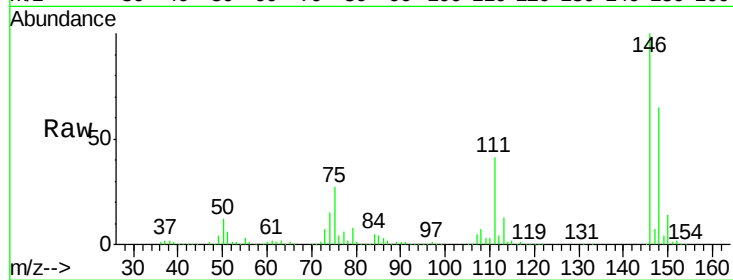
Tgt Ion:146 Resp: 519980

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

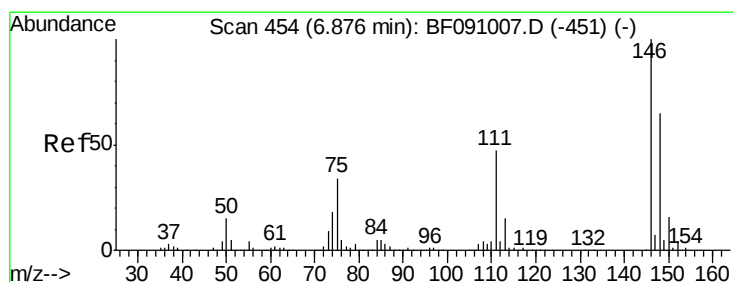
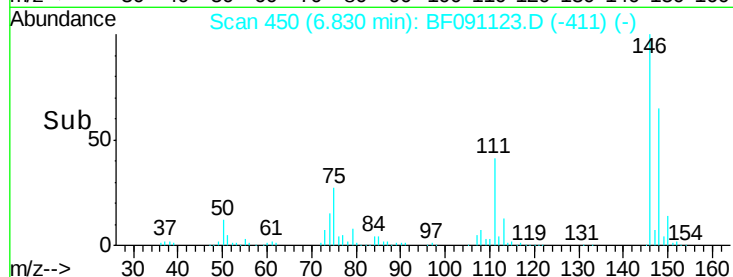
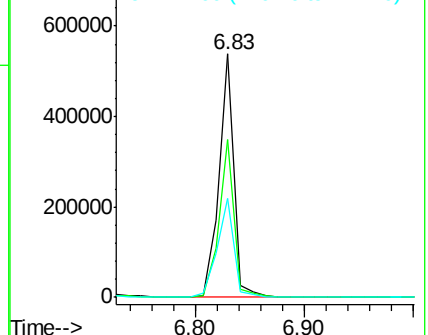
111 40.9 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.85 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

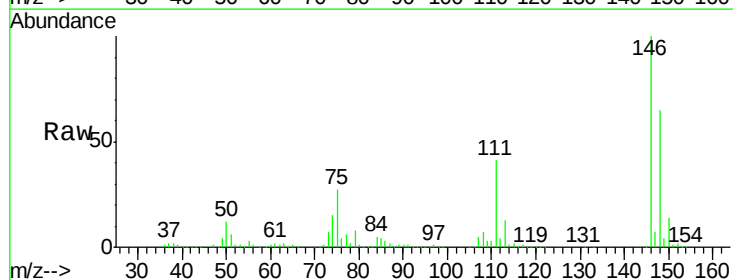
Tgt Ion:146 Resp: 525021

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

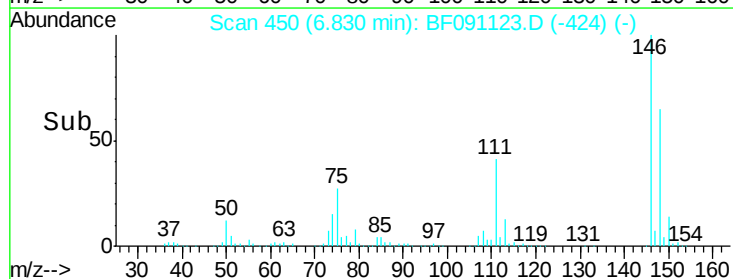
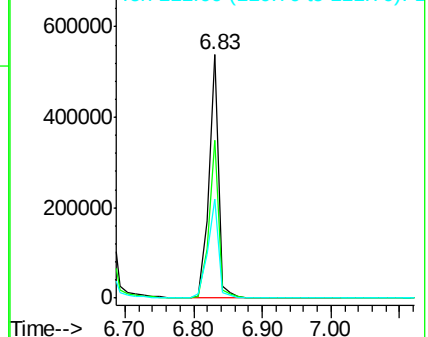
111 40.9 37.3 55.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.60 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

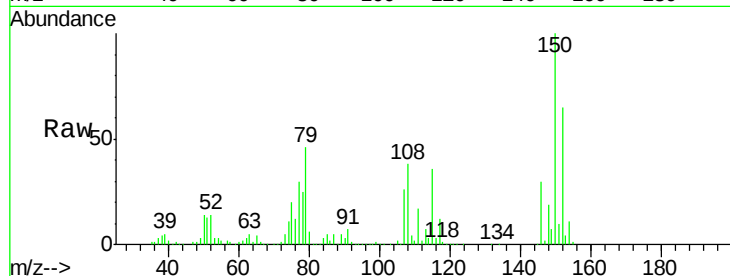
Tgt Ion: 79 Resp: 430864

Ion Ratio Lower Upper

79 100

108 84.4 55.7 83.5#

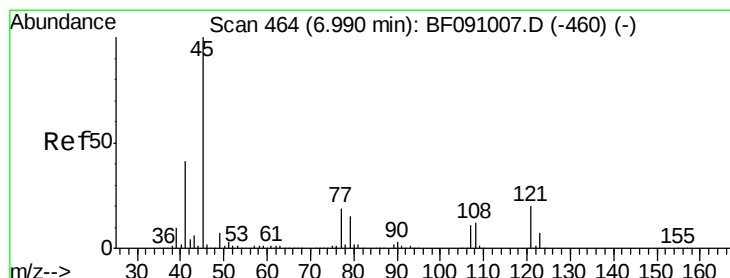
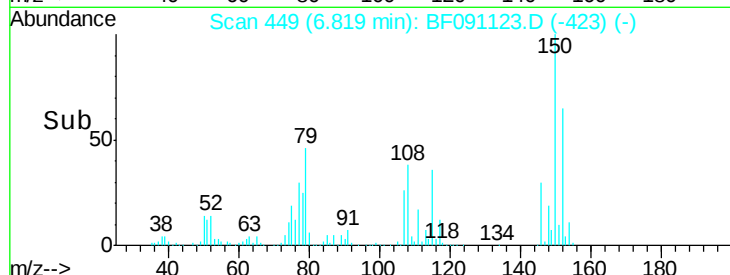
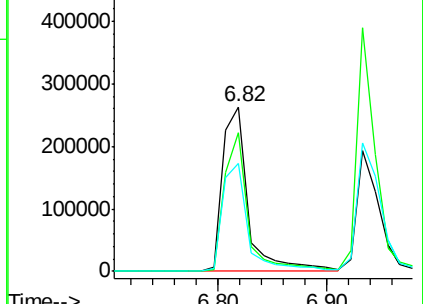
77 65.8 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.14 ng

RT: 6.94 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

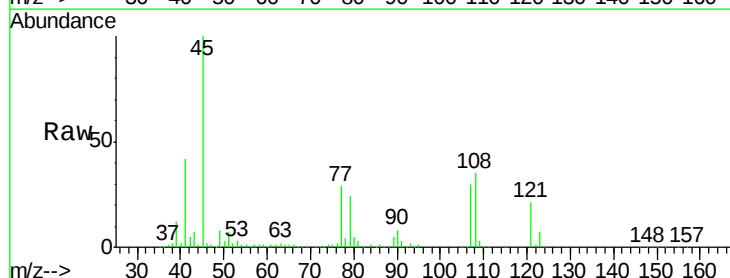
Tgt Ion: 45 Resp: 688960

Ion Ratio Lower Upper

45 100

77 28.5 0.0 39.6

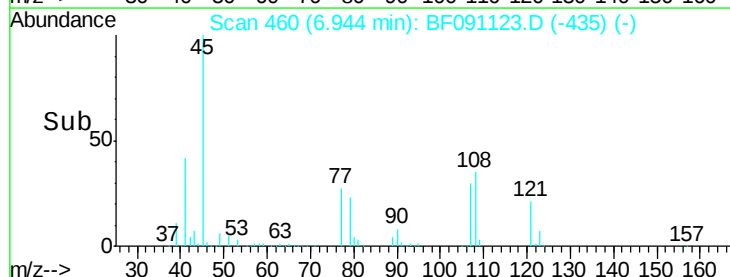
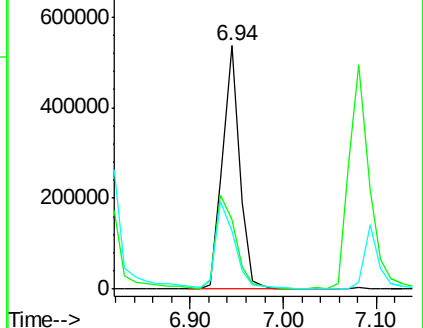
79 23.8 0.0 35.9

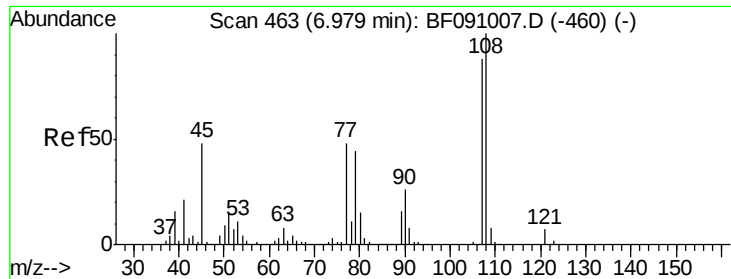


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

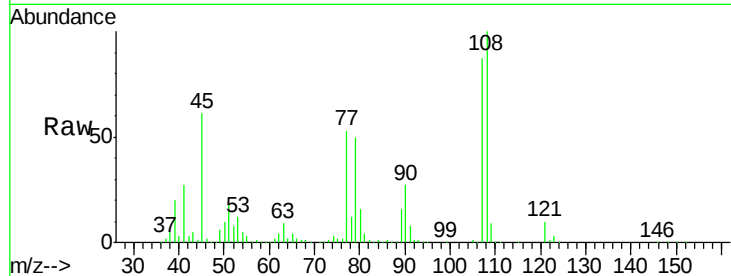




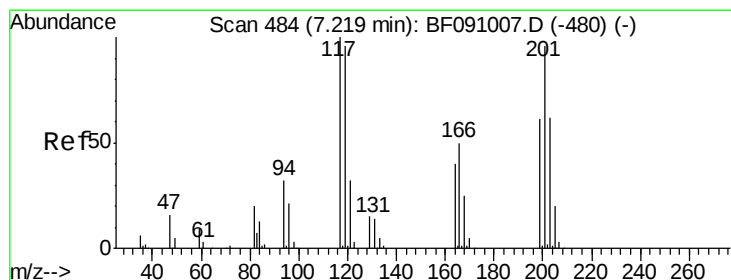
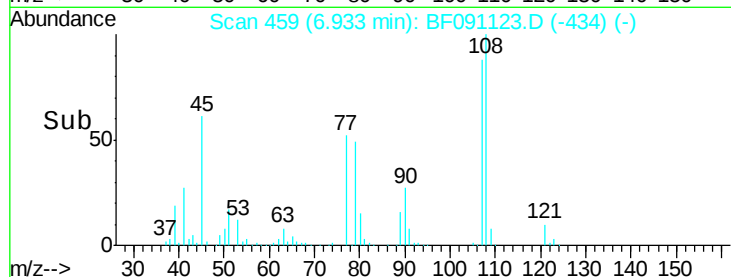
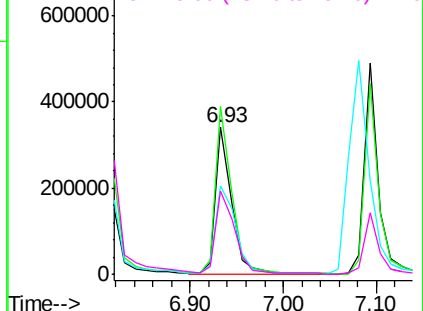
#17
2-Methylphenol
Concen: 39.67 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	405225
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.0	136.6
77	60.3	43.8	65.8
79	56.6	40.6	60.8

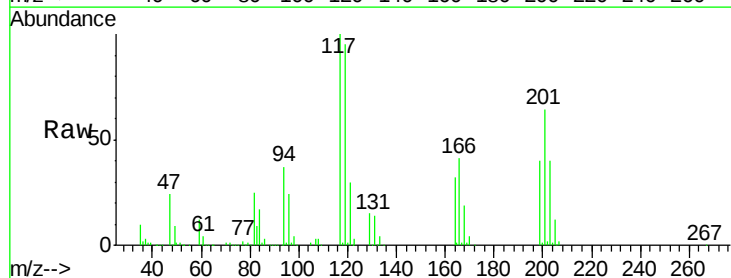


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

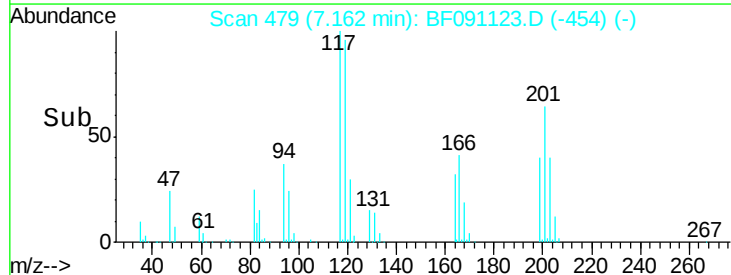
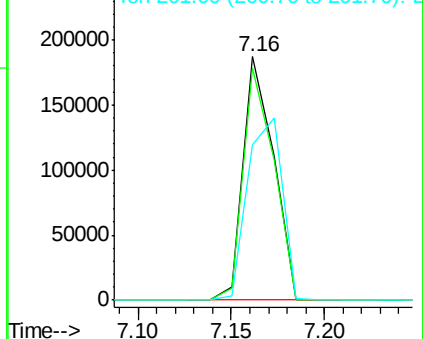


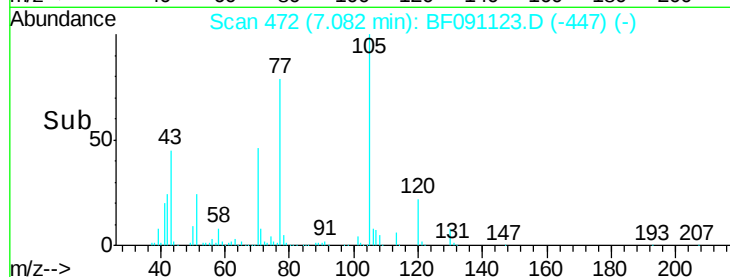
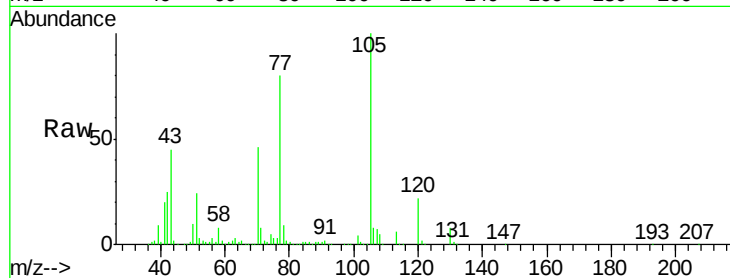
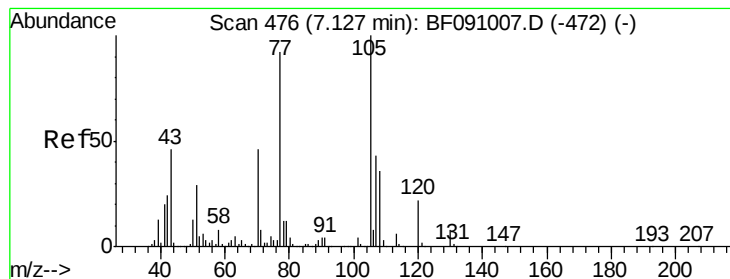
#18
Hexachloroethane
Concen: 39.07 ng
RT: 7.16 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:	117	Resp:	211760
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
201	64.0	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: 37.53 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 381906

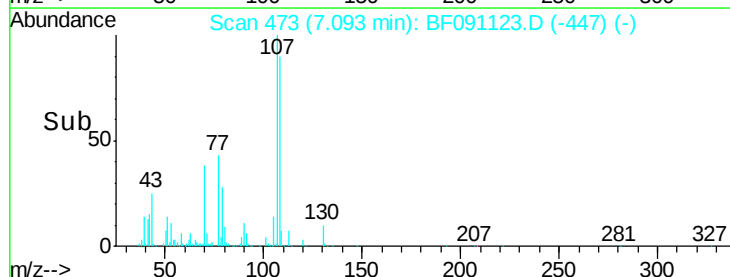
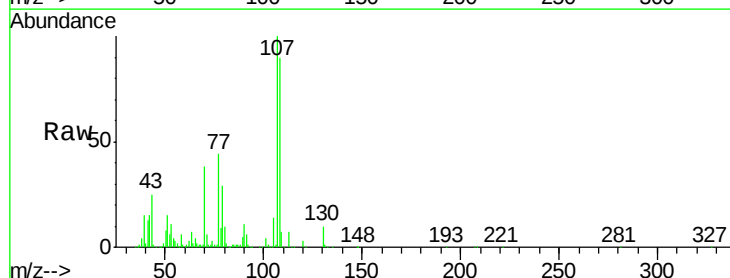
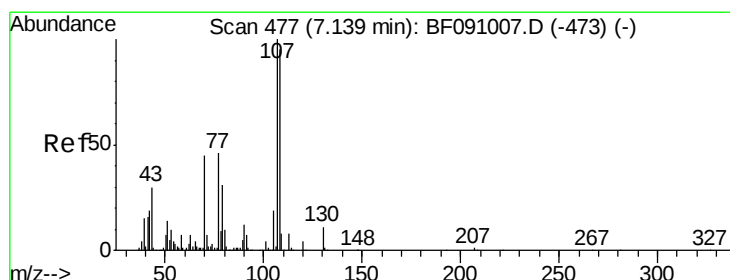
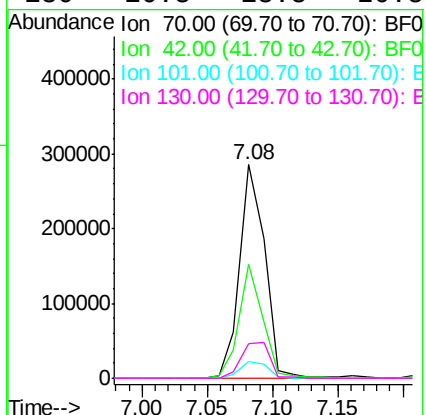
Ion Ratio Lower Upper

70 100

42 53.2 41.7 62.5

101 8.0 6.7 10.1

130 16.3 13.8 20.8



#20

3+4-Methylphenols

Concen: 42.71 ng

RT: 7.09 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Tgt Ion: 107 Resp: 523820

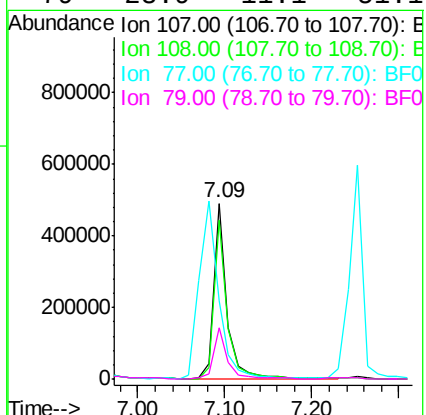
Ion Ratio Lower Upper

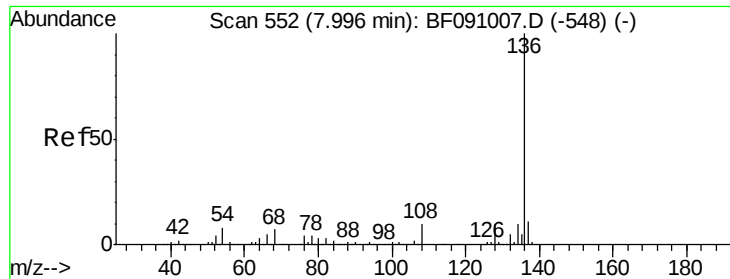
107 100

108 90.3 75.5 115.5

77 44.2 26.4 66.4

79 28.9 11.1 51.1

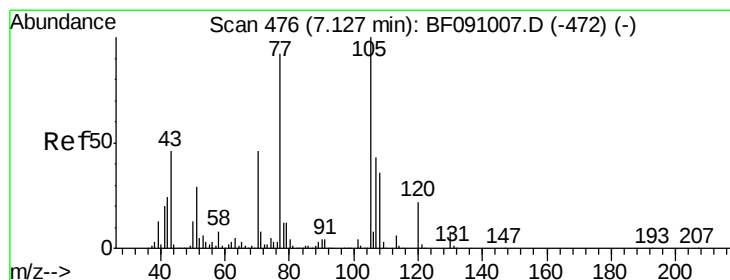
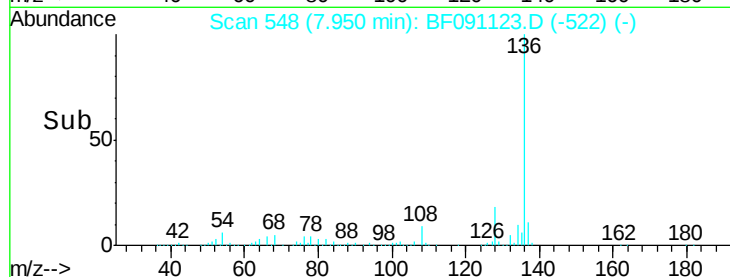
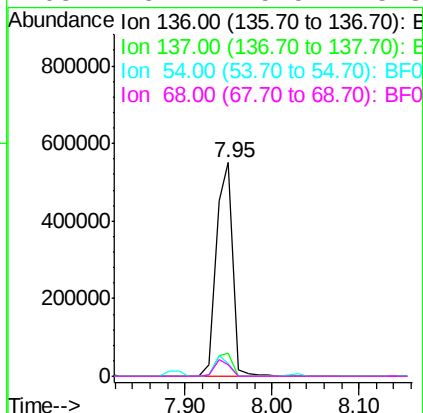
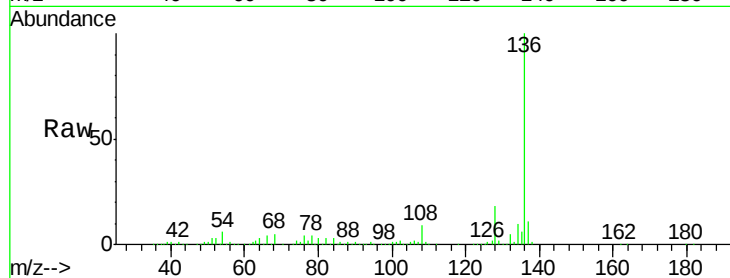




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

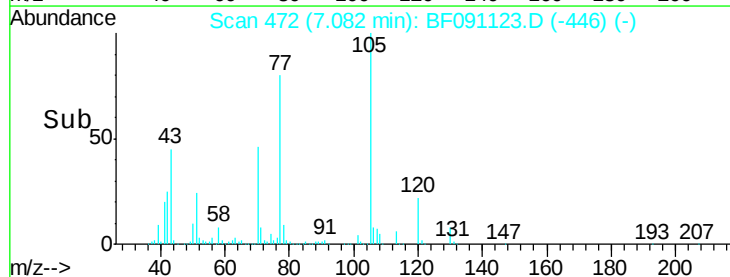
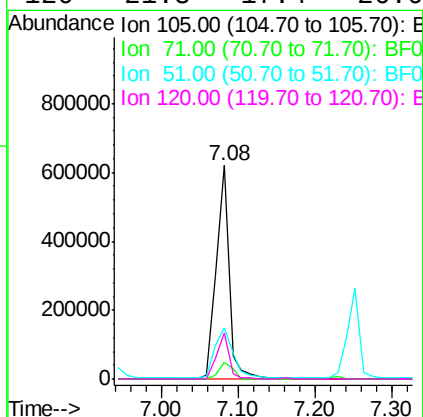
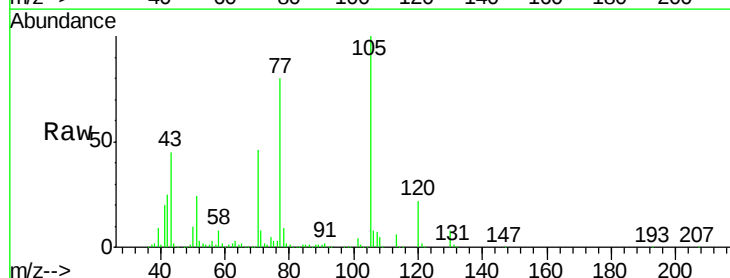
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

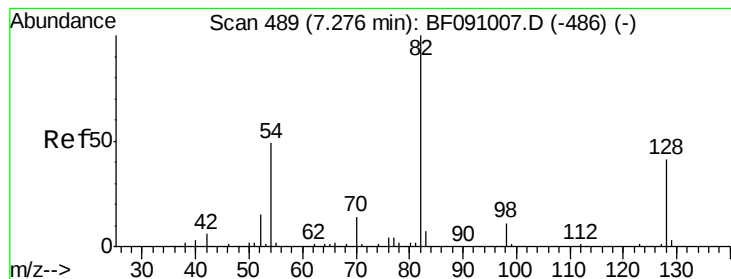
Tgt Ion:	136	Resp:	730584
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.9	6.2	9.2#
68	5.4	5.5	8.3#



