

Data File : BF093058.D
Acq On : 21 Feb 2017 6:45
Operator : SJ/MA
Sample : PB97045BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Quant Time: Feb 21 07:14:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150411	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	594588	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	286526	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	470857	20.00	ng	0.00
75) Chrysene-d12	14.01	240	281939	20.00	ng	-0.01
86) Perylene-d12	15.44	264	291106	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	796966	90.90	ng	0.00
7) Phenol-d6	6.49	99	953122	84.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	894079	83.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	187527	90.49	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1606793	101.60	ng	0.00
78) Terphenyl-d14	12.96	244	1035358	86.29	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	158806	33.52	ng	88
3) Pyridine	3.20	79	409247	33.97	ng	87
4) n-Nitrosodimethylamine	3.15	42	248612	43.95	ng	85
6) Aniline	6.51	93	368661	23.96	ng	# 52
8) 2-Chlorophenol	6.64	128	436913	45.17	ng	89
9) Benzaldehyde	6.38	77	65849	8.15	ng	# 78
10) Phenol	6.50	94	526265	39.87	ng	85
11) bis(2-Chloroethyl)ether	6.58	93	437182	41.50	ng	91
12) 1,3-Dichlorobenzene	6.86	146	499155	44.06	ng	96
13) 1,4-Dichlorobenzene	6.86	146	499155	43.53	ng	95
14) 1,2-Dichlorobenzene	7.01	146	436829	39.84	ng	96
15) Benzyl Alcohol	6.99	79	355338	42.55	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	752515	41.12	ng	96
17) 2-Methylphenol	7.12	107	379294	45.71	ng	98
18) Hexachloroethane	7.36	117	162540	41.53	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	299242	41.67	ng	95
20) 3+4-Methylphenols	7.26	107	442534	44.61	ng	# 74
22) Acetophenone	7.26	105	570247	42.01	ng	# 94
24) Nitrobenzene	7.44	77	469901	42.86	ng	98
25) Isophorone	7.68	82	881106	44.28	ng	96
26) 2-Nitrophenol	7.76	139	261849	50.24	ng	90
27) 2,4-Dimethylphenol	7.80	122	419584	45.84	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	589398	44.73	ng	100
29) 2,4-Dichlorophenol	8.00	162	363781	42.62	ng	88
30) 1,2,4-Trichlorobenzene	8.08	180	379860	41.29	ng	94
31) Naphthalene	8.16	128	1171447	38.87	ng	99
32) Benzoic acid	7.94	122	227037	44.41	ng	94
33) 4-Chloroaniline	8.21	127	147640	12.49	ng	96
34) Hexachlorobutadiene	8.27	225	192778	38.09	ng	99
35) Caprolactam	8.58	113	122496	45.62	ng	# 29
36) 4-Chloro-3-methylphenol	8.70	107	397187	44.63	ng	97
37) 2-Methylnaphthalene	8.85	142	847967	43.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	341169	42.42	ng	99
40) Hexachlorocyclopentadiene	9.00	237	251349	69.27	ng	97

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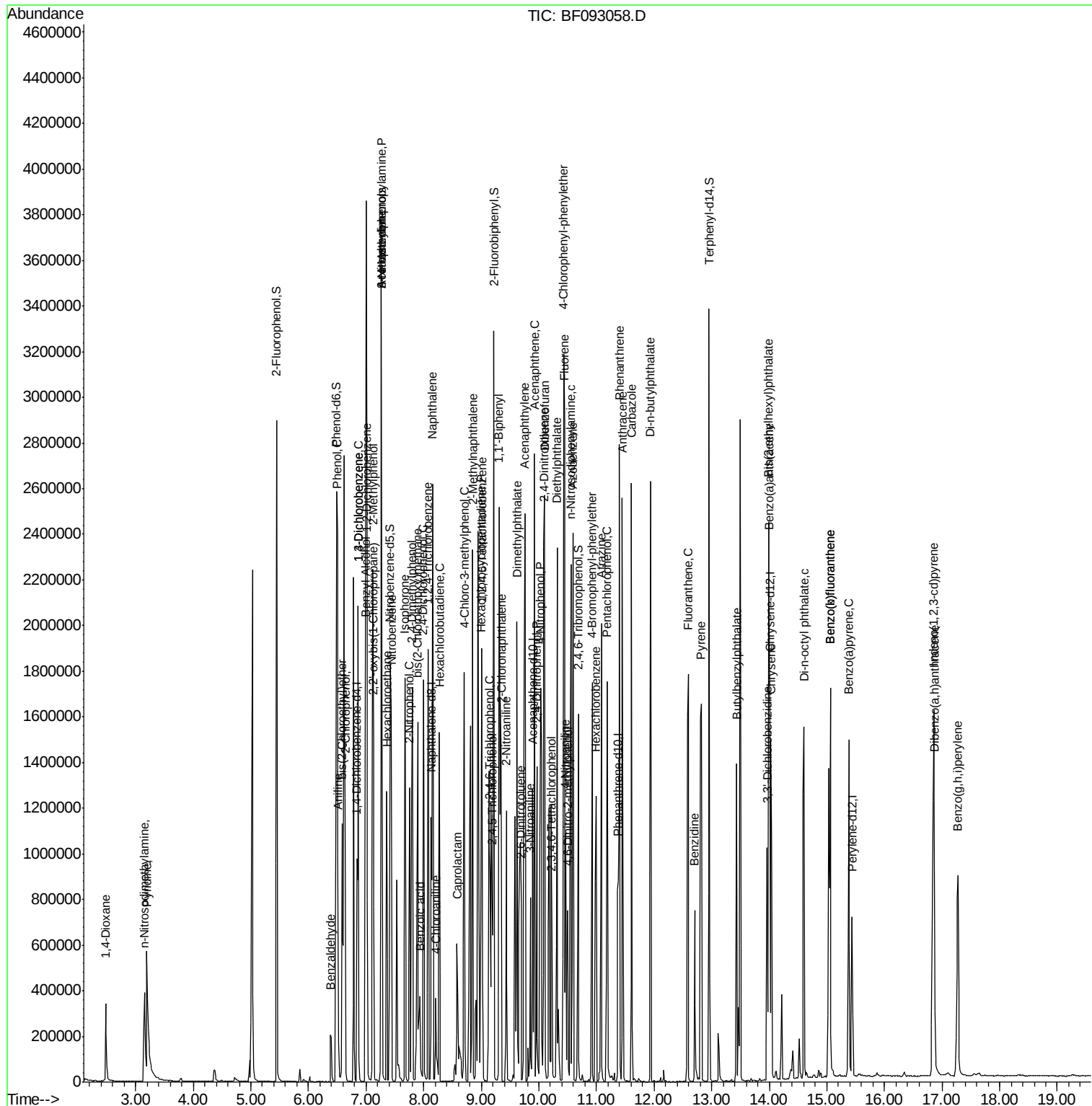
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	252387	47.76	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	256562	44.31	ng #	82
45) 1,1'-Biphenyl	9.31	154	919272	44.31	ng	96
46) 2-Chloronaphthalene	9.34	162	772590	47.60	ng	96
47) 2-Nitroaniline	9.44	65	231983	42.51	ng	95
48) Acenaphthylene	9.76	152	1261658	45.00	ng	98
49) Dimethylphthalate	9.62	163	921013	47.72	ng	99
50) 2,6-Dinitrotoluene	9.69	165	206021	49.43	ng #	77
51) Acenaphthene	9.93	154	739506	44.11	ng	96
52) 3-Nitroaniline	9.85	138	110939	23.26	ng	98
53) 2,4-Dinitrophenol	9.96	184	170112	80.22	ng #	73
54) Dibenzofuran	10.10	168	1085190	48.40	ng	94
55) 4-Nitrophenol	10.03	139	317196	92.33	ng #	75
56) 2,4-Dinitrotoluene	10.09	165	255816	46.10	ng	96
57) Fluorene	10.44	166	830804	48.16	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	182857	47.34	ng	98
59) Diethylphthalate	10.32	149	874237	48.07	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	358326	43.24	ng	89
61) 4-Nitroaniline	10.46	138	190346	38.96	ng	92
62) Azobenzene	10.59	77	951858	50.66	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	133716	46.73	ng	94
65) n-Nitrosodiphenylamine	10.56	169	749300	49.82	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	228749	46.50	ng	90
67) Hexachlorobenzene	10.99	284	217944	44.83	ng	94
68) Atrazine	11.08	200	225567	46.73	ng	98
69) Pentachlorophenol	11.18	266	208309	82.74	ng	97
70) Phenanthrene	11.40	178	1172803	43.48	ng	98
71) Anthracene	11.45	178	1105521	40.81	ng	99
72) Carbazole	11.61	167	982282	37.93	ng	99
73) Di-n-butylphthalate	11.94	149	1420603	50.73	ng #	96
74) Fluoranthene	12.59	202	1055966	37.95	ng	92
76) Benzidine	12.71	184	331165	27.56	ng	98
77) Pyrene	12.82	202	1008284	47.79	ng	98
79) Butylbenzylphthalate	13.44	149	496246	57.92	ng #	76
80) Benzo(a)anthracene	14.00	228	717952	41.64	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	204064	33.20	ng #	97
82) Chrysene	14.03	228	691793	42.85	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	612066	52.23	ng	100
84) Di-n-octyl phthalate	14.60	149	1006097	52.73	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	851400	68.08	ng #	94
87) Benzo(b)fluoranthene	15.06	252	1435907	74.94	ng	98
88) Benzo(k)fluoranthene	15.06	252	1435907	86.80	ng	99
89) Benzo(a)pyrene	15.38	252	721967	43.56	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	710076	53.01	ng	98
91) Benzo(g,h,i)perylene	17.28	276	729464	53.91	ng #	92

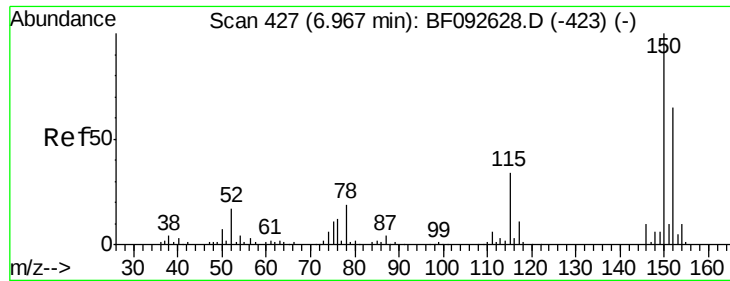
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 28 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

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ClientSampleId :

PB97045BSD

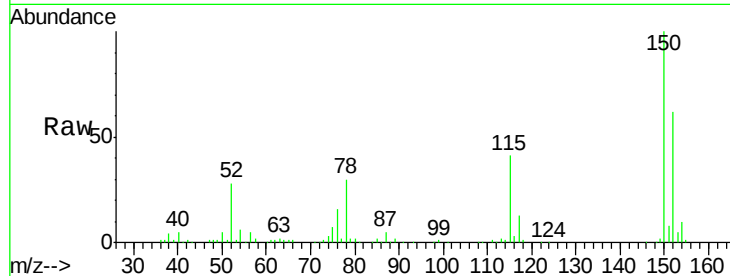
Tgt Ion:152 Resp: 150411

Ion Ratio Lower Upper

152 100

150 160.8 124.9 187.3

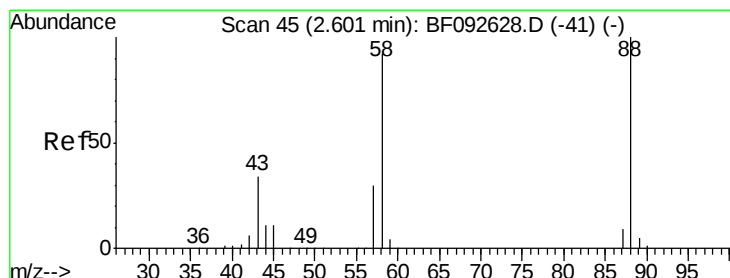
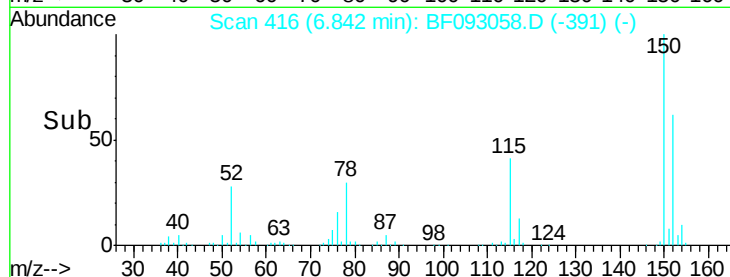
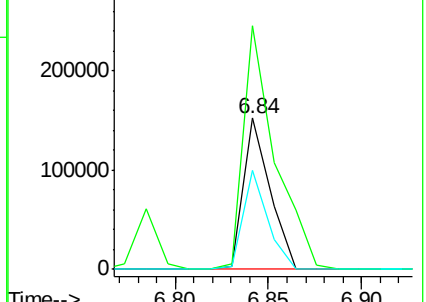
115 65.3 46.0 69.0



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: 33.52 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.05 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

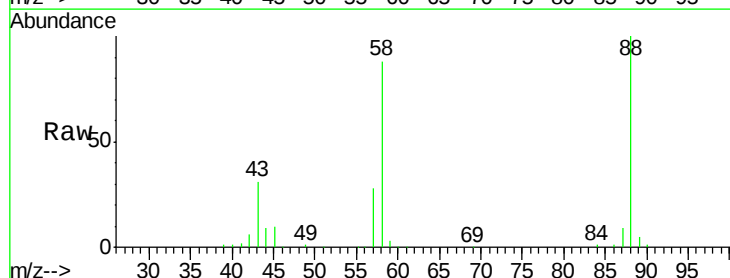
Tgt Ion: 88 Resp: 158806

Ion Ratio Lower Upper

88 100

58 84.5 57.8 86.8

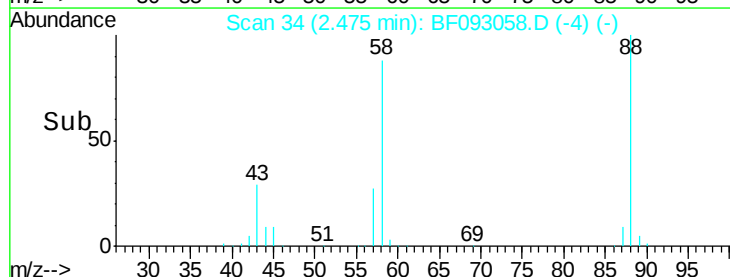
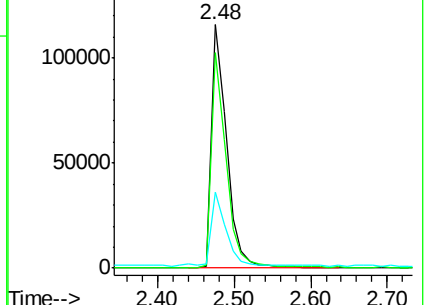
43 31.3 22.3 33.5



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: 33.97 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

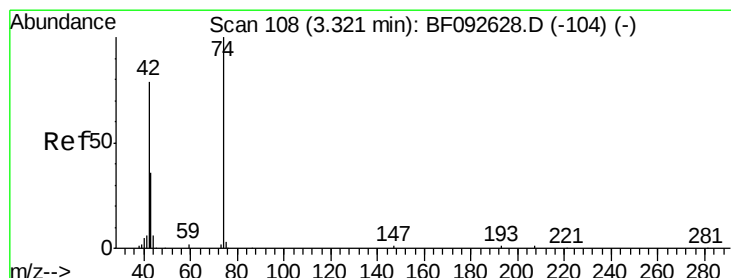
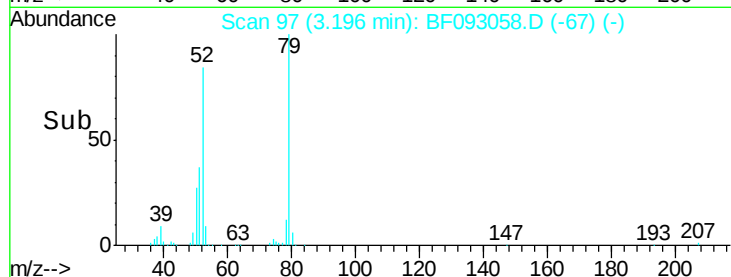
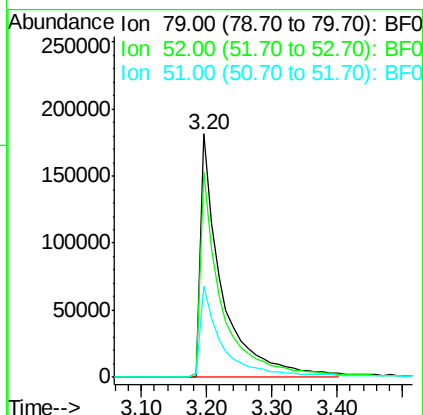
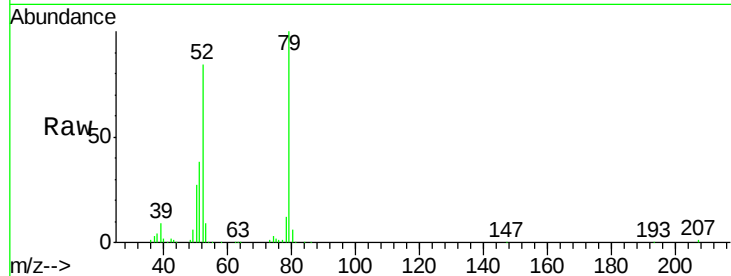
Tgt Ion: 79 Resp: 409247

Ion Ratio Lower Upper

79 100

52 84.4 57.1 85.7

51 37.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.95 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

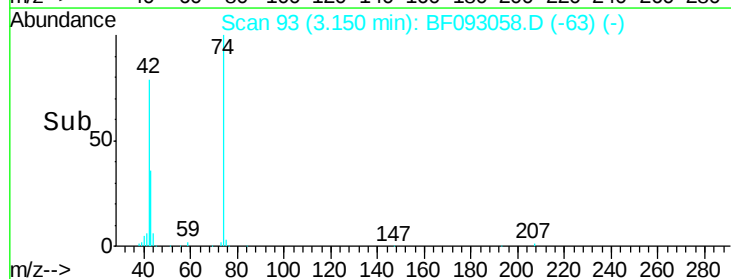
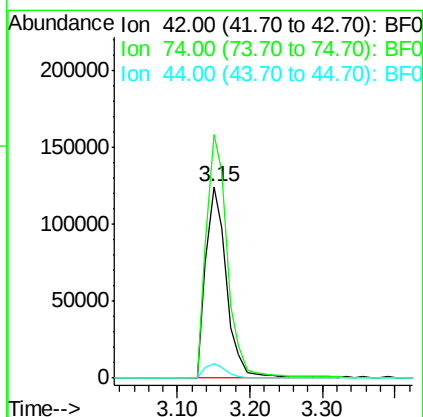
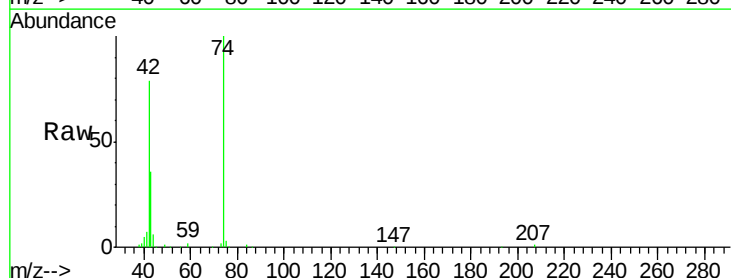
Tgt Ion: 42 Resp: 248612

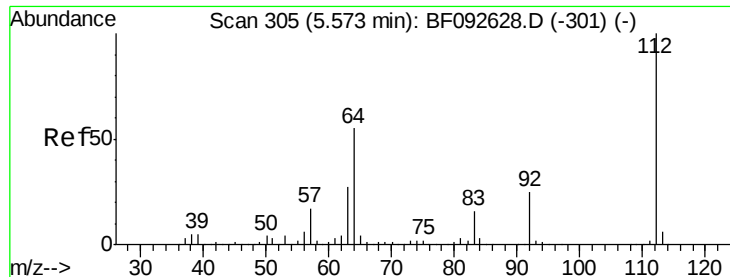
Ion Ratio Lower Upper

42 100

74 127.3 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 90.90 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

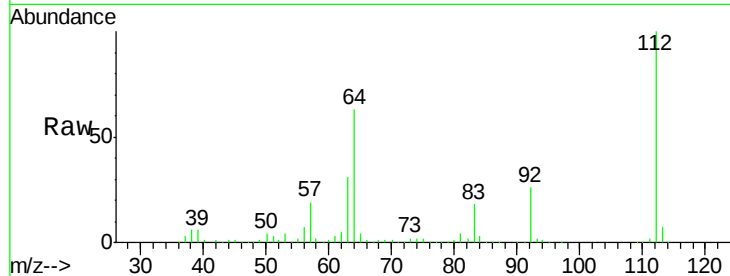
Instrument :

BNA_F

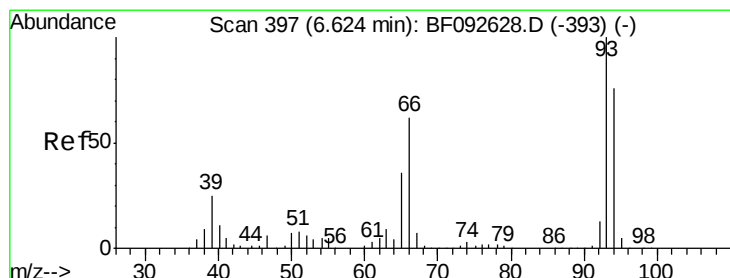
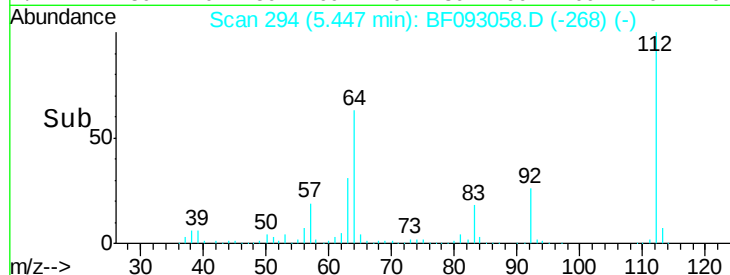
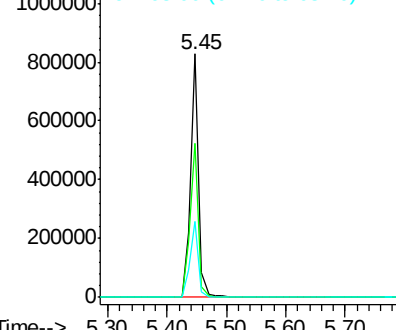
ClientSampleId :

PB97045BSD

Tgt Ion:	112	Resp:	796966
Ion Ratio	Lower	Upper	
112	100		
64	63.1	46.1	69.1
63	31.0	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): BF092628.D (-301) (-)



#6

Aniline

Concen: 23.96 ng

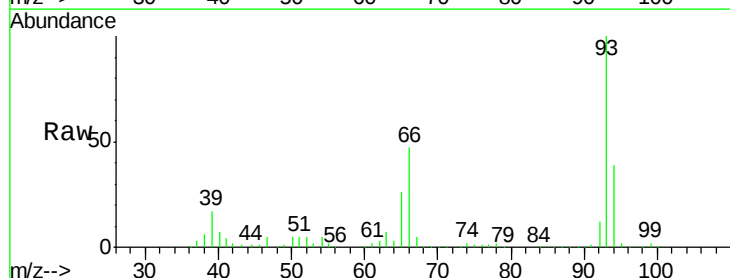
RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

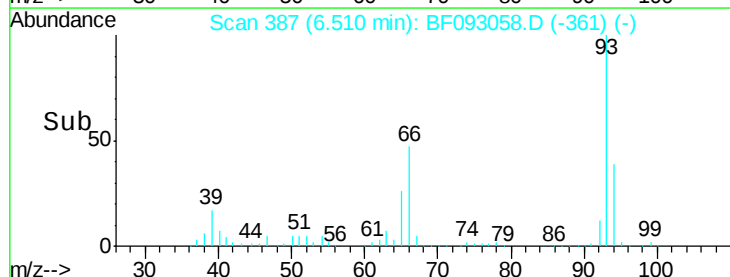
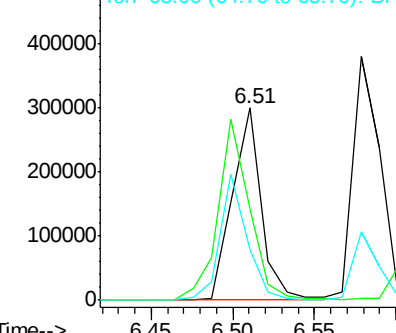
Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Tgt Ion:	93	Resp:	368661
Ion Ratio	Lower	Upper	
93	100		
66	47.5	76.2	114.2#
65	25.9	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF092628.D (-393) (-)





