

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
 Data File : BF091164.D
 Acq On : 14 Nov 2016 15:10
 Operator : UM/SJ
 Sample : PB94712BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

Quant Time: Nov 15 00:21:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181107	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	778970	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	421437	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	643212	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	536524	20.00	ng	-0.03
86) Perylene-d12	15.15	264	471059	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1297784	118.35	ng	-0.01
7) Phenol-d6	6.29	99	1757151	118.05	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1084055	75.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	465517	122.18	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1892763	77.32	ng	-0.03
78) Terphenyl-d14	12.74	244	2004715	93.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	183605	29.27	ng	# 94
3) Pyridine	2.82	79	533694	36.37	ng	97
4) n-Nitrosodimethylamine	2.78	42	205702	35.44	ng	83
6) Aniline	6.30	93	405735	23.11	ng	# 48
8) 2-Chlorophenol	6.42	128	513211	39.23	ng	99
9) Benzaldehyde	6.19	77	48111	5.82	ng	97
10) Phenol	6.30	94	535775	32.53	ng	89
11) bis(2-Chloroethyl)ether	6.38	93	551421	39.73	ng	87
12) 1,3-Dichlorobenzene	6.81	146	512405	38.73	ng	99
13) 1,4-Dichlorobenzene	6.81	146	518904	36.56	ng	97
14) 1,2-Dichlorobenzene	6.81	146	530235	40.70	ng	98
15) Benzyl Alcohol	6.80	79	424494	40.43	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.93	45	654863	32.95	ng	91
17) 2-Methylphenol	6.92	107	418110	40.38	ng	95
18) Hexachloroethane	7.14	117	206564	37.60	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	414014	40.14	ng	# 88
20) 3+4-Methylphenols	7.07	107	549174	44.17	ng	89
22) Acetophenone	7.06	105	744176	41.49	ng	# 94
24) Nitrobenzene	7.23	77	612627	38.85	ng	97
25) Isophorone	7.47	82	1071328	38.93	ng	99
26) 2-Nitrophenol	7.55	139	287058	43.01	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	443073	40.14	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	667544	44.41	ng	99
29) 2,4-Dichlorophenol	7.79	162	405779	42.12	ng	94
30) 1,2,4-Trichlorobenzene	7.87	180	465865	43.01	ng	99
31) Naphthalene	7.95	128	1468310	39.41	ng	99
32) Benzoic acid	7.76	122	251441	31.19	ng	99
33) 4-Chloroaniline	8.01	127	224336	14.48	ng	96
34) Hexachlorobutadiene	8.06	225	253459	43.36	ng	98
35) Caprolactam	8.38	113	72151	23.84	ng	92
36) 4-Chloro-3-methylphenol	8.51	107	497552	42.67	ng	92
37) 2-Methylnaphthalene	8.64	142	955618	39.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468052	43.56	ng	99
40) Hexachlorocyclopentadiene	8.80	237	369661	87.95	ng	98

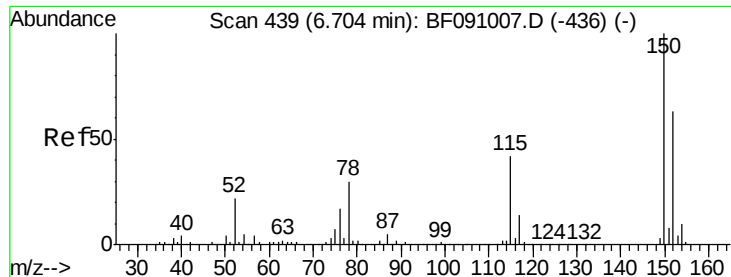
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
 Data File : BF091164.D
 Acq On : 14 Nov 2016 15:10
 Operator : UM/SJ
 Sample : PB94712BS
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Quant Time: Nov 15 00:21:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	8.93	196	284921	41.08	ng	95
43) 2,4,5-Trichlorophenol	8.98	196	308978	42.43	ng	95
45) 1,1'-Biphenyl	9.10	154	1220470	39.66	ng	98
46) 2-Chloronaphthalene	9.13	162	994486	42.57	ng	97
47) 2-Nitroaniline	9.23	65	319545	36.85	ng	94
48) Acenaphthylene	9.54	152	1442215	39.61	ng	99
49) Dimethylphthalate	9.41	163	1094759	39.62	ng	100
50) 2,6-Dinitrotoluene	9.48	165	253309	42.77	ng	# 53
51) Acenaphthene	9.71	154	902843	39.50	ng	99
52) 3-Nitroaniline	9.64	138	140061	19.94	ng	94
53) 2,4-Dinitrophenol	9.76	184	226235	70.90	ng	# 65
54) Dibenzofuran	9.88	168	1242377	40.38	ng	98
55) 4-Nitrophenol	9.84	139	352238	75.65	ng	# 79
56) 2,4-Dinitrotoluene	9.88	165	314678	41.76	ng	# 77
57) Fluorene	10.22	166	1082975	43.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	274845	48.17	ng	98
59) Diethylphthalate	10.11	149	1100507	38.84	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	483342	42.22	ng	# 77
61) 4-Nitroaniline	10.26	138	263291	37.06	ng	94
62) Azobenzene	10.37	77	1272155	38.14	ng	85
64) 4,6-Dinitro-2-methylphenol	10.29	198	182533	46.34	ng	# 64
65) n-Nitrosodiphenylamine	10.34	169	871518	42.63	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	320395	47.89	ng	# 81
67) Hexachlorobenzene	10.77	284	354954	48.10	ng	# 82
68) Atrazine	10.88	200	277600	47.07	ng	99
69) Pentachlorophenol	10.97	266	306371	93.74	ng	99
70) Phenanthrene	11.17	178	1419944	41.53	ng	99
71) Anthracene	11.23	178	1525420	41.96	ng	100
72) Carbazole	11.39	167	1333338	40.70	ng	98
73) Di-n-butylphthalate	11.72	149	1675167	40.66	ng	99
74) Fluoranthene	12.36	202	1605030	45.26	ng	92
76) Benzidine	12.49	184	512342	42.74	ng	98
77) Pyrene	12.59	202	1598962	45.51	ng	98
79) Butylbenzylphthalate	13.22	149	759669	45.20	ng	# 73
80) Benzo(a)anthracene	13.77	228	1322081	43.40	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	245004	22.89	ng	99
82) Chrysene	13.81	228	1442662	48.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	940659	41.36	ng	# 94
84) Di-n-octyl phthalate	14.39	149	1613386	43.14	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1117643	44.84	ng	96
87) Benzo(b)fluoranthene	14.81	252	2554135	79.94	ng	# 96
88) Benzo(k)fluoranthene	14.81	252	2556227	91.21	ng	# 92
89) Benzo(a)pyrene	15.09	252	1140145	40.99	ng	# 97
90) Dibenzo(a,h)anthracene	16.43	278	952636	39.62	ng	100
91) Benzo(g,h,i)perylene	16.80	276	868518	39.94	ng	100

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

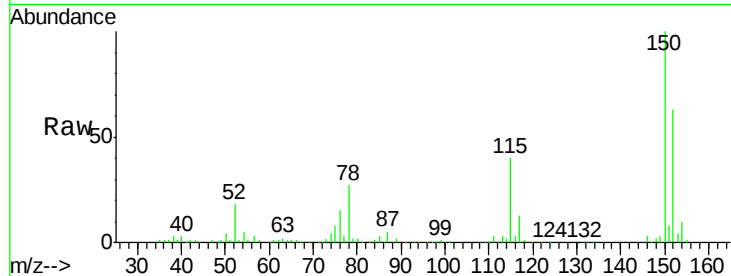


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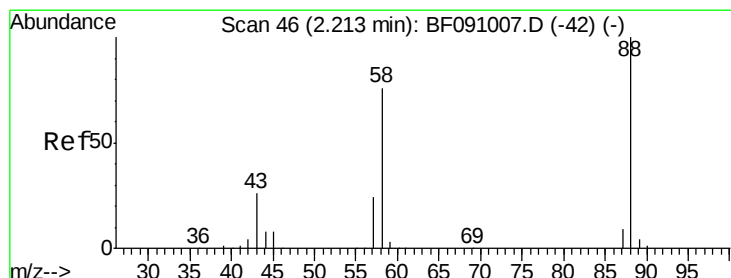
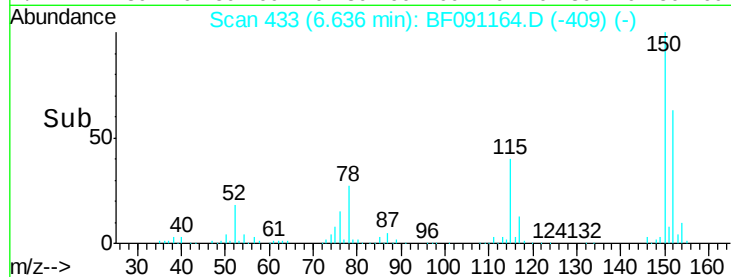
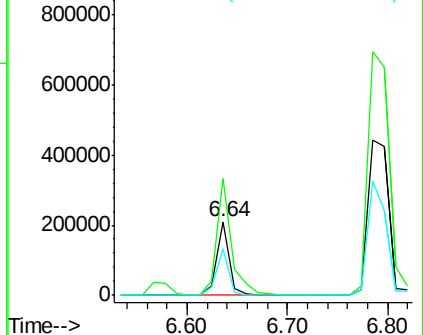
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion:152 Resp: 181107
Ion Ratio Lower Upper
152 100
150 158.4 126.8 190.2
115 63.3 53.3 79.9



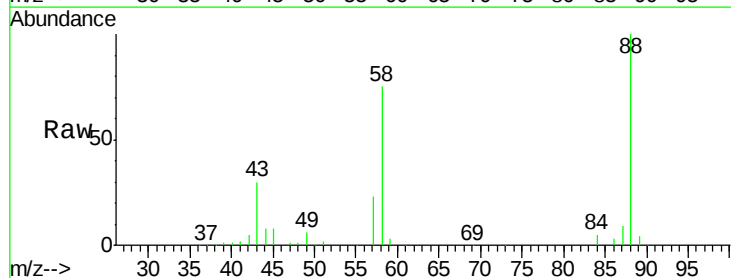
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



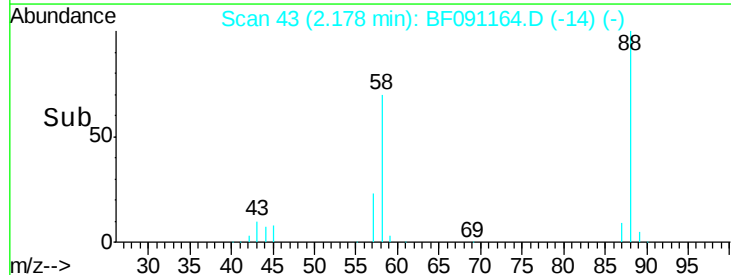
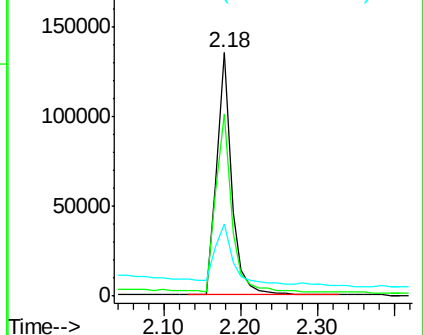
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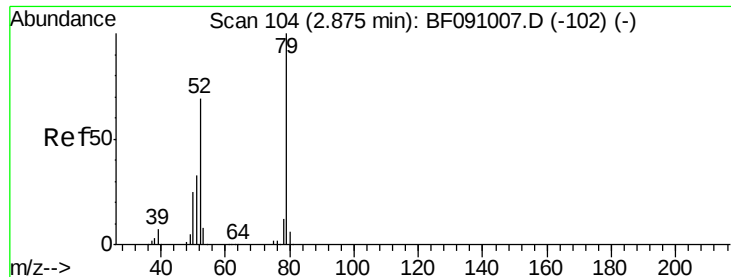
1,4-Dioxane
Concen: 29.27 ng
RT: 2.18 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 88 Resp: 183605
Ion Ratio Lower Upper
88 100
58 82.2 63.8 95.6
43 36.1 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: 36.37 ng

RT: 2.82 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

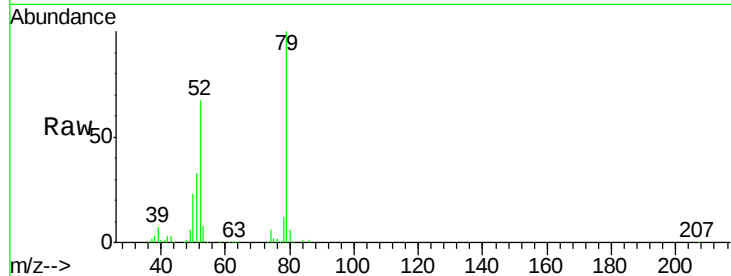
Tgt Ion: 79 Resp: 533694

Ion Ratio Lower Upper

79 100

52 66.8 55.4 83.0

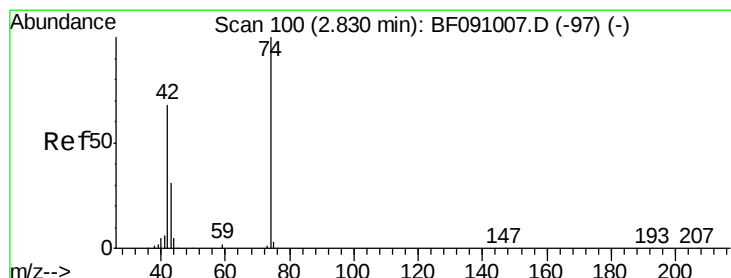
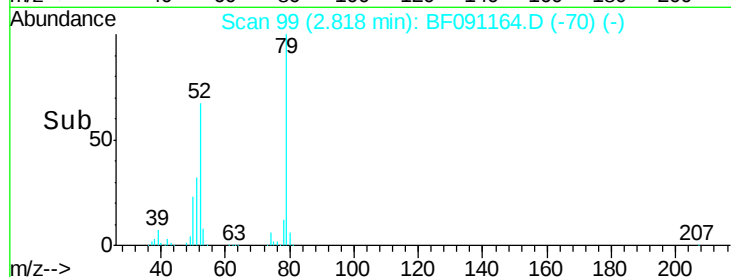
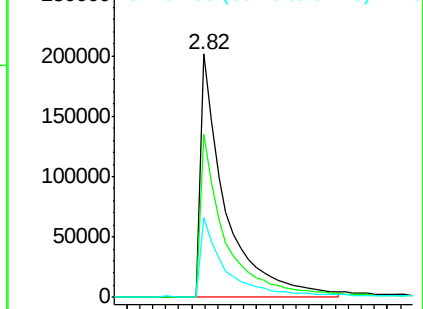
51 32.9 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.44 ng

RT: 2.78 min Scan# 96

Delta R.T. 0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

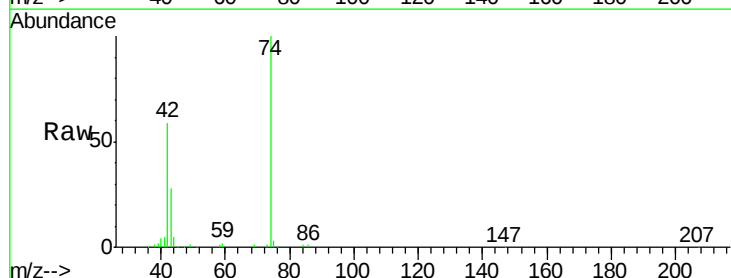
Tgt Ion: 42 Resp: 205702

Ion Ratio Lower Upper

42 100

74 168.6 117.3 175.9

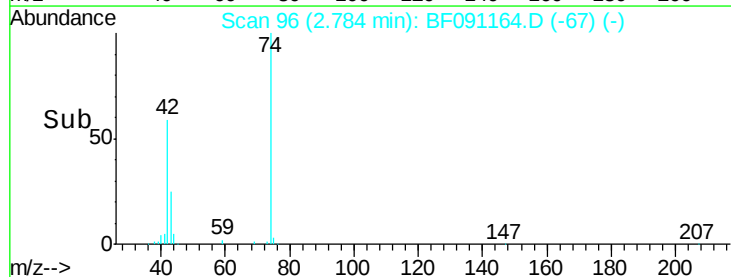
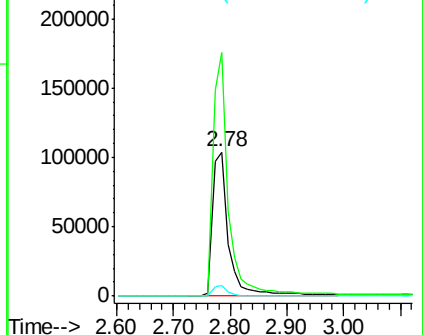
44 7.7 5.8 8.8

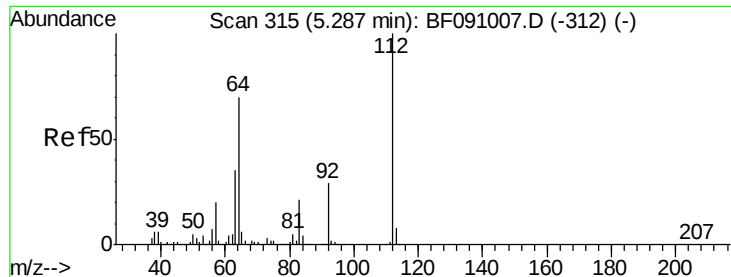


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.35 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

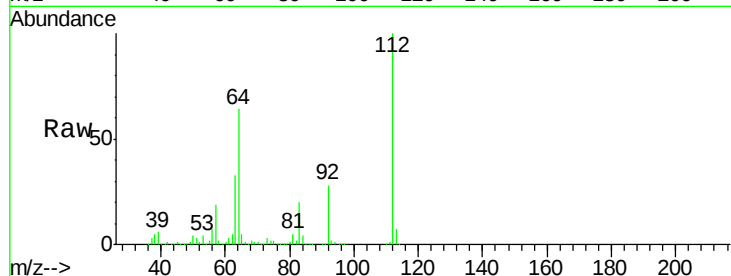
Tgt Ion:112 Resp: 1297784

Ion Ratio Lower Upper

112 100

64 63.9 55.8 83.6

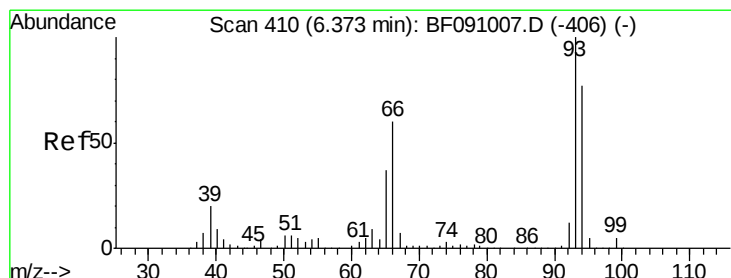
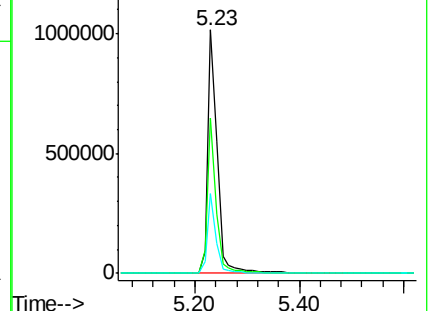
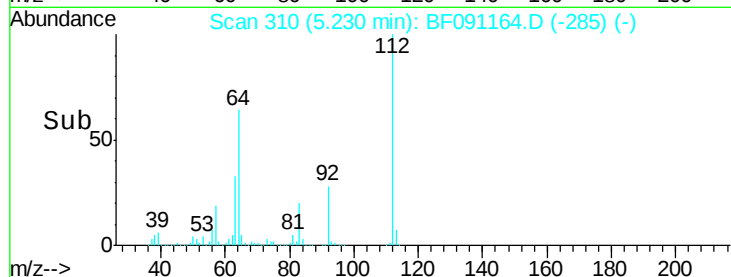
63 32.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.11 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

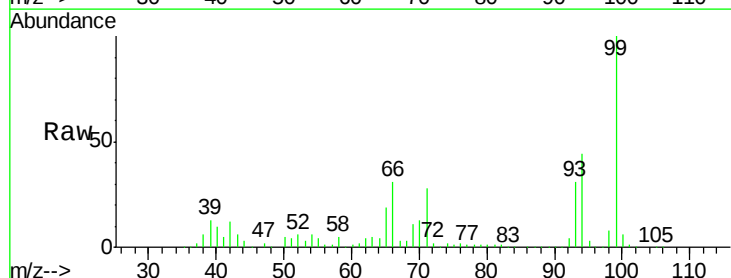
Tgt Ion: 93 Resp: 405735

Ion Ratio Lower Upper

93 100

66 102.7 48.2 72.2#

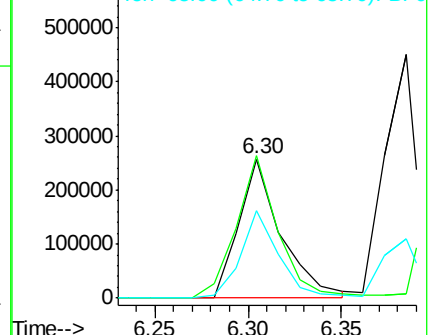
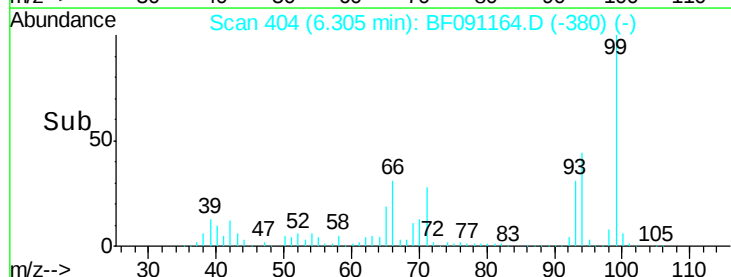
65 62.8 29.4 44.0#

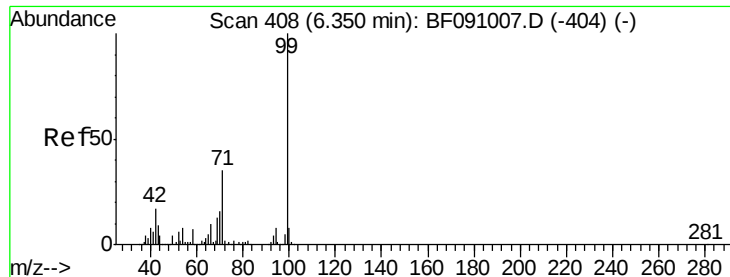


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.05 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

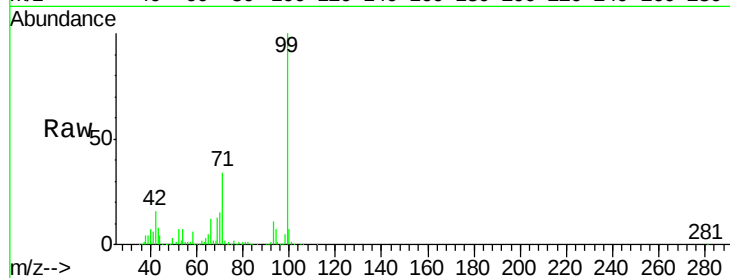
Tgt Ion: 99 Resp: 1757151

Ion Ratio Lower Upper

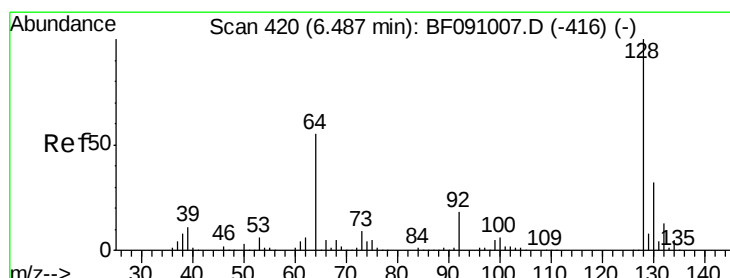
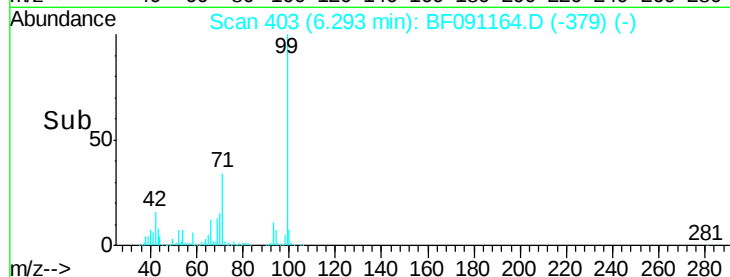
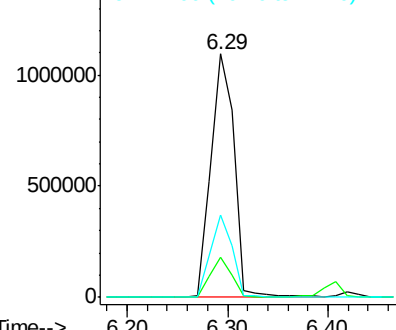
99 100

42 16.4 13.9 20.9

71 33.8 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.23 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

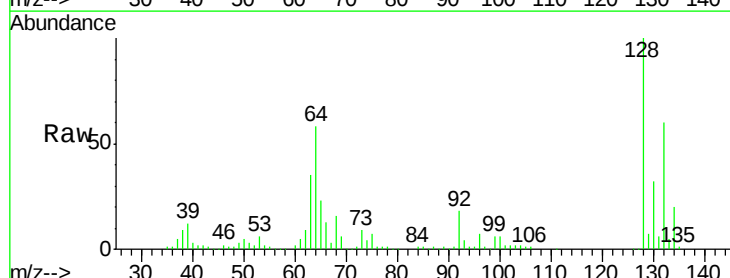
Tgt Ion: 128 Resp: 513211

Ion Ratio Lower Upper

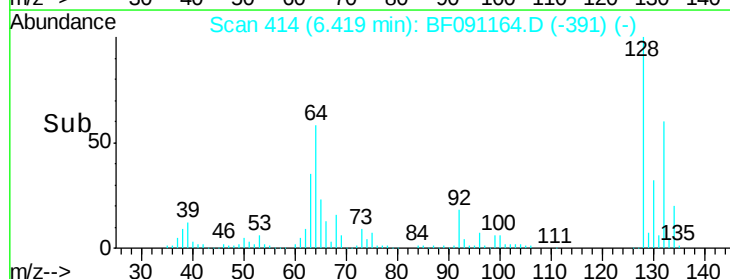
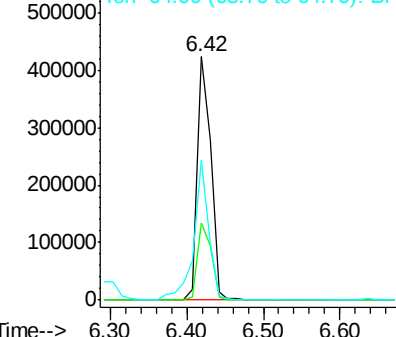
128 100

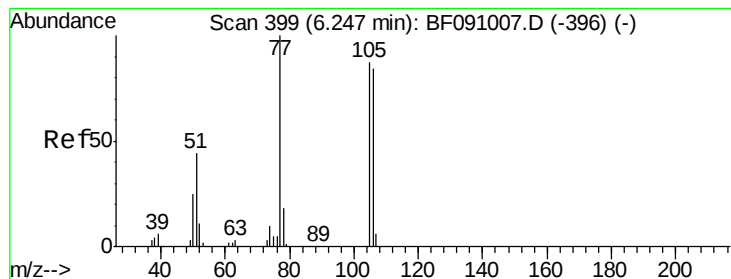
130 31.9 12.0 52.0

64 57.7 37.2 77.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.82 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

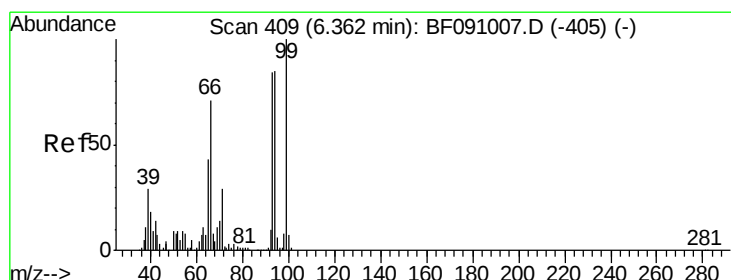
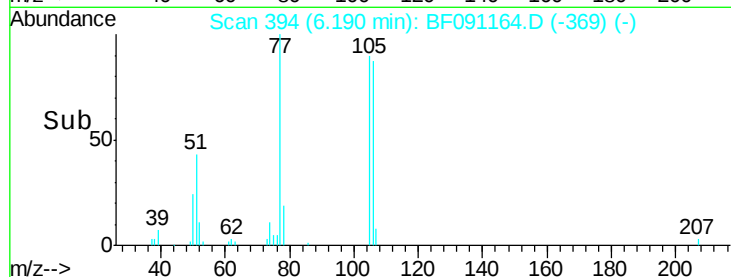
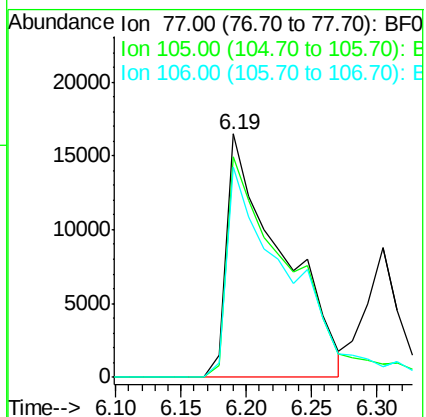
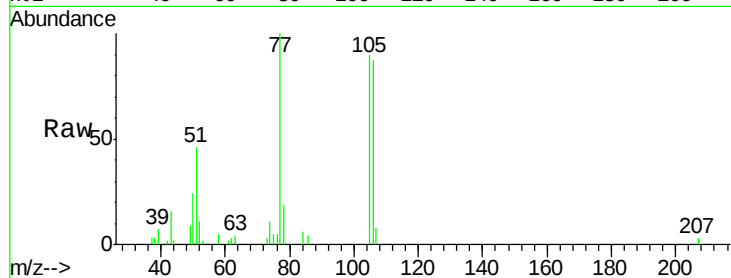
Tgt Ion: 77 Resp: 48111