#22
Acetophenone
Concen: 43.36 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:	105	Resp:	729456
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	24.2	23.3	34.9
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 79.24 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

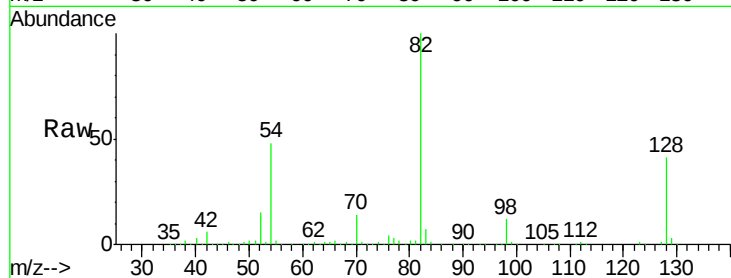
Tgt Ion: 82 Resp: 1061202

Ion Ratio Lower Upper

82 100

128 41.4 32.4 48.6

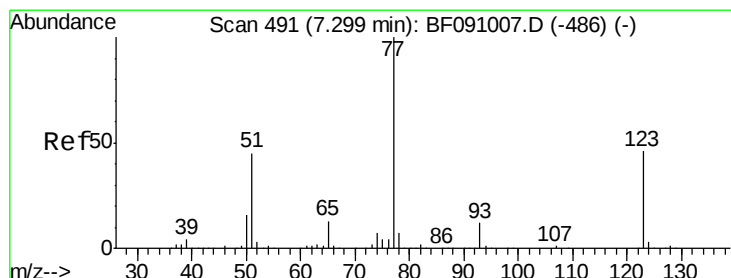
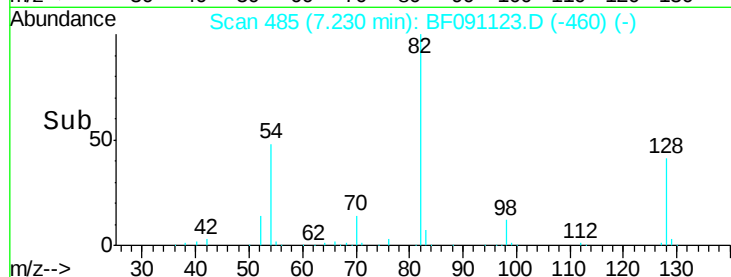
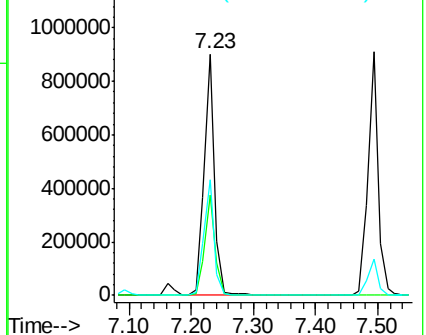
54 48.2 39.2 58.8



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: 44.22 ng

RT: 7.25 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

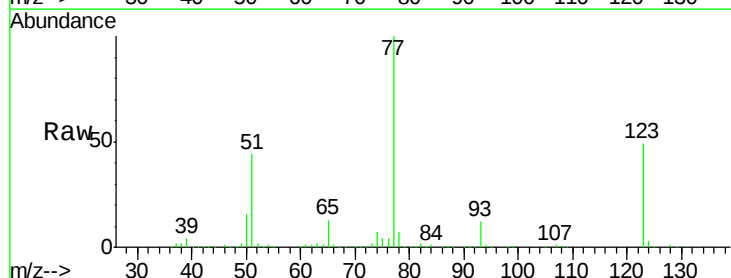
Tgt Ion: 77 Resp: 654047

Ion Ratio Lower Upper

77 100

123 49.5 36.5 54.7

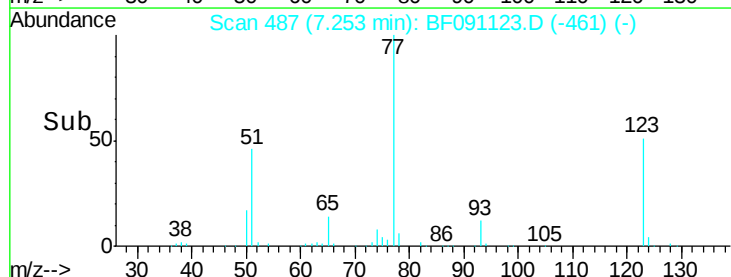
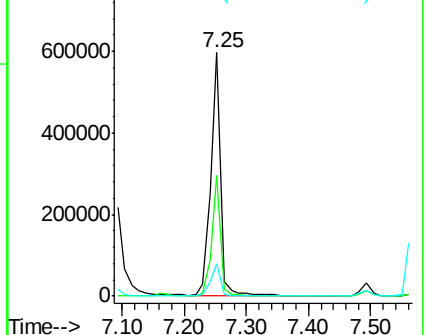
65 13.2 10.7 16.1

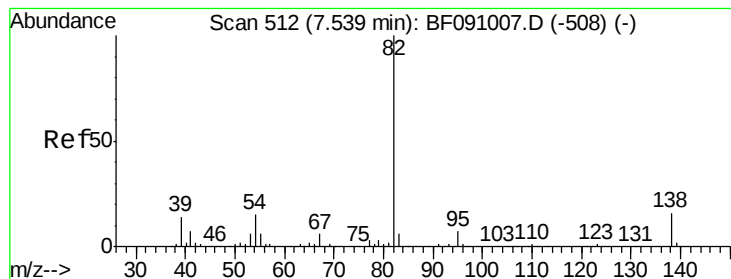


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.60 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

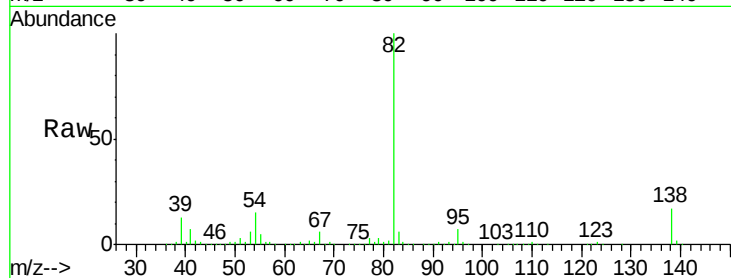
Tgt Ion: 82 Resp: 1021949

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

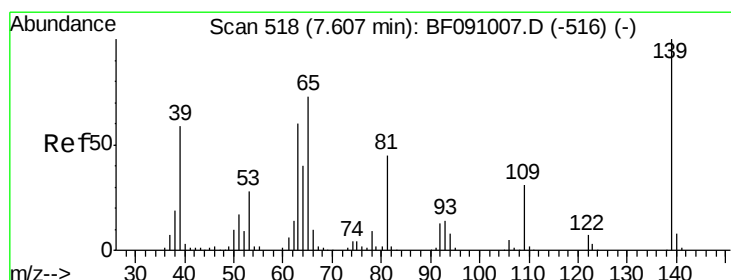
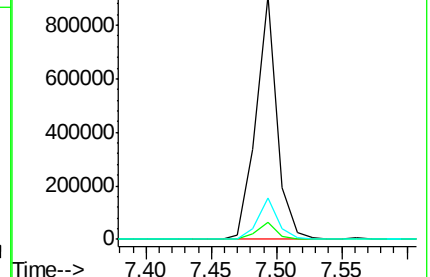
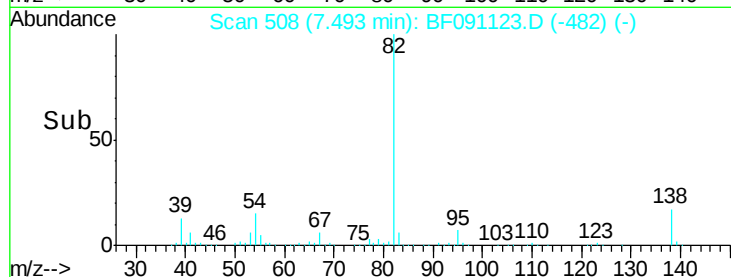
138 17.0 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.07 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

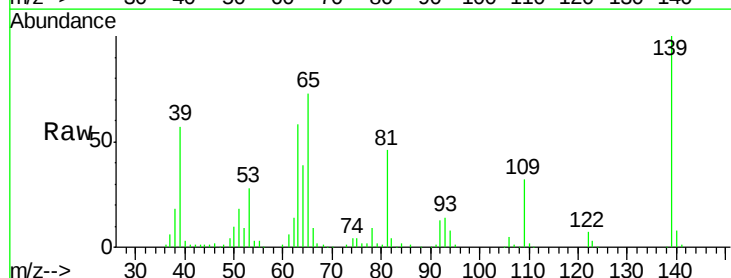
Tgt Ion: 139 Resp: 263365

Ion Ratio Lower Upper

139 100

109 31.9 24.7 37.1

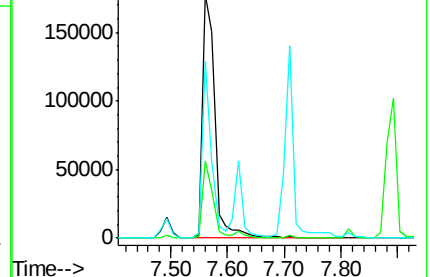
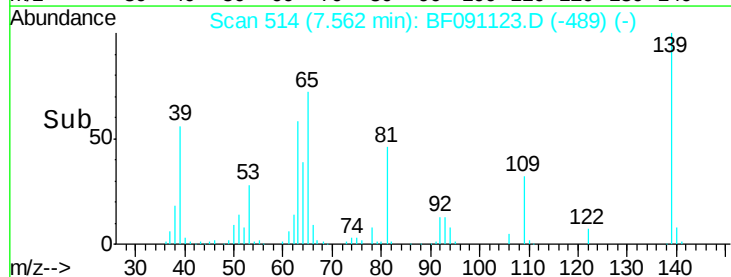
65 72.6 58.3 87.5

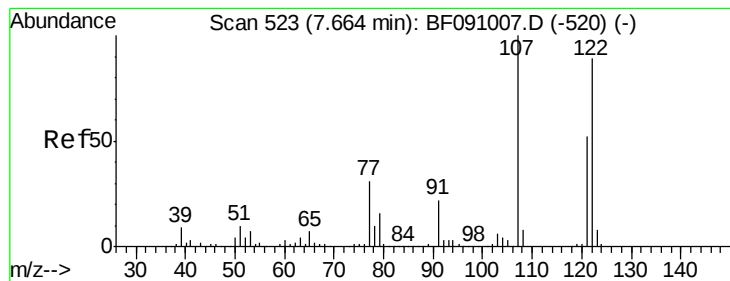


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.52 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

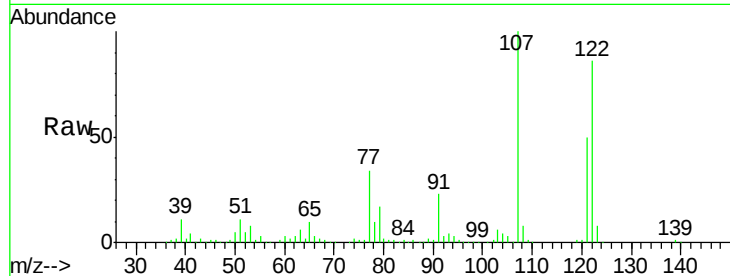
Tgt Ion:122 Resp: 440195

Ion Ratio Lower Upper

122 100

107 116.3 89.6 134.4

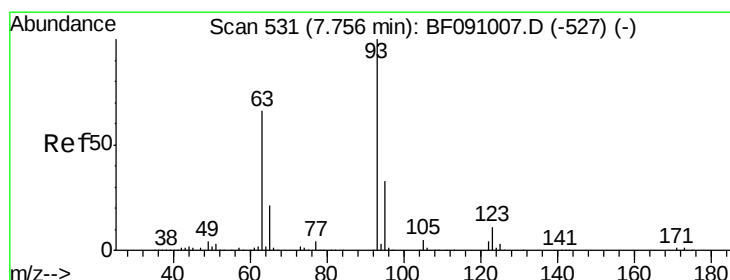
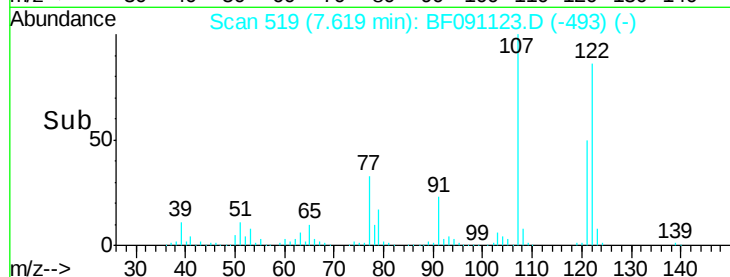
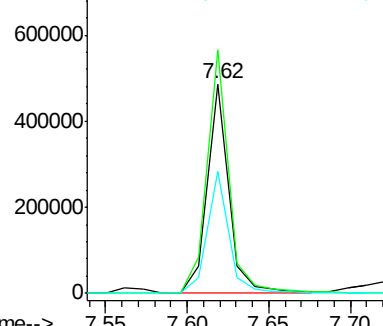
121 58.4 46.3 69.5



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: 44.44 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

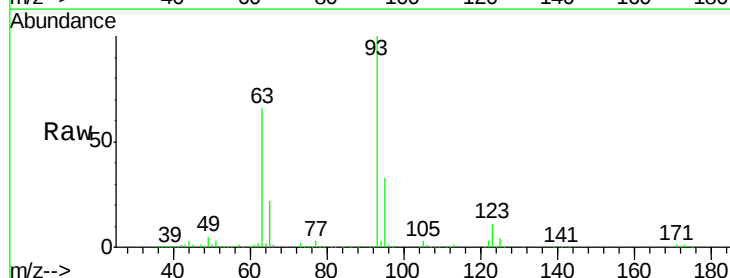
Tgt Ion: 93 Resp: 626485

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

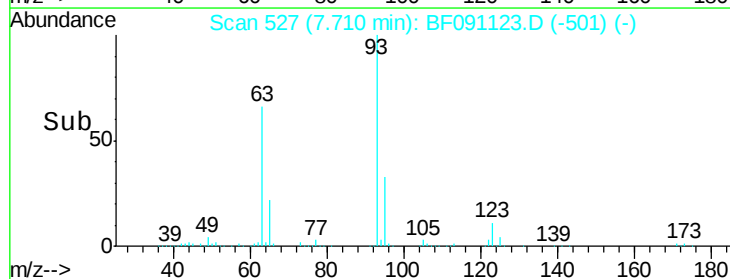
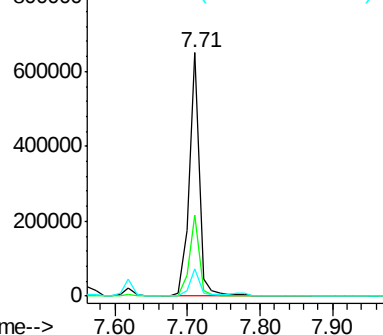
123 11.1 8.7 13.1

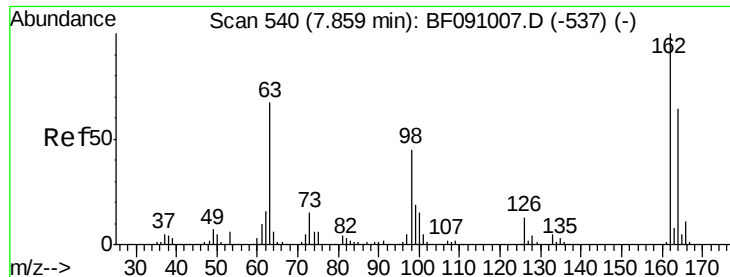


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

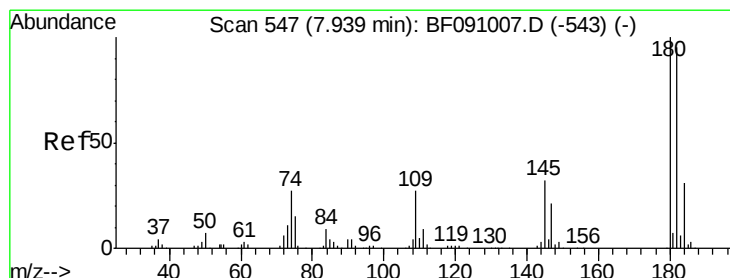
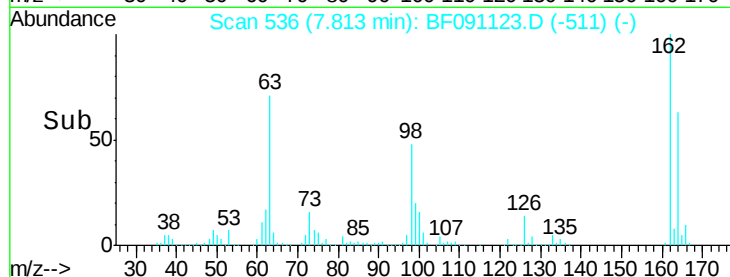
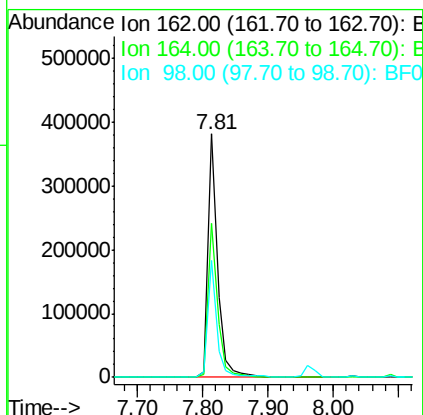
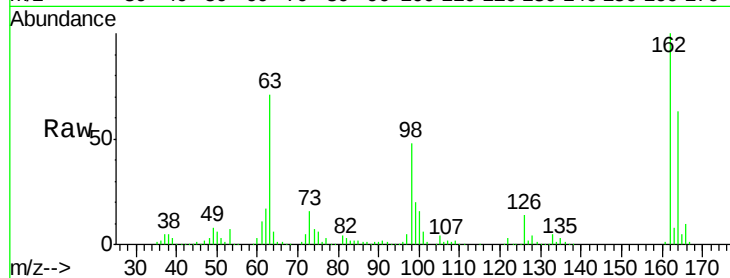




#29
 2,4-Dichlorophenol
 Concen: 43.47 ng
 RT: 7.81 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

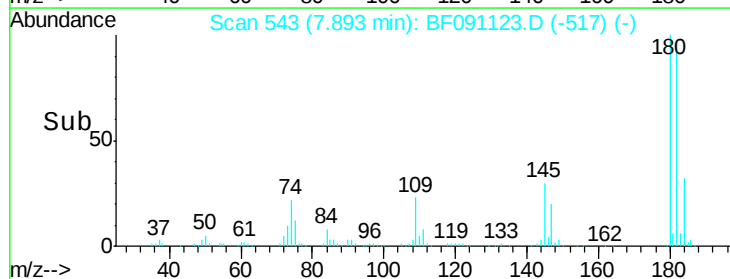
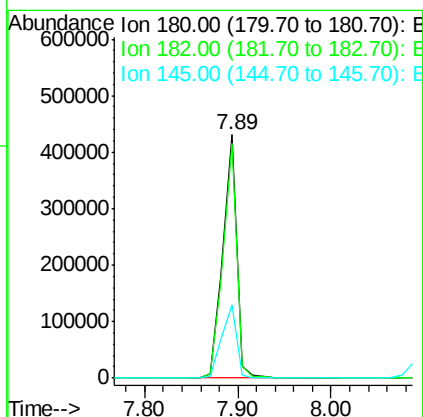
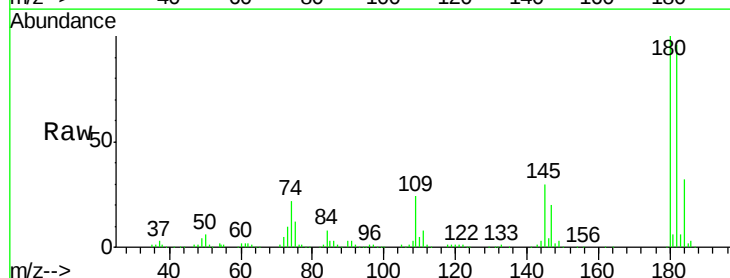
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

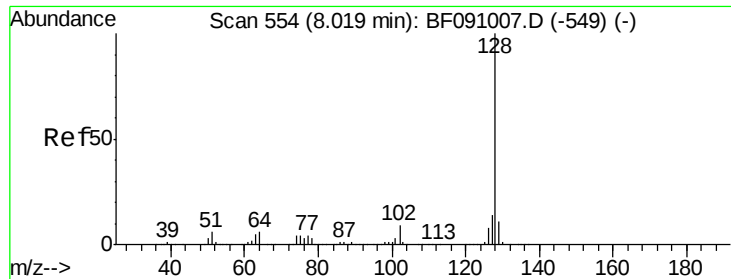
Tgt Ion:162 Resp: 392769
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.4 84.4
 98 48.0 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.65 ng
 RT: 7.89 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:180 Resp: 443373
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.0 114.0
 145 30.4 25.8 38.8

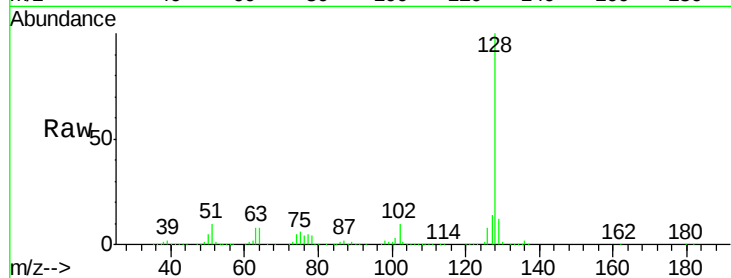




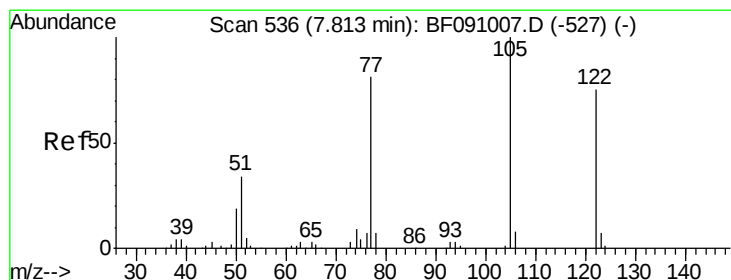
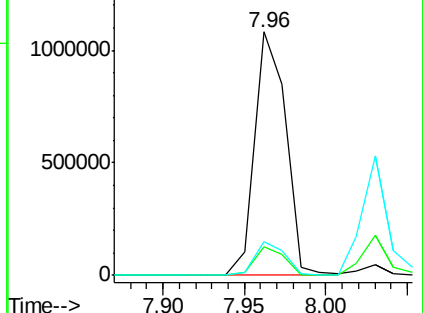
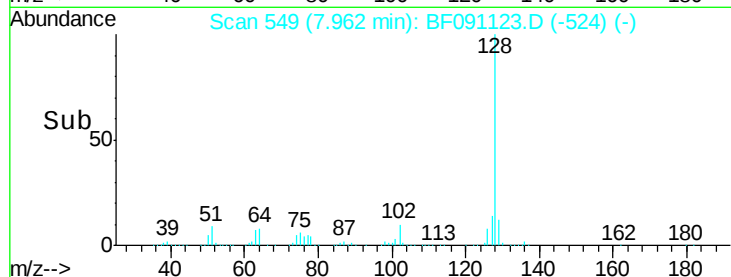
#31
Naphthalene
Concen: 41.02 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1433379
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.7 10.9 16.3

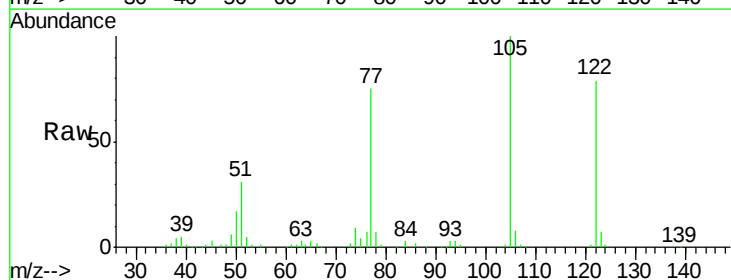


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

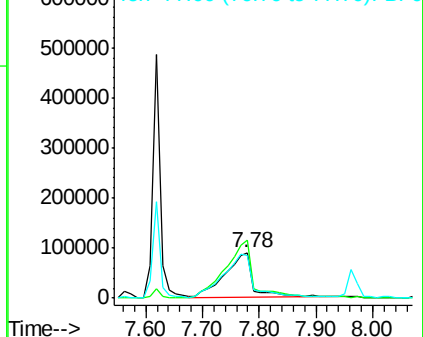
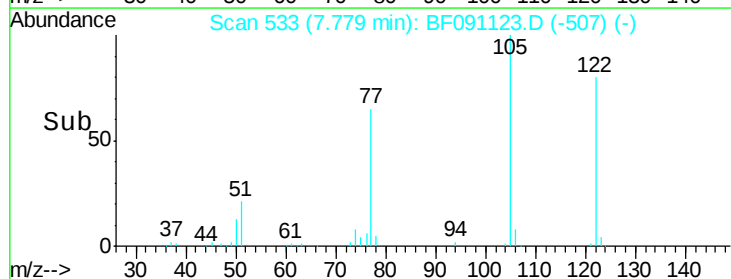