#7

Phenol-d6

Concen: 84.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

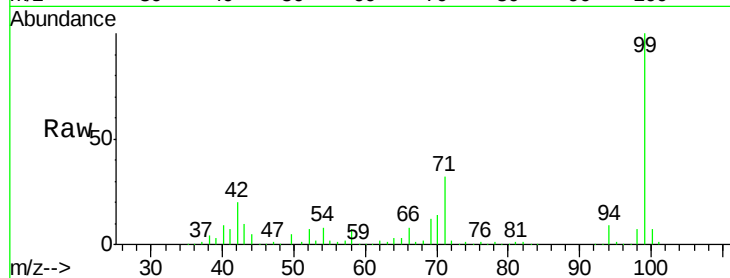
Tgt Ion: 99 Resp: 953122

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

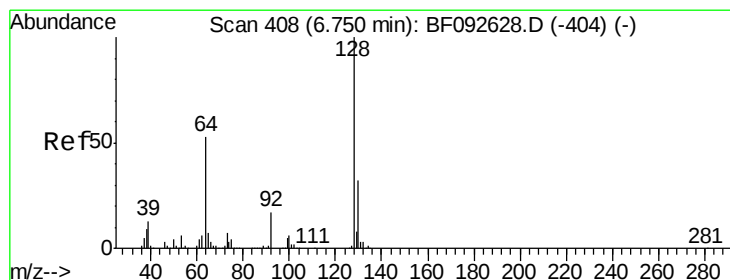
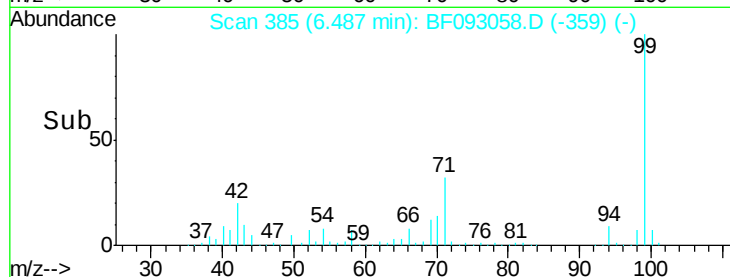
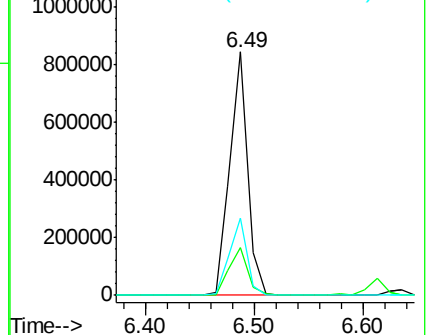
71 31.9 27.5 41.3



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: 45.17 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

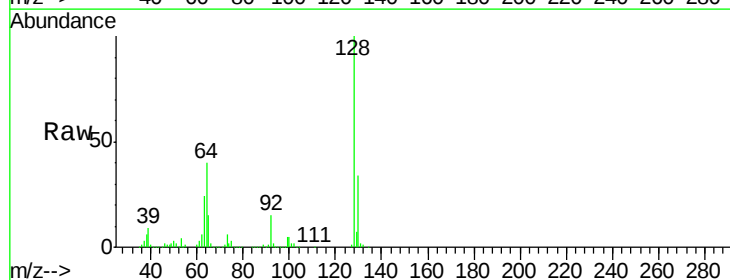
Tgt Ion: 128 Resp: 436913

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

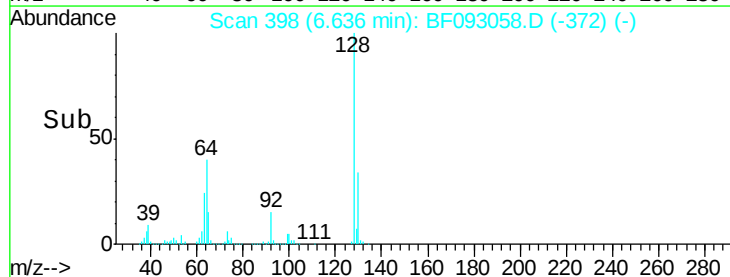
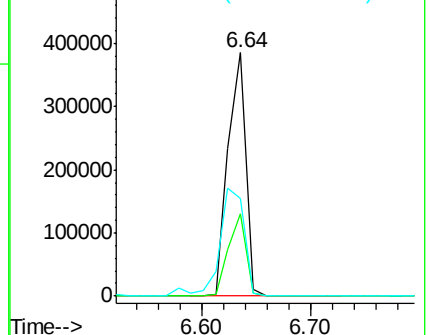
64 40.3 32.2 72.2

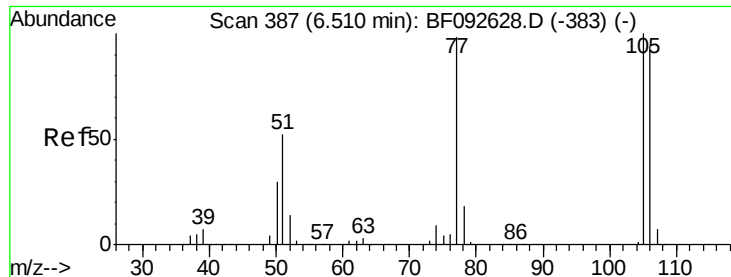


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.15 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093058.D

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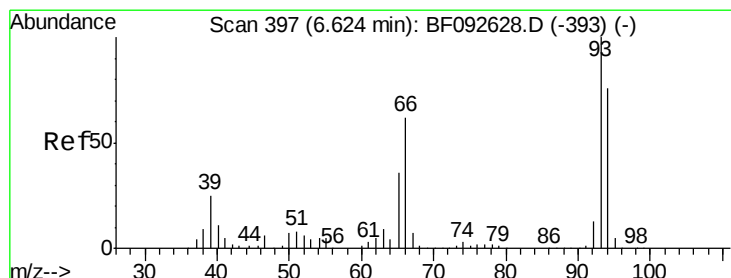
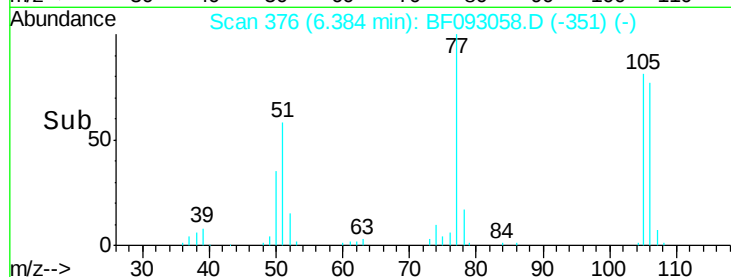
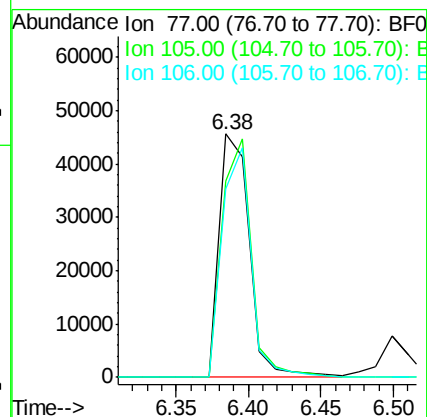
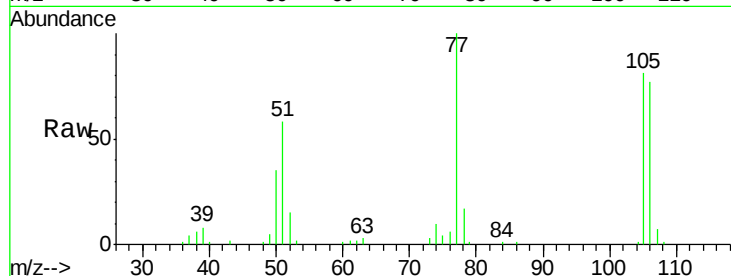
Tgt Ion: 77 Resp: 65849

Ion Ratio Lower Upper

77 100

105 80.6 83.9 123.9#

106 77.4 77.6 117.6#



#10

Phenol

Concen: 39.87 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

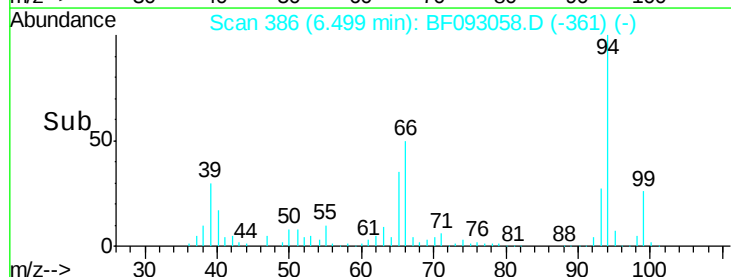
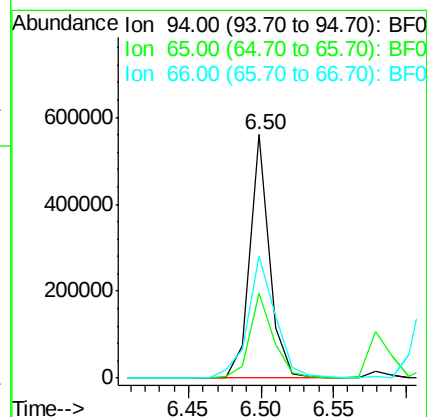
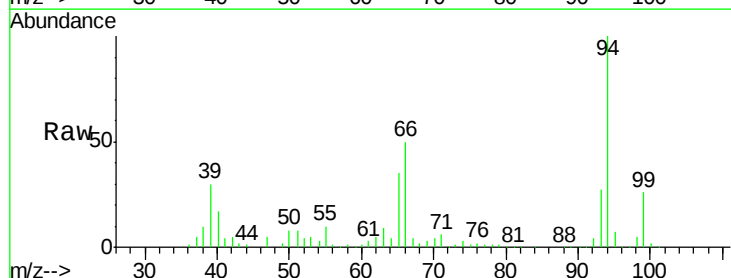
Tgt Ion: 94 Resp: 526265

Ion Ratio Lower Upper

94 100

65 35.1 21.4 61.4

66 50.3 44.0 84.0

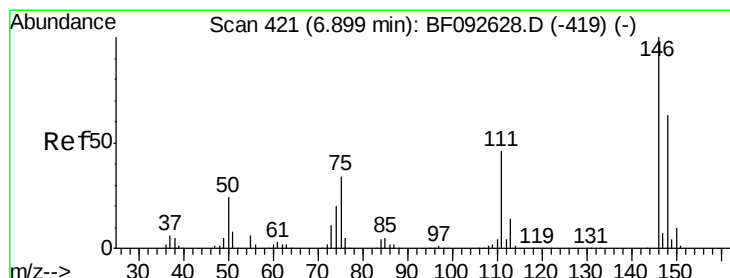
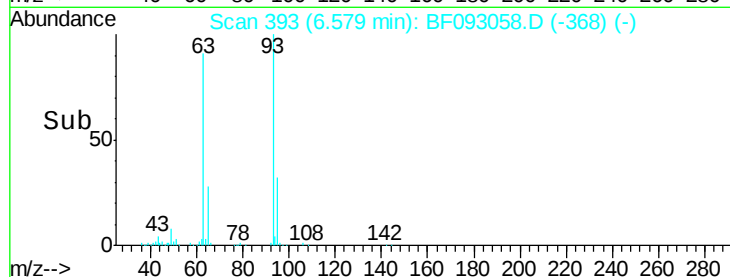
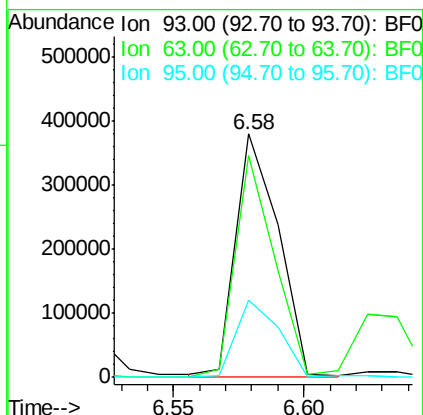
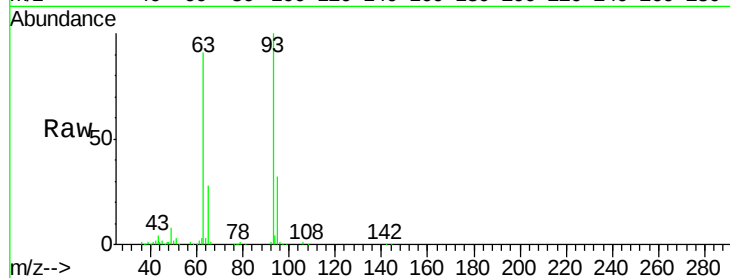




#11
bis(2-Chloroethyl)ether
Concen: 41.50 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

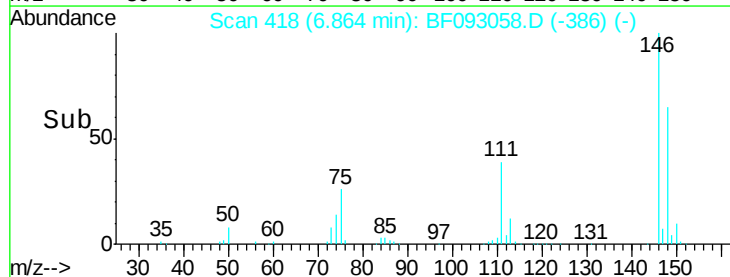
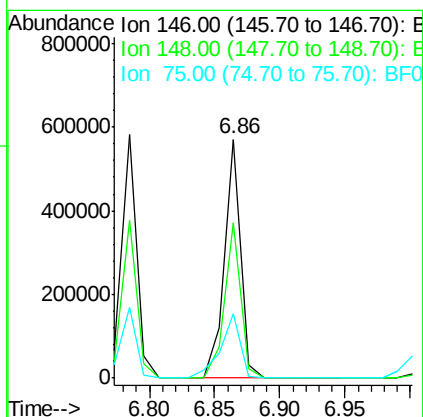
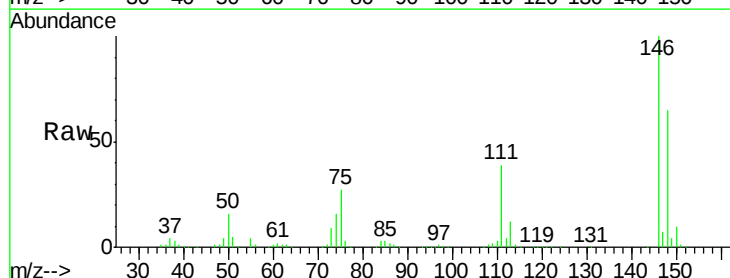
Instrument :
BNA_F
ClientSampleId :
PB97045BSD

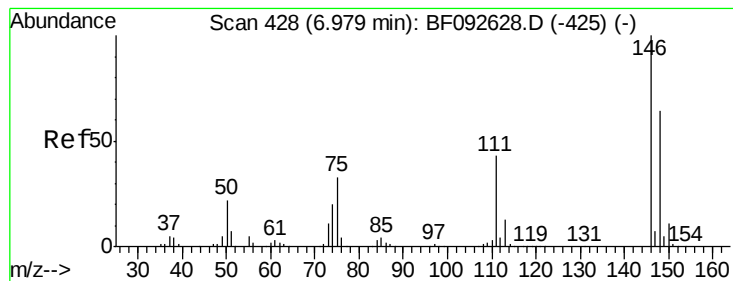
Tgt Ion: 93 Resp: 437182
Ion Ratio Lower Upper
93 100
63 90.9 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.06 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion: 146 Resp: 499155
Ion Ratio Lower Upper
146 100
148 65.2 53.4 80.0
75 27.2 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.53 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

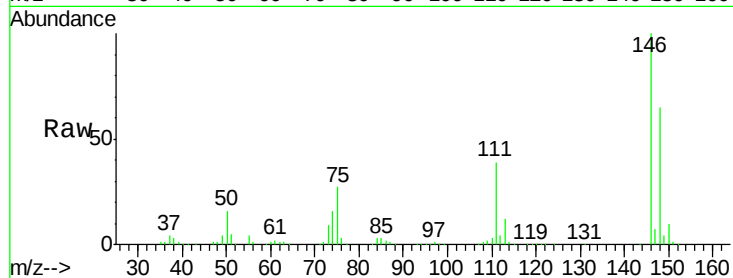
Tgt Ion:146 Resp: 499155

Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

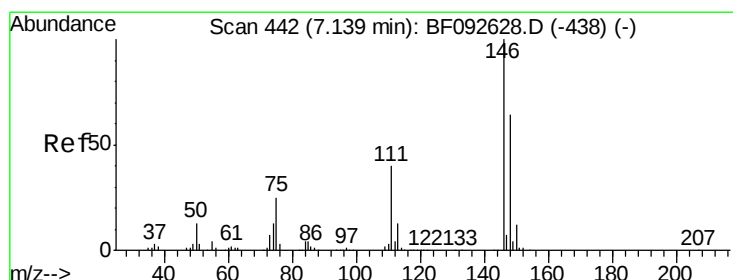
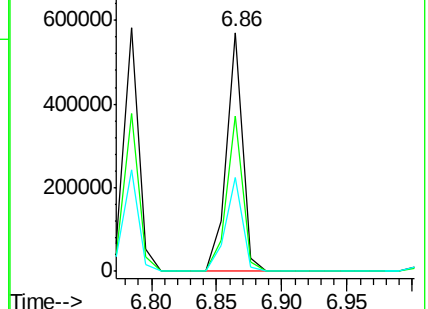
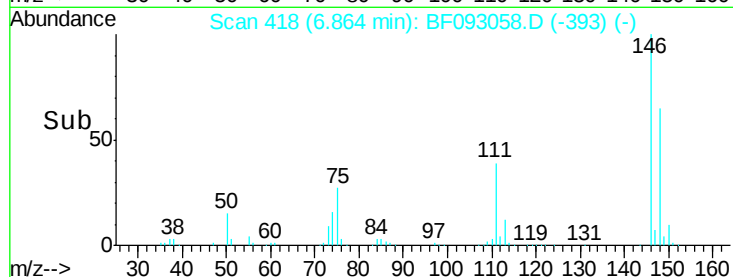
111 39.1 36.2 54.4



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: 39.84 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

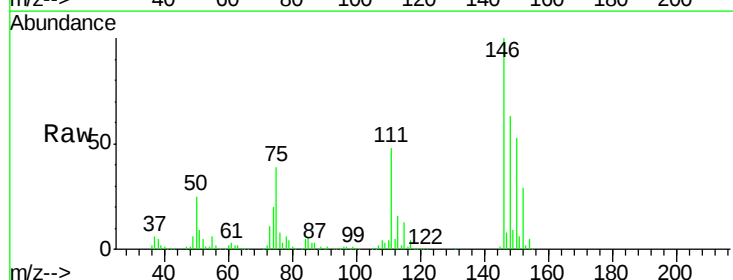
Tgt Ion:146 Resp: 436829

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

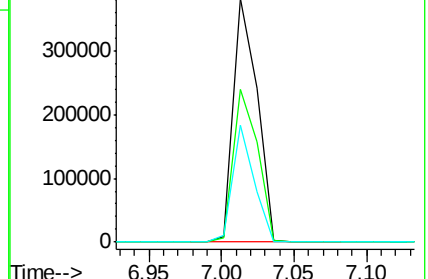
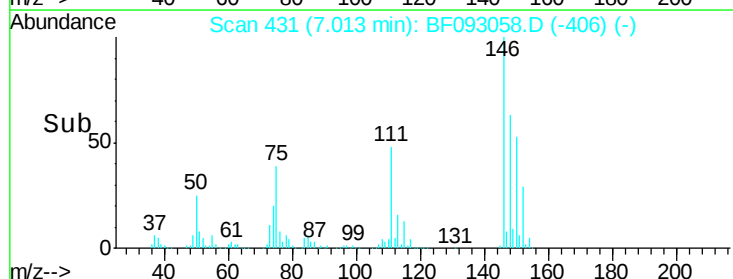
111 48.1 36.2 54.2

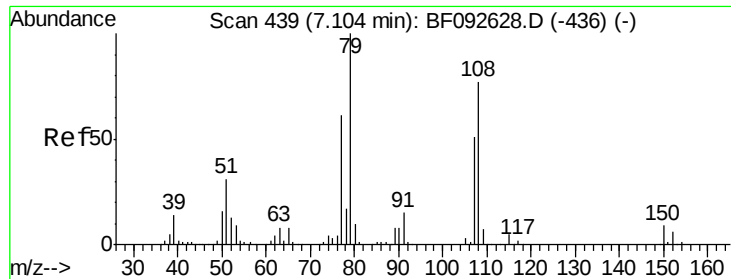


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

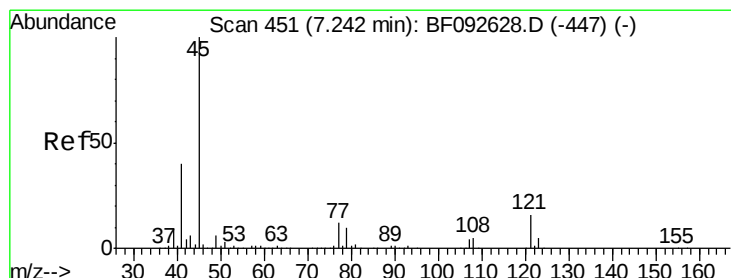
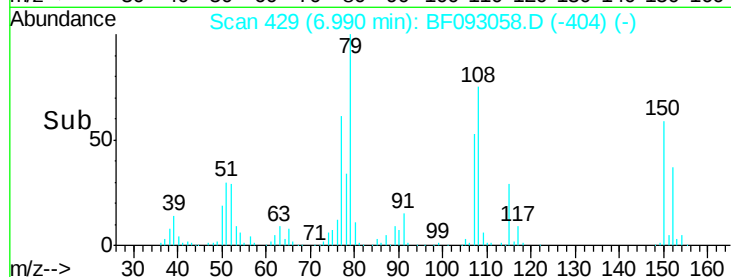
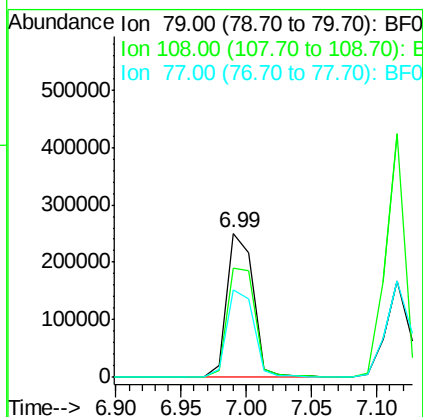
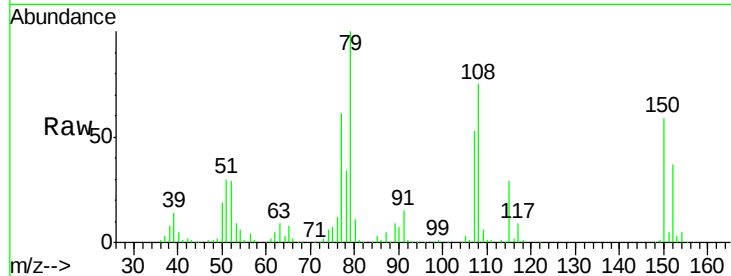




#15
Benzyl Alcohol
Concen: 42.55 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

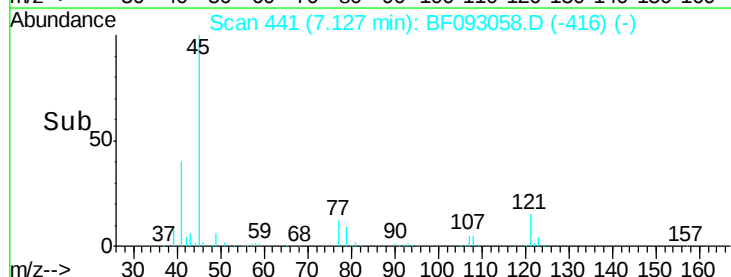
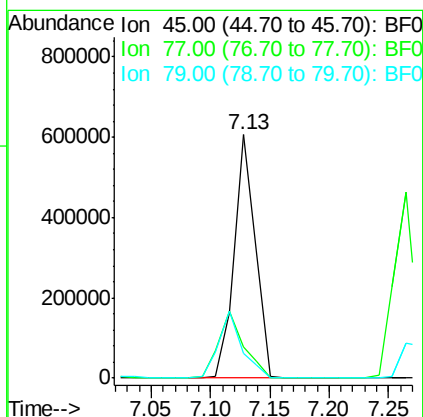
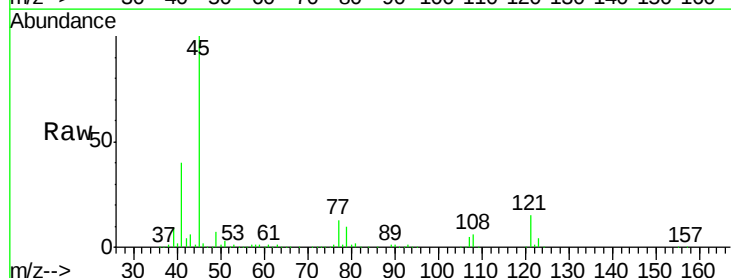
Instrument :
BNA_F
ClientSampleId :
PB97045BSD