Ion Ratio Lower Upper

77 100

105 90.5 66.8 106.8

106 86.6 64.0 104.0



#10

Phenol

Concen: 32.53 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

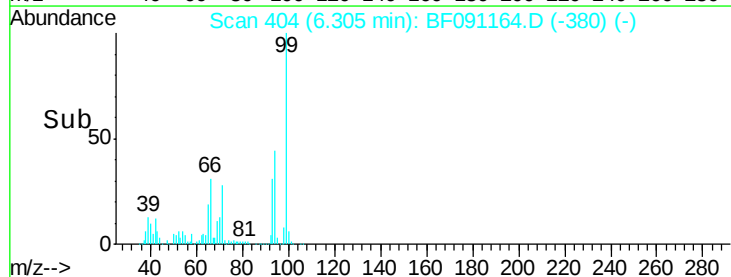
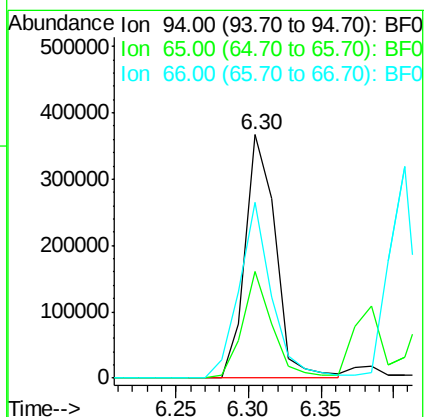
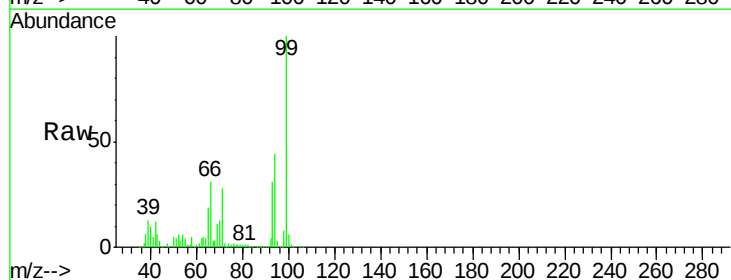
Tgt Ion: 94 Resp: 535775

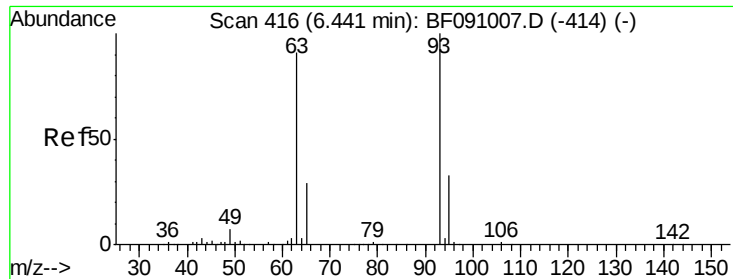
Ion Ratio Lower Upper

94 100

65 44.0 30.4 70.4

66 72.0 62.9 102.9

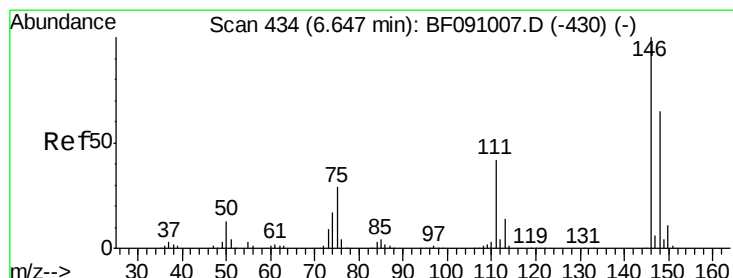
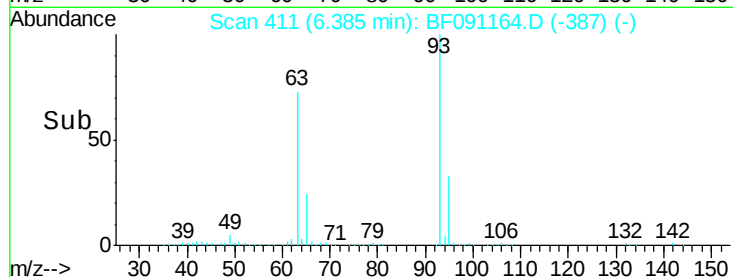
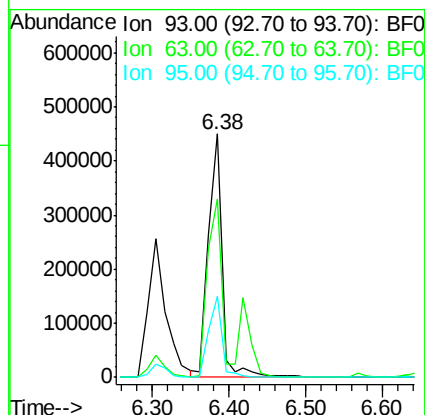
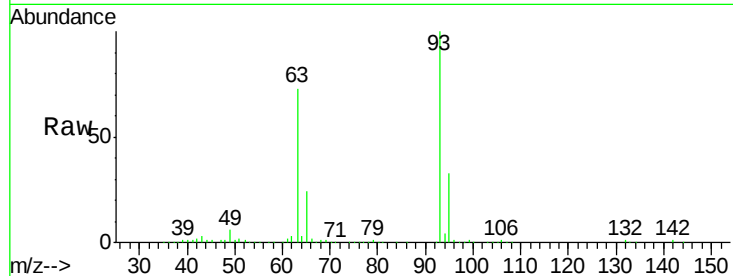




#11
 bis(2-Chloroethyl)ether
 Concen: 39.73 ng
 RT: 6.38 min Scan# 411
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

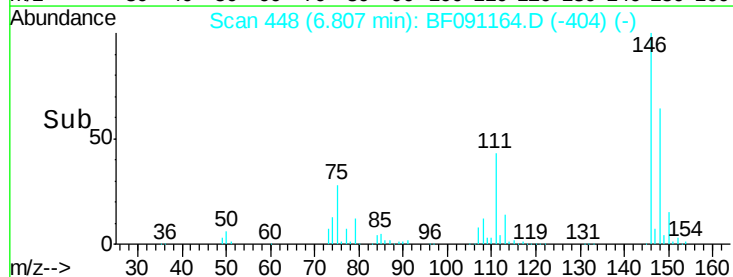
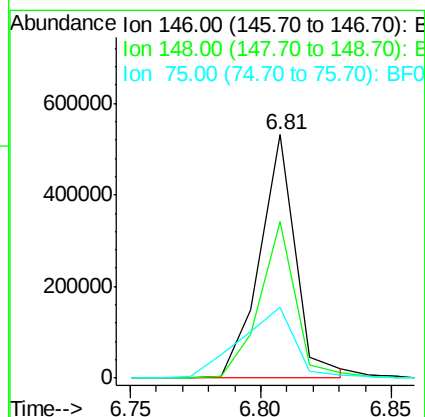
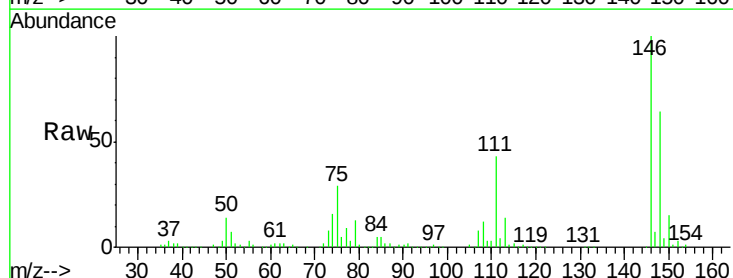
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

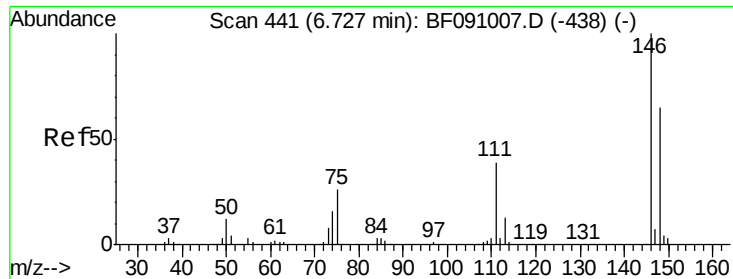
Tgt Ion: 93 Resp: 551421
 Ion Ratio Lower Upper
 93 100
 63 73.2 68.9 108.9
 95 33.2 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.73 ng
 RT: 6.81 min Scan# 448
 Delta R.T. 0.21 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion: 146 Resp: 512405
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 75 29.1 23.0 34.6

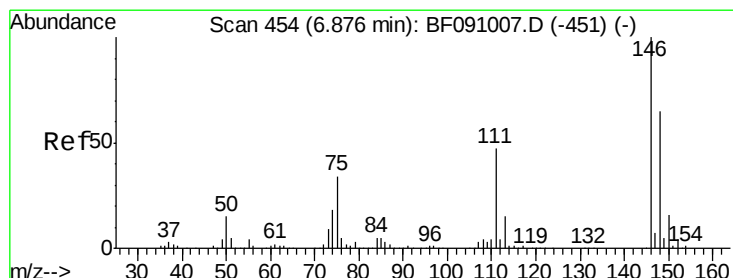
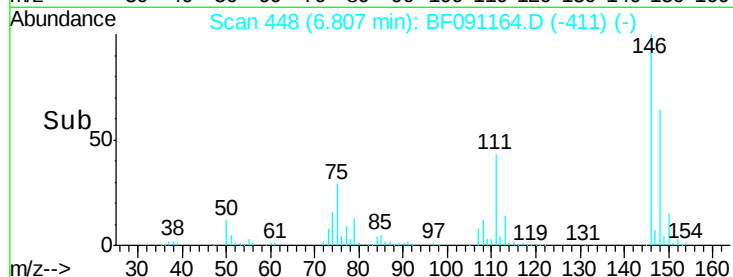
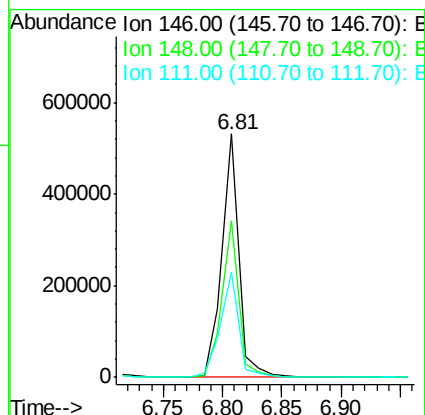
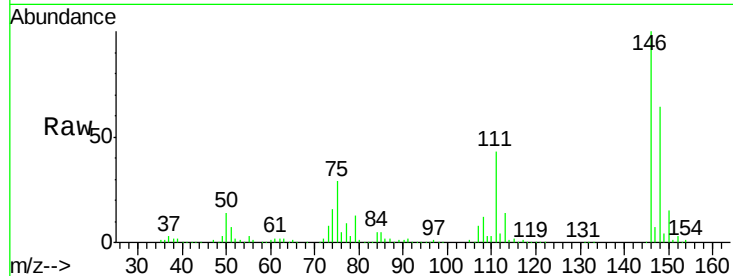




#13
 1,4-Dichlorobenzene
 Concen: 36.56 ng
 RT: 6.81 min Scan# 448
 Delta R.T. 0.13 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

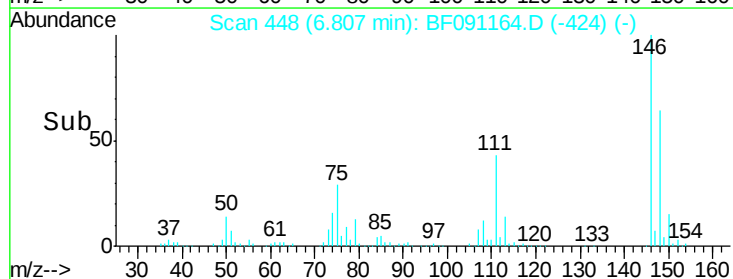
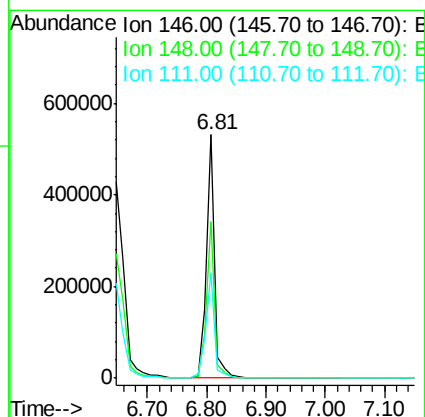
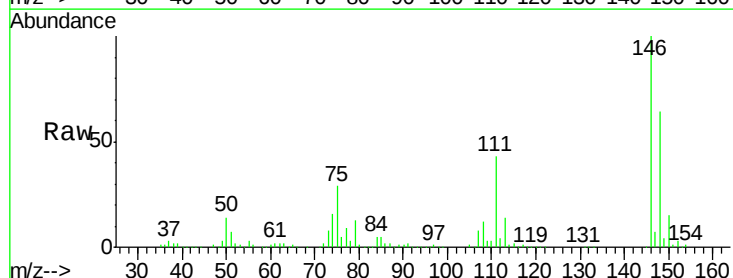
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

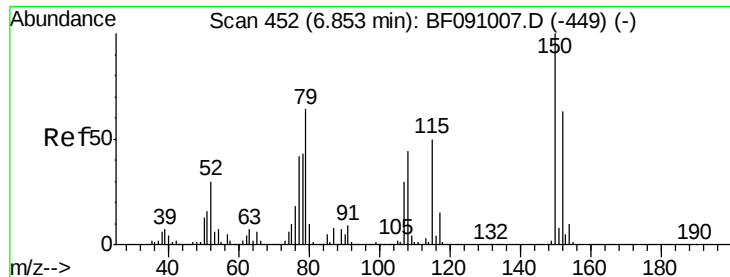
Tgt Ion:146 Resp: 518904
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 43.1 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.70 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:146 Resp: 530235
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 43.1 37.3 55.9





#15

Benzyl Alcohol

Concen: 40.43 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleID :

PB94712BS

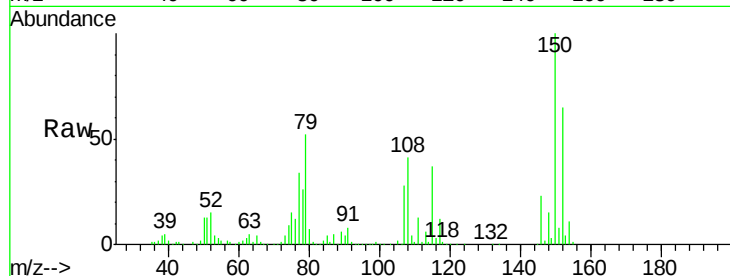
Tgt Ion: 79 Resp: 424494

Ion Ratio Lower Upper

79 100

108 78.7 55.7 83.5

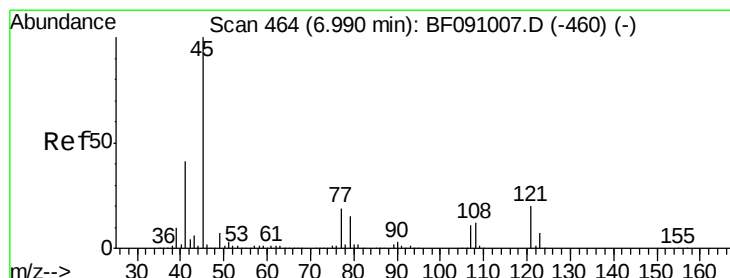
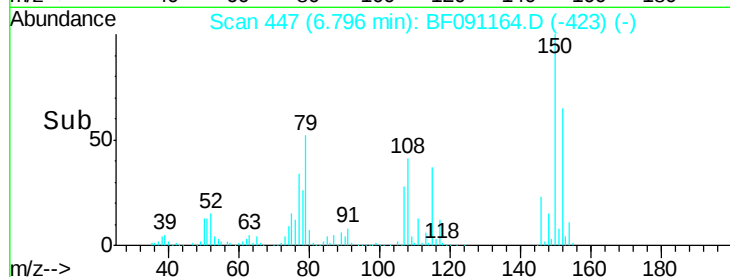
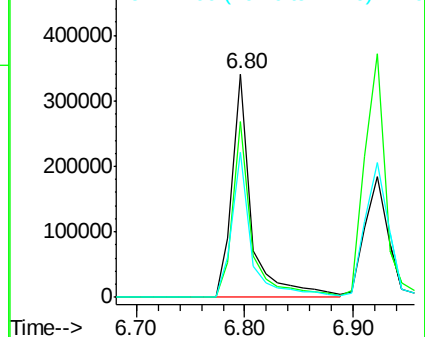
77 64.8 52.6 79.0



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: 32.95 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

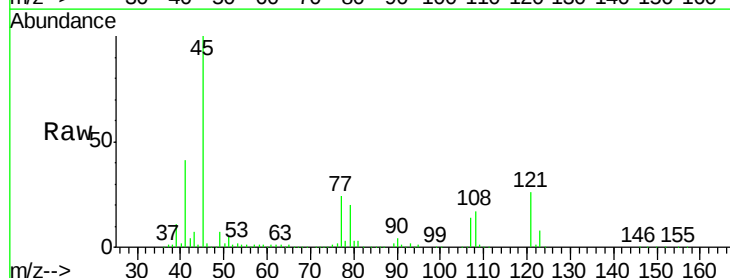
Tgt Ion: 45 Resp: 654863

Ion Ratio Lower Upper

45 100

77 23.8 0.0 39.6

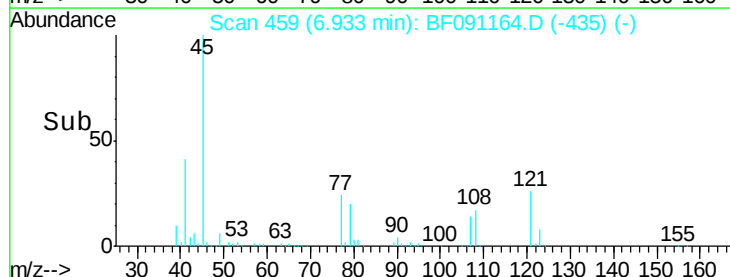
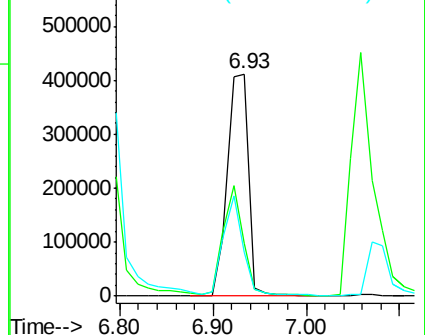
79 19.6 0.0 35.9

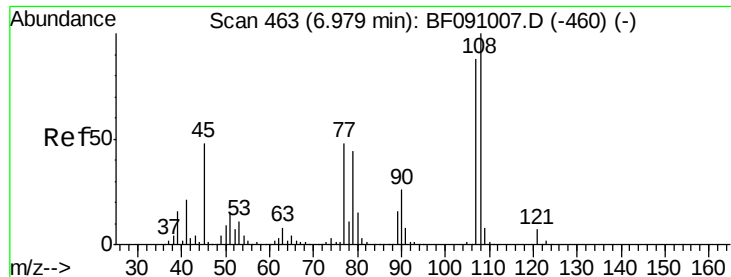


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

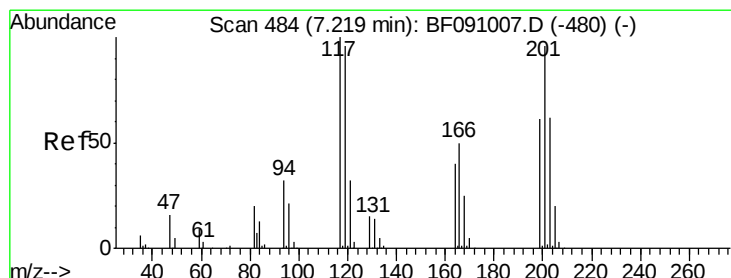
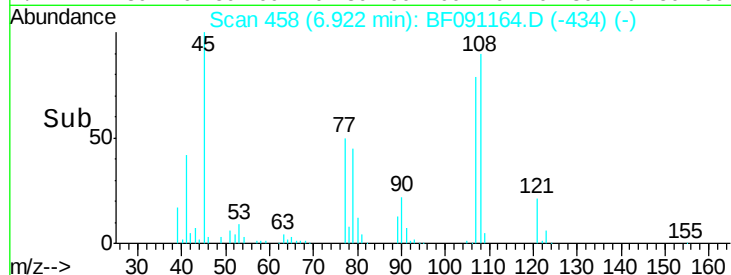
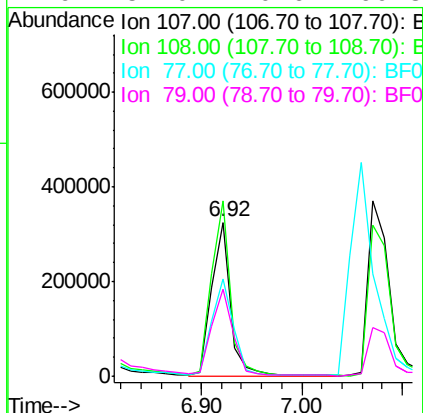
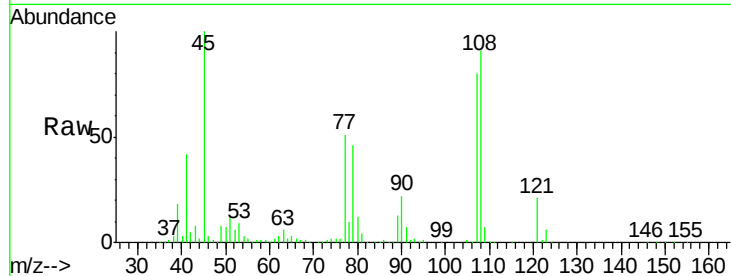




#17
2-Methylphenol
Concen: 40.38 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

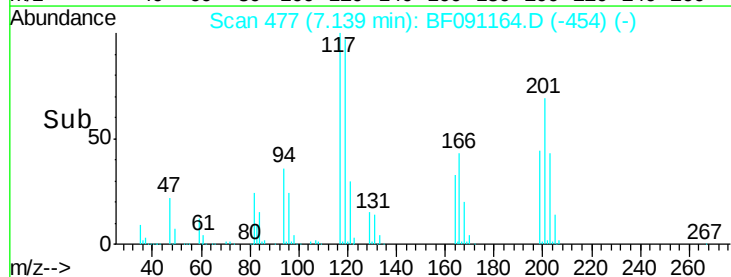
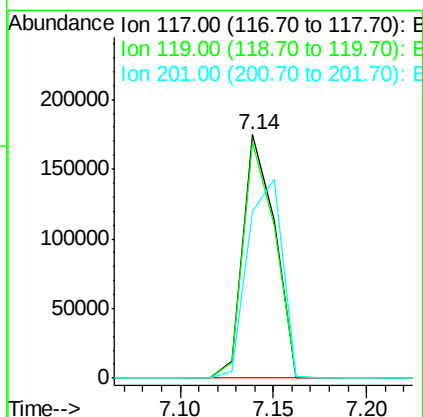
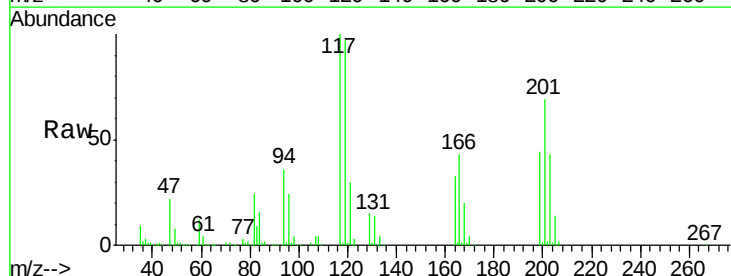
Instrument :
BNA_F
ClientSampleId :
PB94712BS

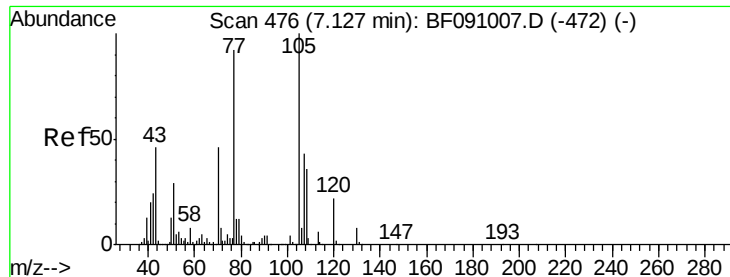
Tgt Ion:	107	Resp:	418110
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.6
77	63.3	43.8	65.8
79	57.0	40.6	60.8



#18
Hexachloroethane
Concen: 37.60 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:	117	Resp:	206564
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	115.0
201	68.6	77.1	115.7#

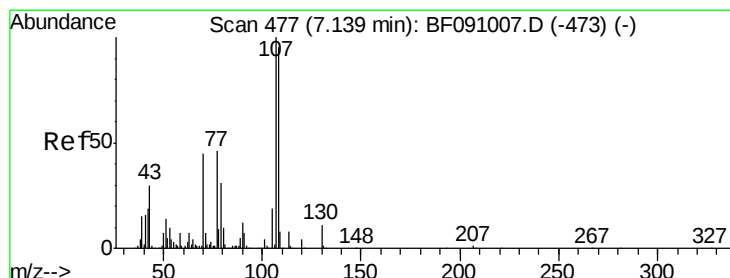
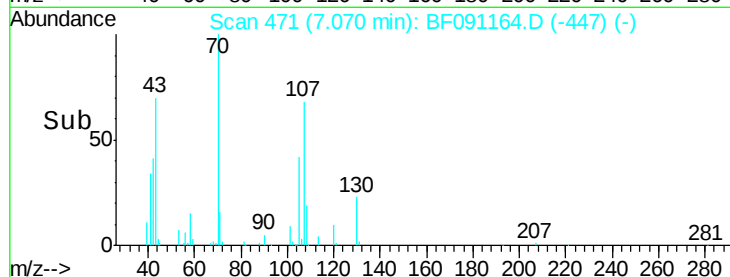
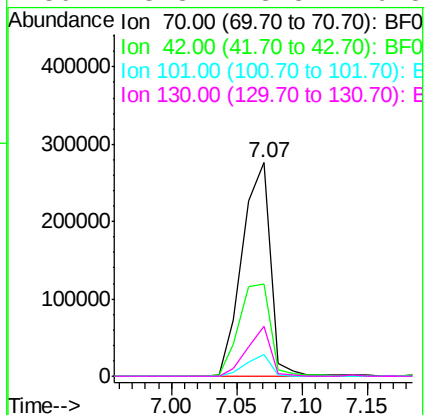
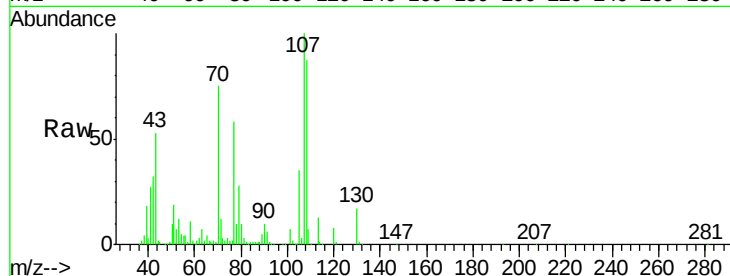




#19
n-Nitroso-di-n-propylamine
Concen: 40.14 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

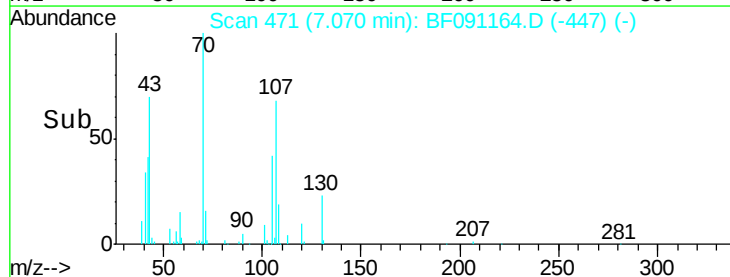
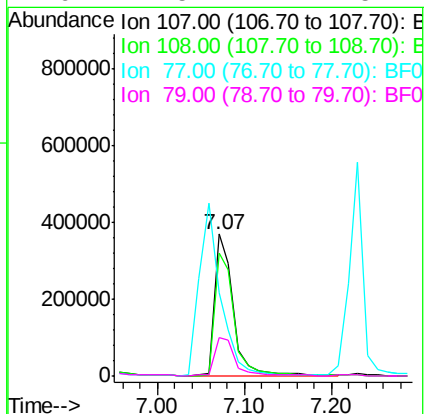
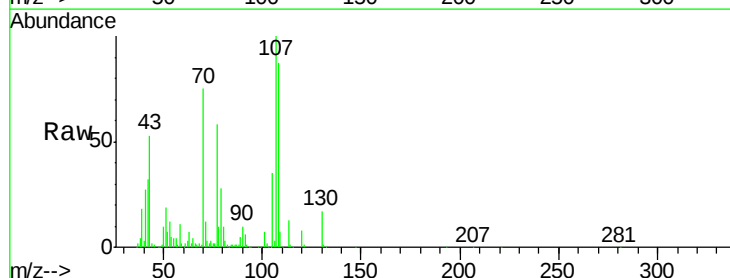
Instrument :
BNA_F
ClientSampleId :
PB94712BS

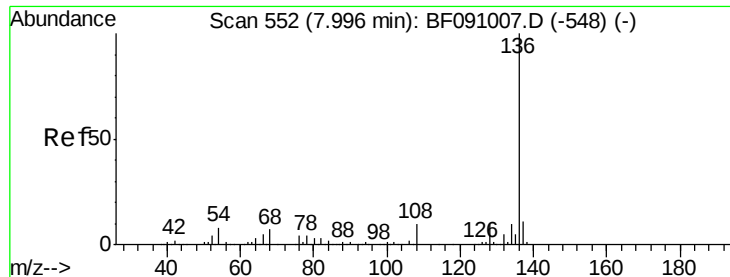
Tgt Ion: 70 Resp: 414014
Ion Ratio Lower Upper
70 100
42 43.1 41.7 62.5
101 10.0 6.7 10.1
130 23.3 13.8 20.8#



#20
3+4-Methylphenols
Concen: 44.17 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 107 Resp: 549174
Ion Ratio Lower Upper
107 100
108 86.7 75.5 115.5
77 58.3 26.4 66.4
79 27.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

Tgt Ion:136 Resp: 778970

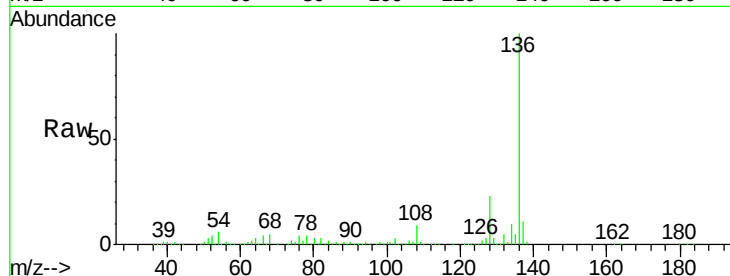
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.0 6.2 9.2#