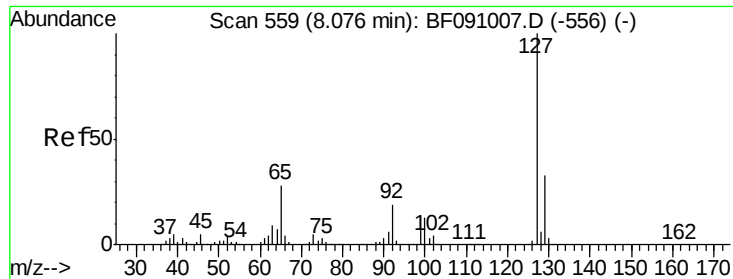
#32
Benzoic acid
Concen: 39.91 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:122 Resp: 314587
Ion Ratio Lower Upper
122 100
105 125.9 105.9 145.9
77 93.9 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

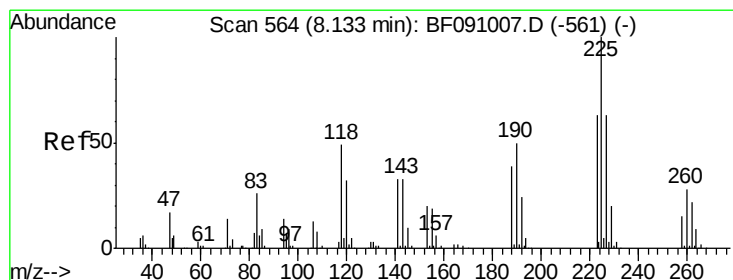
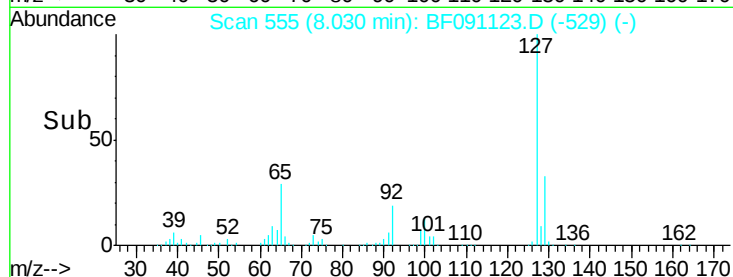
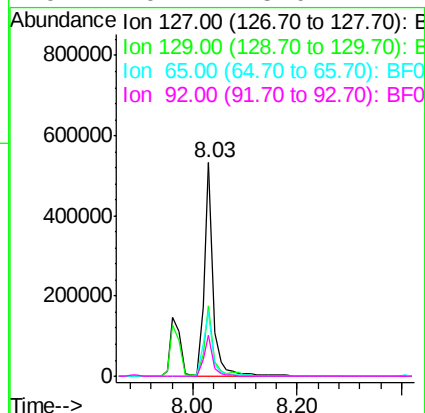
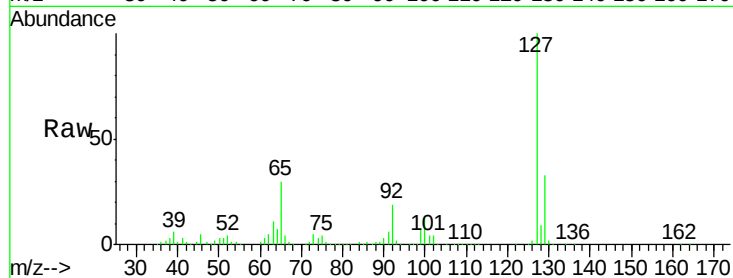




#33
4-Chloroaniline
Concen: 43.06 ng
RT: 8.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

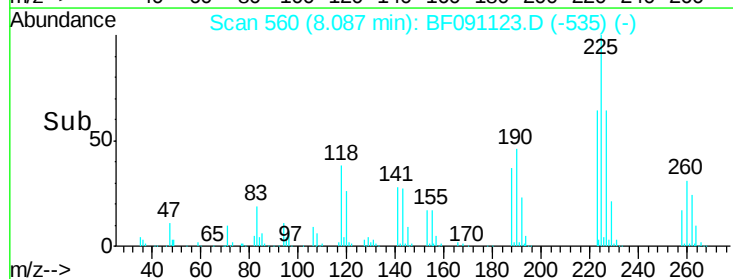
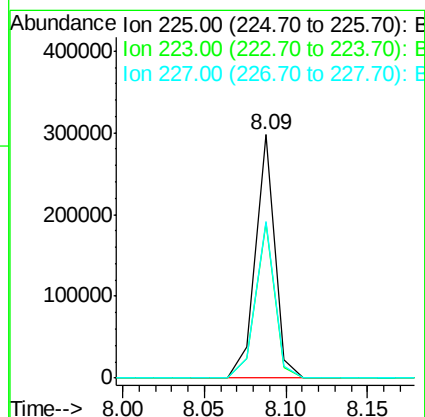
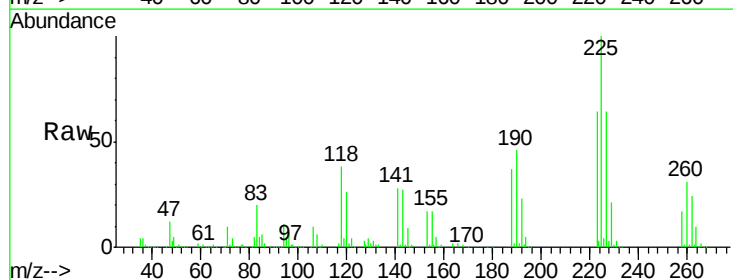
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

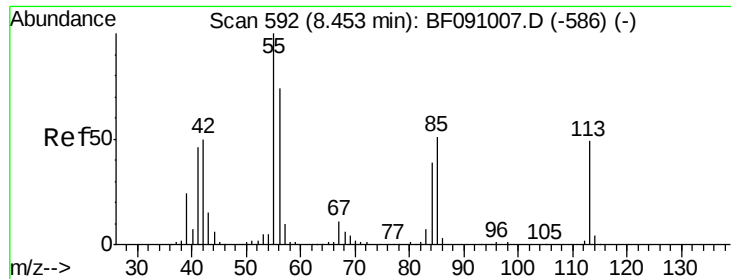
Tgt Ion:	127	Resp:	625648
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	30.2	22.2	33.2
92	19.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.94 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:	225	Resp:	246421
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.4	75.6
227	64.5	50.1	75.1

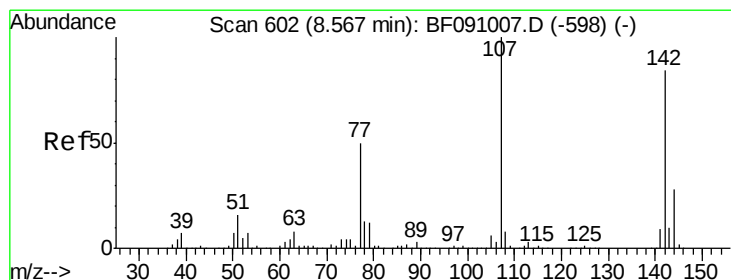
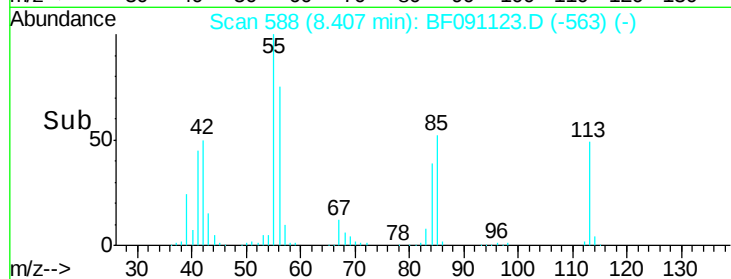
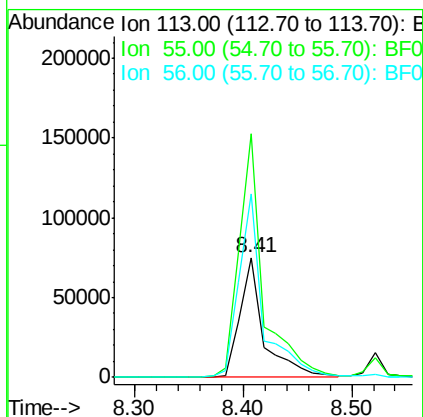
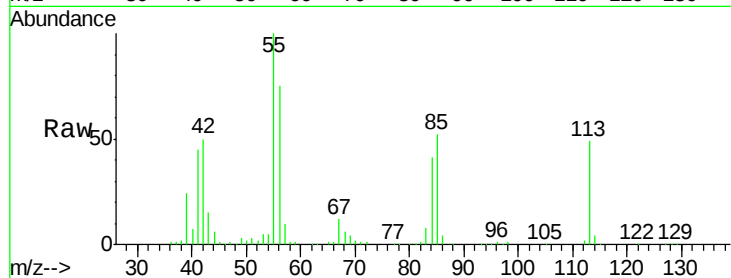




#35
 Caprolactam
 Concen: 40.39 ng
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

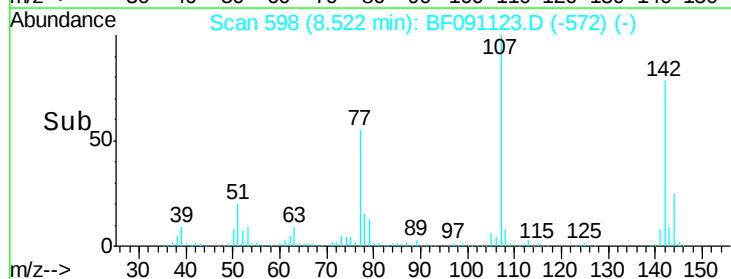
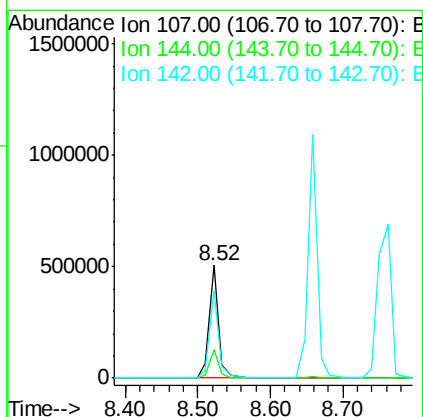
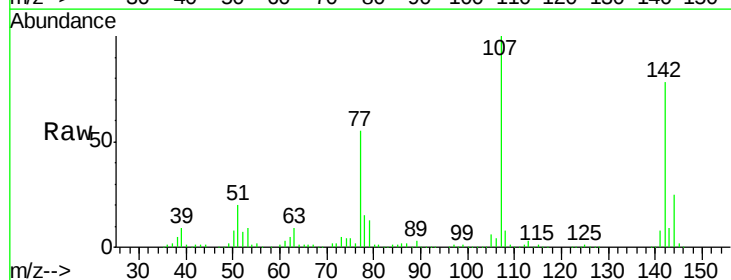
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

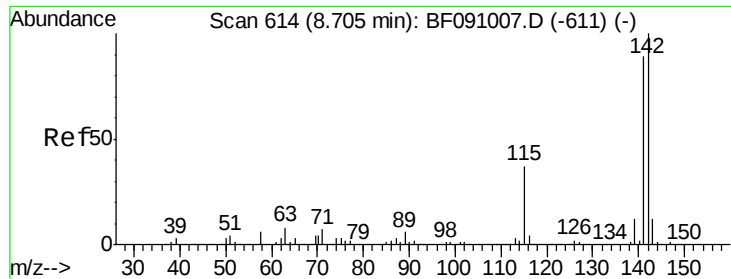
Tgt Ion:113 Resp: 114642
 Ion Ratio Lower Upper
 113 100
 55 203.0 184.1 224.1
 56 152.5 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.52 ng
 RT: 8.52 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:107 Resp: 465051
 Ion Ratio Lower Upper
 107 100
 144 25.3 22.5 33.7
 142 77.6 67.4 101.2

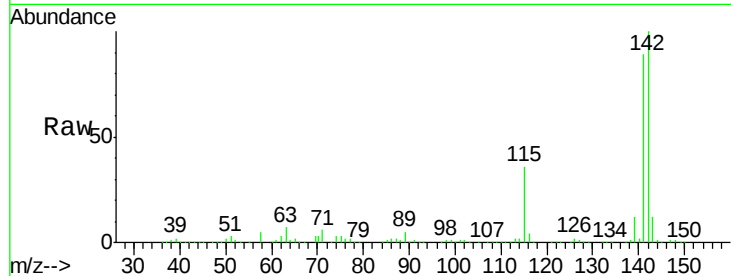




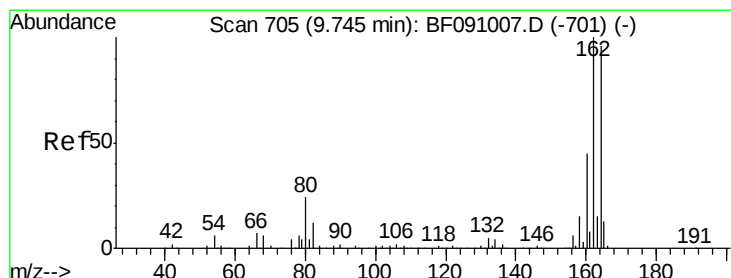
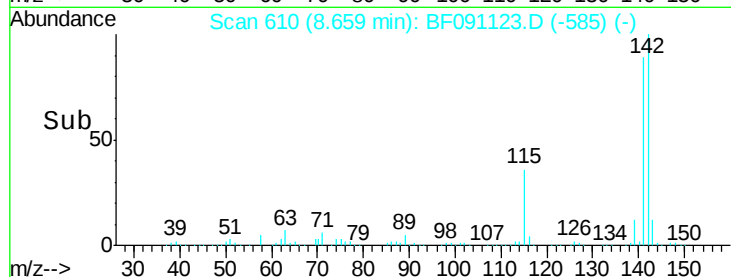
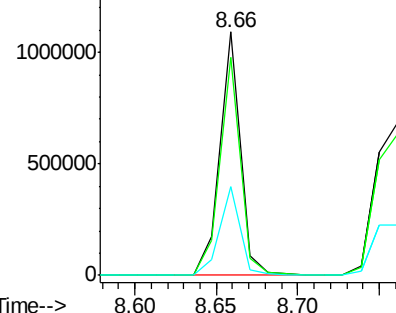
#37
2-Methylnaphthalene
Concen: 42.17 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 947098
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 36.4 29.9 44.9

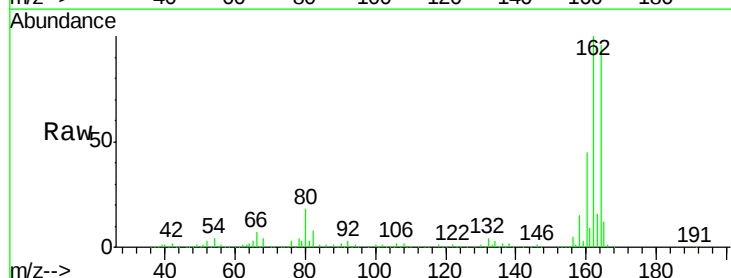


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

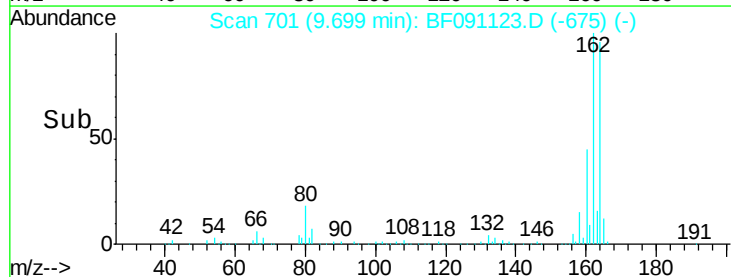
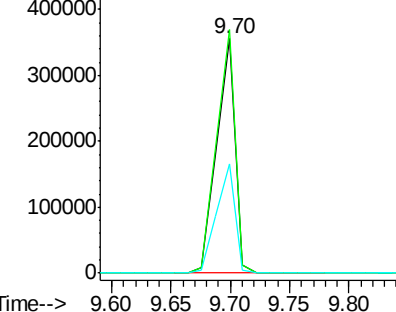


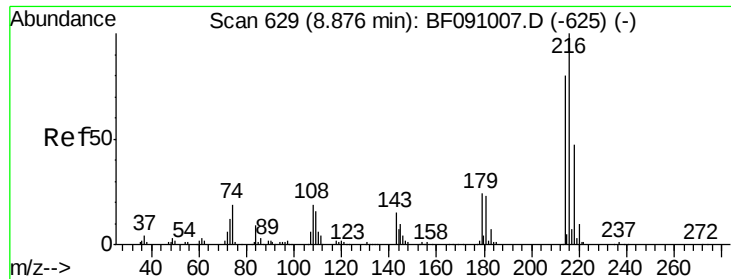
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:164 Resp: 383314
Ion Ratio Lower Upper
164 100
162 103.8 83.6 125.4
160 46.8 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: 44.42 ng

RT: 8.83 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 434083

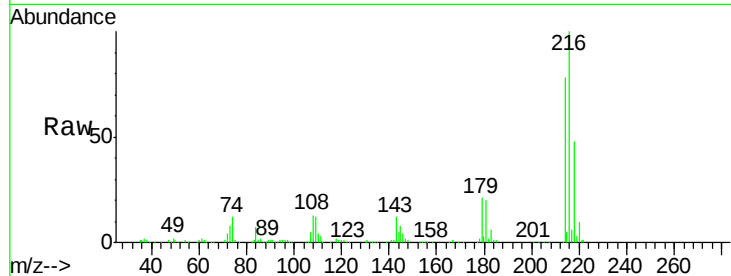
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.6 19.1 28.7

108 20.5 17.5 26.3

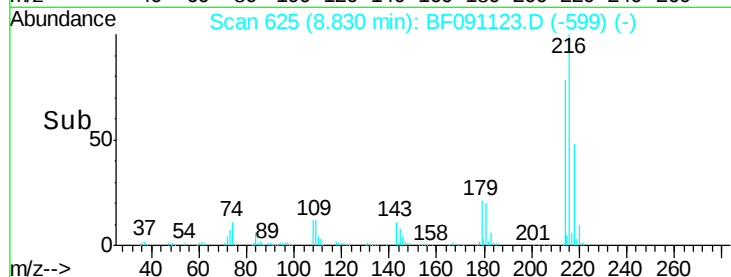


Abundance Ion 216.00 (215.70 to 216.70): E

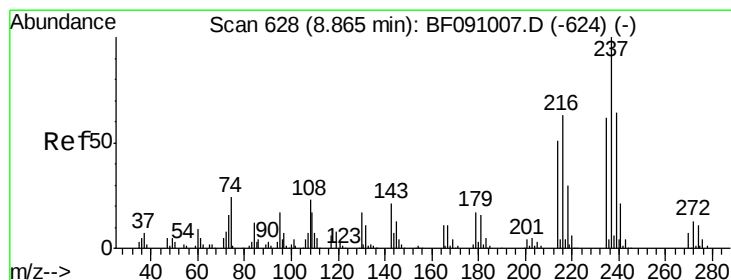
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.70 8.80 8.90 9.00



#40

Hexachlorocyclopentadiene

Concen: 33.22 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

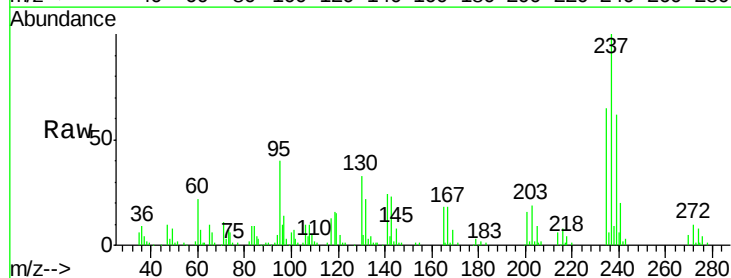
Tgt Ion:237 Resp: 109290

Ion Ratio Lower Upper

237 100

235 64.9 42.1 82.1

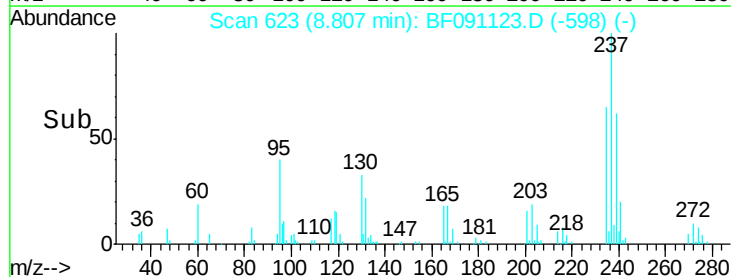
272 10.3 0.0 33.1



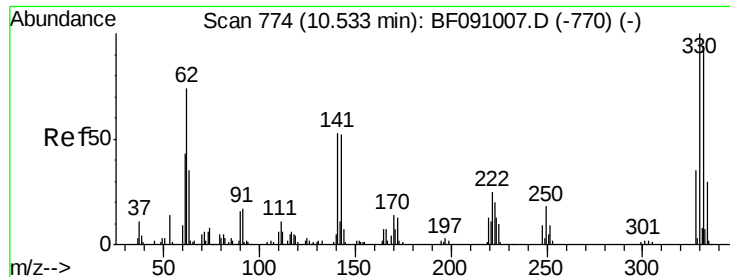
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



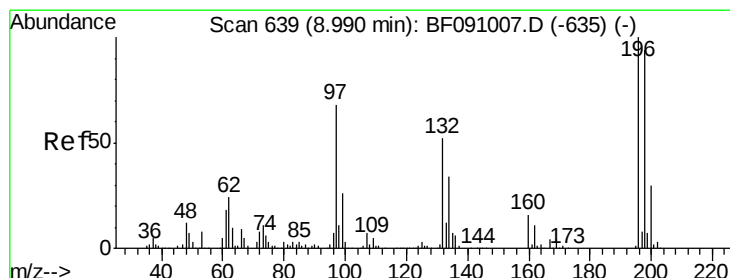
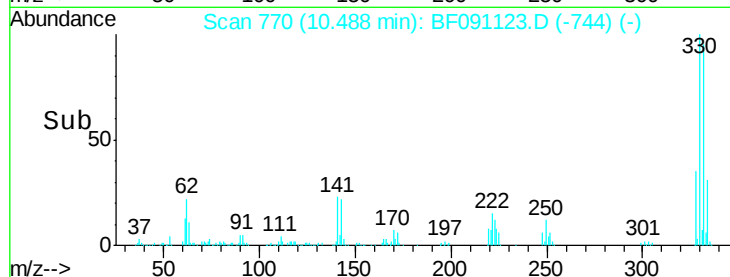
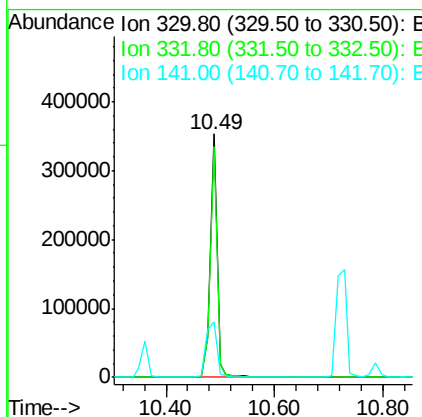
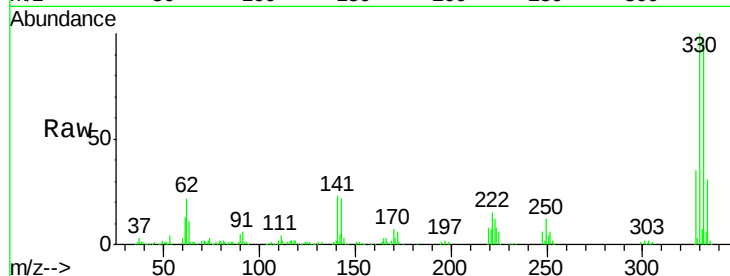
Time--> 8.75 8.80 8.85



#41
 2,4,6-Tribromophenol
 Concen: 89.52 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

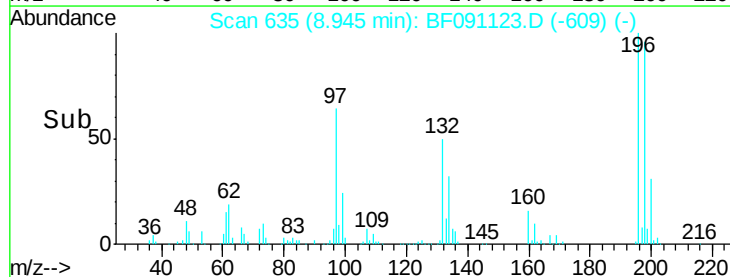
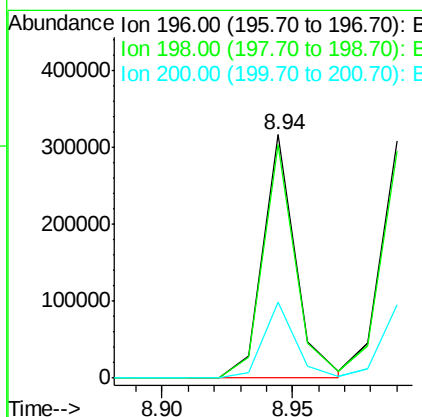
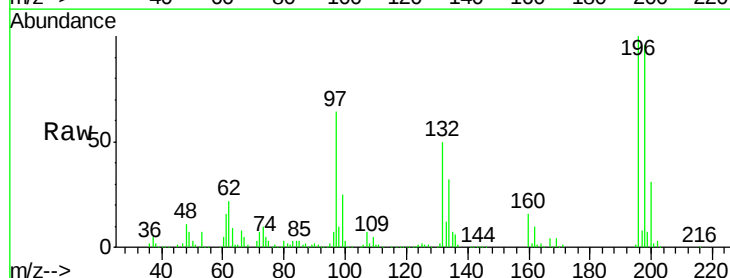
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion:330 Resp: 310206
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 36.7 36.1 54.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.67 ng
 RT: 8.94 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:196 Resp: 275484
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.4 113.0
 200 31.0 24.1 36.1

