

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092352.D
 Acq On : 18 Jan 2017 15:41
 Operator : UM/SJ
 Sample : PB96090BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Quant Time: Jan 19 02:39:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	136567	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	574231	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	291069	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	448939	20.00	ng	0.00
75) Chrysene-d12	13.69	240	271170	20.00	ng	-0.01
86) Perylene-d12	15.03	264	257171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1230888	150.49	ng	0.01
7) Phenol-d6	6.21	99	1279565	128.14	ng	-0.01
23) Nitrobenzene-d5	7.12	82	894798	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	276169	114.65	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1497346	109.05	ng	0.00
78) Terphenyl-d14	12.65	244	1257447	112.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	163758	40.67	ng	# 90
3) Pyridine	2.62	79	478437	34.04	ng	97
4) n-Nitrosodimethylamine	2.59	42	211682	39.93	ng	99
6) Aniline	6.21	93	280269	21.61	ng	# 62
8) 2-Chlorophenol	6.34	128	392006	42.13	ng	89
9) Benzaldehyde	6.08	77	346551	Below Cal		96
10) Phenol	6.22	94	437905	38.48	ng	88
11) bis(2-Chloroethyl)ether	6.29	93	400079	44.19	ng	99
12) 1,3-Dichlorobenzene	6.48	146	406021	40.88	ng	99
13) 1,4-Dichlorobenzene	6.56	146	409907m	40.55	ng	
14) 1,2-Dichlorobenzene	6.71	146	372002	42.41	ng	99
15) Benzyl Alcohol	6.71	79	336436	43.36	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	547252	40.59	ng	# 43
17) 2-Methylphenol	6.84	107	310771	41.53	ng	# 89
18) Hexachloroethane	7.06	117	155430	41.47	ng	90
19) n-Nitroso-di-n-propylamine	6.98	70	291013	43.81	ng	98
20) 3+4-Methylphenols	7.00	107	447848	50.18	ng	# 73
22) Acetophenone	6.96	105	584724	41.28	ng	# 94
24) Nitrobenzene	7.14	77	425999	38.73	ng	98
25) Isophorone	7.38	82	767171	40.27	ng	# 93
26) 2-Nitrophenol	7.46	139	216716	39.95	ng	97
27) 2,4-Dimethylphenol	7.51	122	336144	37.36	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	487588	42.20	ng	99
29) 2,4-Dichlorophenol	7.71	162	333585	43.79	ng	88
30) 1,2,4-Trichlorobenzene	7.78	180	333666	39.97	ng	96
31) Naphthalene	7.86	128	1115621	42.45	ng	98
32) Benzoic acid	7.67	122	216926	32.51	ng	98
33) 4-Chloroaniline	7.92	127	112241	9.47	ng	95
34) Hexachlorobutadiene	7.97	225	181094	41.10	ng	99
35) Caprolactam	8.29	113	93782m	37.46	ng	
36) 4-Chloro-3-methylphenol	8.43	107	367055	41.87	ng	97
37) 2-Methylnaphthalene	8.54	142	696184	43.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	321463	43.71	ng	98
40) Hexachlorocyclopentadiene	8.70	237	214466	66.21	ng	98

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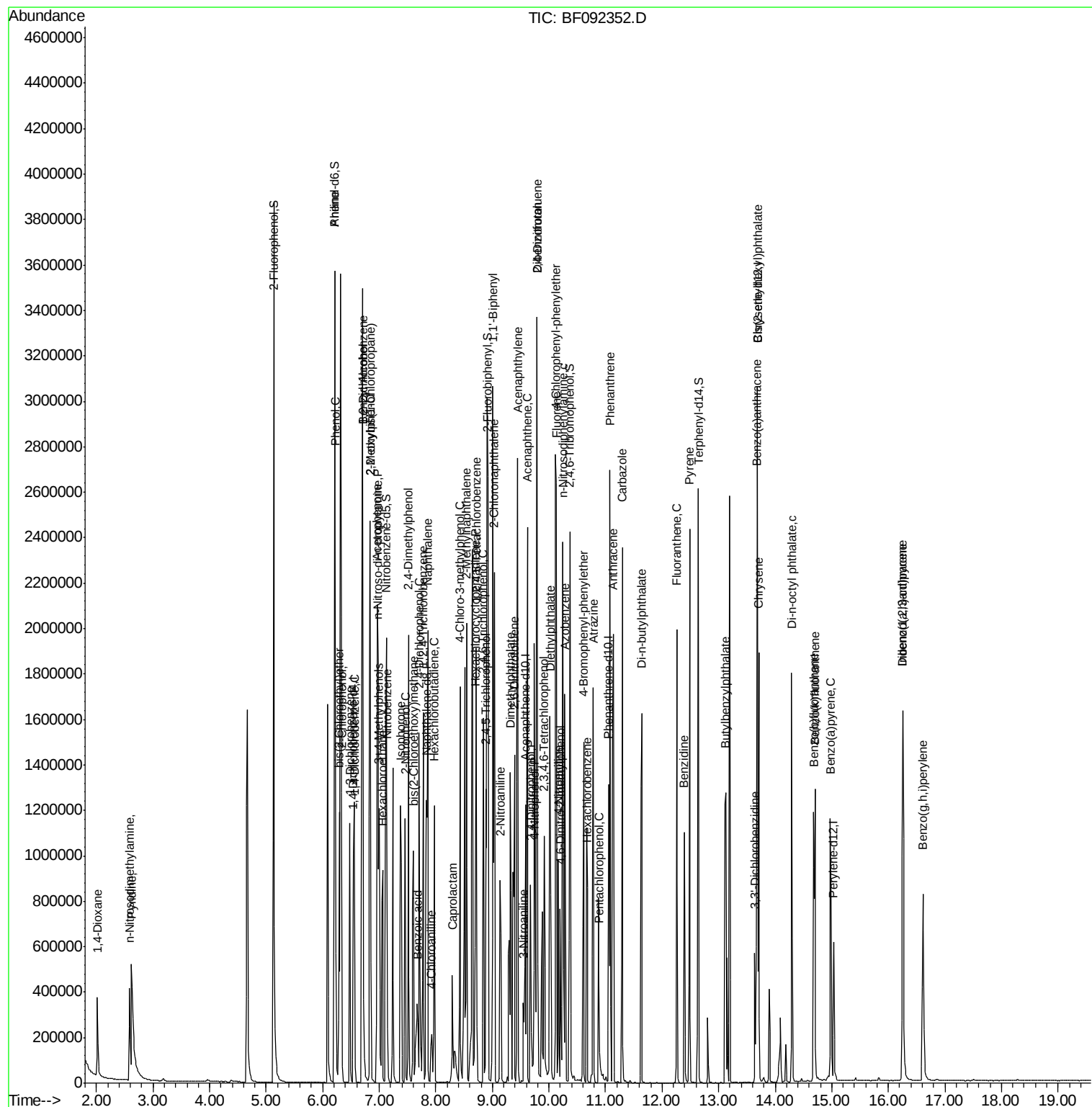
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	206201	40.09	ng	97
43) 2,4,5-Trichlorophenol	8.88	196	205406	38.81	ng	96
45) 1,1'-Biphenyl	9.01	154	938704	47.10	ng	97
46) 2-Chloronaphthalene	9.03	162	690514	43.75	ng	98
47) 2-Nitroaniline	9.14	65	205351	36.54	ng	91
48) Acenaphthylene	9.44	152	1033800	42.59	ng	98
49) Dimethylphthalate	9.32	163	769578	41.34	ng	98
50) 2,6-Dinitrotoluene	9.39	165	182559	44.80	ng	92
51) Acenaphthene	9.62	154	674969	41.02	ng	98
52) 3-Nitroaniline	9.55	138	74494	14.77	ng	88
53) 2,4-Dinitrophenol	9.67	184	145301	64.09	ng	# 78
54) Dibenzofuran	9.79	168	928478	41.78	ng	99
55) 4-Nitrophenol	9.75	139	162141m	47.36	ng	
56) 2,4-Dinitrotoluene	9.79	165	202133	39.52	ng	# 51
57) Fluorene	10.13	166	726259	44.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	168565	40.27	ng	97
59) Diethylphthalate	10.02	149	736368	40.73	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	298491	42.16	ng	94
61) 4-Nitroaniline	10.16	138	163182	31.23	ng	97
62) Azobenzene	10.28	77	857153	43.06	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	109404	40.30	ng	# 24
65) n-Nitrosodiphenylamine	10.24	169	574247	43.11	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	211380	45.26	ng	# 89
67) Hexachlorobenzene	10.68	284	207435	41.56	ng	# 87
68) Atrazine	10.78	200	190538	44.34	ng	96
69) Pentachlorophenol	10.88	266	137628	56.19	ng	98
70) Phenanthrene	11.08	178	979976	40.26	ng	99
71) Anthracene	11.14	178	1094819	54.77	ng	97
72) Carbazole	11.30	167	924826	47.12	ng	98
73) Di-n-butylphthalate	11.64	149	1200066	52.73	ng	# 97
74) Fluoranthene	12.26	202	902573	42.01	ng	99
76) Benzidine	12.39	184	422315	68.85	ng	97
77) Pyrene	12.48	202	939934	47.24	ng	99
79) Butylbenzylphthalate	13.13	149	461461	51.00	ng	# 77
80) Benzo(a)anthracene	13.67	228	733939	47.95	ng	99
81) 3,3'-Dichlorobenzidine	13.64	252	121420	20.92	ng	96
82) Chrysene	13.71	228	594099	38.69	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	597313	56.05	ng	99
84) Di-n-octyl phthalate	14.29	149	916949	46.45	ng	99
85) Indeno(1,2,3-cd)pyrene	16.26	276	727038	54.66	ng	99
87) Benzo(h)fluoranthene	14.68	252	792367m	49.49	ng	
88) Benzo(k)fluoranthene	14.70	252	451939m	33.10	ng	
89) Benzo(a)pyrene	14.98	252	613469	43.17	ng	98
90) Dibenzo(a,h)anthracene	16.26	278	596411	51.06	ng	98
91) Benzo(g,h,i)perylene	16.61	276	645361	53.13	ng	# 95

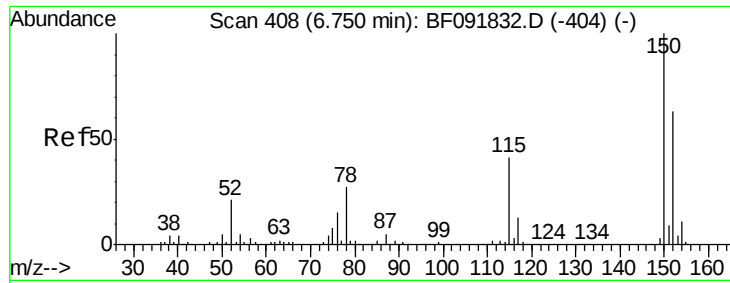
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

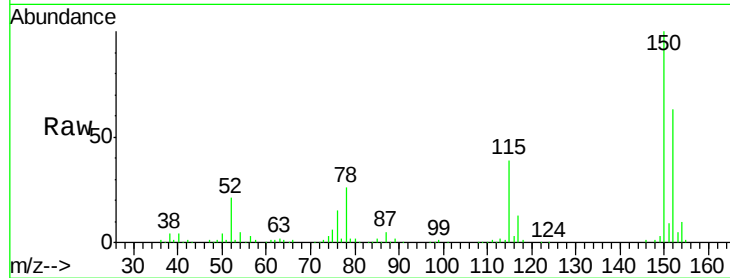
Tgt Ion:152 Resp: 136567

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

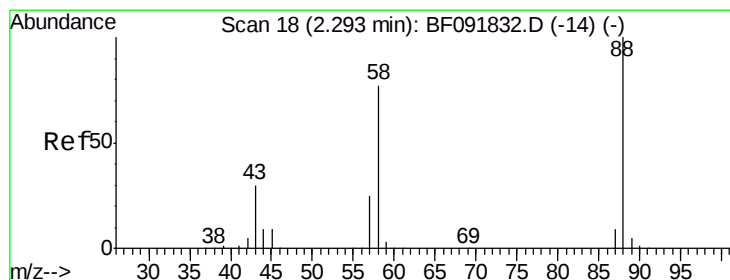
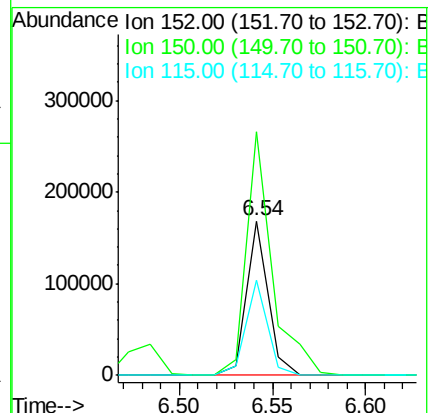
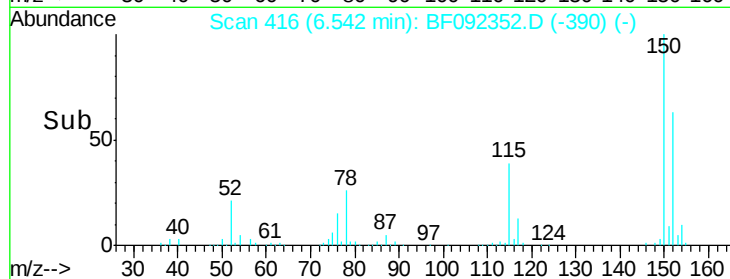
115 61.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.67 ng

RT: 2.02 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

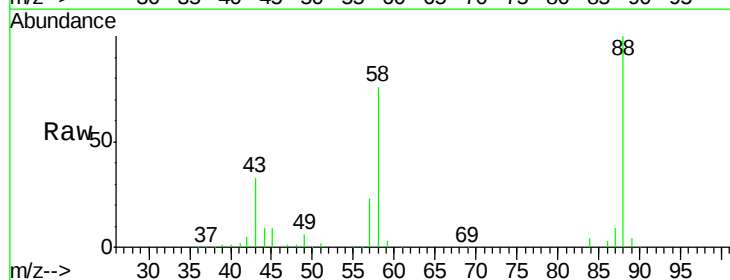
Tgt Ion: 88 Resp: 163758

Ion Ratio Lower Upper

88 100

58 78.7 57.8 86.8

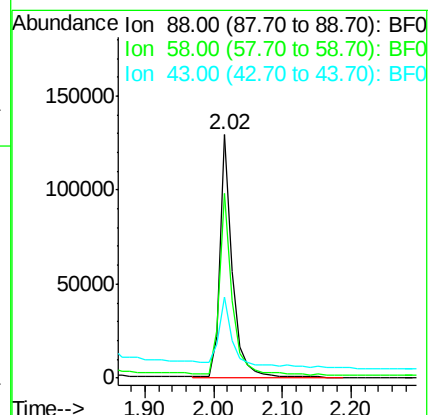
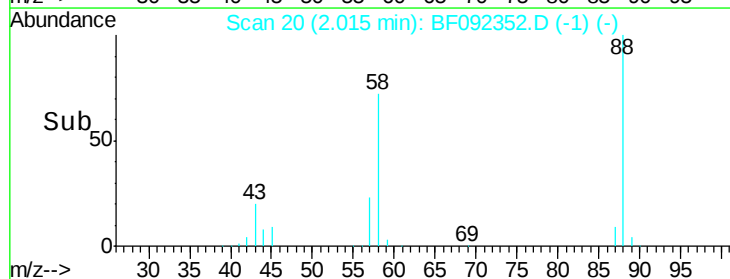
43 36.0 22.3 33.5#

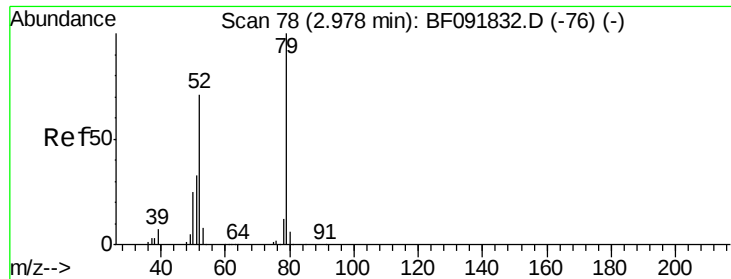


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.04 ng

RT: 2.62 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF092352.D

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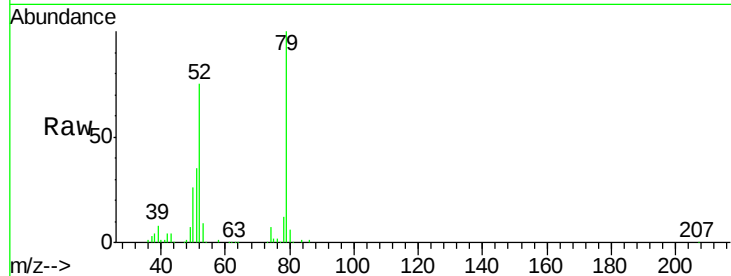
Tgt Ion: 79 Resp: 478437

Ion Ratio Lower Upper

79 100

52 74.6 57.1 85.7

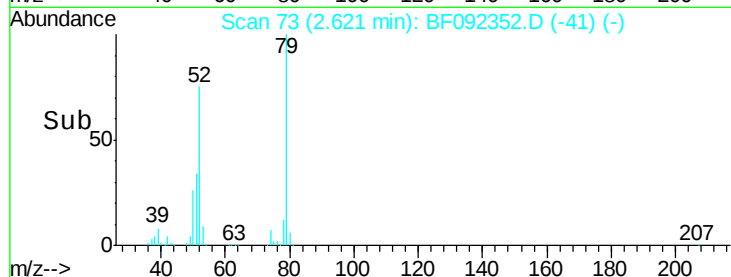
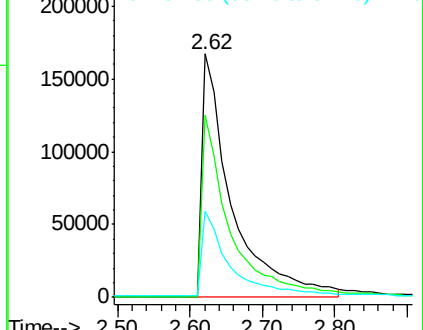
51 35.3 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.93 ng

RT: 2.59 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

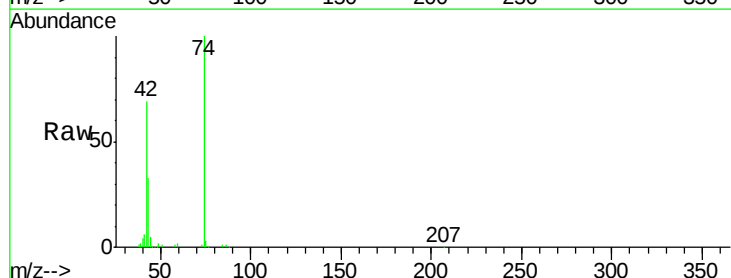
Tgt Ion: 42 Resp: 211682

Ion Ratio Lower Upper

42 100

74 145.1 117.0 175.4

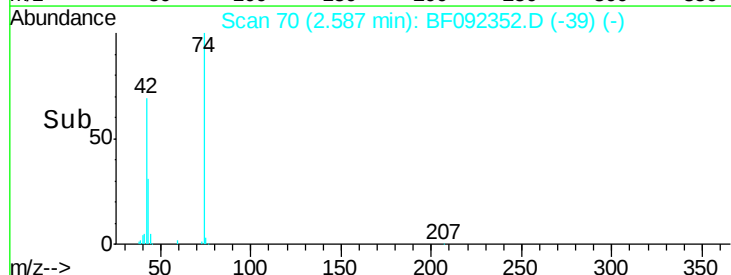
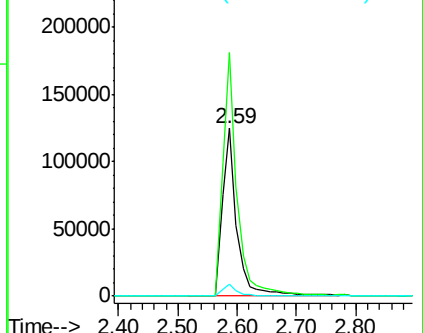
44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 150.49 ng

RT: 5.14 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

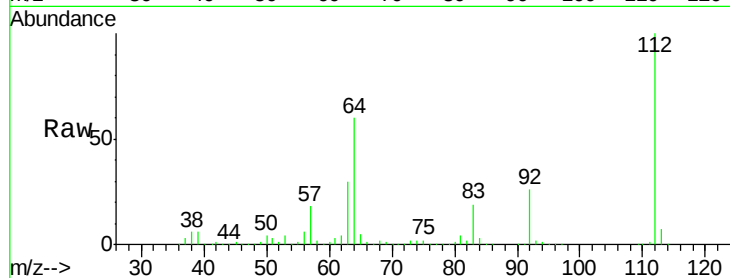
Tgt Ion: 112 Resp: 1230888

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

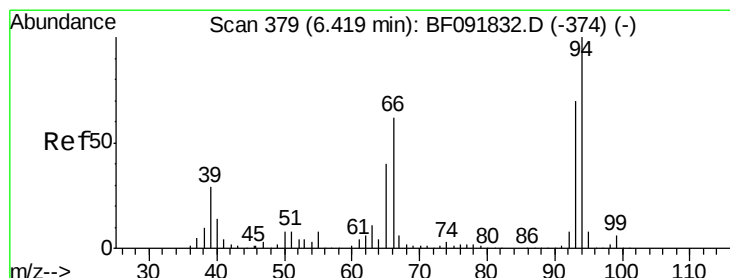
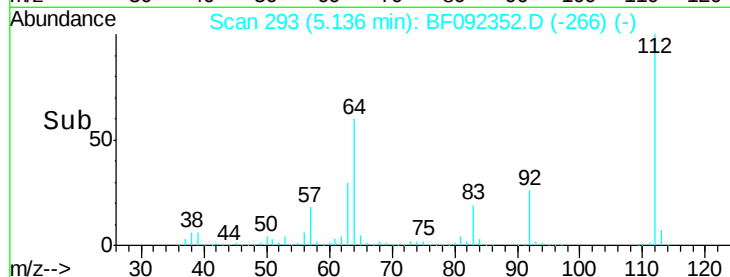
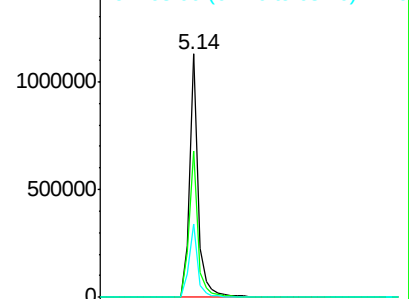
63 30.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.61 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

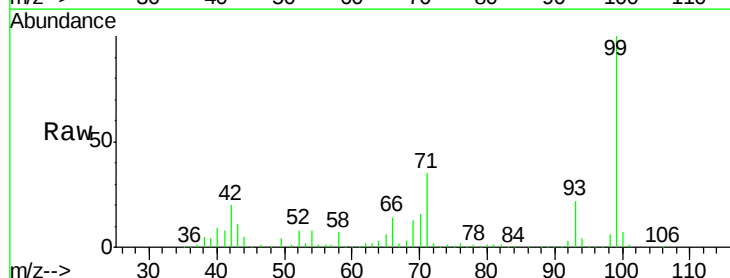
Tgt Ion: 93 Resp: 280269

Ion Ratio Lower Upper

93 100

66 63.4 76.2 114.2#

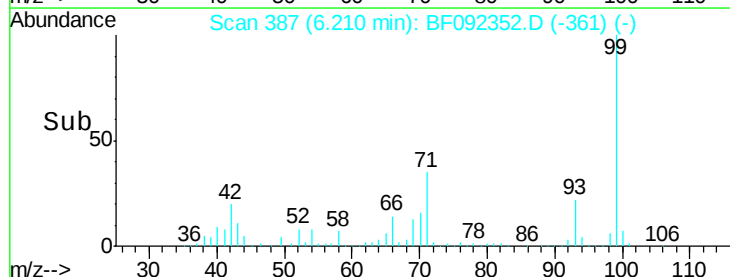
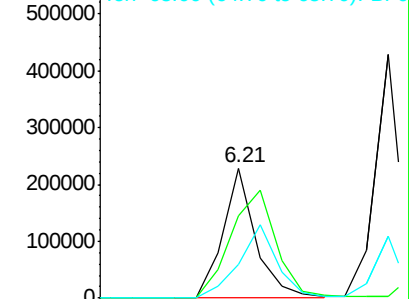
65 25.6 49.3 73.9#

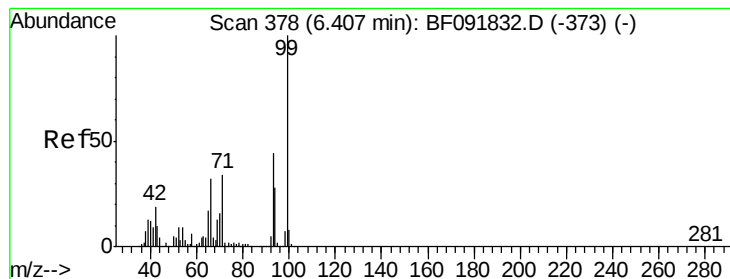


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.14 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.01 min

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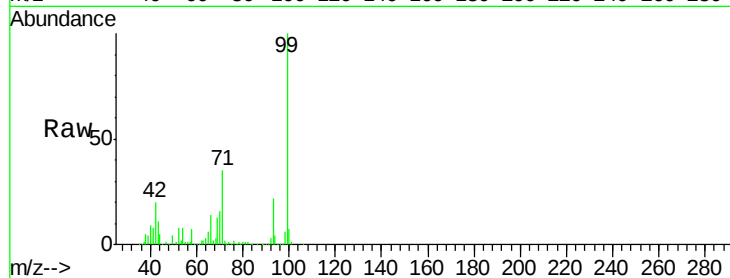
Tgt Ion: 99 Resp: 1279565

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

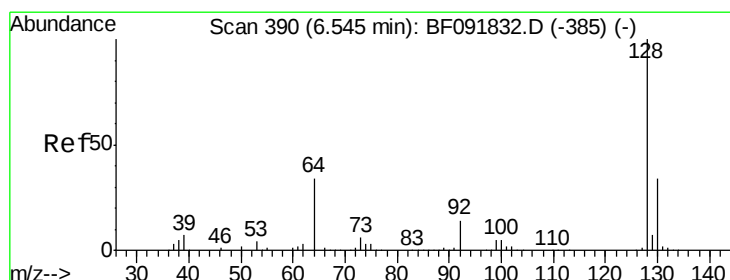
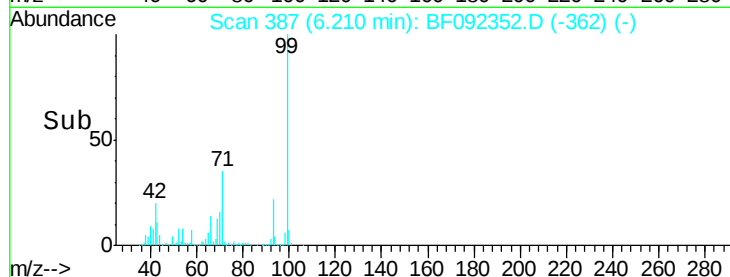
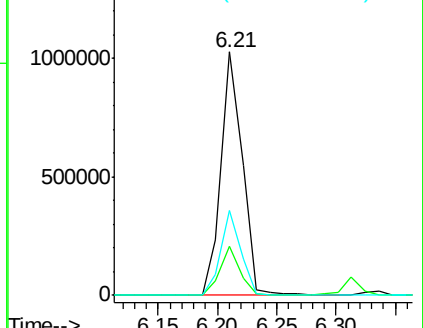
71 35.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.13 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

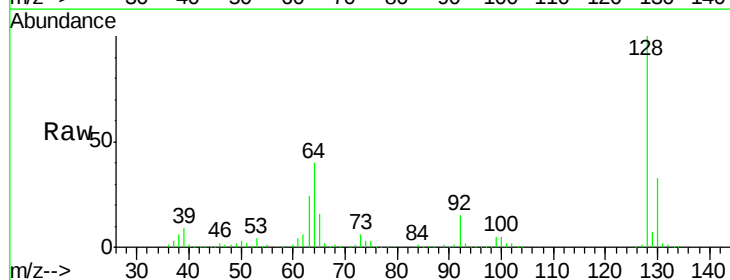
Tgt Ion: 128 Resp: 392006

Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

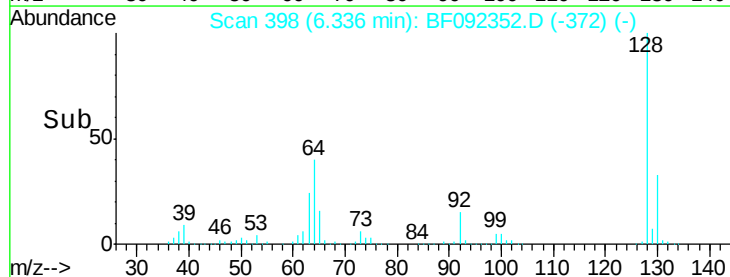
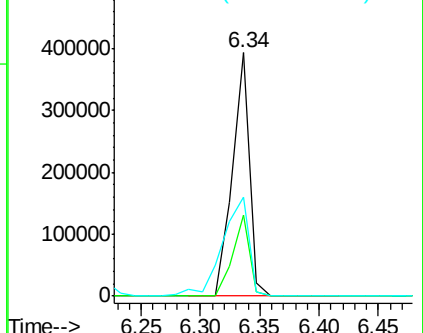
64 40.5 32.2 72.2