68 5.5 5.5 8.3#

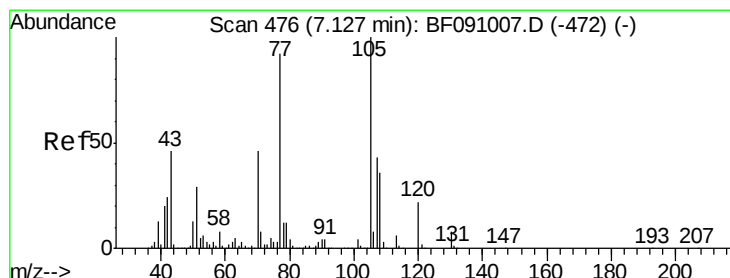
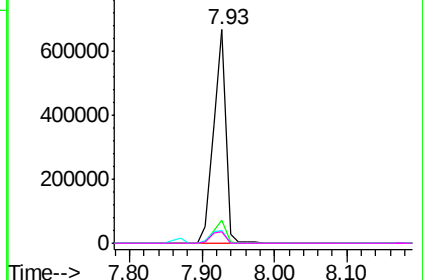
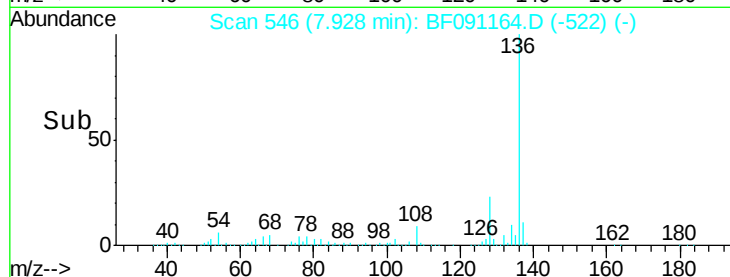


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.49 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Tgt Ion:105 Resp: 744176

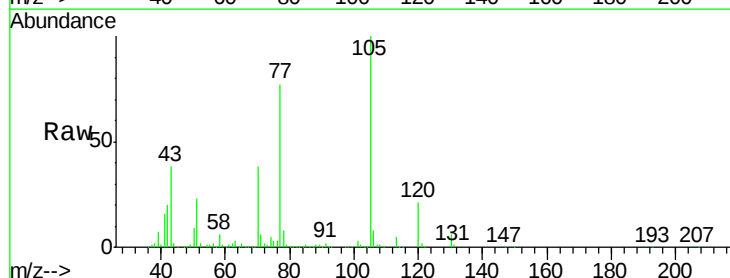
Ion Ratio Lower Upper

105 100

71 6.4 6.2 9.2

51 22.9 23.3 34.9#

120 21.5 17.4 26.0

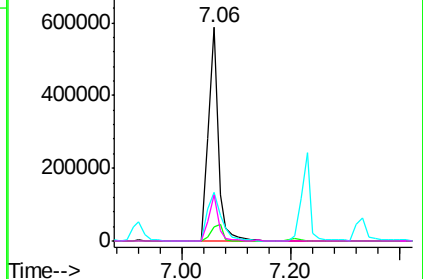
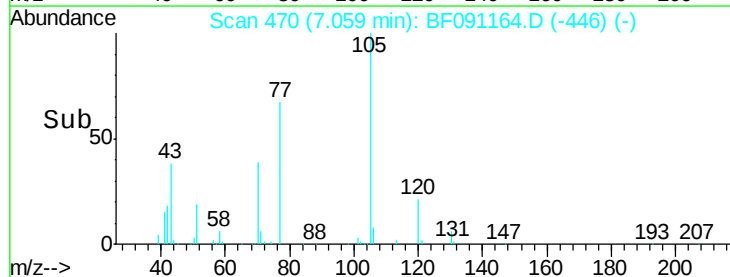


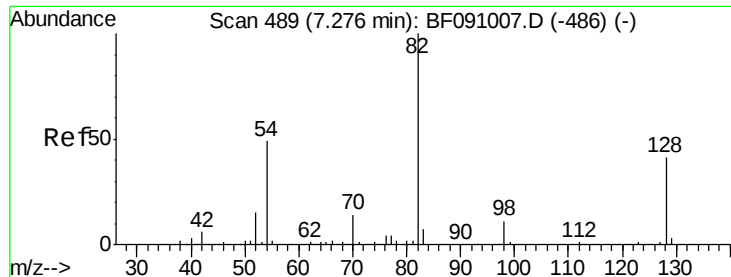
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

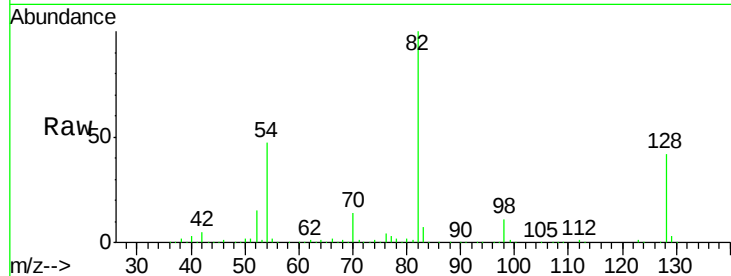




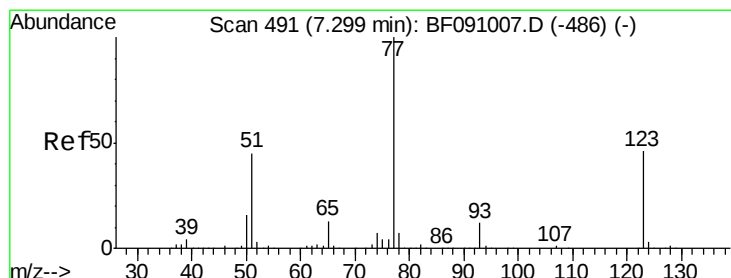
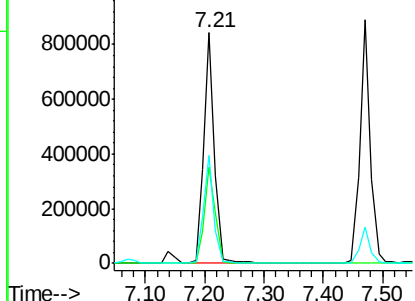
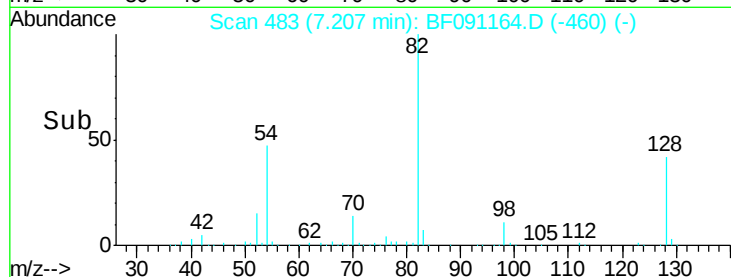
#23
Nitrobenzene-d5
Concen: 75.92 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion: 82 Resp: 1084055
Ion Ratio Lower Upper
82 100
128 41.6 32.4 48.6
54 46.8 39.2 58.8

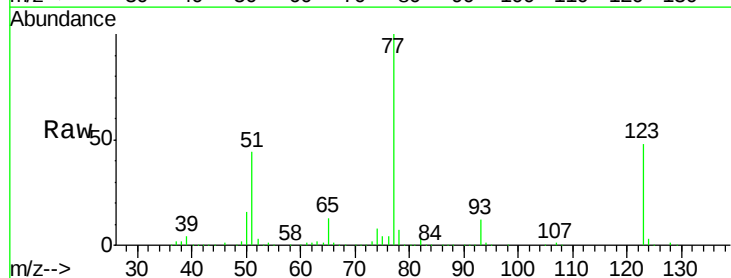


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

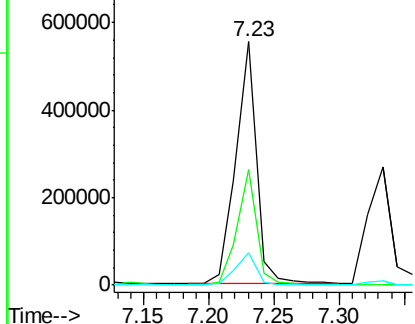
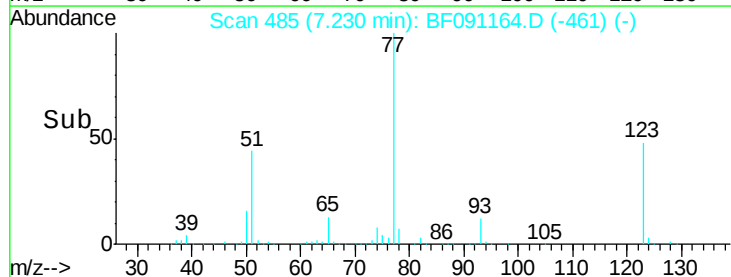


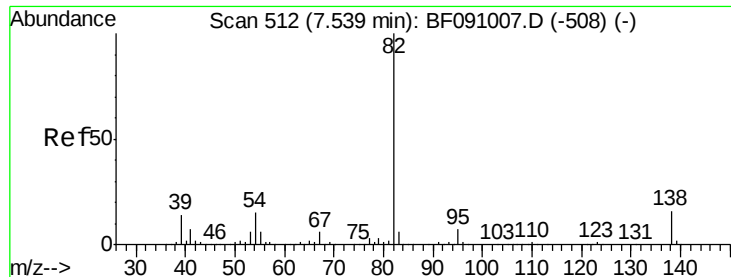
#24
Nitrobenzene
Concen: 38.85 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 77 Resp: 612627
Ion Ratio Lower Upper
77 100
123 47.8 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): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.93 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

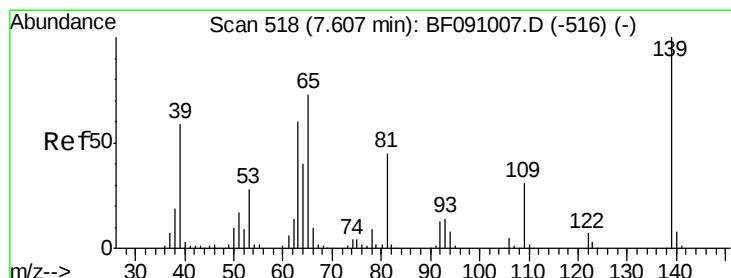
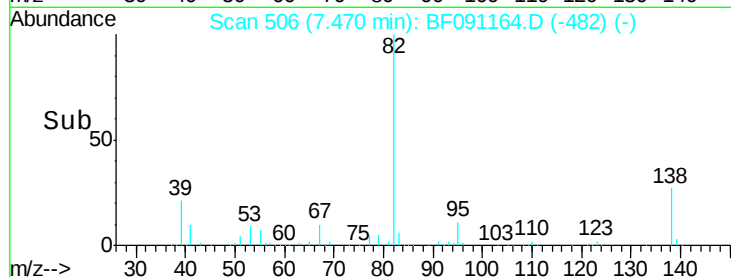
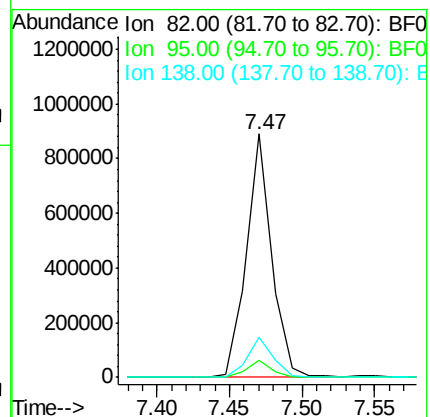
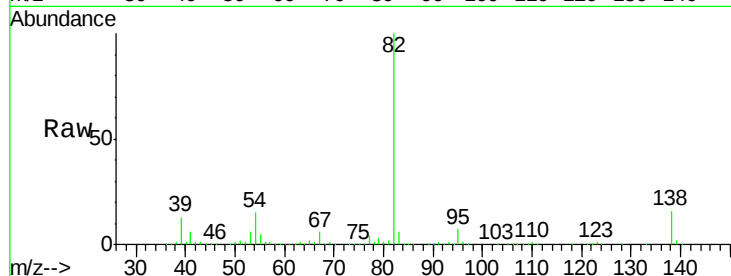
Tgt Ion: 82 Resp: 1071328

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 16.4 13.0 19.4



#26

2-Nitrophenol

Concen: 43.01 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

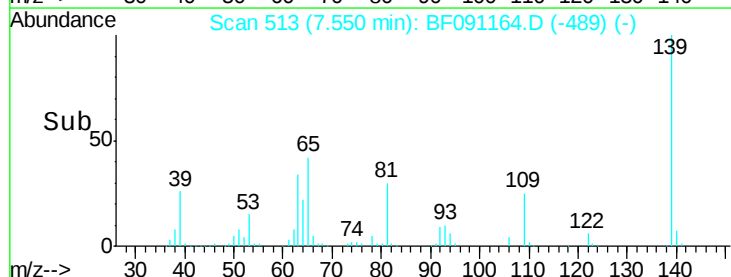
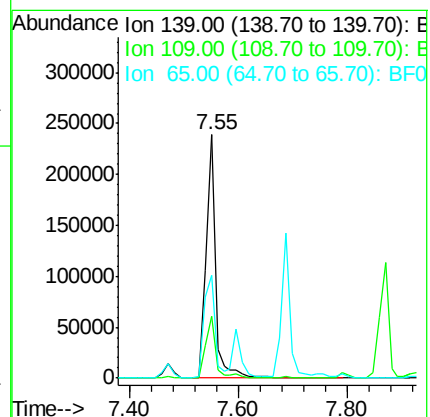
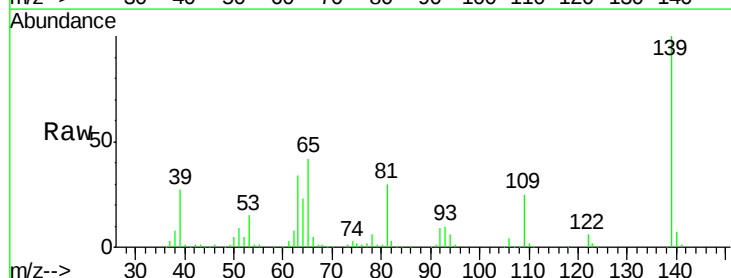
Tgt Ion: 139 Resp: 287058

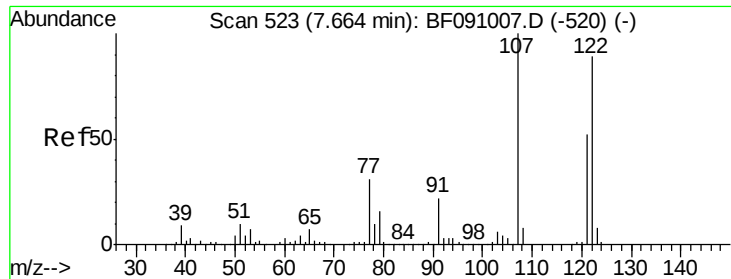
Ion Ratio Lower Upper

139 100

109 25.2 24.7 37.1

65 42.4 58.3 87.5#

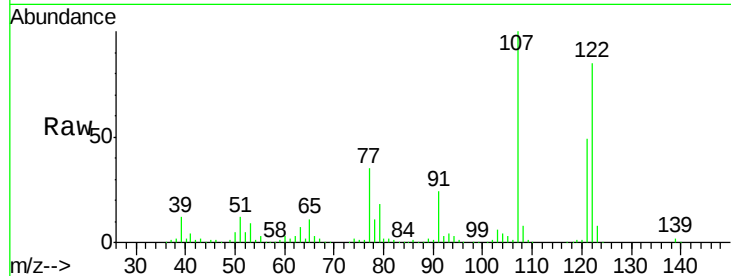




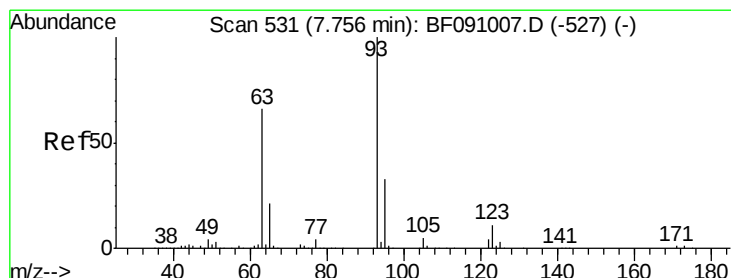
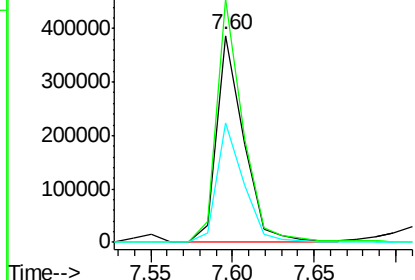
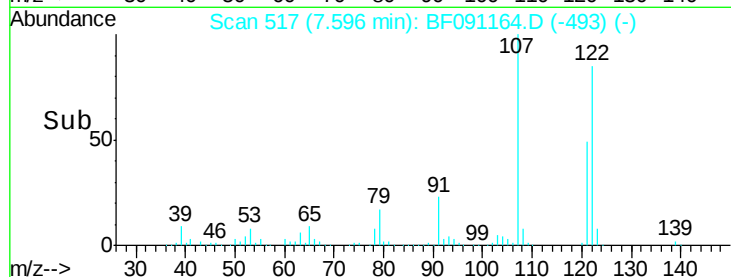
#27
2,4-Dimethylphenol
Concen: 40.14 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion: 122 Resp: 443073
Ion Ratio Lower Upper
122 100
107 117.6 89.6 134.4
121 57.6 46.3 69.5

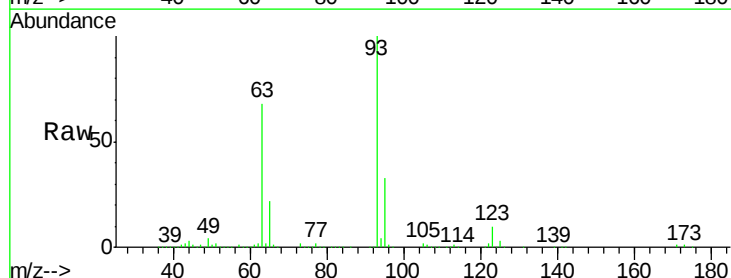


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

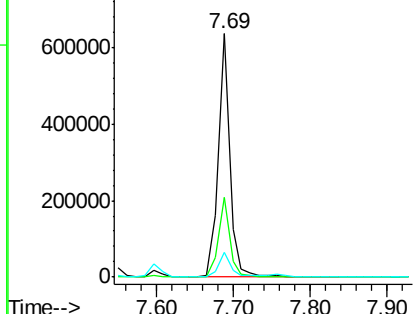
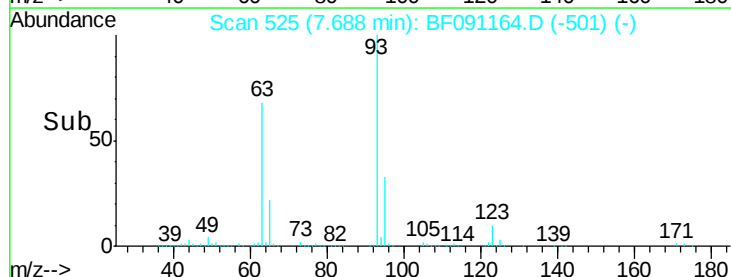


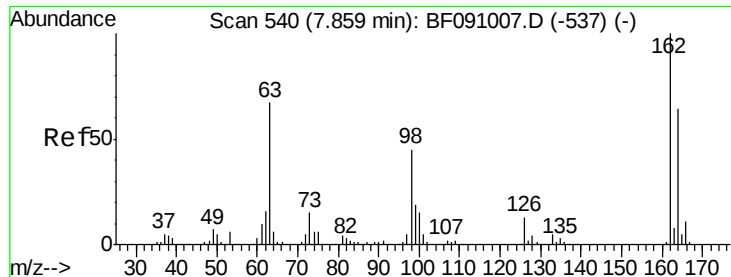
#28
bis(2-Chloroethoxy)methane
Concen: 44.41 ng
RT: 7.69 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 93 Resp: 667544
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.4 8.7 13.1



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

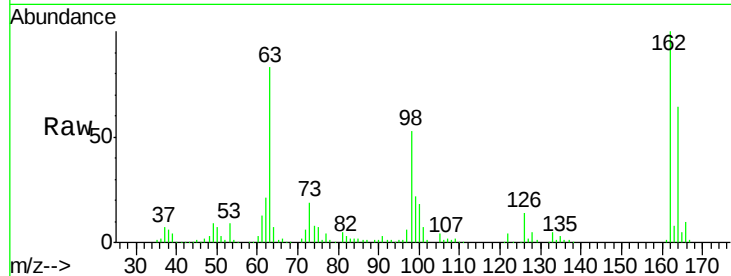




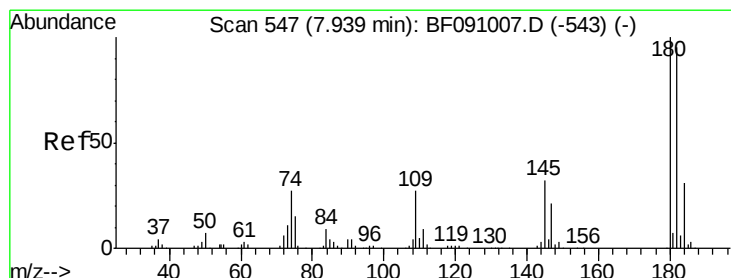
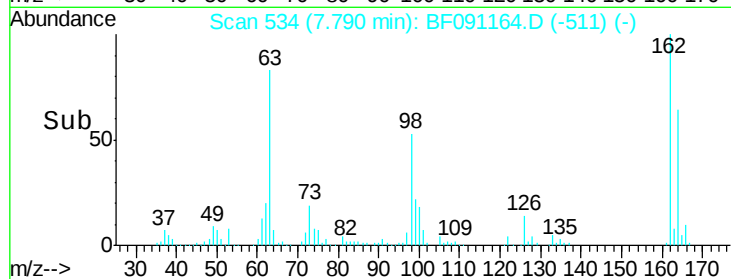
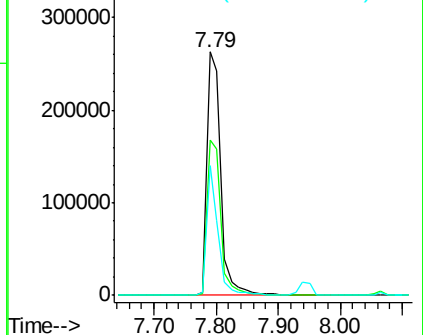
#29
 2,4-Dichlorophenol
 Concen: 42.12 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

Tgt Ion:162 Resp: 405779
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.4 84.4
 98 53.2 25.2 65.2

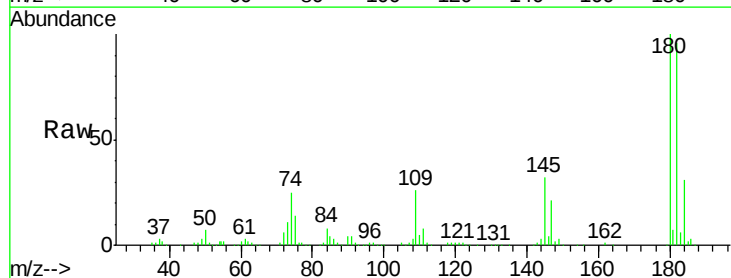


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

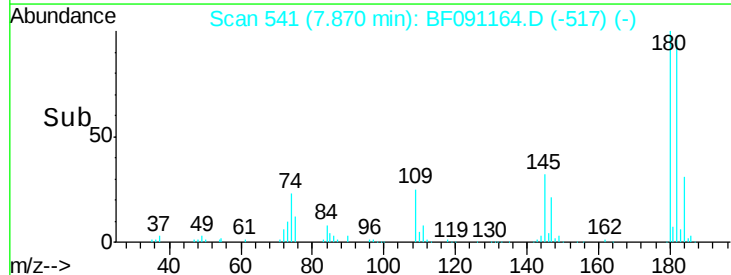
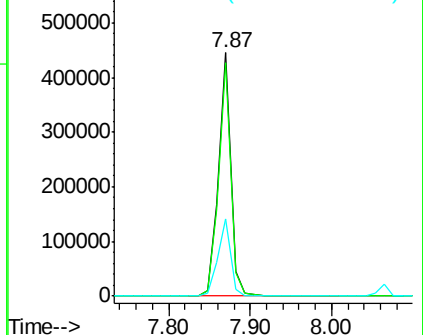


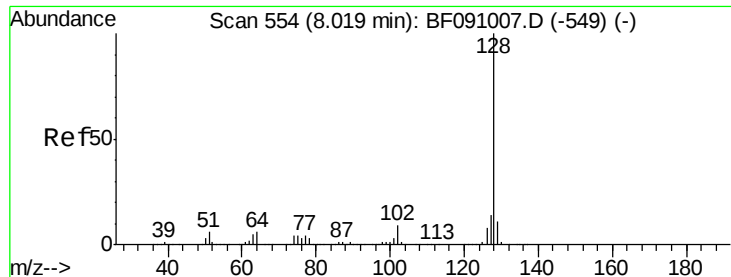
#30
 1,2,4-Trichlorobenzene
 Concen: 43.01 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:180 Resp: 465865
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 145 31.6 25.8 38.8



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





#31

Naphthalene

Concen: 39.41 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

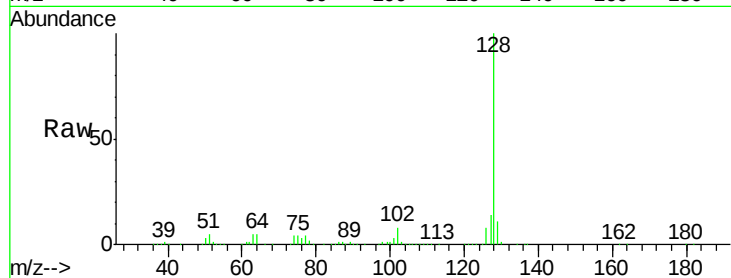
Tgt Ion:128 Resp: 1468310

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

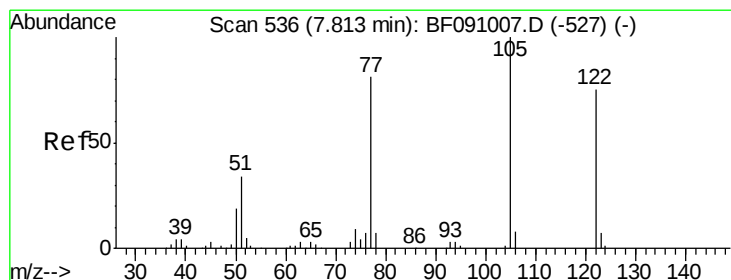
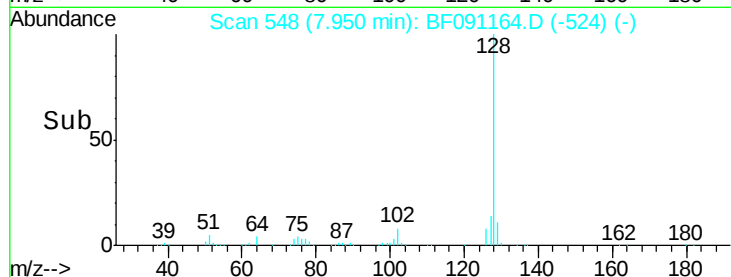
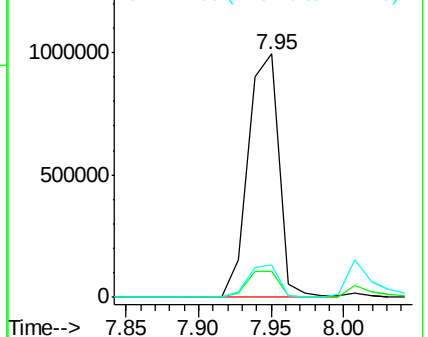
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.19 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

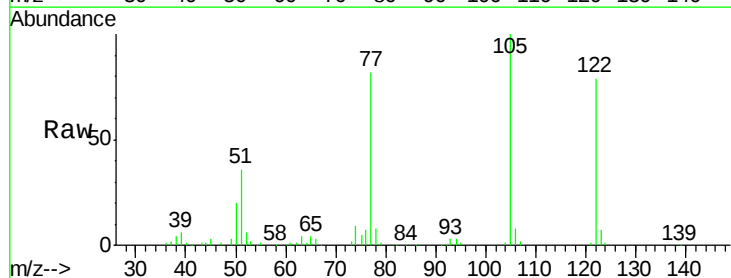
Tgt Ion:122 Resp: 251441

Ion Ratio Lower Upper

122 100

105 127.3 105.9 145.9

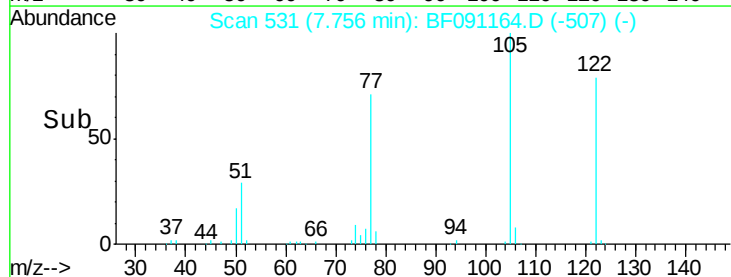
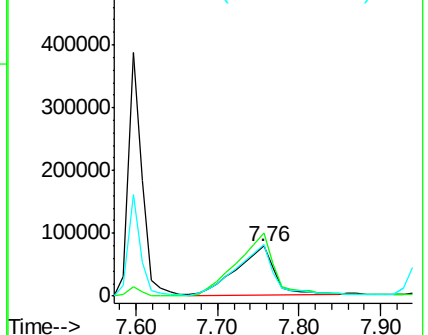
77 104.8 84.0 124.0