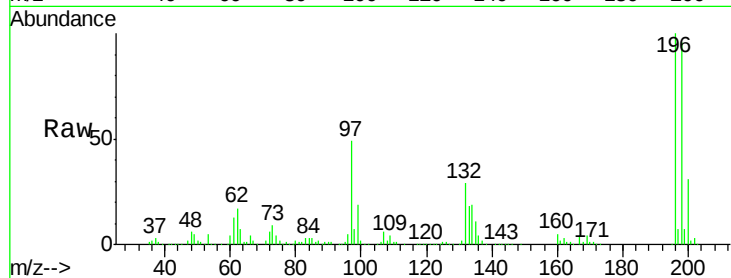




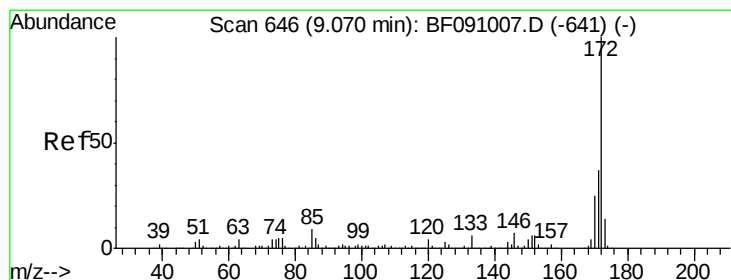
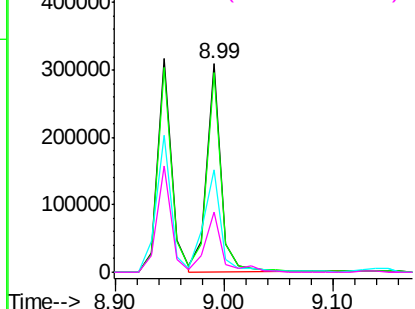
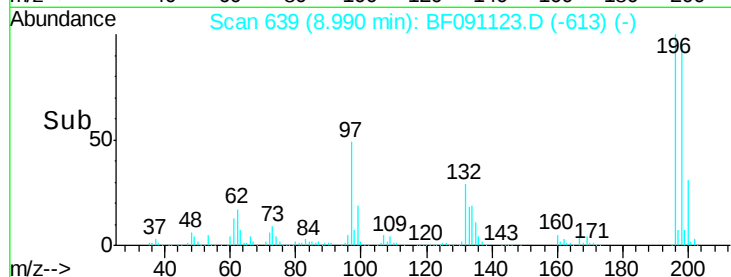
#43
 2,4,5-Trichlorophenol
 Concen: 43.26 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 286534
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.4
 97 49.1 38.8 58.2
 132 28.6 23.5 35.3

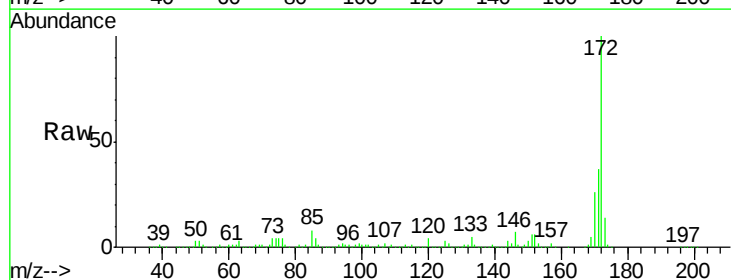


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

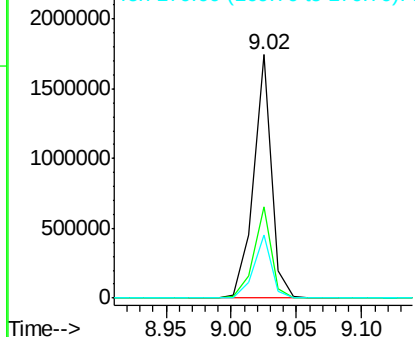
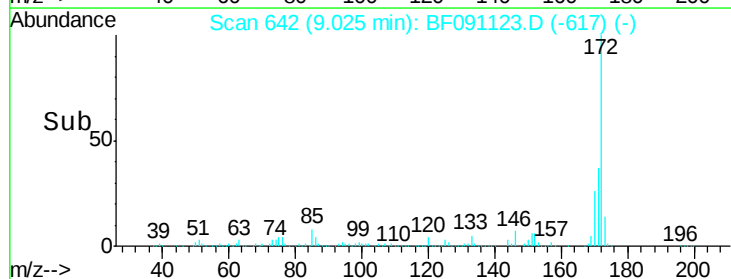


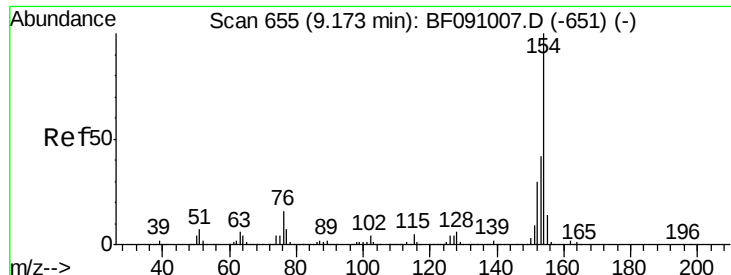
#44
 2-Fluorobiphenyl
 Concen: 75.32 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:172 Resp: 1677070
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 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

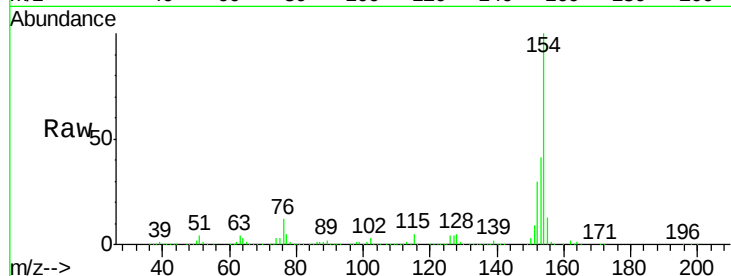




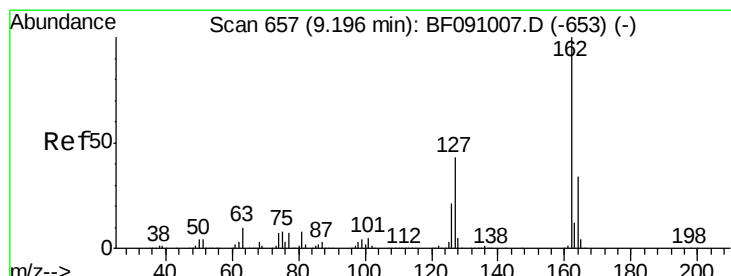
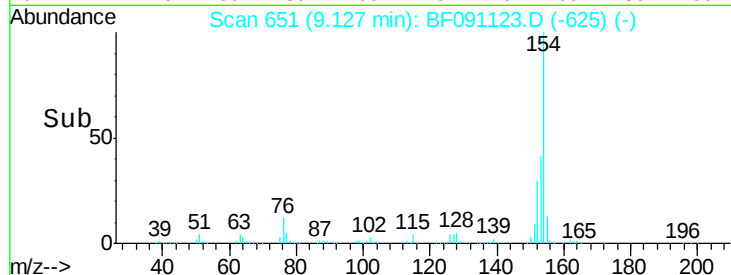
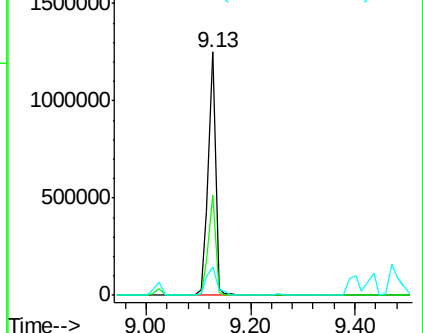
#45
 1,1'-Biphenyl
 Concen: 43.68 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1222537
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.6 61.6
 76 11.5 0.0 36.2

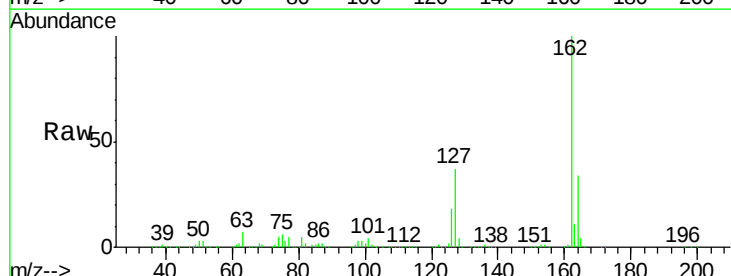


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

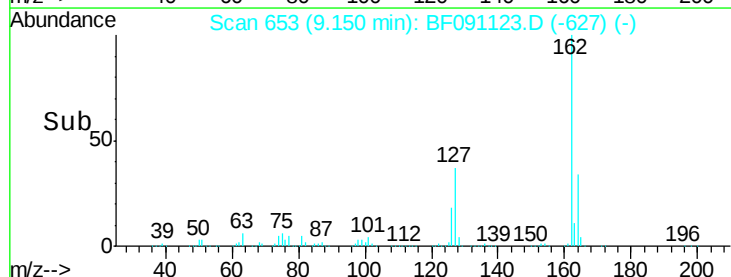
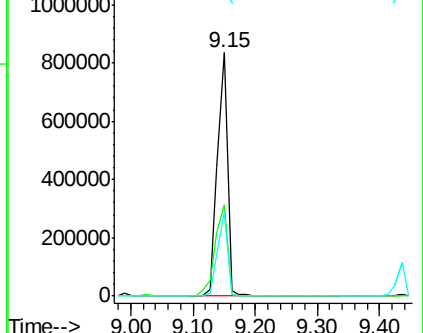


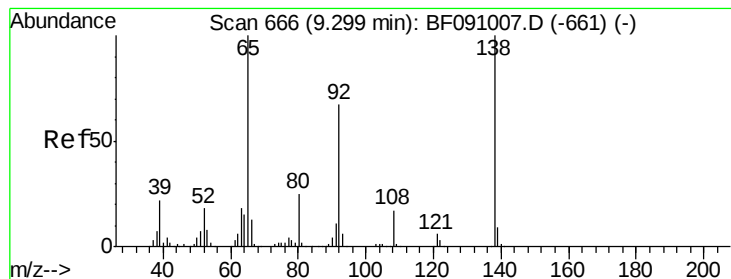
#46
 2-Chloronaphthalene
 Concen: 43.44 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:162 Resp: 923016
 Ion Ratio Lower Upper
 162 100
 127 37.4 34.7 52.1
 164 34.2 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: 44.80 ng

RT: 9.25 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

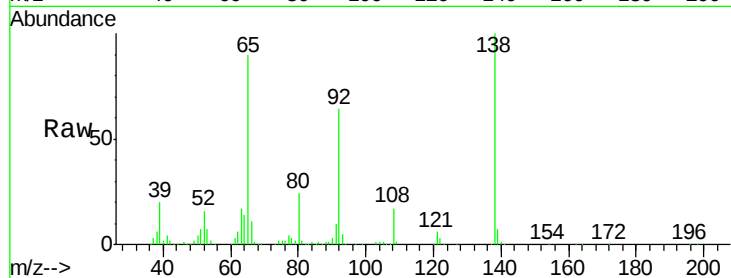
Tgt Ion: 65 Resp: 353304

Ion Ratio Lower Upper

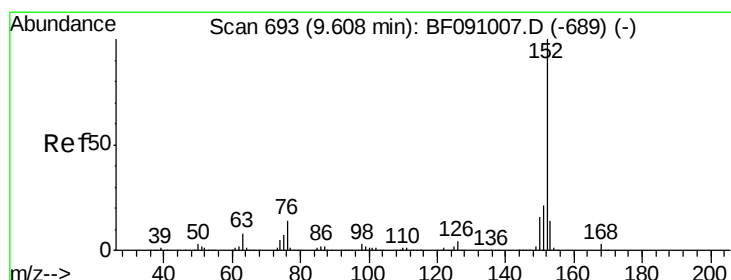
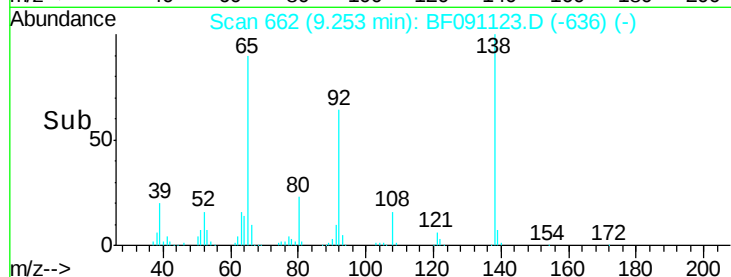
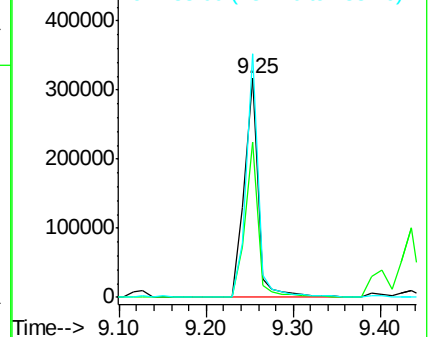
65 100

92 70.9 53.9 80.9

138 111.2 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: 41.73 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

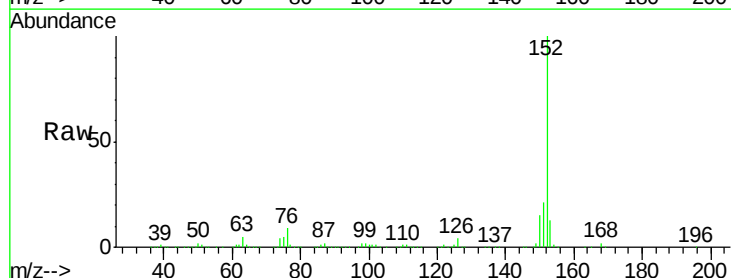
Tgt Ion: 152 Resp: 1381861

Ion Ratio Lower Upper

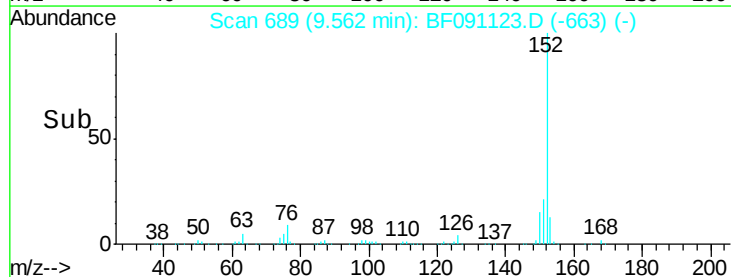
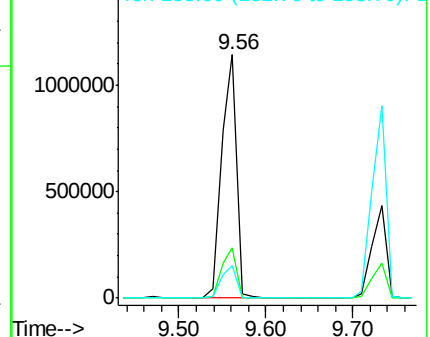
152 100

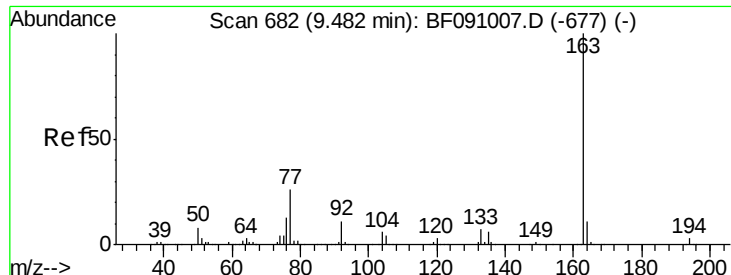
151 20.6 16.7 25.1

153 13.3 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: 42.48 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

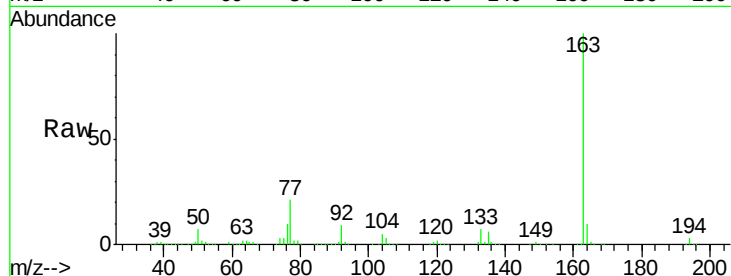
Tgt Ion:163 Resp: 1067732

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

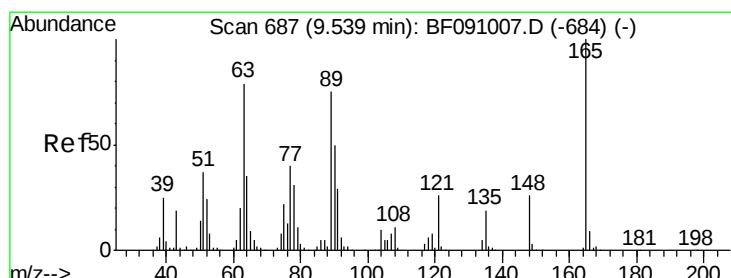
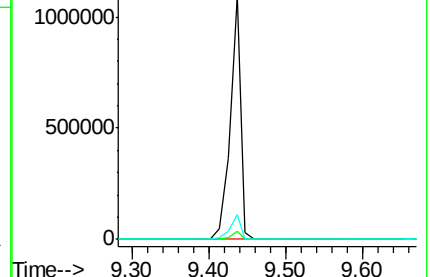
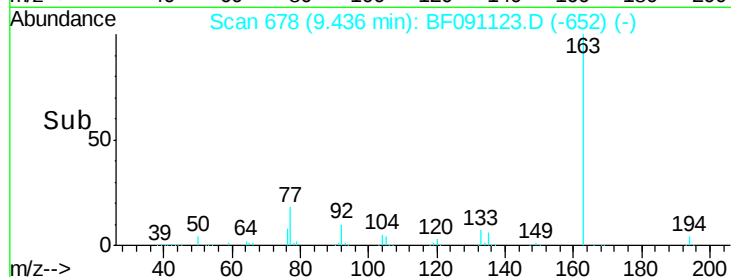
164 10.4 8.7 13.1



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: 39.70 ng

RT: 9.49 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

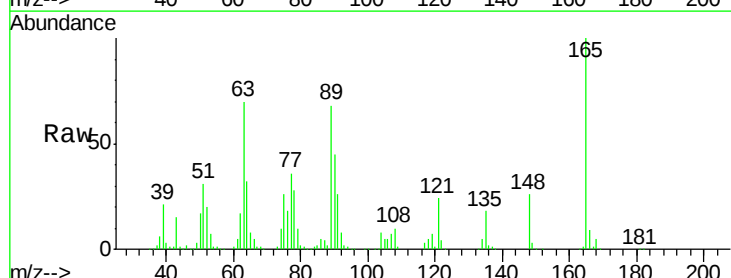
Tgt Ion:165 Resp: 213874

Ion Ratio Lower Upper

165 100

63 69.8 65.6 98.4

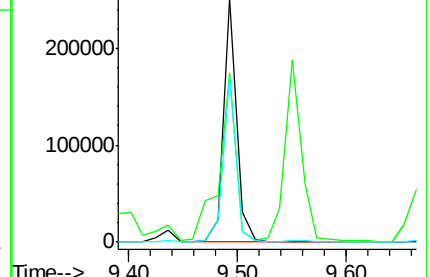
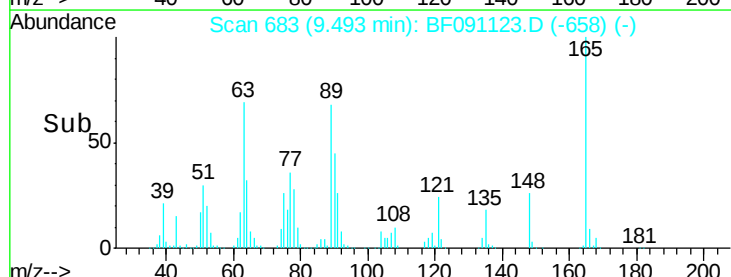
89 67.9 59.8 89.6

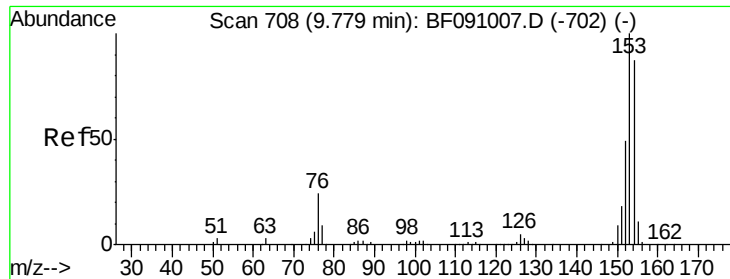


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.00 ng

RT: 9.73 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

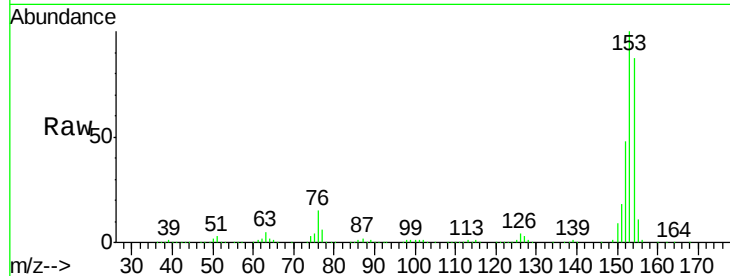
Tgt Ion:154 Resp: 873224

Ion Ratio Lower Upper

154 100

153 114.3 91.6 137.4

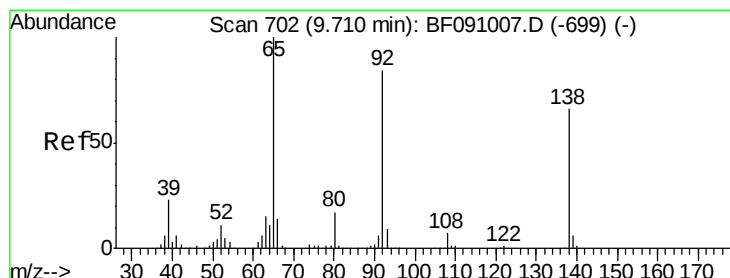
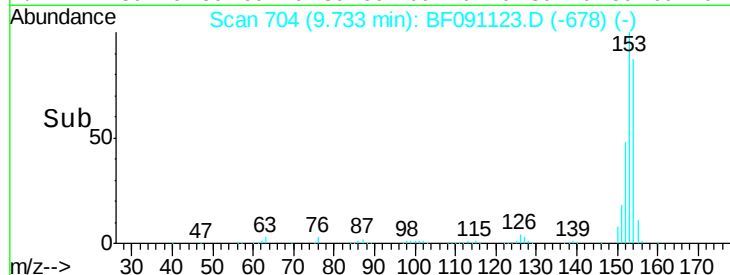
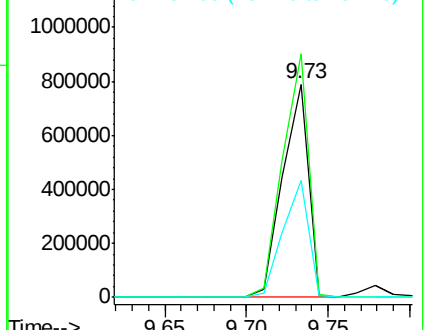
152 55.1 44.6 67.0



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: 43.75 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

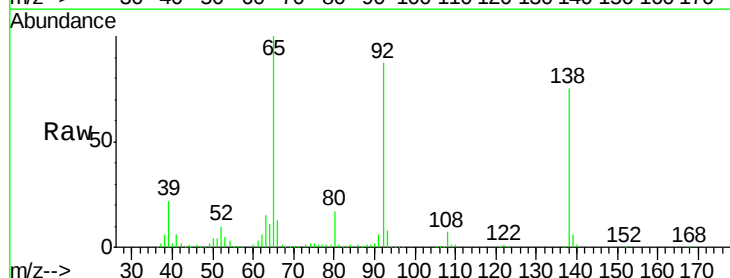
Tgt Ion:138 Resp: 279467

Ion Ratio Lower Upper

138 100

108 9.7 8.4 12.6

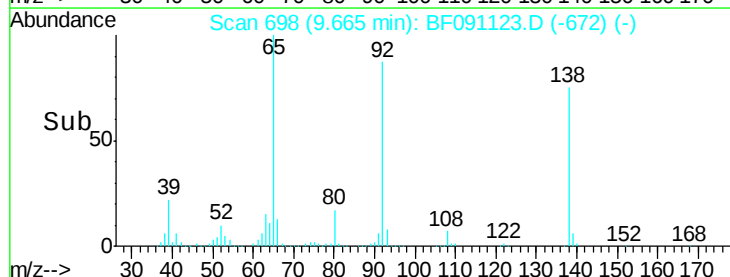
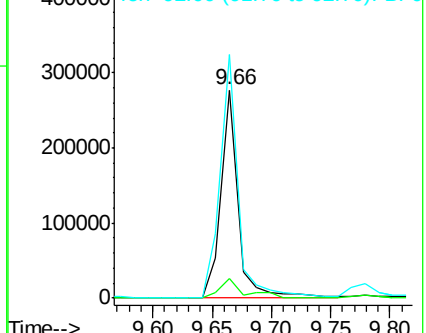
92 117.0 101.1 151.7