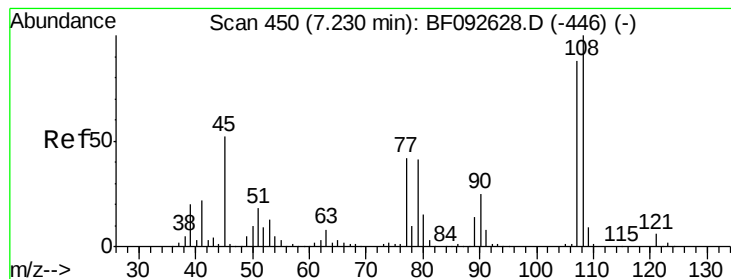
Tgt Ion: 79 Resp: 355338
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 60.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.12 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion: 45 Resp: 752515
Ion Ratio Lower Upper
45 100
77 12.6 0.0 34.6
79 10.2 0.0 31.2





#17

2-Methylphenol

Concen: 45.71 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

Tgt Ion:107 Resp: 379294

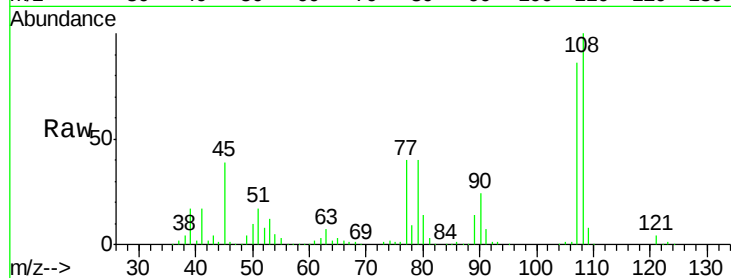
Ion Ratio Lower Upper

107 100

108 116.4 93.0 139.6

77 46.2 39.8 59.8

79 46.1 38.0 57.0

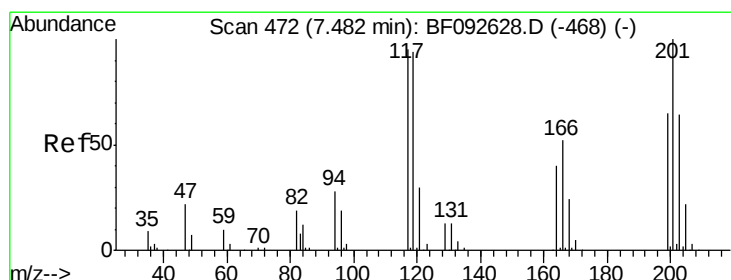
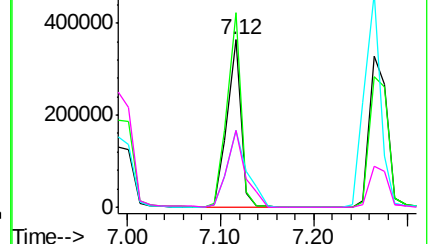
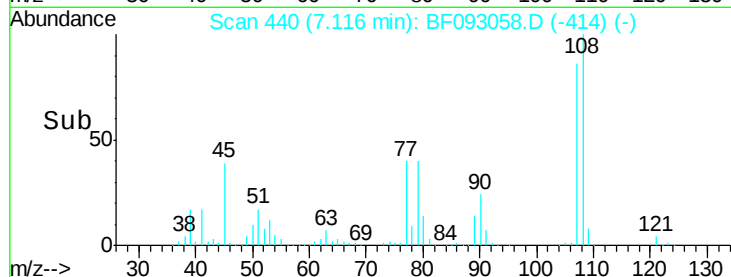


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.53 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

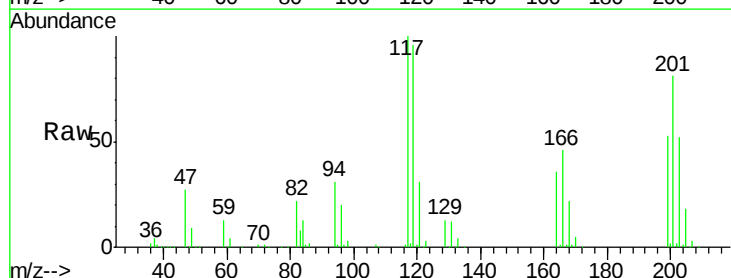
Tgt Ion:117 Resp: 162540

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

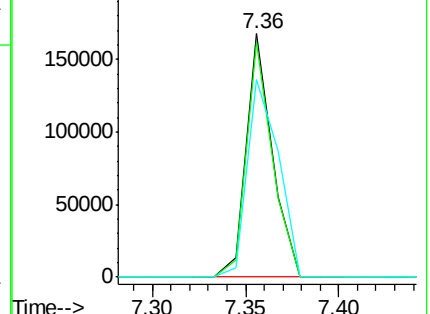
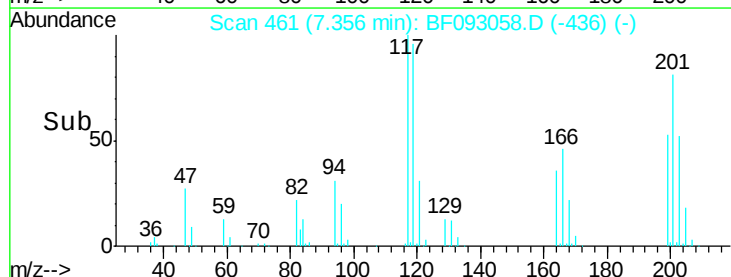
201 81.0 78.6 117.8

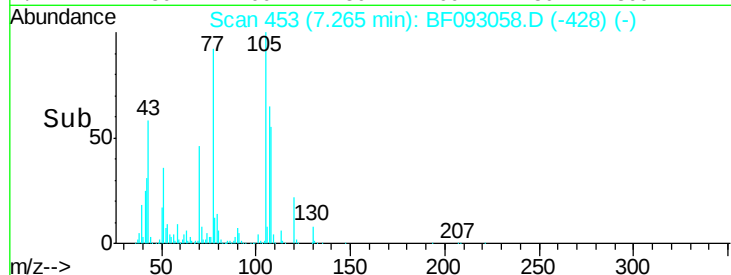
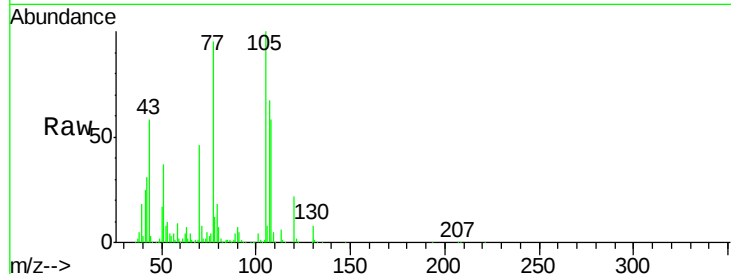


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

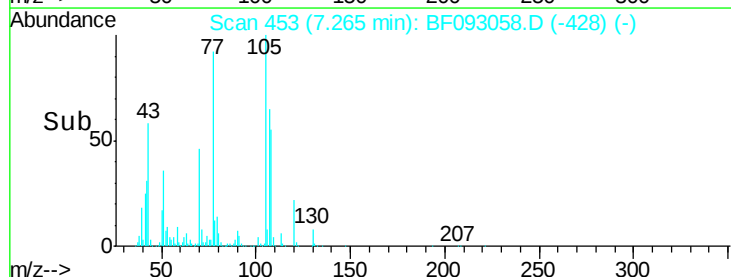
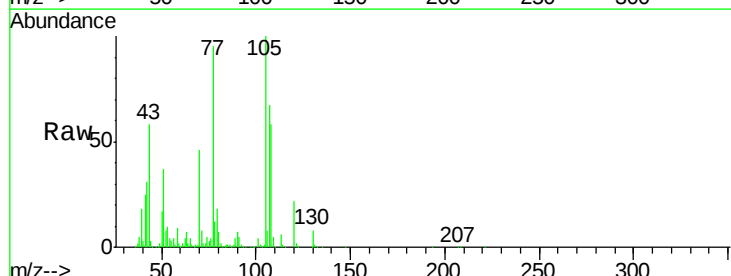
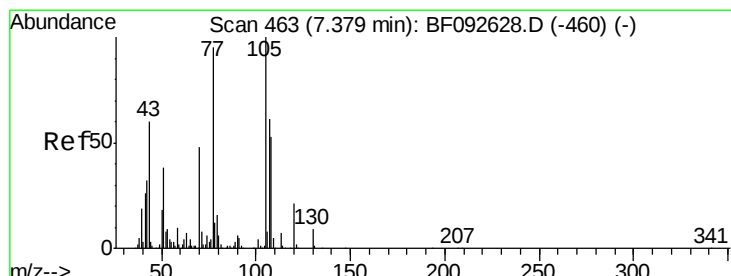
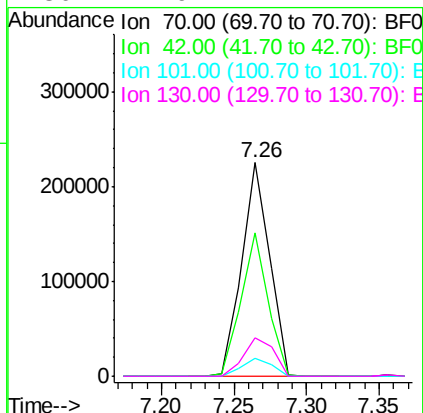




#19
n-Nitroso-di-n-propylamine
Concen: 41.67 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

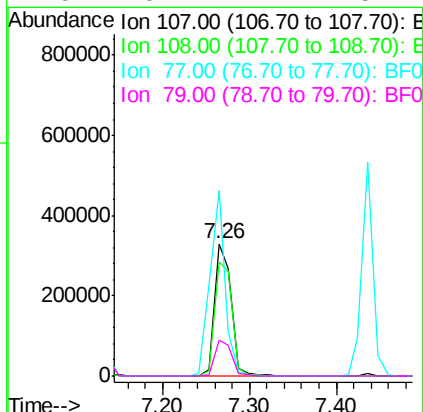
Instrument :
BNA_F
ClientSampleId :
PB97045BSD

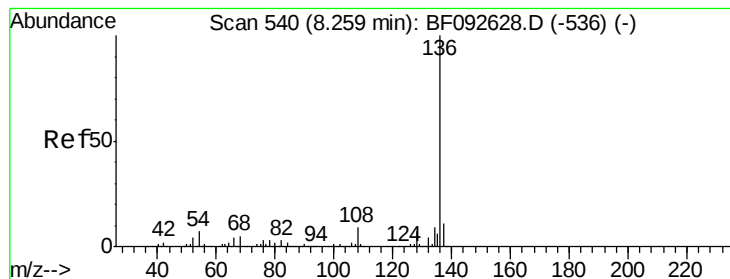
Tgt Ion:	70	Resp:	299242
Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.4	74.0
101	8.4	7.4	11.2
130	17.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.61 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:	107	Resp:	442534
Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.0	113.0
77	141.0	71.3	111.3#
79	26.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

Tgt Ion:136 Resp: 594588

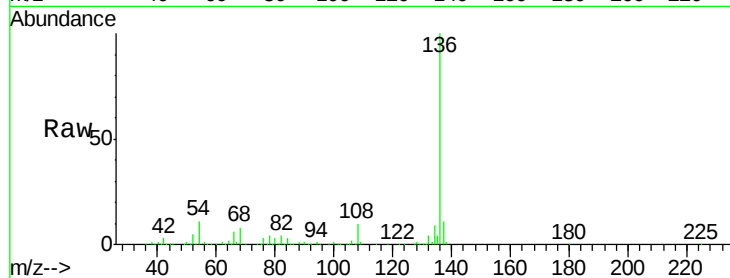
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.2 4.5 6.7#

68 7.5 3.6 5.4#

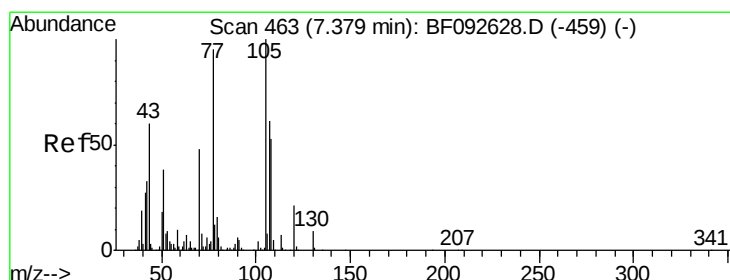
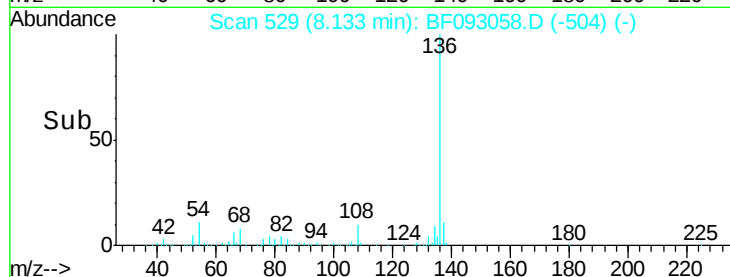
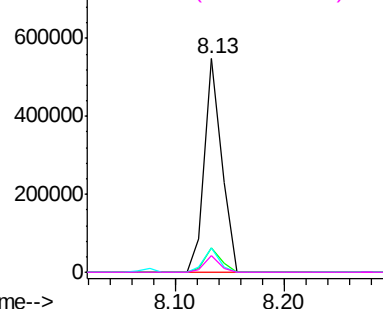


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.01 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Tgt Ion:105 Resp: 570247

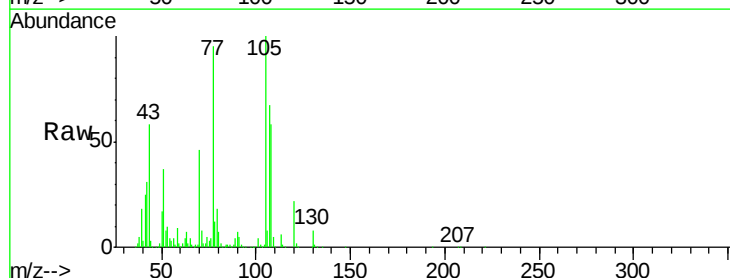
Ion Ratio Lower Upper

105 100

71 7.5 3.2 4.8#

51 37.5 26.2 39.4

120 21.9 16.6 24.8

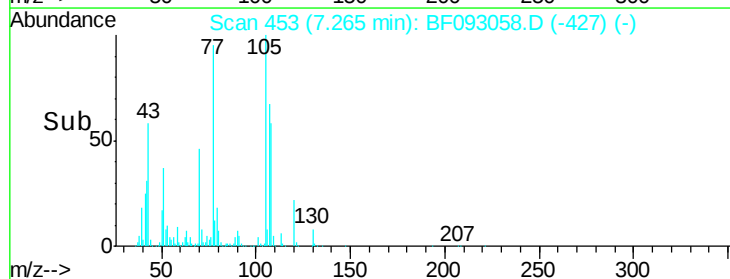
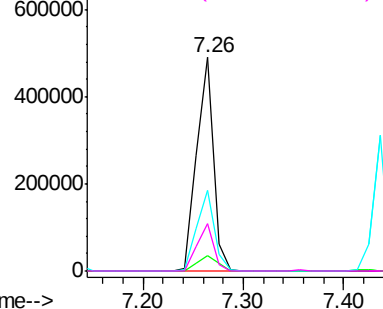


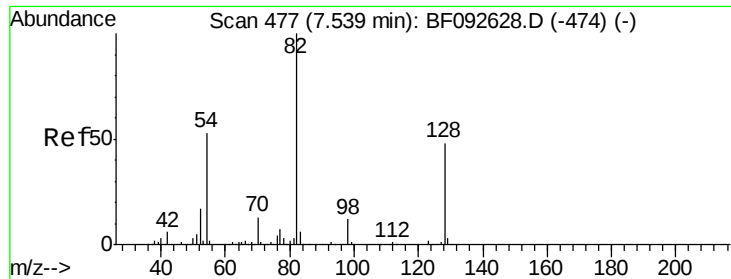
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

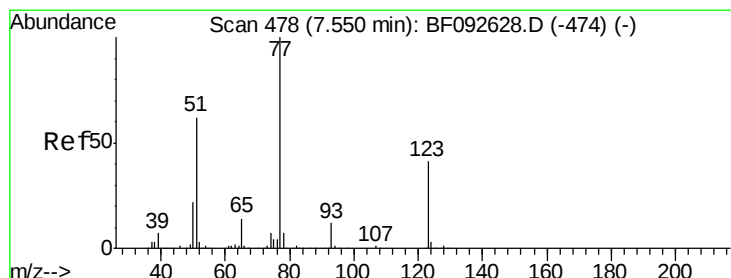
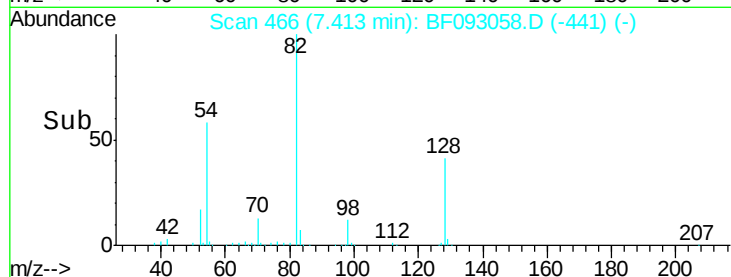
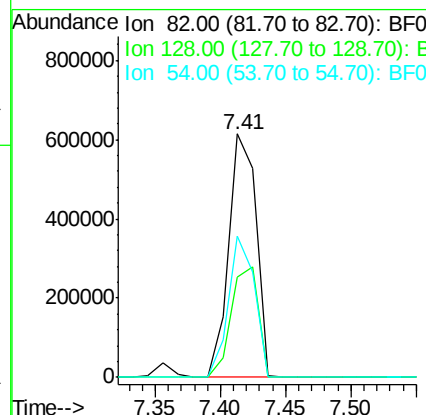
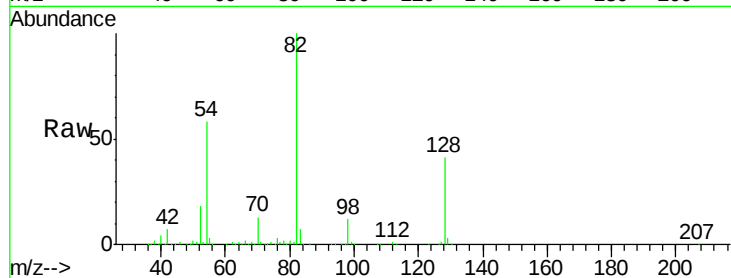




#23
 Nitrobenzene-d5
 Concen: 83.74 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

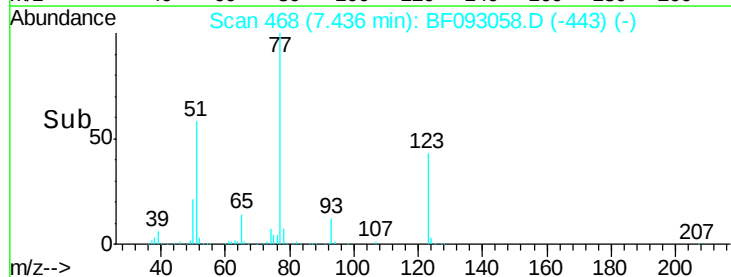
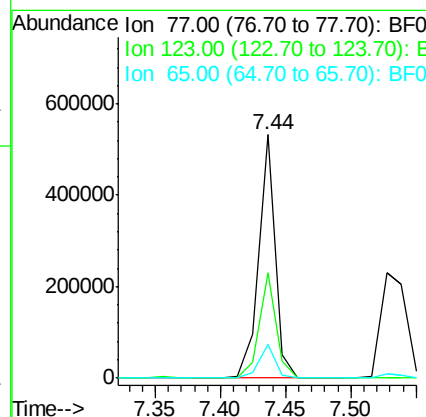
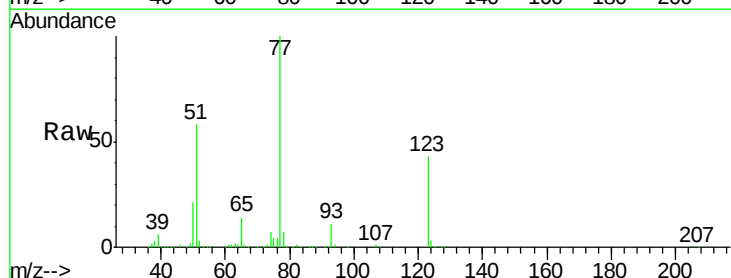
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

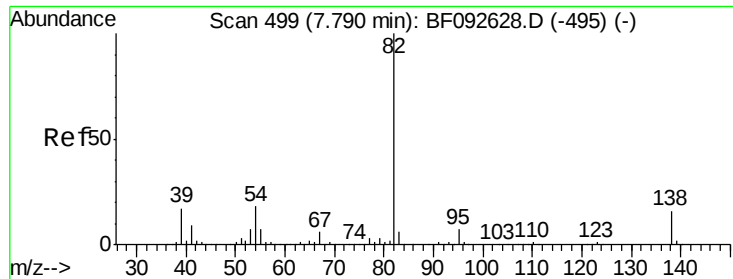
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.2	39.5	59.3



#24
 Nitrobenzene
 Concen: 42.86 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.0	49.4
65	13.9	11.2	16.8

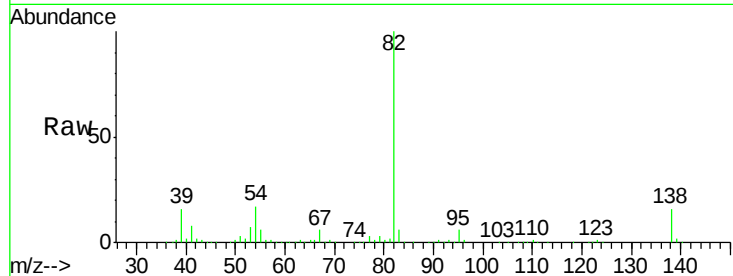




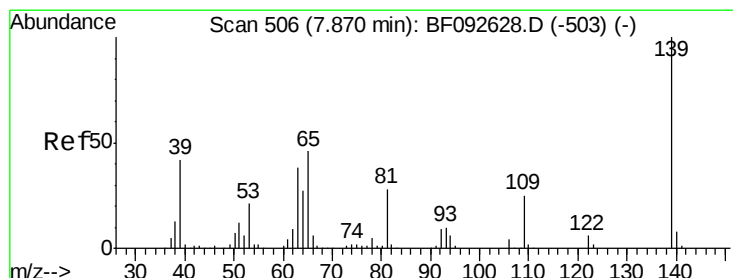
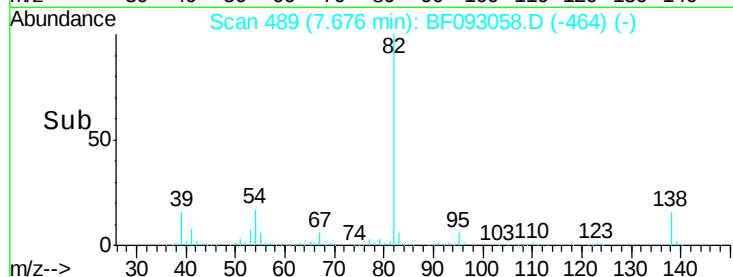
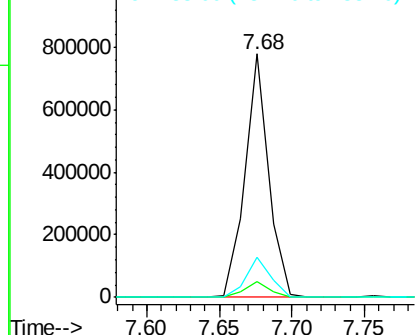
#25
Isophorone
Concen: 44.28 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Tgt Ion: 82 Resp: 881106
Ion Ratio Lower Upper
82 100
95 6.4 5.6 8.4
138 16.2 14.6 22.0