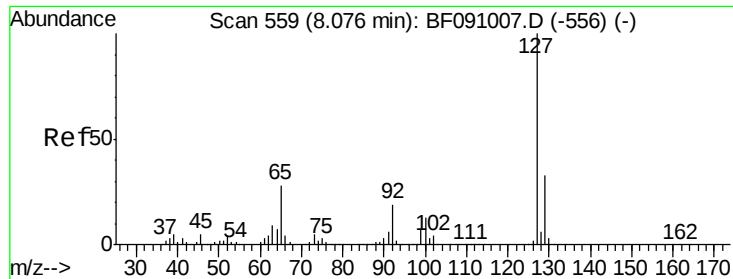


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

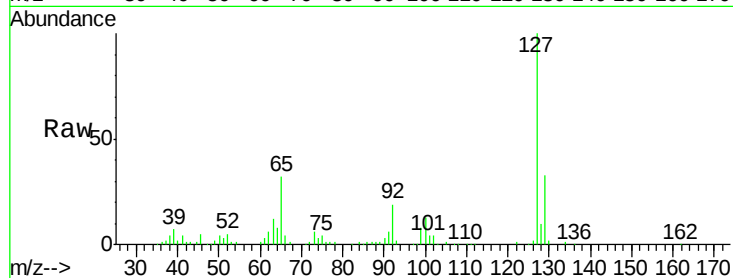




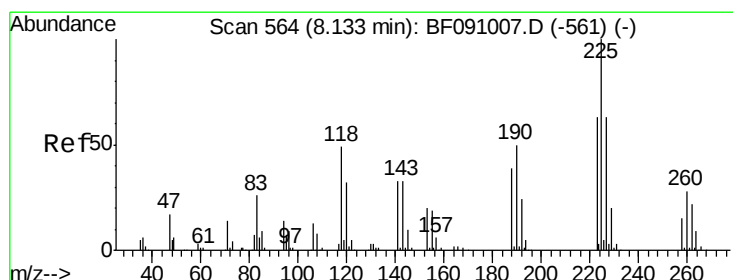
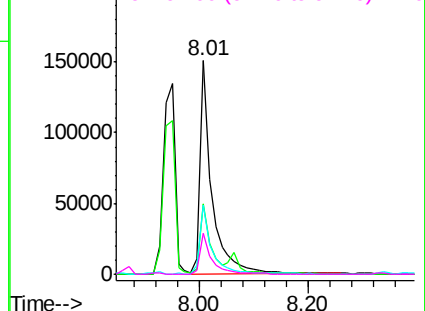
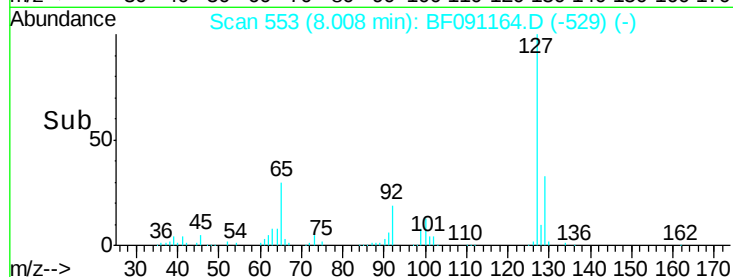
#33
4-Chloroaniline
Concen: 14.48 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion:	127	Resp:	224336
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	32.3	22.2	33.2
92	19.1	15.0	22.4

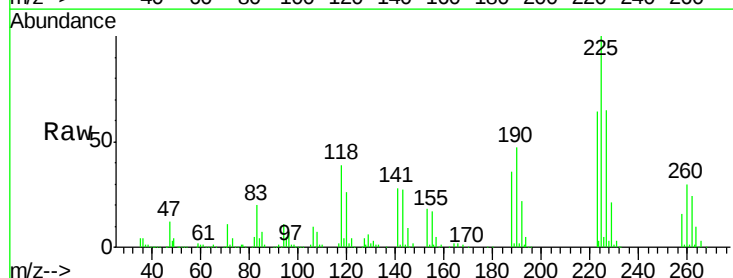


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

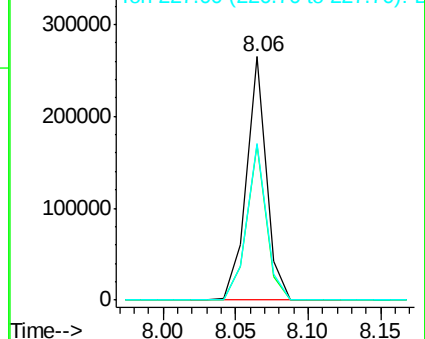
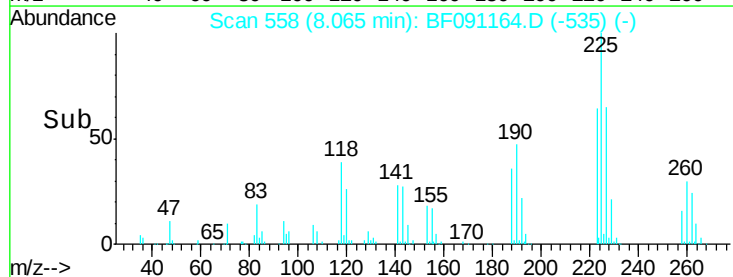


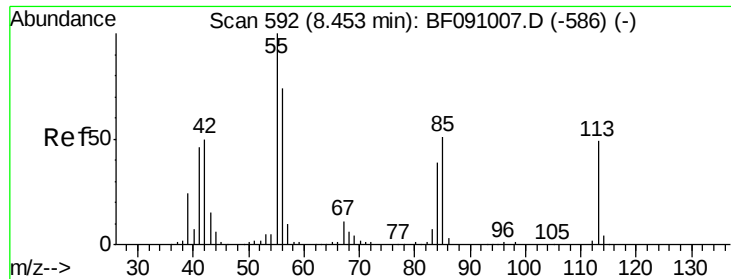
#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:	225	Resp:	253459
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	64.5	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

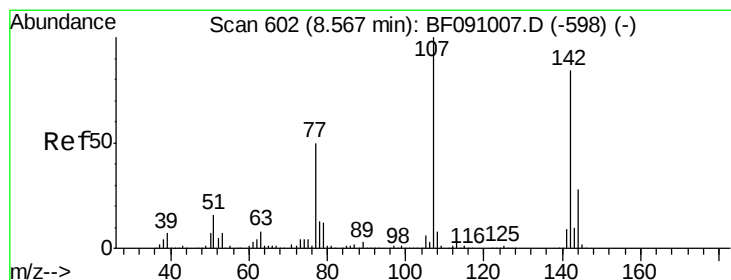
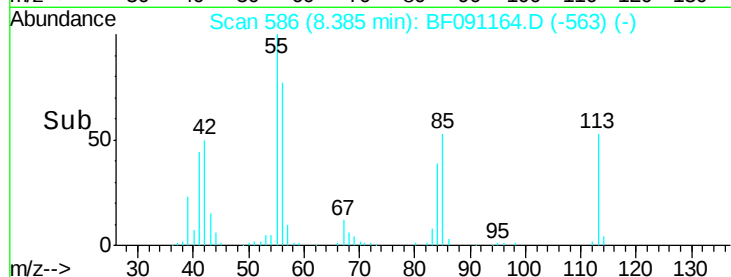
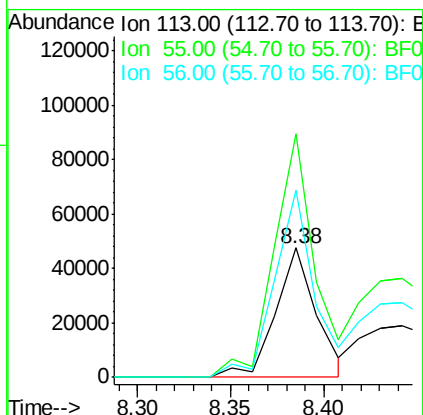
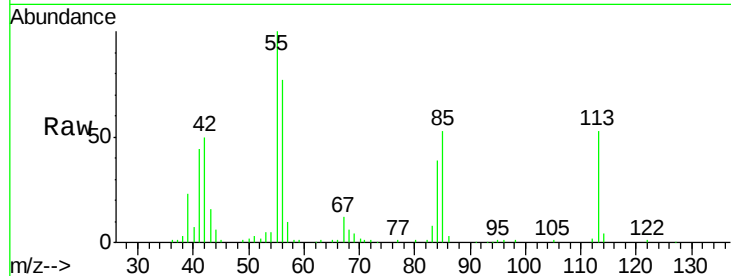




#35
 Caprolactam
 Concen: 23.84 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

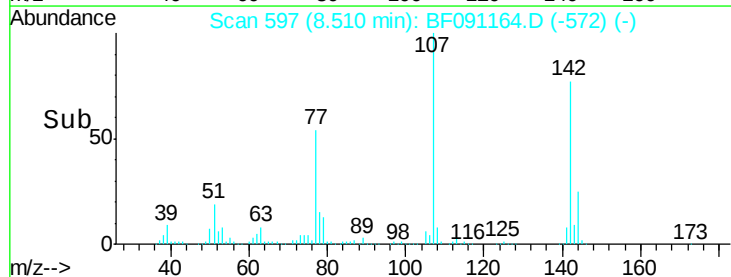
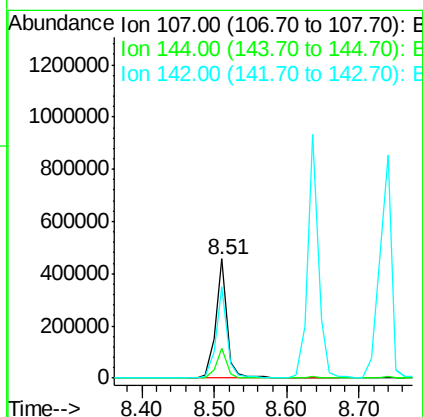
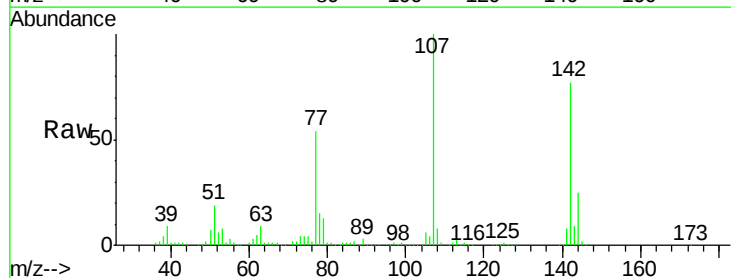
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

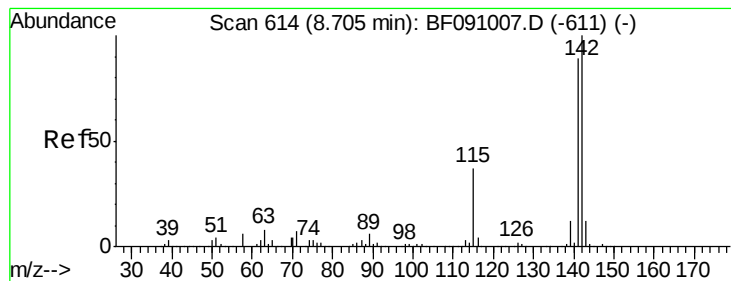
Tgt Ion:113 Resp: 72151
 Ion Ratio Lower Upper
 113 100
 55 188.4 184.1 224.1
 56 144.5 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.67 ng
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:107 Resp: 497552
 Ion Ratio Lower Upper
 107 100
 144 25.4 22.5 33.7
 142 76.7 67.4 101.2

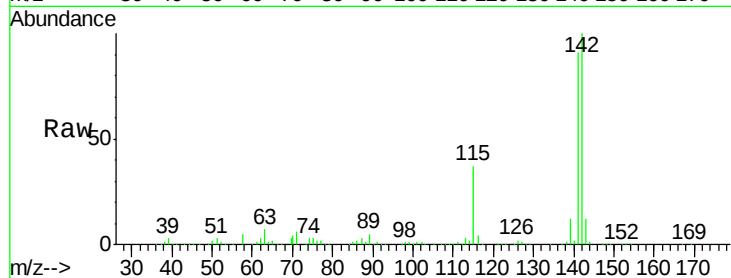




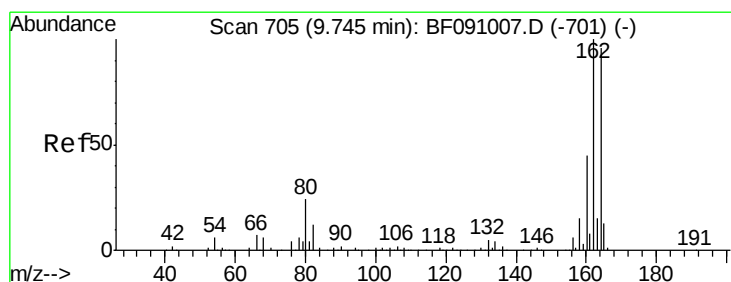
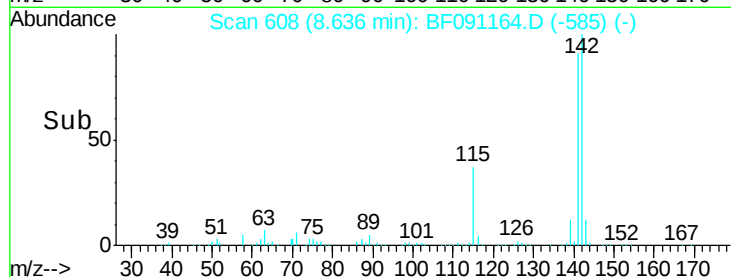
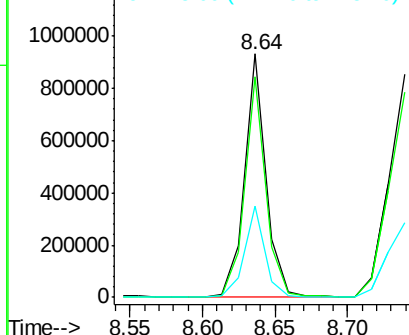
#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion:142 Resp: 955618
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 37.4 29.9 44.9

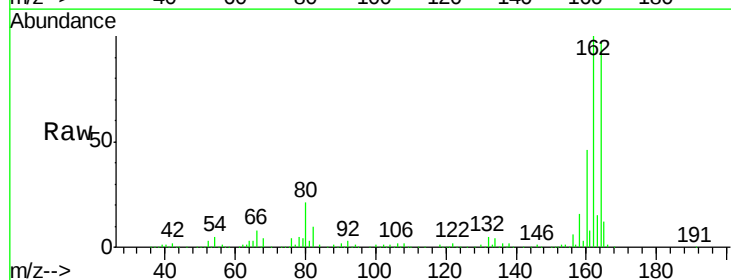


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

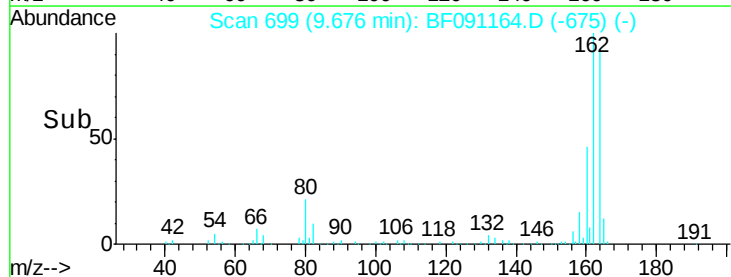
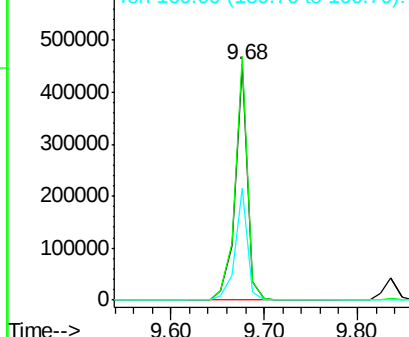


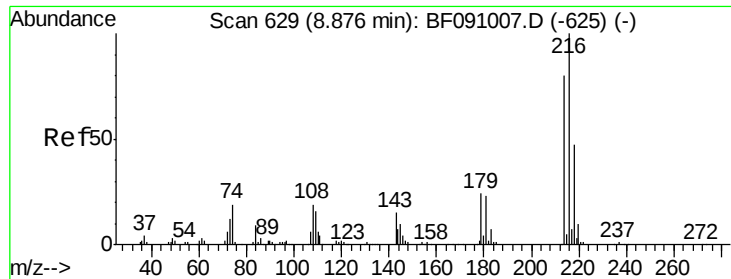
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:164 Resp: 421437
Ion Ratio Lower Upper
164 100
162 103.5 83.6 125.4
160 47.7 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: 43.56 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

Tgt Ion:216 Resp: 468052

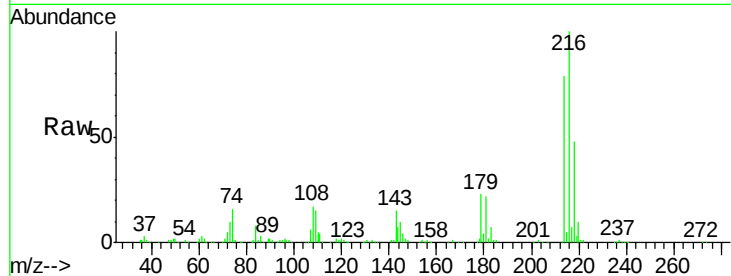
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 23.0 19.1 28.7

108 22.1 17.5 26.3

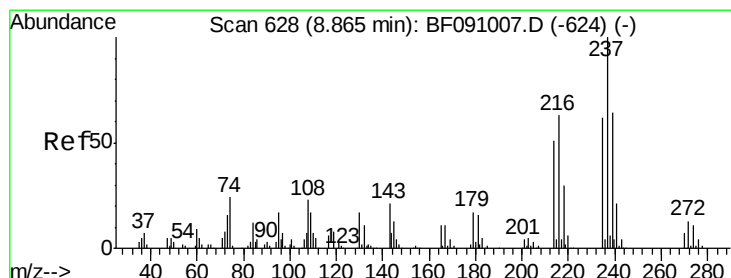
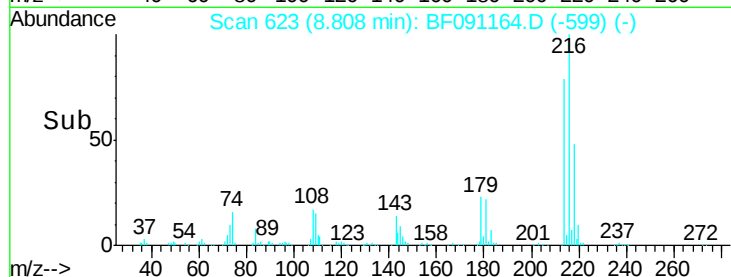
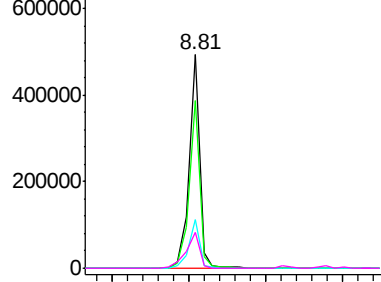


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.95 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

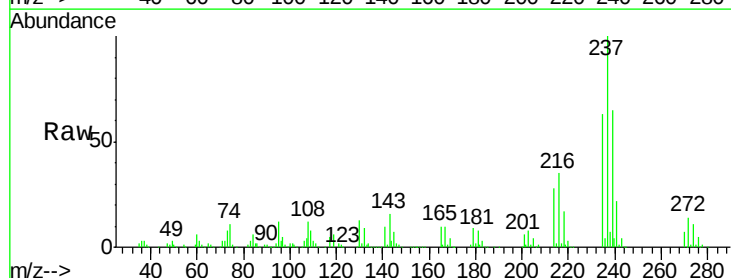
Tgt Ion:237 Resp: 369661

Ion Ratio Lower Upper

237 100

235 63.1 42.1 82.1

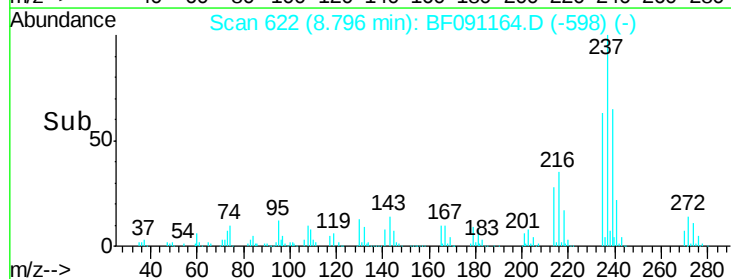
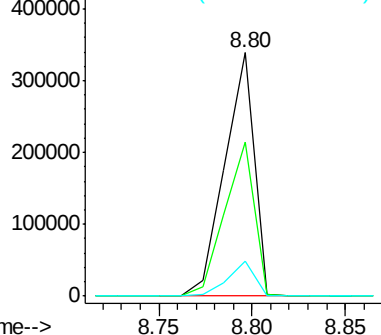
272 14.3 0.0 33.1

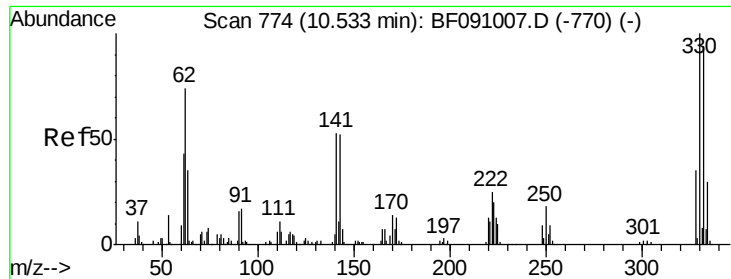


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

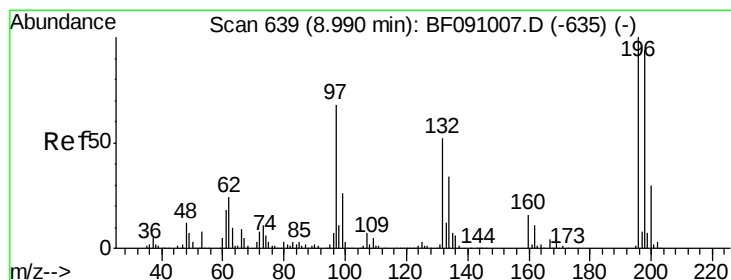
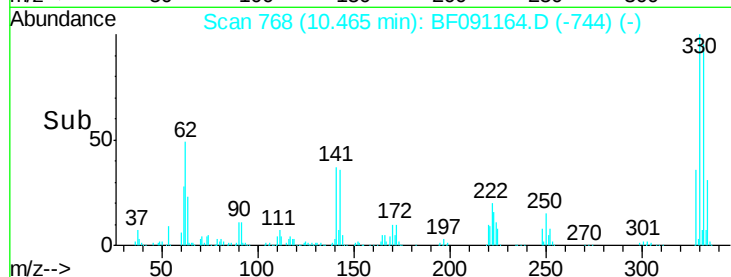
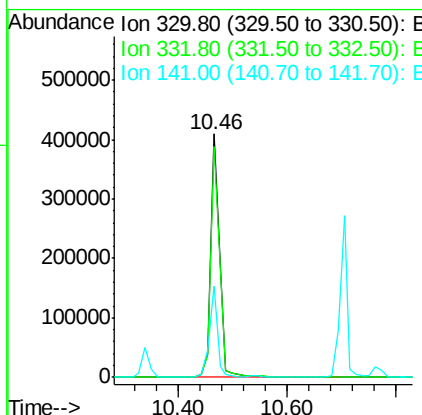
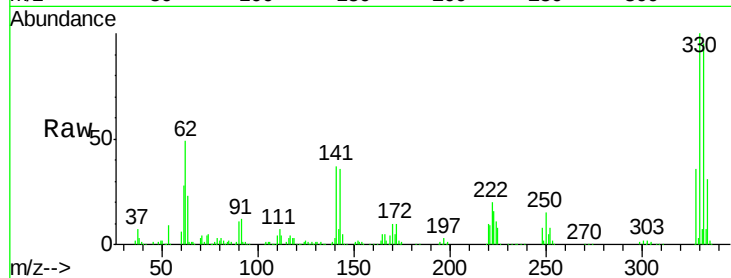




#41
 2,4,6-Tribromophenol
 Concen: 122.18 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

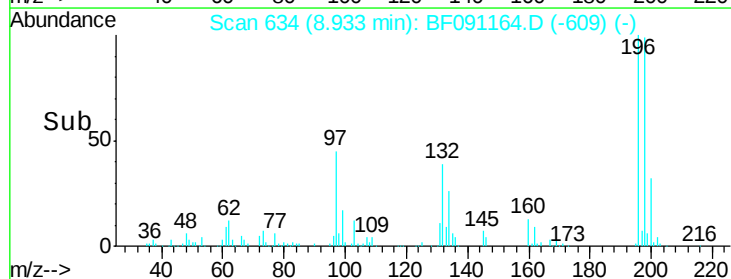
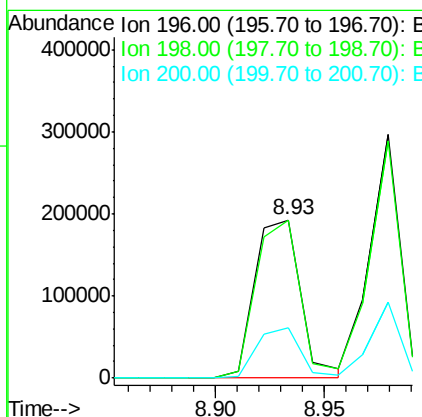
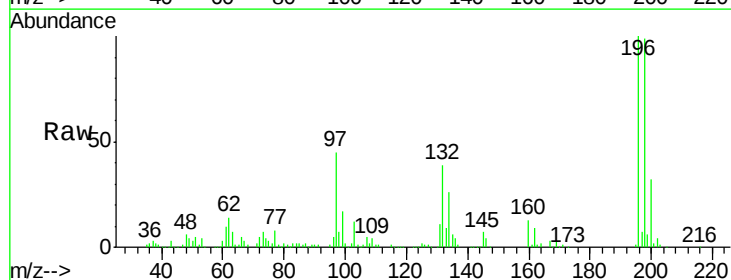
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

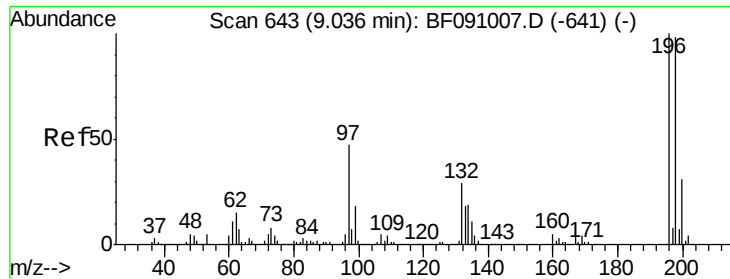
Tgt Ion:330 Resp: 465517
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.9 113.9
 141 34.1 36.1 54.1#



#42
 2,4,6-Trichlorophenol
 Concen: 41.08 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:196 Resp: 284921
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.4 113.0
 200 32.2 24.1 36.1

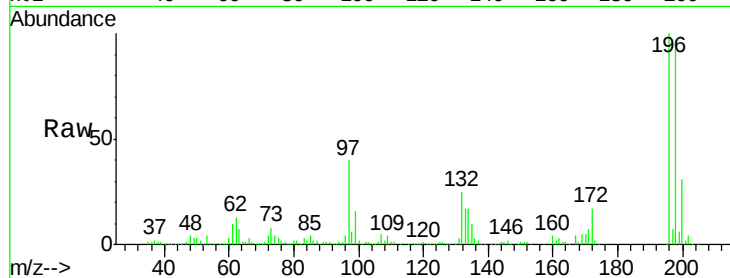




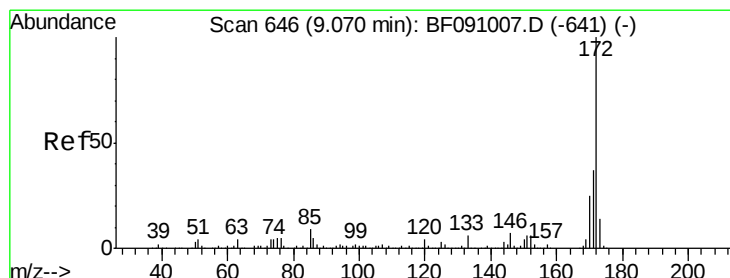
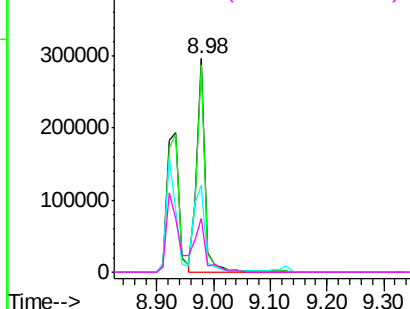
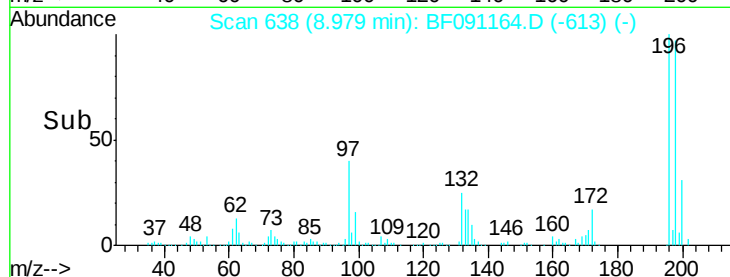
#43
 2,4,5-Trichlorophenol
 Concen: 42.43 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

Tgt Ion:196 Resp: 308978
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.2 117.4
 97 40.5 38.8 58.2
 132 25.0 23.5 35.3

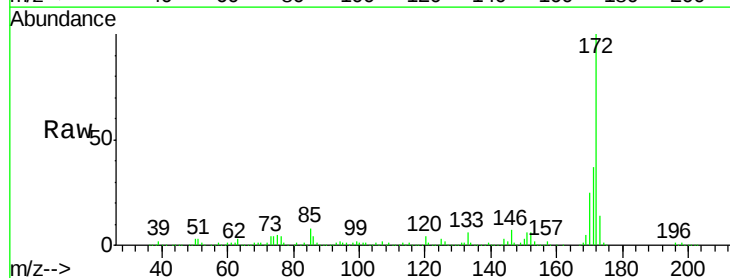


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

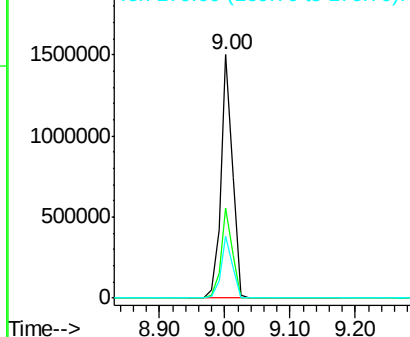
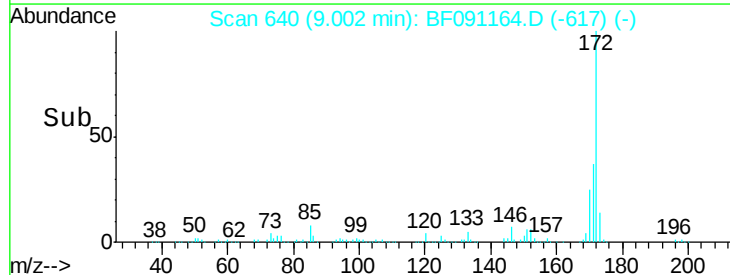