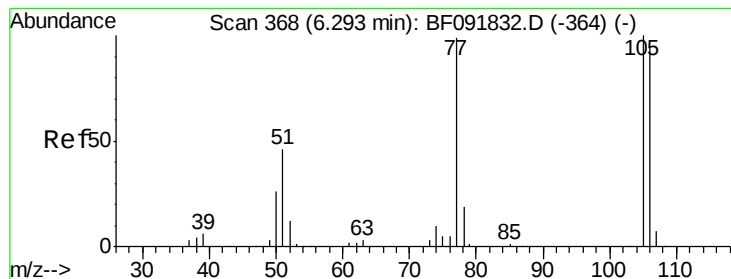


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.08 min Scan# 376

Delta R.T. -0.00 min

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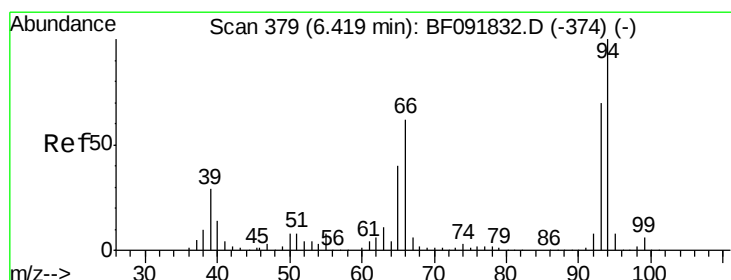
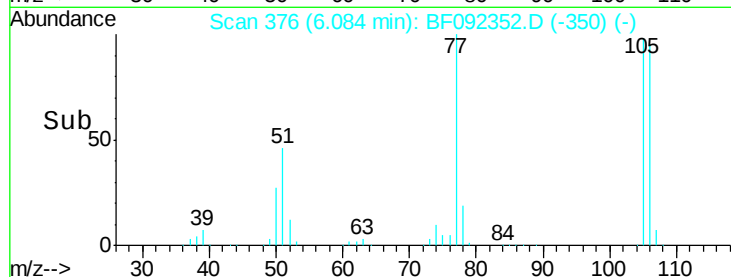
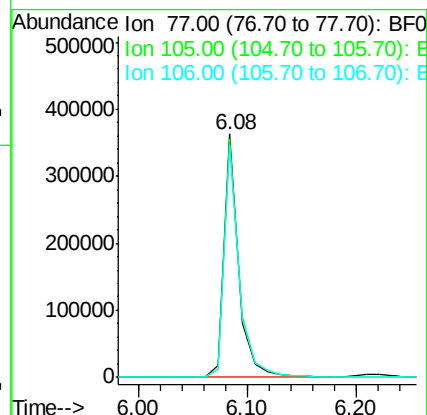
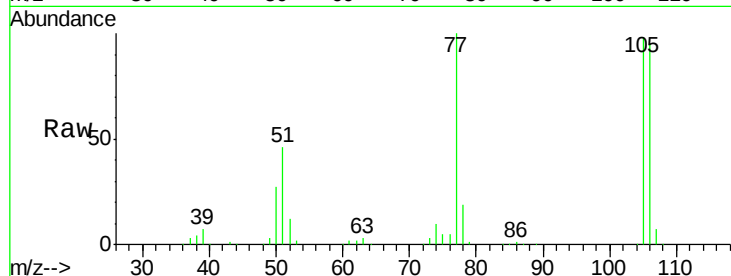
Tgt Ion: 77 Resp: 346551

Ion Ratio Lower Upper

77 100

105 97.9 83.9 123.9

106 95.2 77.6 117.6



#10

Phenol

Concen: 38.48 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

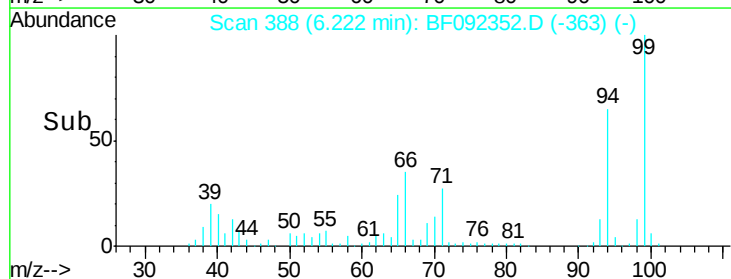
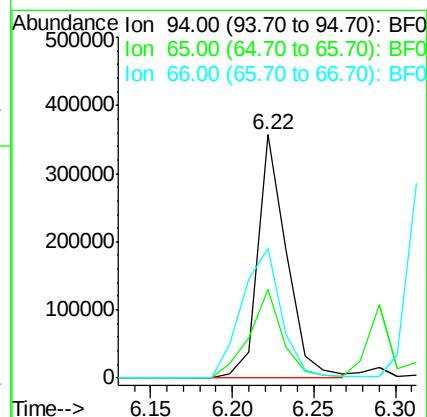
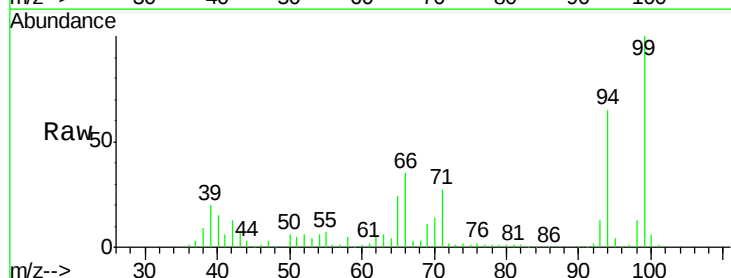
Tgt Ion: 94 Resp: 437905

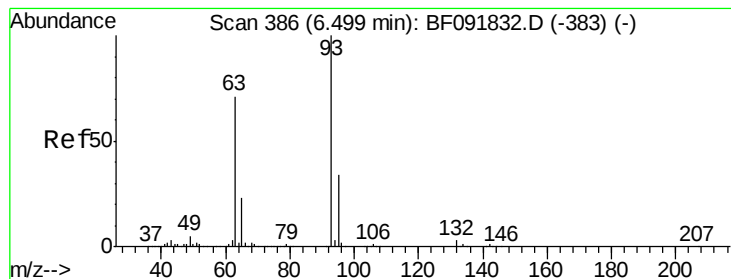
Ion Ratio Lower Upper

94 100

65 36.2 21.4 61.4

66 53.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.19 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

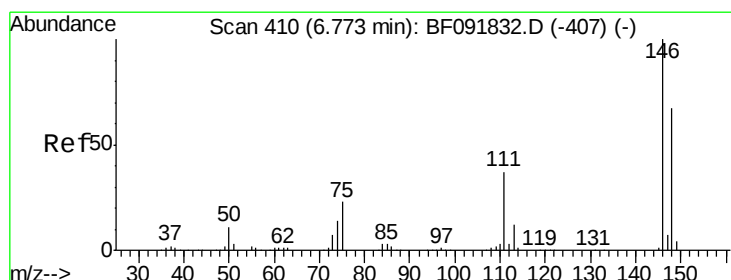
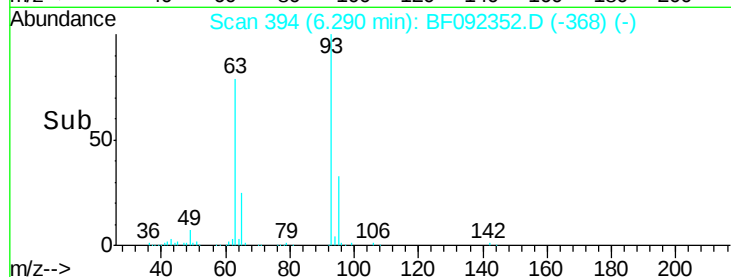
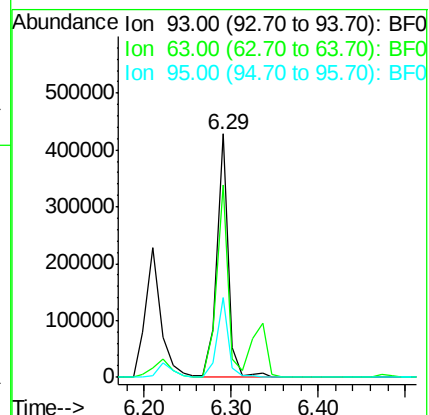
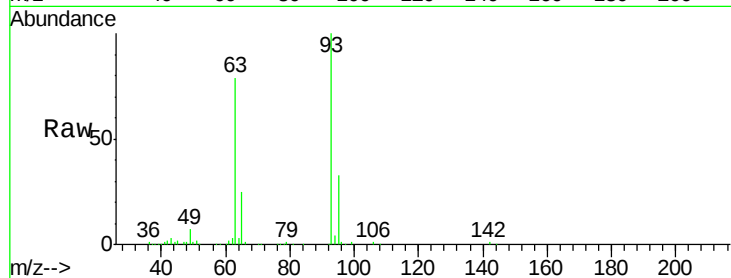
Tgt Ion: 93 Resp: 400079

Ion Ratio Lower Upper

93 100

63 78.9 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.88 ng

RT: 6.48 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

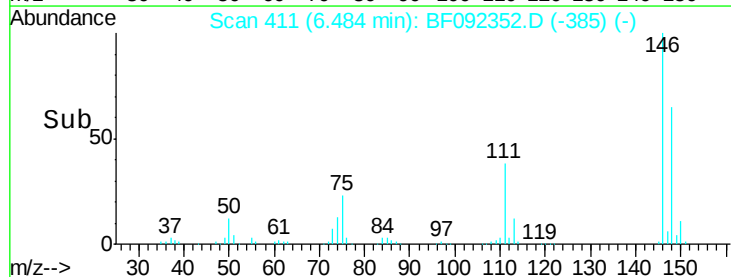
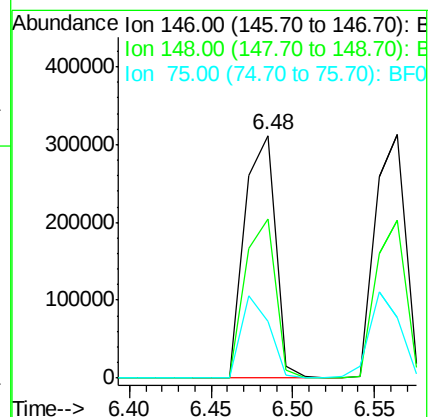
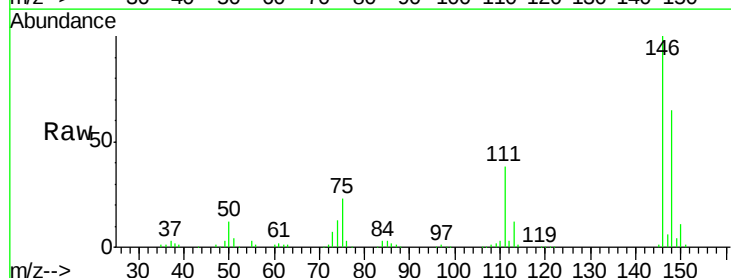
Tgt Ion: 146 Resp: 406021

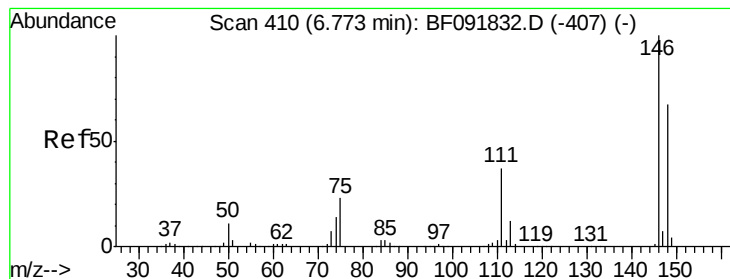
Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 23.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 40.55 ng m

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

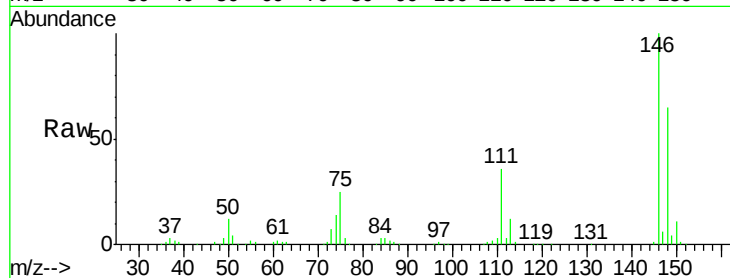
Tgt Ion:146 Resp: 409907

Ion Ratio Lower Upper

146 100

148 65.0 50.6 76.0

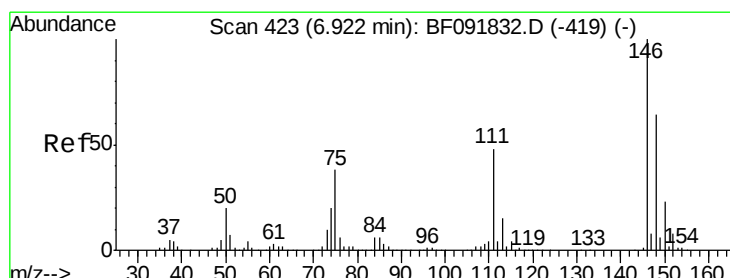
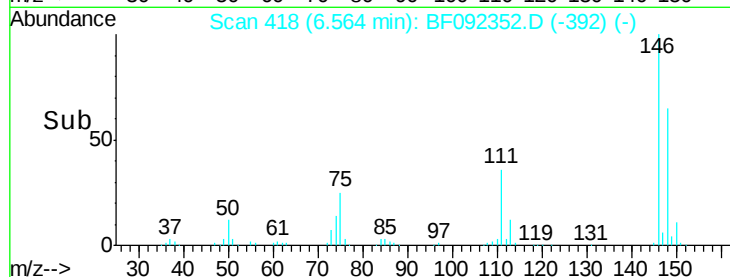
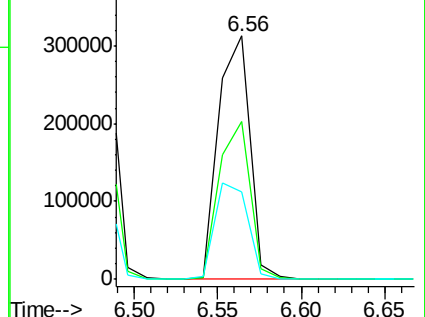
111 36.1 36.2 54.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.41 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

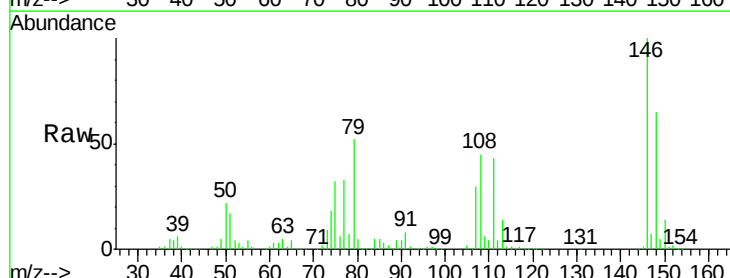
Tgt Ion:146 Resp: 372002

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

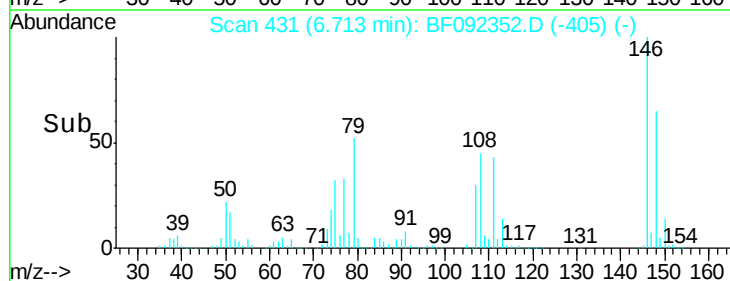
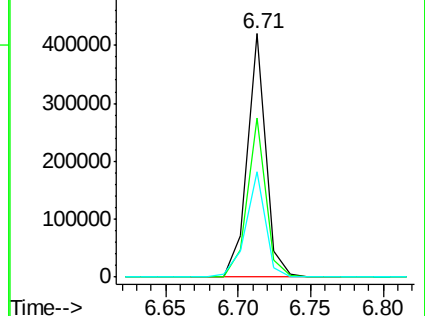
111 43.5 36.2 54.2

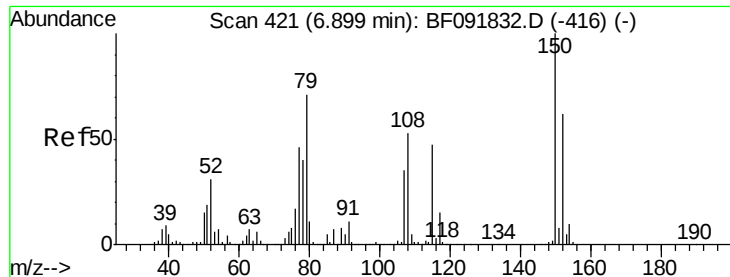


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.36 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

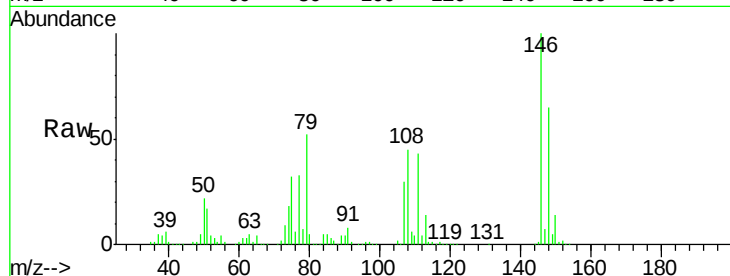
Tgt Ion: 79 Resp: 336436

Ion Ratio Lower Upper

79 100

108 86.0 61.4 92.0

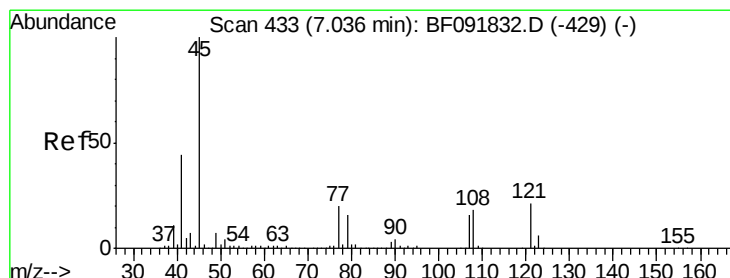
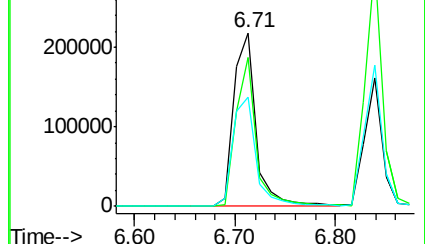
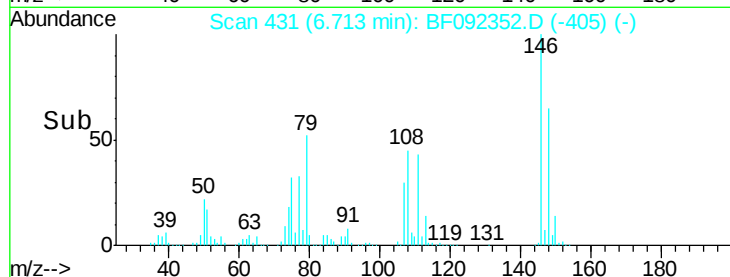
77 62.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.59 ng

RT: 6.84 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

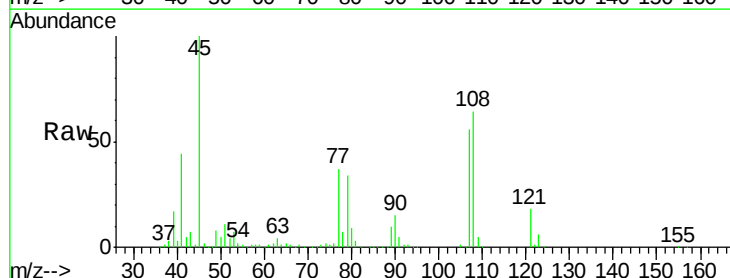
Tgt Ion: 45 Resp: 547252

Ion Ratio Lower Upper

45 100

77 37.2 0.0 34.6#

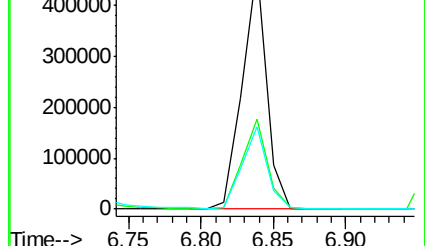
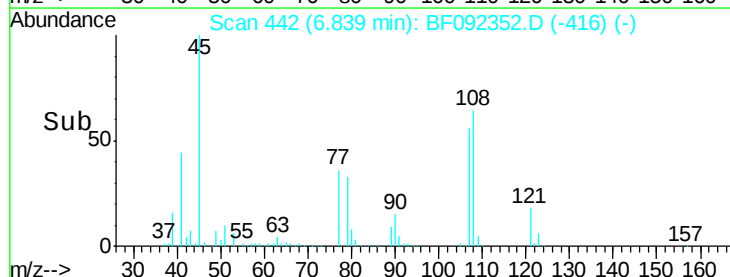
79 33.8 0.0 31.2#

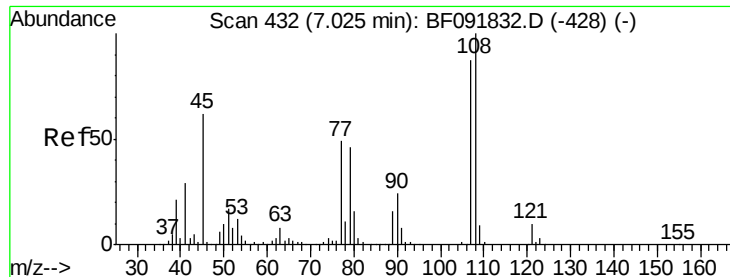


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

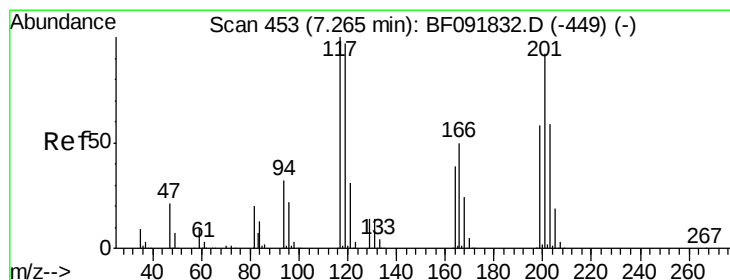
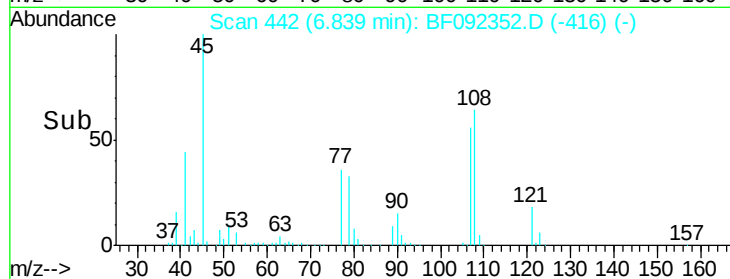
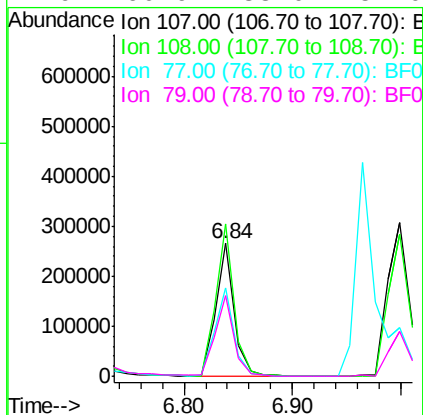
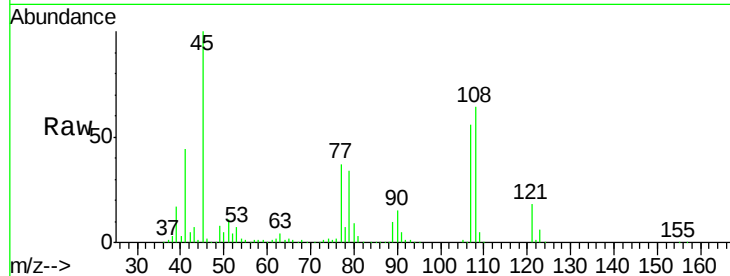




#17
2-Methylphenol
Concen: 41.53 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

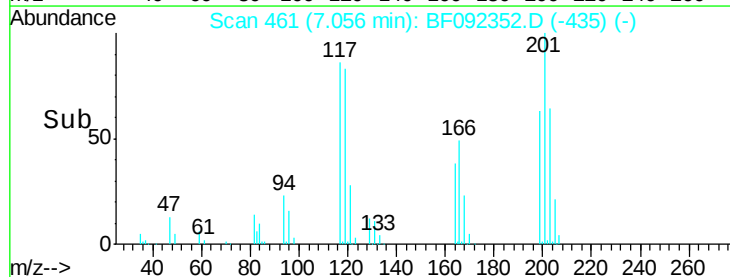
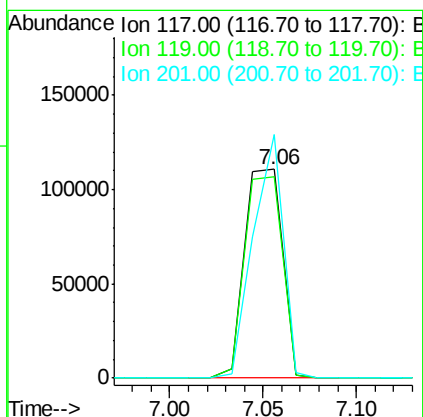
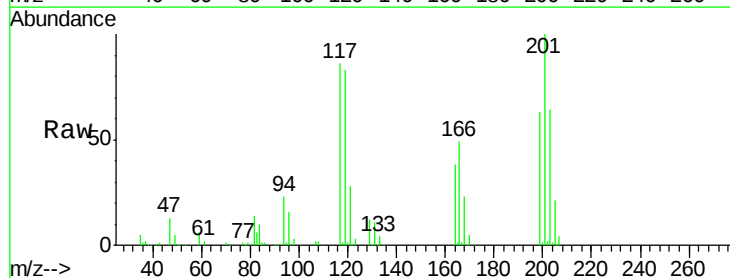
Instrument :
BNA_F
ClientSampleId :
PB96092BS

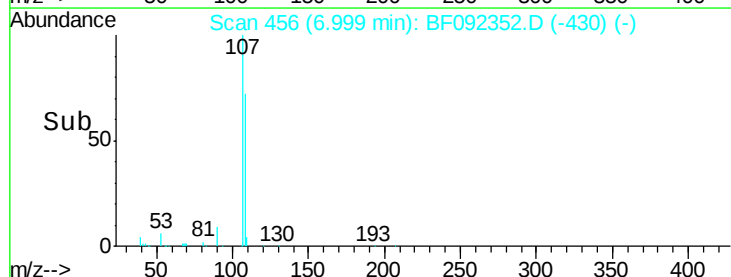
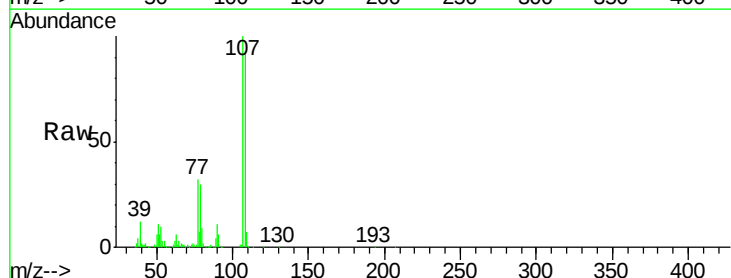
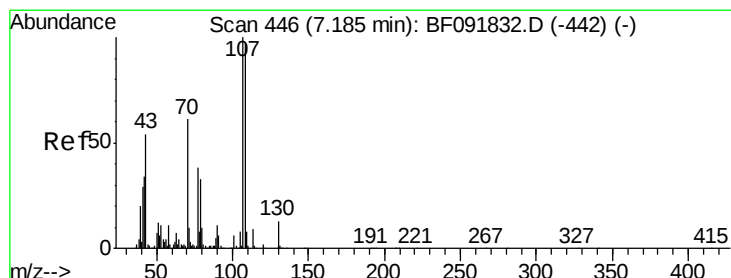
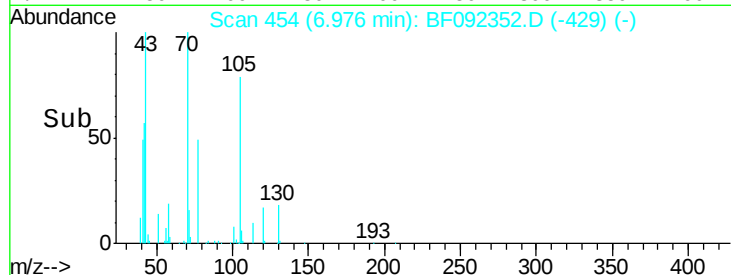
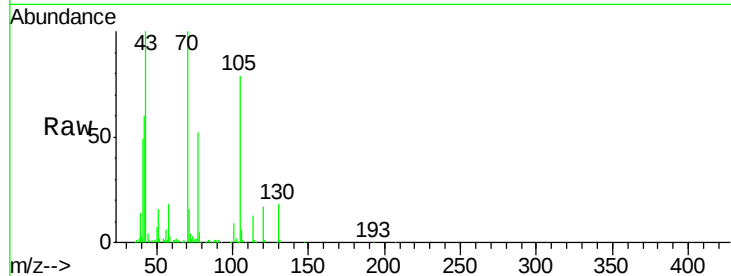
Tgt Ion:107 Resp: 310771
Ion Ratio Lower Upper
107 100
108 115.4 93.0 139.6
77 67.1 39.8 59.8#
79 60.9 38.0 57.0#



#18
Hexachloroethane
Concen: 41.47 ng
RT: 7.06 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:117 Resp: 155430
Ion Ratio Lower Upper
117 100
119 96.6 78.1 117.1
201 116.8 78.6 117.8

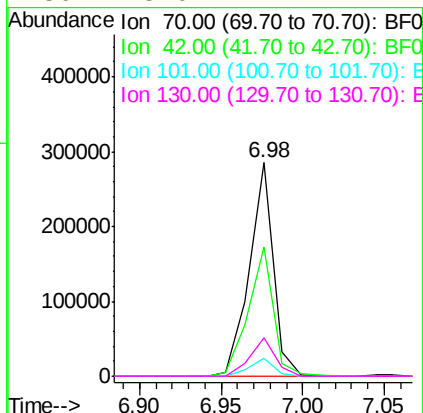




#19
n-Nitroso-di-n-propylamine
Concen: 43.81 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

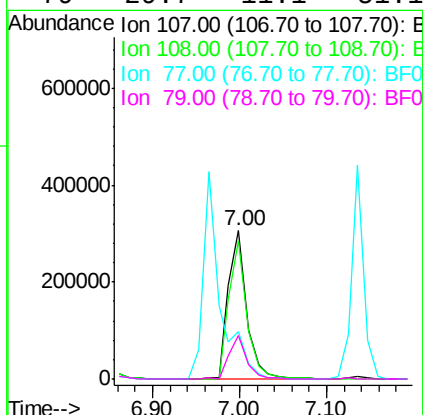
Instrument :
BNA_F
ClientSampleId :
PB96092BS