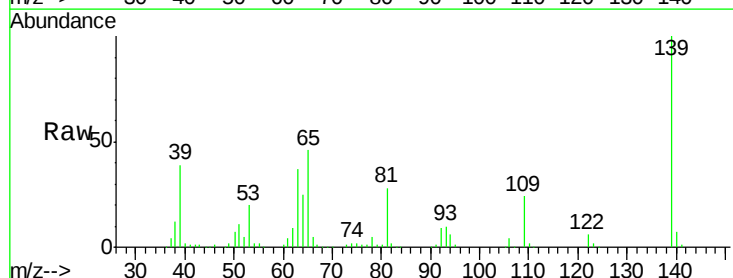


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

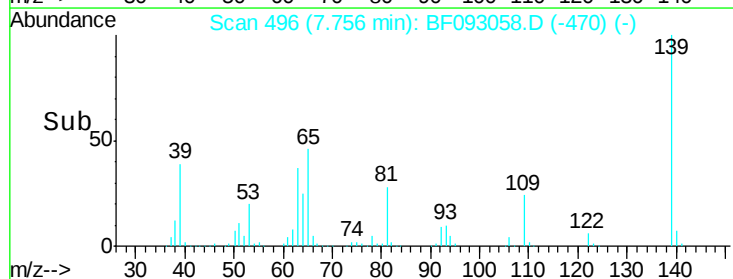
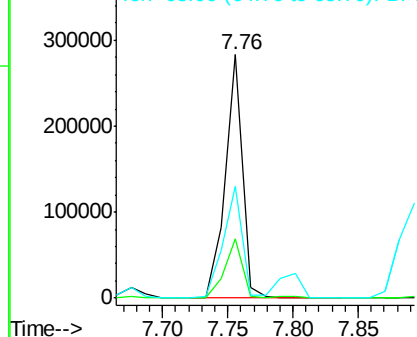


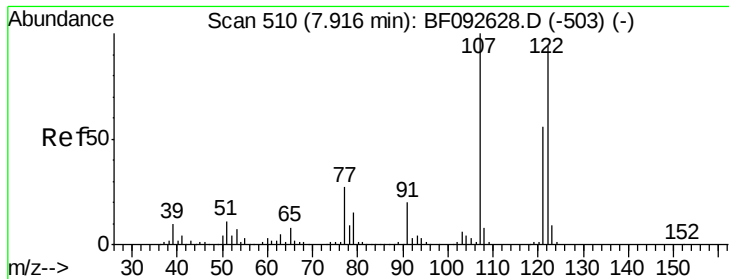
#26
2-Nitrophenol
Concen: 50.24 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion: 139 Resp: 261849
Ion Ratio Lower Upper
139 100
109 24.1 23.3 34.9
65 45.9 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

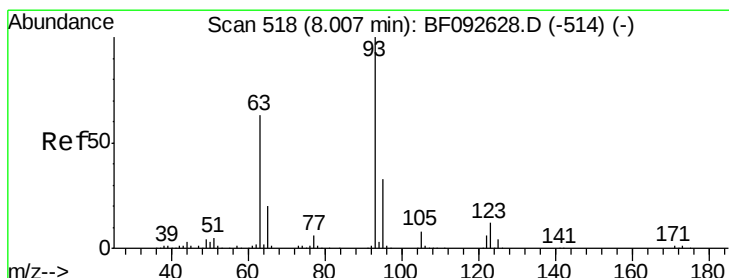
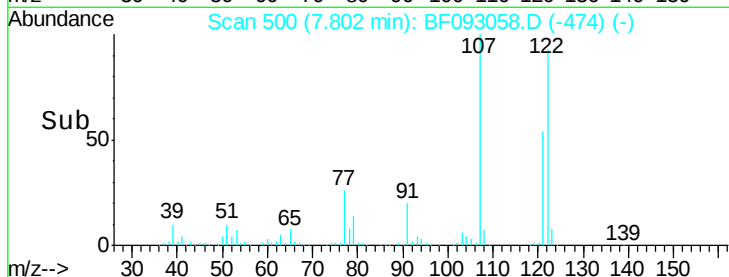
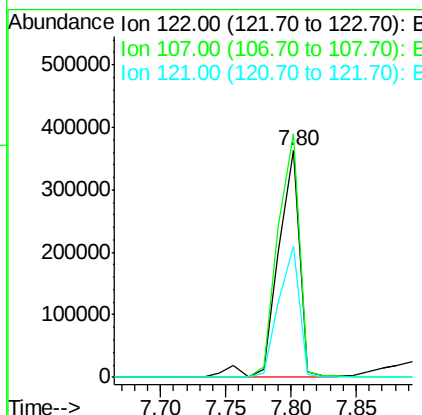
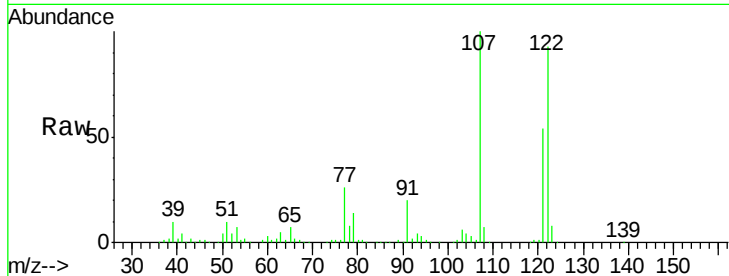




#27
 2,4-Dimethylphenol
 Concen: 45.84 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

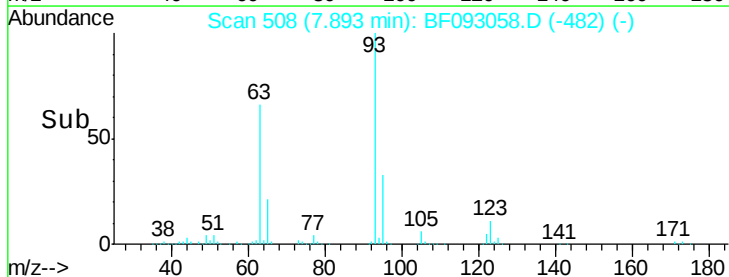
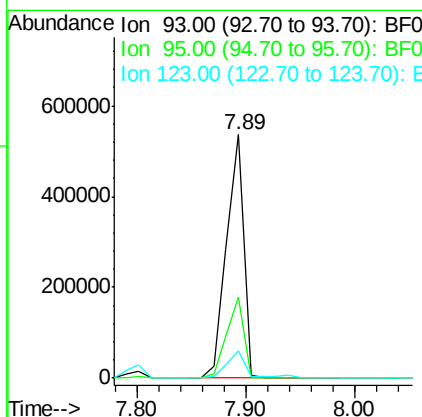
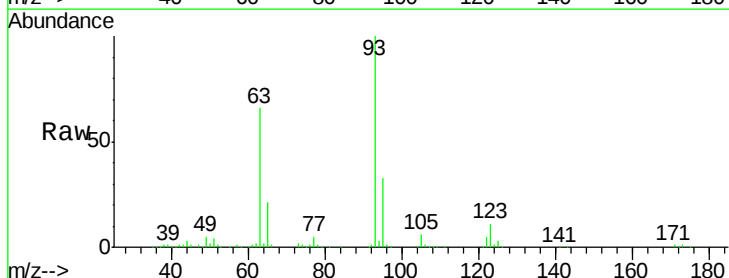
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

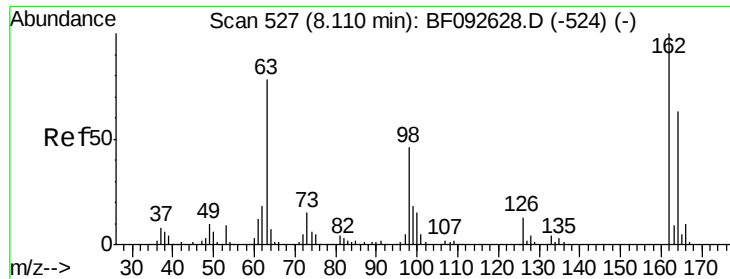
Tgt Ion:122 Resp: 419584
 Ion Ratio Lower Upper
 122 100
 107 107.4 94.1 141.1
 121 57.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.73 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion: 93 Resp: 589398
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.4 8.6 13.0

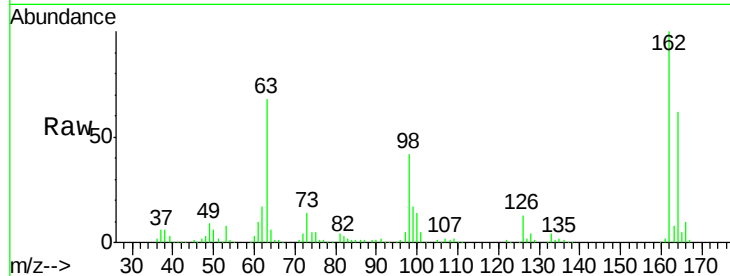




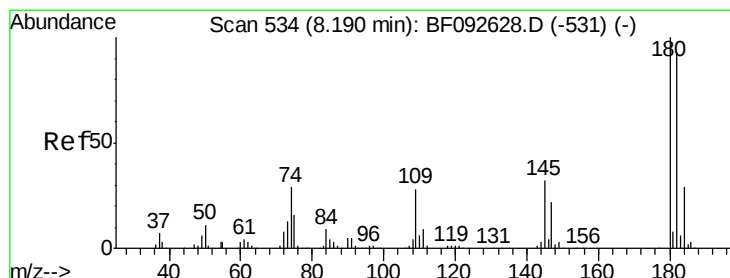
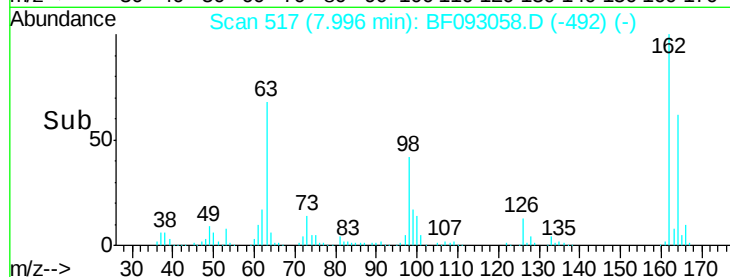
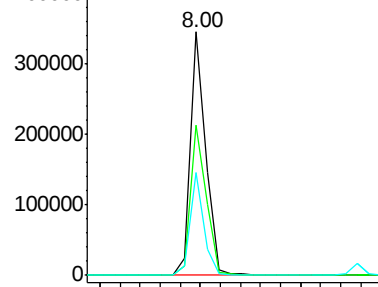
#29
 2,4-Dichlorophenol
 Concen: 42.62 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	46.8	86.8
98	42.3	9.1	49.1

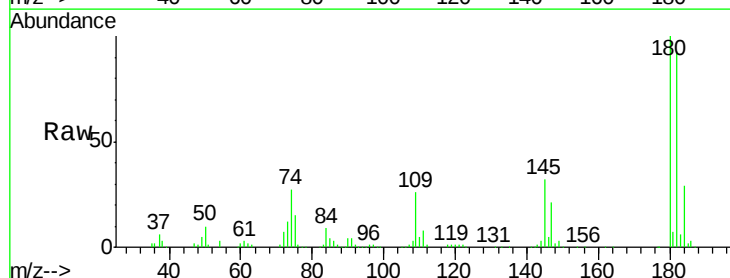


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

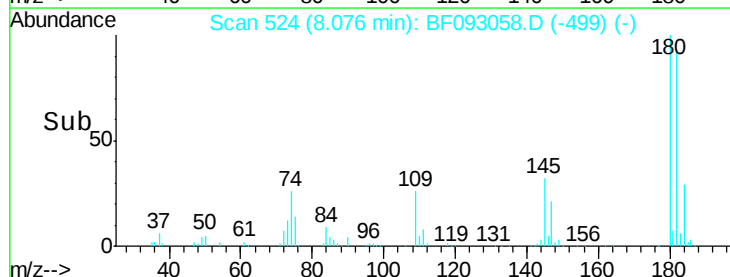
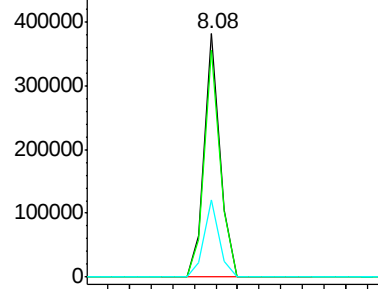


#30
 1,2,4-Trichlorobenzene
 Concen: 41.29 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	78.2	117.4
145	31.8	21.6	32.4



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





#31

Naphthalene

Concen: 38.87 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

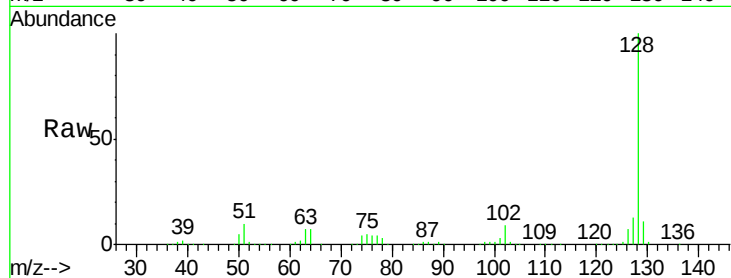
Tgt Ion:128 Resp: 1171447

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

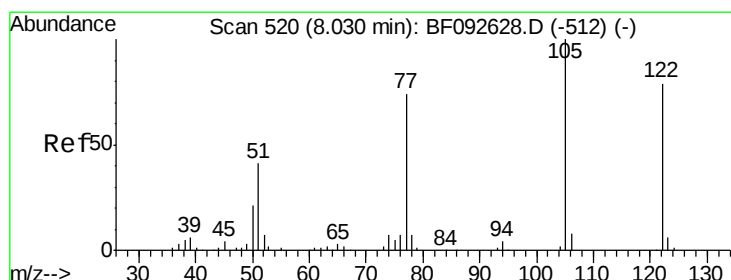
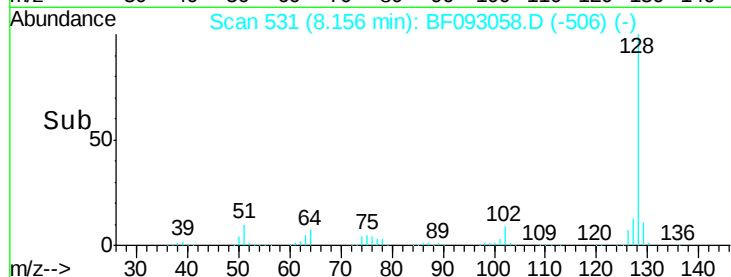
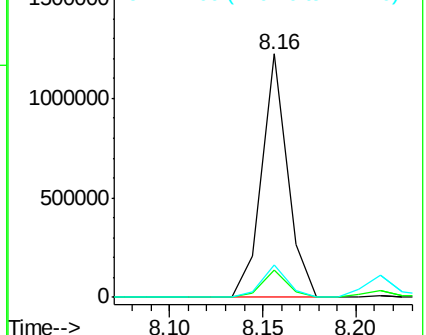
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.41 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

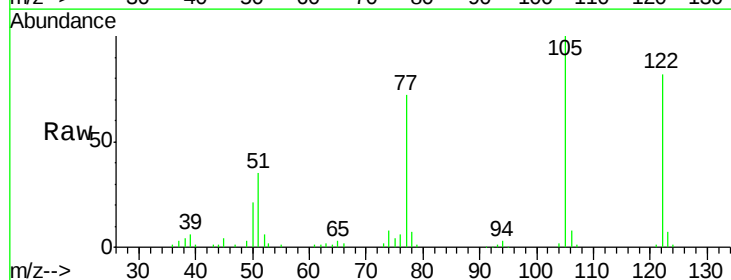
Tgt Ion:122 Resp: 227037

Ion Ratio Lower Upper

122 100

105 121.7 107.2 147.2

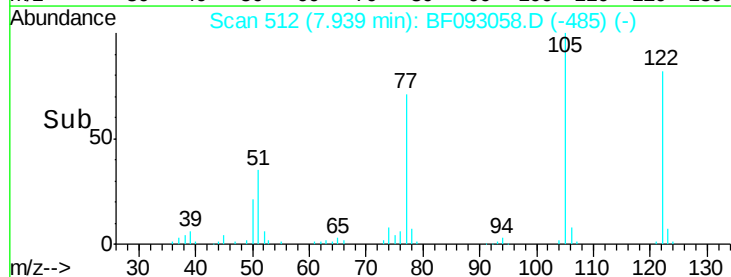
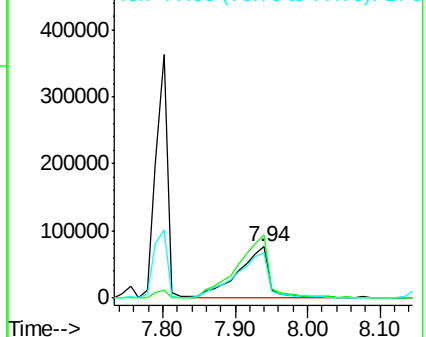
77 87.8 74.5 114.5

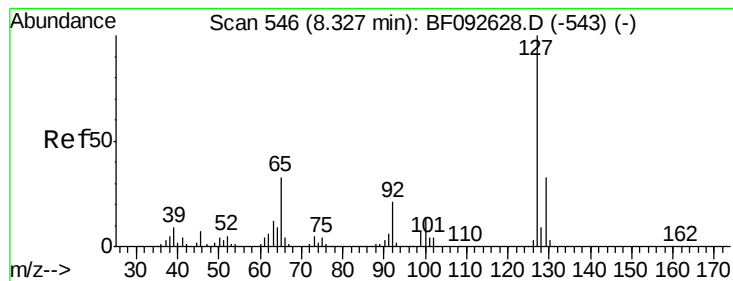


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.49 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

Tgt Ion:127 Resp: 147640

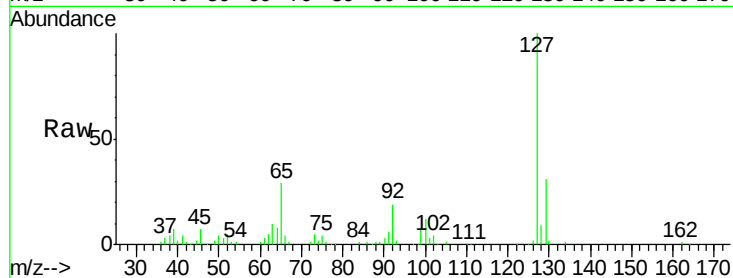
Ion Ratio Lower Upper

127 100

129 31.2 26.3 39.5

65 29.3 25.8 38.8

92 19.1 16.1 24.1

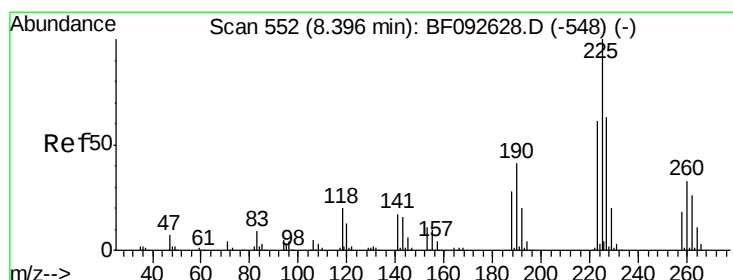
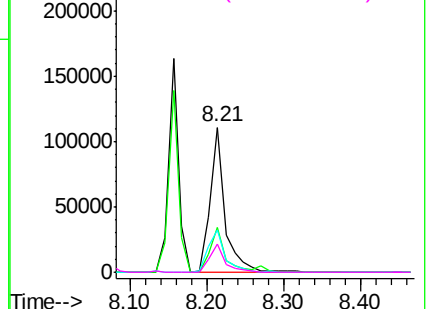
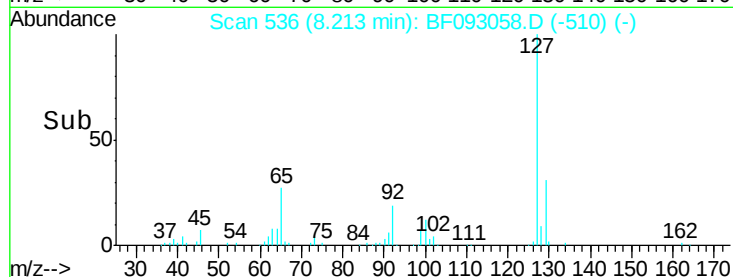


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.09 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

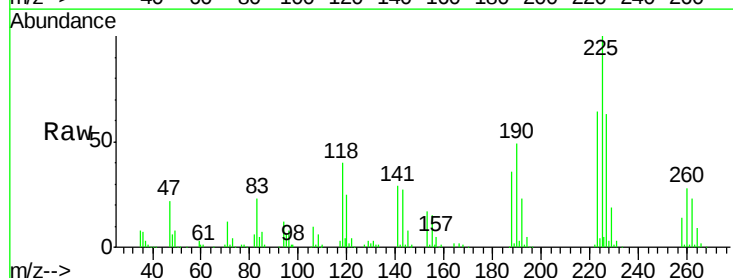
Tgt Ion:225 Resp: 192778

Ion Ratio Lower Upper

225 100

223 63.9 51.0 76.6

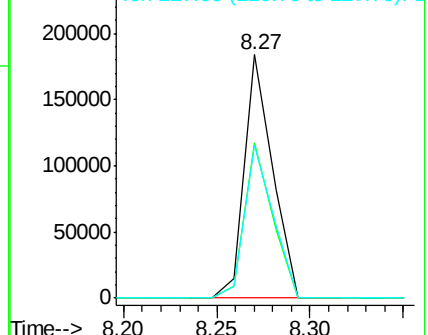
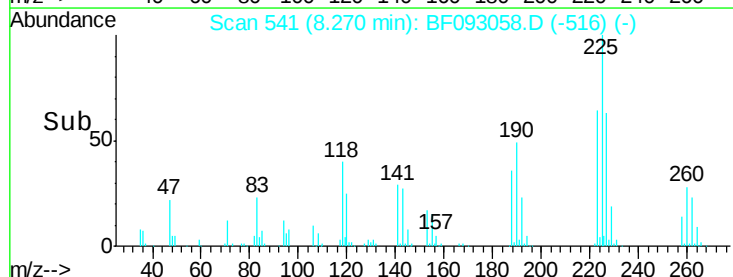
227 62.5 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

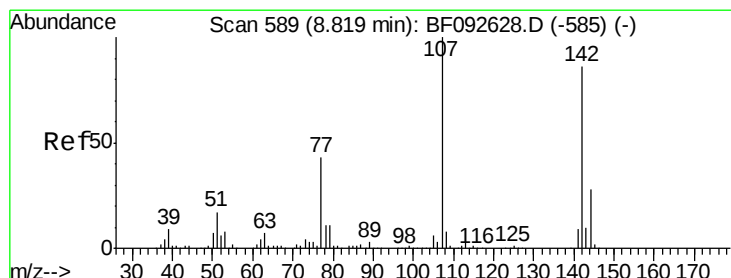
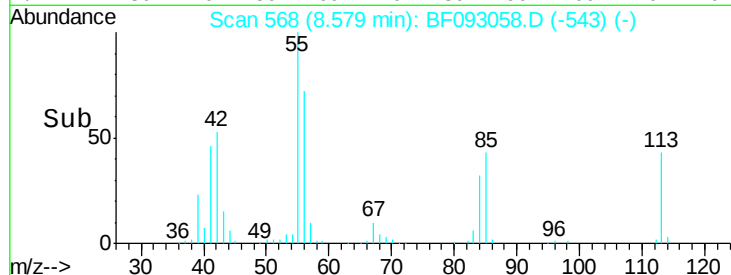
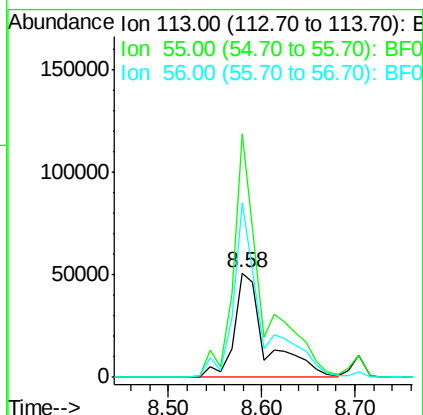
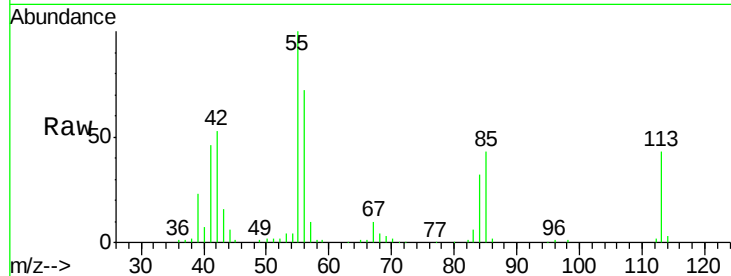




#35
 Caprolactam
 Concen: 45.62 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