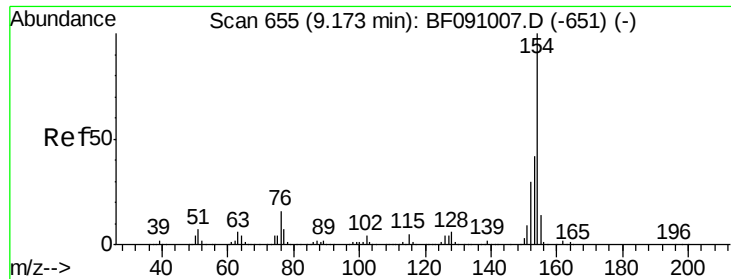
#44
 2-Fluorobiphenyl
 Concen: 77.32 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:172 Resp: 1892763
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.3 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

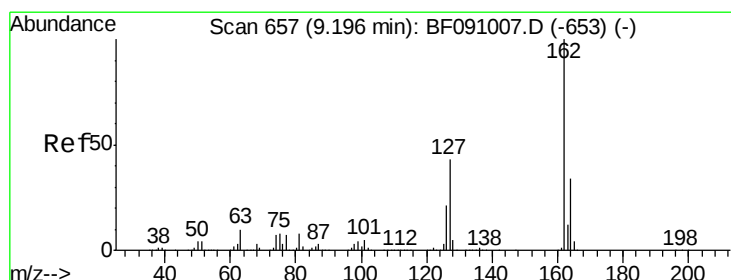
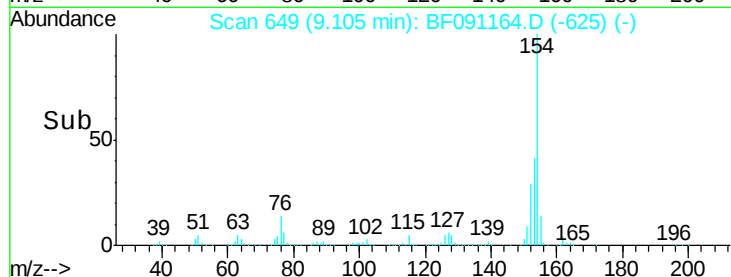
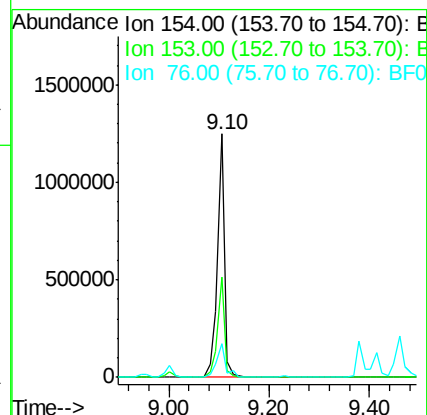
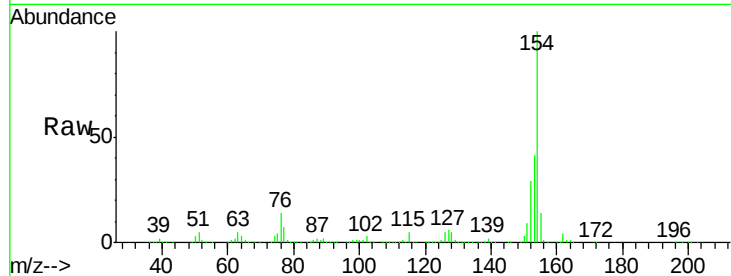




#45
 1,1'-Biphenyl
 Concen: 39.66 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

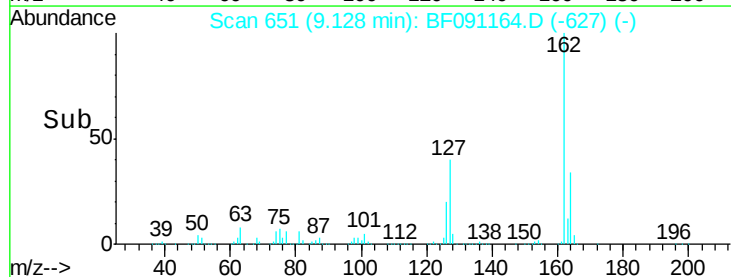
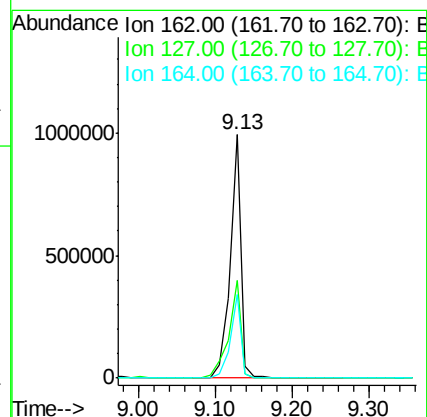
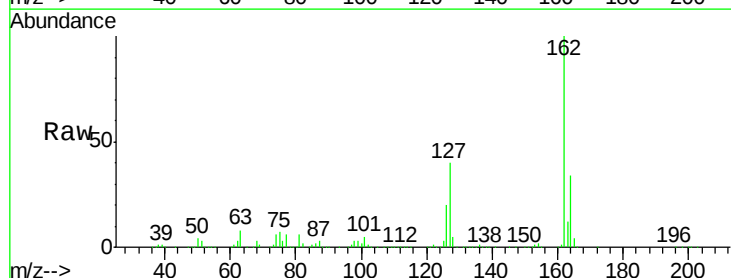
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

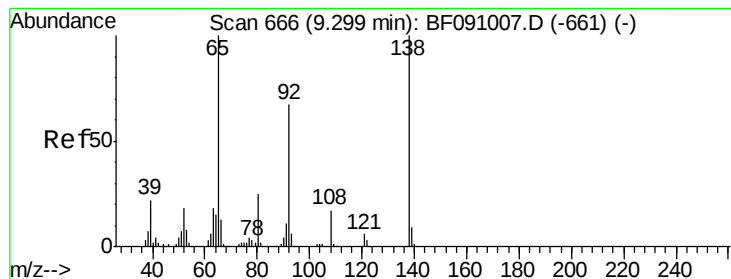
Tgt Ion:154 Resp: 1220470
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.6 61.6
 76 13.9 0.0 36.2



#46
 2-Chloronaphthalene
 Concen: 42.57 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:162 Resp: 994486
 Ion Ratio Lower Upper
 162 100
 127 40.4 34.7 52.1
 164 34.4 27.0 40.4





#47

2-Nitroaniline

Concen: 36.85 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

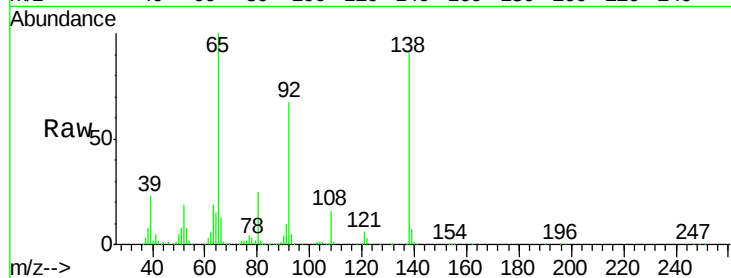
Tgt Ion: 65 Resp: 319545

Ion Ratio Lower Upper

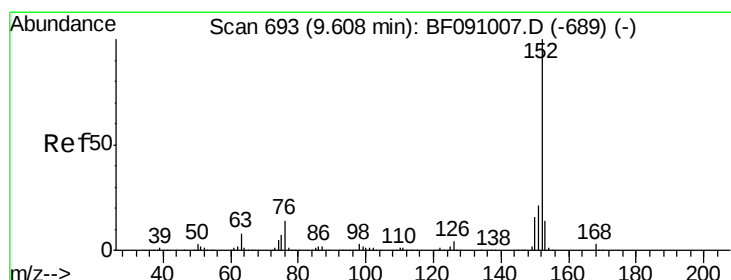
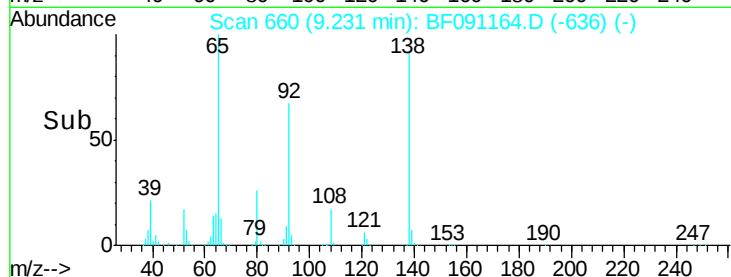
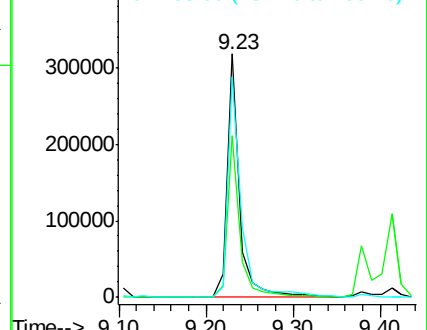
65 100

92 66.6 53.9 80.9

138 90.8 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: 39.61 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

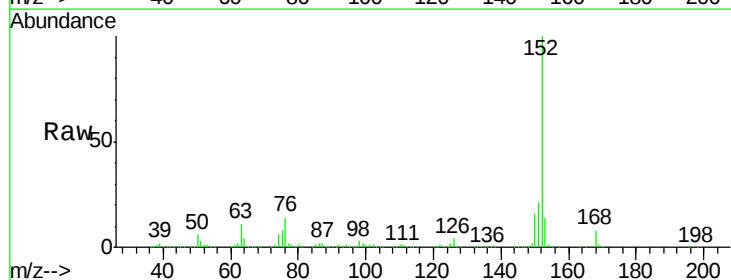
Tgt Ion: 152 Resp: 1442215

Ion Ratio Lower Upper

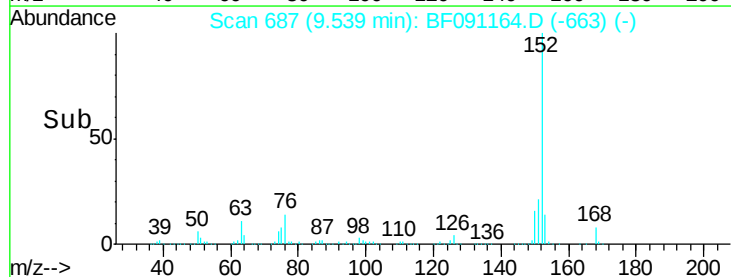
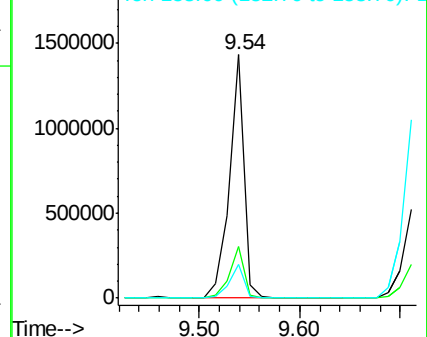
152 100

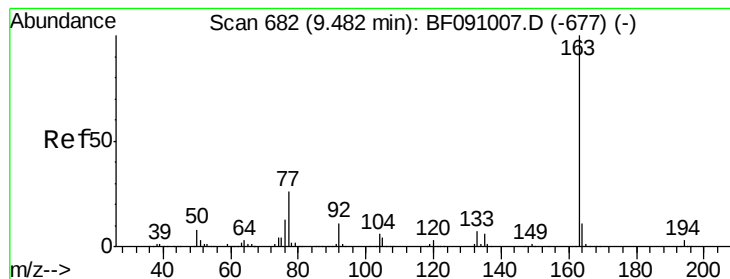
151 21.2 16.7 25.1

153 13.8 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: 39.62 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

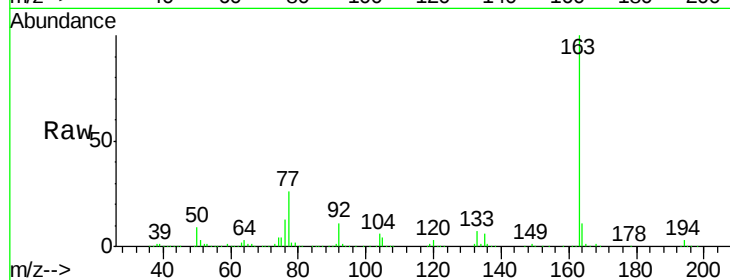
Tgt Ion:163 Resp: 1094759

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

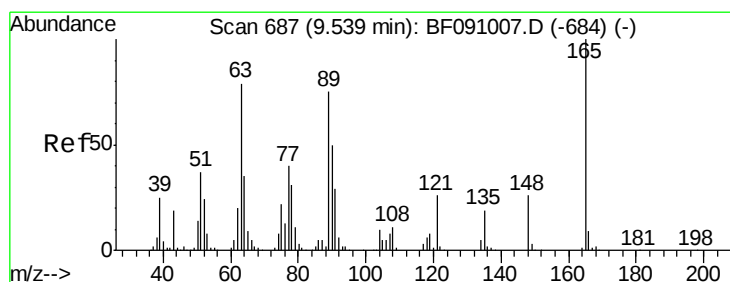
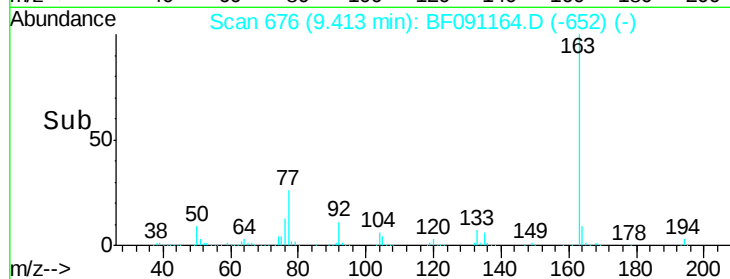
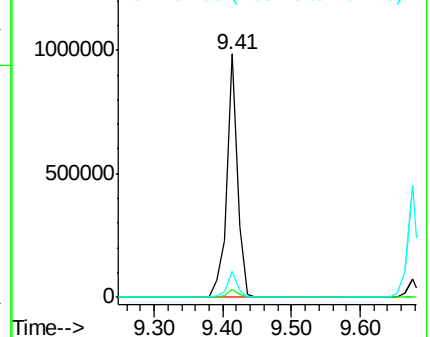
164 10.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.77 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

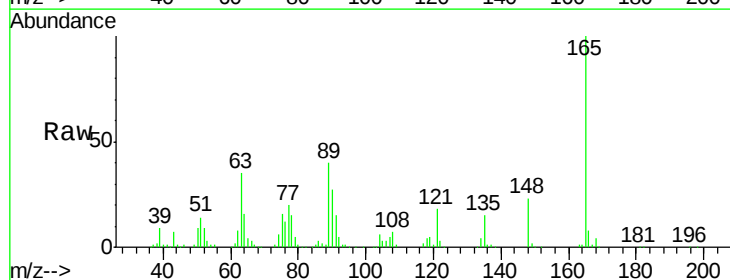
Tgt Ion:165 Resp: 253309

Ion Ratio Lower Upper

165 100

63 35.0 65.6 98.4#

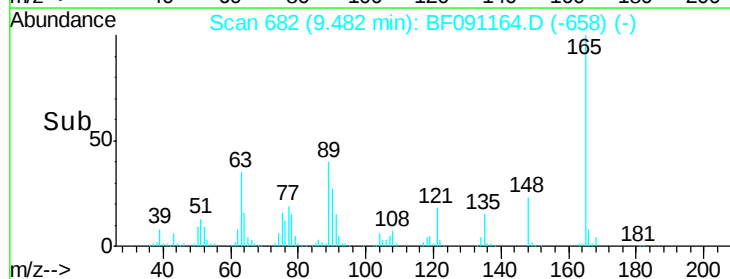
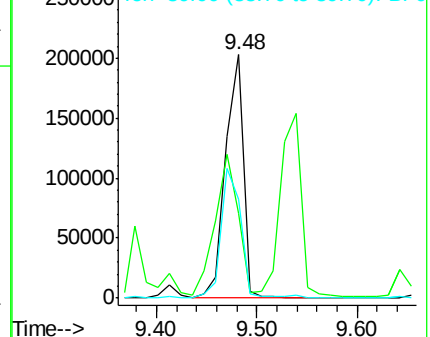
89 40.5 59.8 89.6#

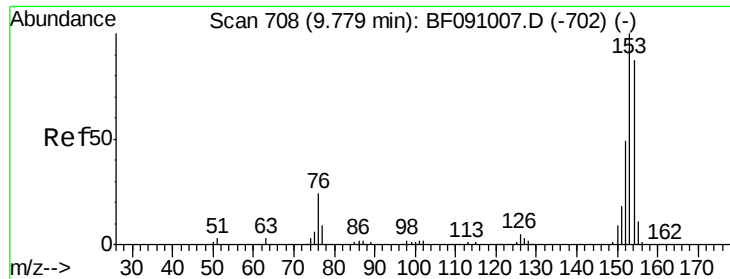


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.50 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

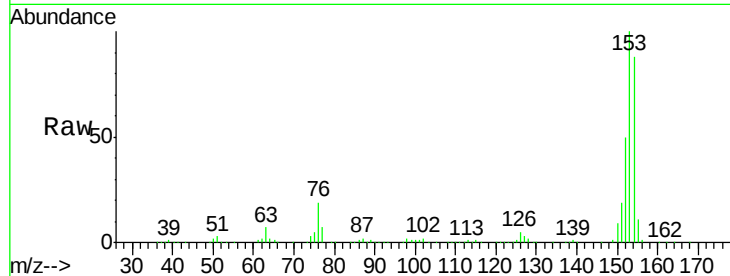
Tgt Ion:154 Resp: 902843

Ion Ratio Lower Upper

154 100

153 113.7 91.6 137.4

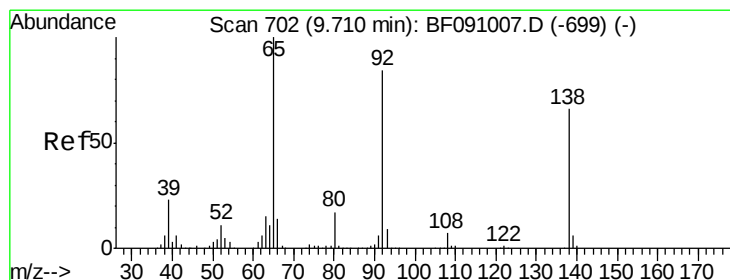
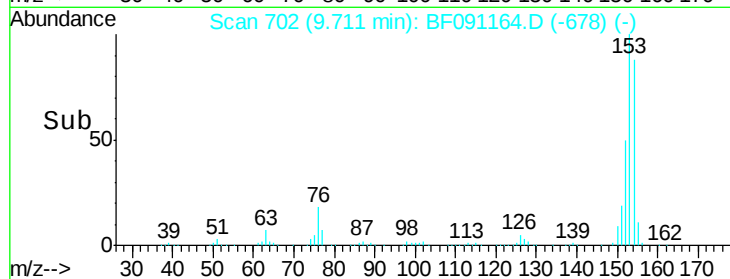
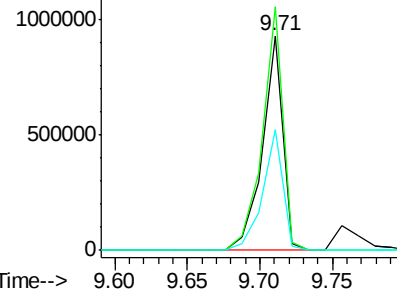
152 56.3 44.6 67.0



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: 19.94 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

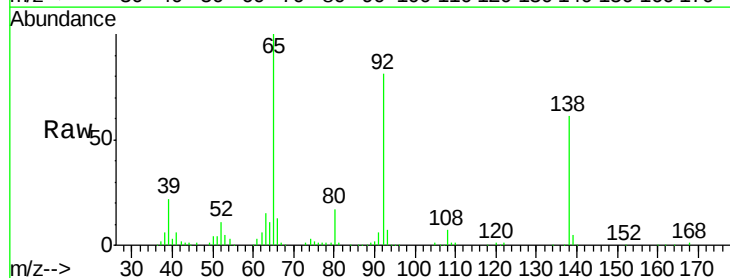
Tgt Ion:138 Resp: 140061

Ion Ratio Lower Upper

138 100

108 11.1 8.4 12.6

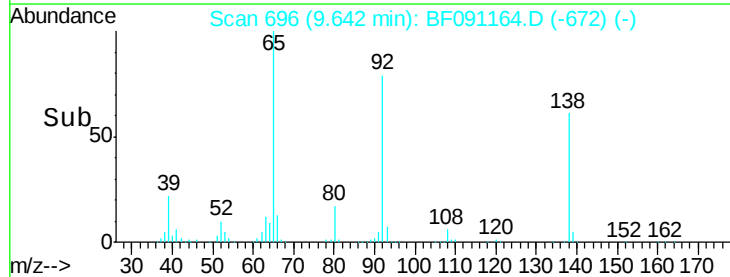
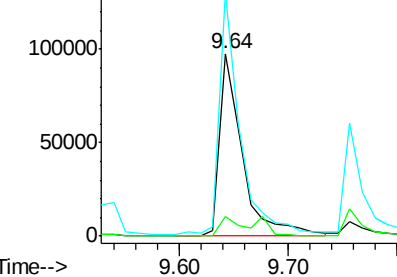
92 133.5 101.1 151.7

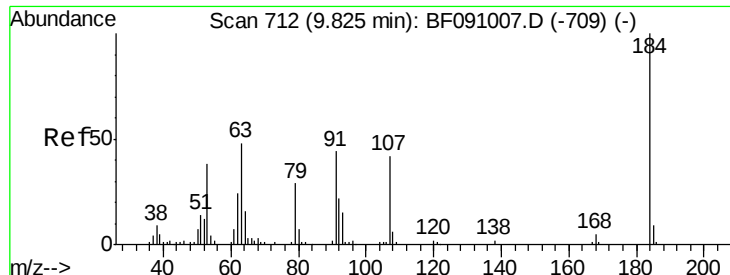


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

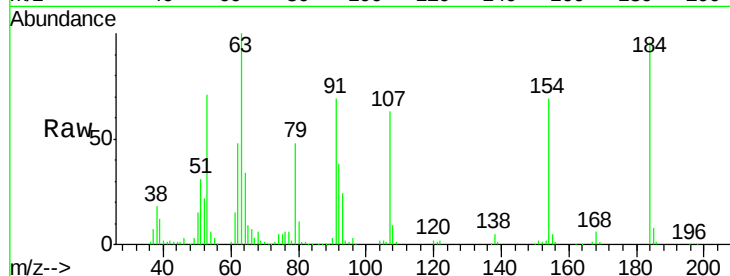




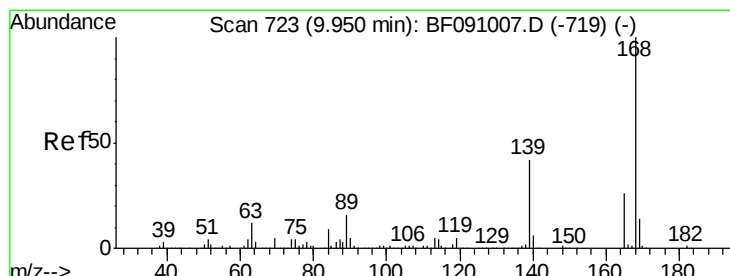
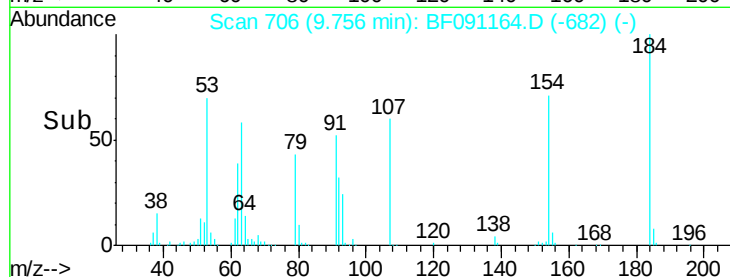
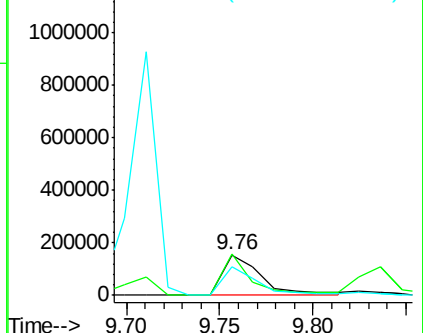
#53
2,4-Dinitrophenol
Concen: 70.90 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion:184 Resp: 226235
Ion Ratio Lower Upper
184 100
63 104.1 45.5 68.3#
154 71.3 51.0 76.4

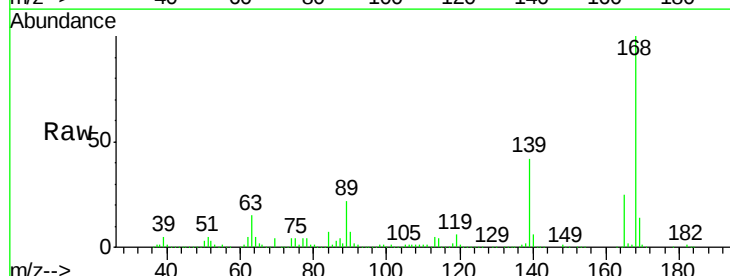


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

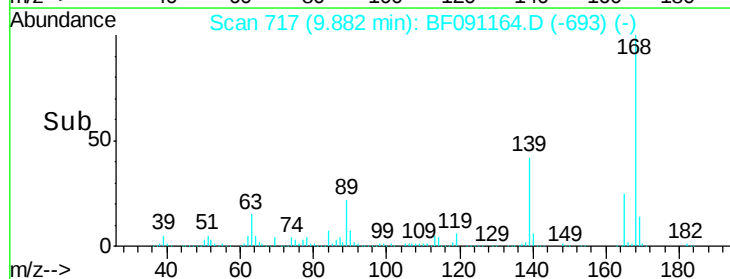
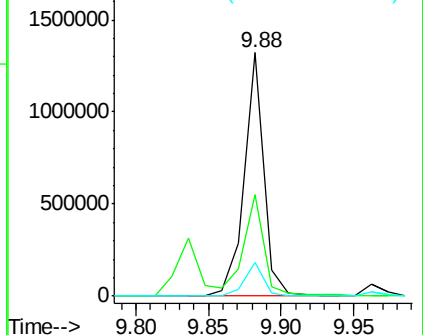


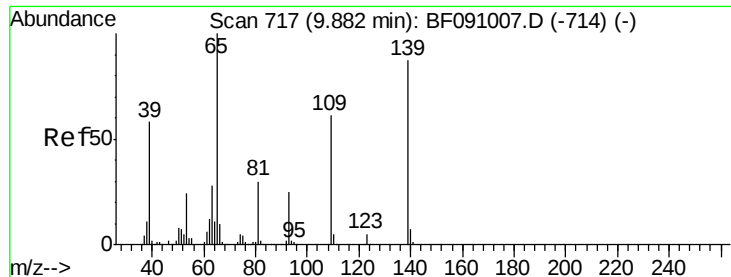
#54
Dibenzofuran
Concen: 40.38 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:168 Resp: 1242377
Ion Ratio Lower Upper
168 100
139 41.5 34.8 52.2
169 14.0 11.4 17.2



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

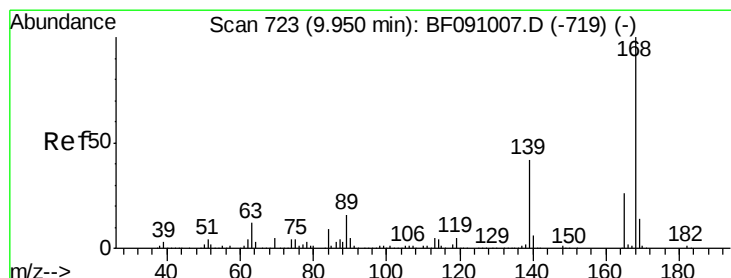
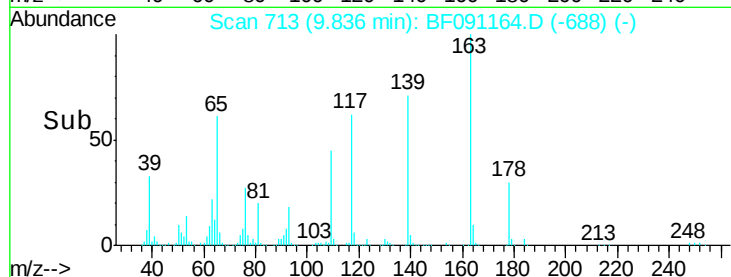
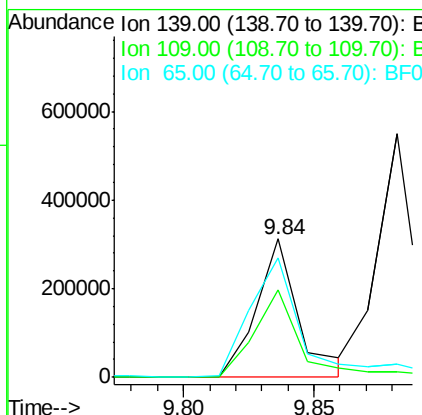
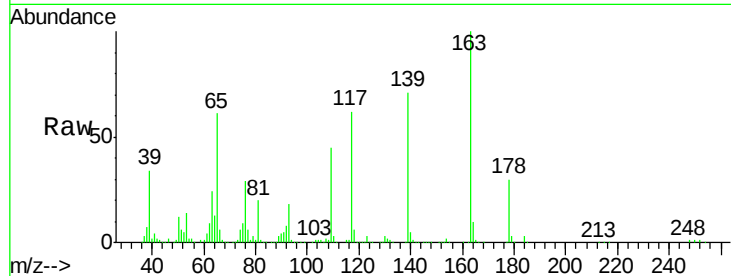




#55
4-Nitrophenol
Concen: 75.65 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

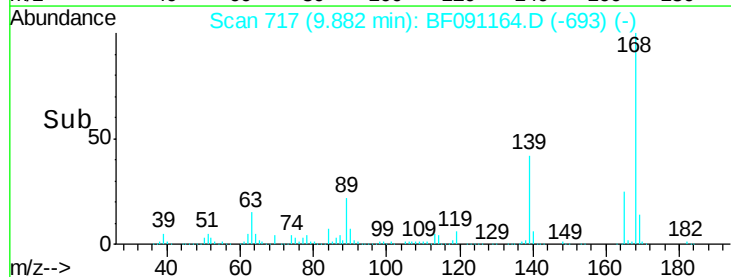
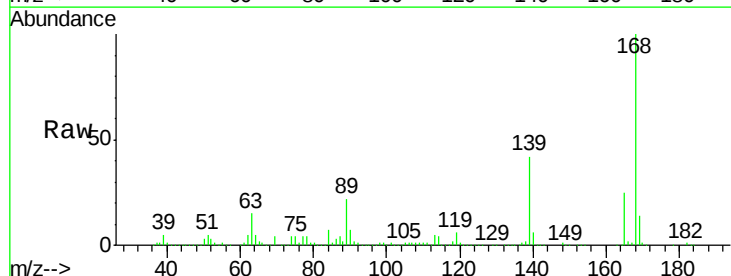
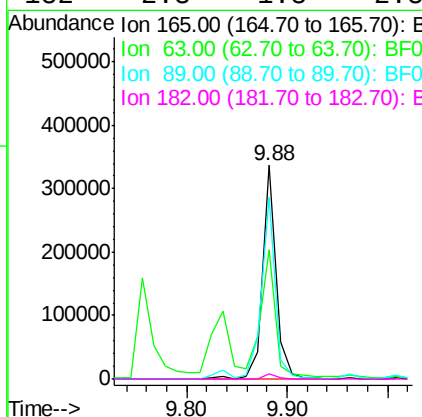
Instrument :
BNA_F
ClientSampleId :
PB94712BS