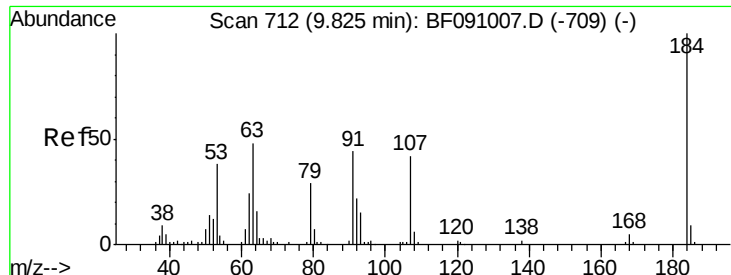


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

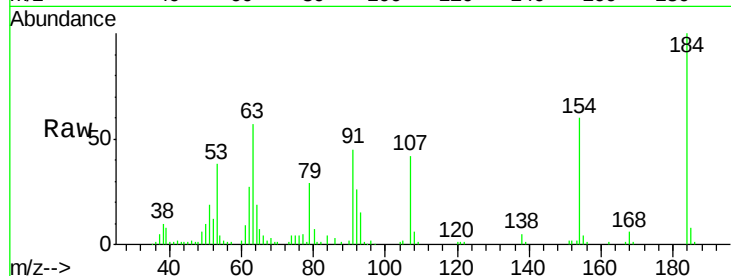




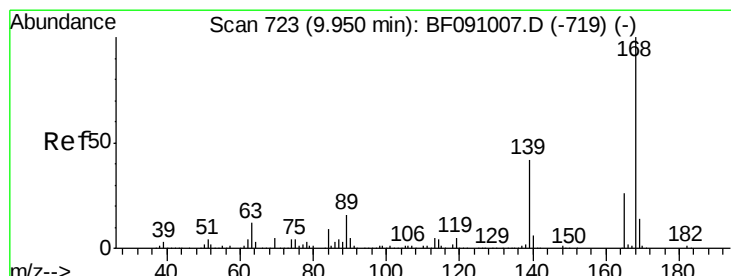
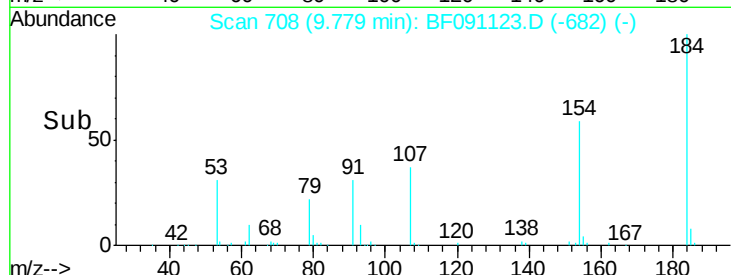
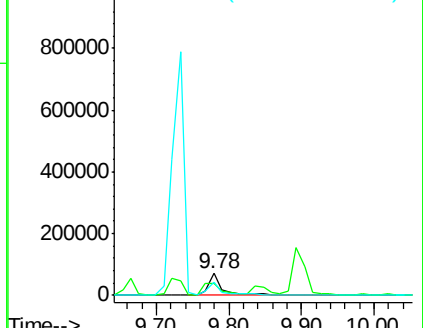
#53
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 100484
Ion Ratio Lower Upper
184 100
63 57.0 45.5 68.3
154 59.5 51.0 76.4

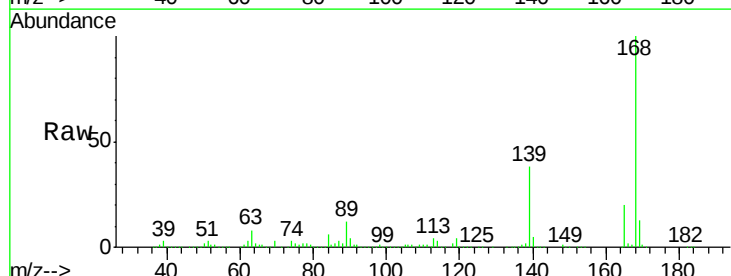


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

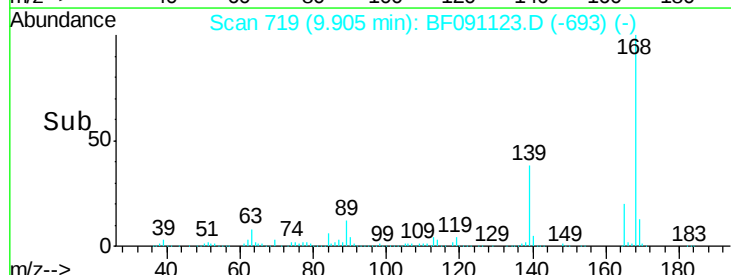
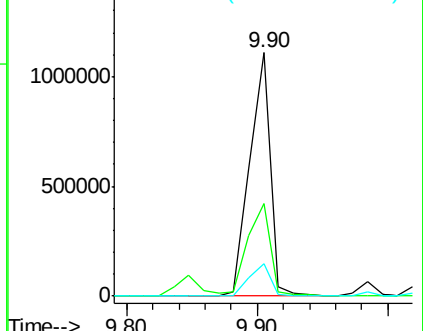


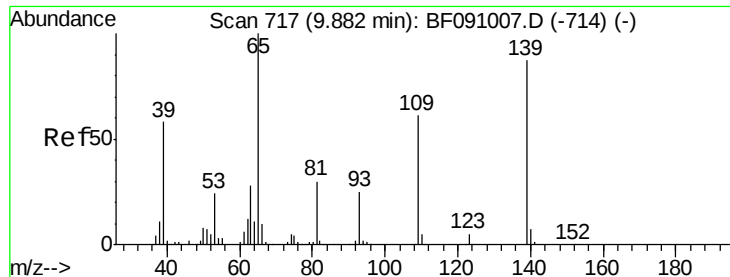
#54
Dibenzofuran
Concen: 43.42 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:168 Resp: 1215079
Ion Ratio Lower Upper
168 100
139 38.2 34.8 52.2
169 13.4 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

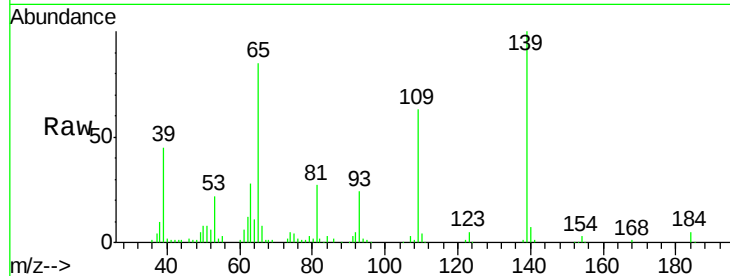




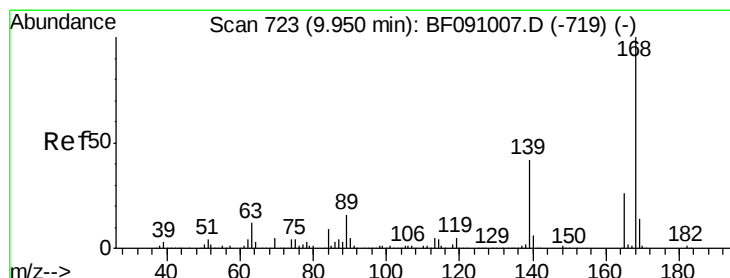
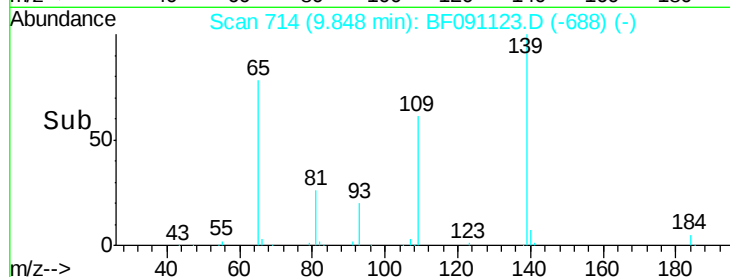
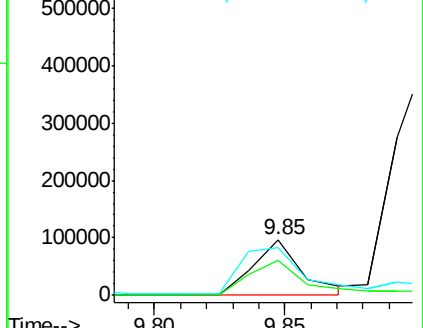
#55
4-Nitrophenol
Concen: 33.36 ng
RT: 9.85 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 126601
Ion Ratio Lower Upper
139 100
109 62.9 50.5 90.5
65 85.4 97.1 137.1#



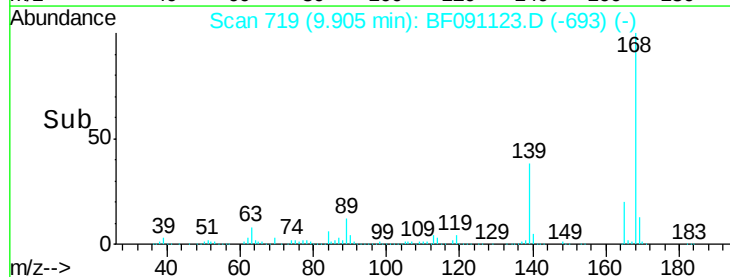
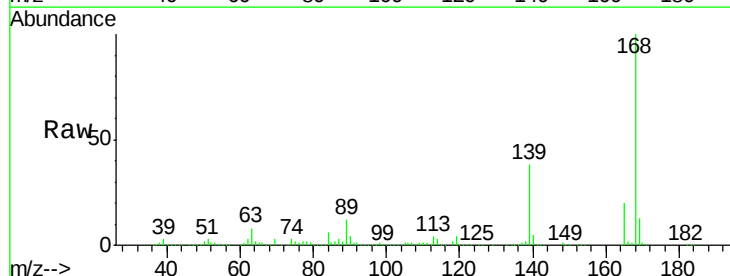
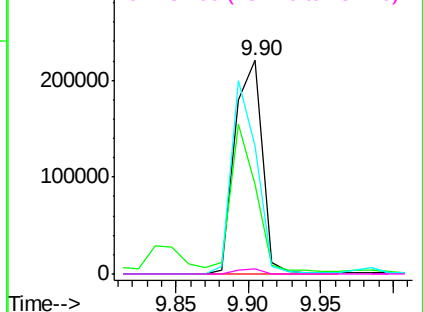
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

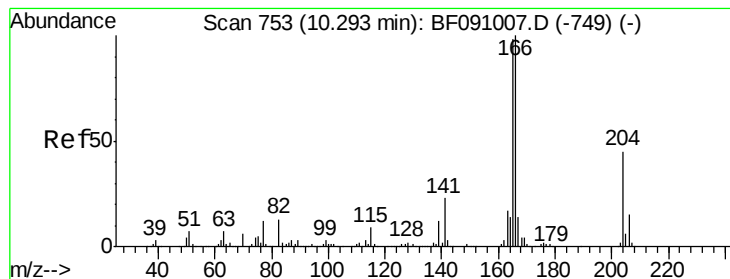


#56
2,4-Dinitrotoluene
Concen: 42.28 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:165 Resp: 289765
Ion Ratio Lower Upper
165 100
63 42.3 38.7 58.1
89 59.7 50.6 76.0
182 2.5 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: 40.80 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

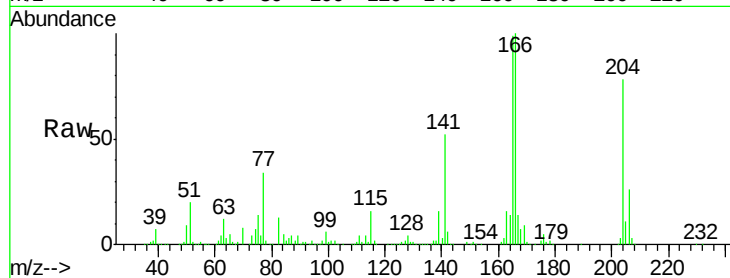
Tgt Ion:166 Resp: 933426

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

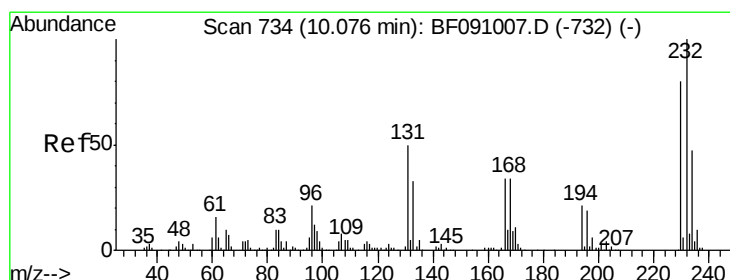
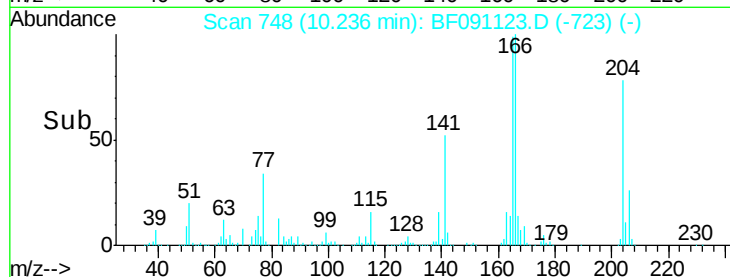
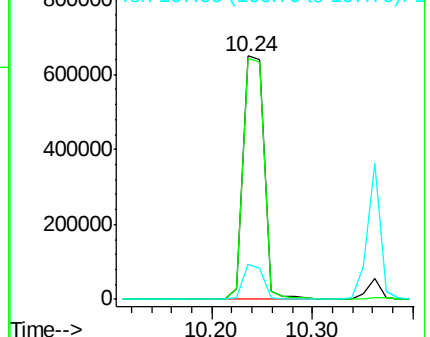
167 14.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.00 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Tgt Ion:232 Resp: 217929

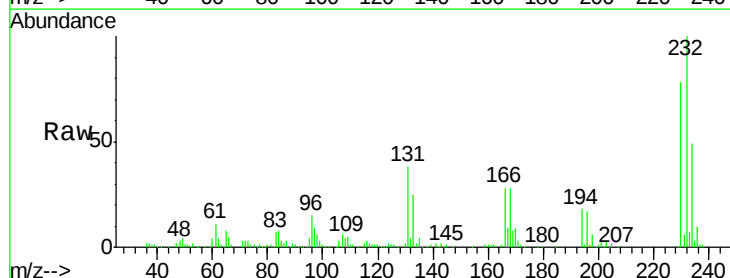
Ion Ratio Lower Upper

232 100

131 53.6 43.6 65.4

130 2.5 2.0 3.0

166 32.4 27.4 41.2

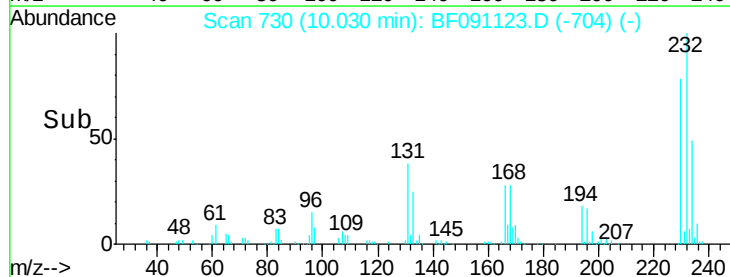
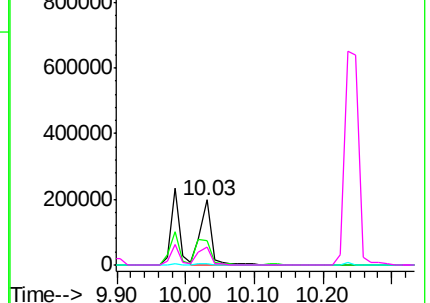


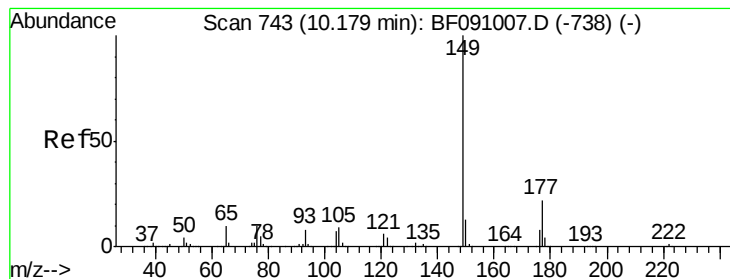
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.12 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

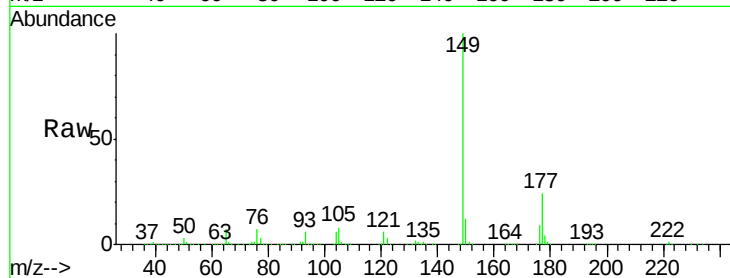
Tgt Ion:149 Resp: 1033879

Ion Ratio Lower Upper

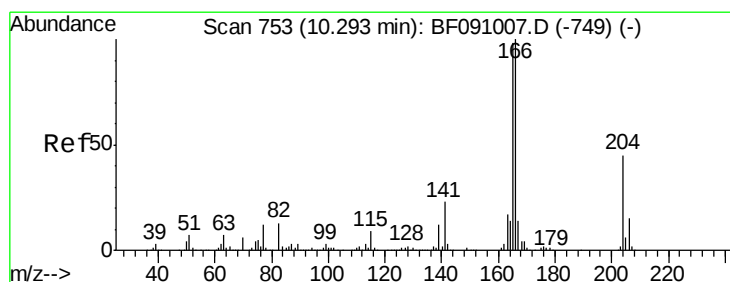
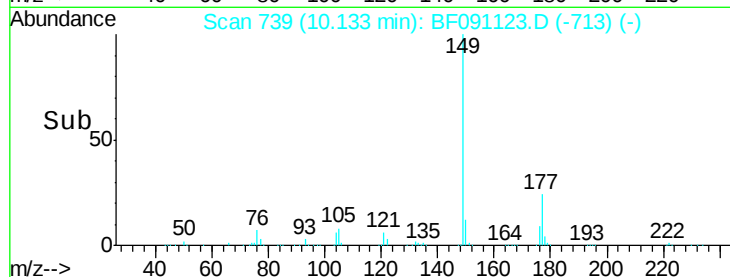
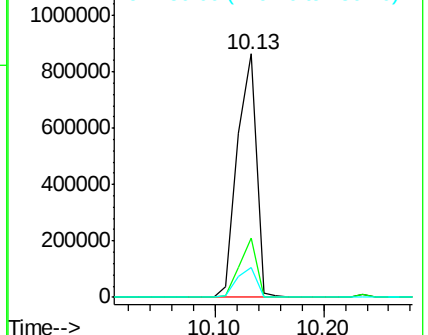
149 100

177 24.3 17.3 25.9

150 12.3 10.3 15.5



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



#60

4-Chlorophenyl-phenylether

Concen: 41.15 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

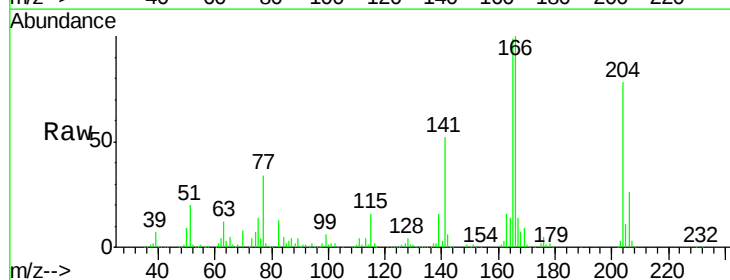
Tgt Ion:204 Resp: 428434

Ion Ratio Lower Upper

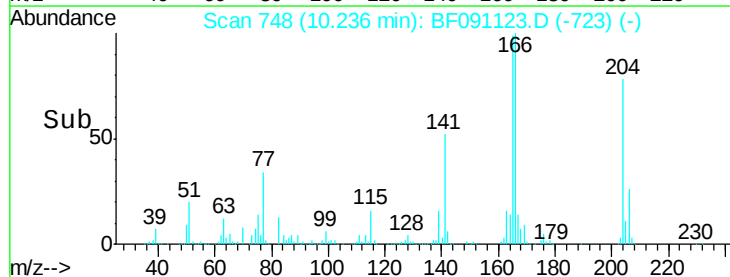
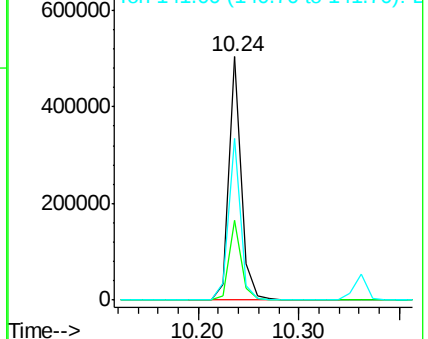
204 100

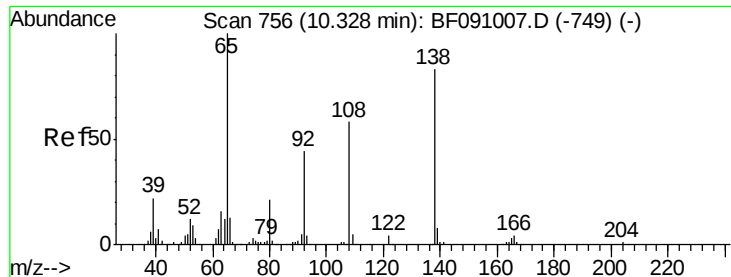
206 33.0 27.1 40.7

141 66.4 40.1 60.1#



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





#61

4-Nitroaniline

Concen: 45.36 ng

RT: 10.28 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

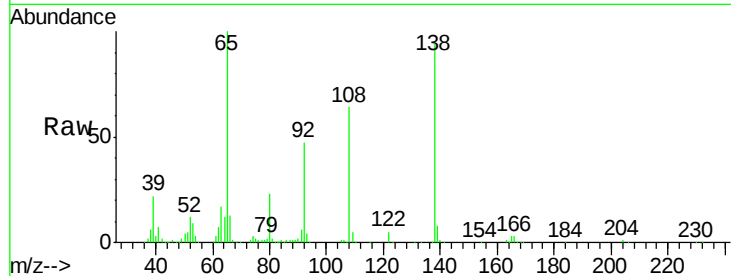
Tgt Ion:138 Resp: 293112

Ion Ratio Lower Upper

138 100

92 50.0 32.5 72.5

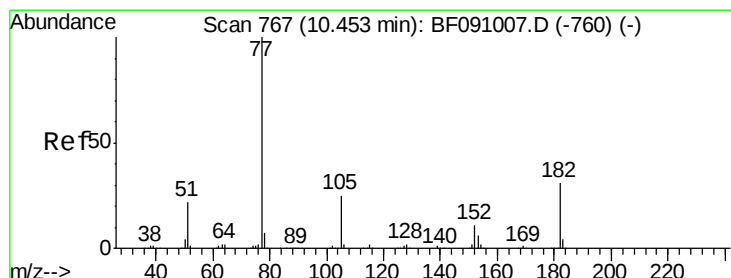
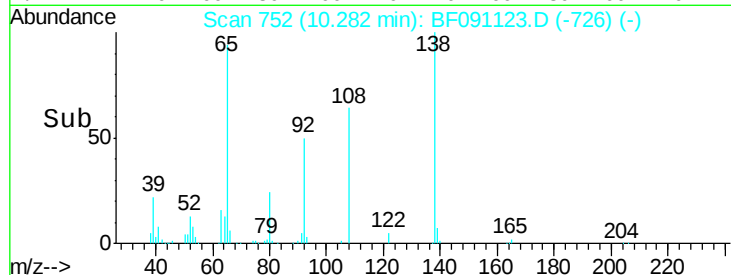
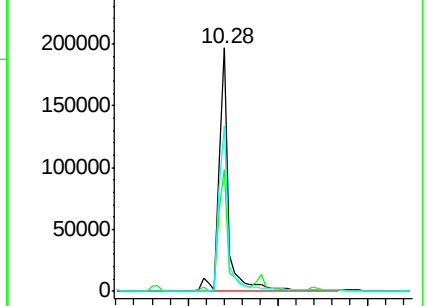
108 68.2 49.4 89.4



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: 39.66 ng

RT: 10.40 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Tgt Ion: 77 Resp: 1202979