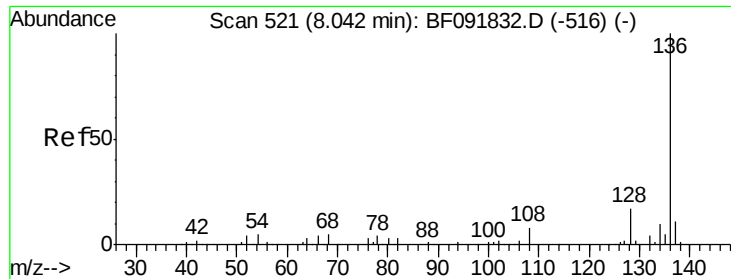
Tgt Ion:	70	Resp:	291013
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.4	74.0
101	8.6	7.4	11.2
130	18.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 50.18 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:	107	Resp:	447848
Ion	Ratio	Lower	Upper
107	100		
108	92.8	73.0	113.0
77	31.7	71.3	111.3#
79	29.7	11.1	51.1

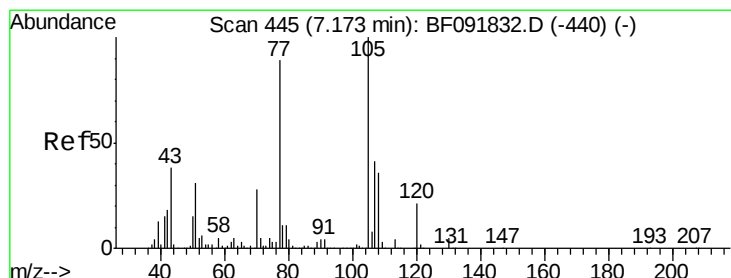
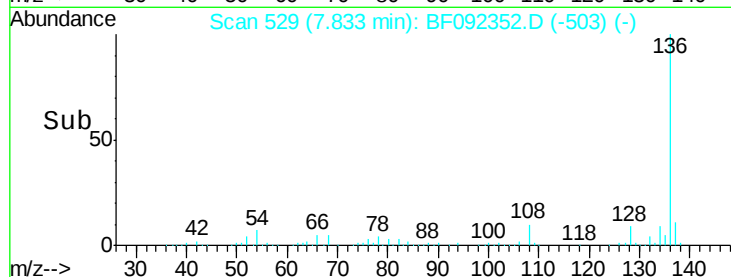
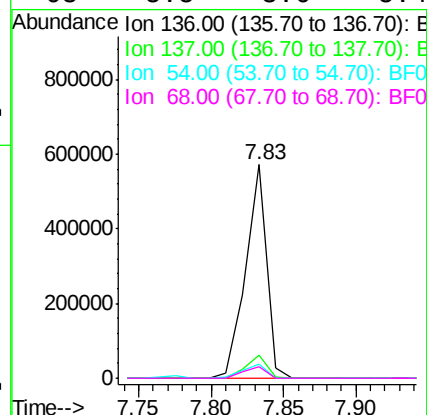
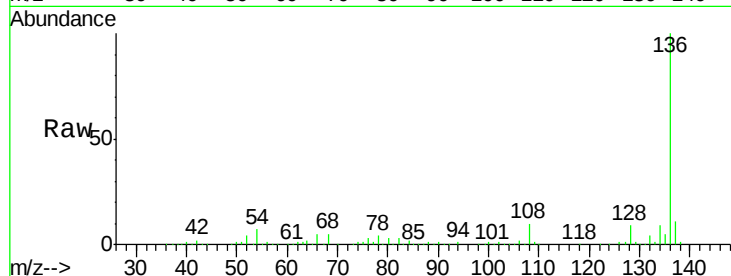




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

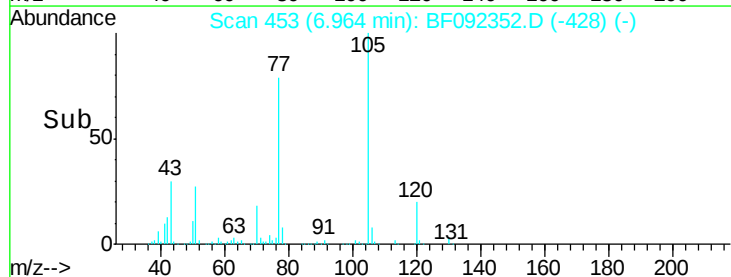
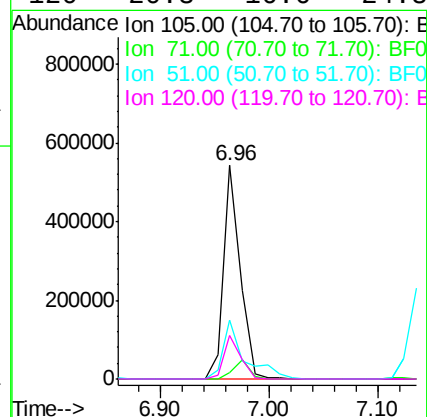
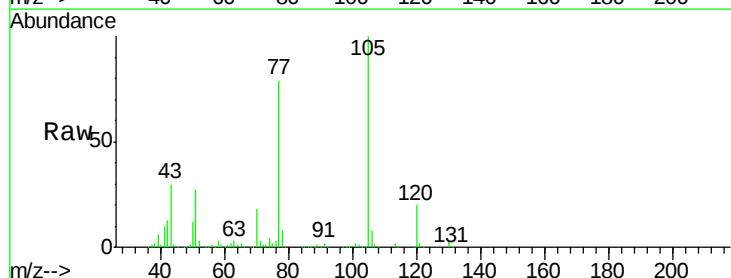
Instrument :
BNA_F
ClientSampleId :
PB96092BS

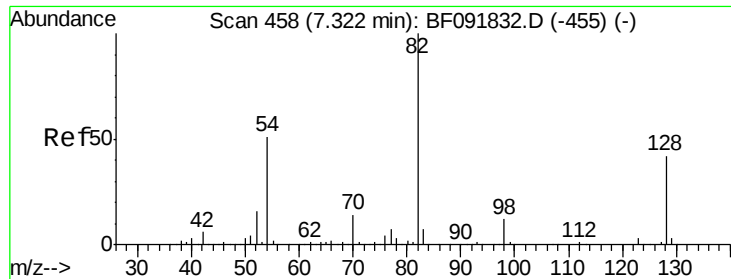
Tgt Ion:	136	Resp:	574231
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.7	4.5	6.7#
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 41.28 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:	105	Resp:	584724
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.2	4.8#
51	27.5	26.2	39.4
120	20.3	16.6	24.8

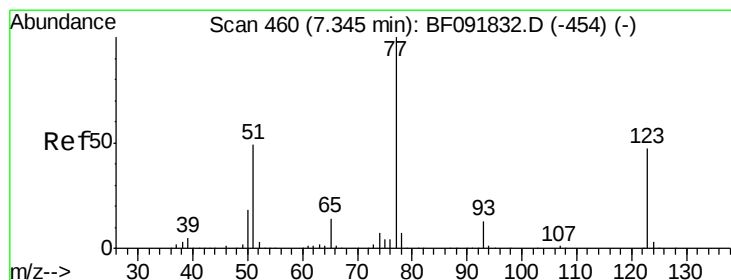
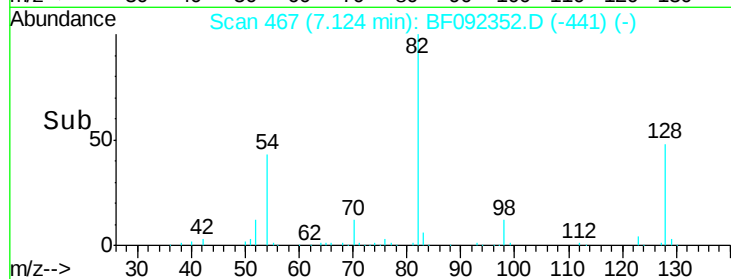
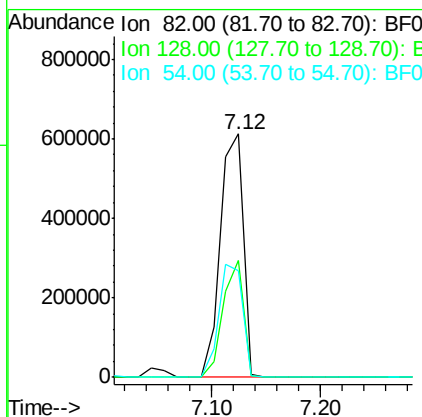
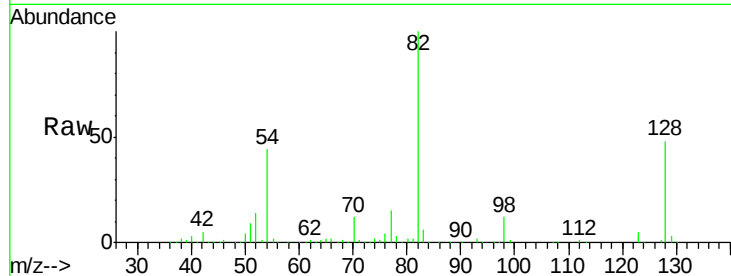




#23
 Nitrobenzene-d5
 Concen: 86.65 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

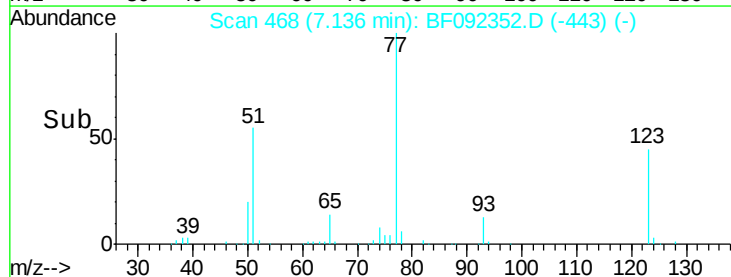
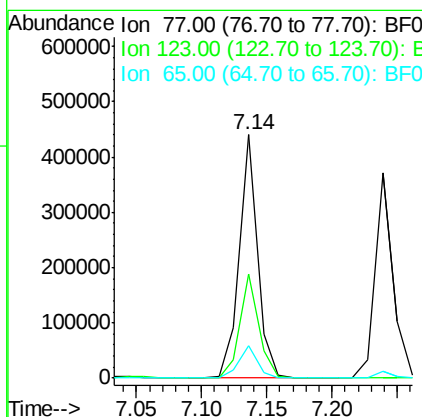
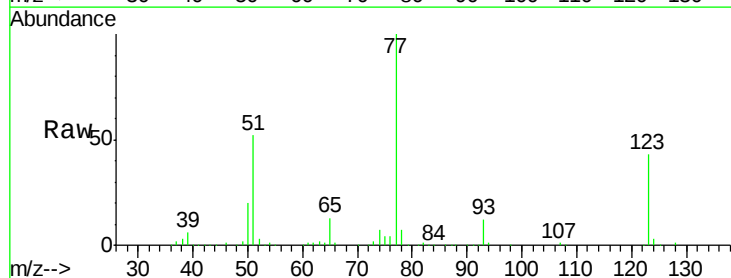
Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

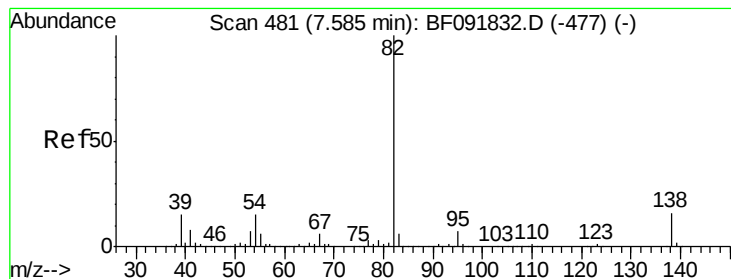
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.6	52.0
54	43.9	39.5	59.3



#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 40.27 ng

RT: 7.38 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

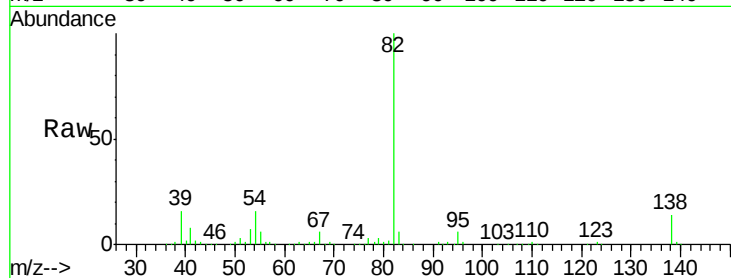
Tgt Ion: 82 Resp: 767171

Ion Ratio Lower Upper

82 100

95 6.0 5.6 8.4

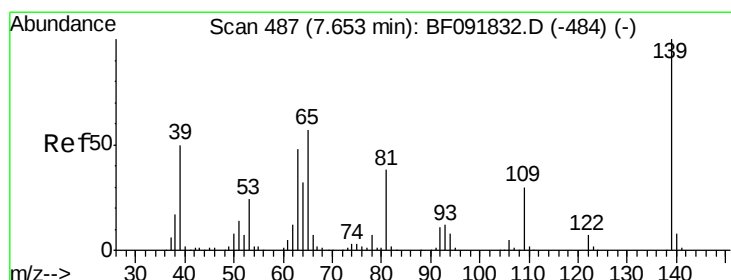
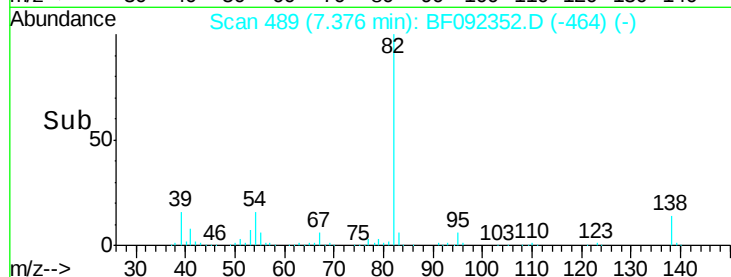
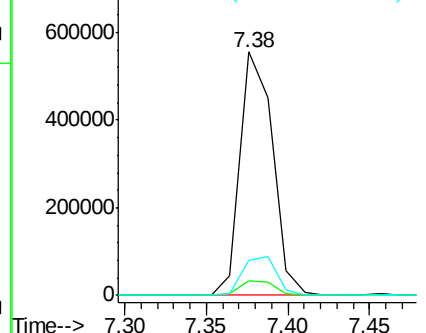
138 14.4 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.95 ng

RT: 7.46 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

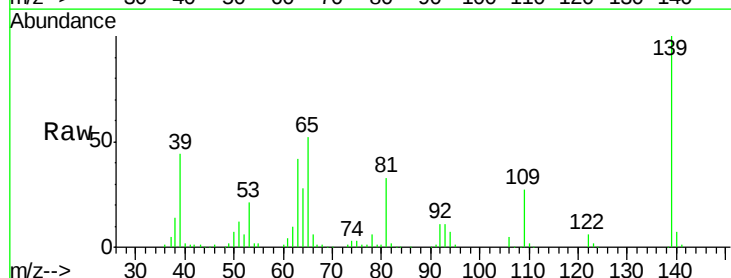
Tgt Ion: 139 Resp: 216716

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

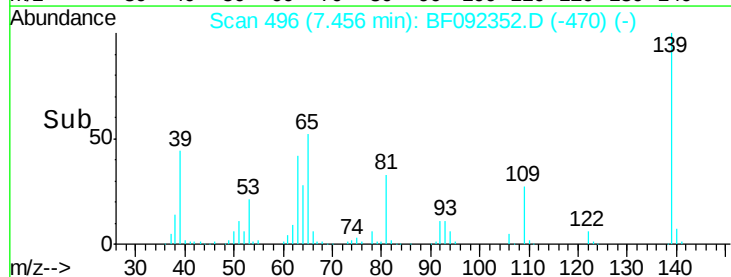
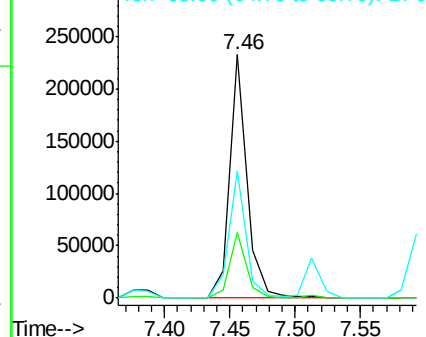
65 52.2 42.7 64.1

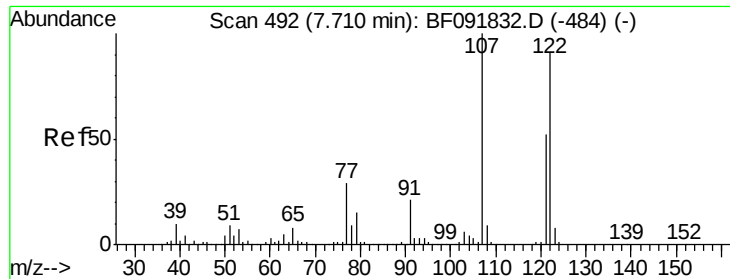


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

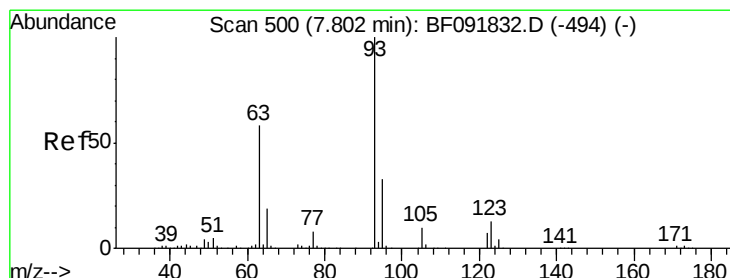
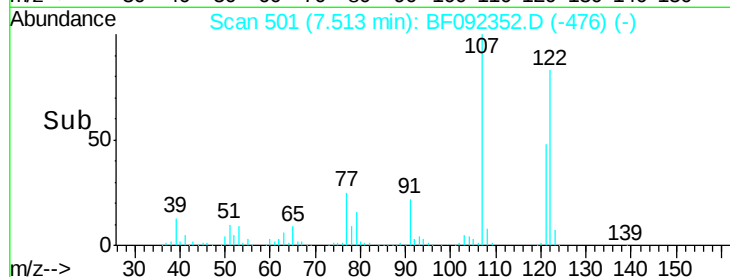
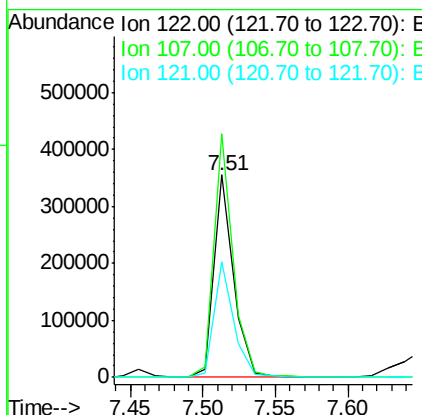
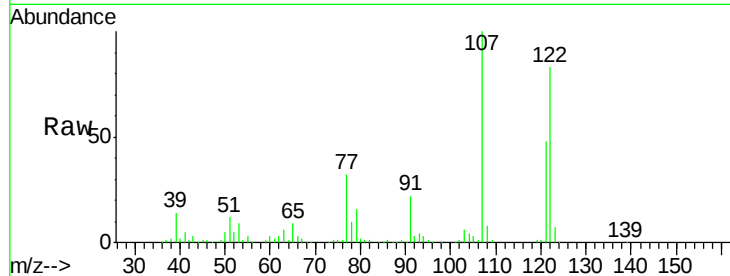




#27
 2,4-Dimethylphenol
 Concen: 37.36 ng
 RT: 7.51 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

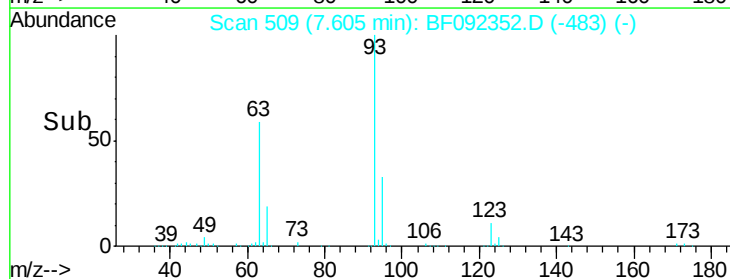
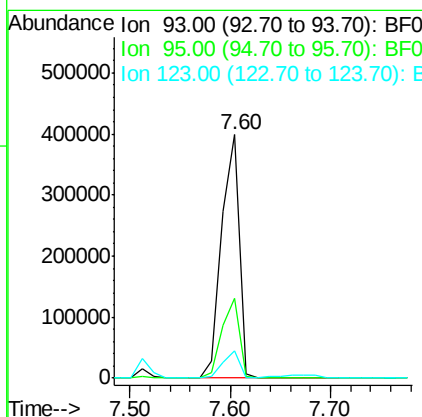
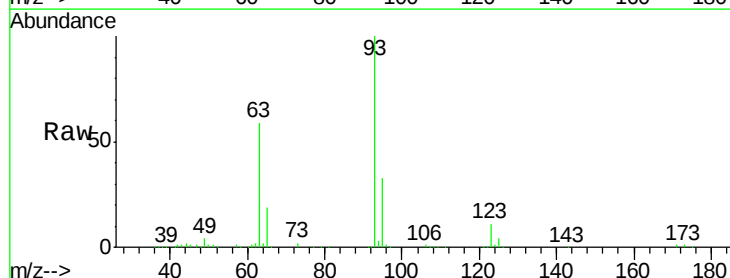
Instrument :
 BNA_F
 ClientSampled :
 PB96092BS

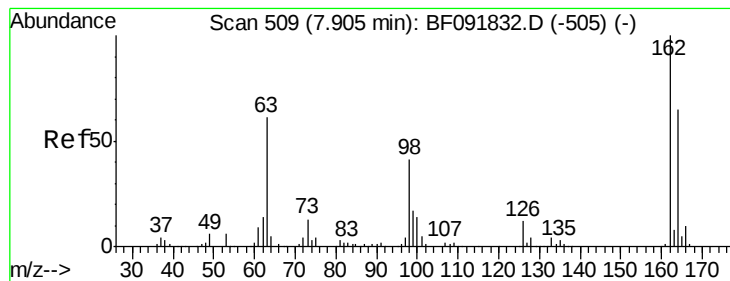
Tgt Ion:122 Resp: 336144
 Ion Ratio Lower Upper
 122 100
 107 120.4 94.1 141.1
 121 57.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.20 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion: 93 Resp: 487588
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.4 8.6 13.0

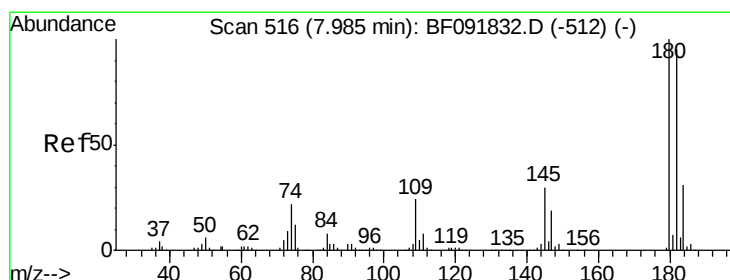
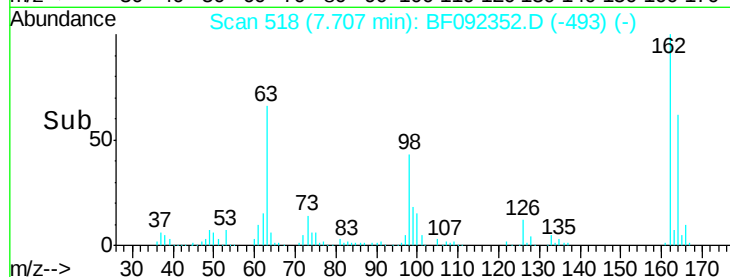
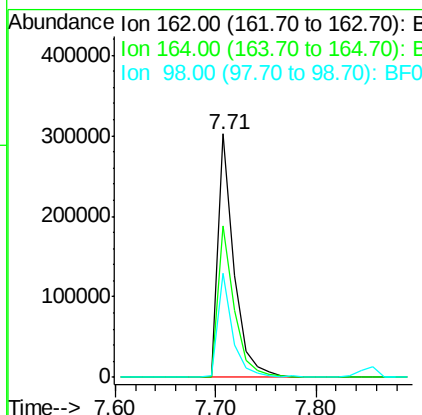
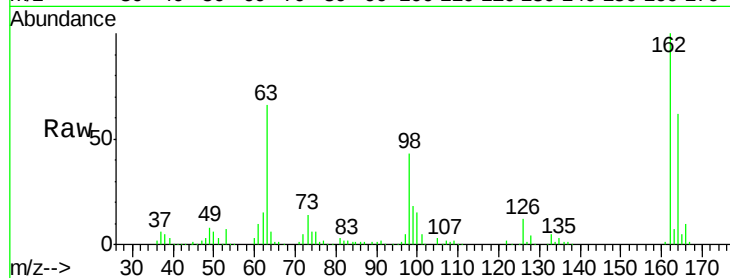




#29
 2,4-Dichlorophenol
 Concen: 43.79 ng
 RT: 7.71 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

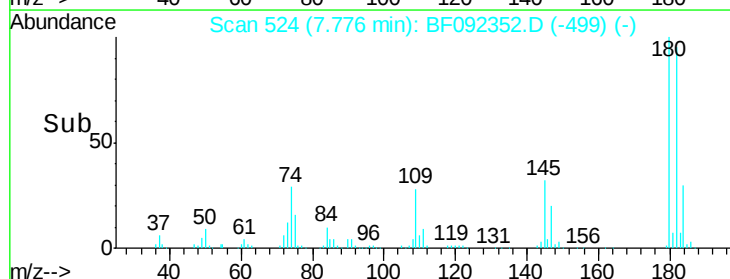
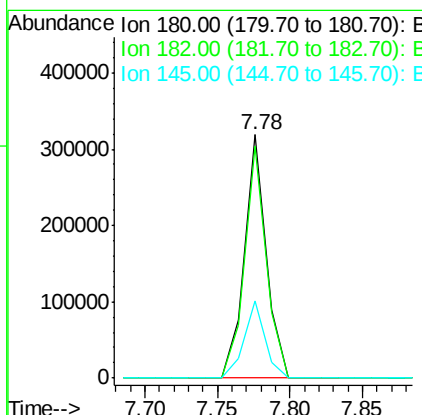
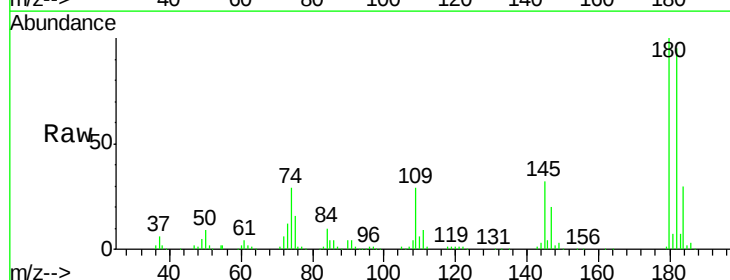
Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	46.8	86.8
98	42.7	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.97 ng
 RT: 7.78 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	31.5	21.6	32.4





#31

Naphthalene

Concen: 42.45 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

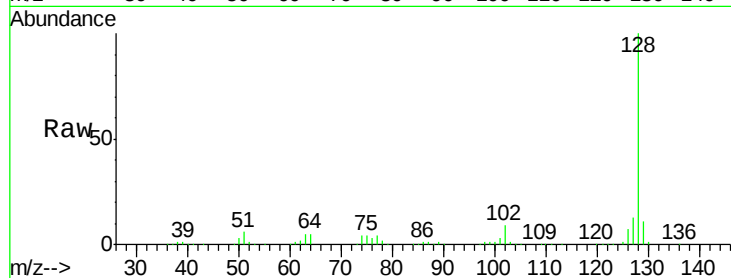
Tgt Ion:128 Resp: 1115621

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

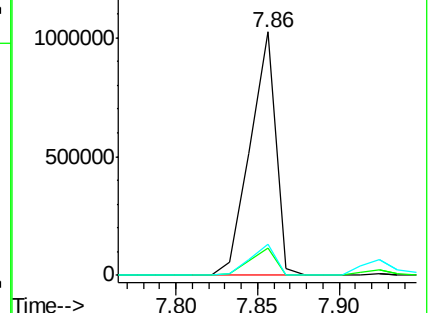
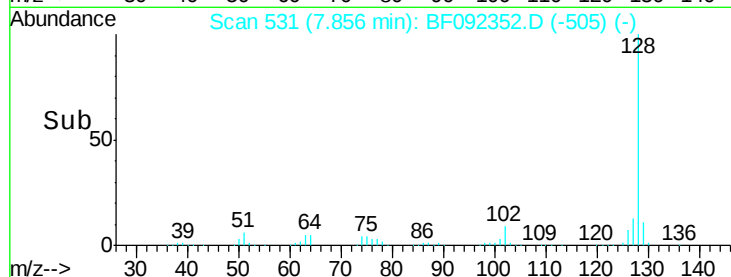
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.51 ng