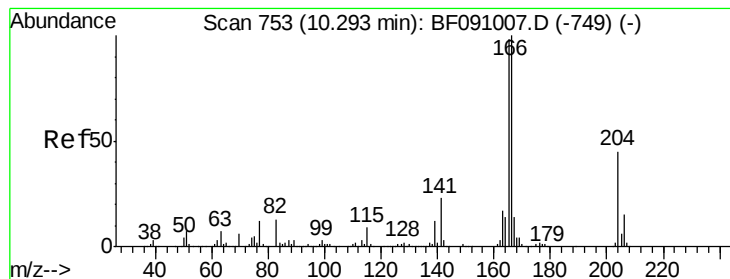
Tgt Ion:139 Resp: 352238
Ion Ratio Lower Upper
139 100
109 63.3 50.5 90.5
65 86.6 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 41.76 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:165 Resp: 314678
Ion Ratio Lower Upper
165 100
63 60.6 38.7 58.1#
89 85.1 50.6 76.0#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 43.06 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

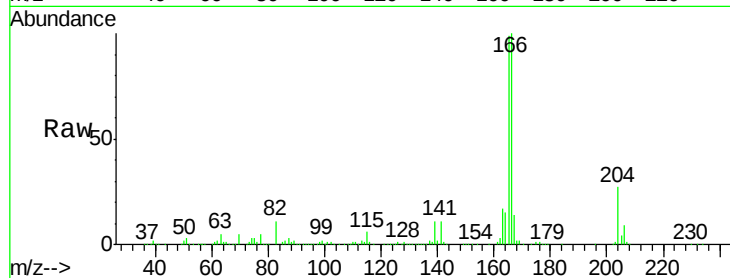
Tgt Ion:166 Resp: 1082975

Ion Ratio Lower Upper

166 100

165 98.7 78.6 118.0

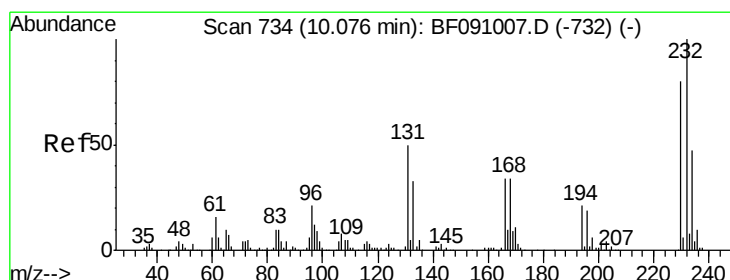
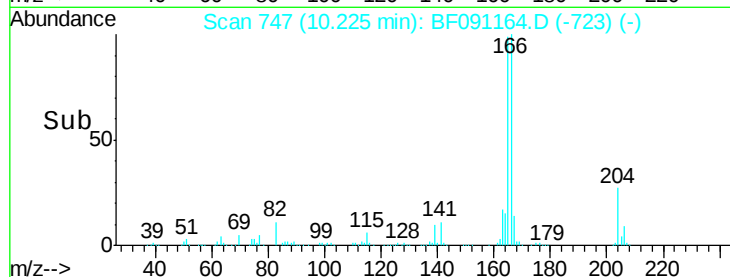
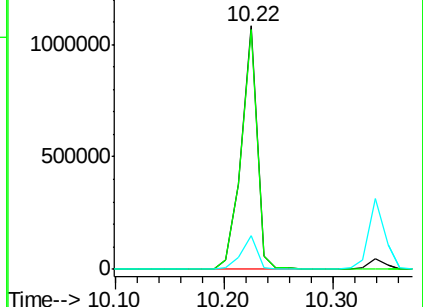
167 13.9 11.1 16.7



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: 48.17 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Tgt Ion:232 Resp: 274845

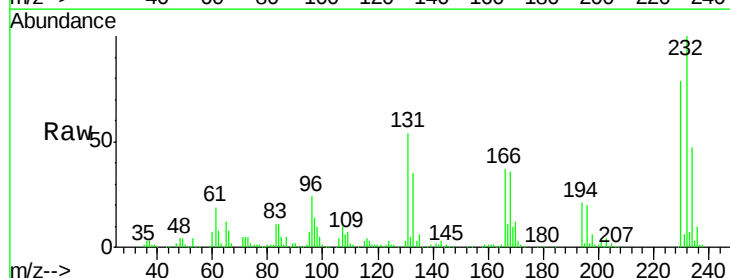
Ion Ratio Lower Upper

232 100

131 52.3 43.6 65.4

130 2.6 2.0 3.0

166 33.7 27.4 41.2

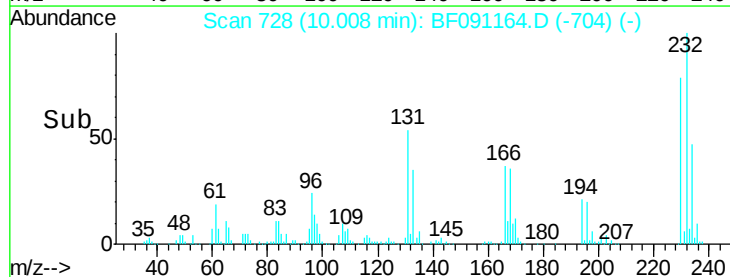
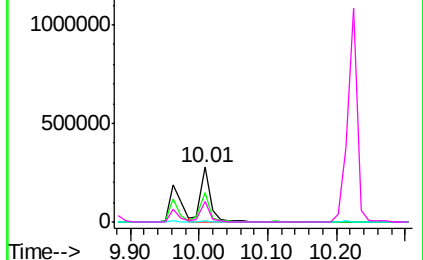


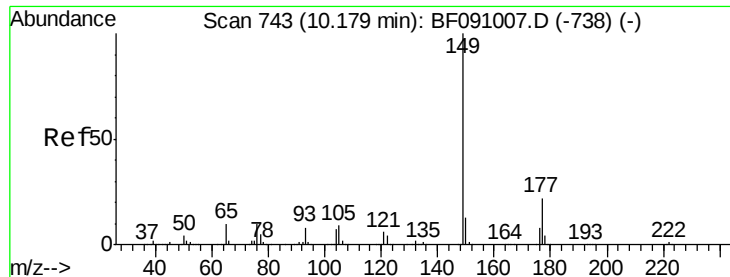
Abundance Ion 232.00 (231.70 to 232.70): E

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

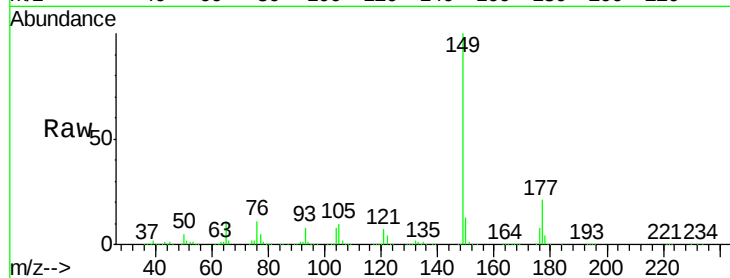




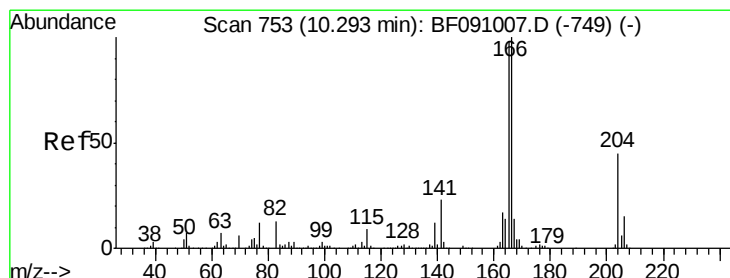
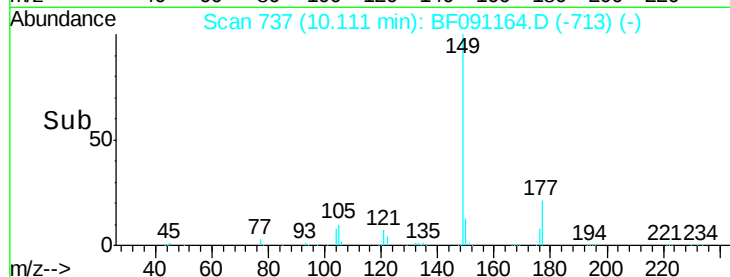
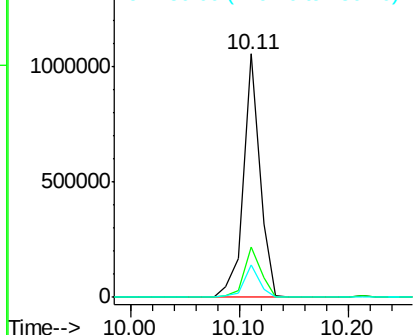
#59
Diethylphthalate
Concen: 38.84 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampled :
PB94712BS

Tgt Ion:149 Resp: 1100507
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 13.3 10.3 15.5

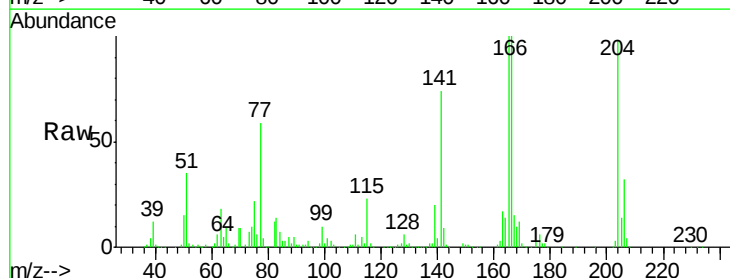


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

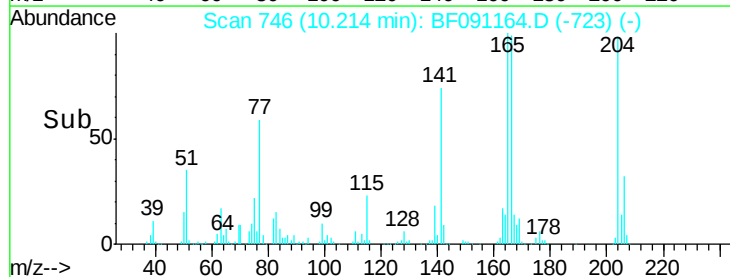
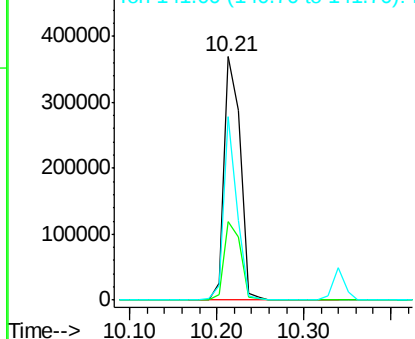


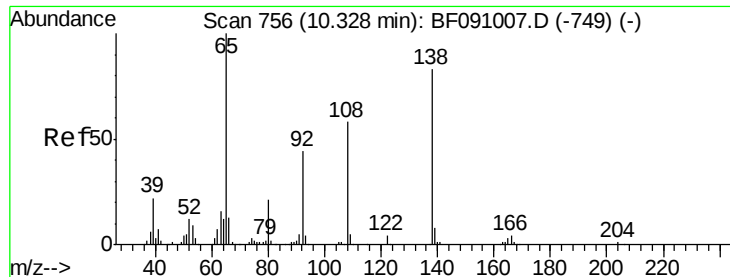
#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:204 Resp: 483342
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 75.5 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: 37.06 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

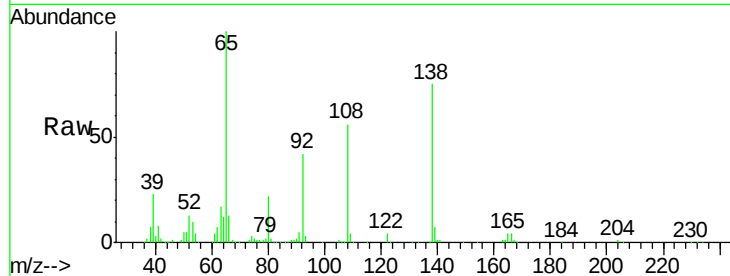
Tgt Ion:138 Resp: 263291

Ion Ratio Lower Upper

138 100

92 56.1 32.5 72.5

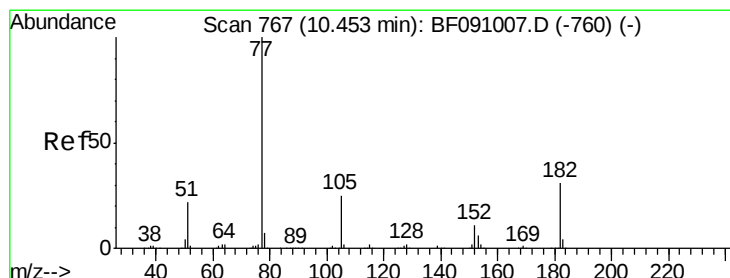
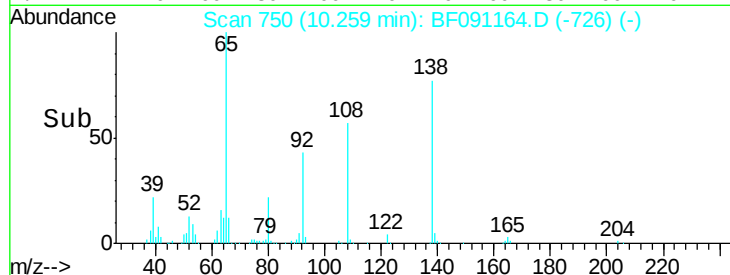
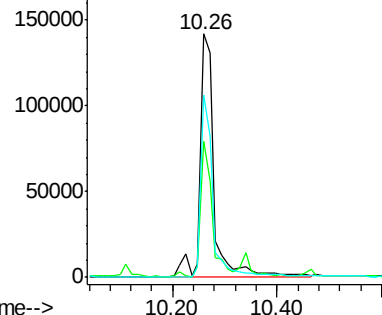
108 75.0 49.4 89.4



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: 38.14 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Tgt Ion: 77 Resp: 1272155

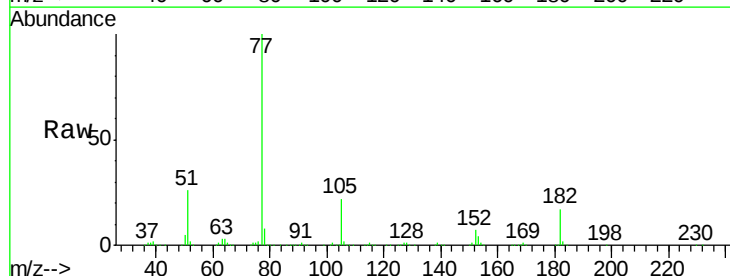
Ion Ratio Lower Upper

77 100

182 16.7 11.0 51.0

105 22.0 5.6 45.6

51 26.4 2.7 42.7

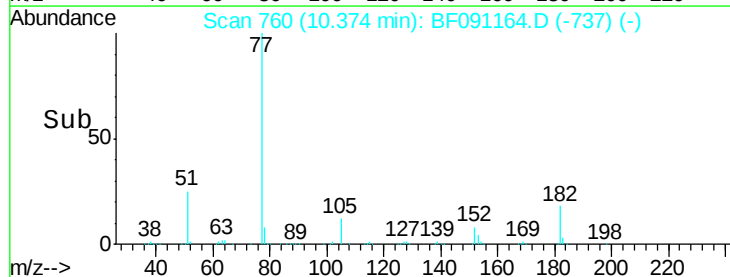
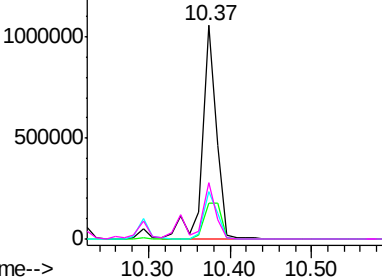


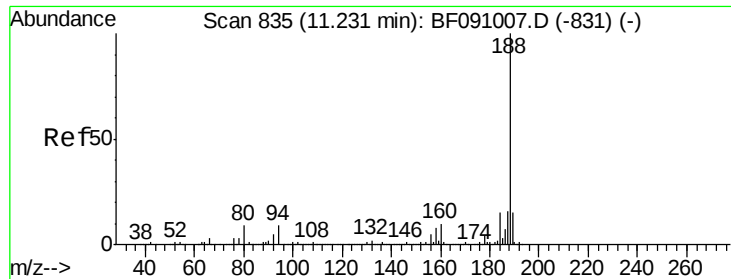
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

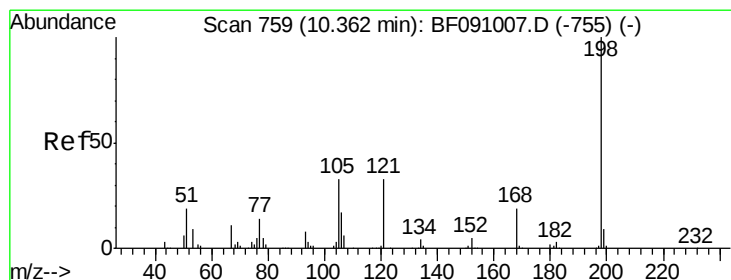
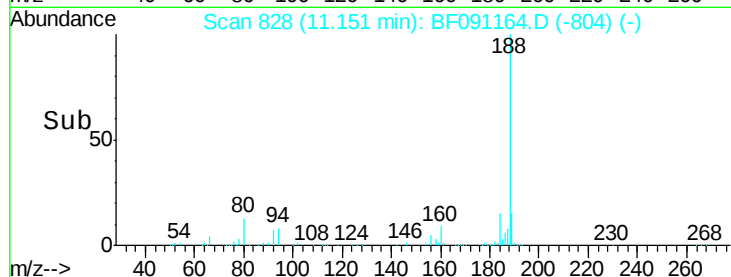
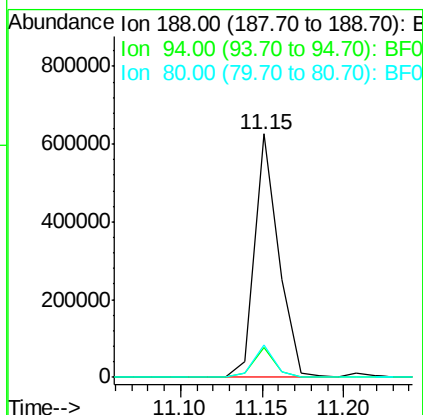
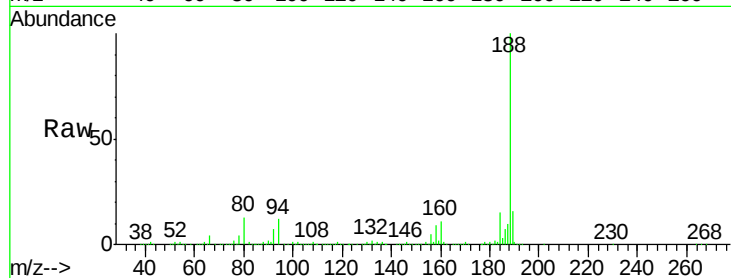




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

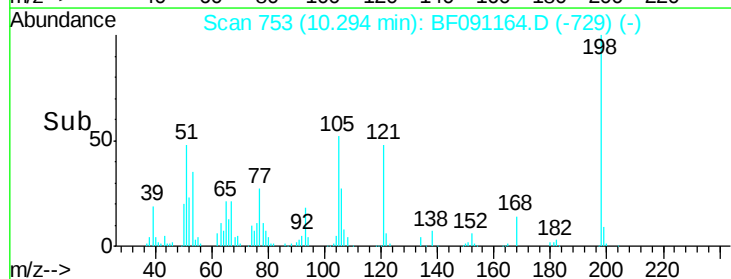
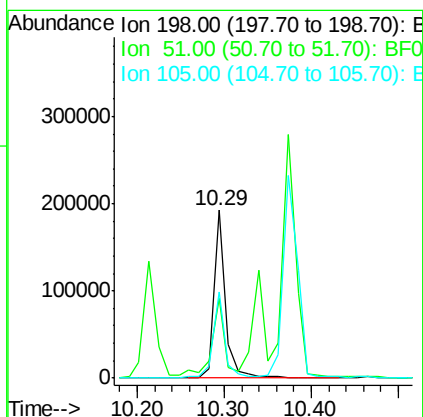
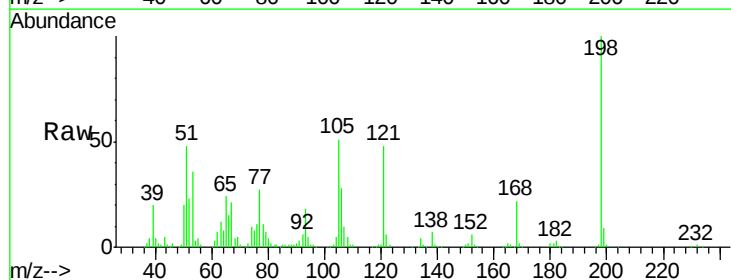
Instrument :
BNA_F
ClientSampleId :
PB94712BS

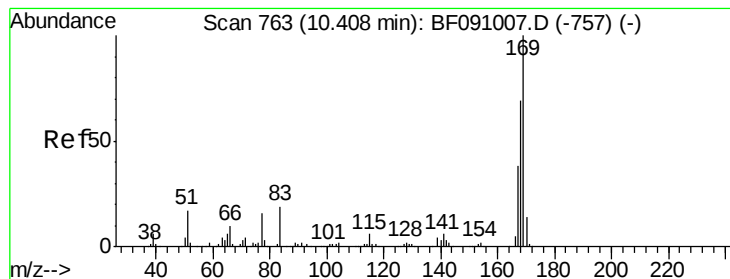
Tgt Ion:188 Resp: 643212
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.4#
80 13.3 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.34 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:198 Resp: 182533
Ion Ratio Lower Upper
198 100
51 47.8 5.9 45.9#
105 51.2 13.8 53.8





#65

n-Nitrosodiphenylamine

Concen: 42.63 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

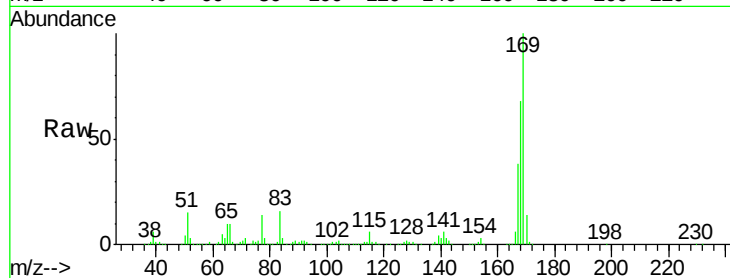
Tgt Ion:169 Resp: 871518

Ion Ratio Lower Upper

169 100

168 68.2 55.3 82.9

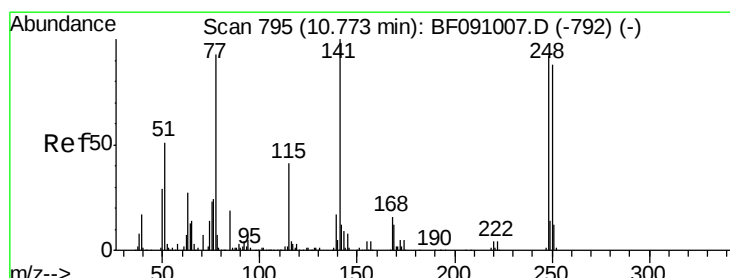
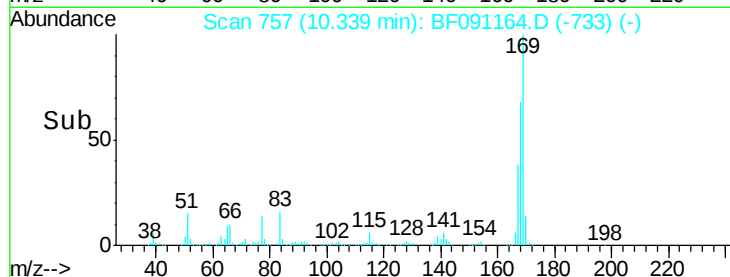
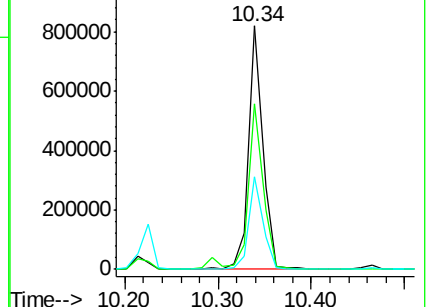
167 38.2 30.3 45.5



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: 47.89 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

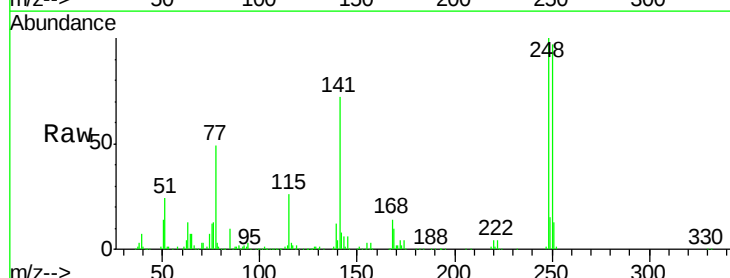
Tgt Ion:248 Resp: 320395

Ion Ratio Lower Upper

248 100

250 96.6 76.3 114.5

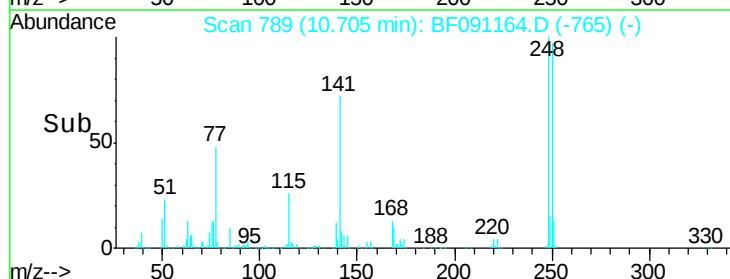
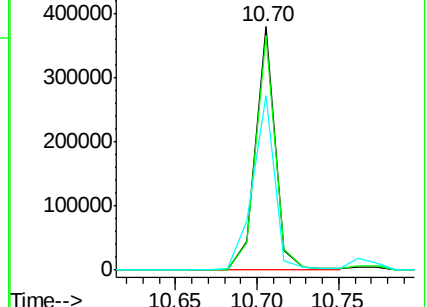
141 71.7 86.8 130.2#

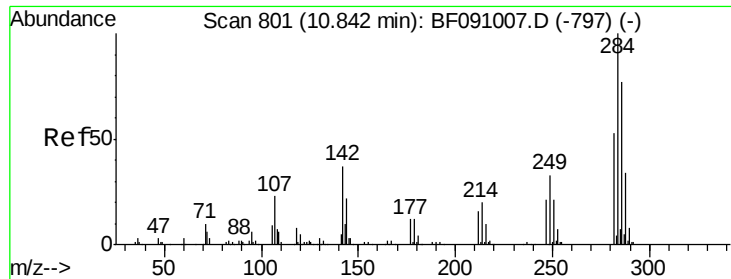


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

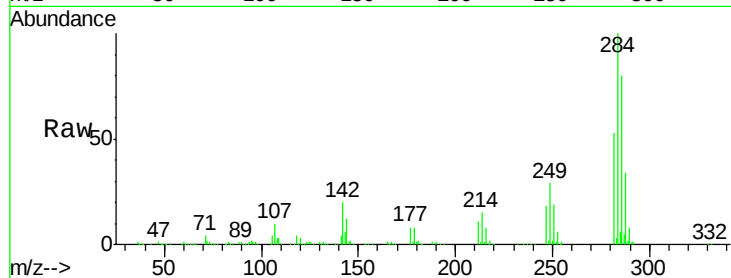




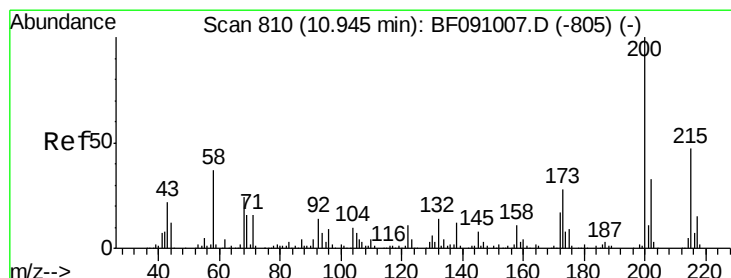
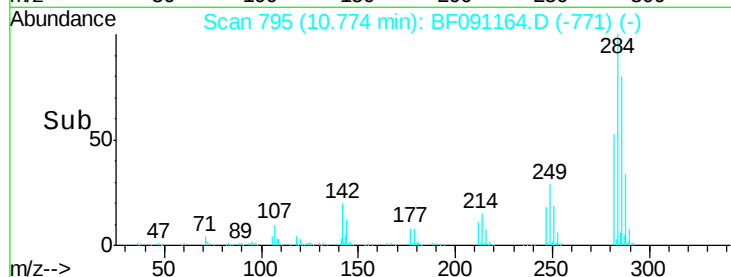
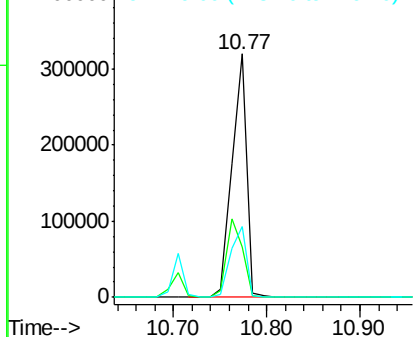
#67
Hexachlorobenzene
Concen: 48.10 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion: 284 Resp: 354954
Ion Ratio Lower Upper
284 100
142 20.5 29.9 44.9#
249 29.2 26.6 39.8