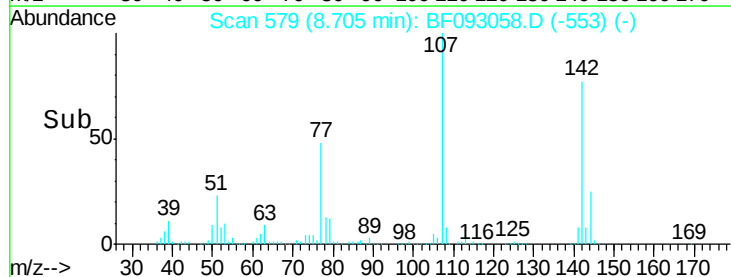
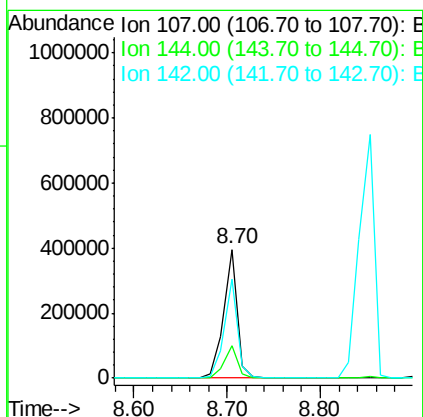
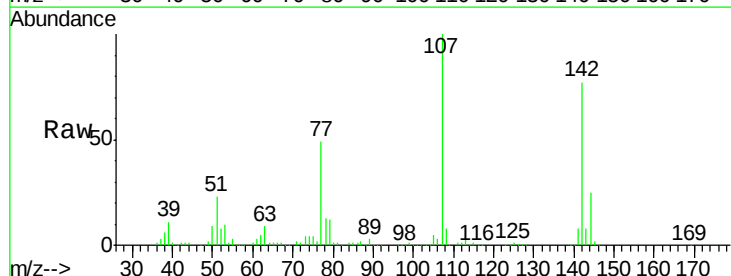
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

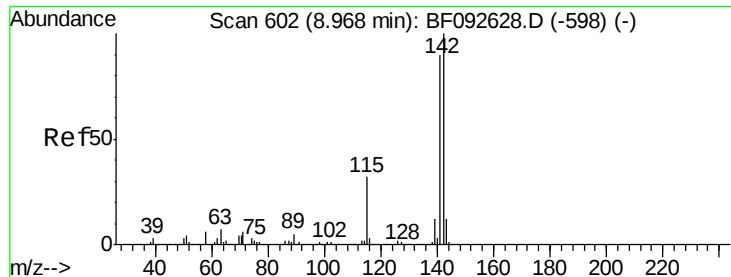
Tgt Ion:113 Resp: 122496
 Ion Ratio Lower Upper
 113 100
 55 232.7 119.2 159.2#
 56 167.1 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.63 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:107 Resp: 397187
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.3 28.9
 142 76.6 59.0 88.6

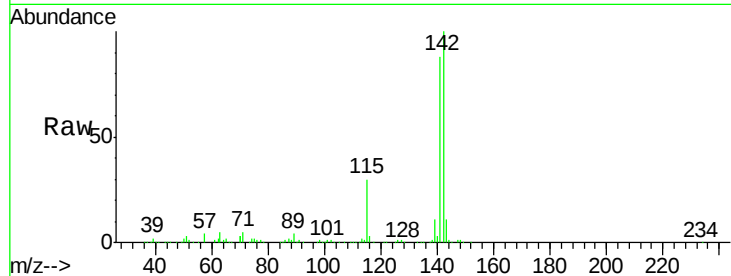




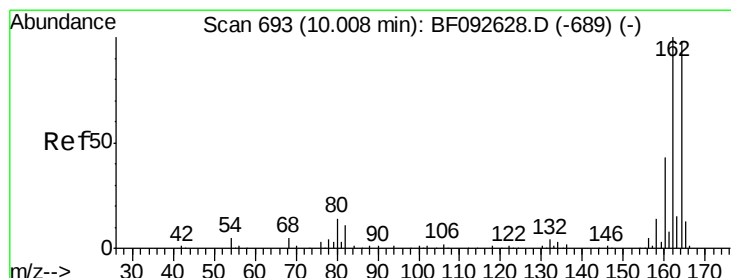
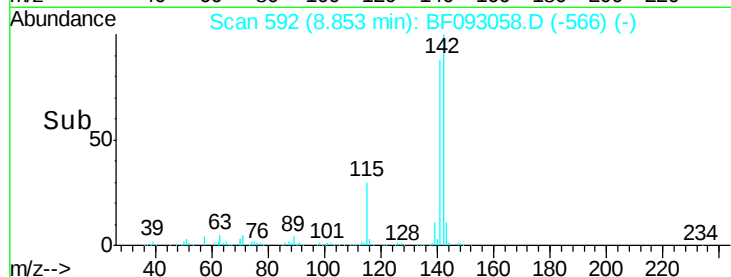
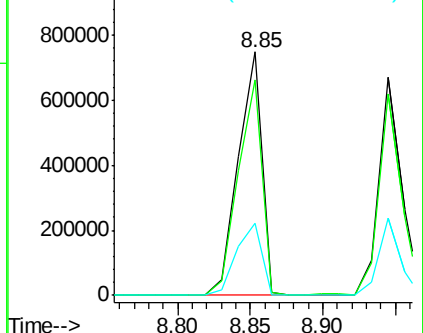
#37
2-Methylnaphthalene
Concen: 43.82 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Tgt Ion:142 Resp: 847967
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 29.5 28.3 42.5

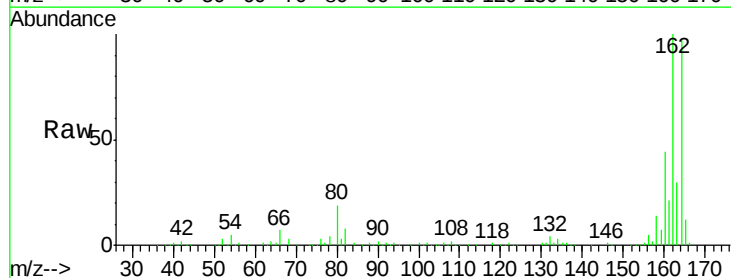


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

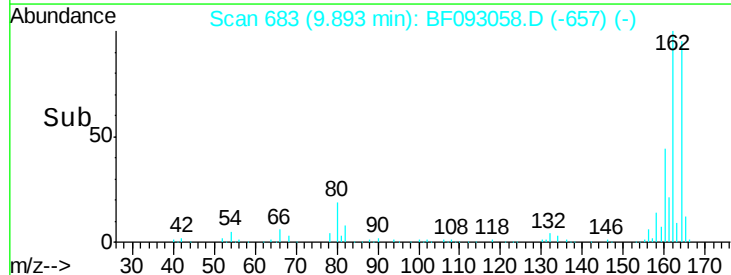
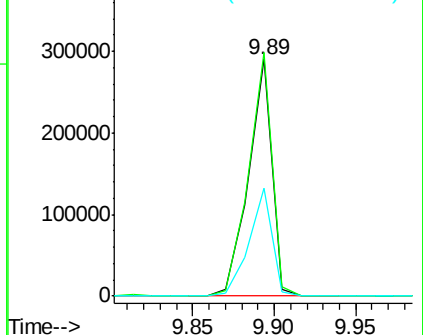


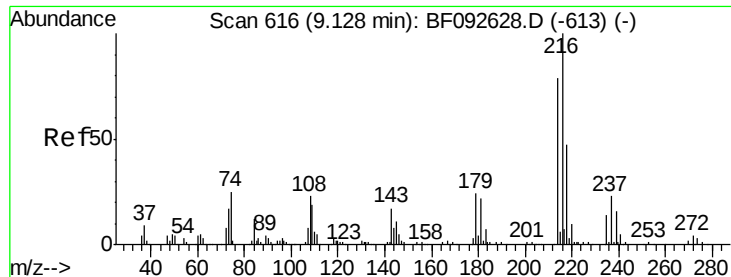
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:164 Resp: 286526
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 45.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

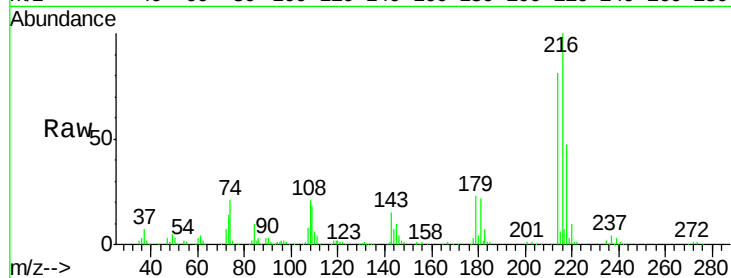




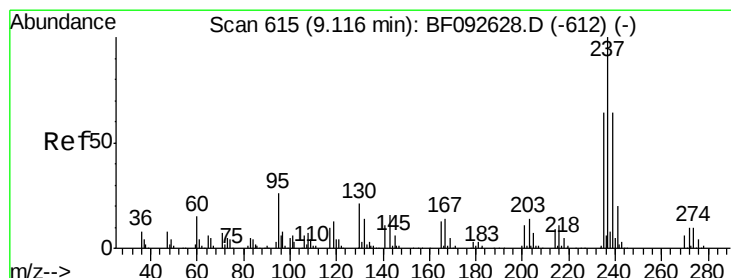
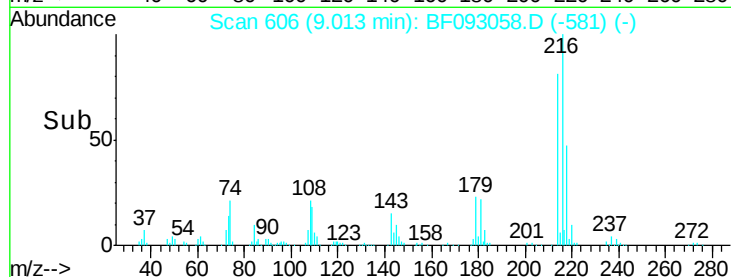
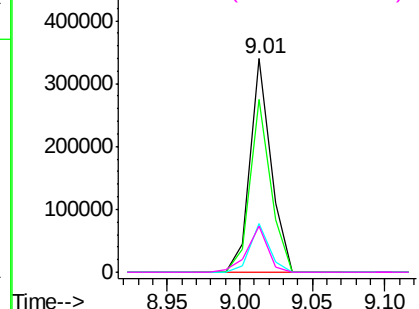
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion:	216	Resp:	341169
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	21.4	17.4	26.2
108	21.3	15.6	23.4

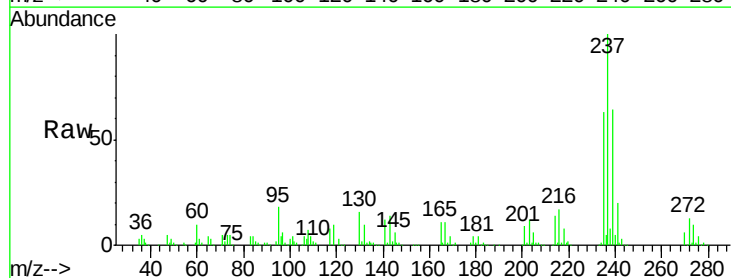


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

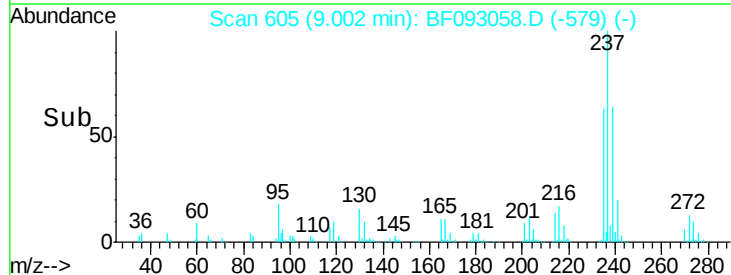
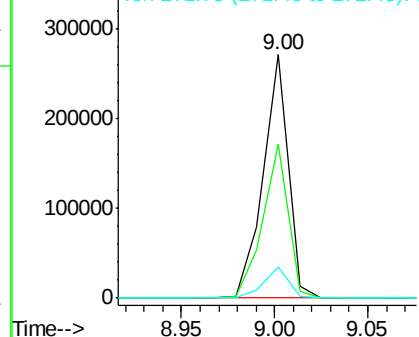


#40
 Hexachlorocyclopentadiene
 Concen: 69.27 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:	237	Resp:	251349
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	12.7	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

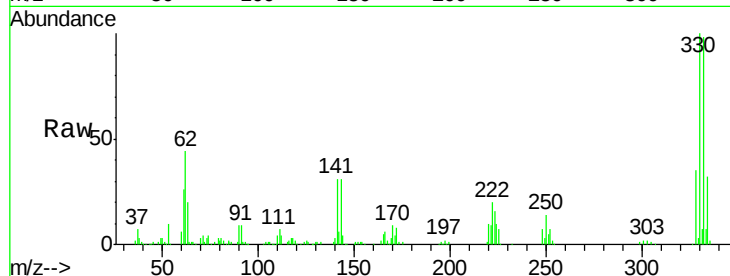




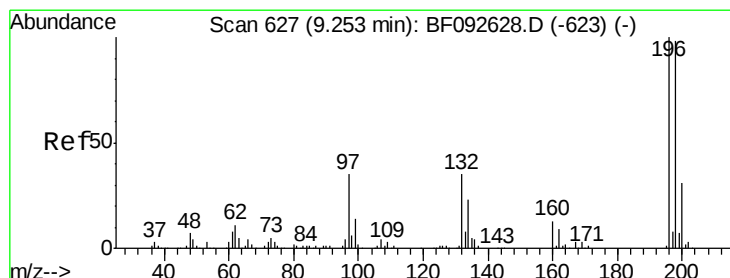
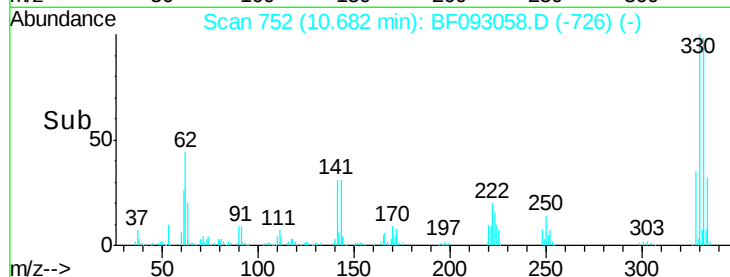
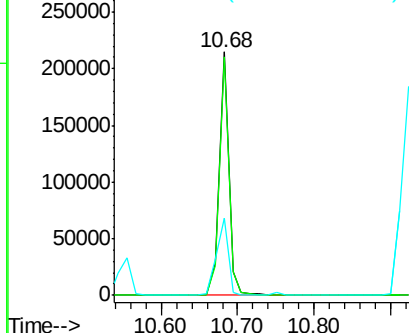
#41
 2,4,6-Tribromophenol
 Concen: 90.49 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion:330 Resp: 187527
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 38.5 34.1 51.1

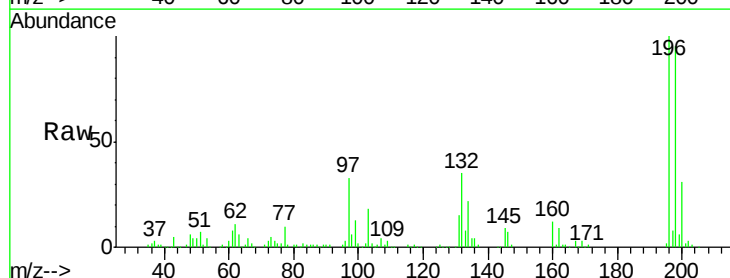


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

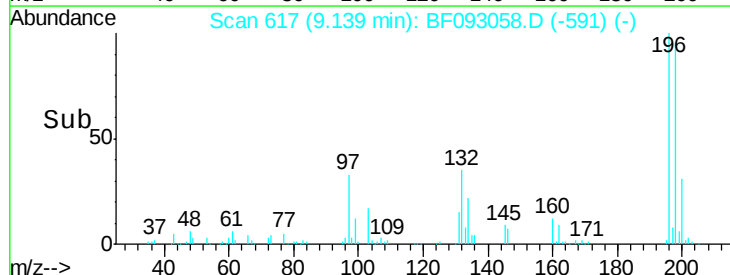
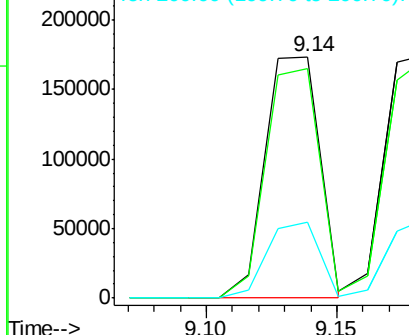


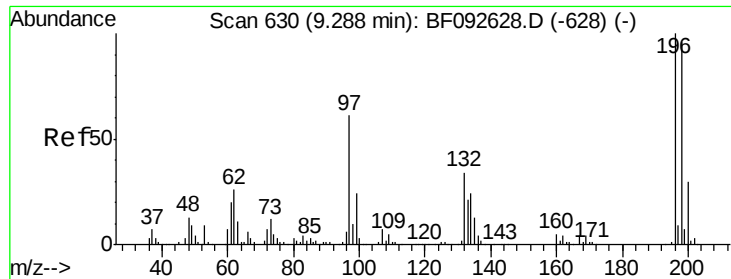
#42
 2,4,6-Trichlorophenol
 Concen: 47.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:196 Resp: 252387
 Ion Ratio Lower Upper
 196 100
 198 95.3 82.1 123.1
 200 31.3 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

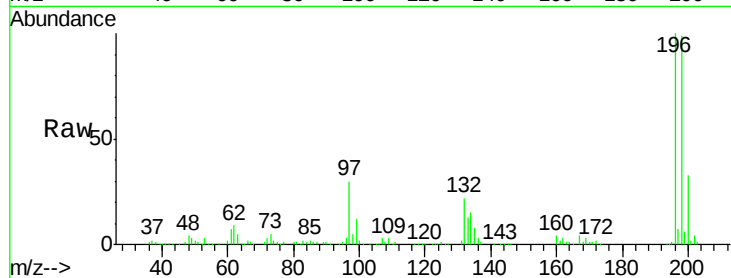




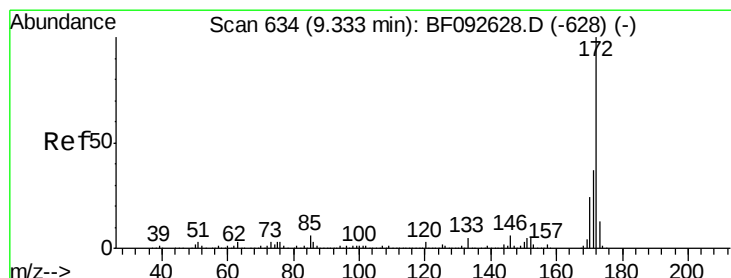
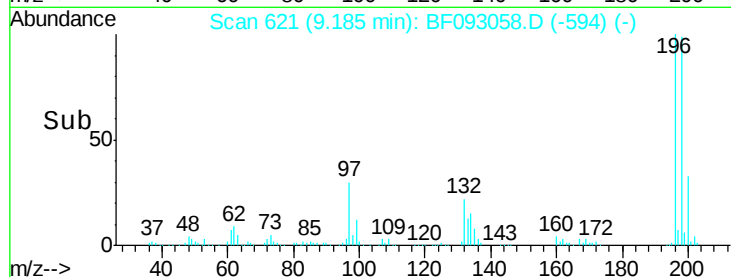
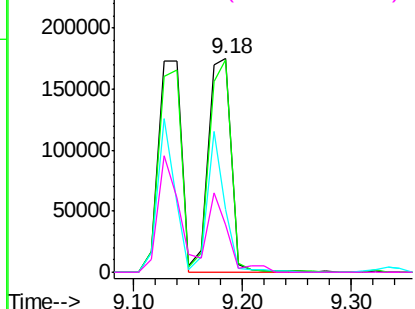
#43
 2,4,5-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion:196 Resp: 256562
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.4 119.2
 97 29.6 51.5 77.3#
 132 22.1 27.4 41.2#



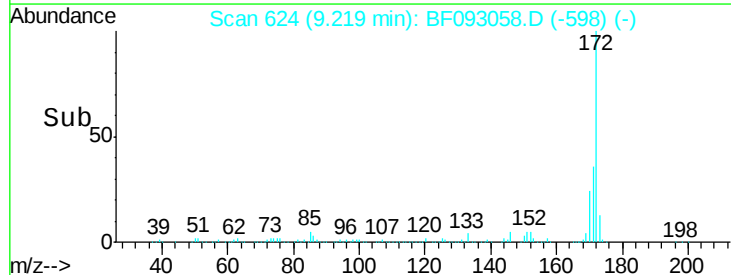
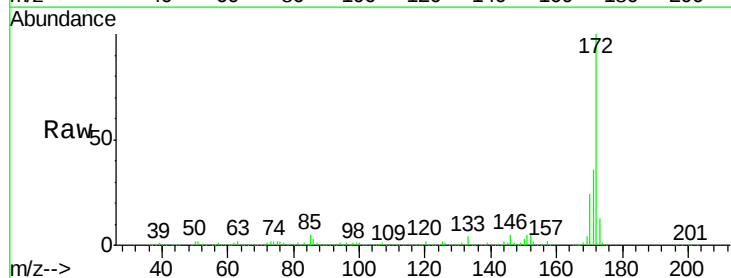
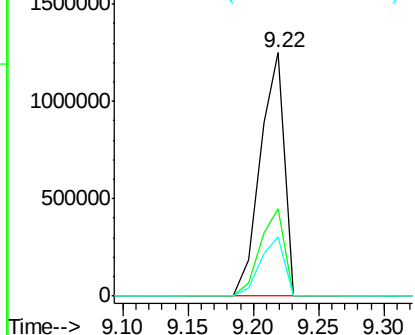
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

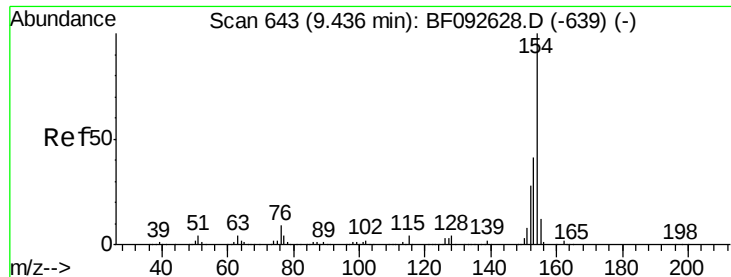


#44
 2-Fluorobiphenyl
 Concen: 101.60 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:172 Resp: 1606793
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 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: 44.31 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

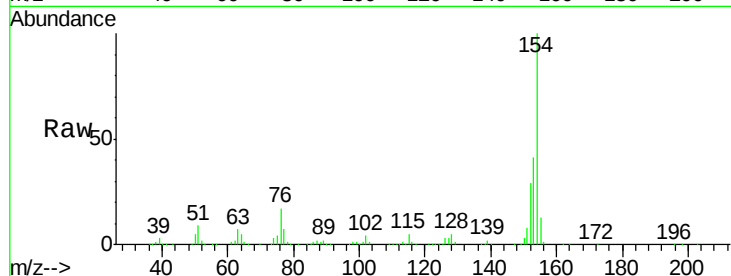
Tgt Ion:154 Resp: 919272

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

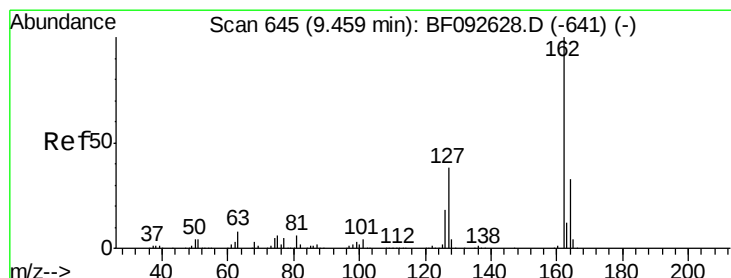
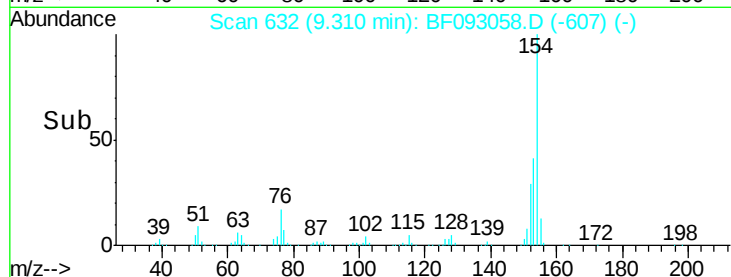
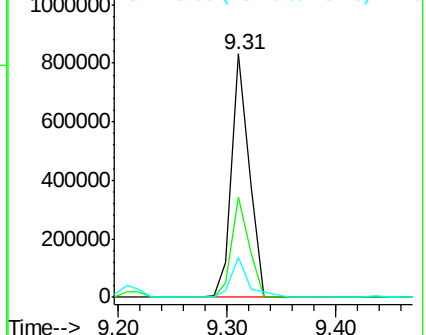
76 16.7 0.0 30.5



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: 47.60 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