RT: 7.67 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

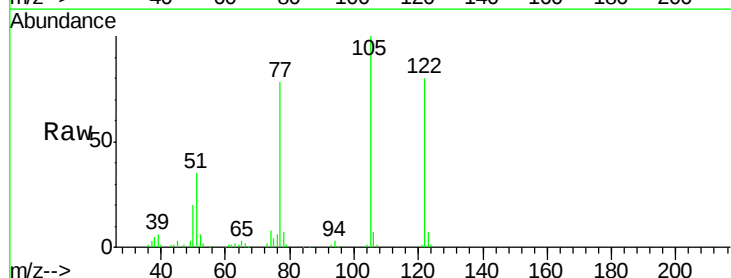
Tgt Ion:122 Resp: 216926

Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

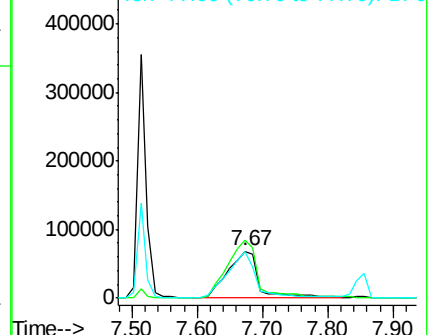
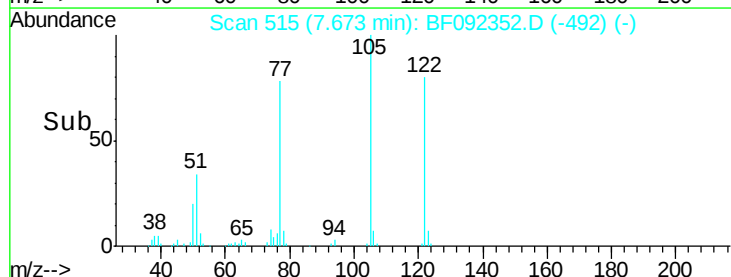
77 98.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

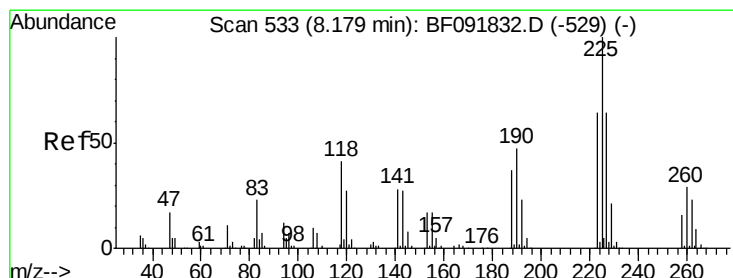
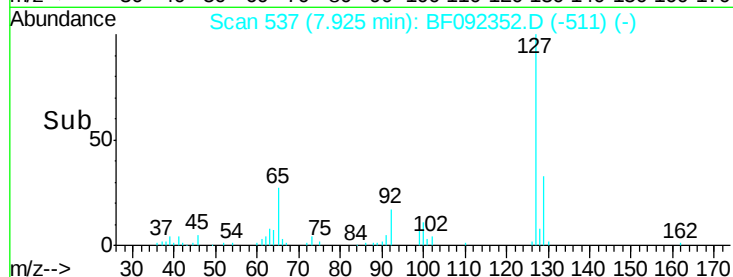
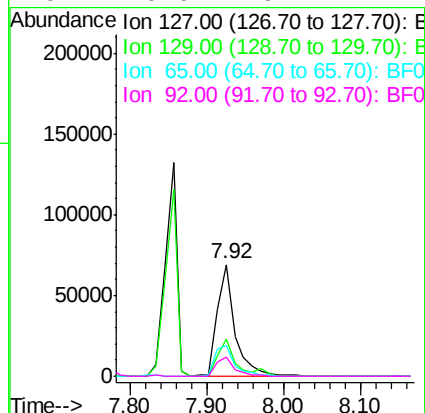
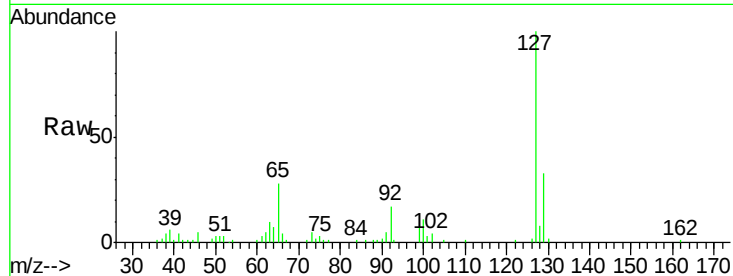




#33
4-Chloroaniline
Concen: 9.47 ng
RT: 7.92 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

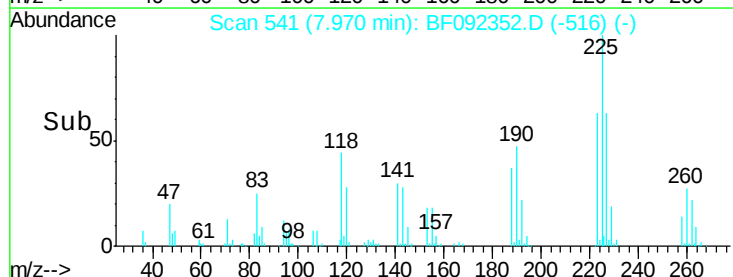
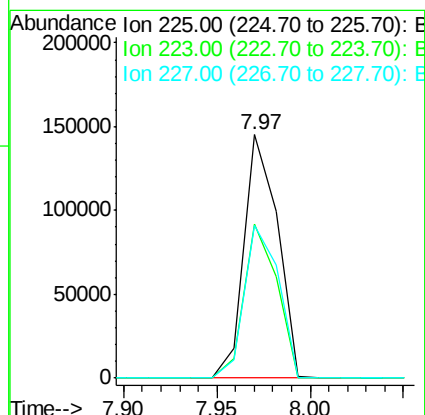
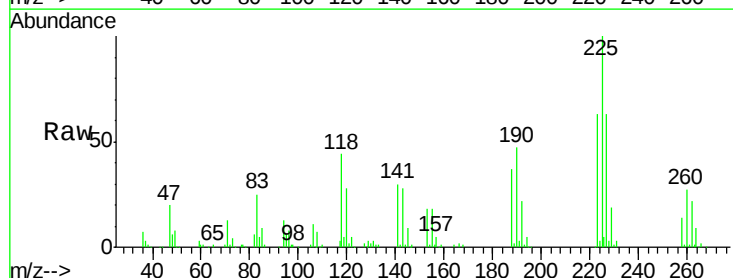
Instrument :
BNA_F
ClientSampleId :
PB96092BS

Tgt Ion:	127	Resp:	112241
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.0	25.8	38.8
92	16.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.10 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:	225	Resp:	181094
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	62.5	50.6	76.0

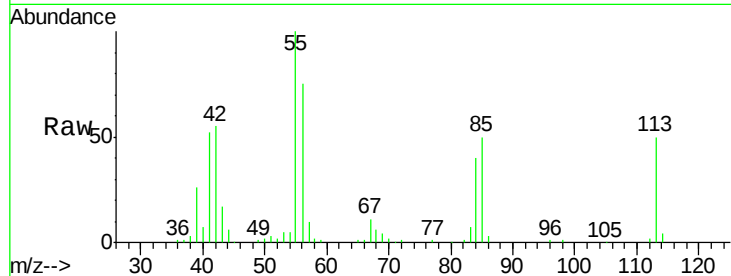




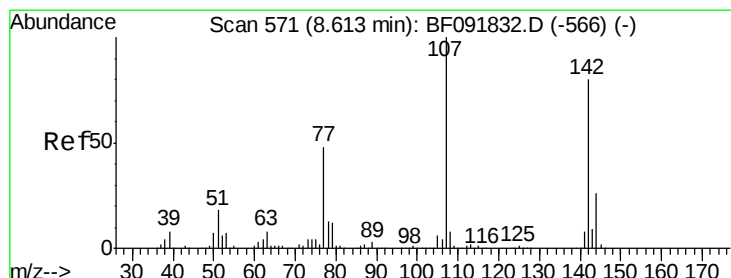
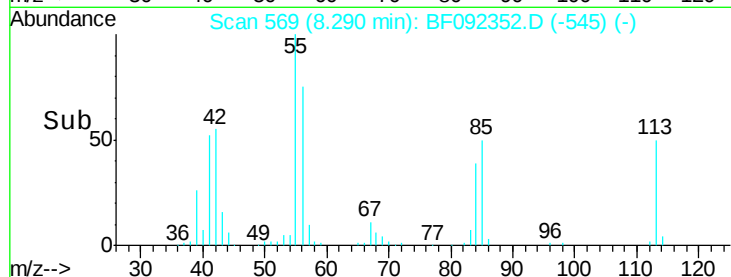
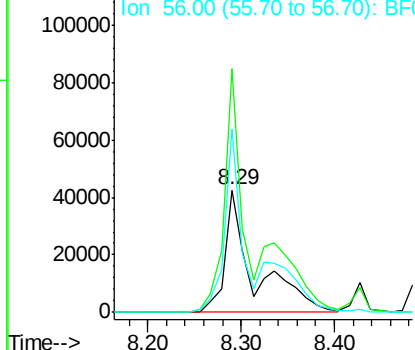
#35
 Caprolactam
 Concen: 37.46 ng m
 RT: 8.29 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Tgt Ion:113 Resp: 93782
 Ion Ratio Lower Upper
 113 100
 55 198.9 119.2 159.2#
 56 150.1 83.8 123.8#

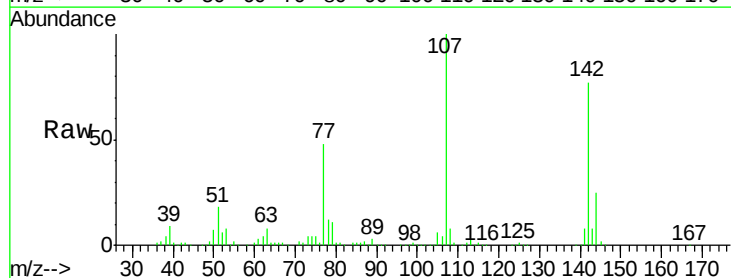


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

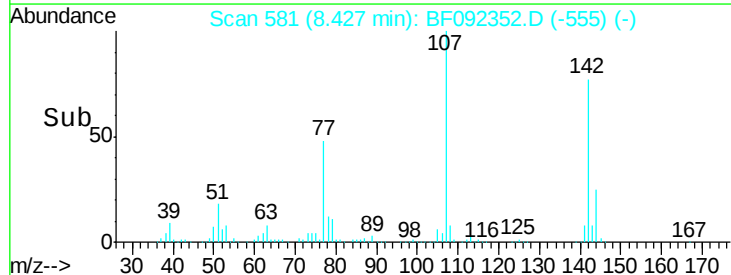
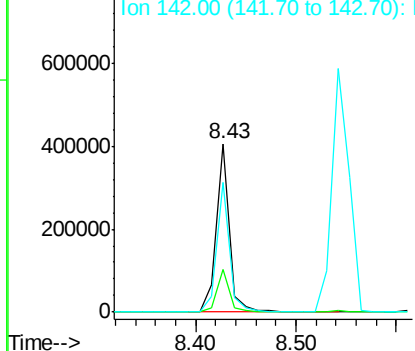


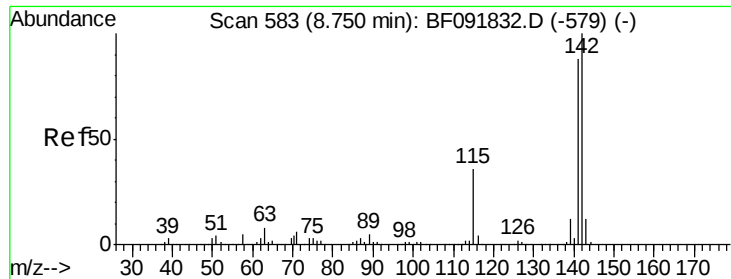
#36
 4-Chloro-3-methylphenol
 Concen: 41.87 ng
 RT: 8.43 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion:107 Resp: 367055
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 76.6 59.0 88.6



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

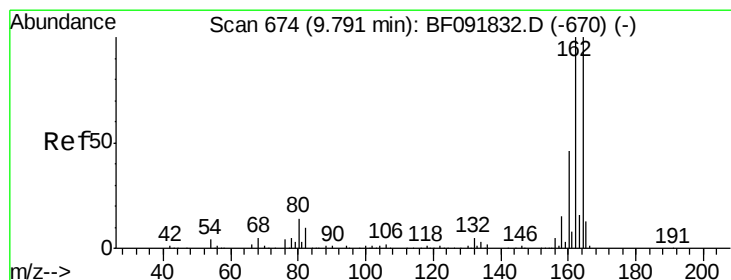
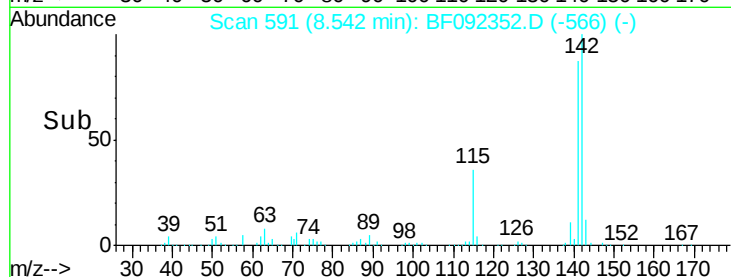
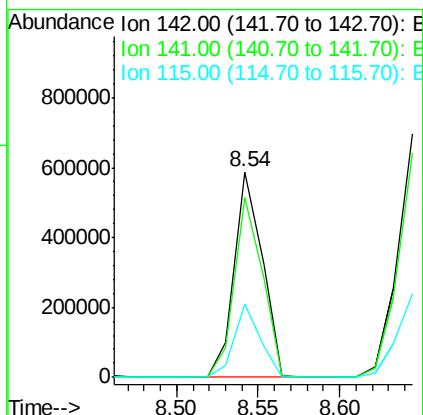
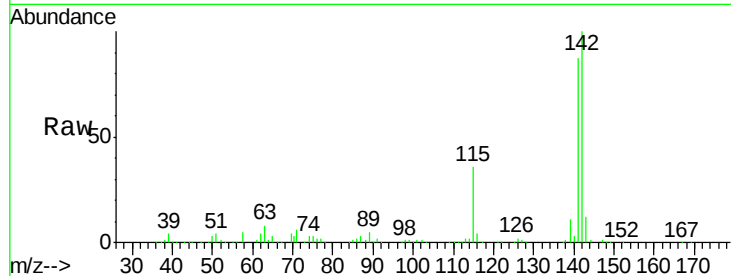




#37
 2-Methylnaphthalene
 Concen: 43.02 ng
 RT: 8.54 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

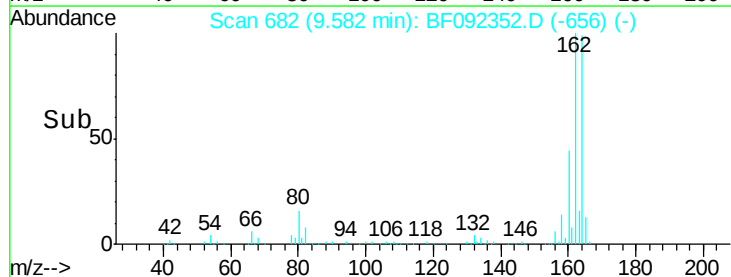
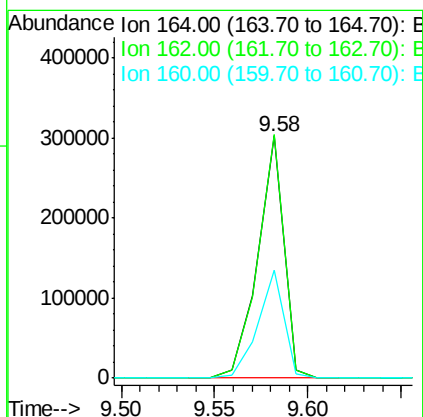
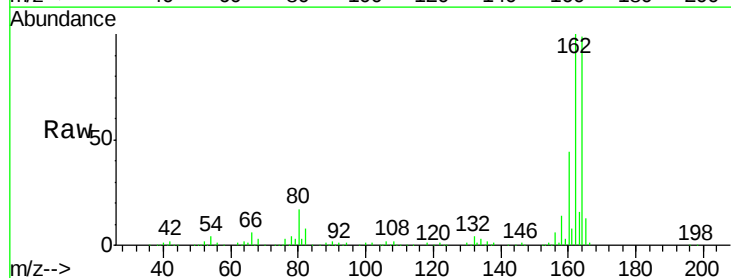
Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

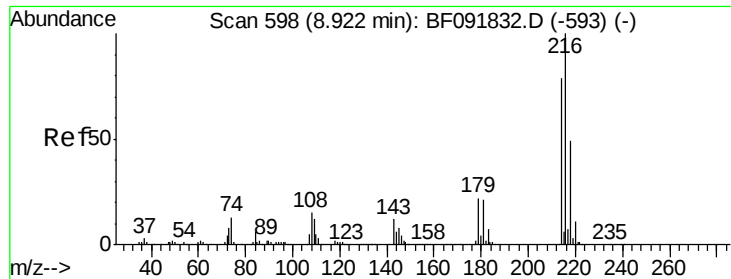
Tgt Ion:142 Resp: 696184
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.0 106.6
 115 35.8 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion:164 Resp: 291069
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 44.7 36.9 55.3

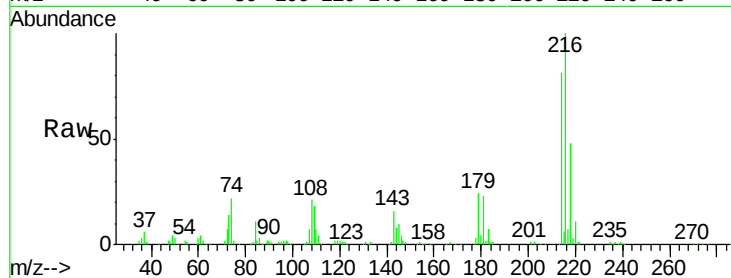




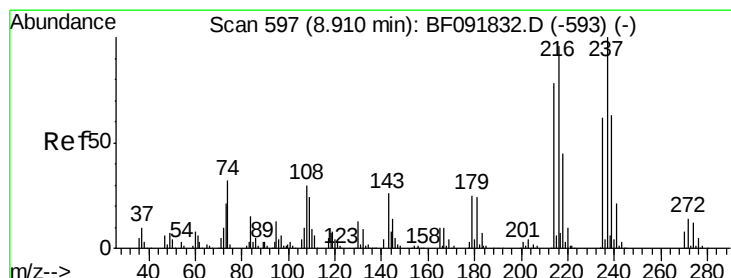
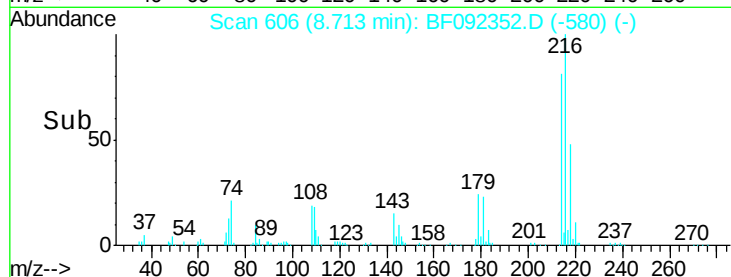
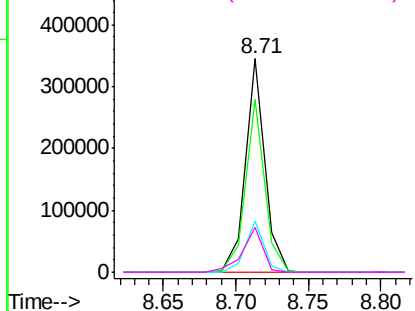
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.71 ng
 RT: 8.71 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Tgt Ion:	216	Resp:	321463
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.0
179	22.9	17.4	26.2
108	22.4	15.6	23.4

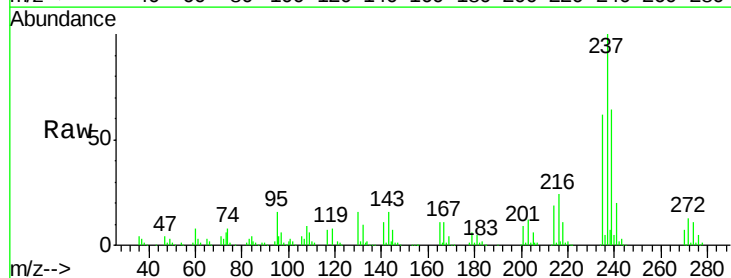


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

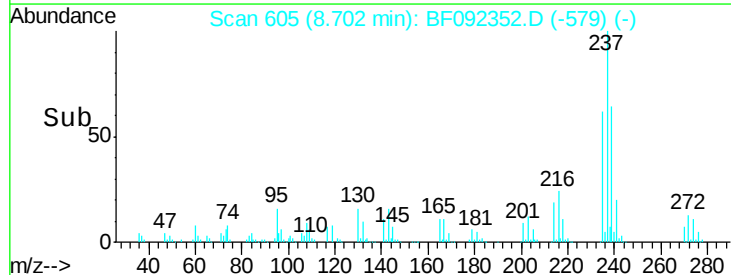
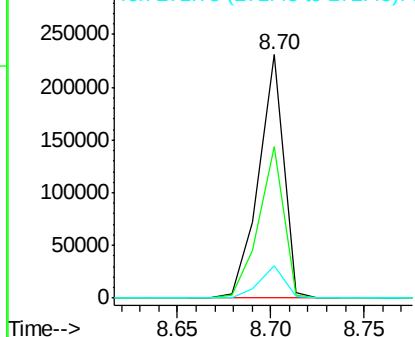


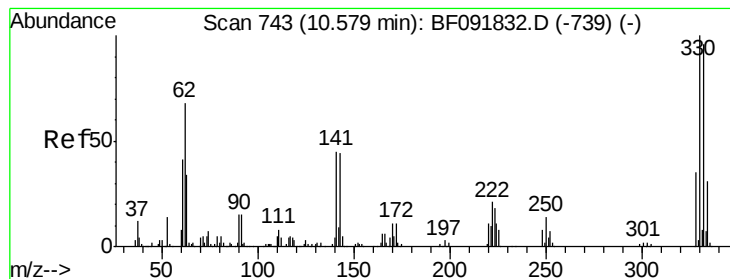
#40
 Hexachlorocyclopentadiene
 Concen: 66.21 ng
 RT: 8.70 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion:	237	Resp:	214466
Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.2	81.2
272	13.5	0.0	35.4



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





#41

2,4,6-Tribromophenol

Concen: 114.65 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

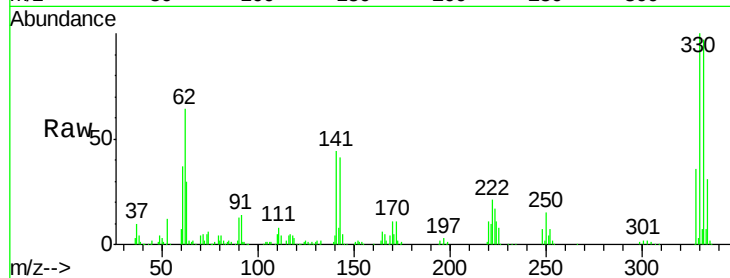
Tgt Ion:330 Resp: 276169

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

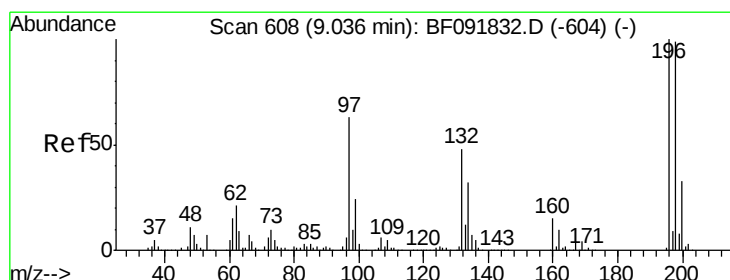
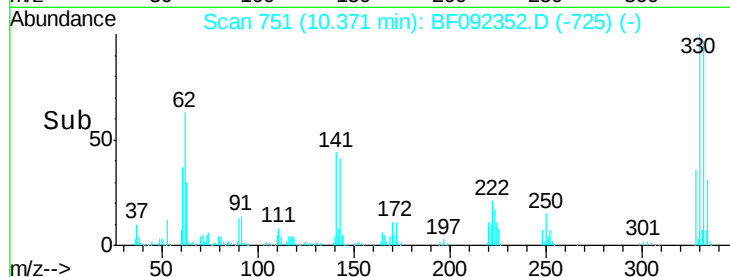
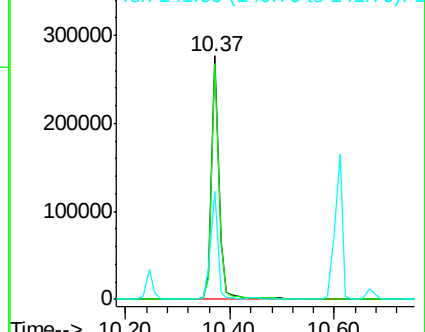
141 42.8 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.09 ng

RT: 8.84 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

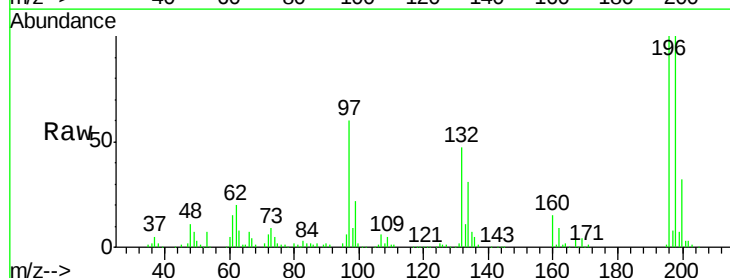
Tgt Ion:196 Resp: 206201

Ion Ratio Lower Upper

196 100

198 100.1 82.1 123.1

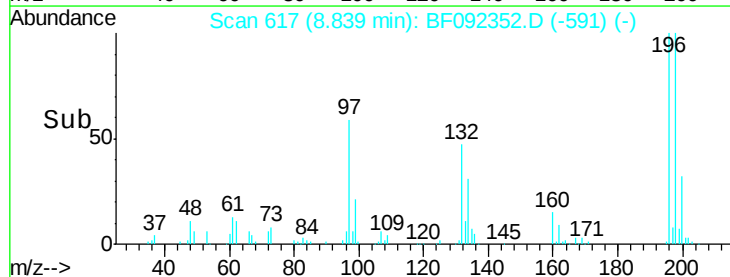
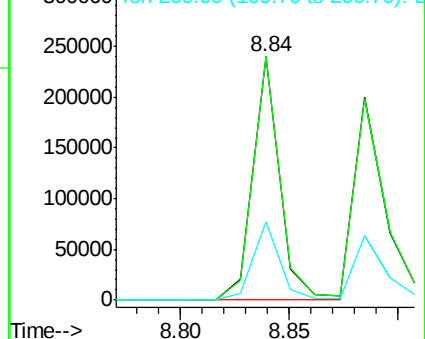
200 32.2 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

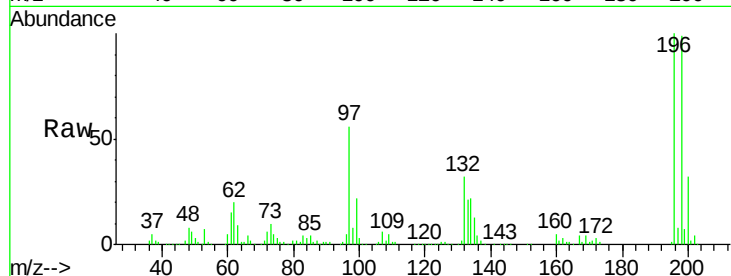




#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.4	119.2
97	56.0	51.5	77.3
132	31.9	27.4	41.2



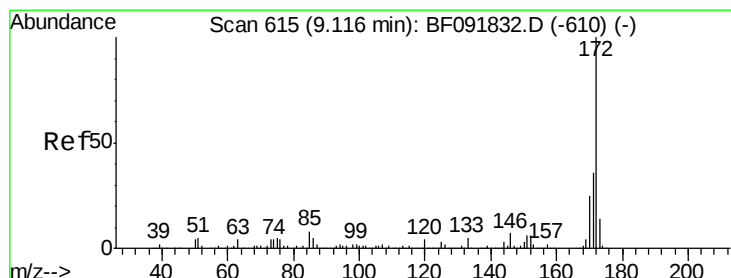
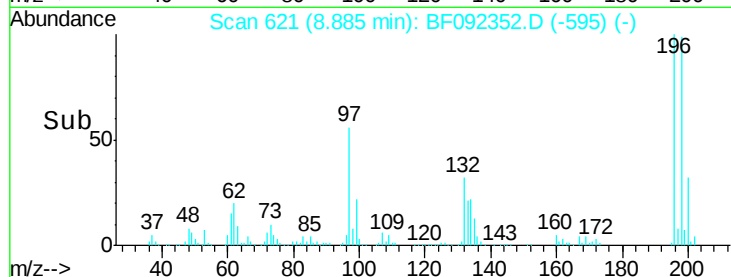
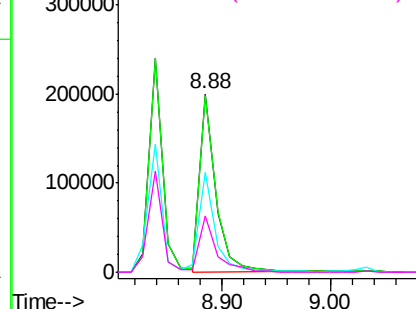
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

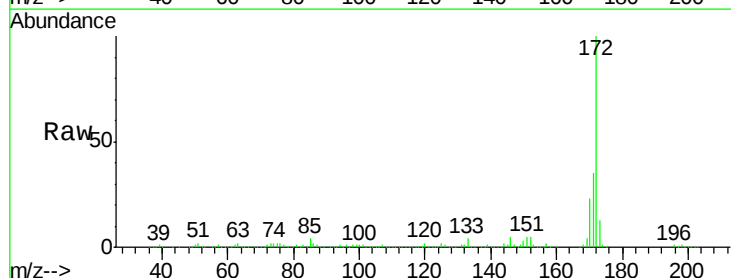
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.05 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.5	20.2	30.4

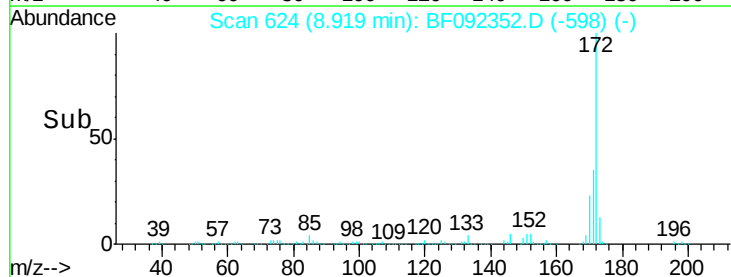
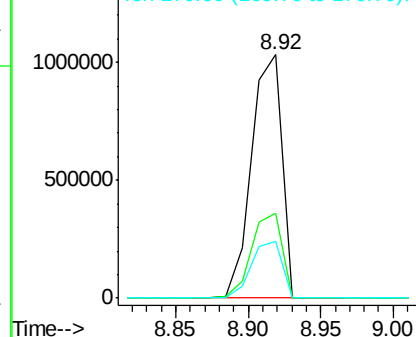