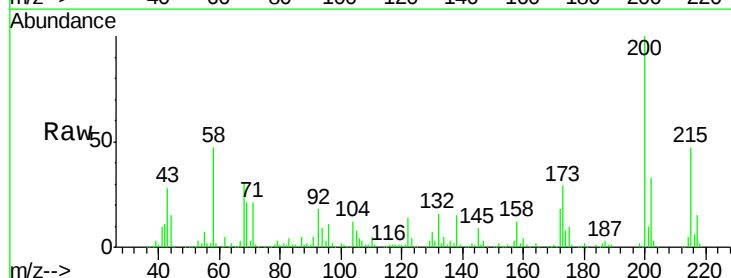


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

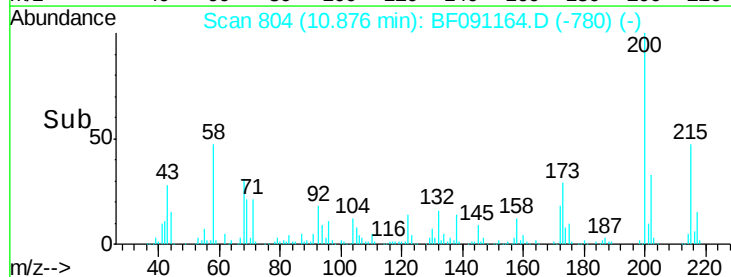
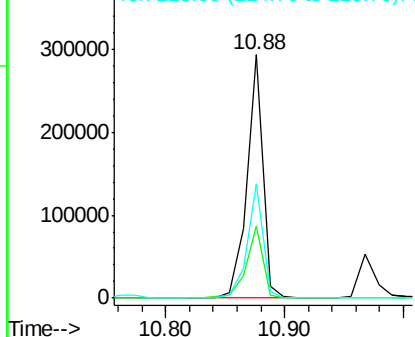


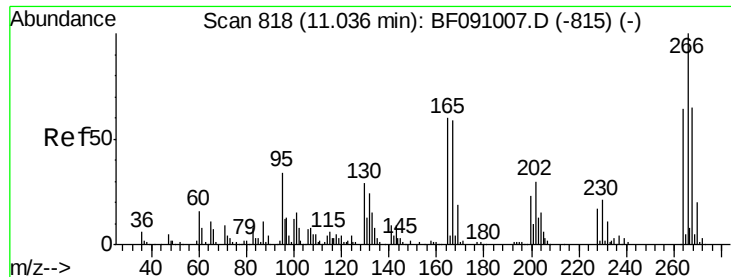
#68
Atrazine
Concen: 47.07 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 200 Resp: 277600
Ion Ratio Lower Upper
200 100
173 29.4 8.1 48.1
215 46.9 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

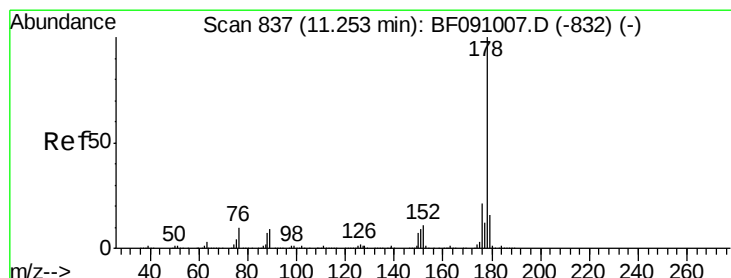
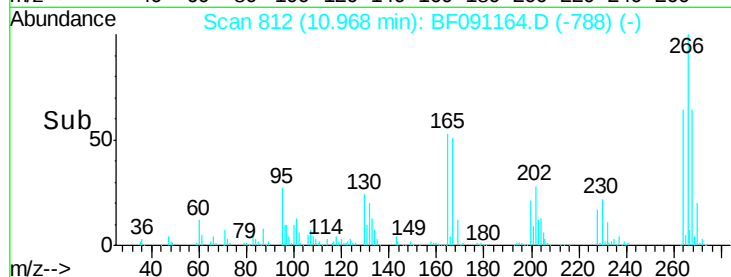
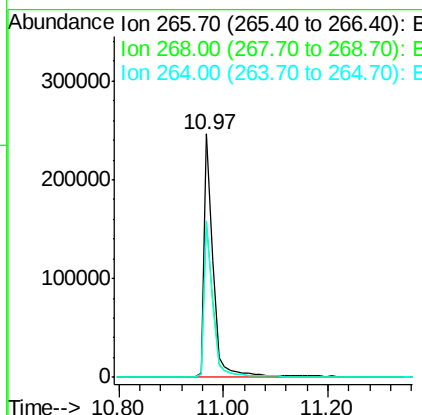
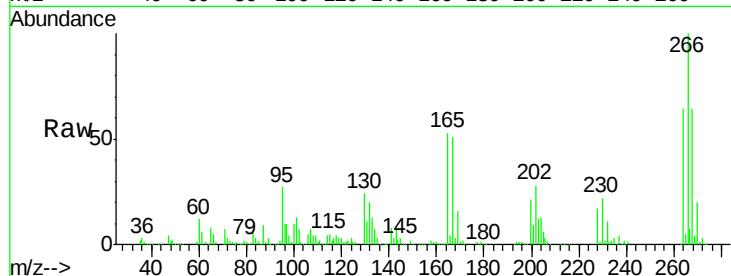




#69
 Pentachlorophenol
 Concen: 93.74 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

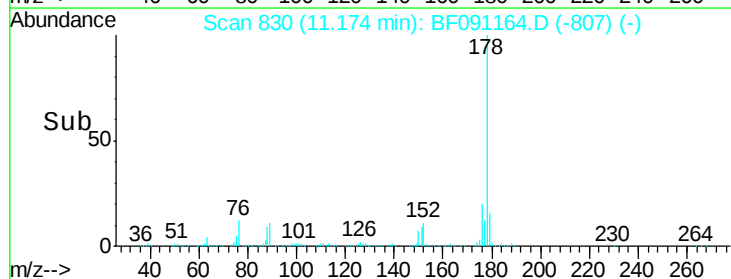
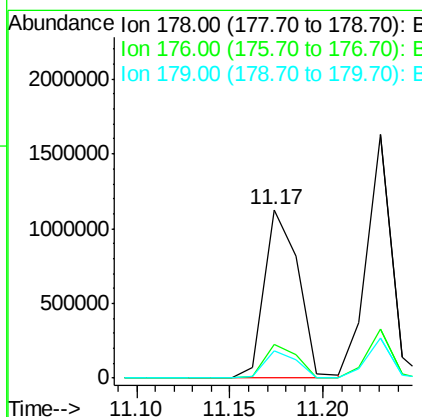
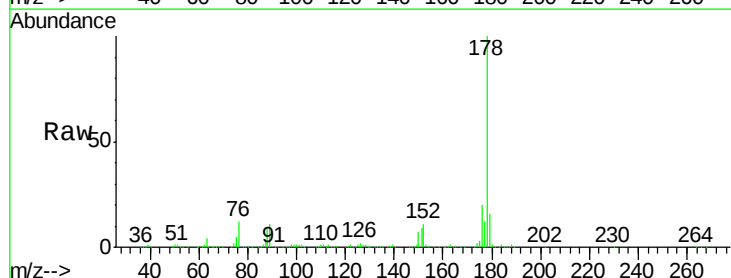
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

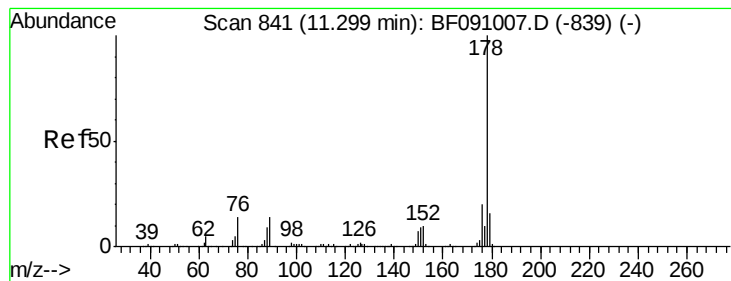
Tgt Ion:266 Resp: 306371
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.1 78.1
 264 64.5 51.1 76.7



#70
 Phenanthrene
 Concen: 41.53 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:178 Resp: 1419944
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.3 12.9 19.3





#71

Anthracene

Concen: 41.96 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

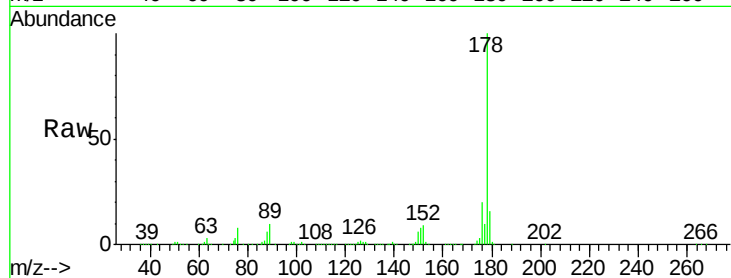
Tgt Ion:178 Resp: 1525420

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

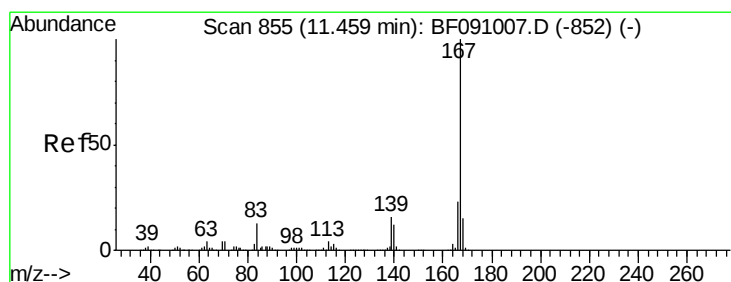
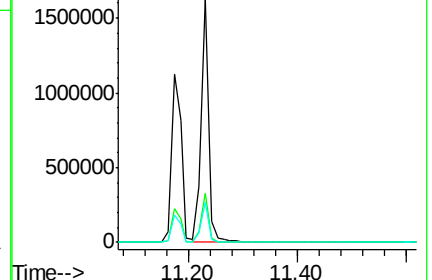
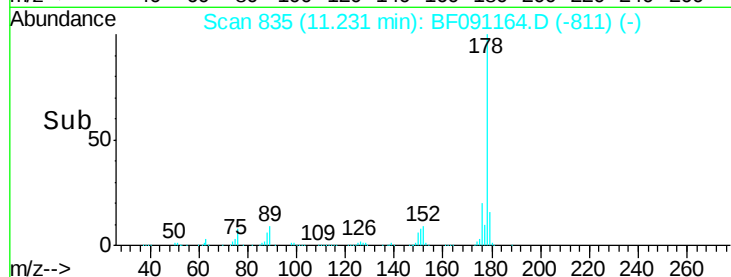
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.70 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

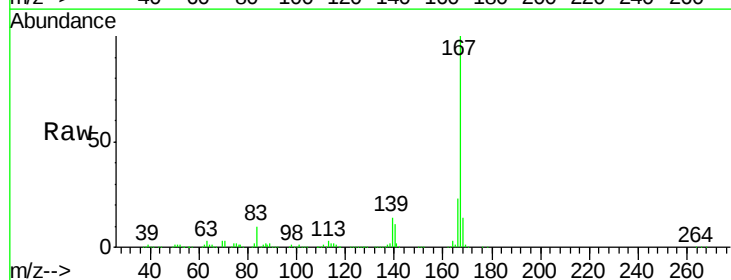
Tgt Ion:167 Resp: 1333338

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

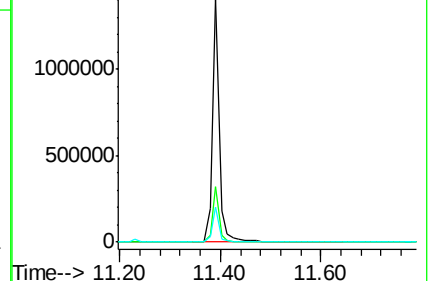
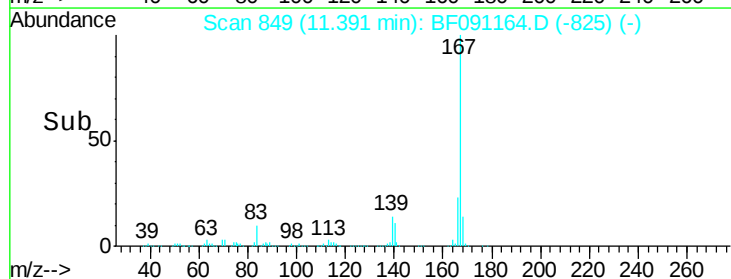
139 14.4 12.6 18.8

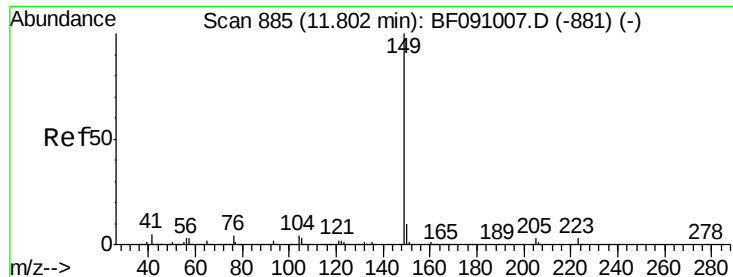


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

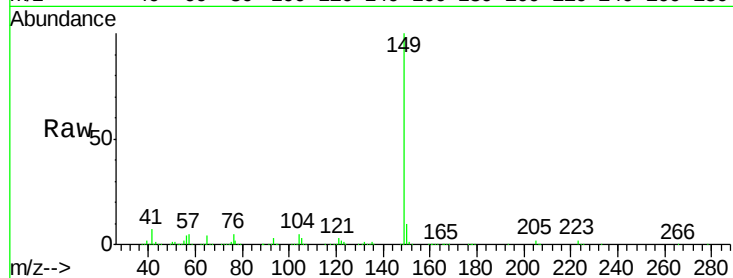
Tgt Ion:149 Resp: 1675167

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

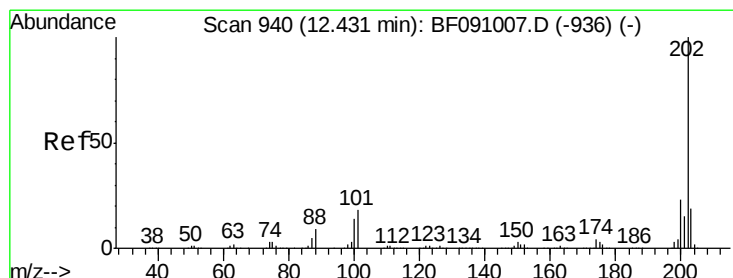
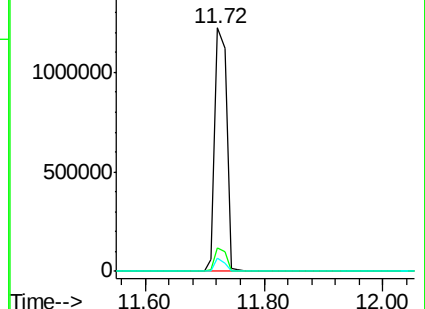
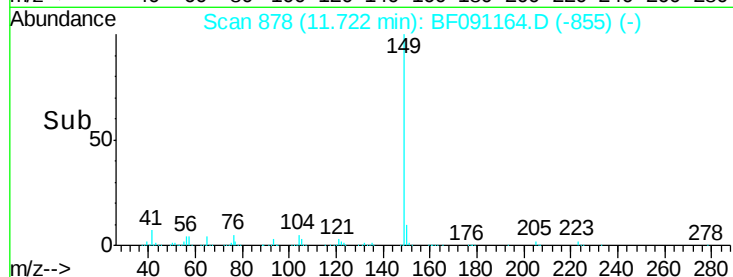
104 5.2 3.6 5.4



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: 45.26 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

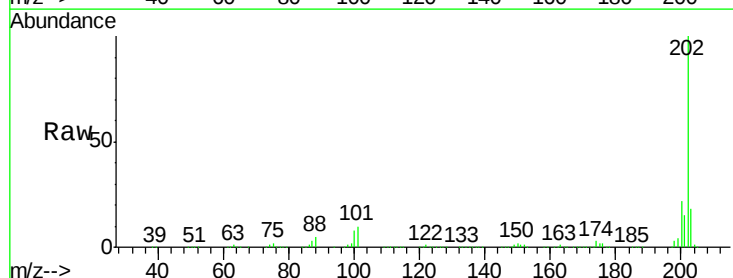
Tgt Ion:202 Resp: 1605030

Ion Ratio Lower Upper

202 100

101 10.5 0.0 37.6

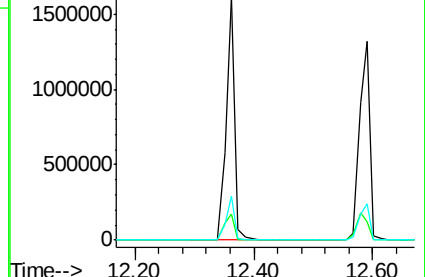
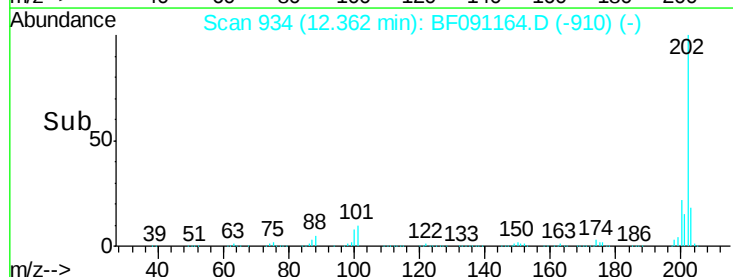
203 18.3 0.0 38.6

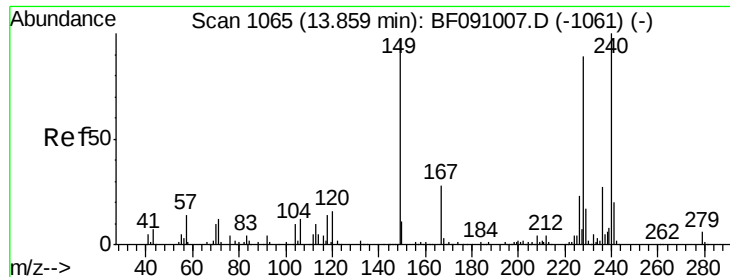


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

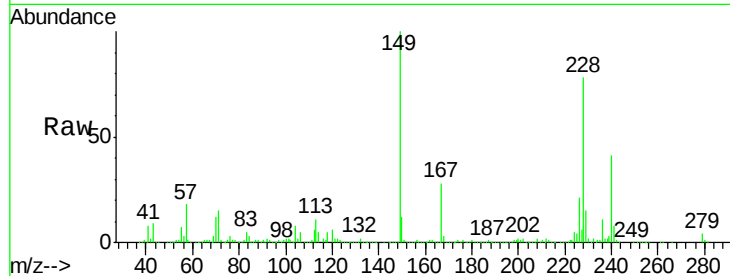
Tgt Ion:240 Resp: 536524

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

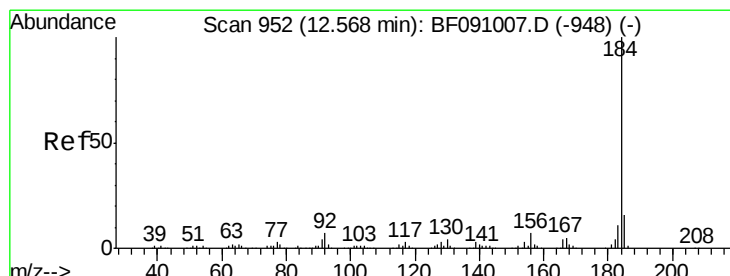
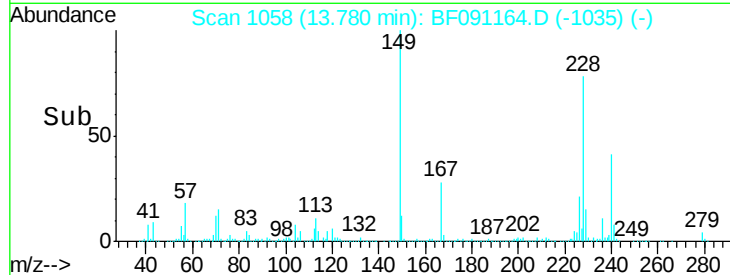
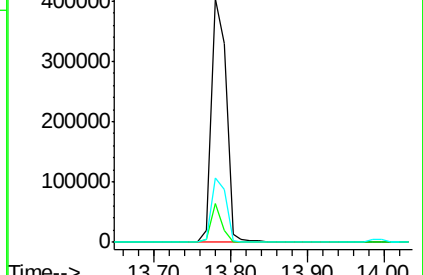
236 26.6 21.9 32.9



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: 42.74 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

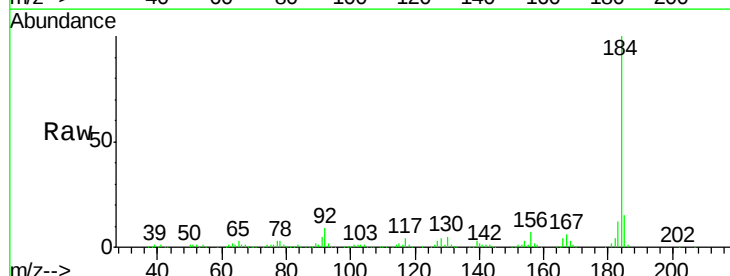
Tgt Ion:184 Resp: 512342

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.4

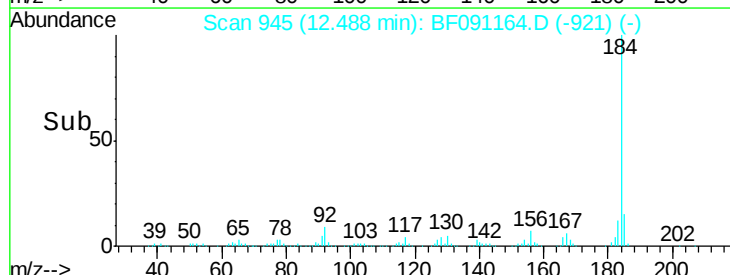
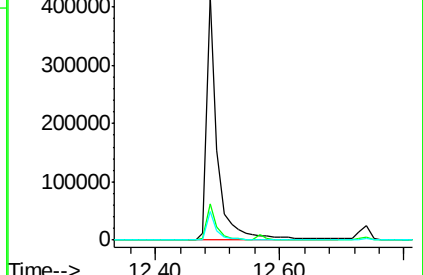
183 11.5 8.7 13.1

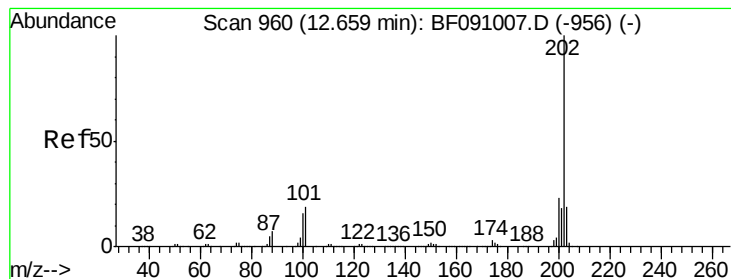


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.51 ng

RT: 12.59 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

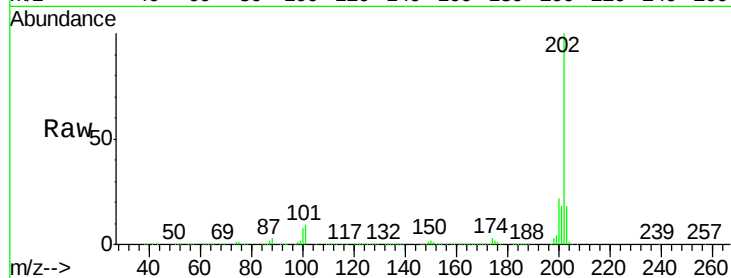
Tgt Ion:202 Resp: 1598962

Ion Ratio Lower Upper

202 100

200 22.2 18.4 27.6

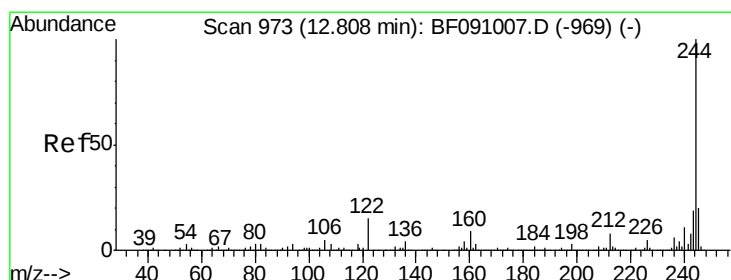
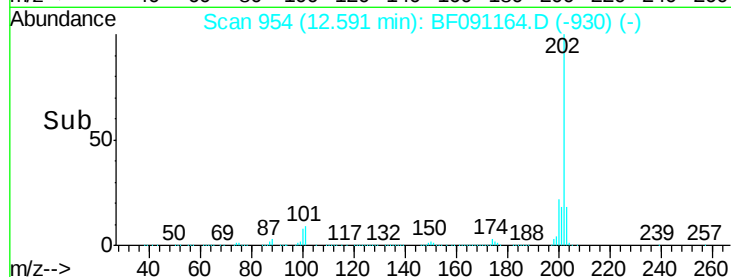
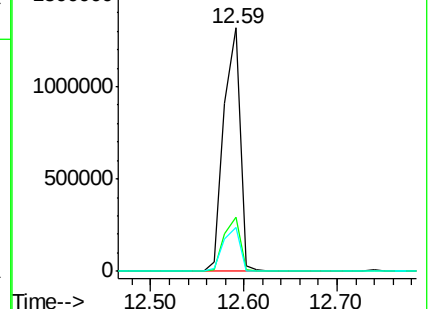
203 17.9 15.0 22.6



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: 93.24 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

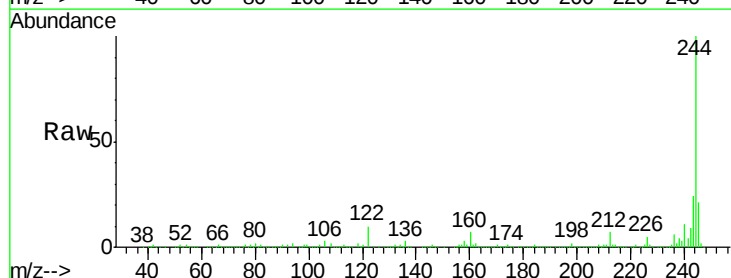
Tgt Ion:244 Resp: 2004715

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

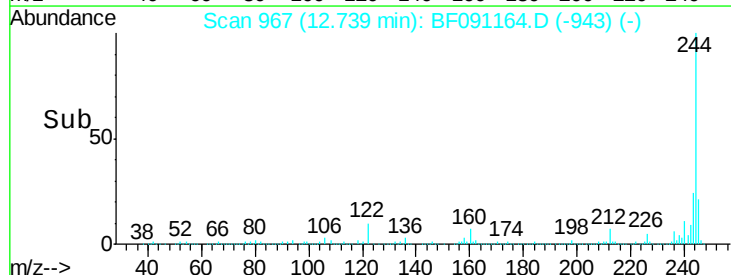
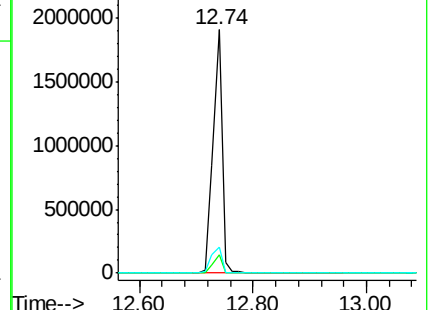
122 10.4 12.3 18.5#

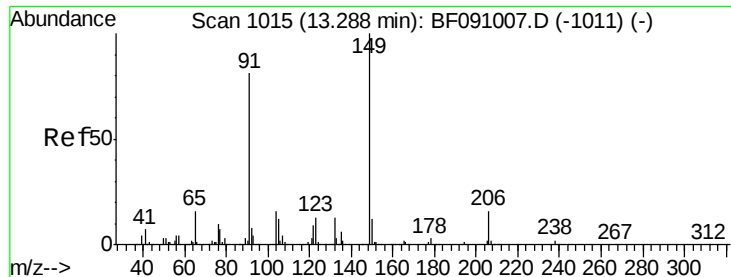


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.20 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

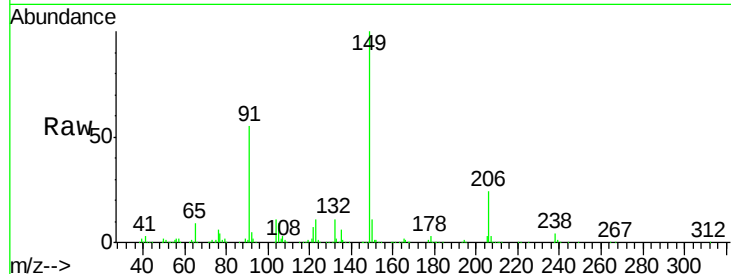
Tgt Ion:149 Resp: 759669

Ion Ratio Lower Upper

149 100

91 55.3 65.0 97.4#

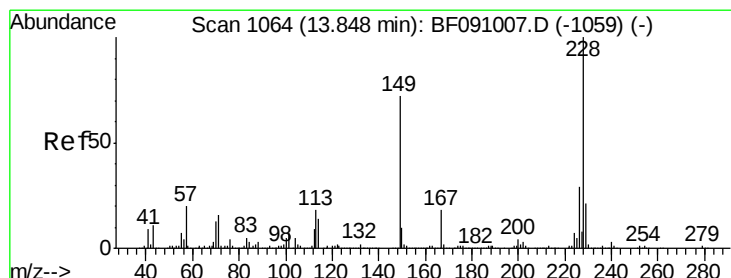
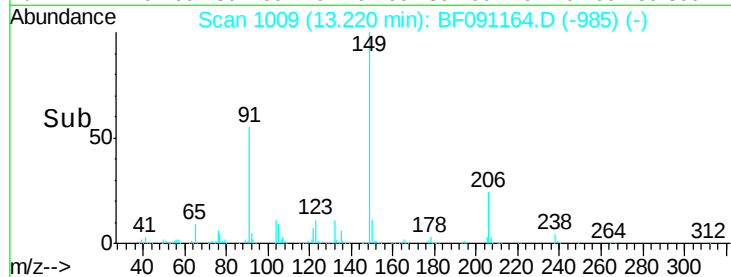
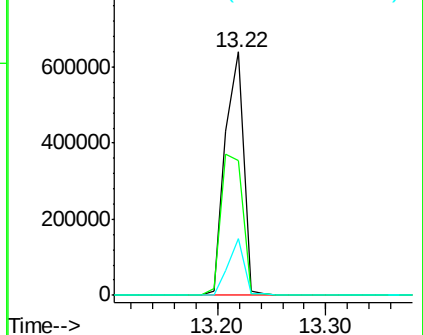
206 23.5 12.5 18.7#