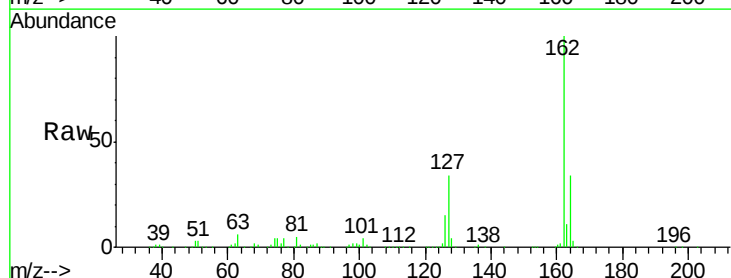
Tgt Ion:162 Resp: 772590

Ion Ratio Lower Upper

162 100

127 34.2 30.7 46.1

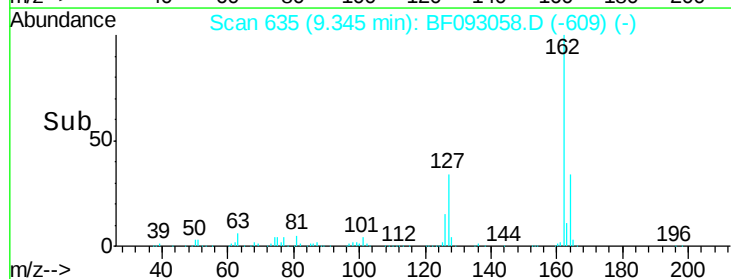
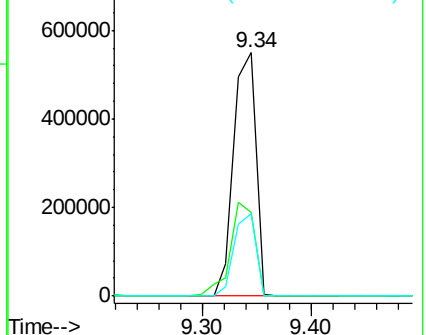
164 34.0 27.6 41.4



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

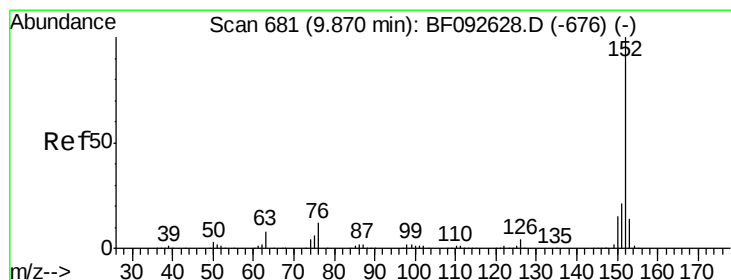
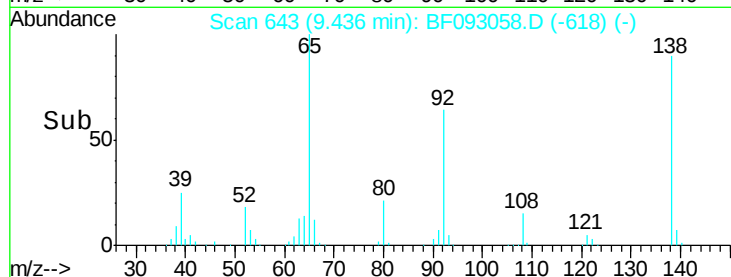
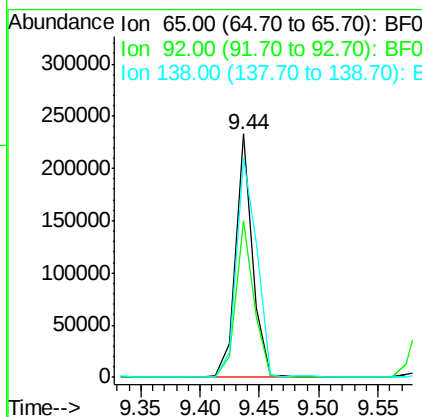
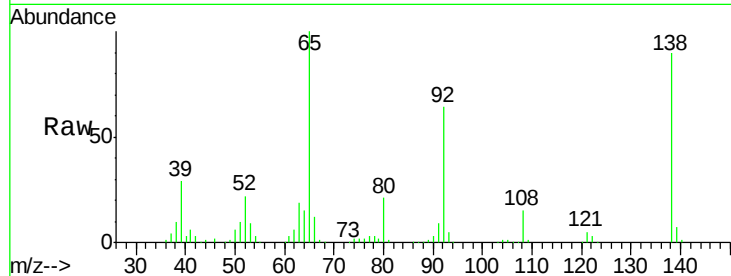




#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

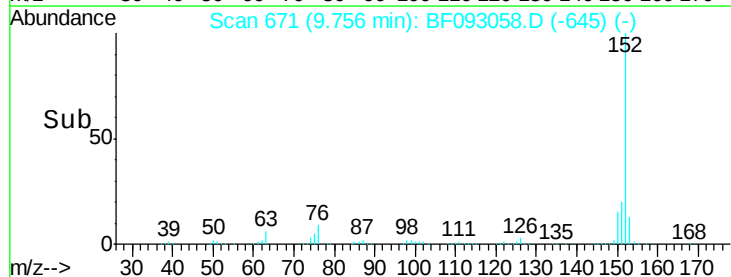
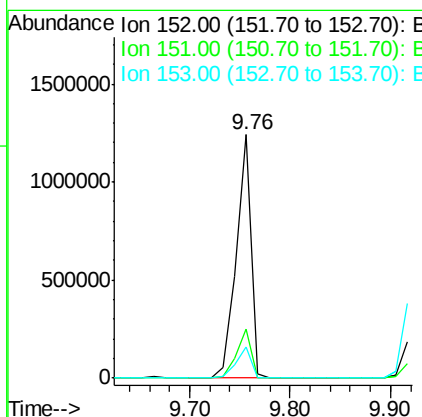
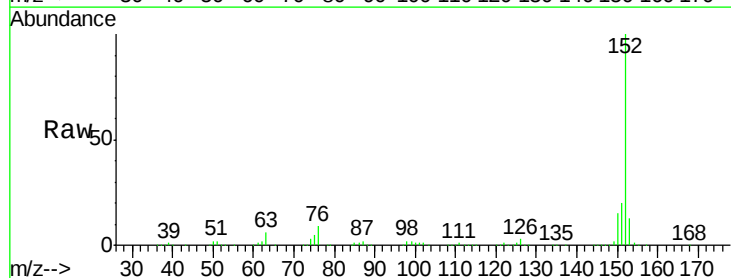
Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Tgt Ion: 65 Resp: 231983
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 89.9 76.8 115.2



#48
Acenaphthylene
Concen: 45.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion: 152 Resp: 1261658
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.0 11.4 17.2





#49

Dimethylphthalate

Concen: 47.72 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

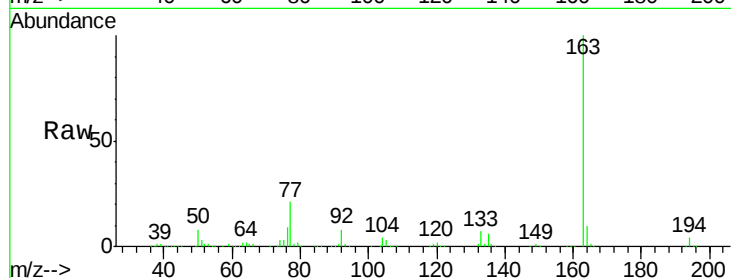
Tgt Ion:163 Resp: 921013

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

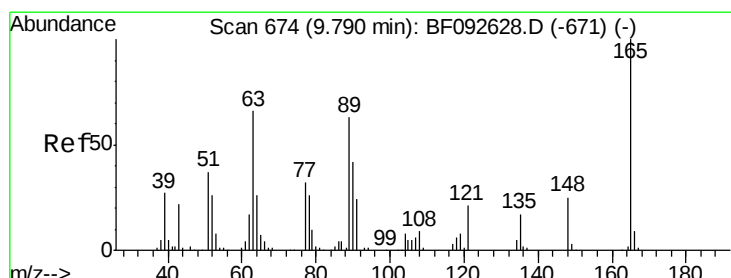
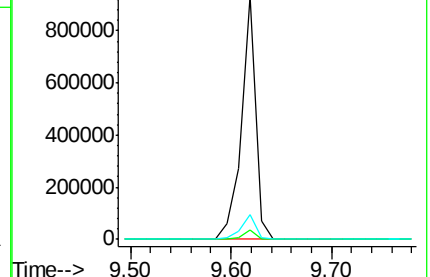
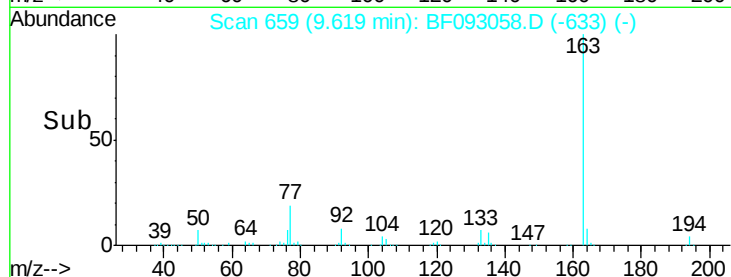
164 10.3 8.0 12.0



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: 49.43 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

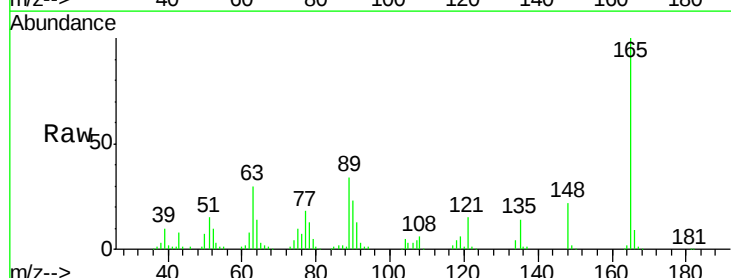
Tgt Ion:165 Resp: 206021

Ion Ratio Lower Upper

165 100

63 30.4 36.2 54.4#

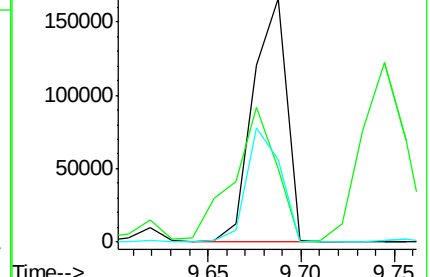
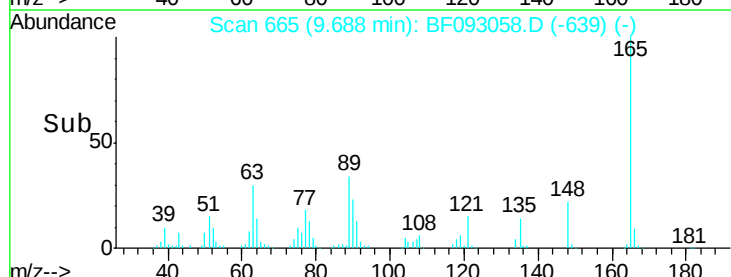
89 33.8 40.2 60.4#

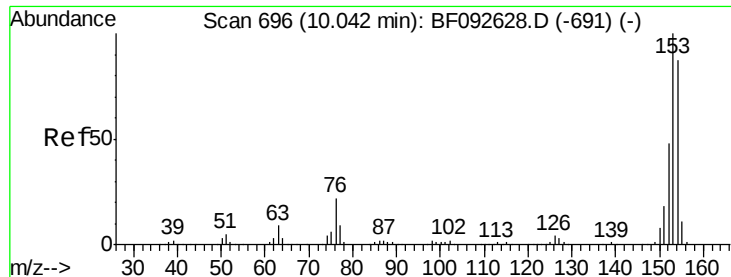


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.11 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

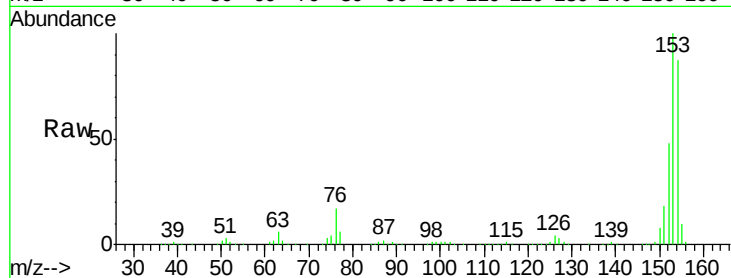
Tgt Ion:154 Resp: 739506

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

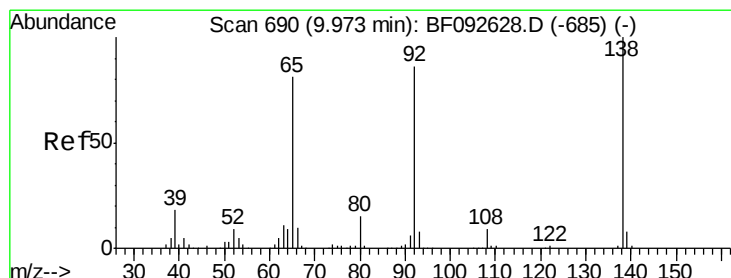
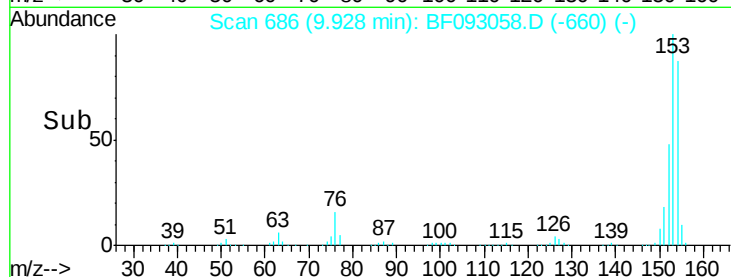
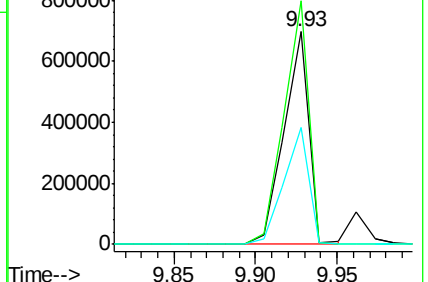
152 54.9 41.6 62.4



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: 23.26 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

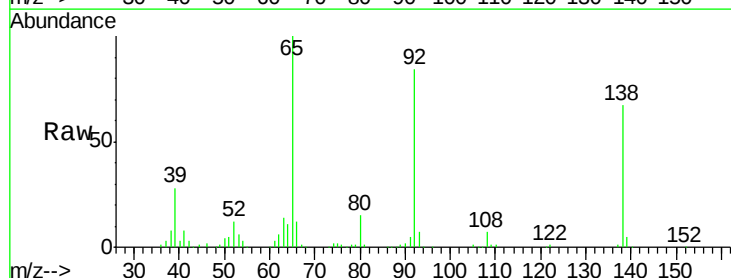
Tgt Ion:138 Resp: 110939

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

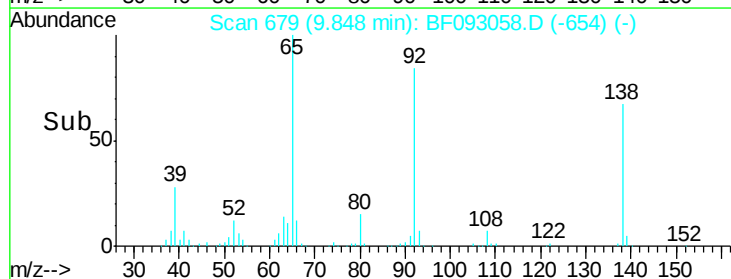
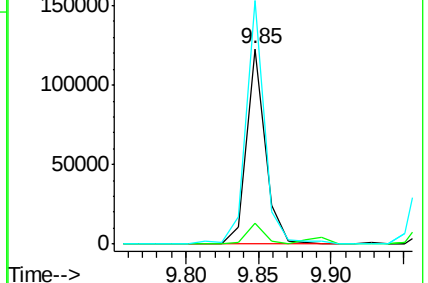
92 124.9 97.8 146.8

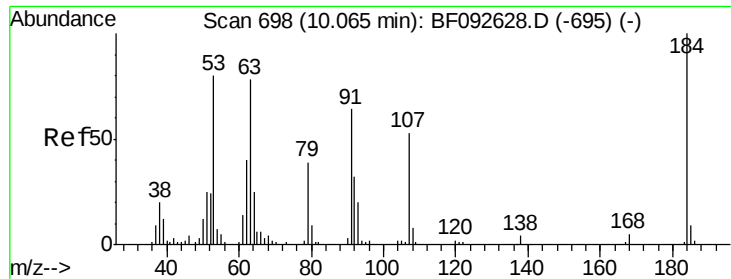


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

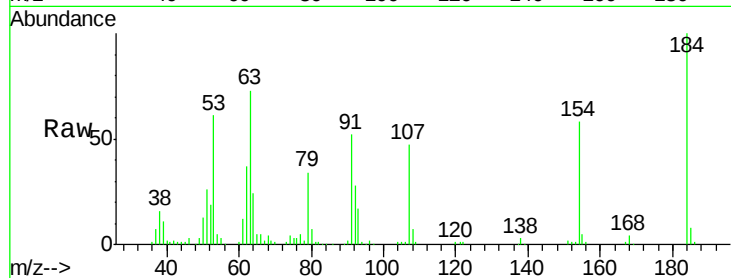




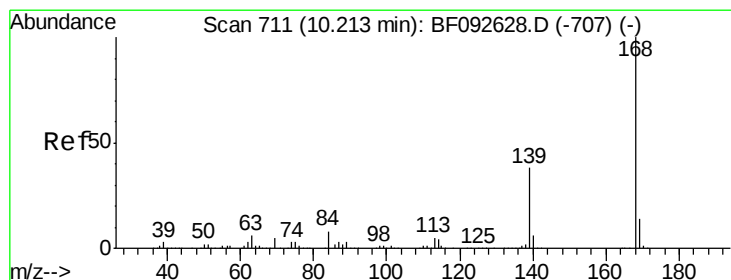
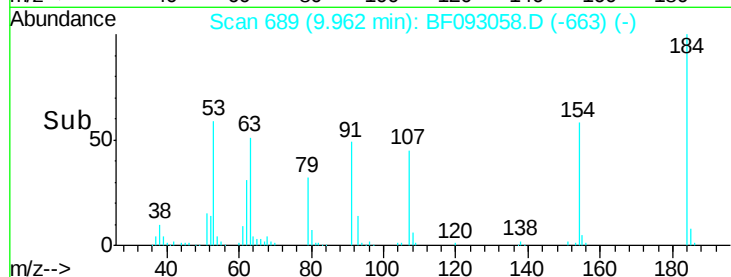
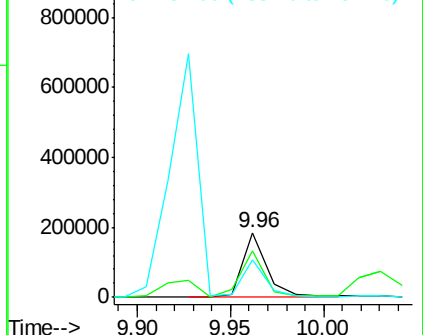
#53
 2,4-Dinitrophenol
 Concen: 80.22 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion:184 Resp: 170112
 Ion Ratio Lower Upper
 184 100
 63 72.8 28.4 42.6#
 154 58.2 44.3 66.5

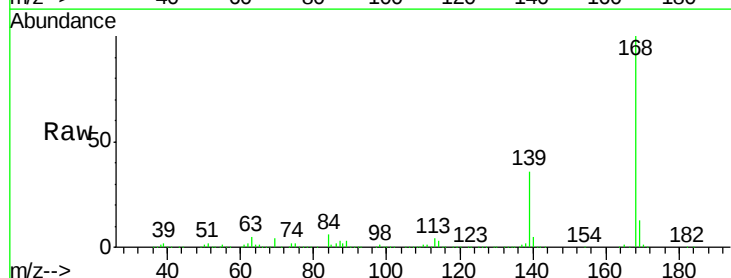


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

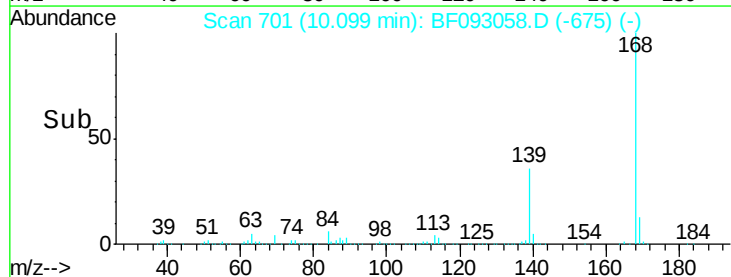
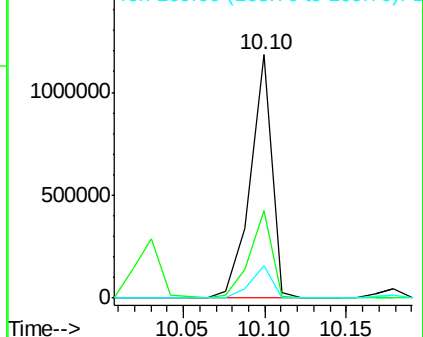


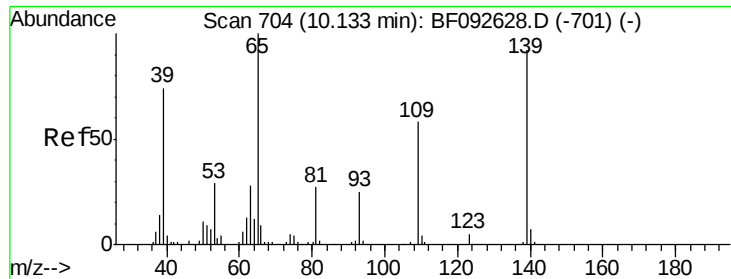
#54
 Dibenzofuran
 Concen: 48.40 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:168 Resp: 1085190
 Ion Ratio Lower Upper
 168 100
 139 35.9 32.6 49.0
 169 13.5 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

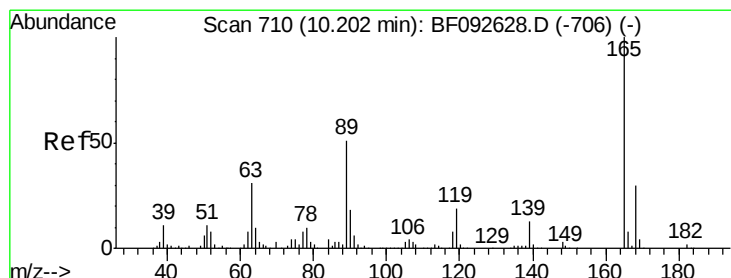
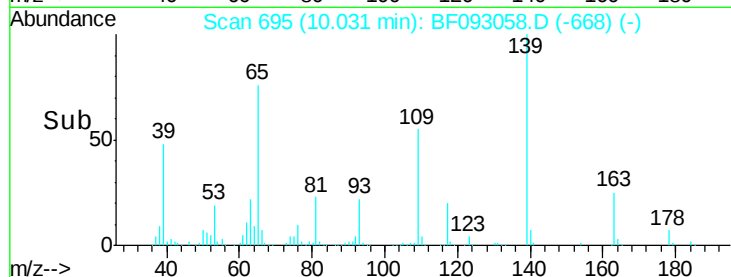
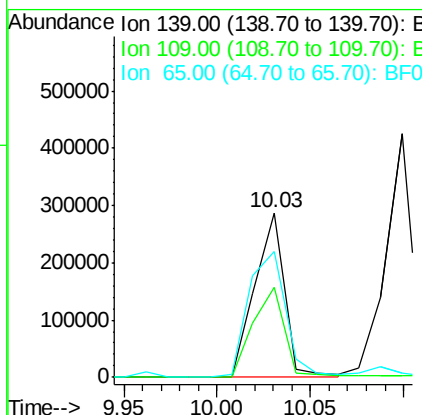
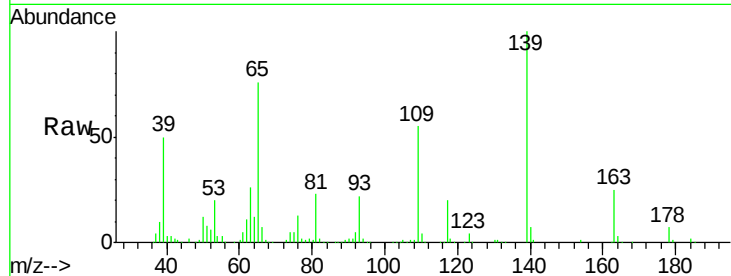




#55
4-Nitrophenol
Concen: 92.33 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