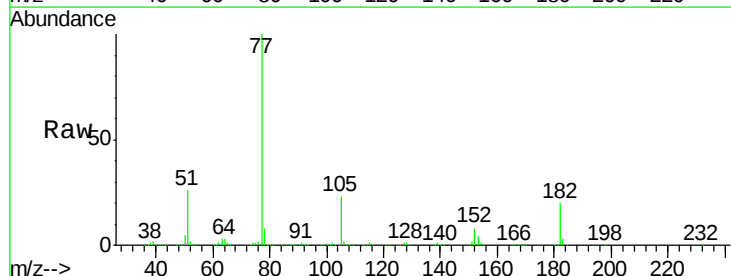
Ion Ratio Lower Upper

77 100

182 19.6 11.0 51.0

105 23.0 5.6 45.6

51 26.0 2.7 42.7

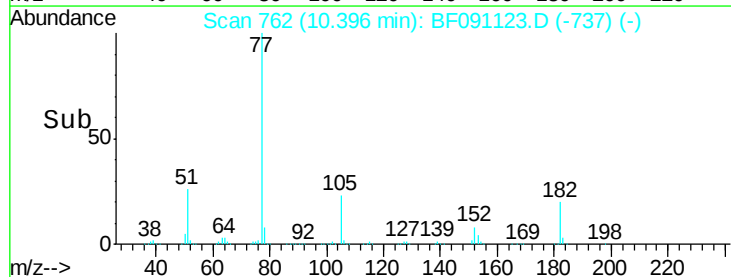
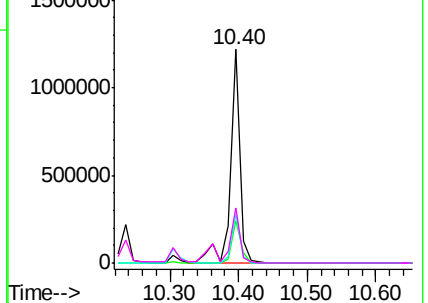


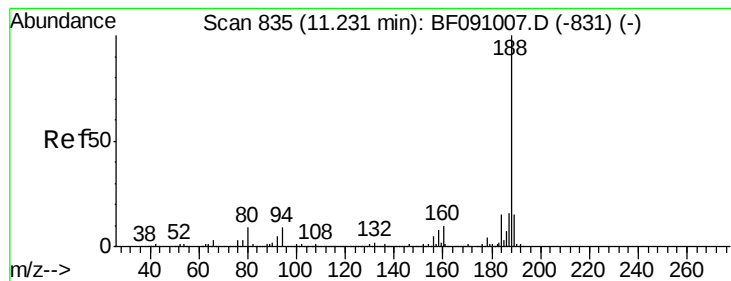
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

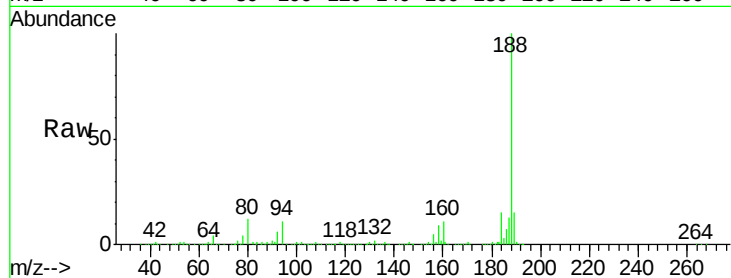
Tgt Ion:188 Resp: 623675

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.4#

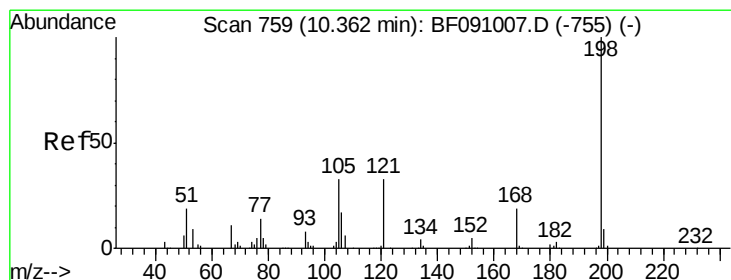
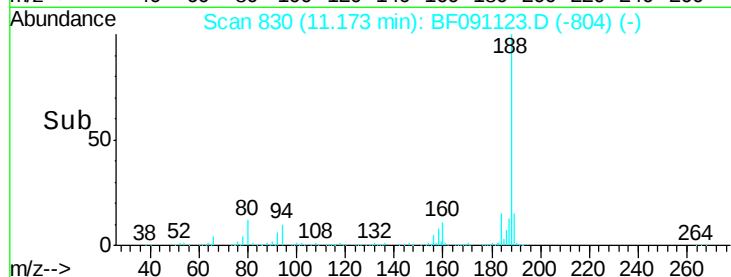
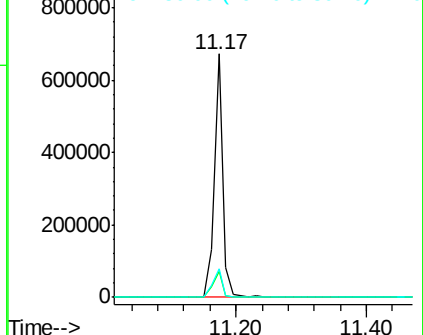
80 12.0 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.16 ng

RT: 10.30 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

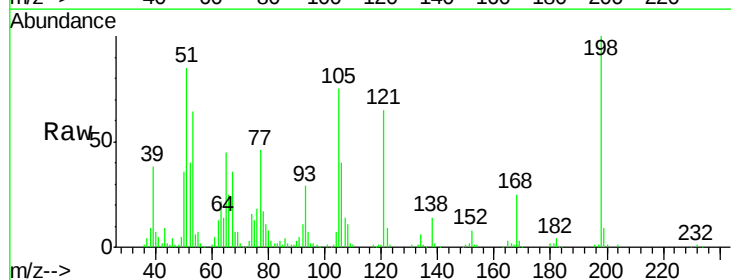
Tgt Ion:198 Resp: 153387

Ion Ratio Lower Upper

198 100

51 85.4 5.9 45.9#

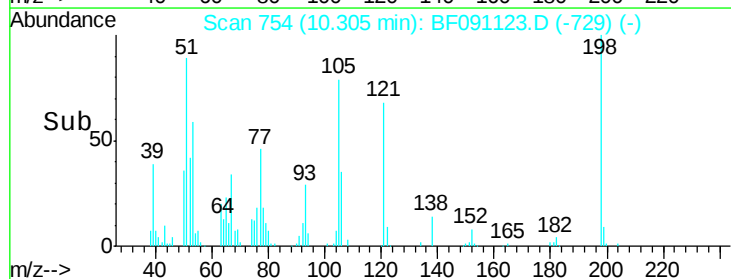
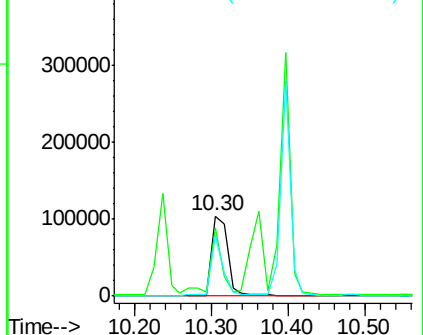
105 75.4 13.8 53.8#

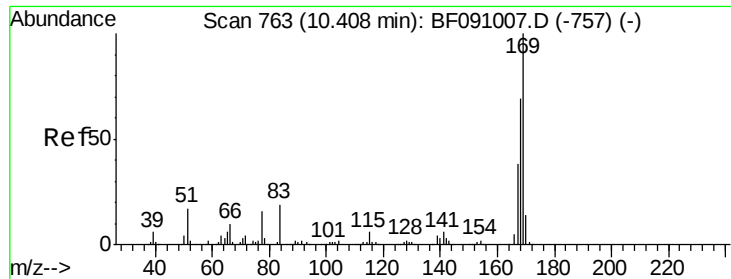


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.26 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

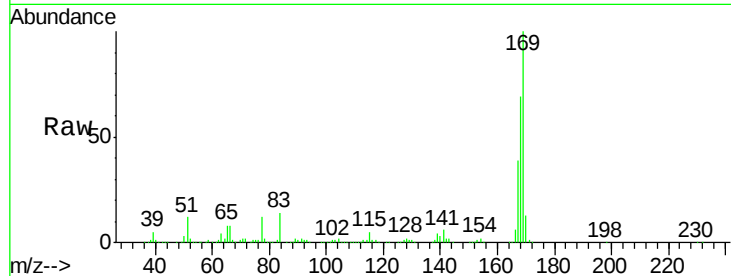
Tgt Ion:169 Resp: 857606

Ion Ratio Lower Upper

169 100

168 69.2 55.3 82.9

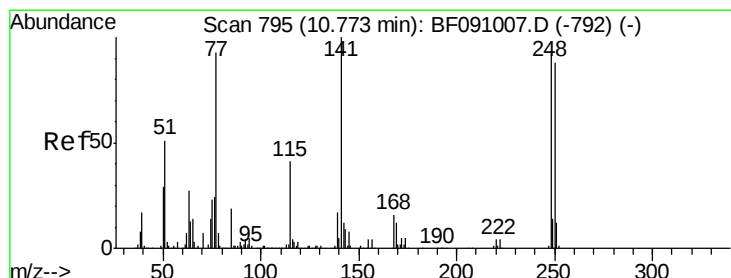
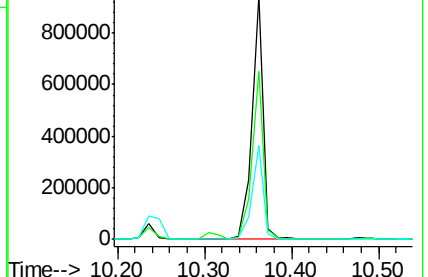
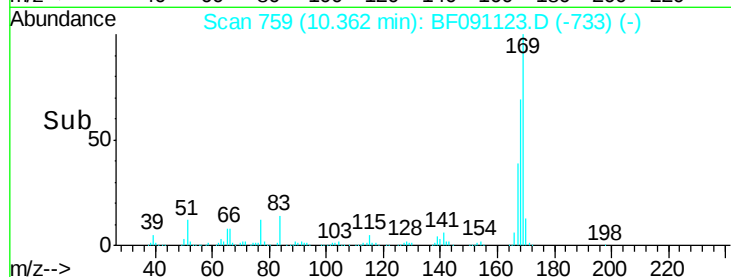
167 38.6 30.3 45.5



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: 41.30 ng

RT: 10.73 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

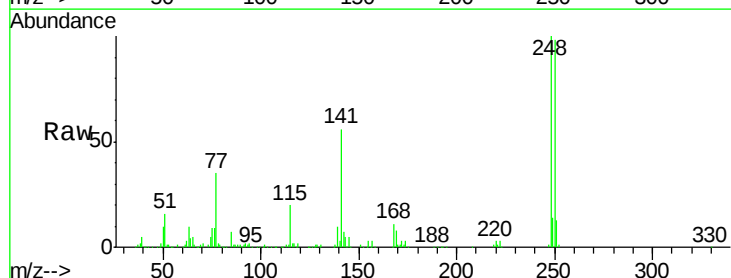
Tgt Ion:248 Resp: 267936

Ion Ratio Lower Upper

248 100

250 98.4 76.3 114.5

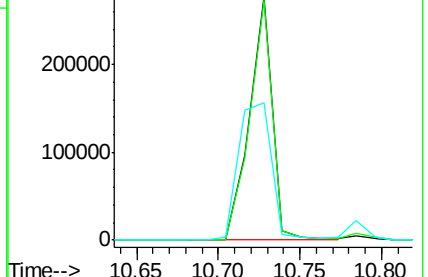
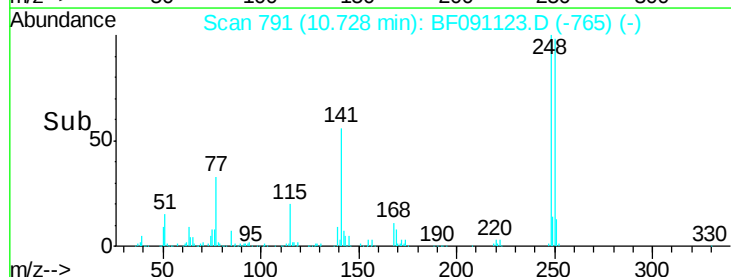
141 56.4 86.8 130.2#

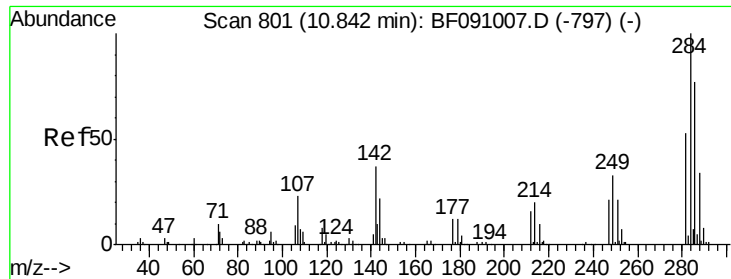


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

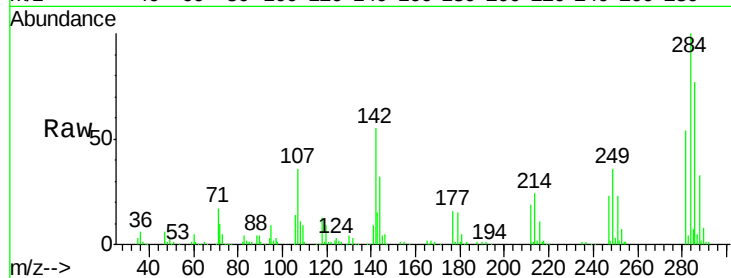




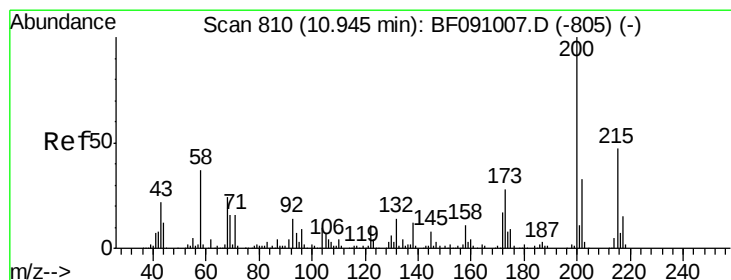
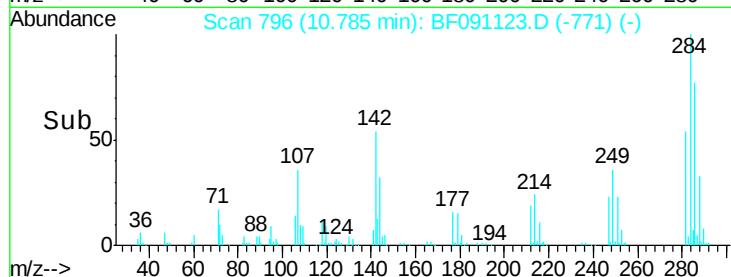
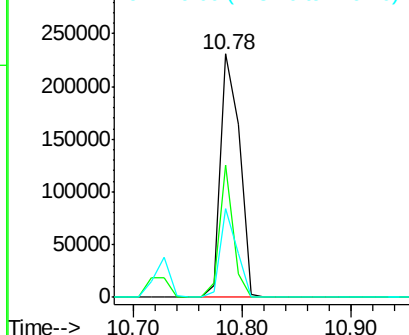
#67
Hexachlorobenzene
Concen: 39.45 ng
RT: 10.78 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 282288
Ion Ratio Lower Upper
284 100
142 54.5 29.9 44.9#
249 36.4 26.6 39.8

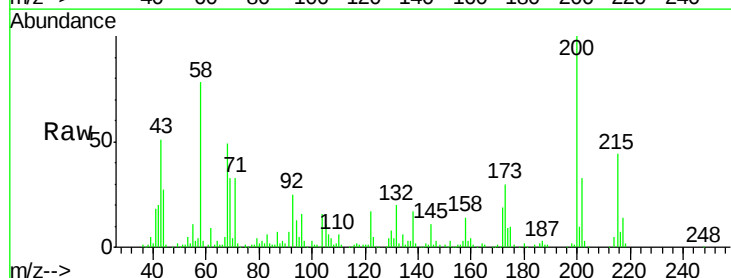


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

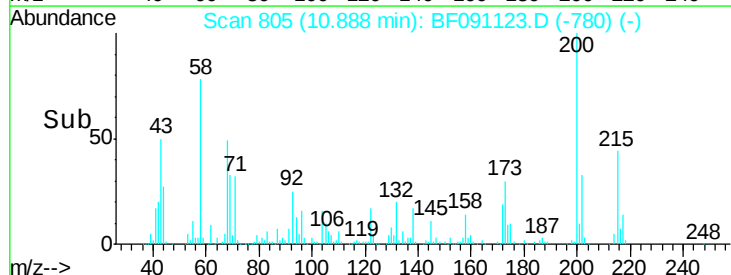
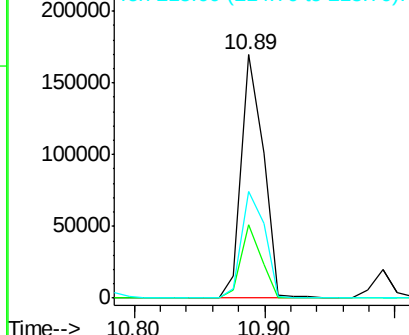


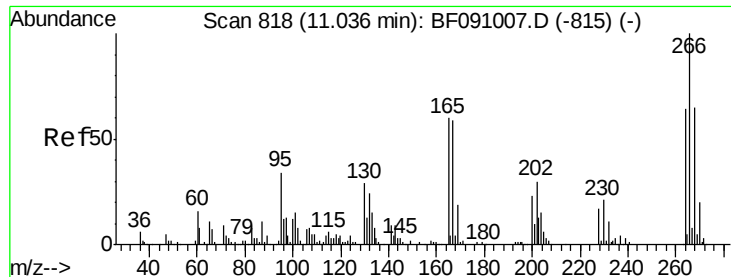
#68
Atrazine
Concen: 35.02 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion: 200 Resp: 200278
Ion Ratio Lower Upper
200 100
173 30.3 8.1 48.1
215 43.7 27.3 67.3



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

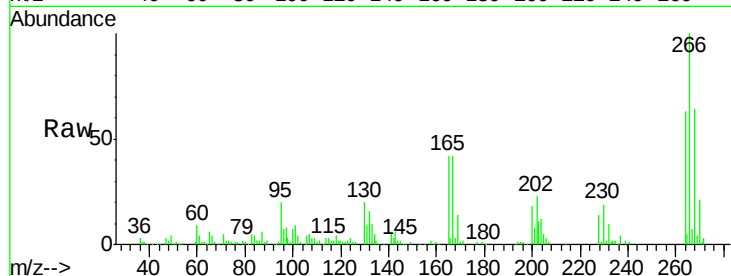




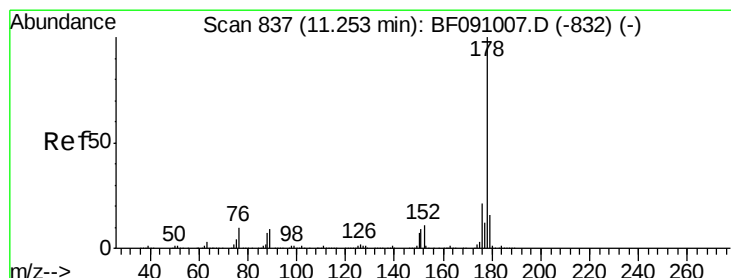
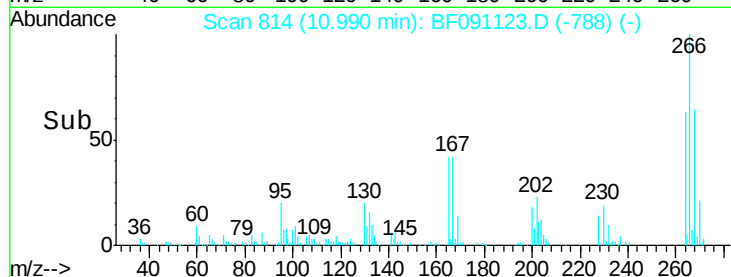
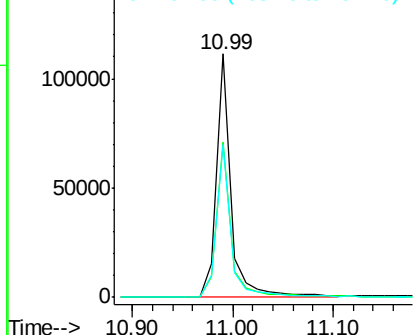
#69
 Pentachlorophenol
 Concen: 35.68 ng
 RT: 10.99 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 113075
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.1 78.1
 264 63.0 51.1 76.7

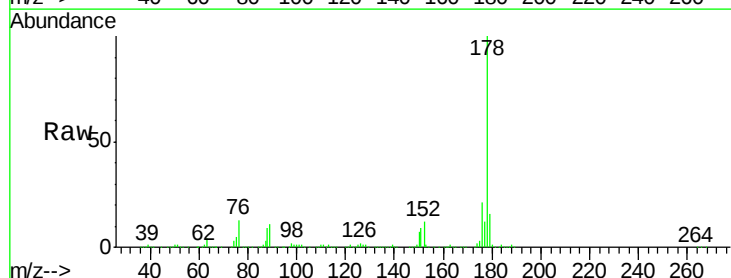


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

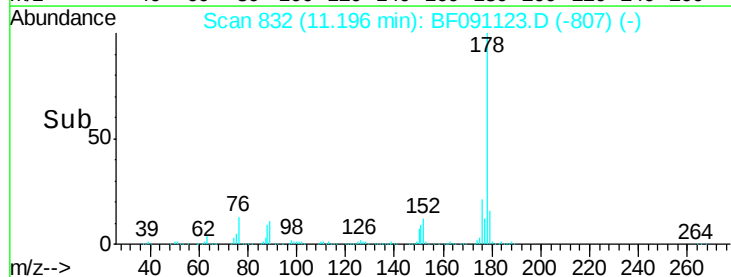
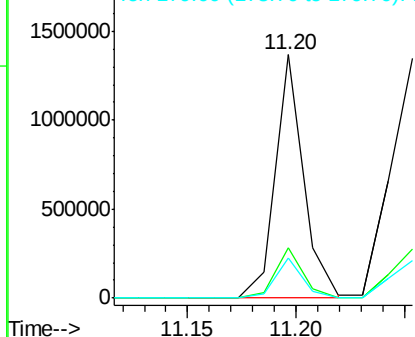


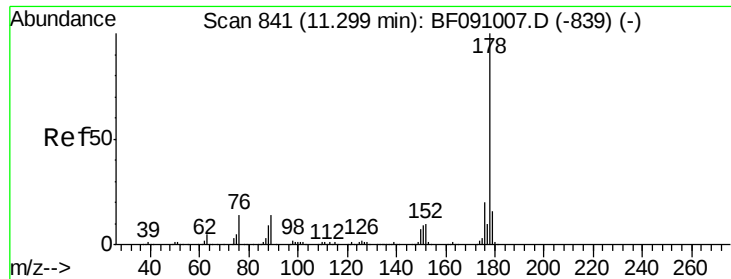
#70
 Phenanthrene
 Concen: 37.62 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:178 Resp: 1247344
 Ion Ratio Lower Upper
 178 100
 176 20.8 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

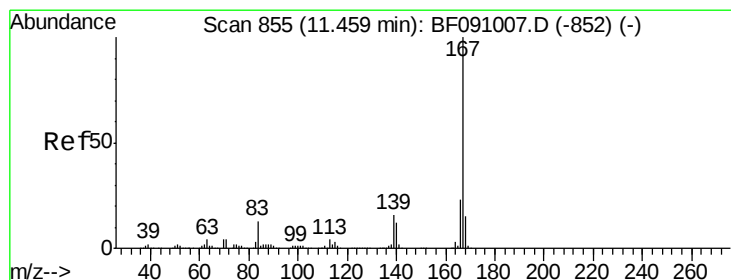
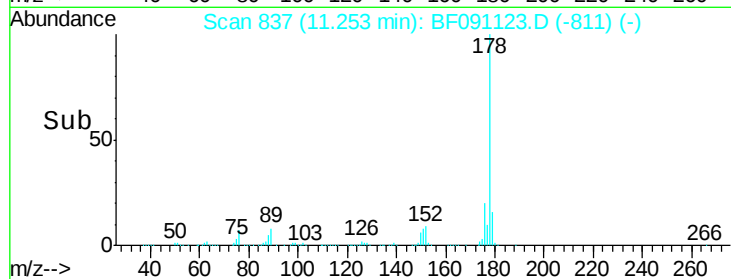
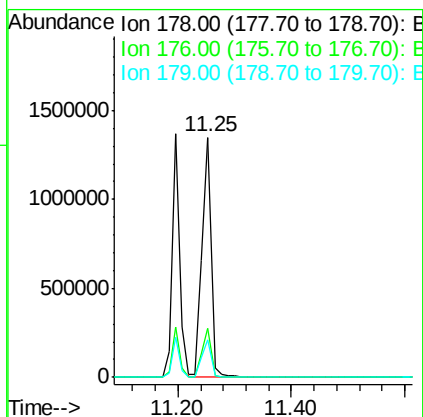
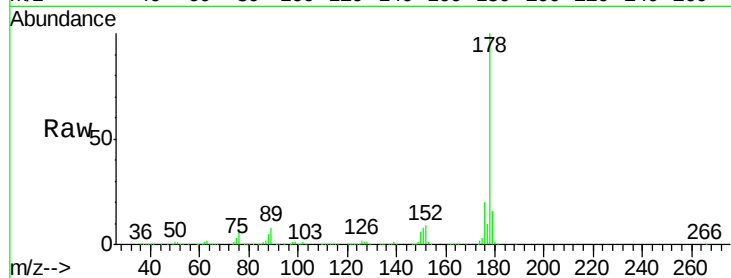