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: 43.40 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

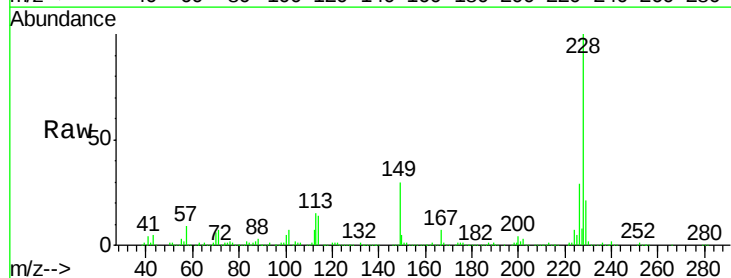
Tgt Ion:228 Resp: 1322081

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

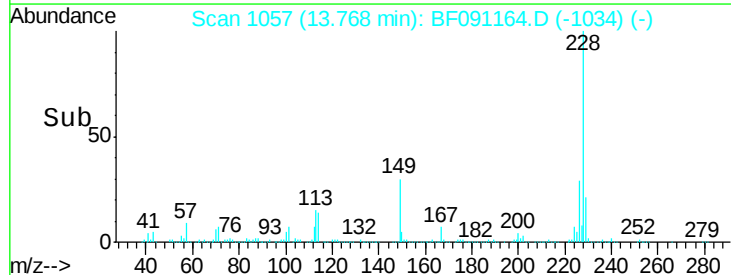
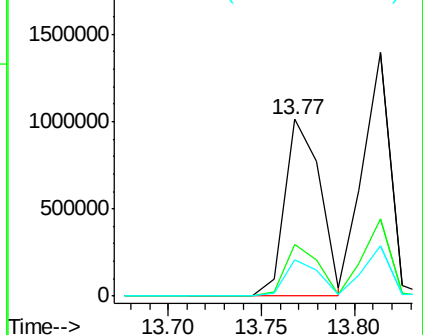
229 20.9 16.6 24.8

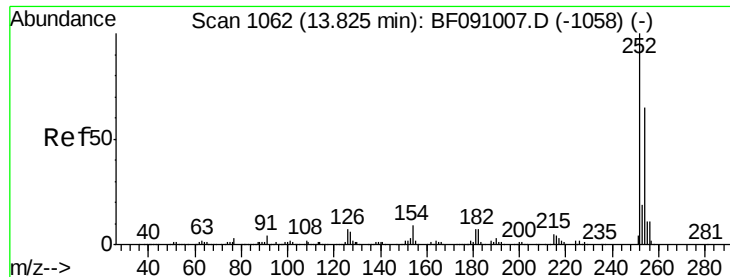


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

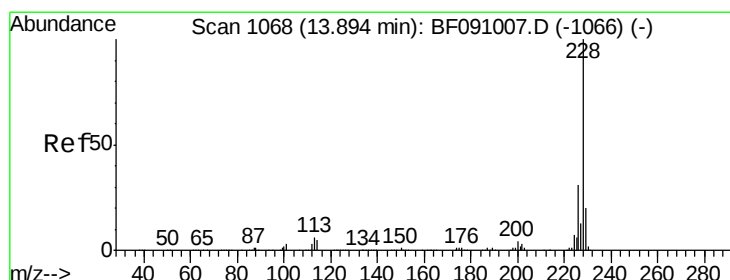
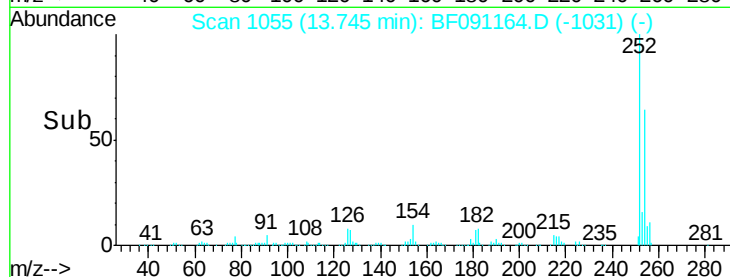
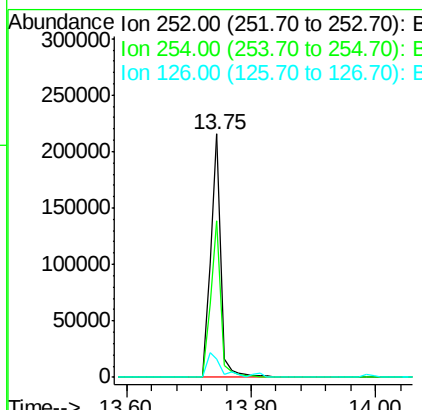
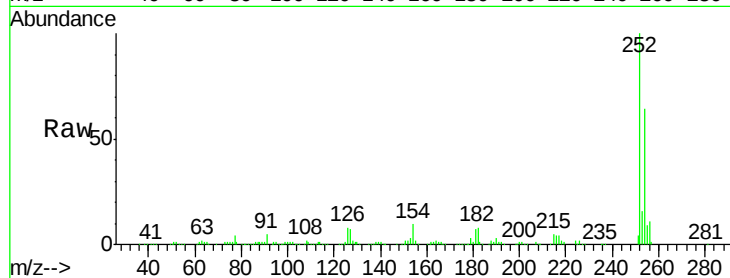




#81
 3,3'-Dichlorobenzidine
 Concen: 22.89 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

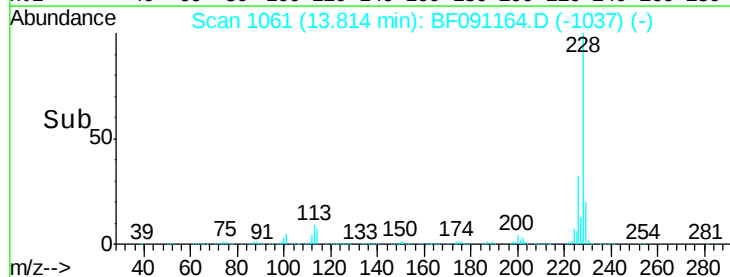
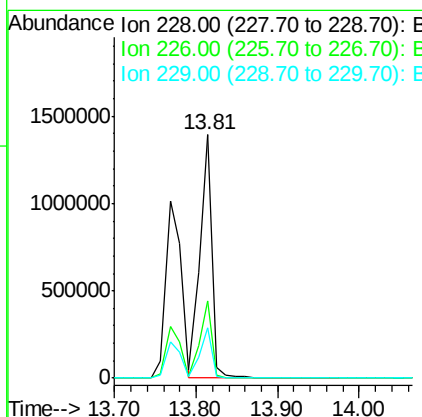
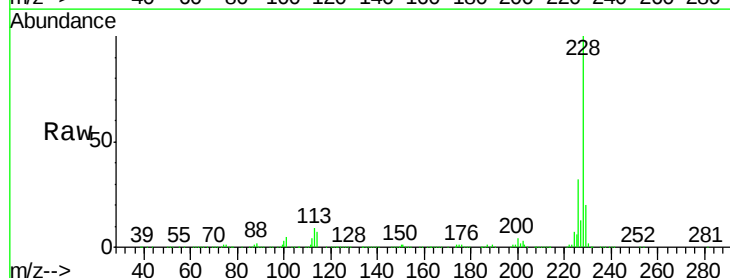
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

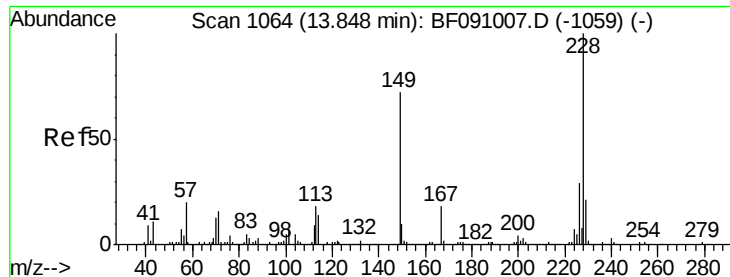
Tgt Ion: 252 Resp: 245004
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.0 78.0
 126 7.7 5.4 8.2



#82
 Chrysene
 Concen: 48.03 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion: 228 Resp: 1442662
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.5 15.9 23.9

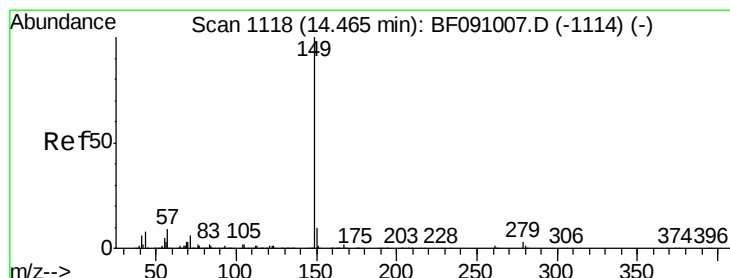
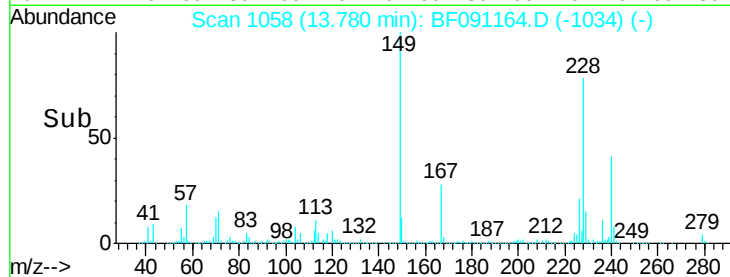
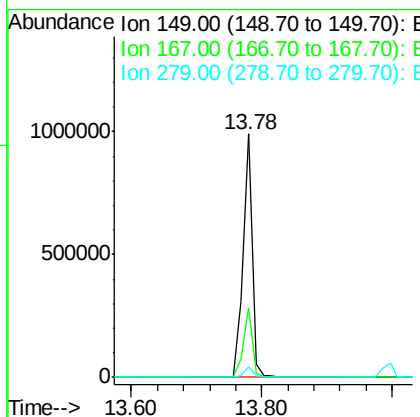
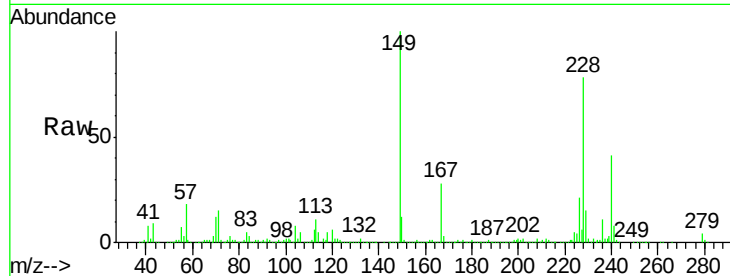




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.36 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

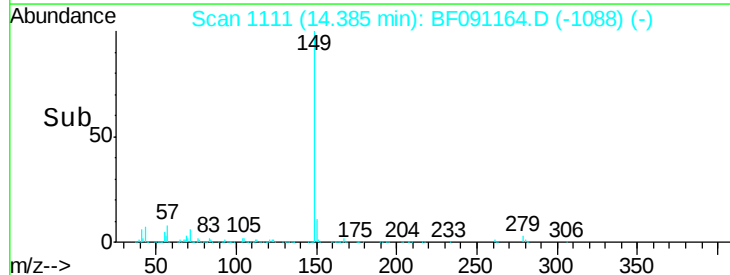
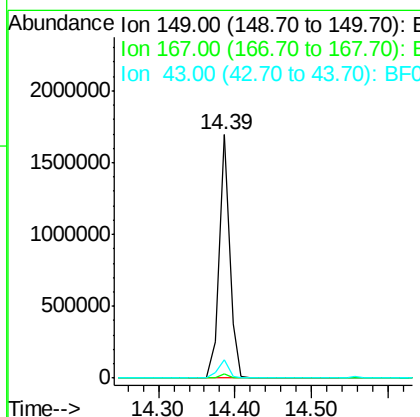
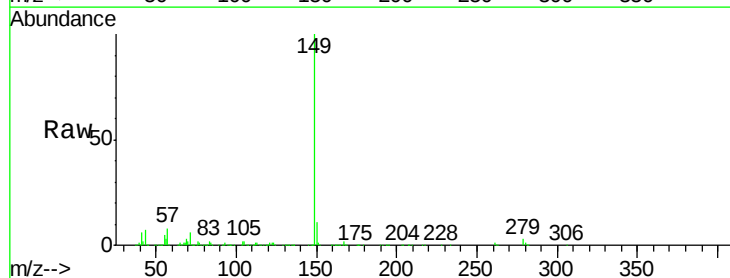
Instrument :
 BNA_F
 ClientSampleId :
 PB94712BS

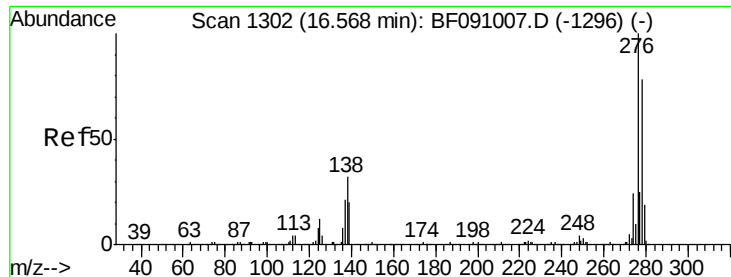
Tgt Ion:149 Resp: 940659
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.4 30.6
 279 4.3 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 43.14 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091164.D
 Acq: 14 Nov 2016 15:10

Tgt Ion:149 Resp: 1613386
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 7.6 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.84 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.05 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

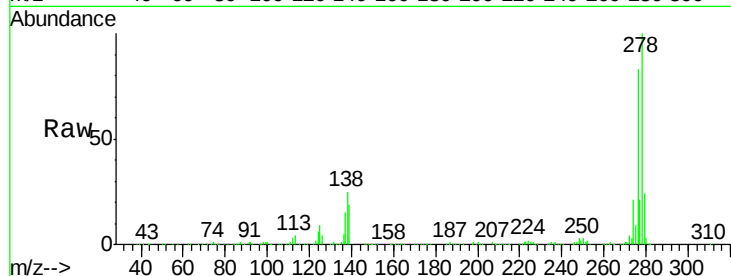
Tgt Ion:276 Resp: 1117643

Ion Ratio Lower Upper

276 100

138 28.8 26.0 39.0

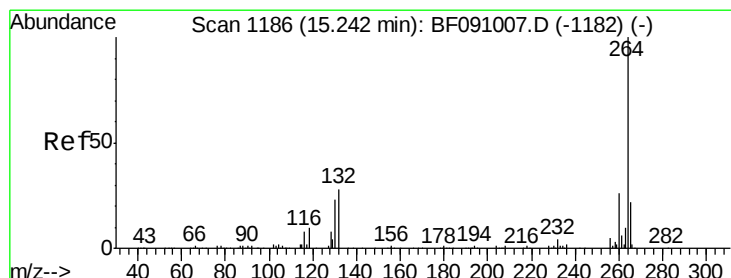
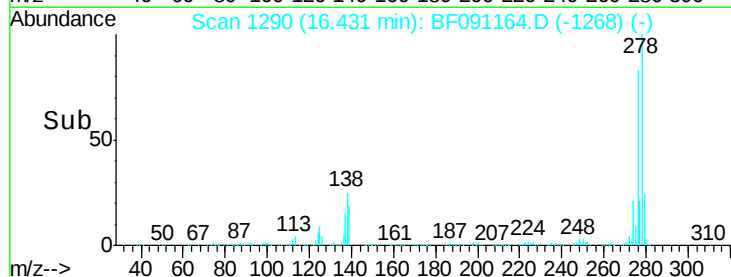
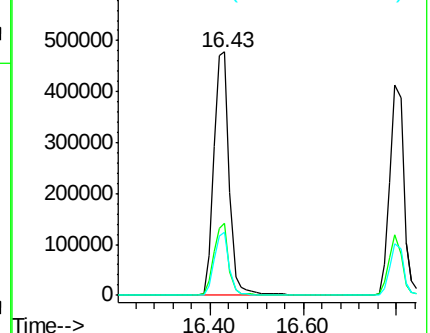
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1178

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

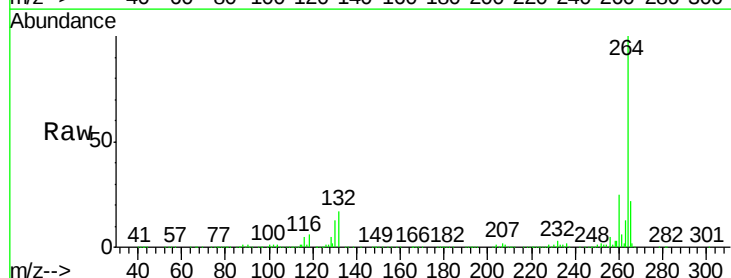
Tgt Ion:264 Resp: 471059

Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

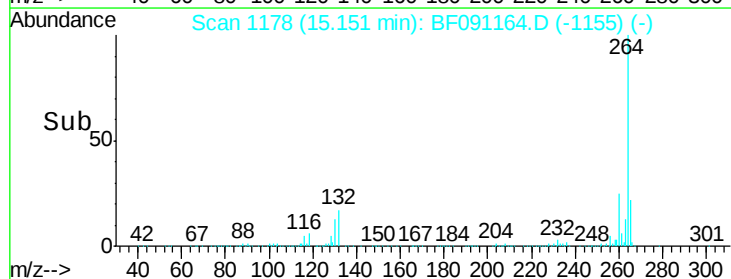
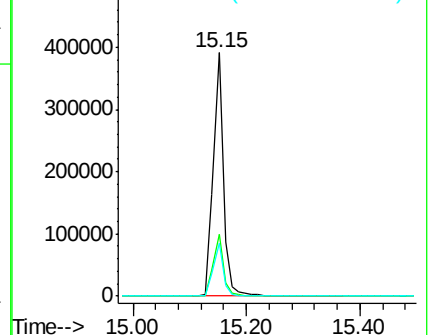
265 21.9 17.8 26.8

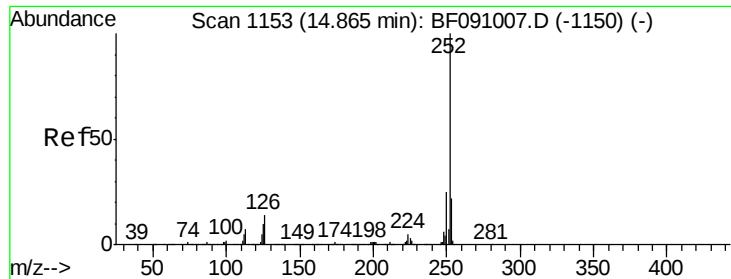


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.94 ng

RT: 14.81 min Scan# 1148

Delta R.T. 0.00 min

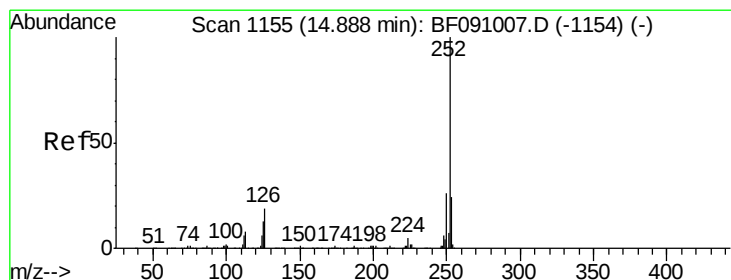
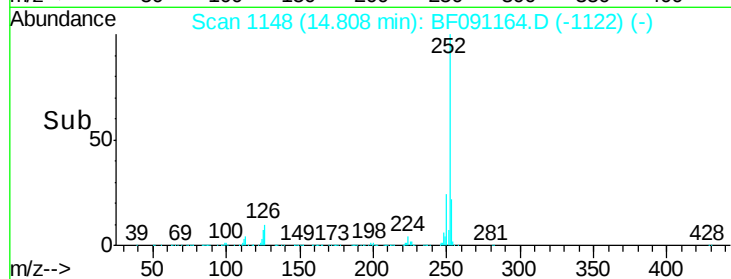
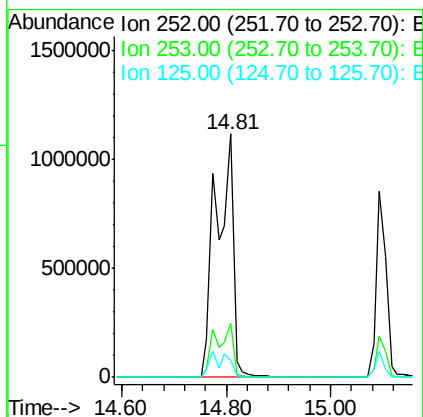
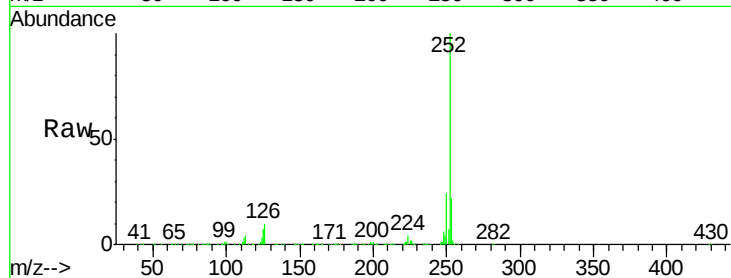
Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Tgt Ion:252 Resp: 2554135

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	6.7	8.3	12.5#



#88

Benzo(k)fluoranthene

Concen: 91.21 ng

RT: 14.81 min Scan# 1148

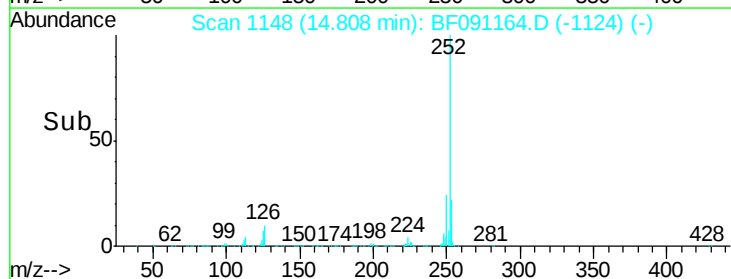
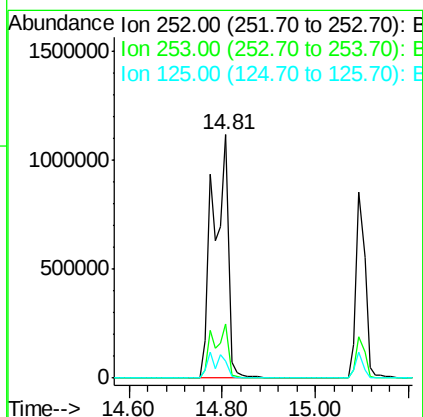
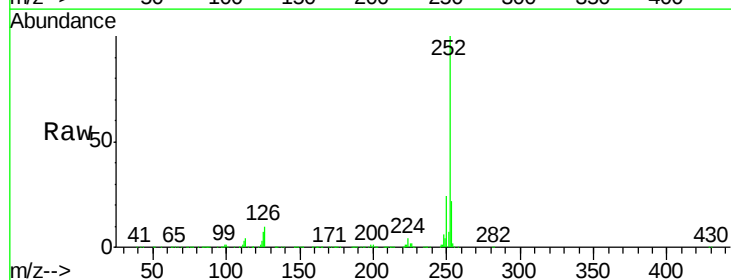
Delta R.T. -0.02 min

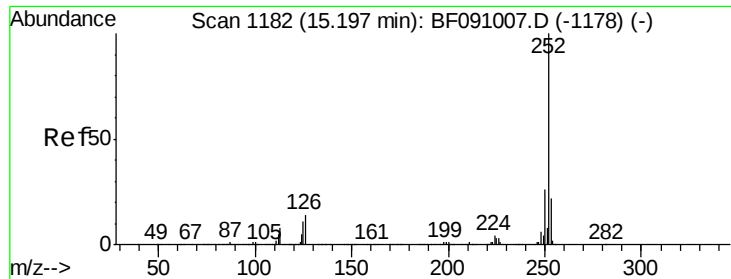
Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Tgt Ion:252 Resp: 2556227

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	6.7	11.2	16.8#





#89

Benzo(a)pyrene

Concen: 40.99 ng

RT: 15.09 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS

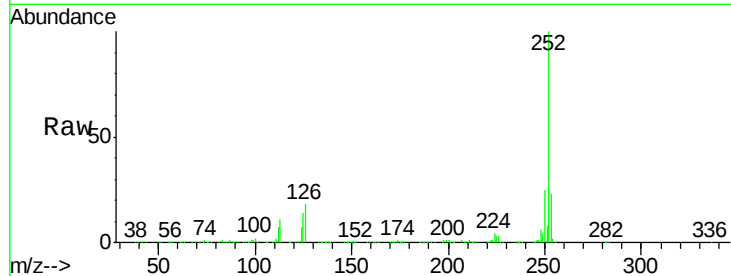
Tgt Ion:252 Resp: 1140145

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

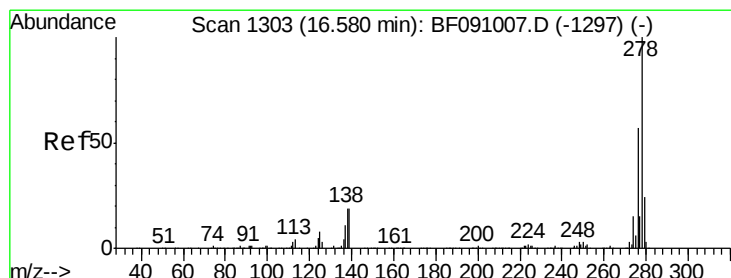
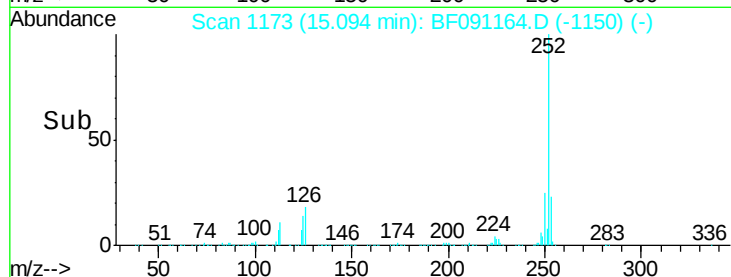
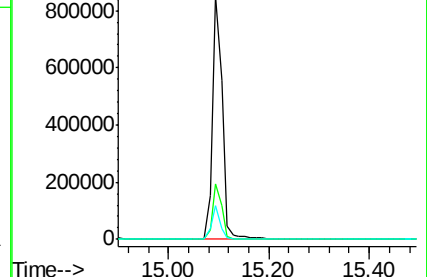
125 14.0 8.6 13.0#



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: 39.62 ng

RT: 16.43 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF091164.D

Acq: 14 Nov 2016 15:10

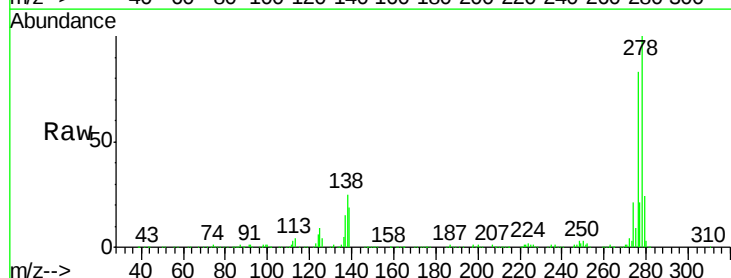
Tgt Ion:278 Resp: 952636

Ion Ratio Lower Upper

278 100

139 19.1 15.3 22.9

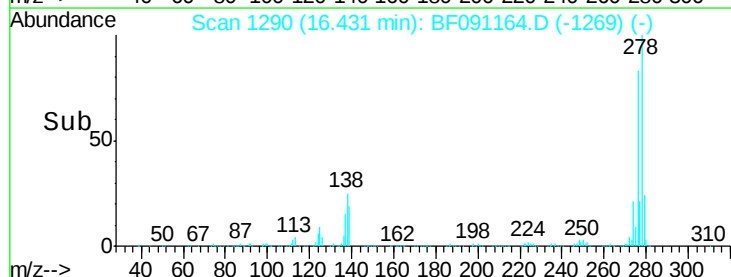
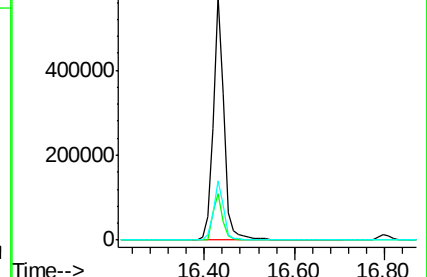
279 24.1 19.3 28.9

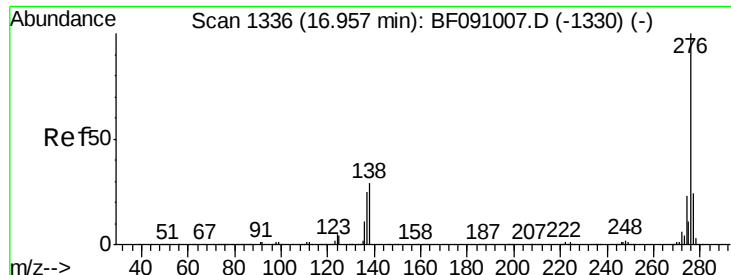


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.94 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091164.D

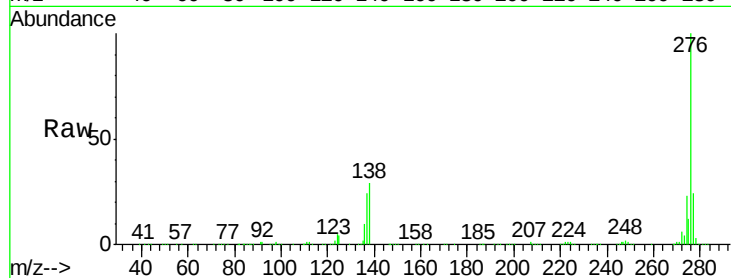
Acq: 14 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

PB94712BS



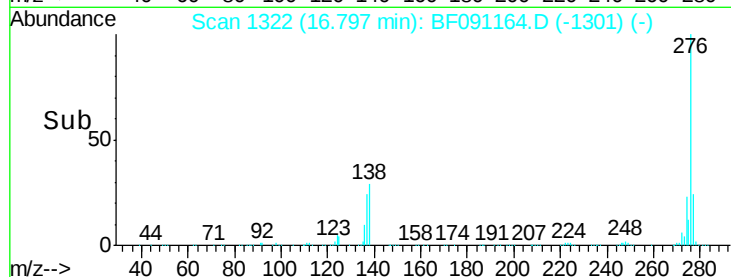
Tgt Ion: 276 Resp: 868518

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 29.0 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