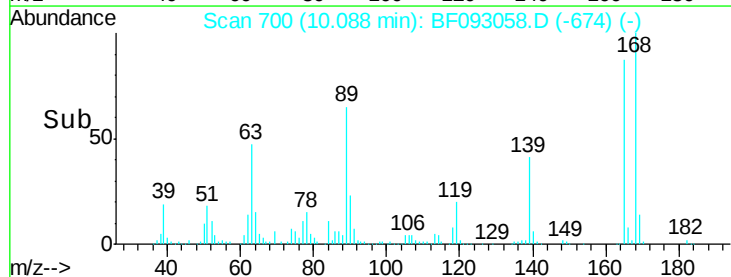
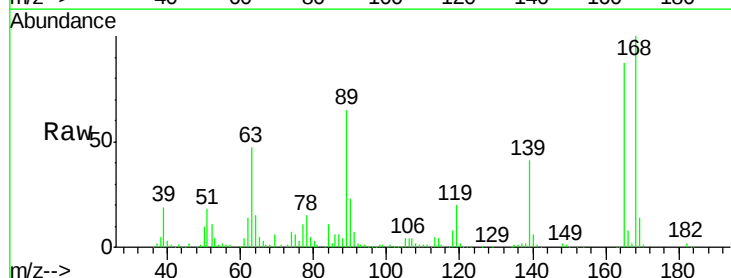
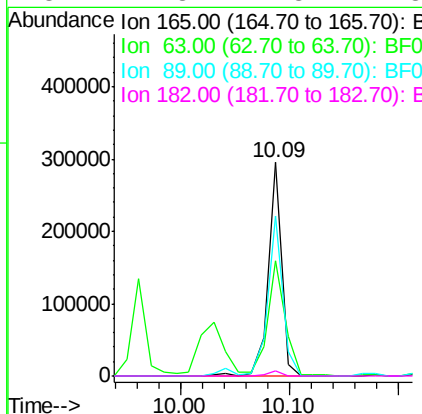
Instrument :
BNA_F
ClientSampleId :
PB97045BSD

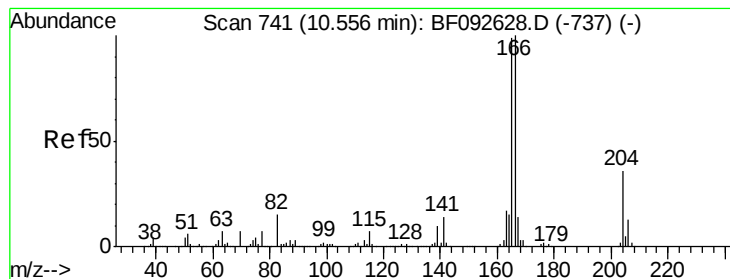
Tgt Ion:139 Resp: 317196
Ion Ratio Lower Upper
139 100
109 55.0 52.2 92.2
65 76.3 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 46.10 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:165 Resp: 255816
Ion Ratio Lower Upper
165 100
63 54.2 40.2 60.4
89 75.2 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 48.16 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

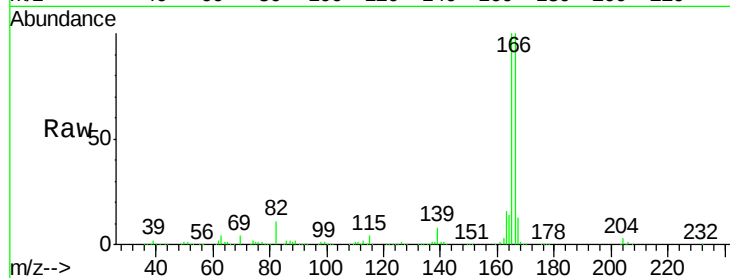
Tgt Ion:166 Resp: 830804

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

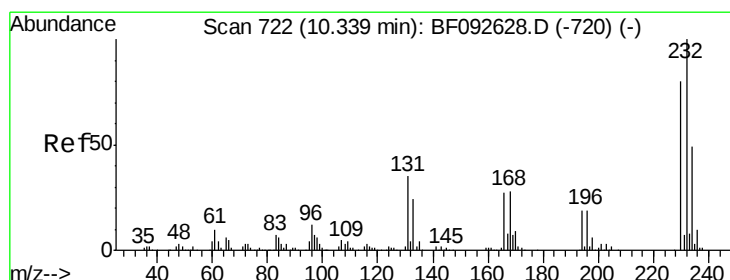
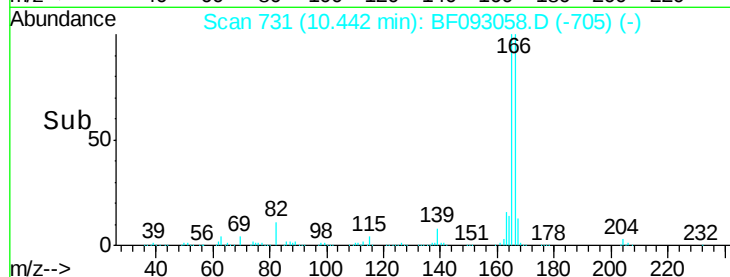
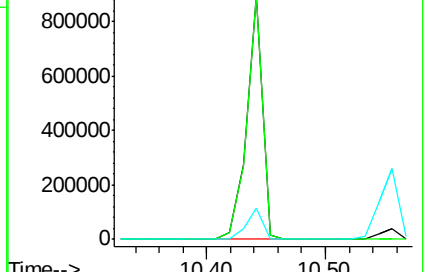
167 12.9 10.8 16.2



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: 47.34 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Tgt Ion:232 Resp: 182857

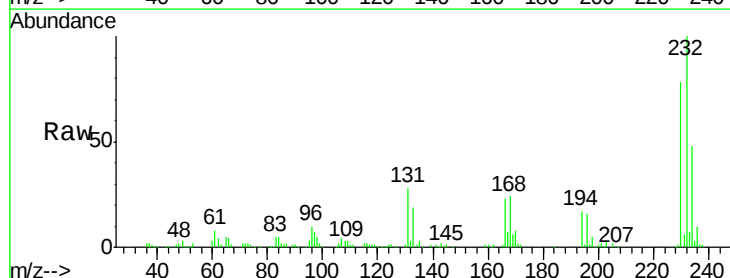
Ion Ratio Lower Upper

232 100

131 49.6 40.1 60.1

130 2.4 1.8 2.8

166 31.3 26.6 39.8

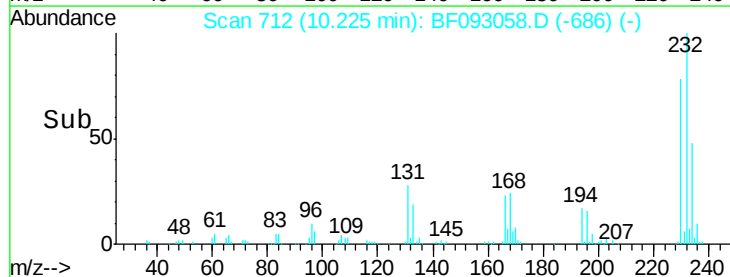
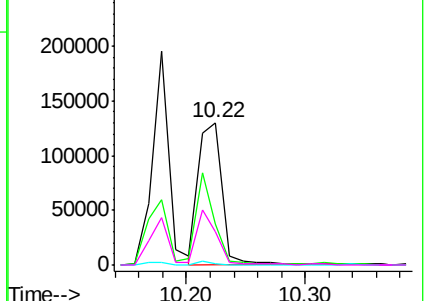


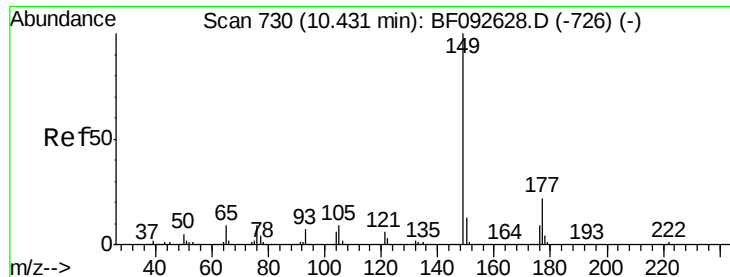
Abundance Ion 232.00 (231.70 to 232.70): E

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

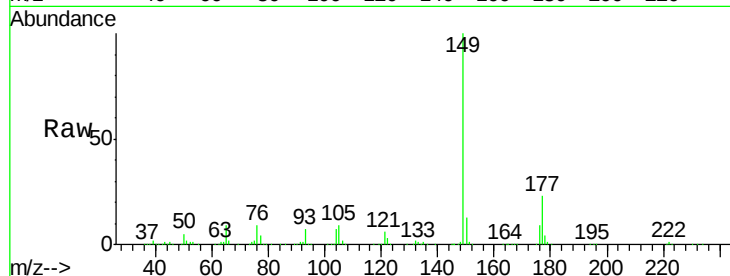




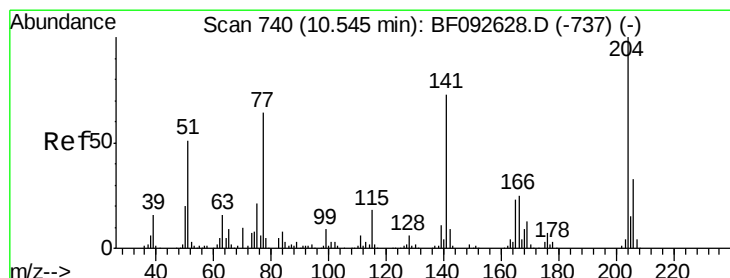
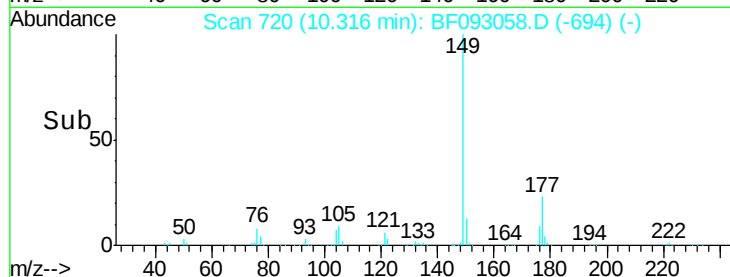
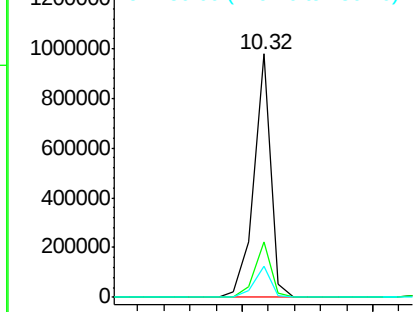
#59
Diethylphthalate
Concen: 48.07 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Tgt Ion:149 Resp: 874237
Ion Ratio Lower Upper
149 100
177 22.6 16.6 25.0
150 12.8 10.4 15.6

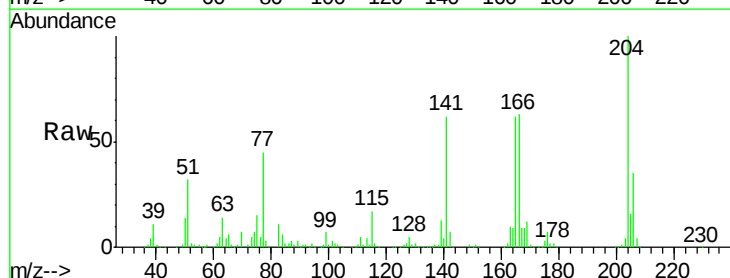


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

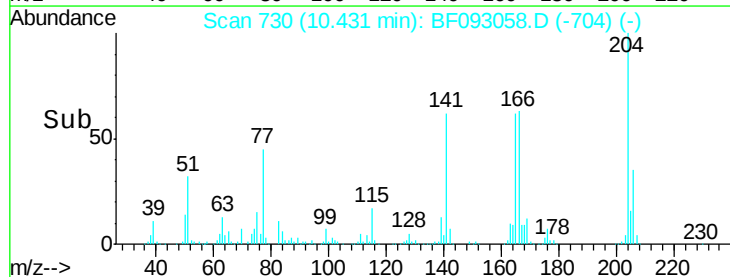
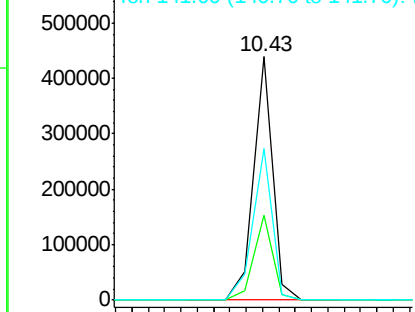


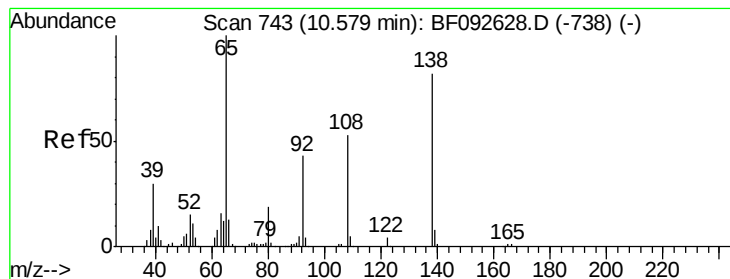
#60
4-Chlorophenyl-phenylether
Concen: 43.24 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:204 Resp: 358326
Ion Ratio Lower Upper
204 100
206 34.9 25.8 38.6
141 62.0 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: 38.96 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

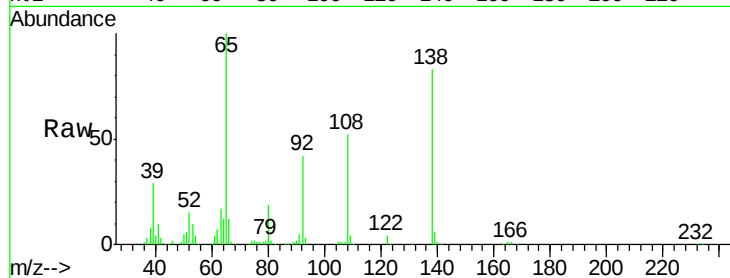
Tgt Ion:138 Resp: 190346

Ion Ratio Lower Upper

138 100

92 50.6 31.7 71.7

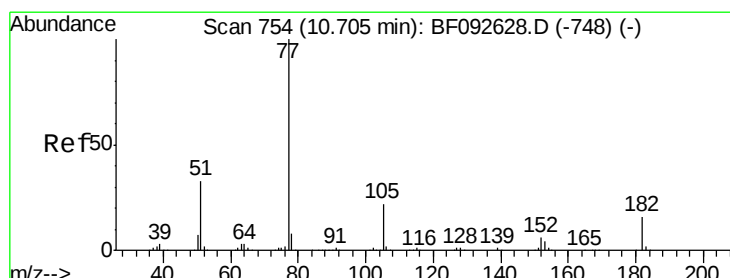
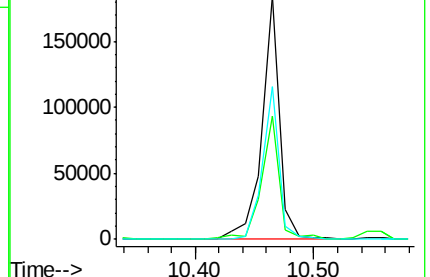
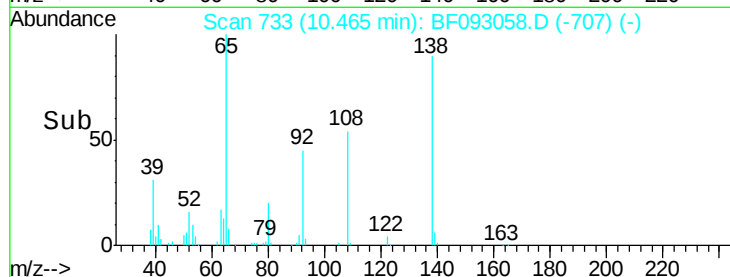
108 62.5 52.6 92.6



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: 50.66 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Tgt Ion: 77 Resp: 951858

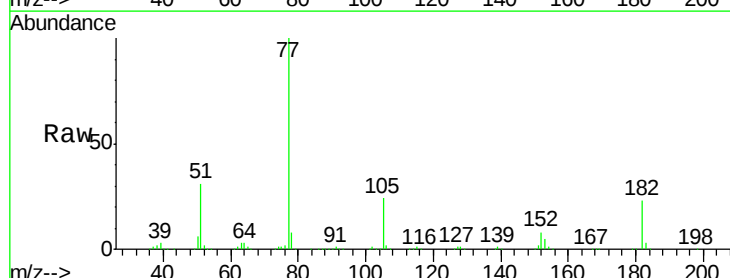
Ion Ratio Lower Upper

77 100

182 22.6 0.0 39.3

105 23.8 2.3 42.3

51 31.1 8.9 48.9

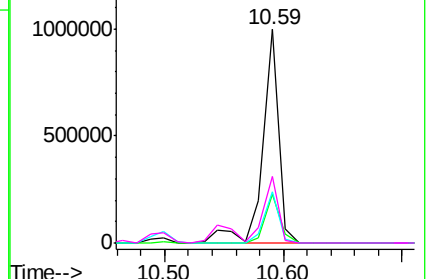
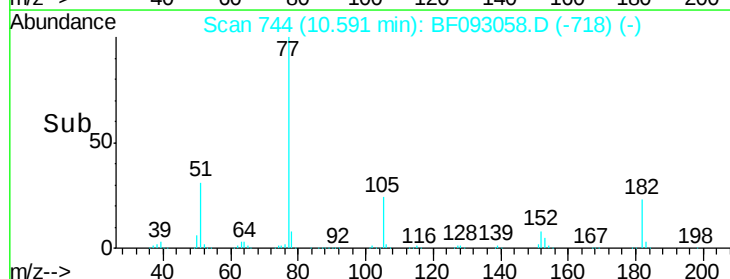


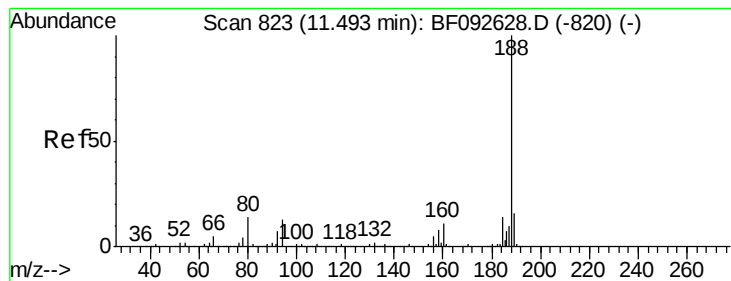
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

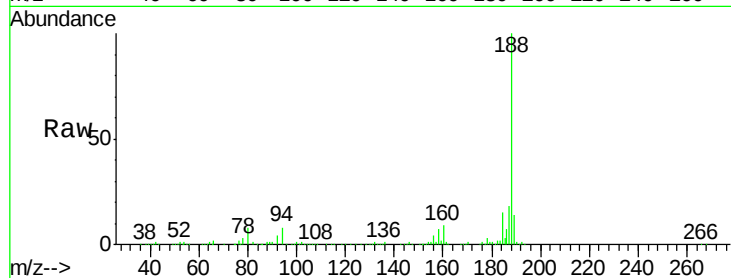
Tgt Ion:188 Resp: 470857

Ion Ratio Lower Upper

188 100

94 7.6 10.0 15.0#

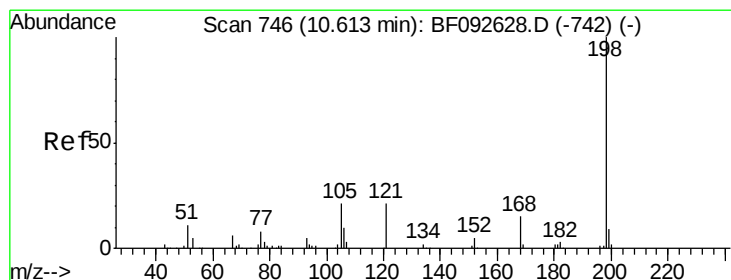
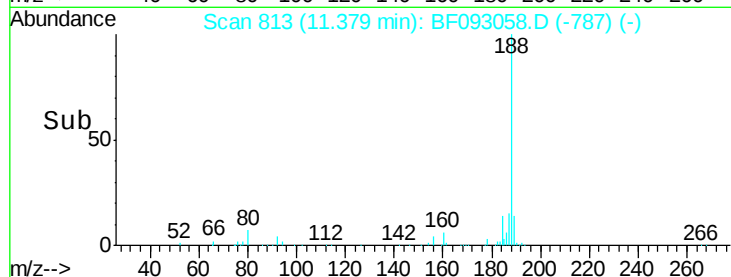
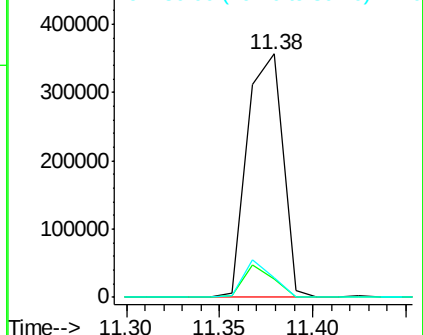
80 8.1 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.73 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

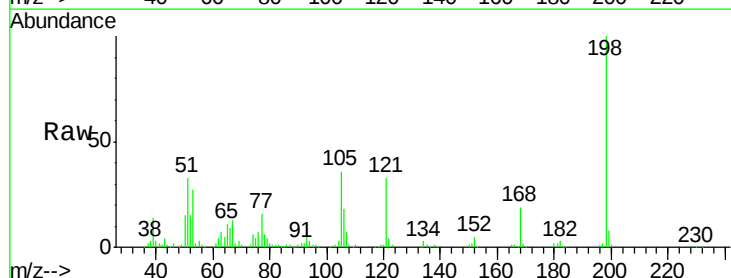
Tgt Ion:198 Resp: 133716

Ion Ratio Lower Upper

198 100

51 33.4 6.7 46.7

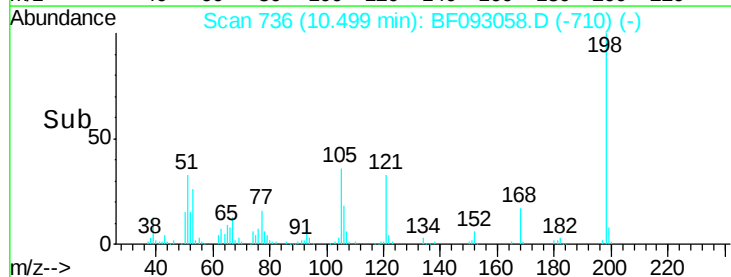
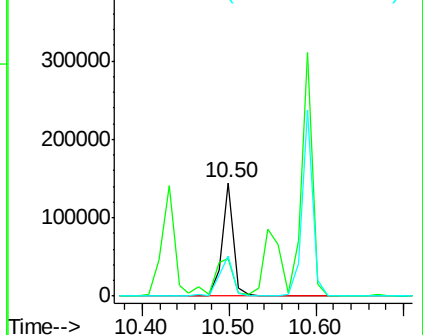
105 35.9 16.6 56.6

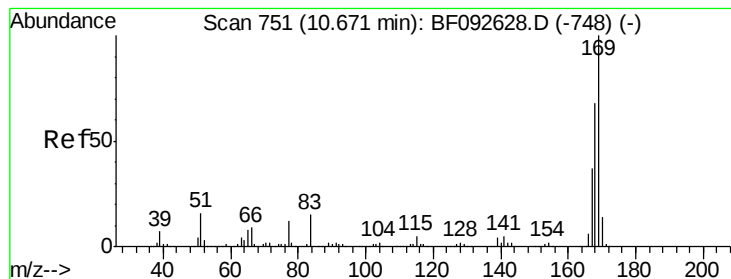


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.82 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

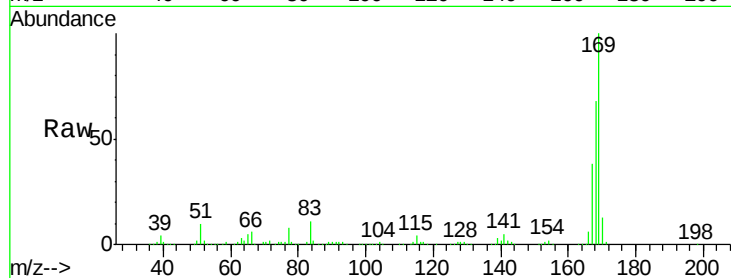
Tgt Ion:169 Resp: 749300

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

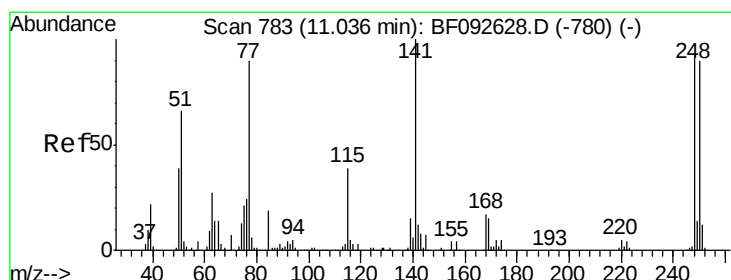
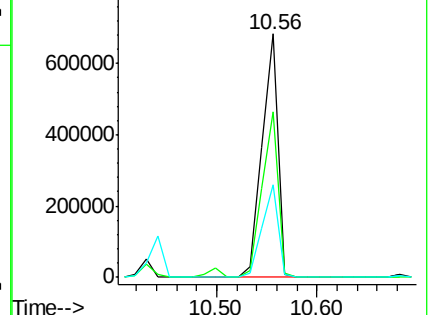
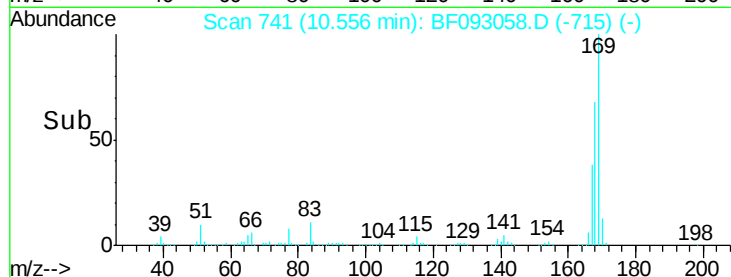
167 38.0 30.2 45.4