#71
 Anthracene
 Concen: 41.68 ng
 RT: 11.25 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

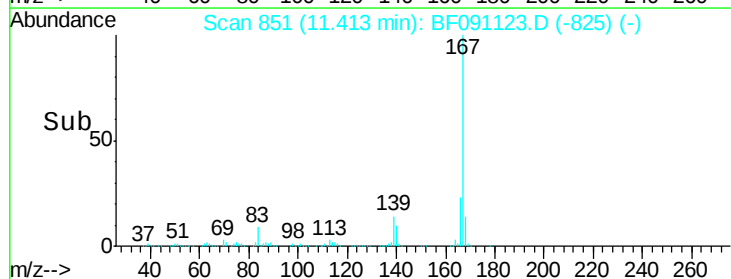
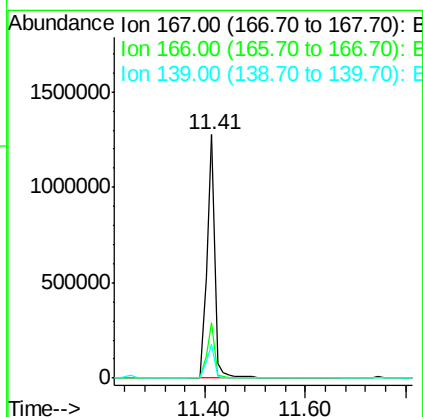
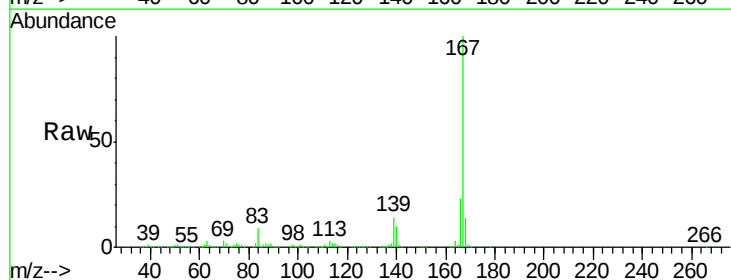
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

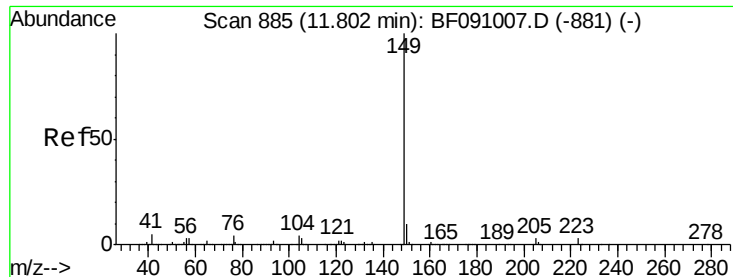
Tgt Ion:178 Resp: 1469083
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.9 13.0 19.6



#72
 Carbazole
 Concen: 43.12 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:167 Resp: 1369661
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.7 12.6 18.8





#73

Di-n-butylphthalate

Concen: 35.83 ng

RT: 11.74 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

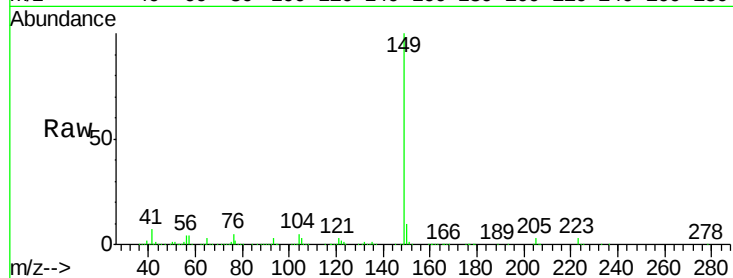
Tgt Ion:149 Resp: 1431449

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

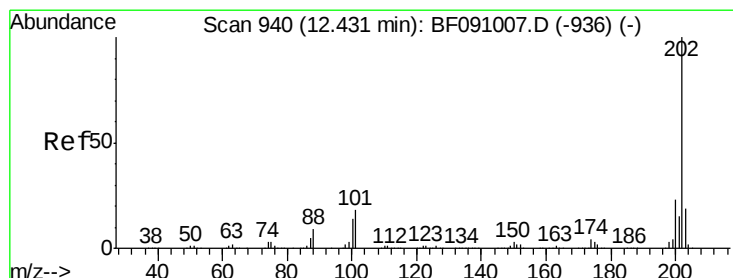
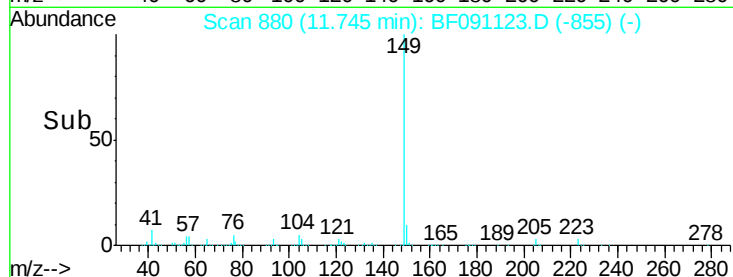
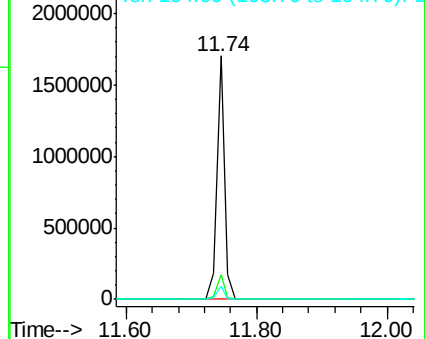
104 5.4 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.28 ng

RT: 12.38 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

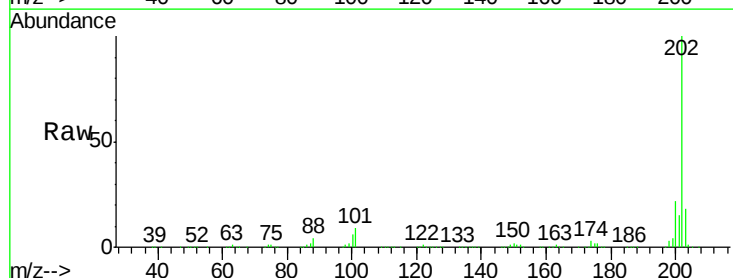
Tgt Ion:202 Resp: 1385112

Ion Ratio Lower Upper

202 100

101 8.5 0.0 37.6

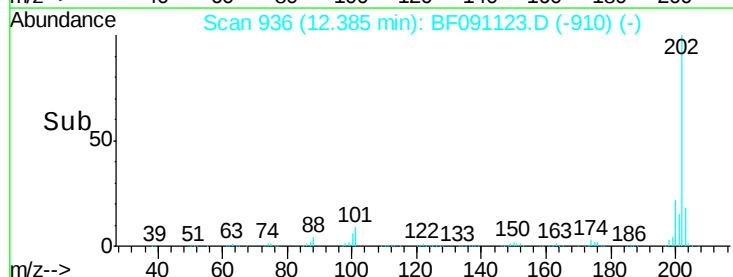
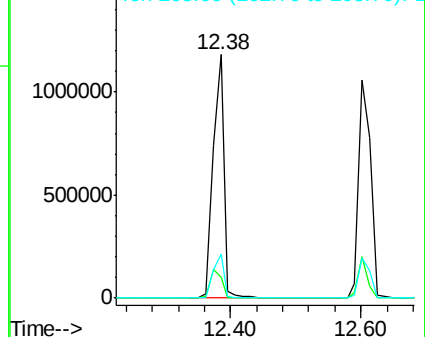
203 17.8 0.0 38.6

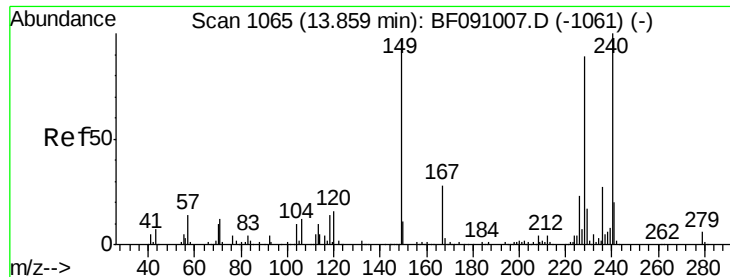


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

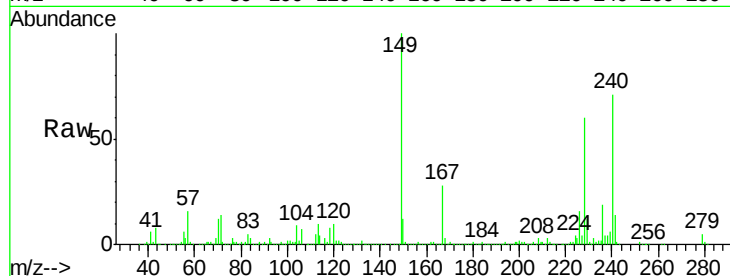
Tgt Ion:240 Resp: 486911

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

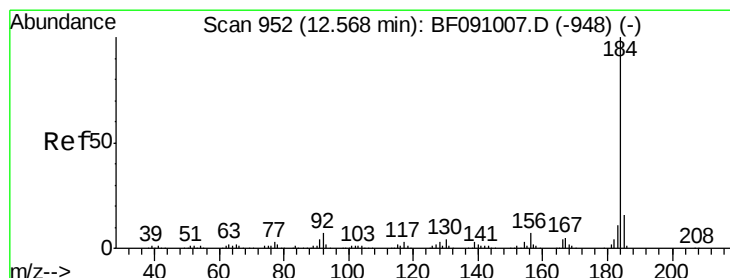
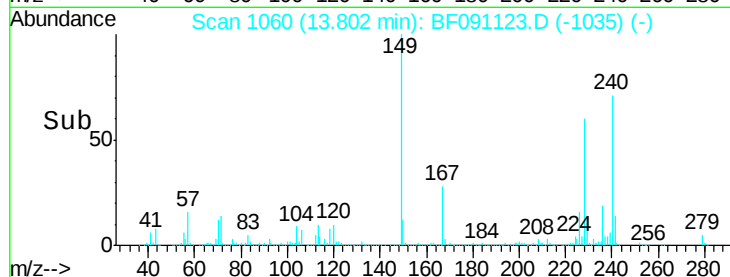
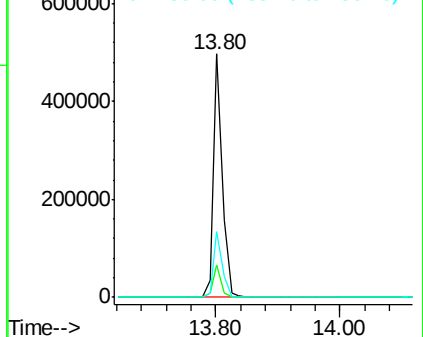
236 27.1 21.9 32.9



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: 34.46 ng

RT: 12.51 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

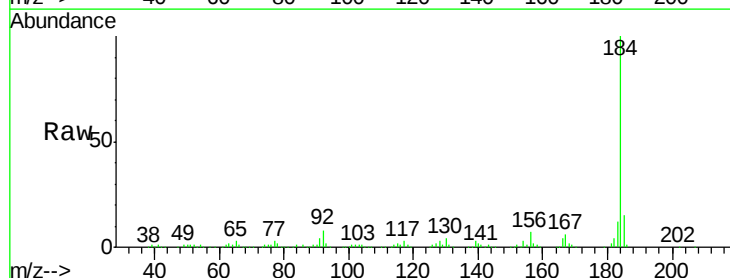
Tgt Ion:184 Resp: 374830

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.4

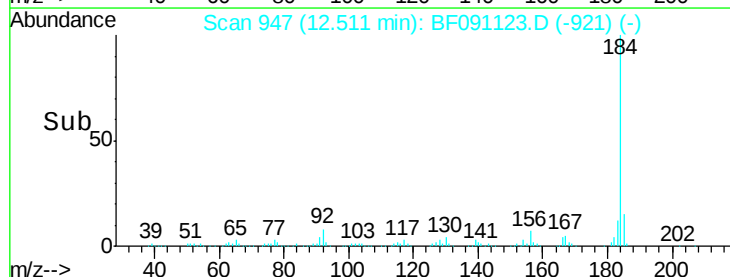
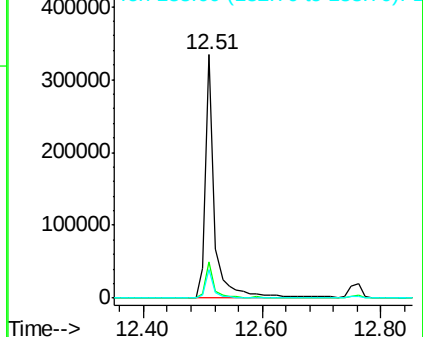
183 11.6 8.7 13.1

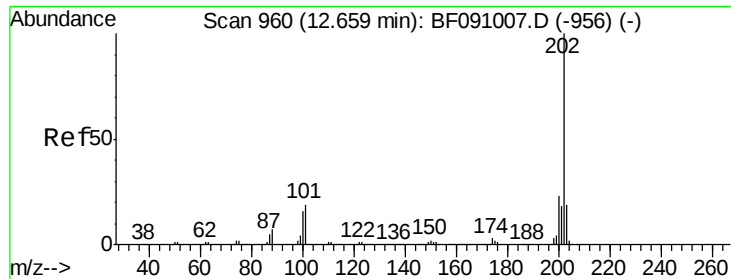


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

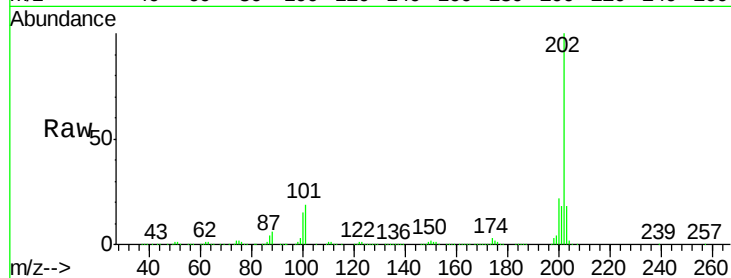




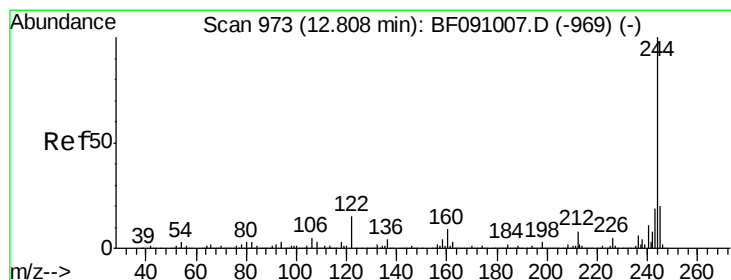
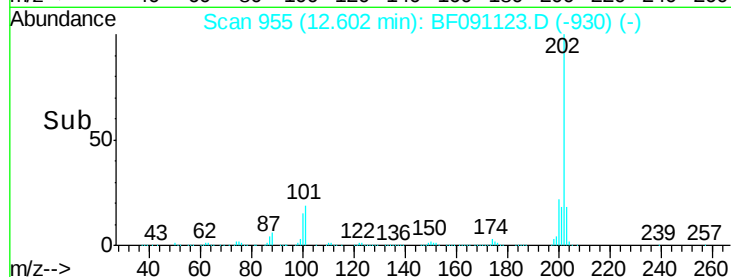
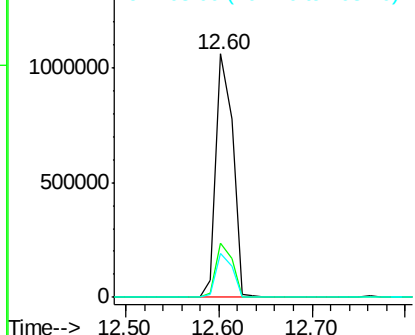
#77
 Pyrene
 Concen: 41.80 ng
 RT: 12.60 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1332920
 Ion Ratio Lower Upper
 202 100
 200 22.1 18.4 27.6
 203 18.2 15.0 22.6

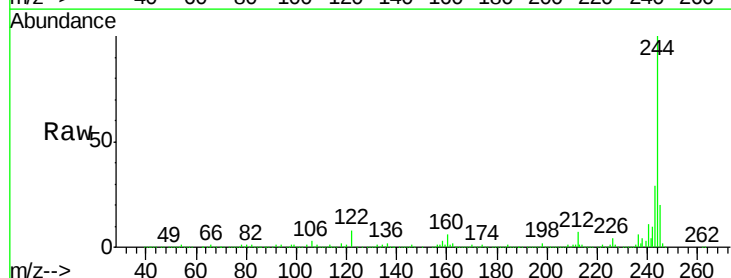


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

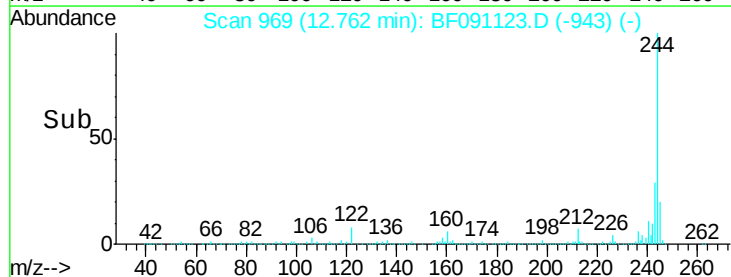
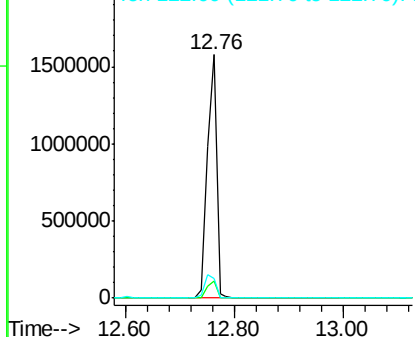


#78
 Terphenyl-d14
 Concen: 94.22 ng
 RT: 12.76 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion: 244 Resp: 1838444
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 8.0 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: 38.73 ng

RT: 13.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

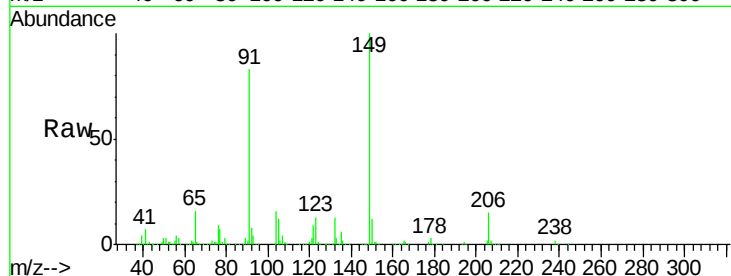
Tgt Ion:149 Resp: 590794

Ion Ratio Lower Upper

149 100

91 82.8 65.0 97.4

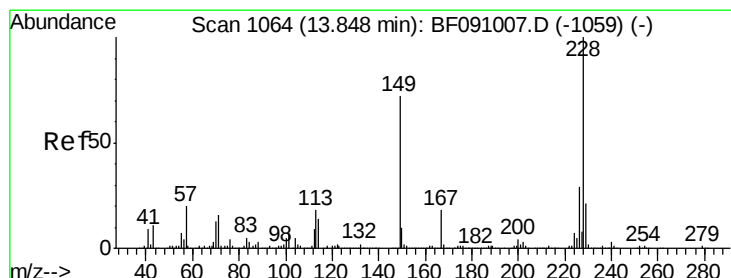
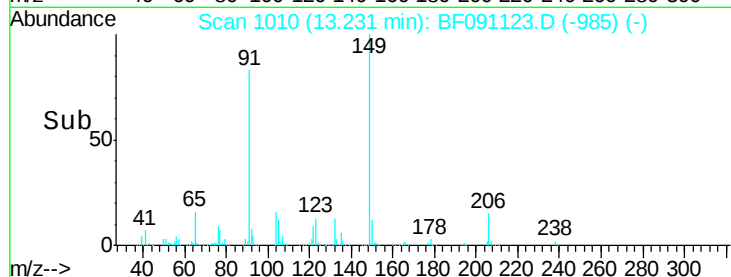
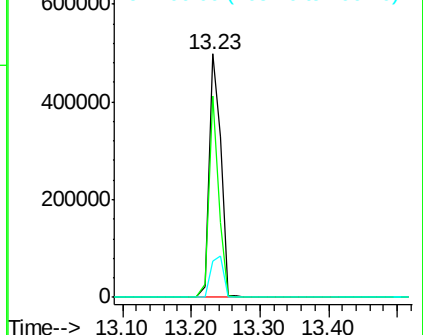
206 14.9 12.5 18.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.31 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

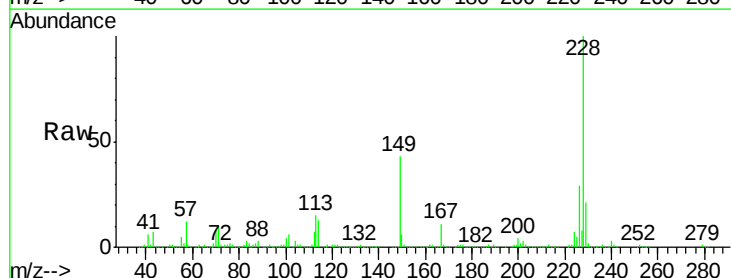
Tgt Ion:228 Resp: 1114355

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

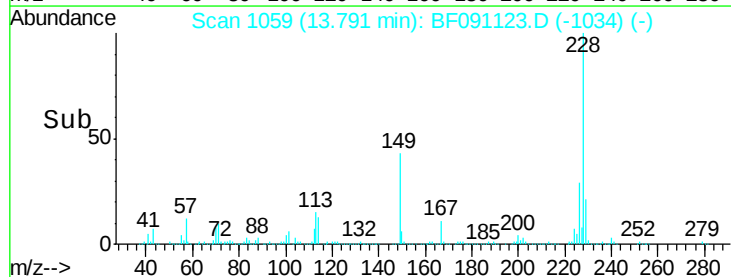
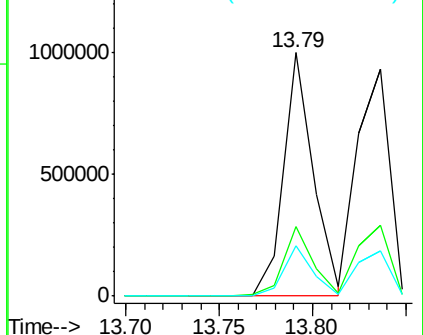
229 20.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

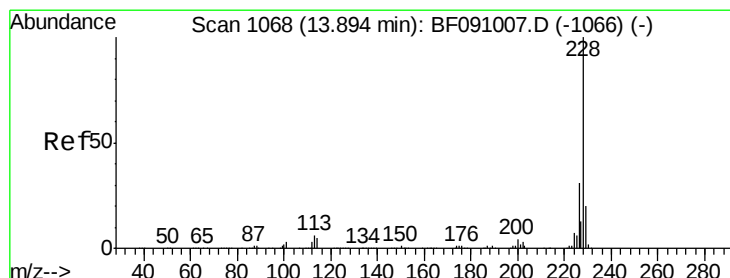
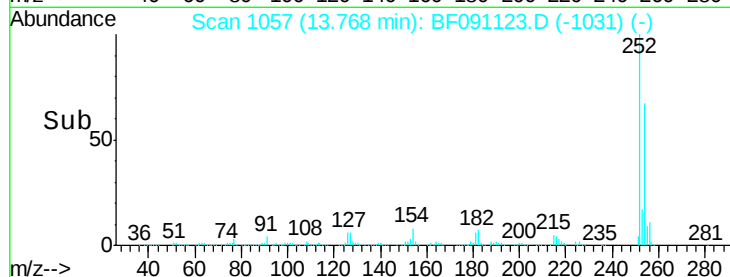
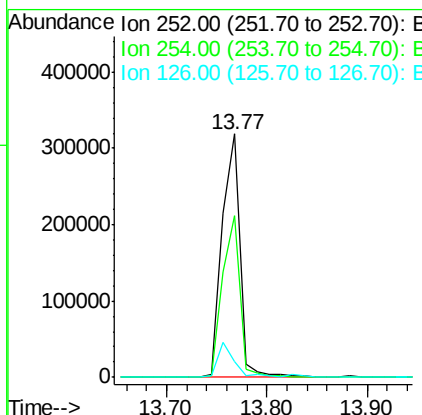
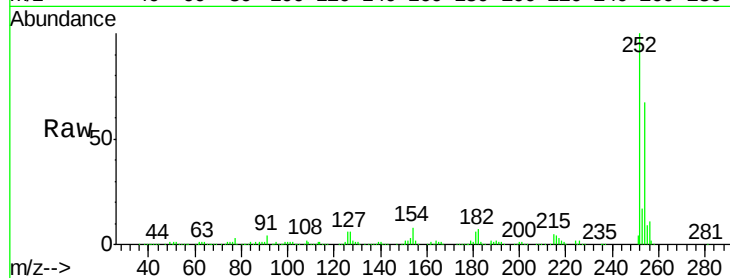




#81
 3,3'-Dichlorobenzidine
 Concen: 40.76 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