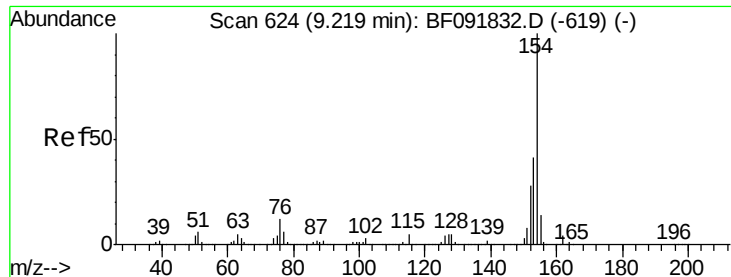
Abundance

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

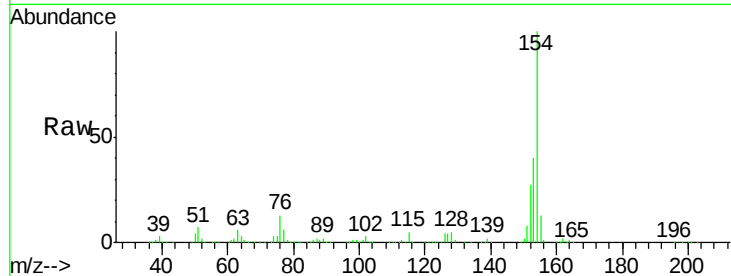




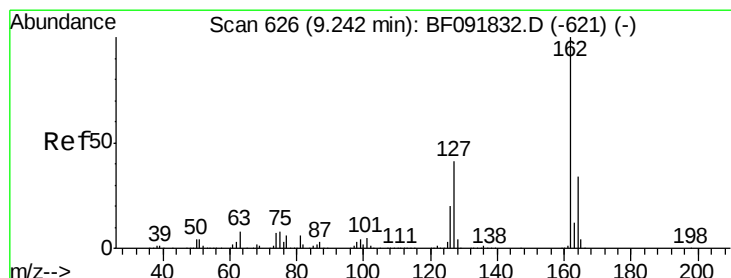
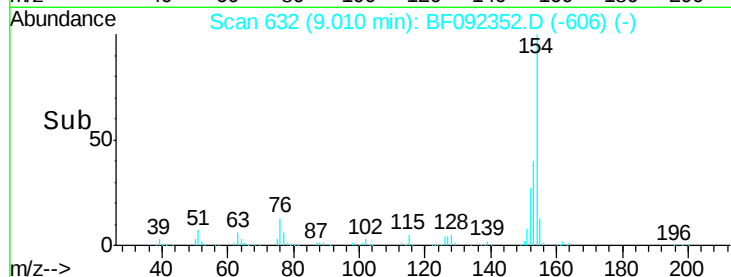
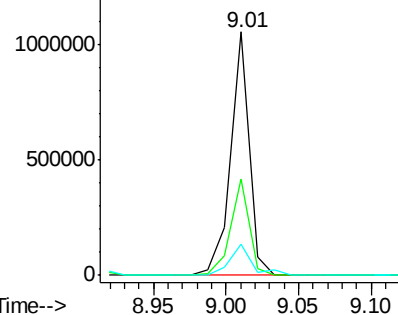
#45
 1,1'-Biphenyl
 Concen: 47.10 ng
 RT: 9.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Instrument :
 BNA_F
 ClientSampled :
 PB96092BS

Tgt Ion:154 Resp: 938704
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.9 60.9
 76 12.9 0.0 30.5

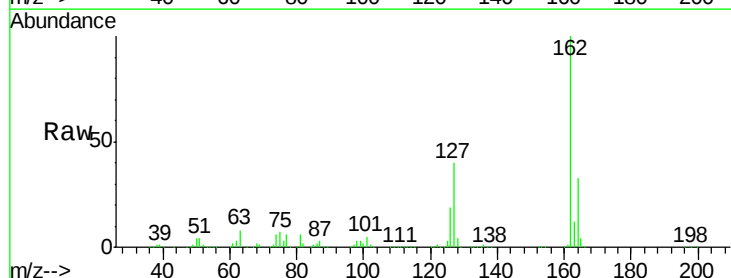


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

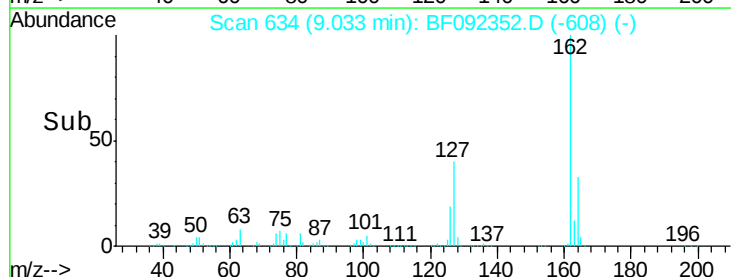
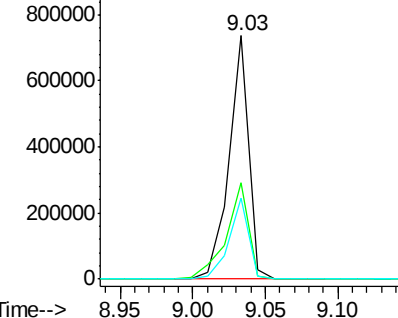


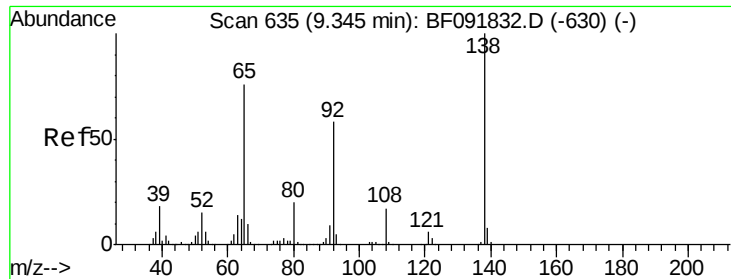
#46
 2-Chloronaphthalene
 Concen: 43.75 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion:162 Resp: 690514
 Ion Ratio Lower Upper
 162 100
 127 39.6 30.7 46.1
 164 33.5 27.6 41.4



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

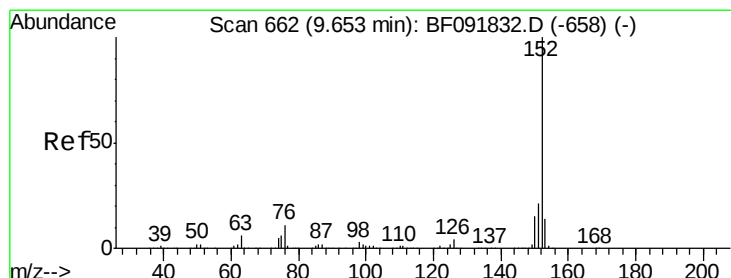
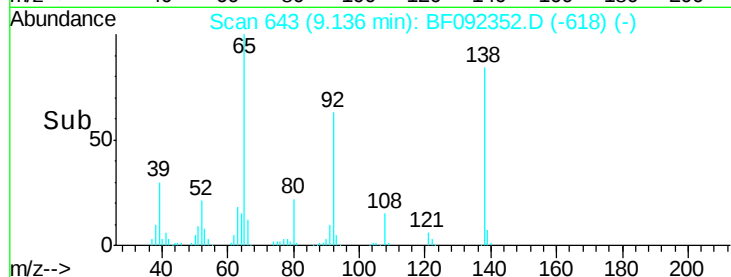
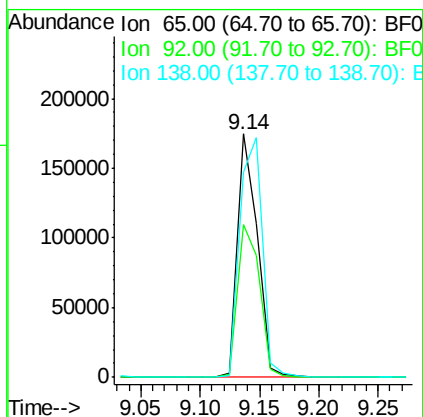
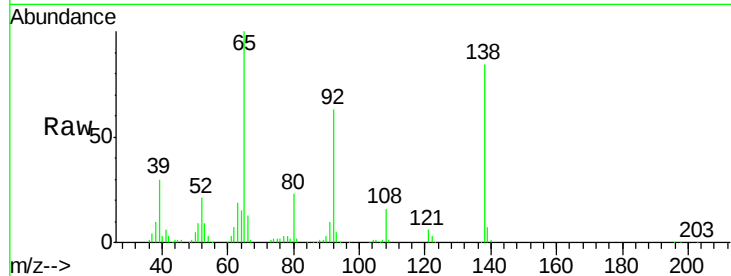




#47
2-Nitroaniline
Concen: 36.54 ng
RT: 9.14 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

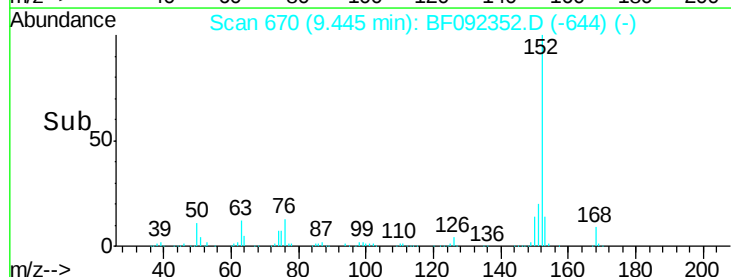
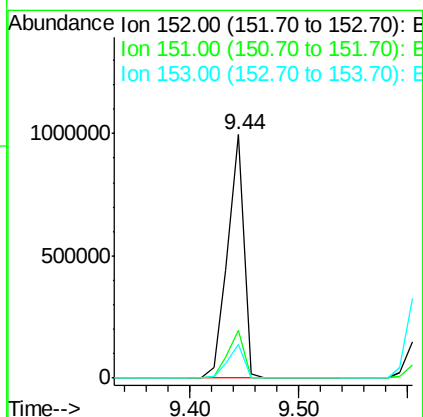
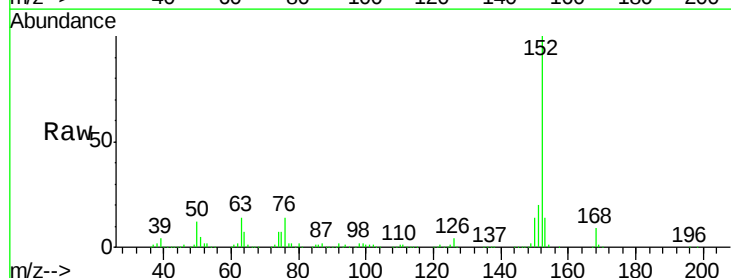
Instrument :
BNA_F
ClientSampleId :
PB96092BS

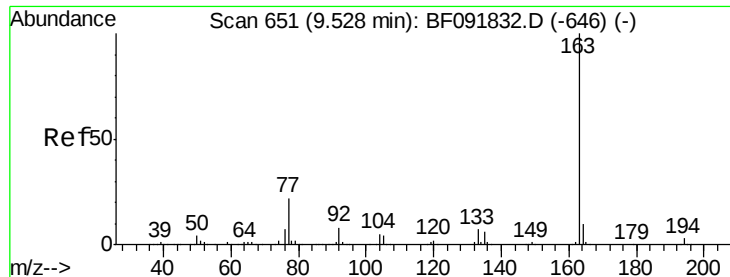
Tgt Ion: 65 Resp: 205351
Ion Ratio Lower Upper
65 100
92 62.8 53.9 80.9
138 84.4 76.8 115.2



#48
Acenaphthylene
Concen: 42.59 ng
RT: 9.44 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion: 152 Resp: 1033800
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 13.7 11.4 17.2

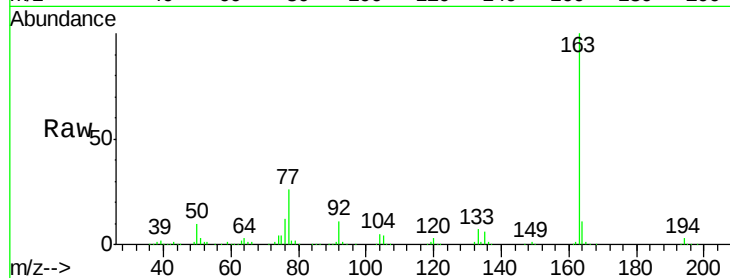




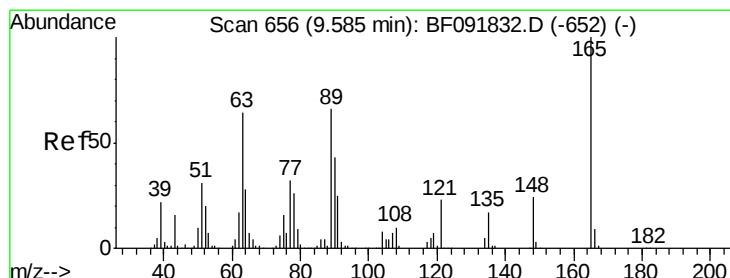
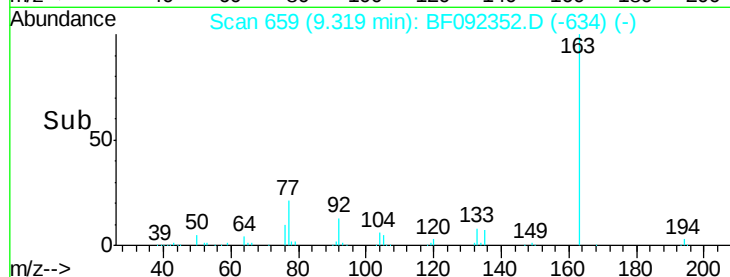
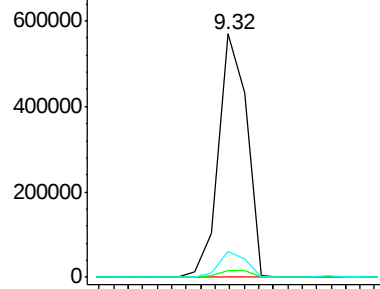
#49
Dimethylphthalate
Concen: 41.34 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96092BS

Tgt Ion:163 Resp: 769578
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.8 8.0 12.0

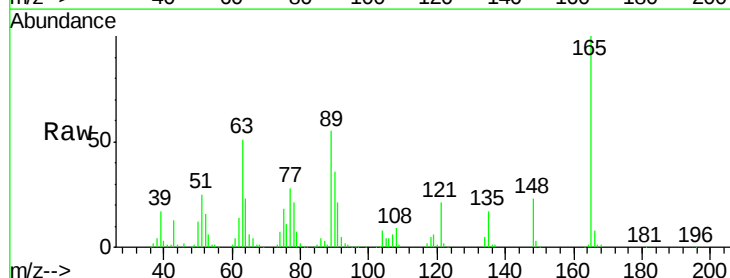


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

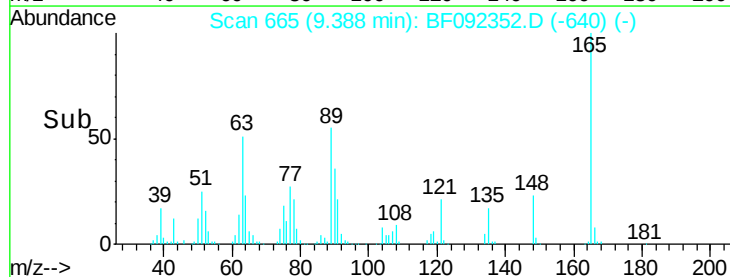
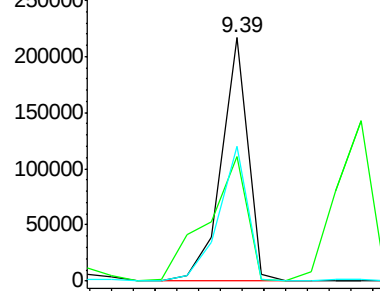


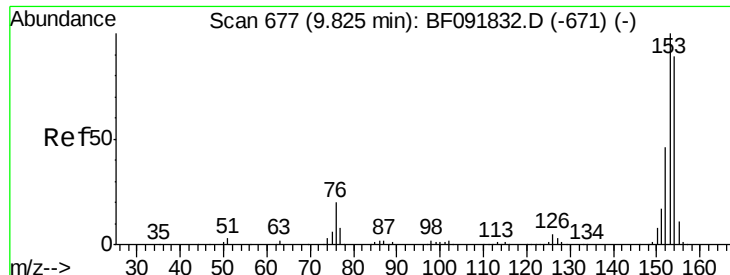
#50
2,6-Dinitrotoluene
Concen: 44.80 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:165 Resp: 182559
Ion Ratio Lower Upper
165 100
63 51.3 36.2 54.4
89 55.2 40.2 60.4



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





#51

Acenaphthene

Concen: 41.02 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

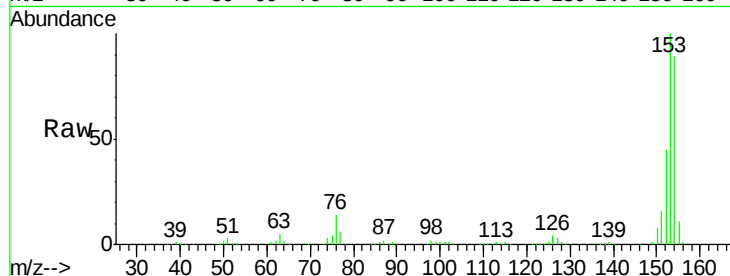
Tgt Ion:154 Resp: 674969

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

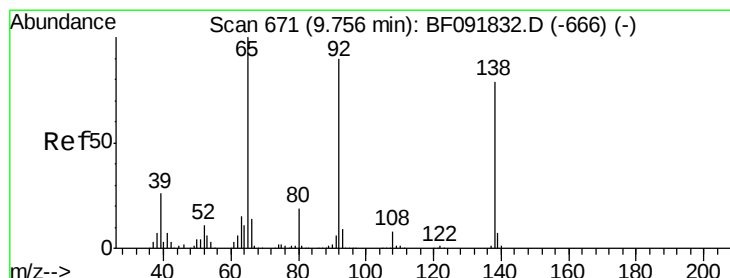
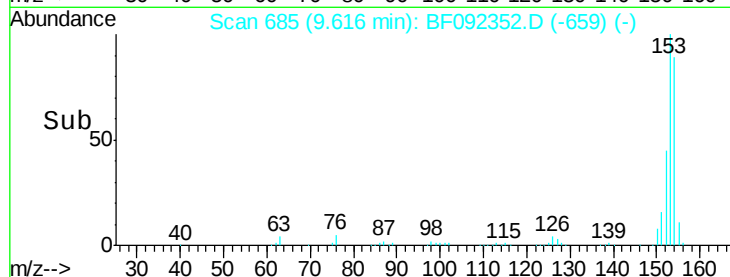
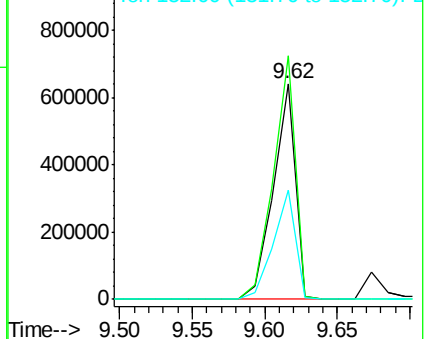
152 50.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.77 ng

RT: 9.55 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

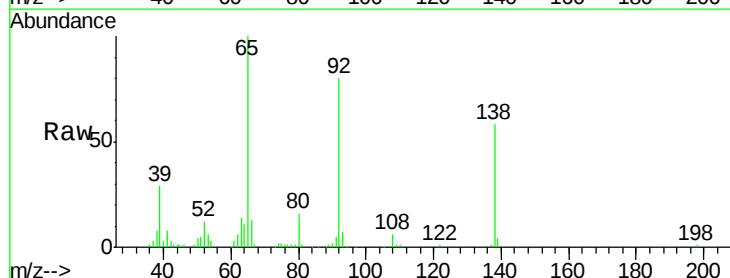
Tgt Ion:138 Resp: 74494

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

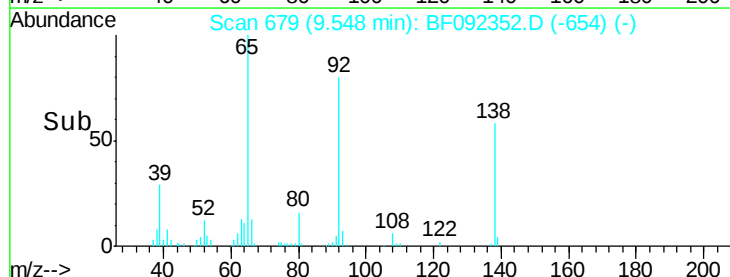
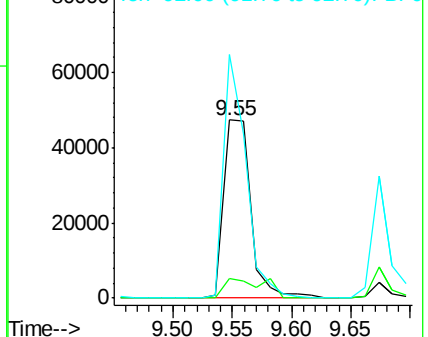
92 136.7 97.8 146.8

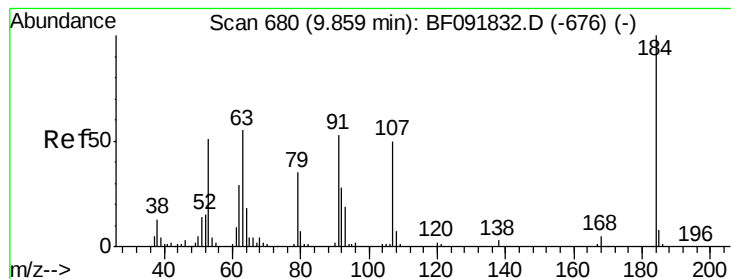


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 64.09 ng

RT: 9.67 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

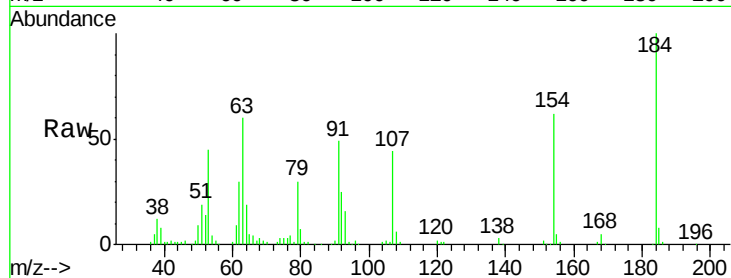
Tgt Ion:184 Resp: 145301

Ion Ratio Lower Upper

184 100

63 59.8 28.4 42.6#

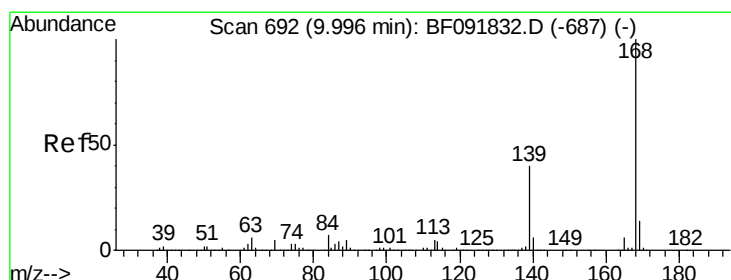
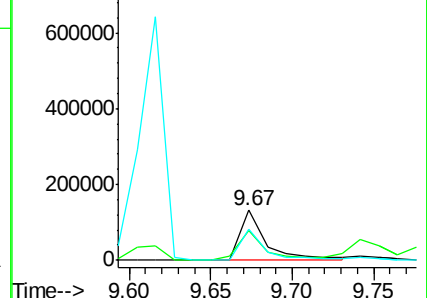
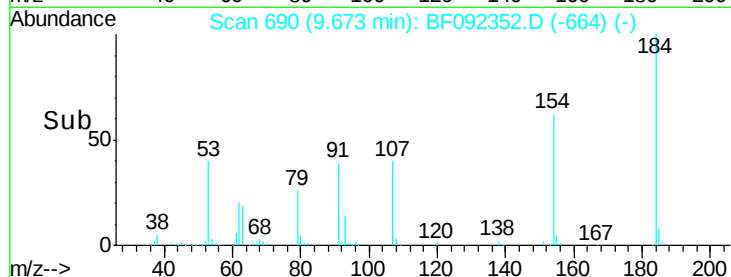
154 62.1 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.78 ng

RT: 9.79 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

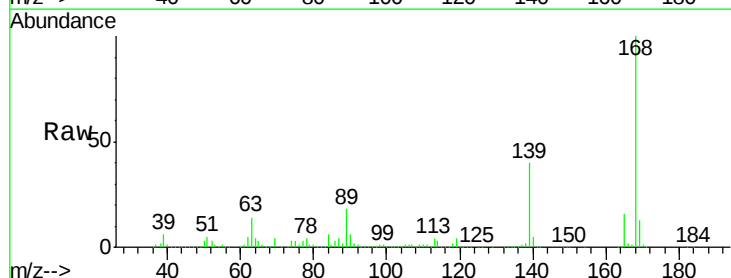
Tgt Ion:168 Resp: 928478

Ion Ratio Lower Upper

168 100

139 40.0 32.6 49.0

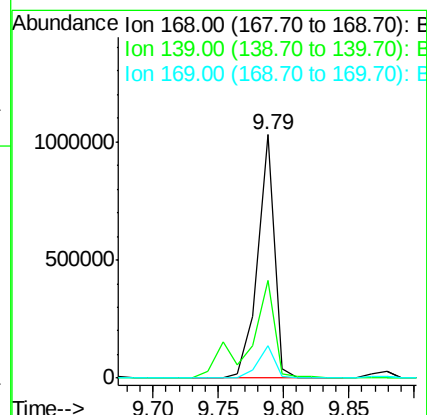
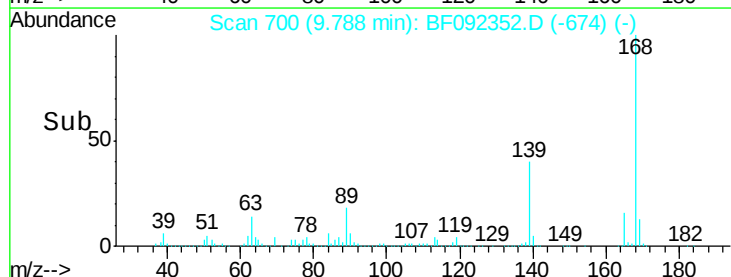
169 13.2 11.3 16.9

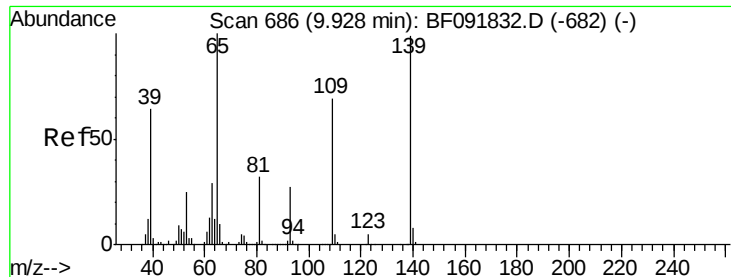


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

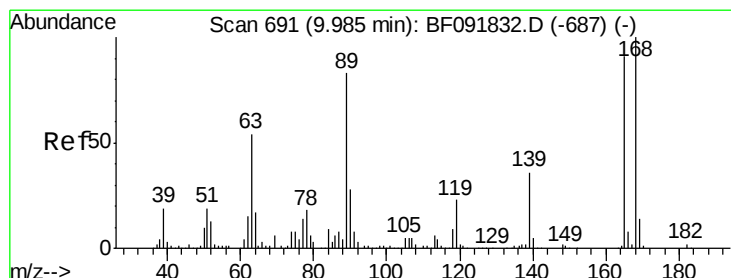
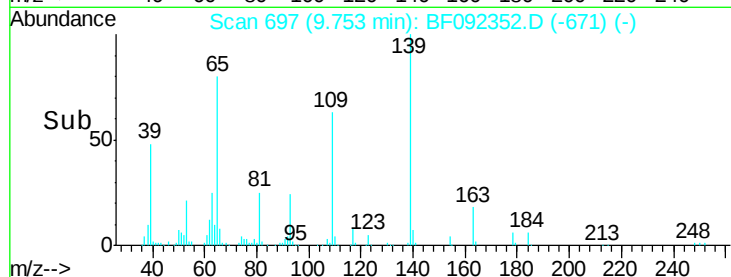
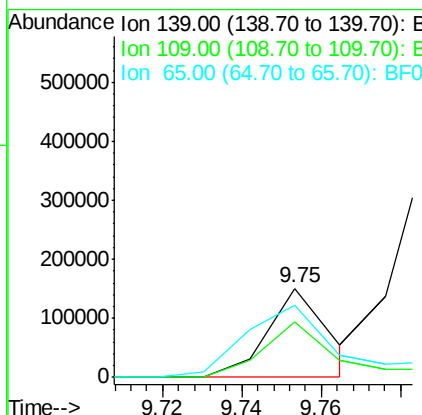
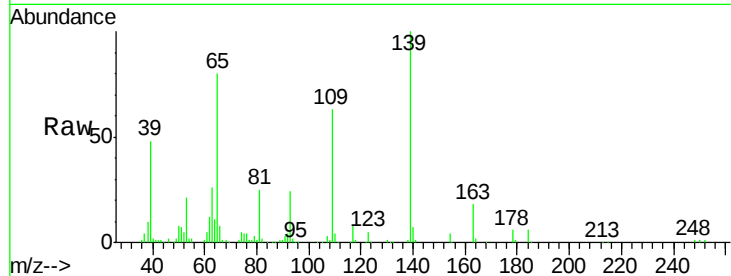




#55
4-Nitrophenol
Concen: 47.36 ng m
RT: 9.75 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

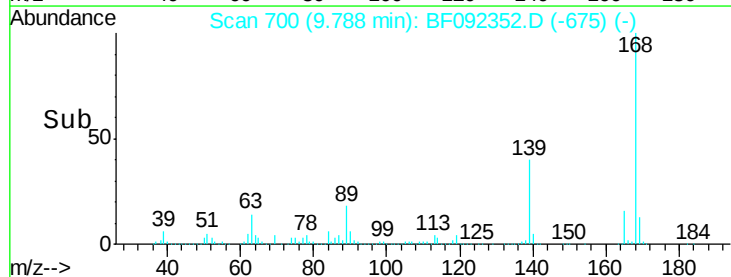
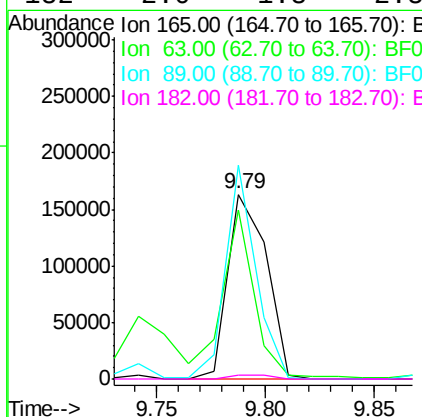
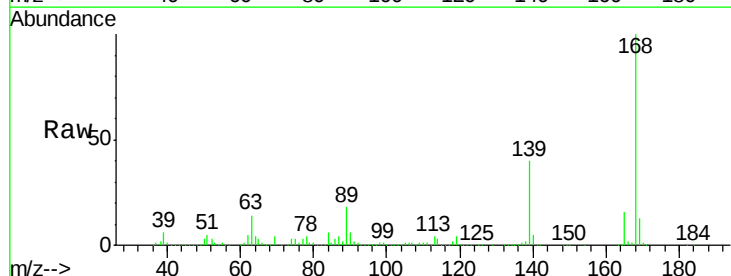
Instrument :
BNA_F
ClientSampleId :
PB96092BS

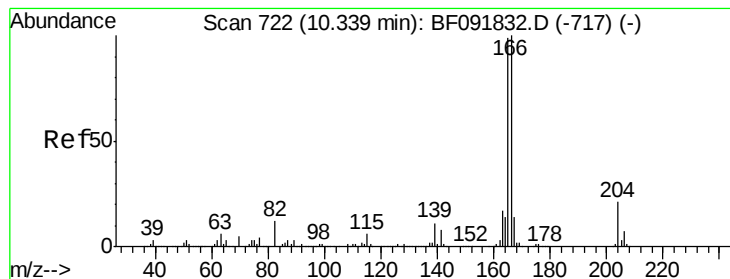
Tgt Ion:139 Resp: 162141
Ion Ratio Lower Upper
139 100
109 62.8 52.2 92.2
65 80.3 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 39.52 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:165 Resp: 202133
Ion Ratio Lower Upper
165 100
63 91.3 40.2 60.4#
89 115.6 62.5 93.7#
182 2.0 1.8 2.8





#57

Fluorene

Concen: 44.92 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

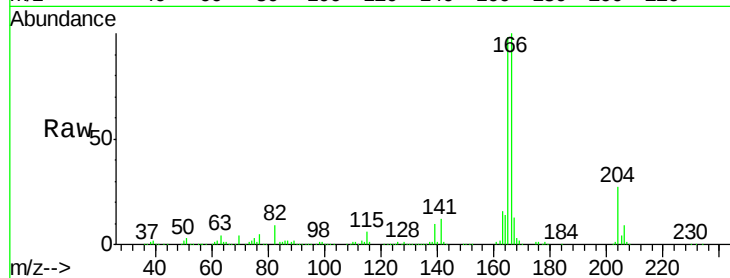
Tgt Ion:166 Resp: 726259

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

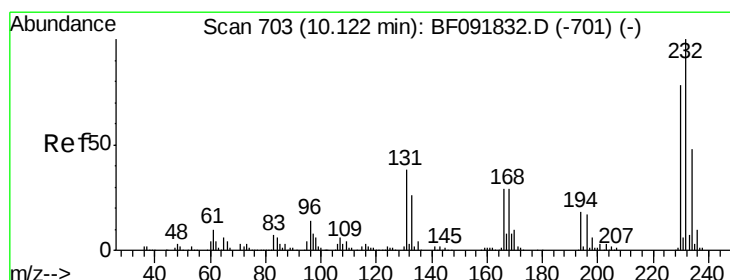
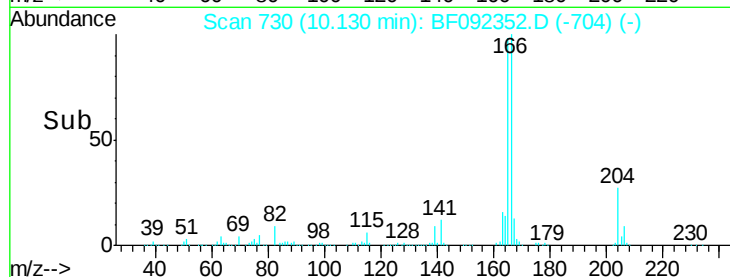
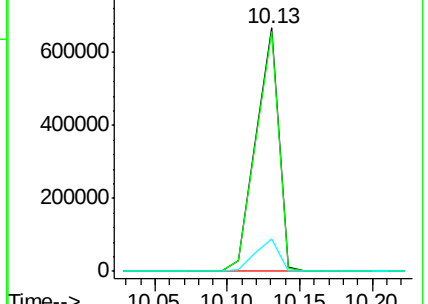
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.27 ng

RT: 9.91 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Tgt Ion:232 Resp: 168565

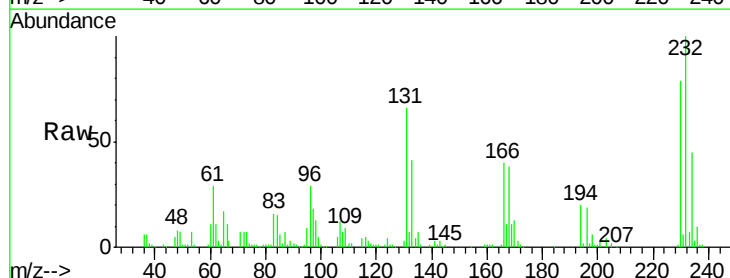
Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.1 1.8 2.8

166 30.7 26.6 39.8

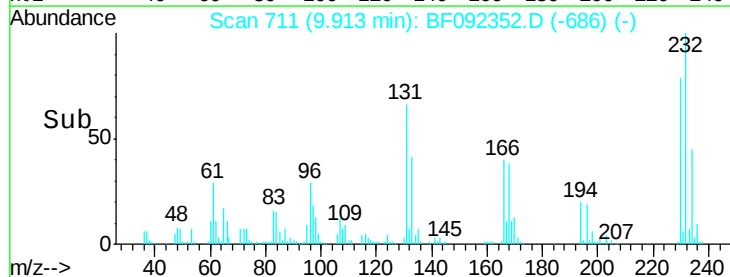
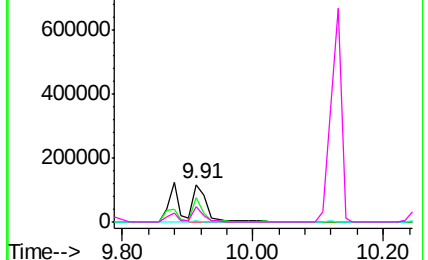


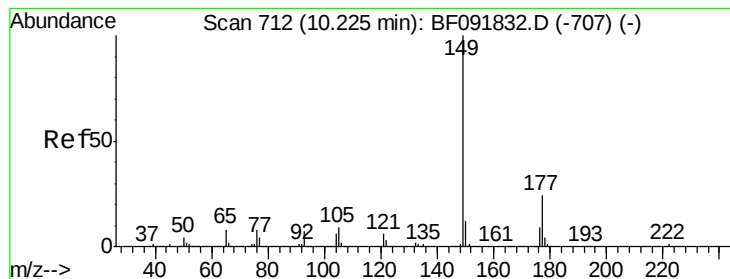
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.73 ng

RT: 10.02 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

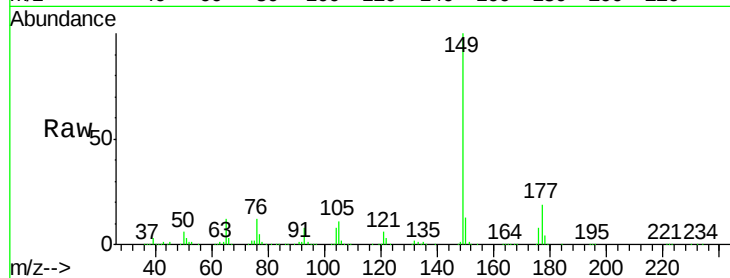
Tgt Ion:149 Resp: 736368

Ion Ratio Lower Upper

149 100

177 19.3 16.6 25.0

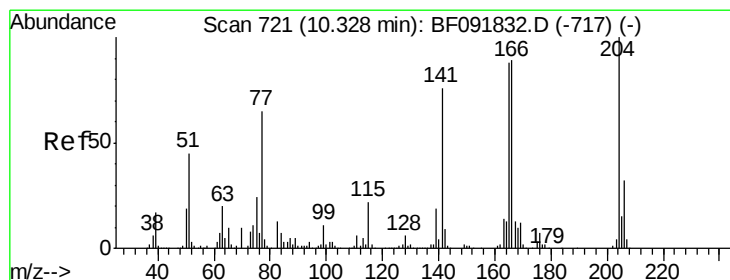
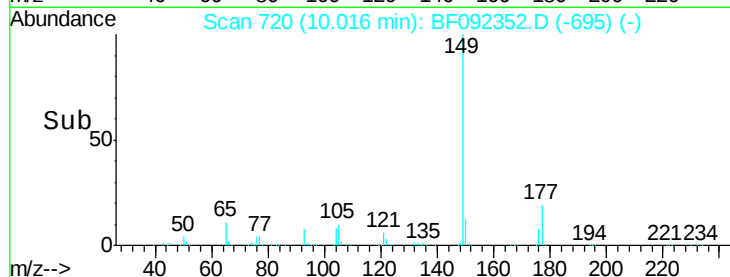
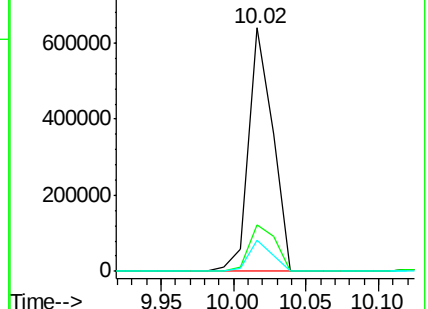
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

RT: 10.12 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

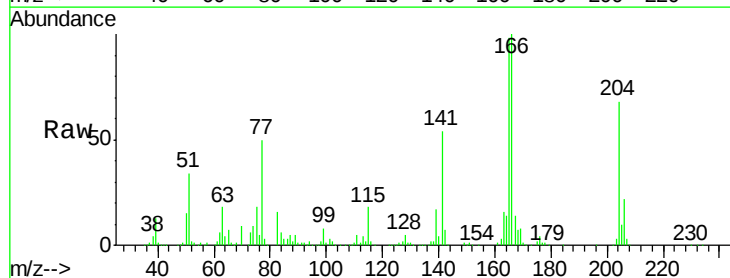
Tgt Ion:204 Resp: 298491

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

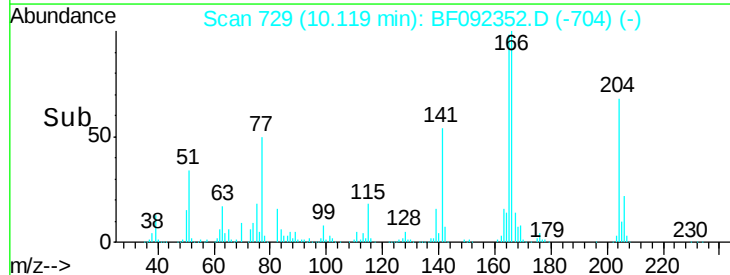
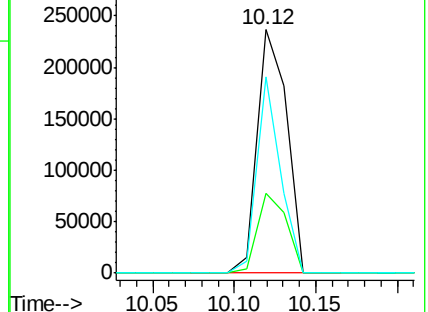
141 80.6 59.4 89.0

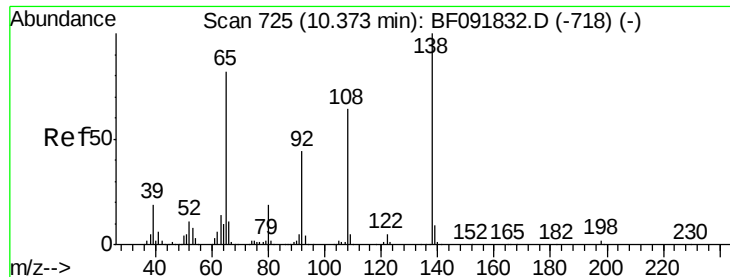


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

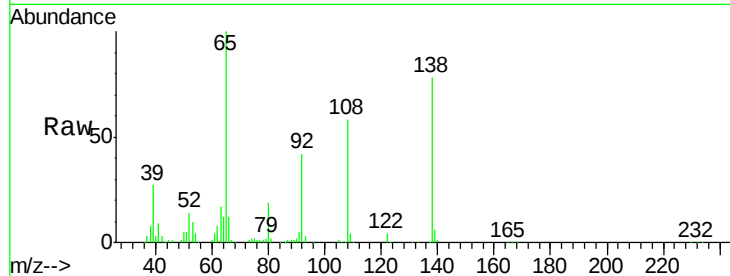




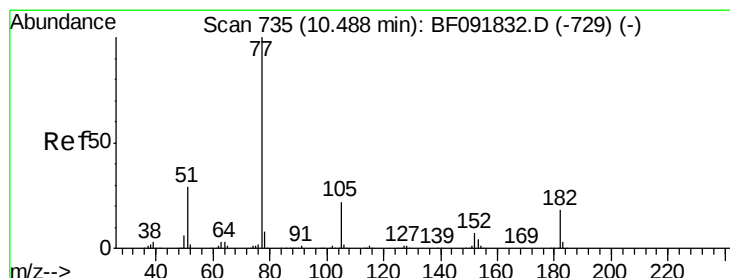
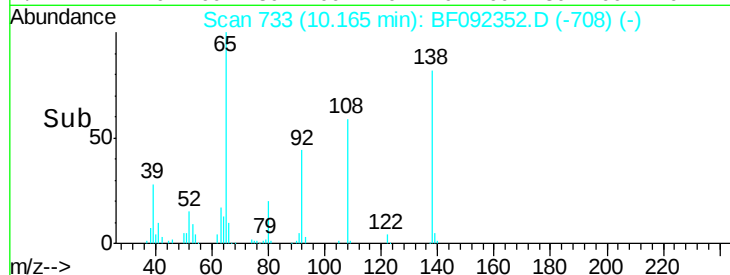
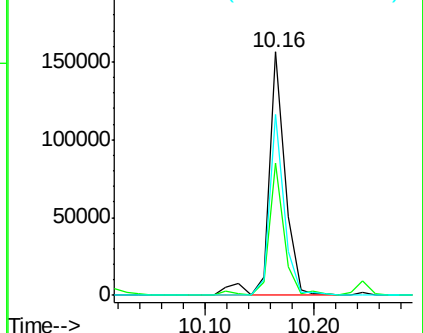
#61
4-Nitroaniline
Concen: 31.23 ng
RT: 10.16 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96092BS

Tgt Ion:138 Resp: 163182
Ion Ratio Lower Upper
138 100
92 54.3 31.7 71.7
108 74.1 52.6 92.6

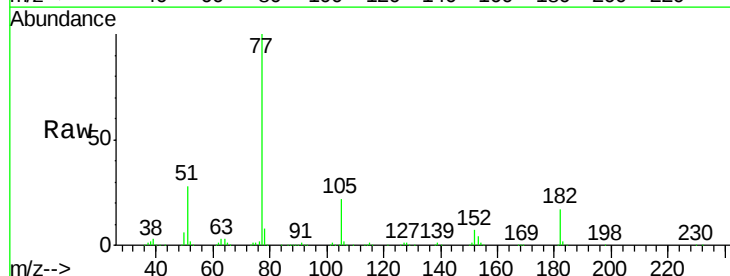


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

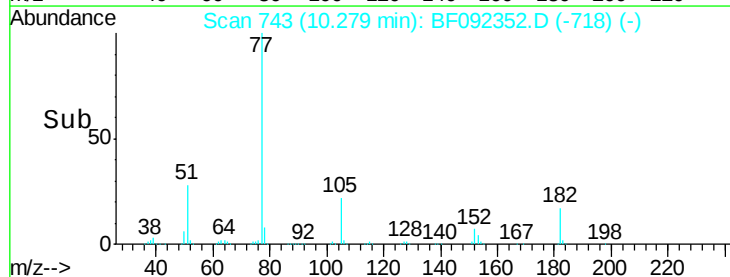
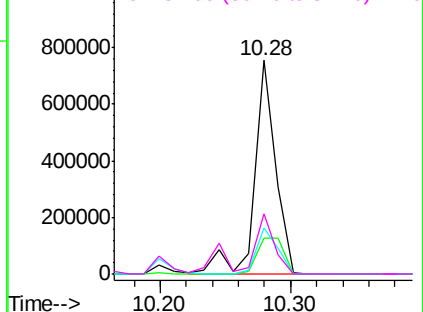


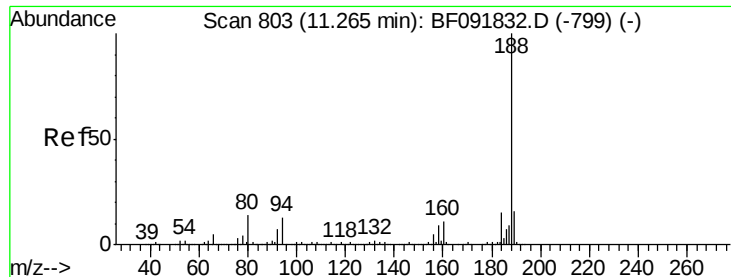
#62
Azobenzene
Concen: 43.06 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion: 77 Resp: 857153
Ion Ratio Lower Upper
77 100
182 17.0 0.0 39.3
105 21.7 2.3 42.3
51 28.1 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

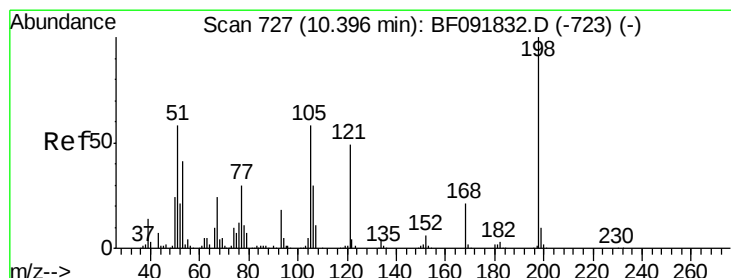
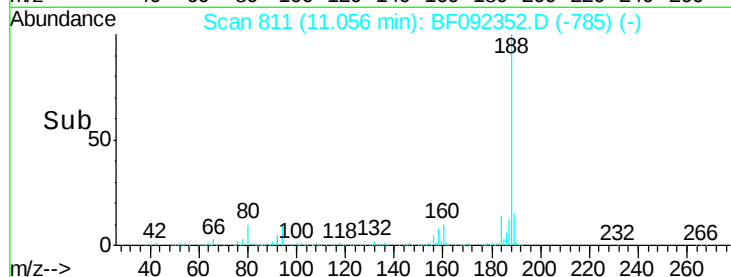
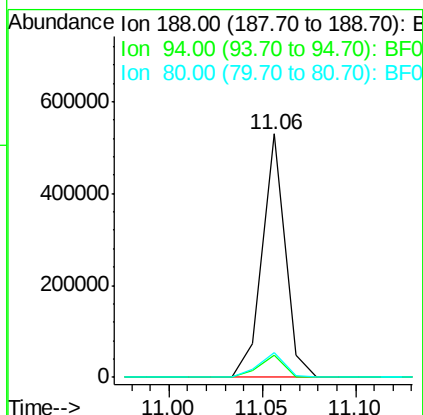
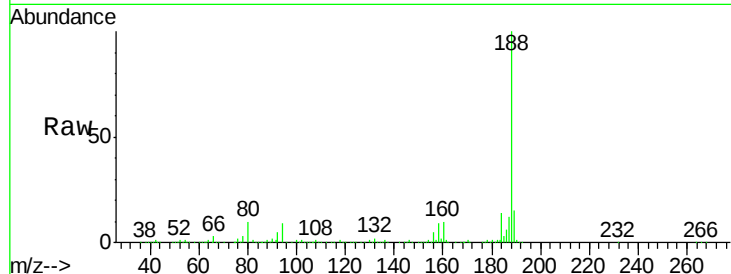




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

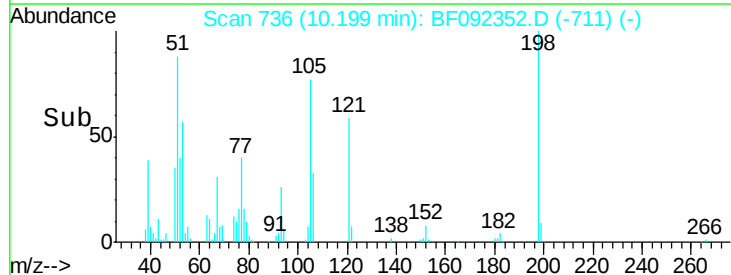
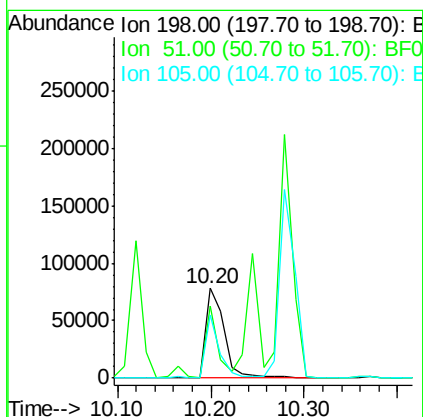
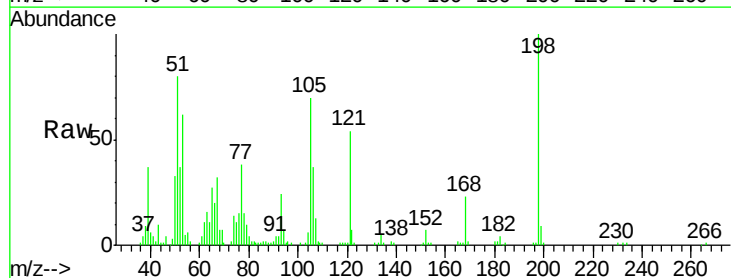
Instrument :
BNA_F
ClientSampleId :
PB96092BS

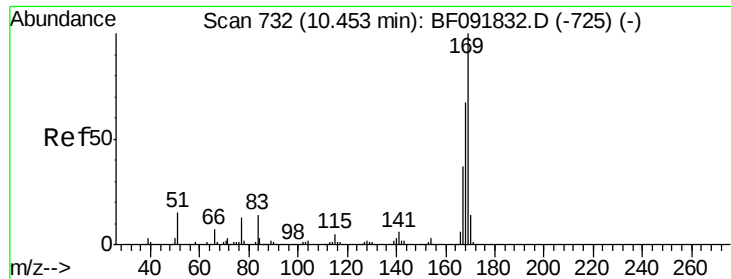
Tgt Ion:188 Resp: 448939
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 10.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:198 Resp: 109404
Ion Ratio Lower Upper
198 100
51 80.3 6.7 46.7#
105 69.6 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 43.11 ng

RT: 10.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

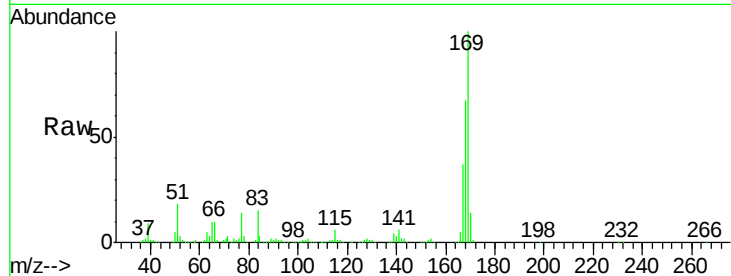
Tgt Ion:169 Resp: 574247

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

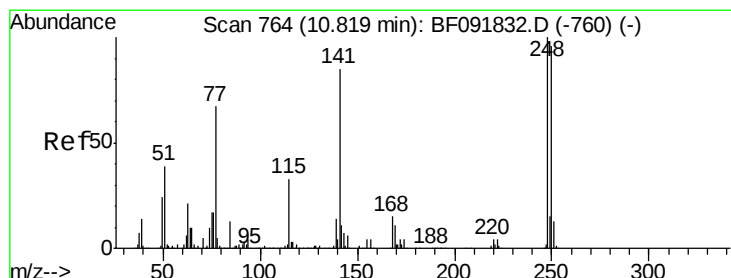
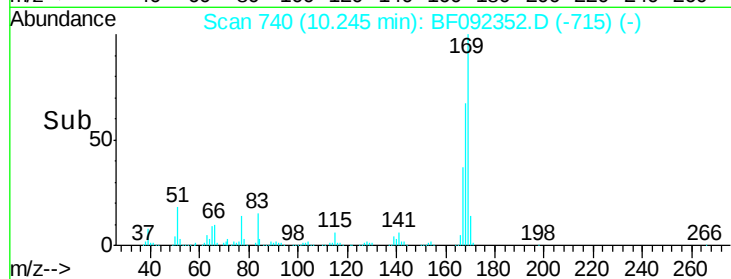
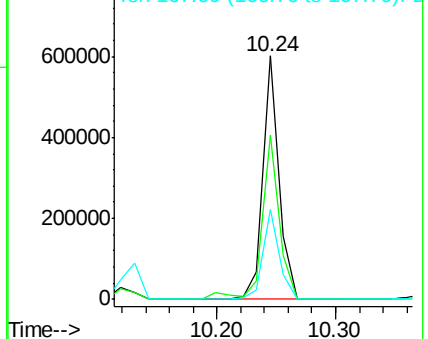
167 37.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.26 ng

RT: 10.61 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

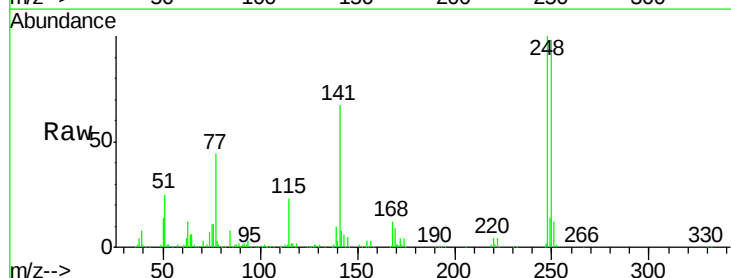
Tgt Ion:248 Resp: 211380

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

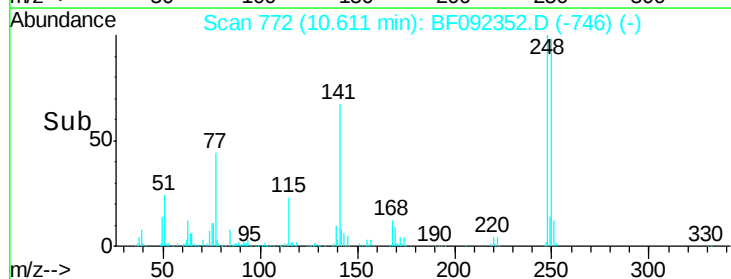
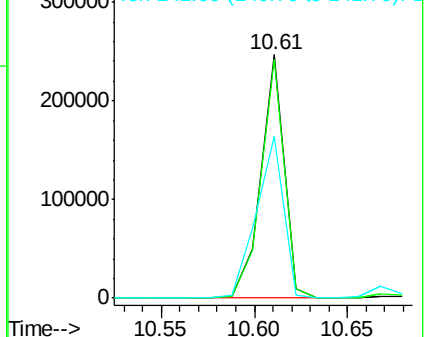
141 66.5 68.2 102.4#

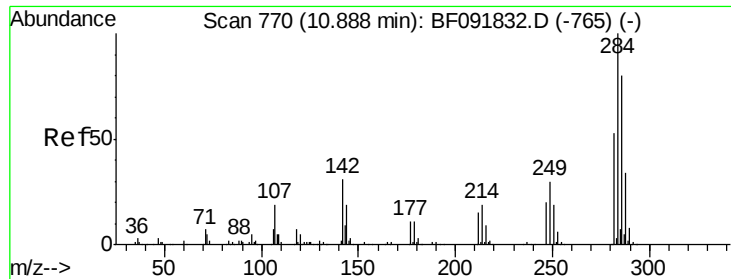


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

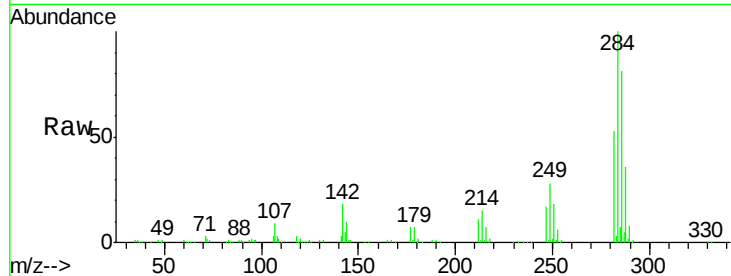




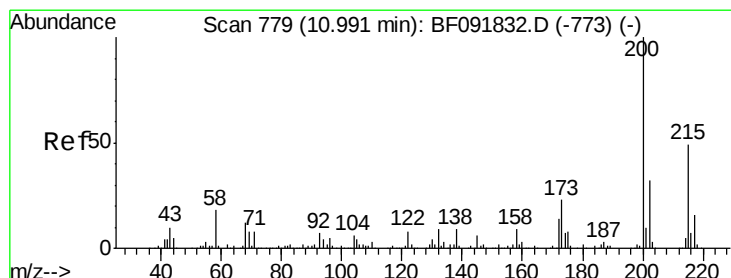
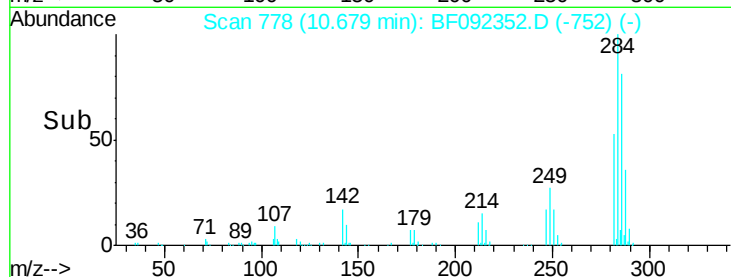
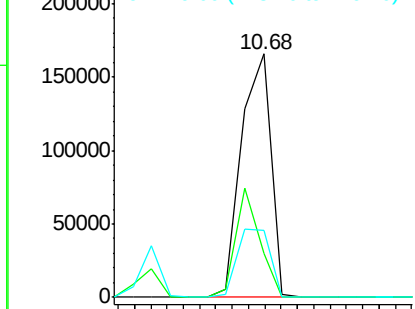
#67
Hexachlorobenzene
Concen: 41.56 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96092BS