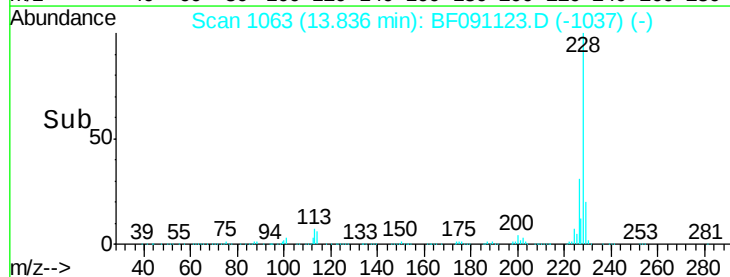
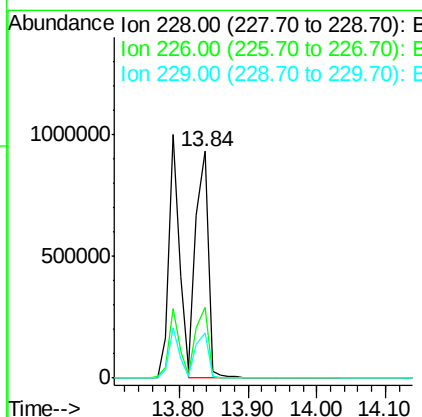
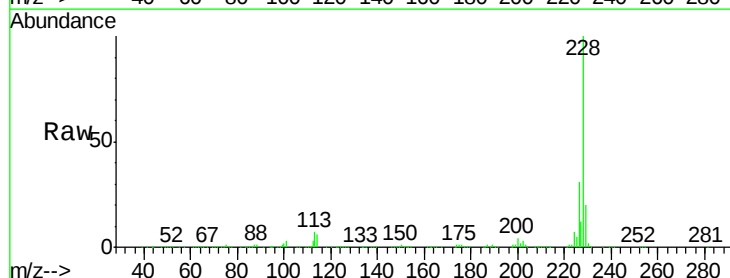
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

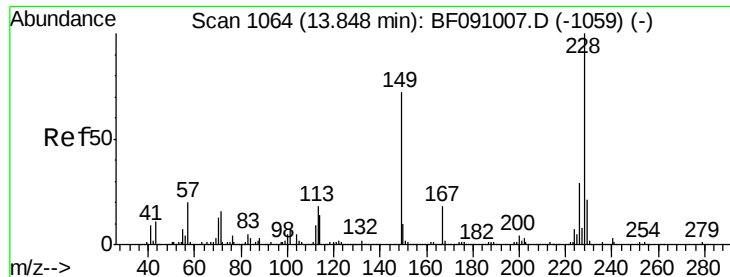
Tgt Ion:252 Resp: 395924
 Ion Ratio Lower Upper
 252 100
 254 66.6 52.0 78.0
 126 6.5 5.4 8.2



#82
 Chrysene
 Concen: 41.87 ng
 RT: 13.84 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:228 Resp: 1141311
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 19.8 15.9 23.9

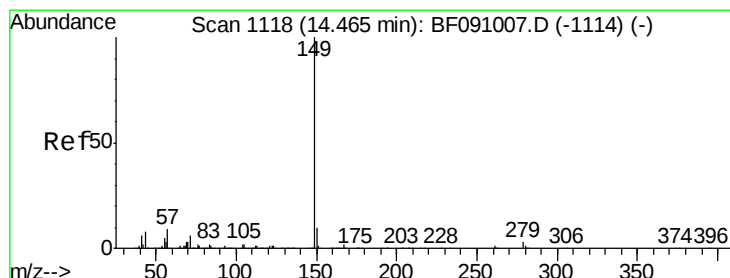
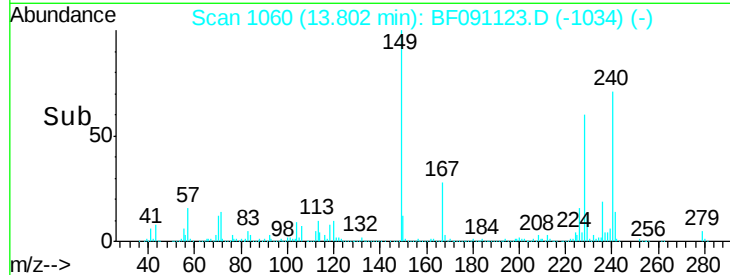
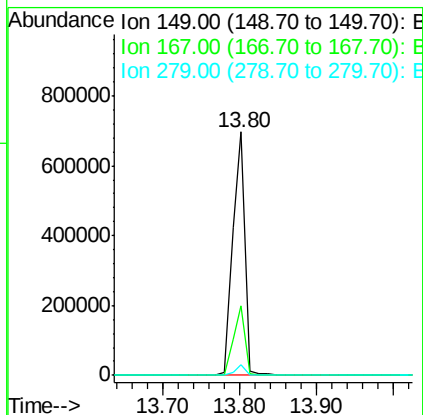
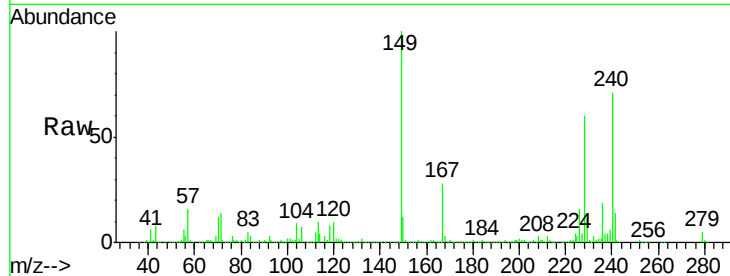




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.43 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

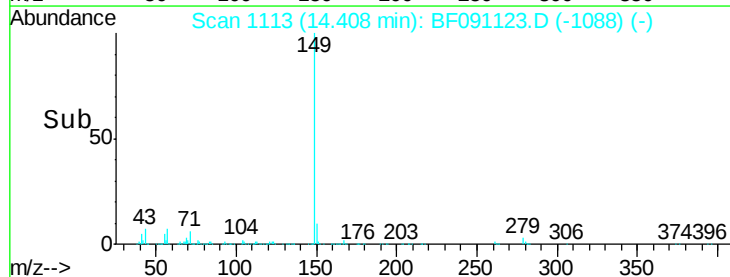
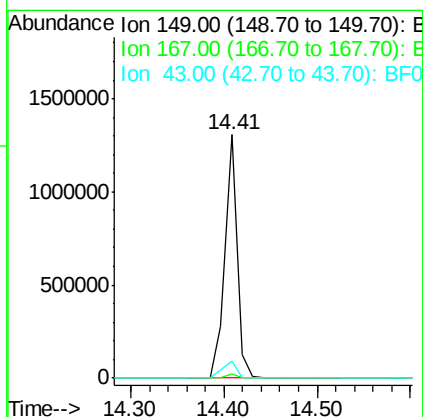
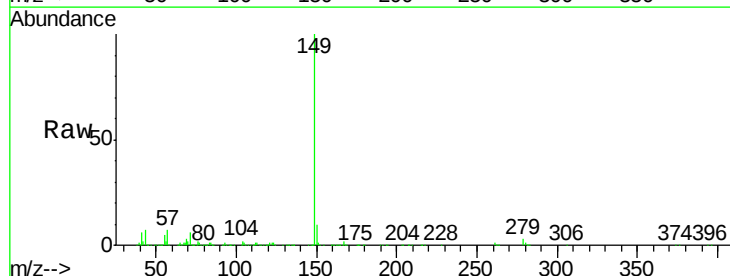
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

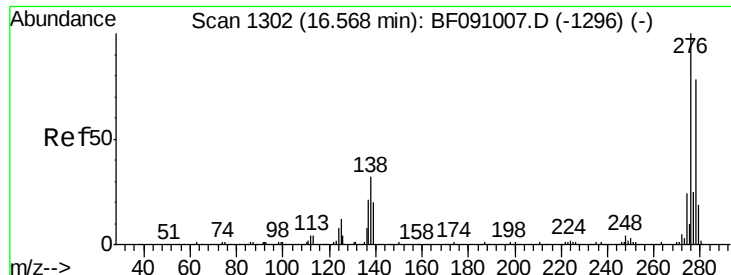
Tgt Ion:149 Resp: 793272
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.4 30.6
 279 4.6 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 35.00 ng
 RT: 14.41 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion:149 Resp: 1187760
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.4 8.2 12.4

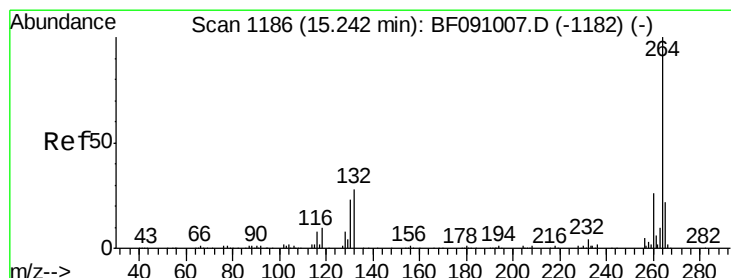
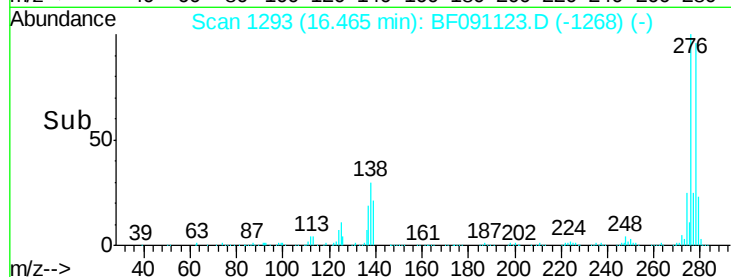
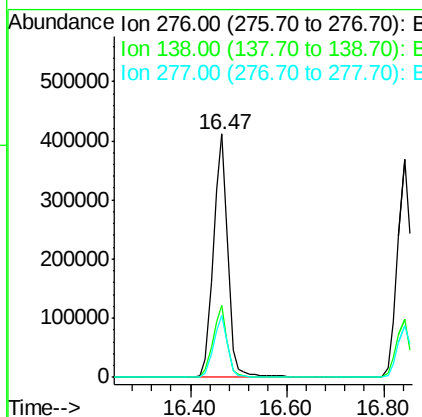
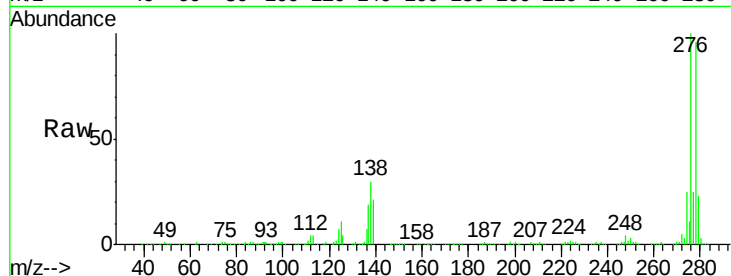




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.56 ng
 RT: 16.47 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

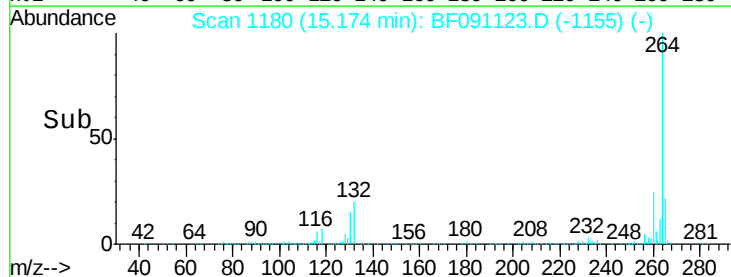
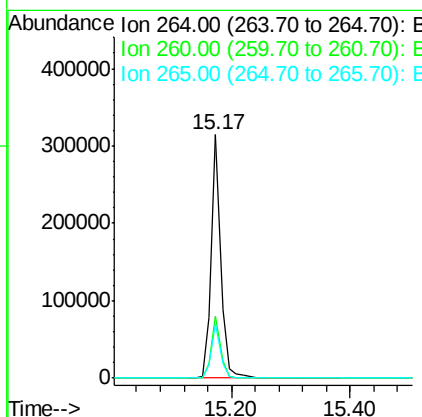
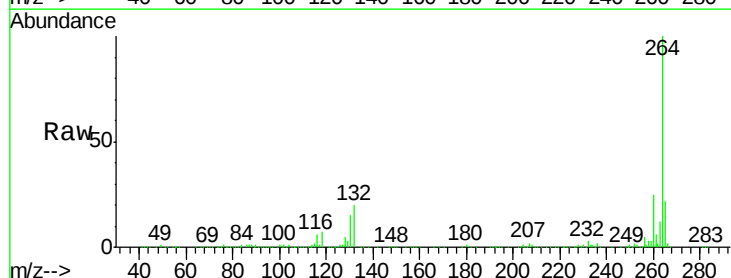
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

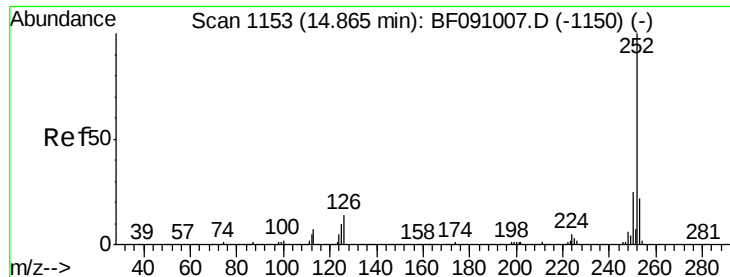
Tgt Ion: 276 Resp: 872169
 Ion Ratio Lower Upper
 276 100
 138 29.4 26.0 39.0
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091123.D
 Acq: 9 Nov 2016 13:58

Tgt Ion: 264 Resp: 352032
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 22.4 17.8 26.8

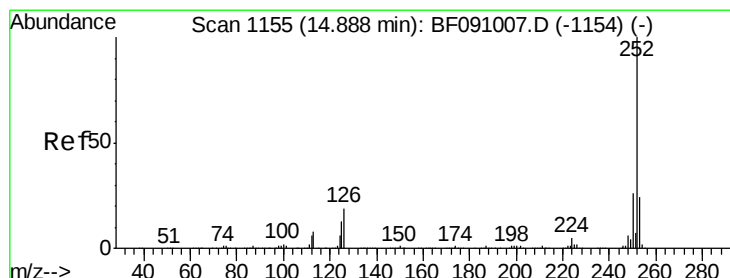
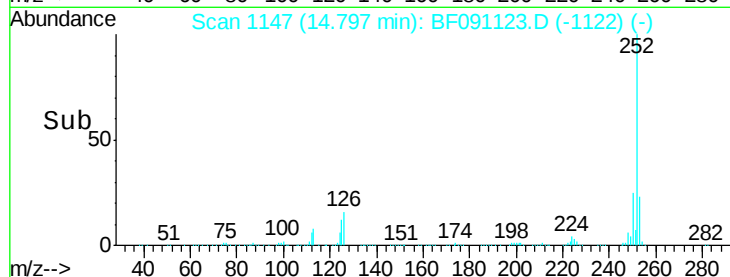
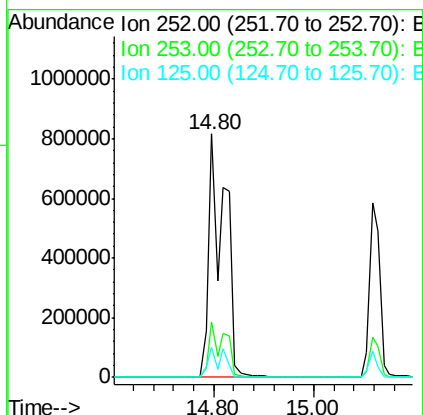
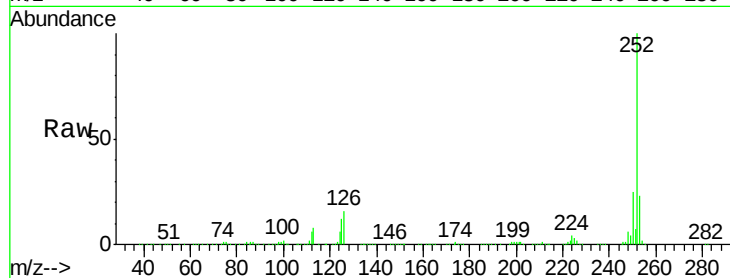




#87
Benzo(b)fluoranthene
Concen: 76.36 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

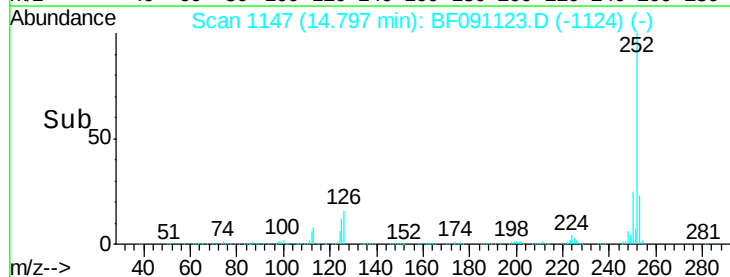
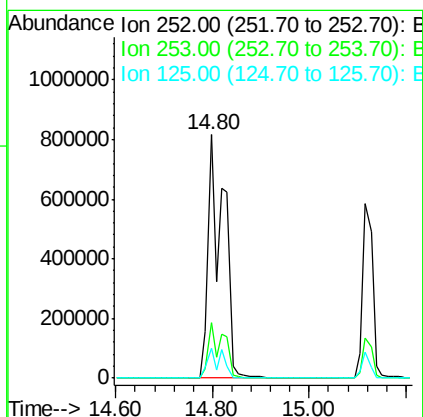
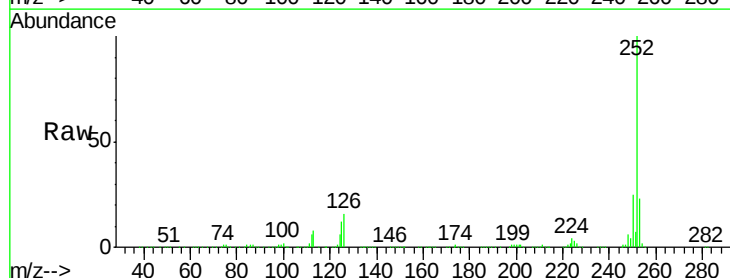
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

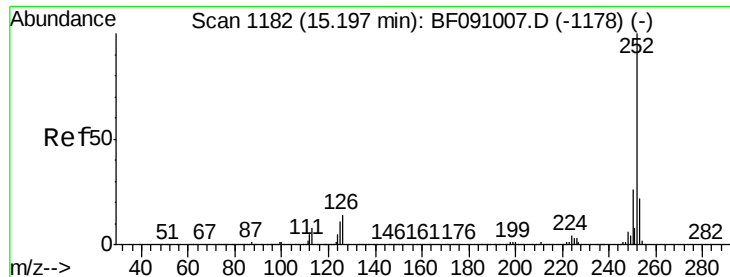
Tgt Ion:252 Resp: 1823089
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 12.0 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 87.07 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF091123.D
Acq: 9 Nov 2016 13:58

Tgt Ion:252 Resp: 1823640
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 12.0 11.2 16.8





#89

Benzo(a)pyrene

Concen: 40.65 ng

RT: 15.12 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

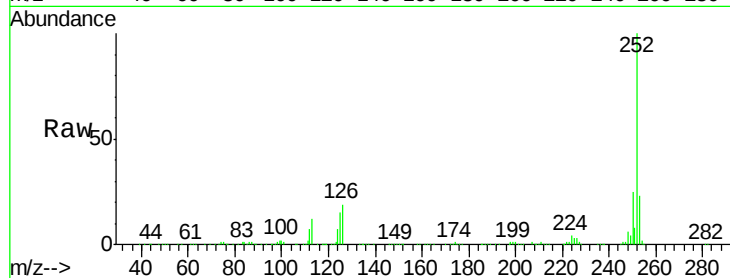
Tgt Ion: 252 Resp: 845032

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

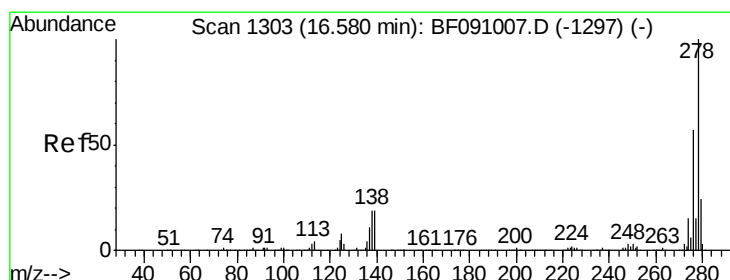
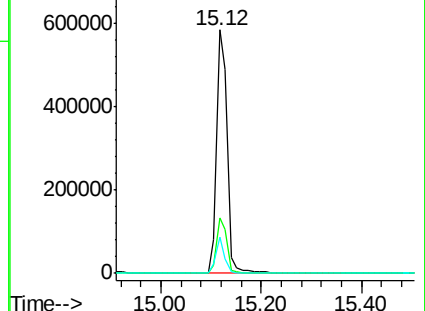
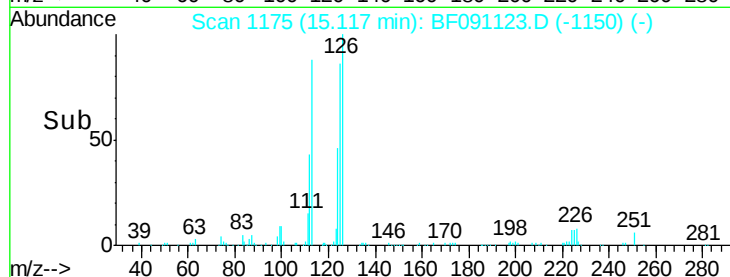
125 14.8 8.6 13.0#



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: 42.15 ng

RT: 16.48 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF091123.D

Acq: 9 Nov 2016 13:58

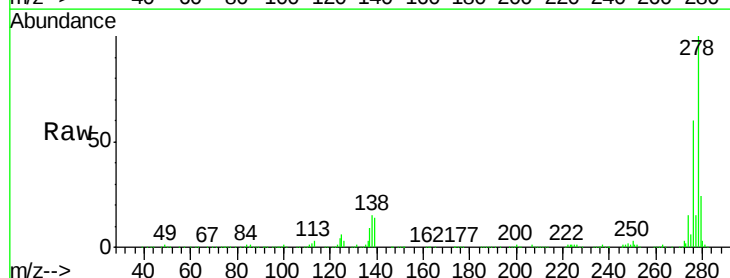
Tgt Ion: 278 Resp: 757431

Ion Ratio Lower Upper

278 100

139 14.0 15.3 22.9#

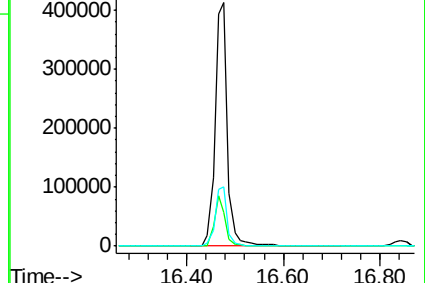
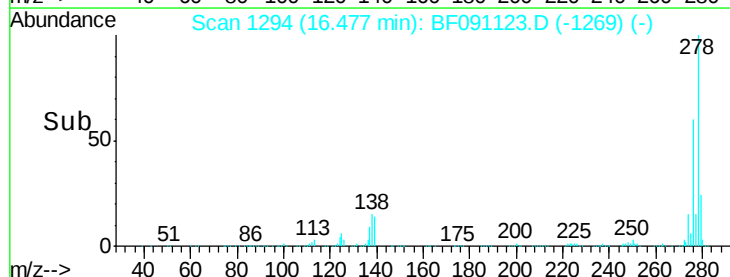
279 24.3 19.3 28.9

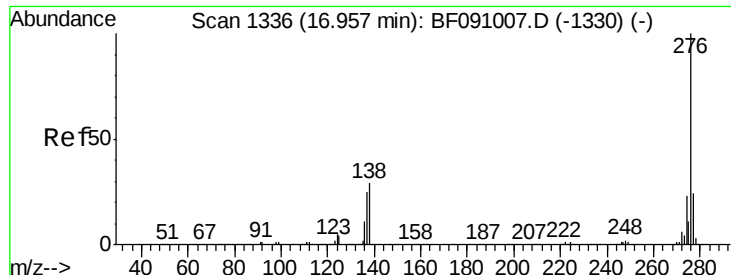


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.54 ng

RT: 16.84 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF091123.D

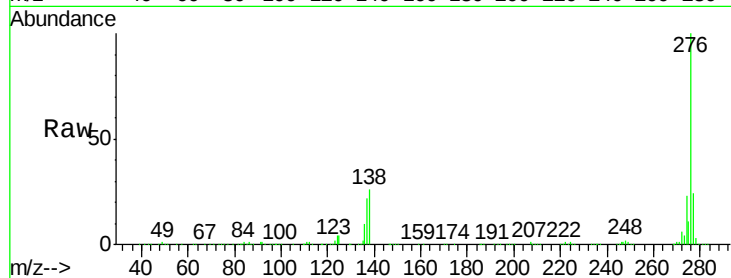
Acq: 9 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



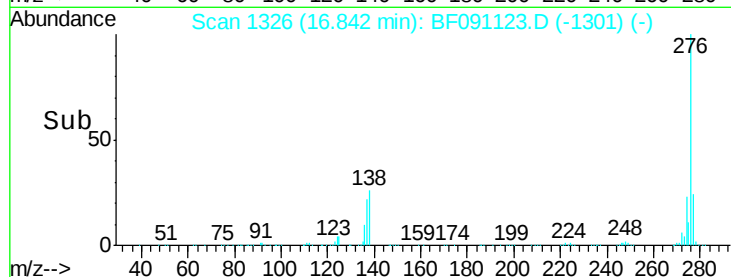
Tgt Ion: 276 Resp: 723717

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 26.3 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

16.84

400000

300000

200000

100000

0

Time--> 16.60 16.80 17.00 17.20