Tgt Ion: 284 Resp: 207435
Ion Ratio Lower Upper
284 100
142 17.9 22.6 33.8#
249 27.7 25.4 38.0

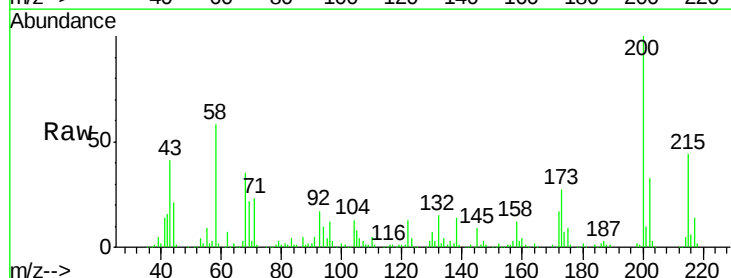


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

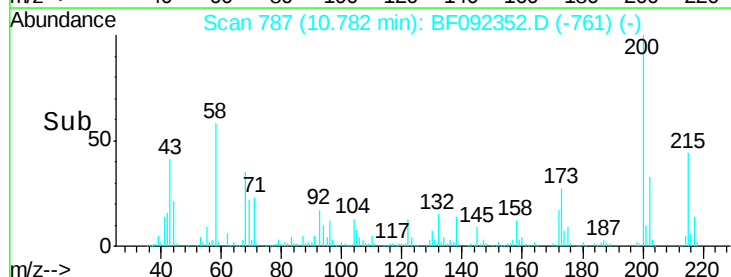
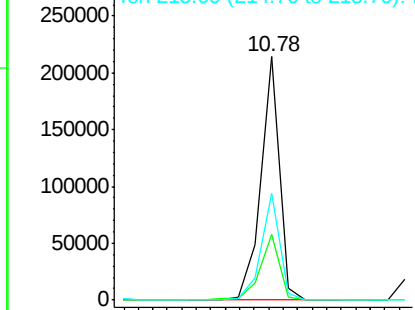


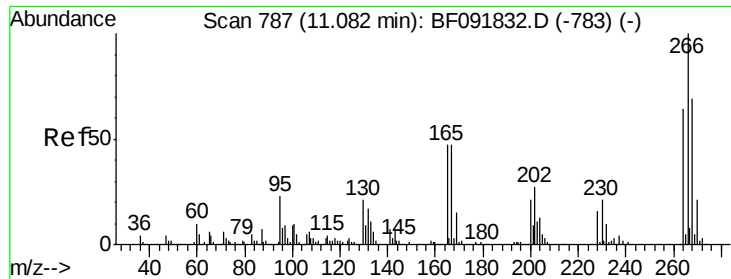
#68
Atrazine
Concen: 44.34 ng
RT: 10.78 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion: 200 Resp: 190538
Ion Ratio Lower Upper
200 100
173 27.0 9.6 49.6
215 43.9 25.7 65.7



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

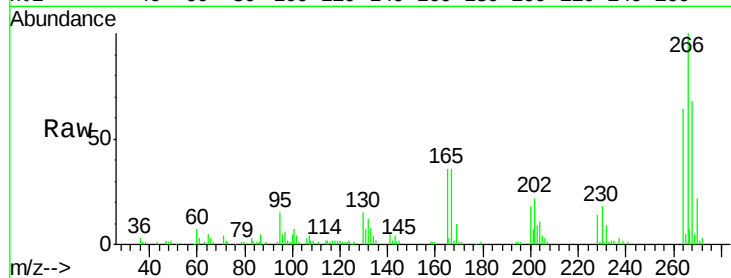




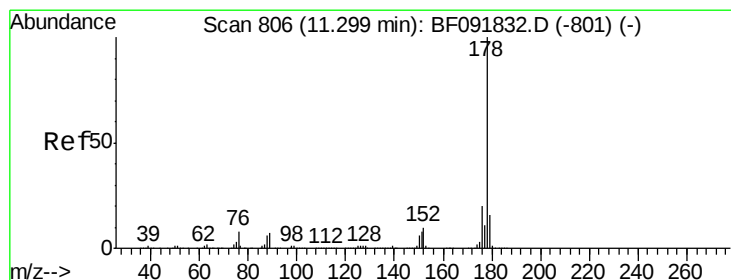
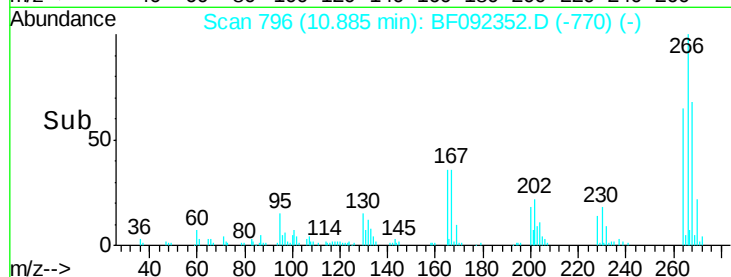
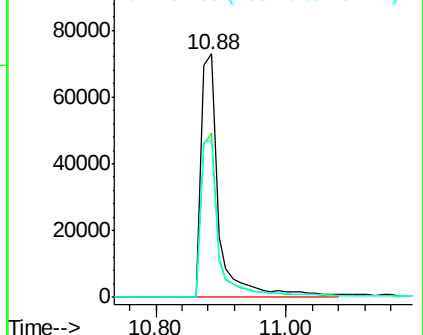
#69
 Pentachlorophenol
 Concen: 56.19 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

Tgt Ion: 266 Resp: 137628
 Ion Ratio Lower Upper
 266 100
 268 67.6 53.3 79.9
 264 64.3 50.3 75.5

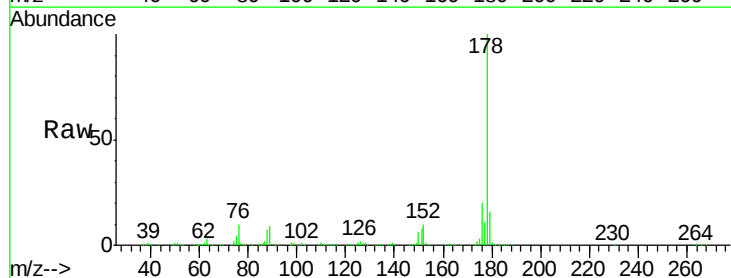


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

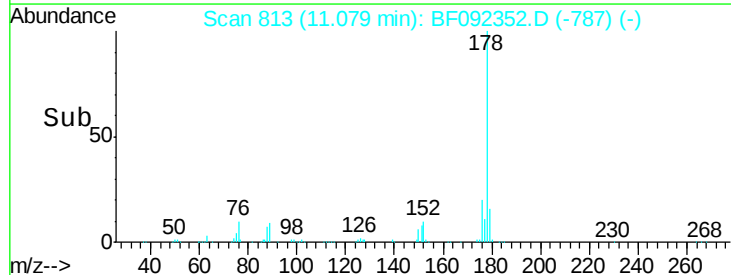
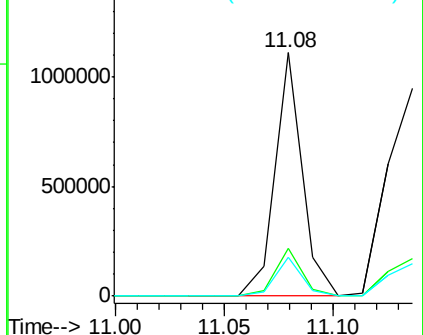


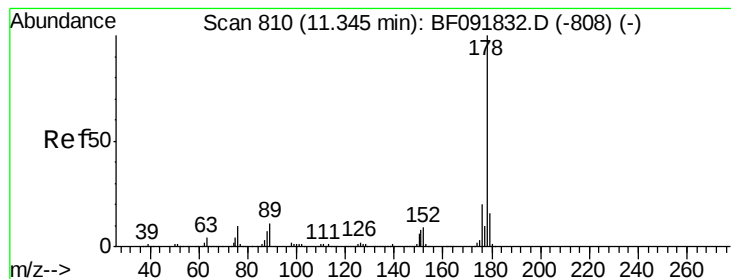
#70
 Phenanthrene
 Concen: 40.26 ng
 RT: 11.08 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion: 178 Resp: 979976
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 54.77 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

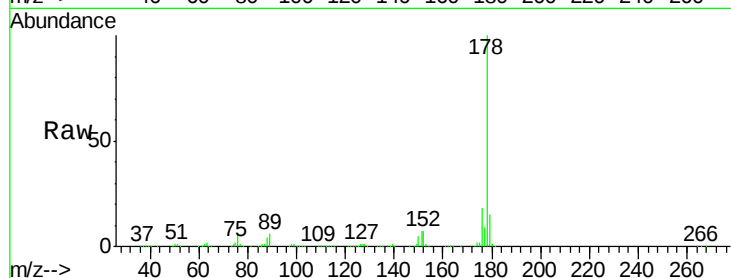
Tgt Ion:178 Resp: 1094819

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

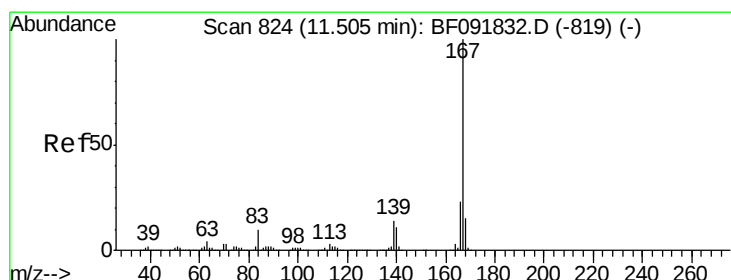
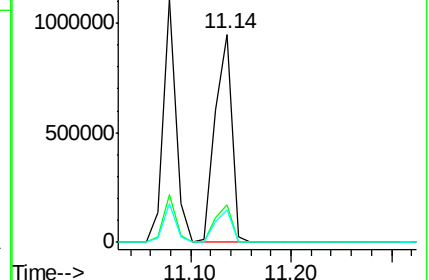
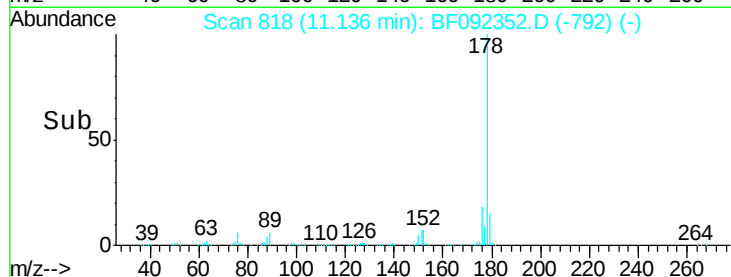
179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.12 ng

RT: 11.30 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

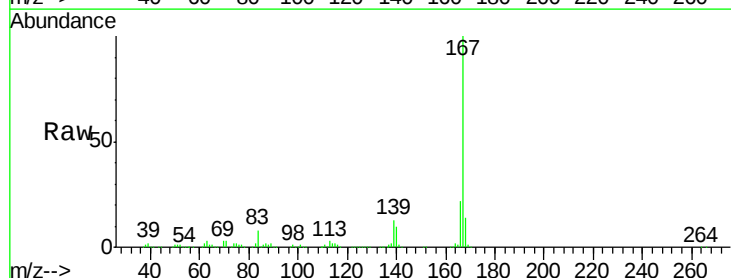
Tgt Ion:167 Resp: 924826

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

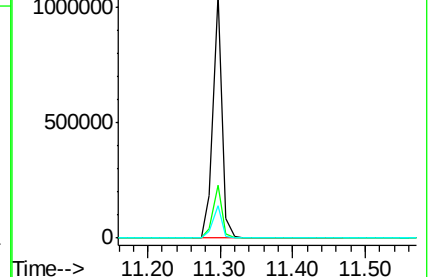
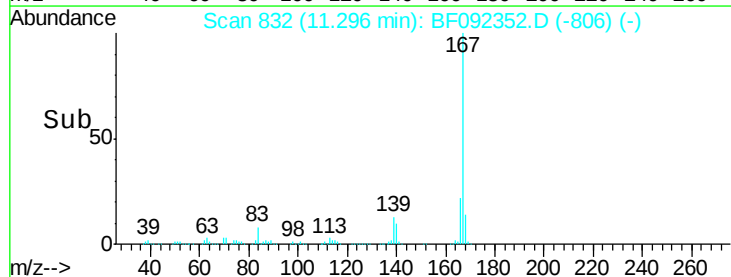
139 13.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

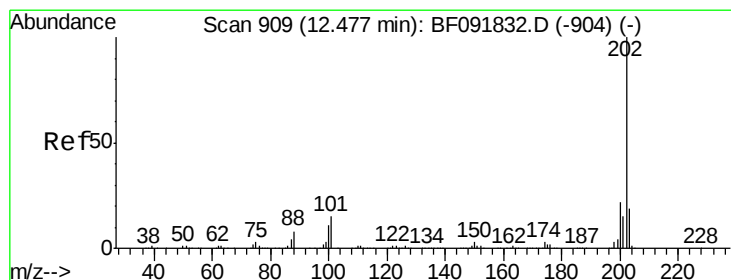
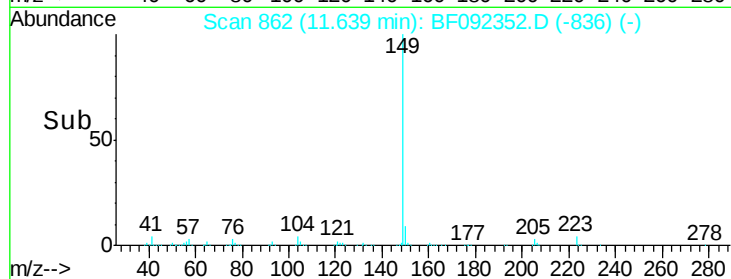
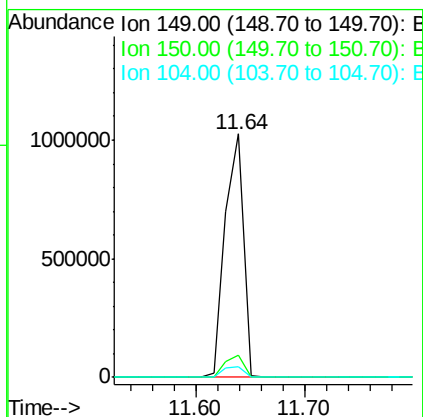
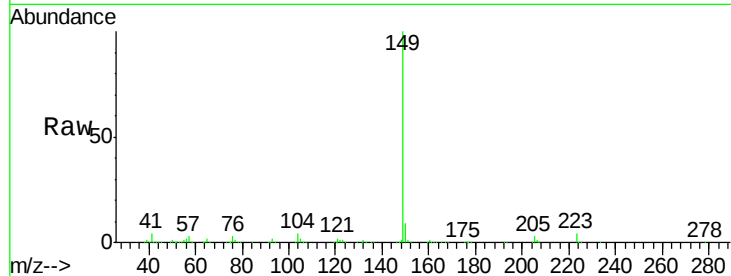




#73
Di-n-butylphthalate
Concen: 52.73 ng
RT: 11.64 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

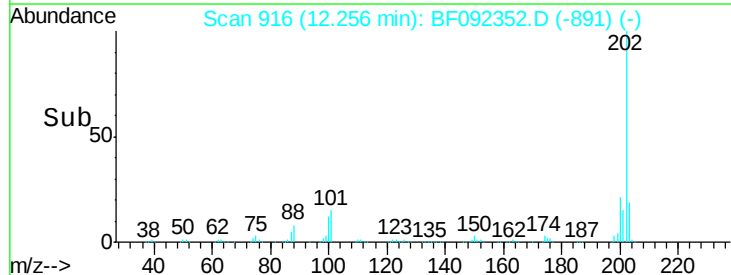
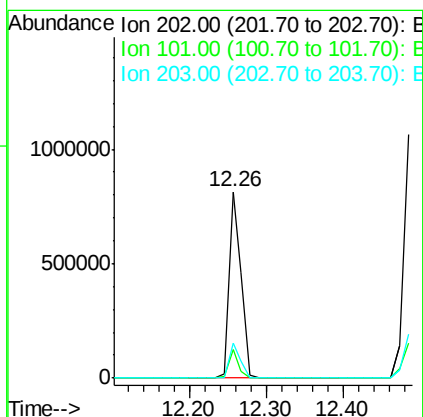
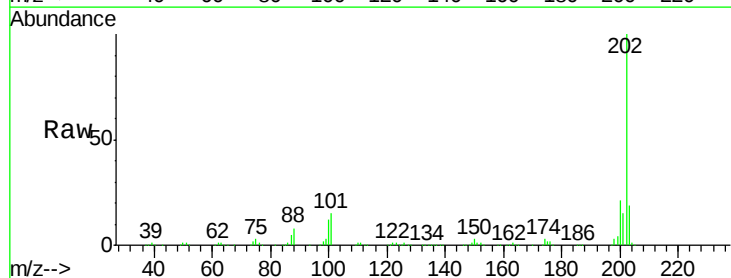
Instrument :
BNA_F
ClientSampleId :
PB96092BS

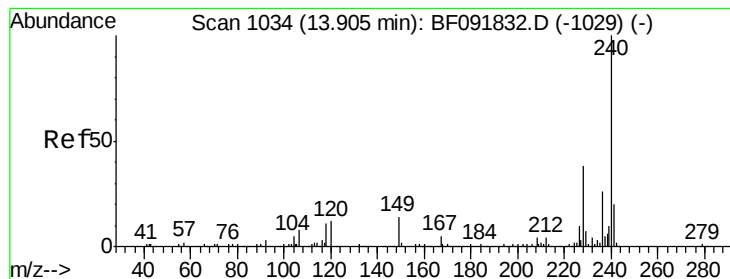
Tgt Ion:149 Resp: 1200066
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 4.2 4.6 7.0#



#74
Fluoranthene
Concen: 42.01 ng
RT: 12.26 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF092352.D
Acq: 18 Jan 2017 15:41

Tgt Ion:202 Resp: 902573
Ion Ratio Lower Upper
202 100
101 15.5 0.0 34.6
203 18.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

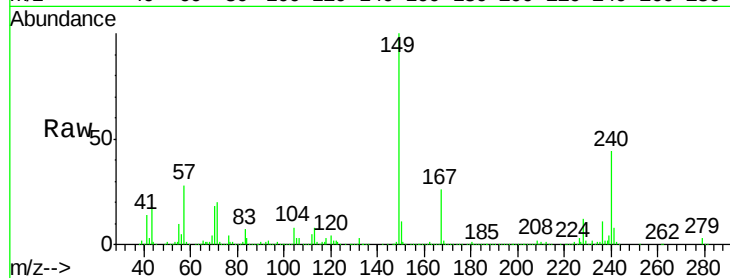
Tgt Ion:240 Resp: 271170

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

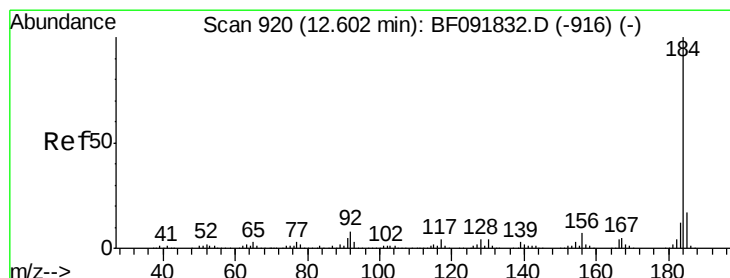
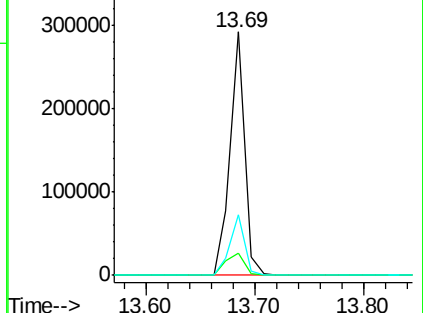
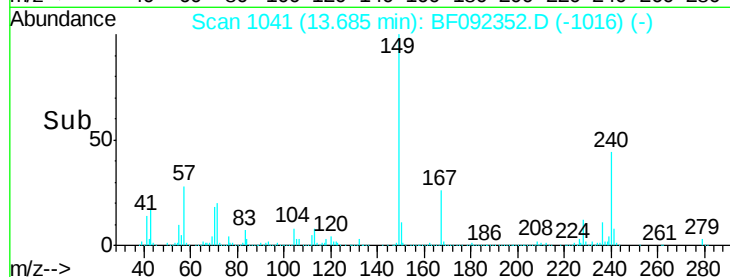
236 24.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 68.85 ng

RT: 12.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

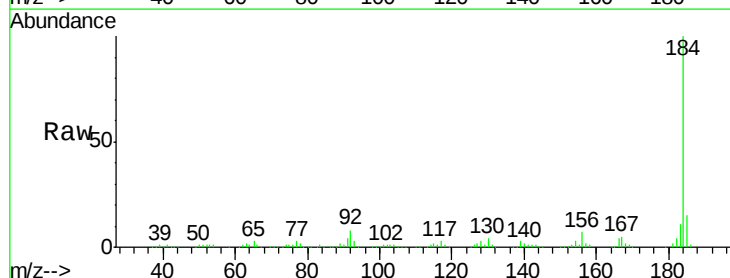
Tgt Ion:184 Resp: 422315

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

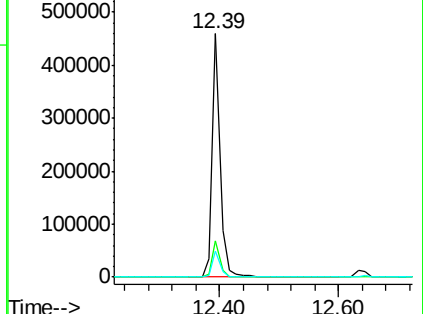
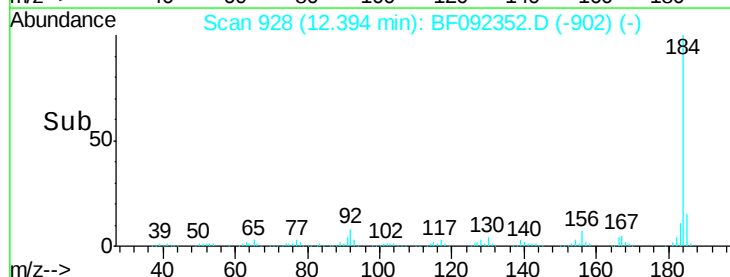
183 10.9 9.2 13.8

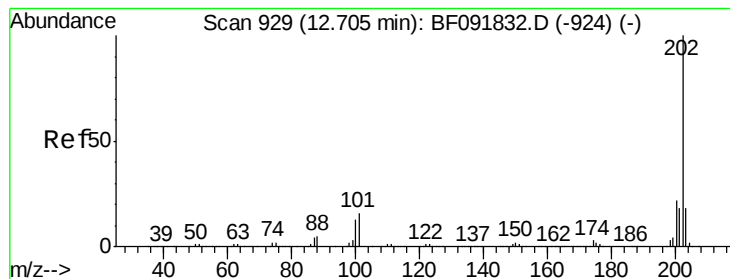


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.24 ng

RT: 12.48 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

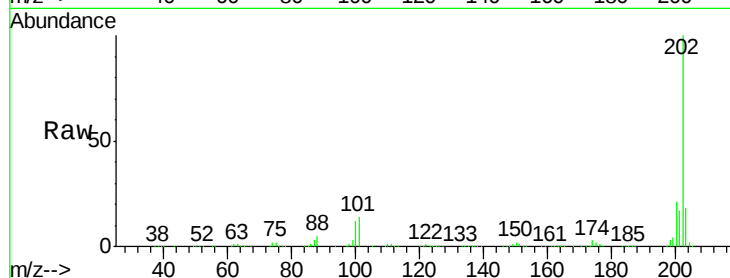
Tgt Ion:202 Resp: 939934

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

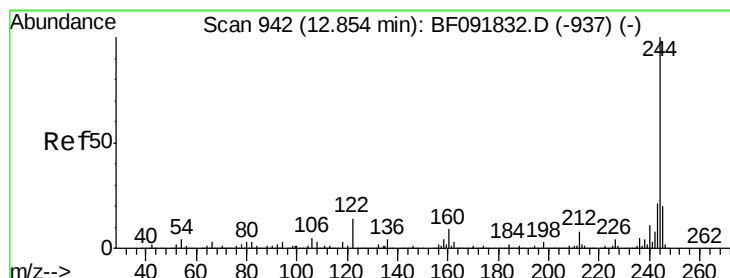
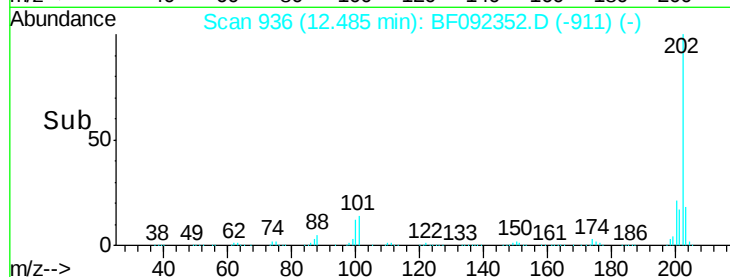
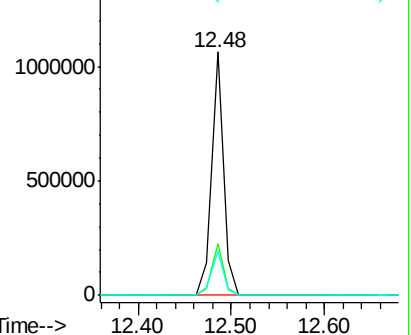
203 18.3 14.7 22.1



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: 112.46 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

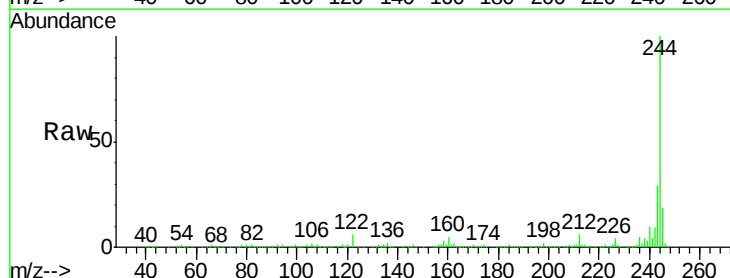
Tgt Ion:244 Resp: 1257447

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2

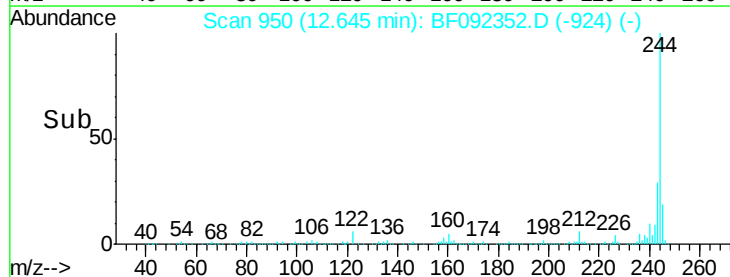
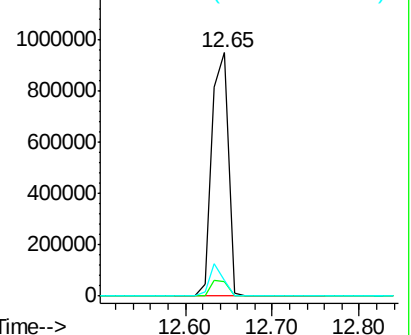
122 6.4 11.4 17.2#

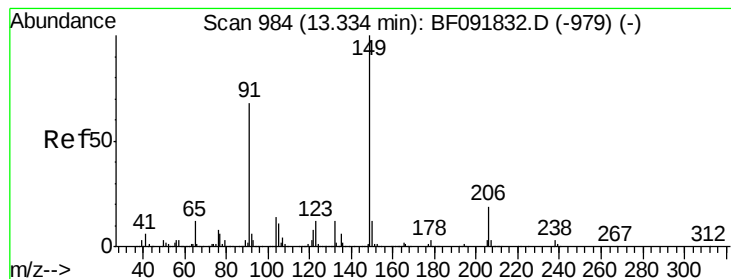


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.00 ng

RT: 13.13 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

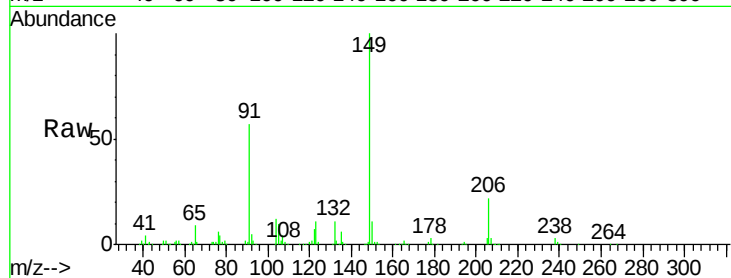
Tgt Ion:149 Resp: 461461

Ion Ratio Lower Upper

149 100

91 57.0 63.9 95.9#

206 22.3 14.6 21.8#

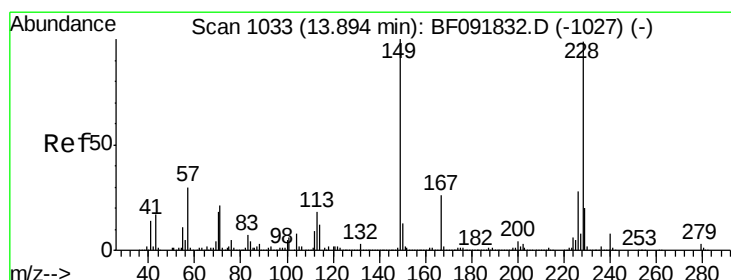
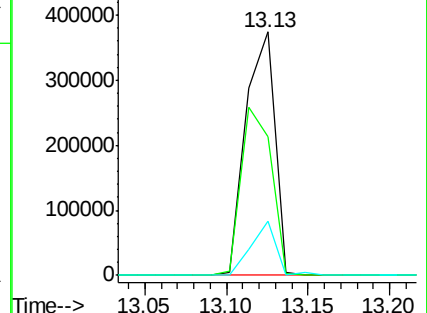
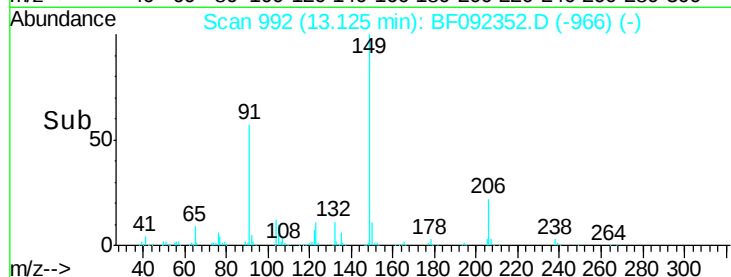


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 47.95 ng

RT: 13.67 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

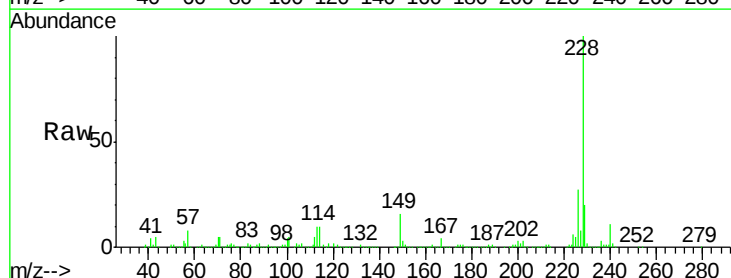
Tgt Ion:228 Resp: 733939

Ion Ratio Lower Upper

228 100

226 27.5 22.4 33.6

229 20.2 16.2 24.4

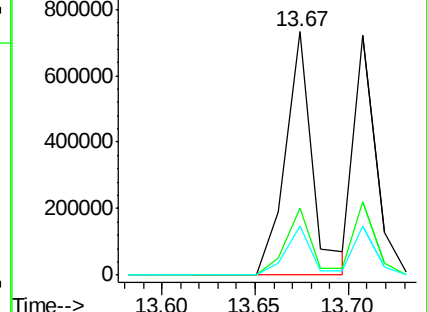
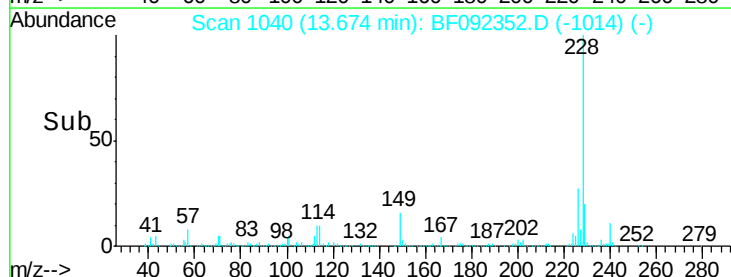


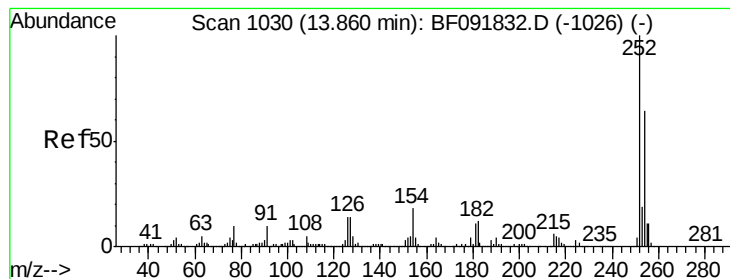
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#81

3,3'-Dichlorobenzidine

Concen: 20.92 ng

RT: 13.64 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

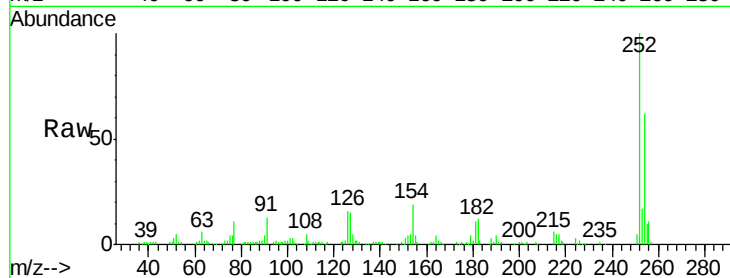
Tgt Ion:252 Resp: 121420

Ion Ratio Lower Upper

252 100

254 62.2 52.3 78.5

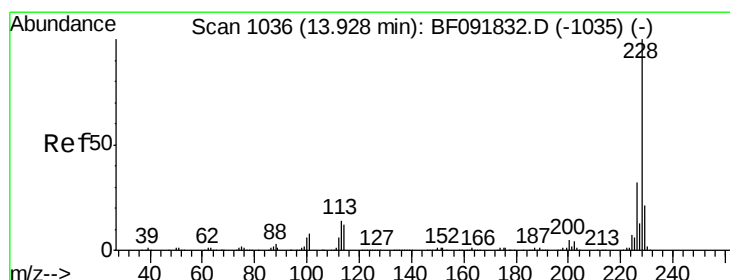
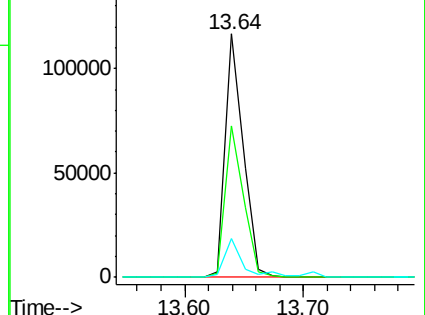
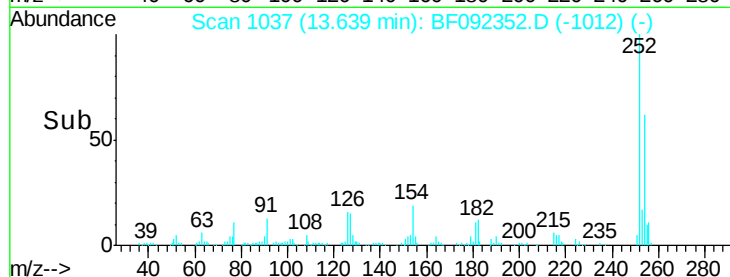
126 15.8 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 38.69 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

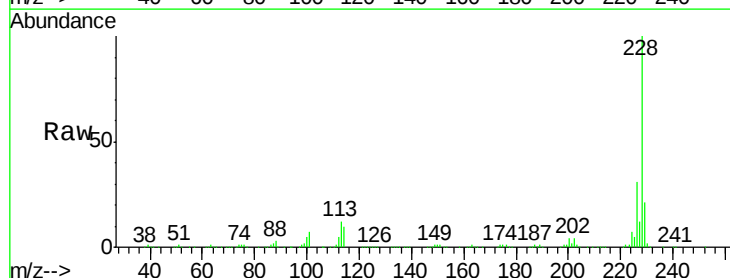
Tgt Ion:228 Resp: 594099

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

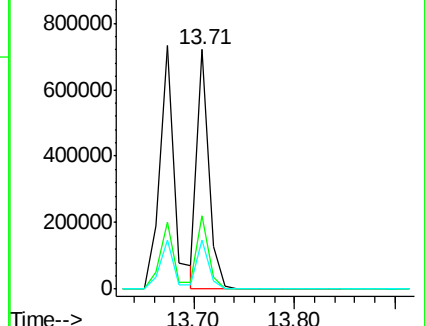
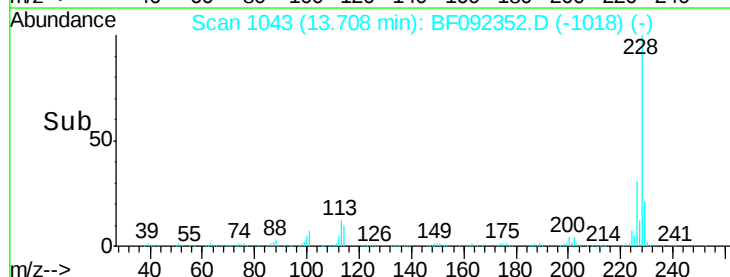
229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.05 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

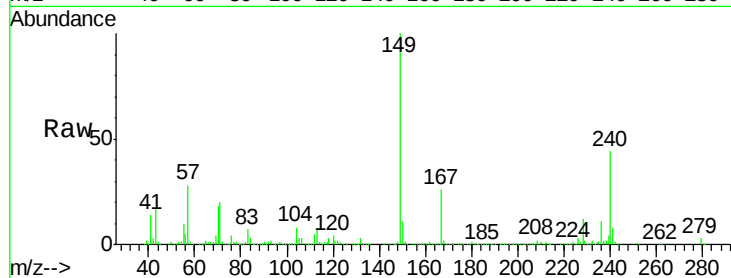
Tgt Ion:149 Resp: 597313

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

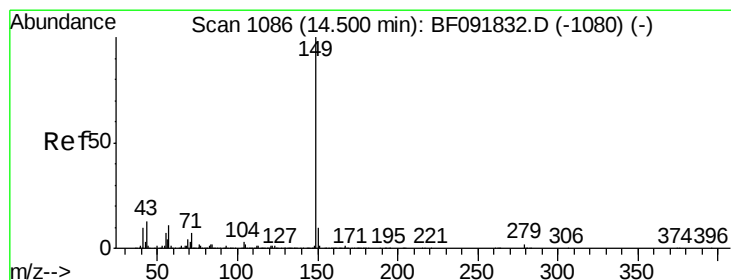
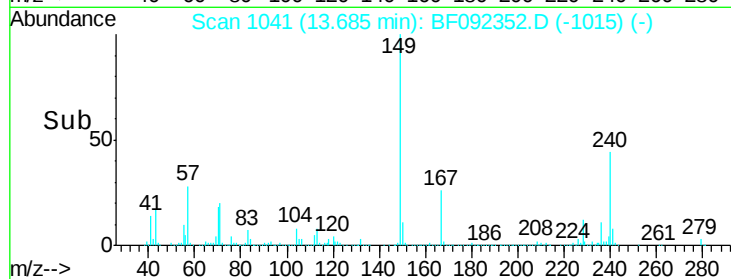
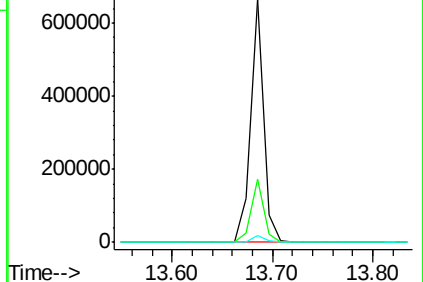
279 2.7 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.45 ng

RT: 14.29 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

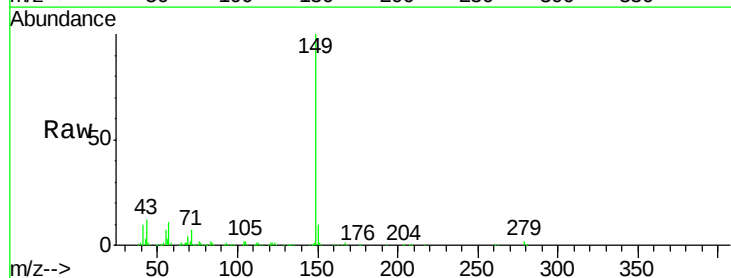
Tgt Ion:149 Resp: 916949

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

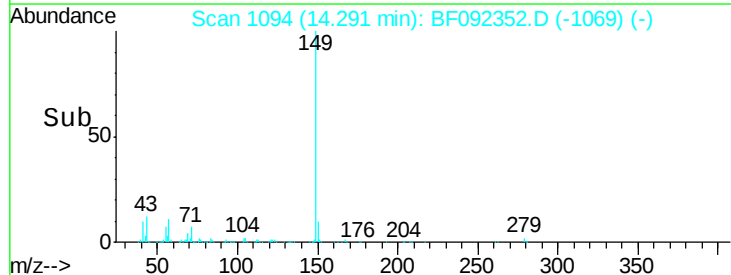
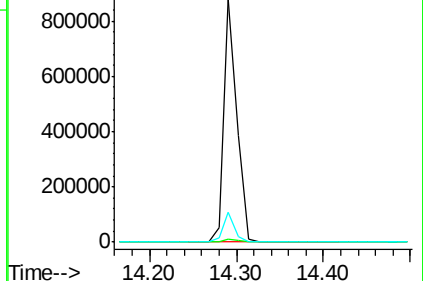
43 10.9 8.9 13.3

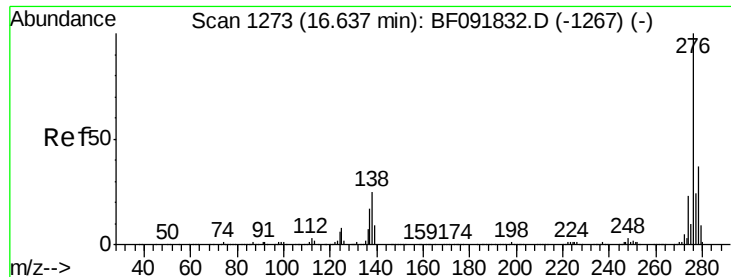


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

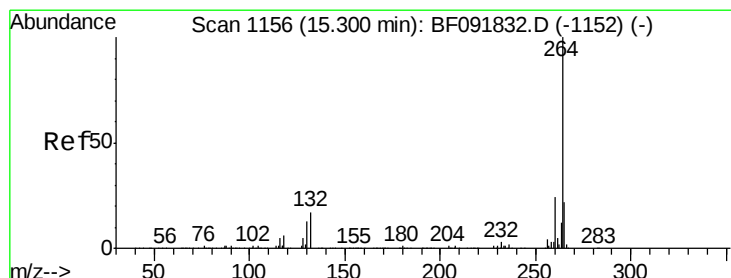
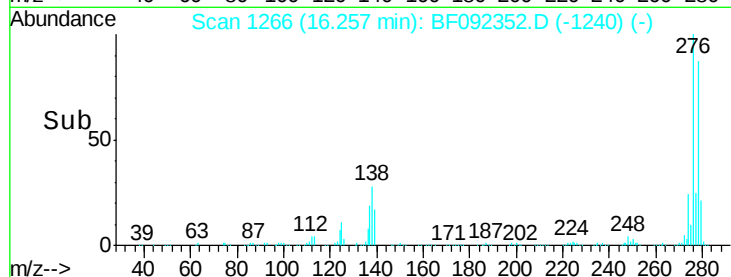
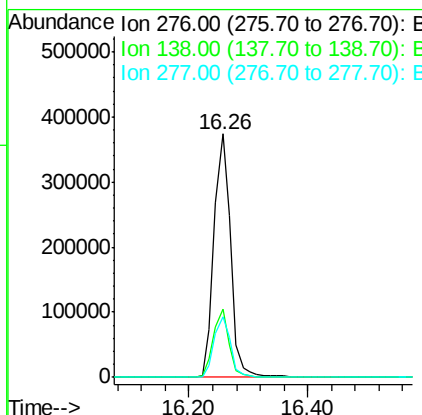
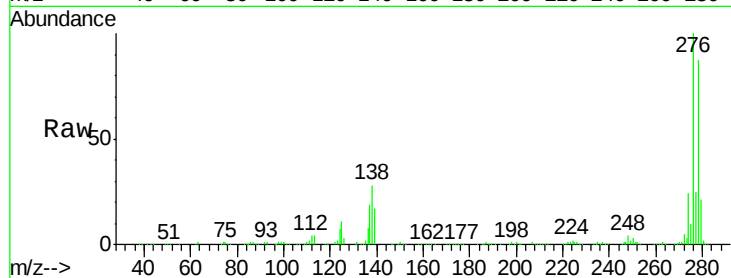




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.66 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

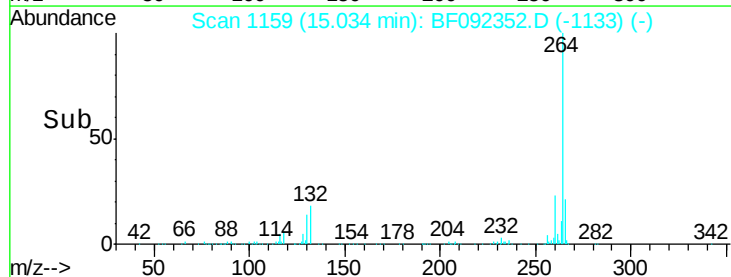
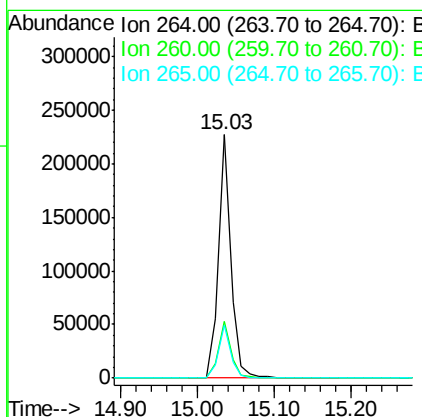
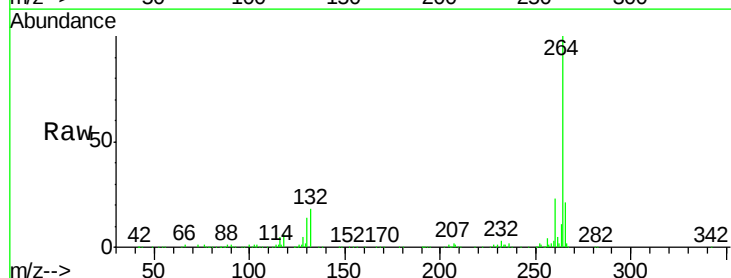
Instrument :
 BNA_F
 ClientSampleId :
 PB96092BS

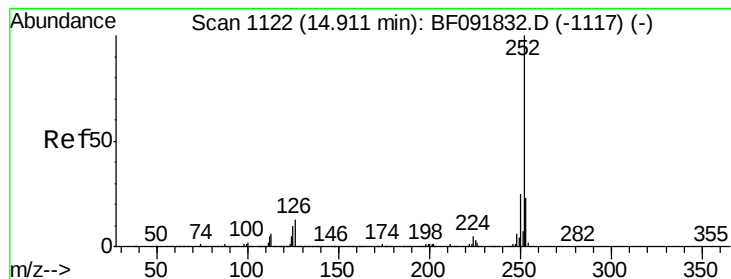
Tgt Ion: 276 Resp: 727038
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF092352.D
 Acq: 18 Jan 2017 15:41

Tgt Ion: 264 Resp: 257171
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 49.49 ng m

RT: 14.68 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

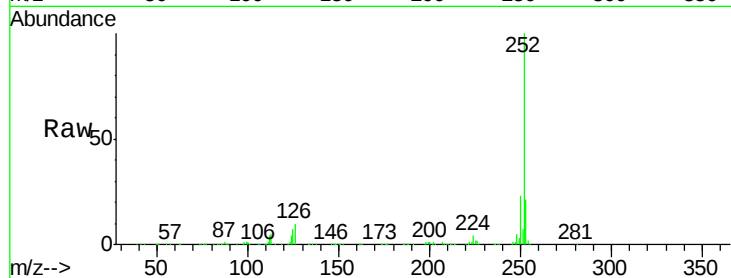
Tgt Ion:252 Resp: 792367

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

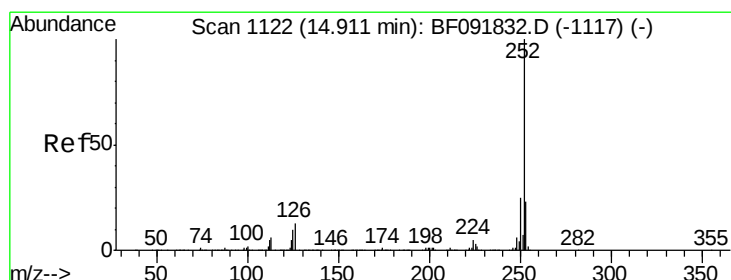
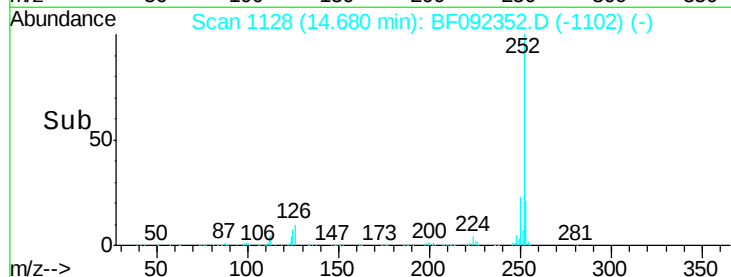
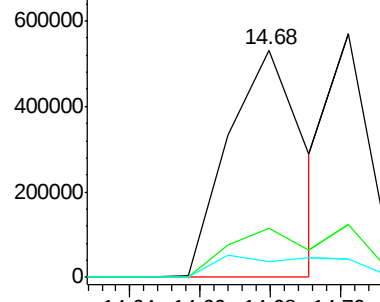
125 7.1 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.10 ng m

RT: 14.70 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

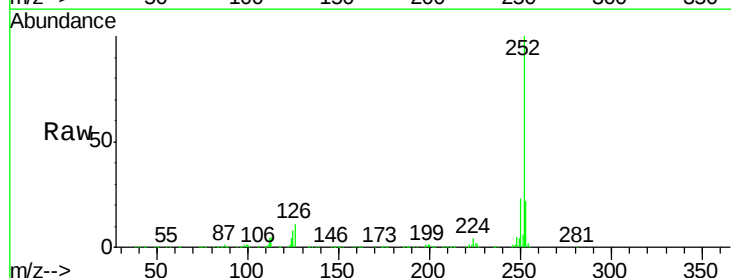
Tgt Ion:252 Resp: 451939

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

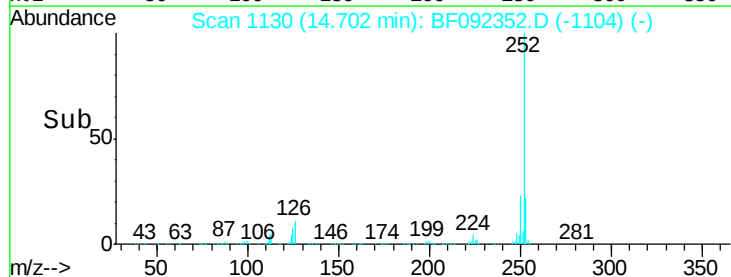
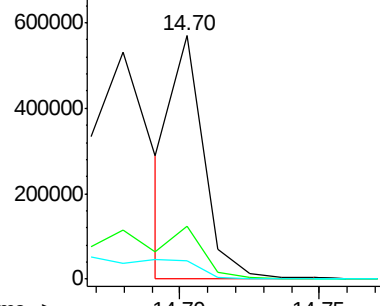
125 7.6 8.9 13.3#

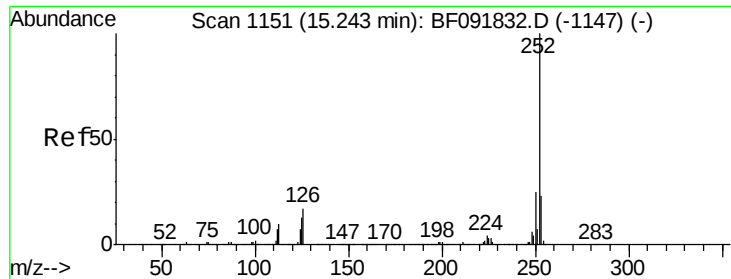


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.17 ng

RT: 14.98 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampled :

PB96092BS

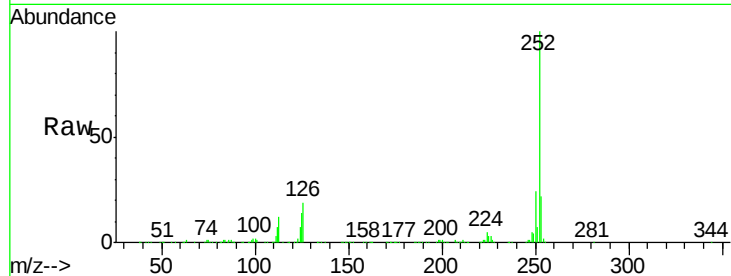
Tgt Ion:252 Resp: 613469

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

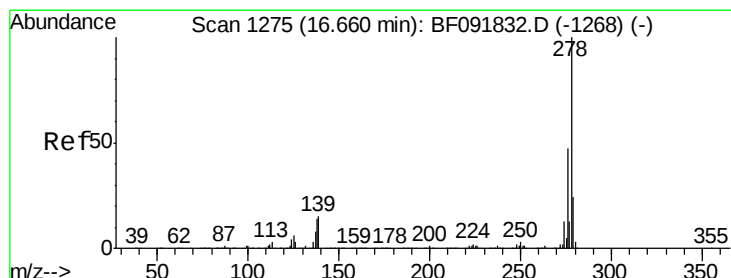
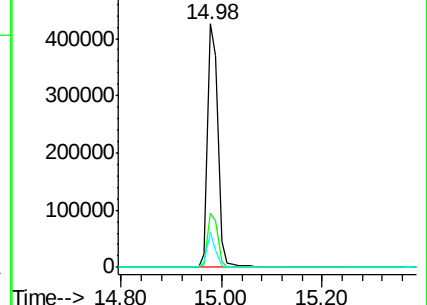
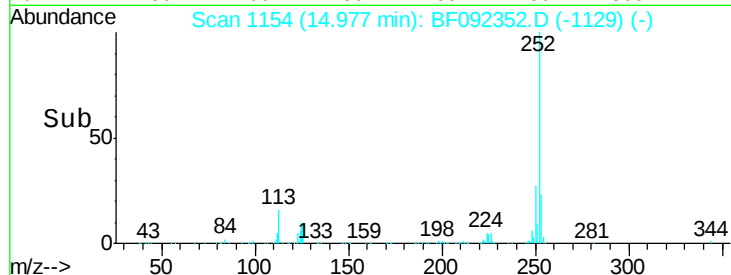
125 14.4 10.0 15.0



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: 51.06 ng

RT: 16.26 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

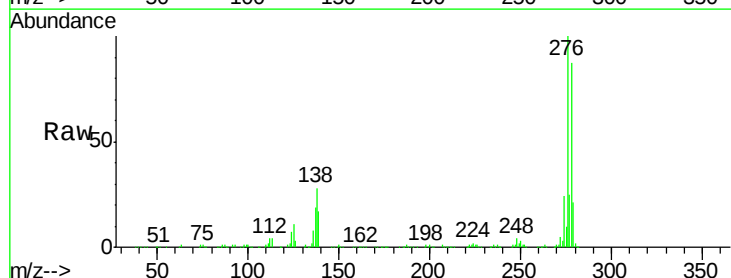
Tgt Ion:278 Resp: 596411

Ion Ratio Lower Upper

278 100

139 20.1 14.8 22.2

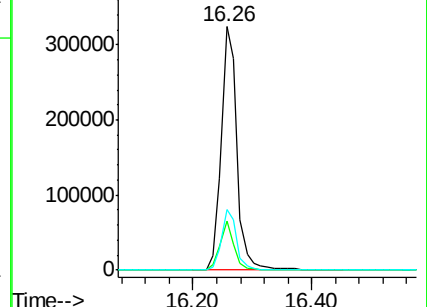
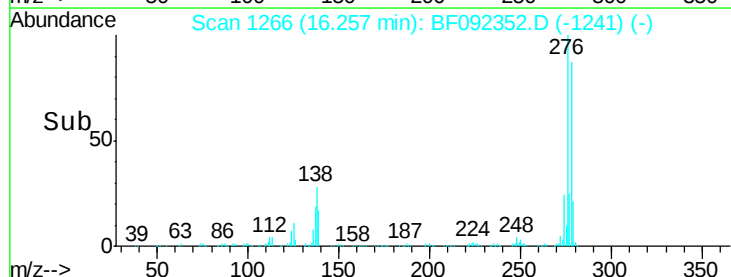
279 24.7 19.8 29.6

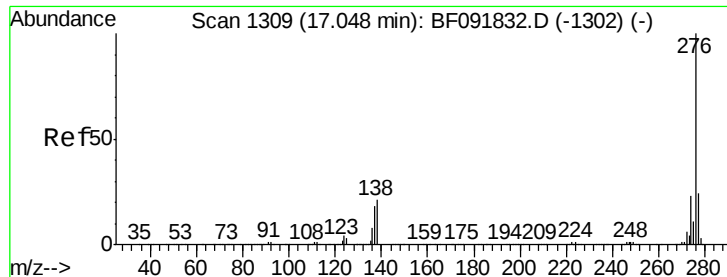


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.13 ng

RT: 16.61 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF092352.D

Acq: 18 Jan 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96092BS

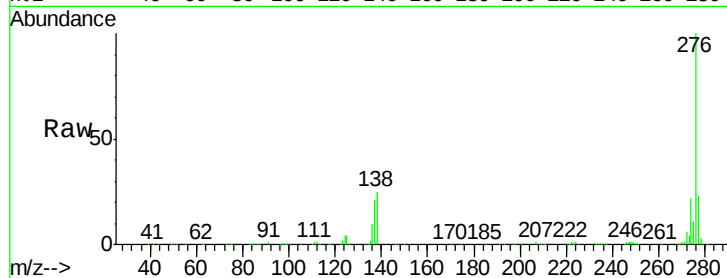
Tgt Ion: 276 Resp: 645361

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 24.5 16.0 24.0#



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