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: 46.50 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

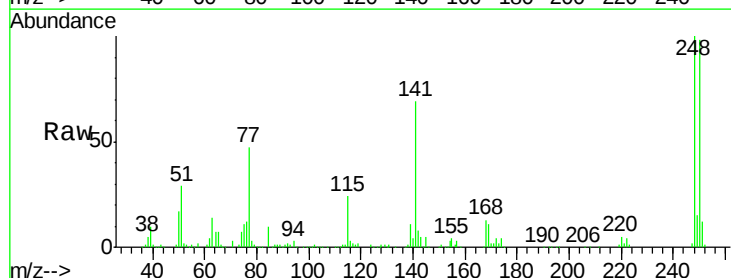
Tgt Ion:248 Resp: 228749

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

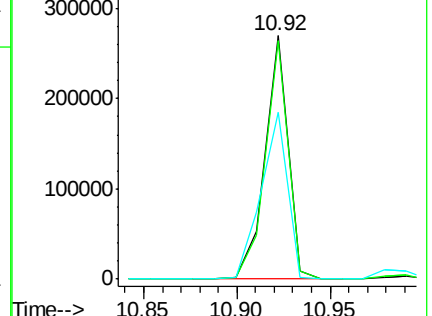
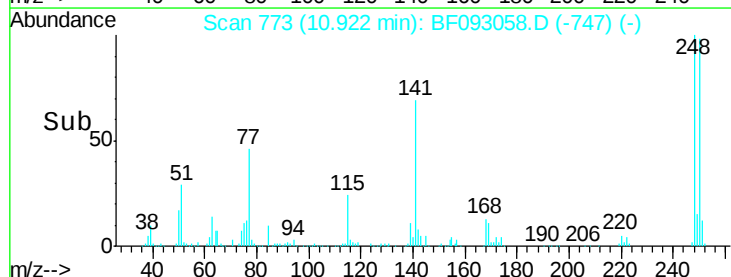
141 68.5 68.2 102.4



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

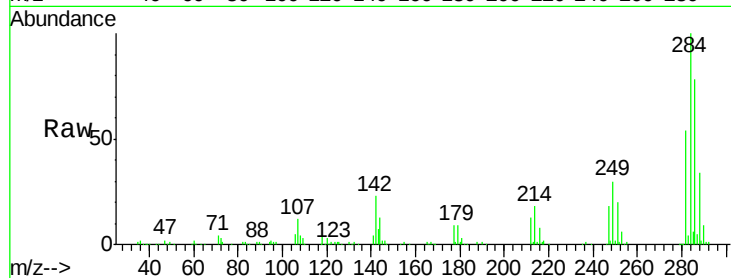




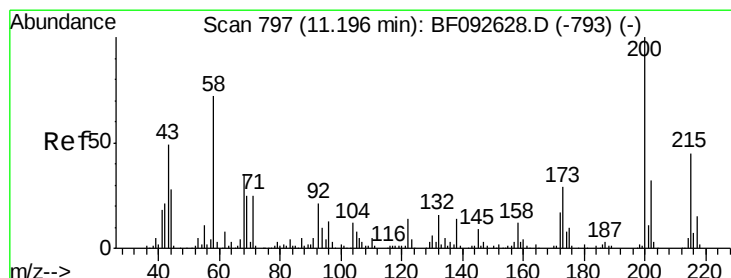
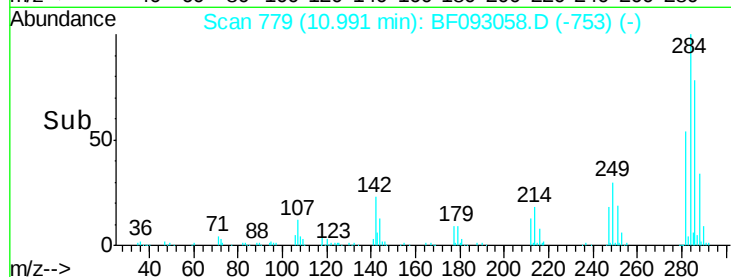
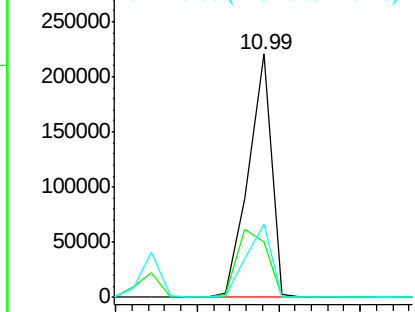
#67
Hexachlorobenzene
Concen: 44.83 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Instrument :
BNA_F
ClientSampleId :
PB97045BSD

Tgt Ion:284 Resp: 217944
Ion Ratio Lower Upper
284 100
142 22.8 22.6 33.8
249 30.0 25.4 38.0

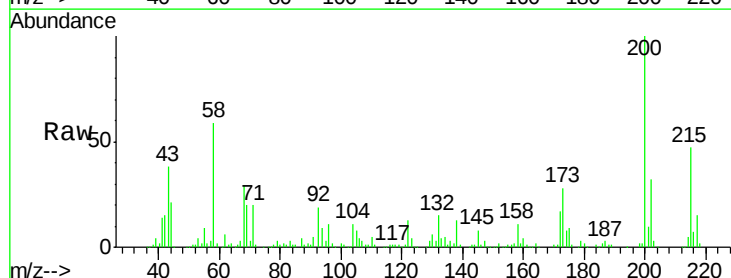


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

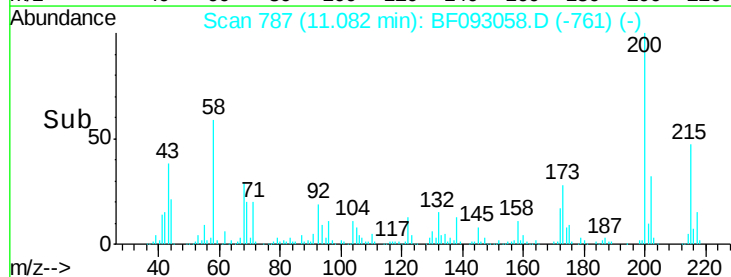
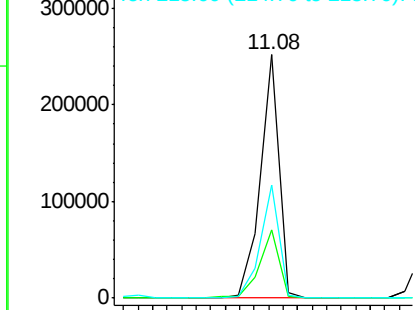


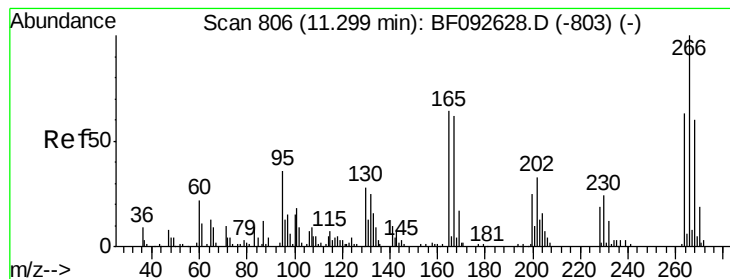
#68
Atrazine
Concen: 46.73 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:200 Resp: 225567
Ion Ratio Lower Upper
200 100
173 27.9 9.6 49.6
215 46.6 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

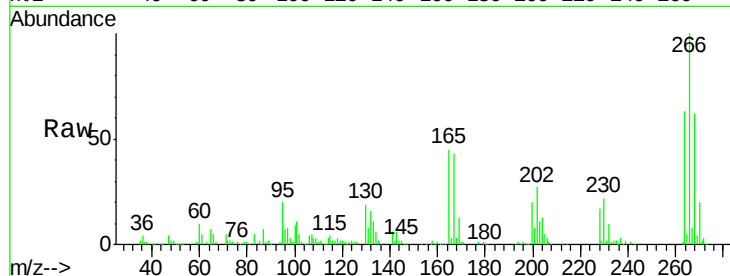




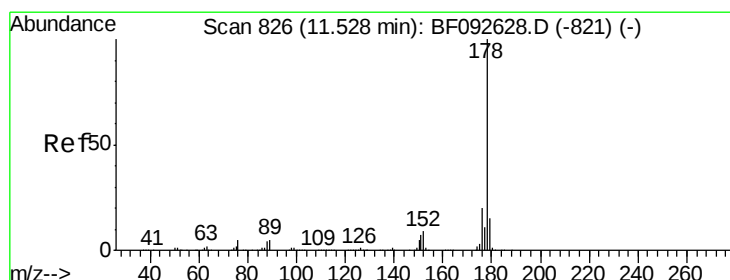
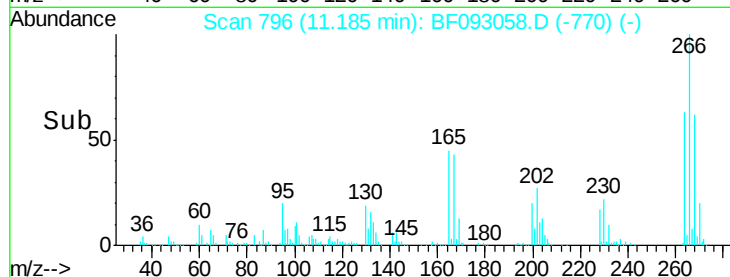
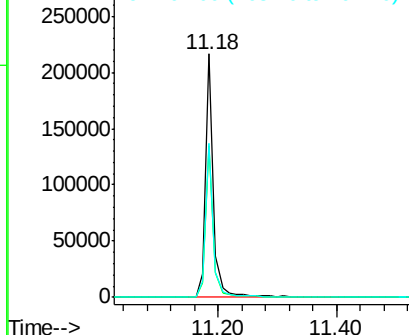
#69
 Pentachlorophenol
 Concen: 82.74 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	53.3	79.9
264	63.4	50.3	75.5

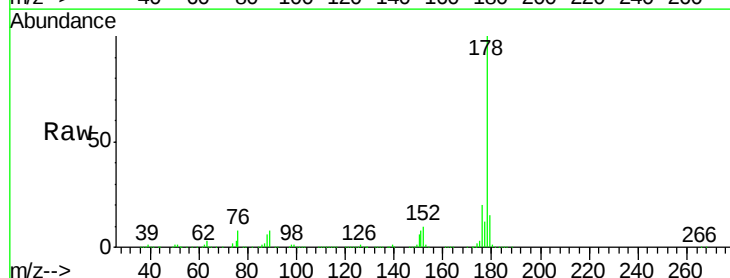


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

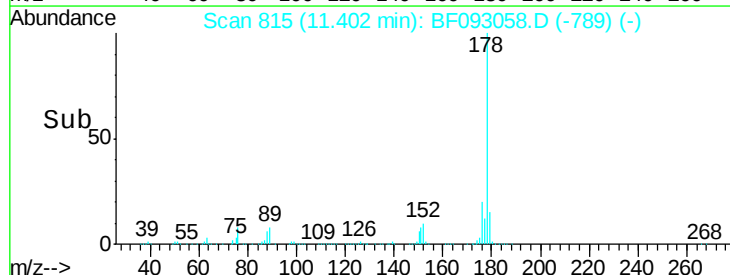
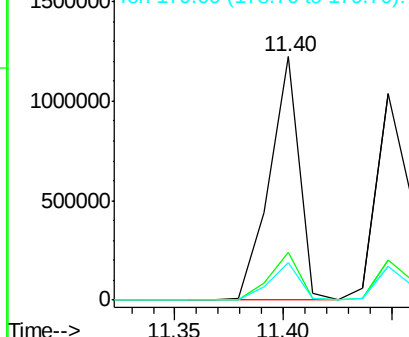


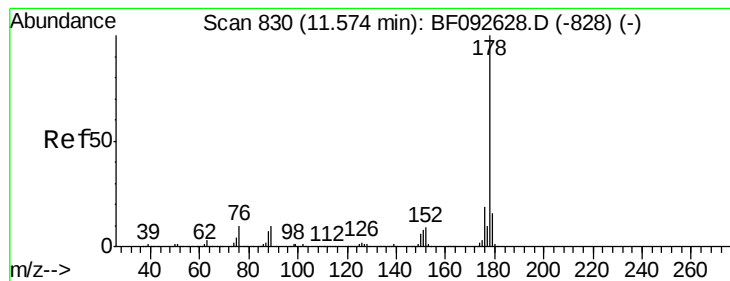
#70
 Phenanthrene
 Concen: 43.48 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.3	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: 40.81 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

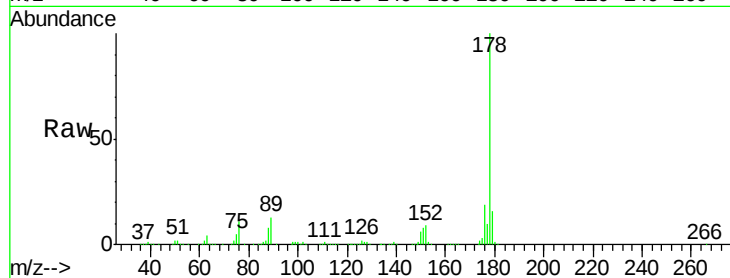
Tgt Ion:178 Resp: 1105521

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

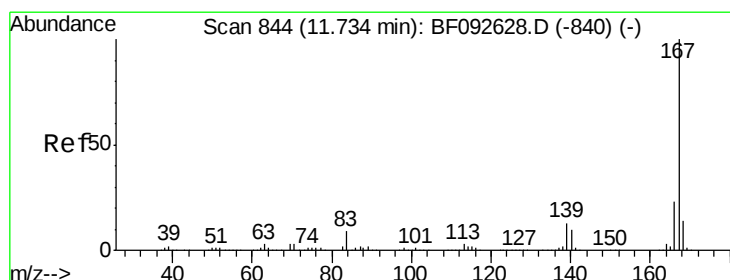
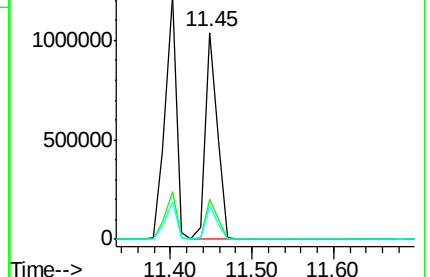
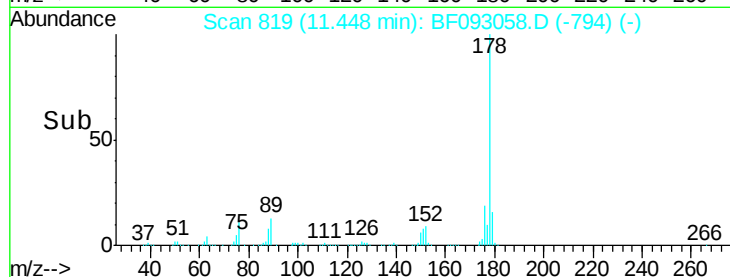
179 16.1 13.2 19.8



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: 37.93 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

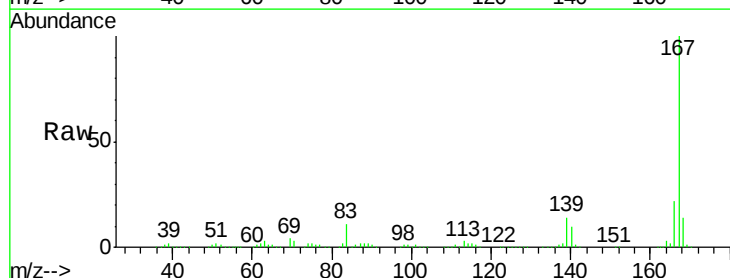
Tgt Ion:167 Resp: 982282

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

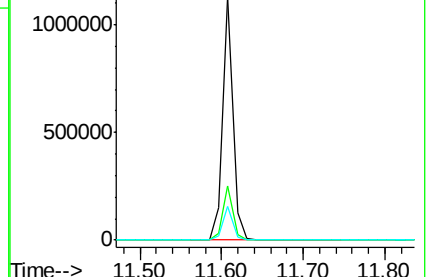
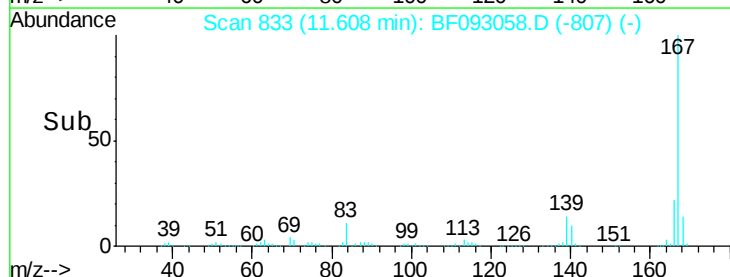
139 13.7 11.4 17.2

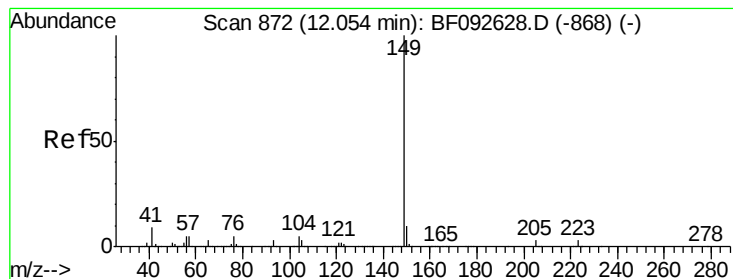


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.73 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

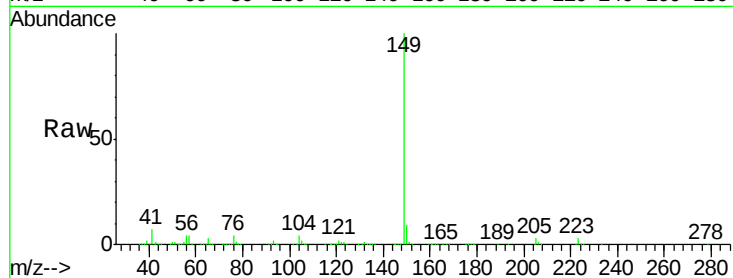
Tgt Ion:149 Resp: 1420603

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

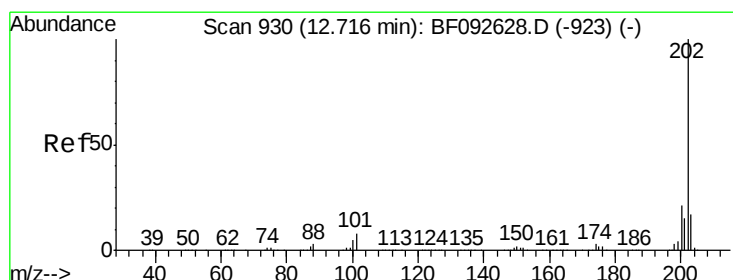
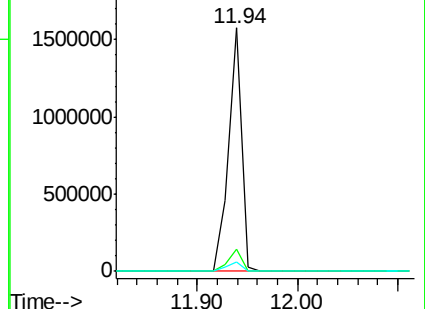
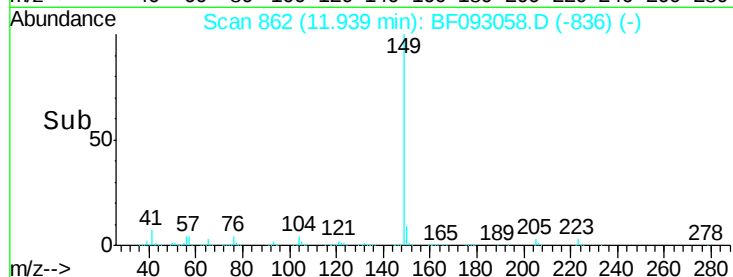
104 4.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.95 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

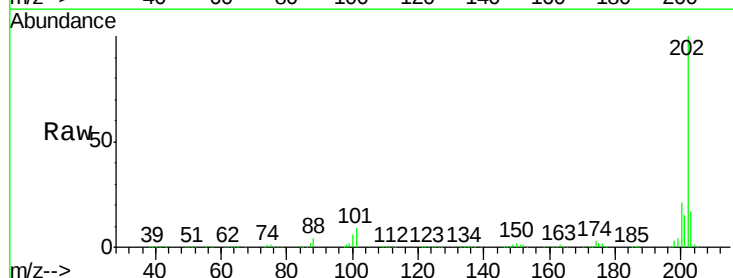
Tgt Ion:202 Resp: 1055966

Ion Ratio Lower Upper

202 100

101 8.5 0.0 34.6

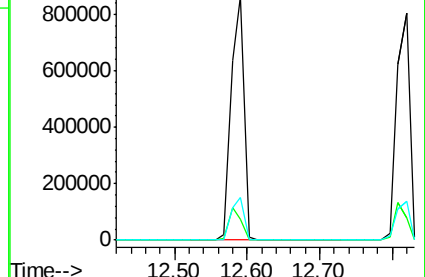
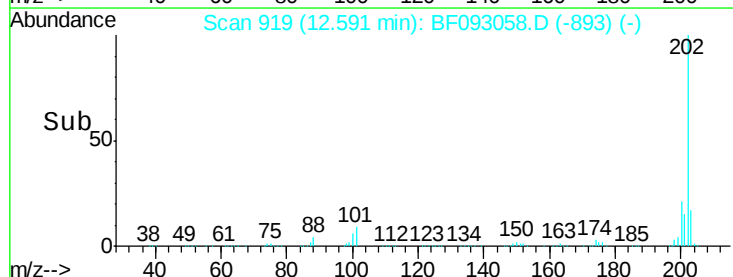
203 17.4 0.0 38.7

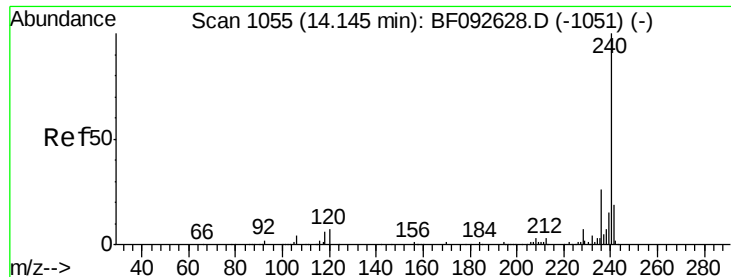


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

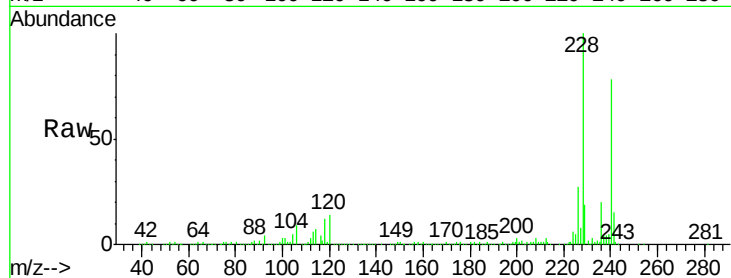
Tgt Ion:240 Resp: 281939

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

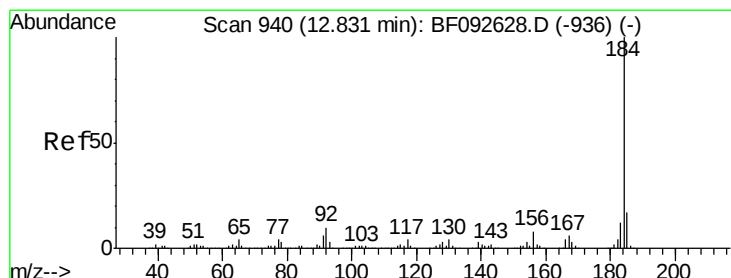
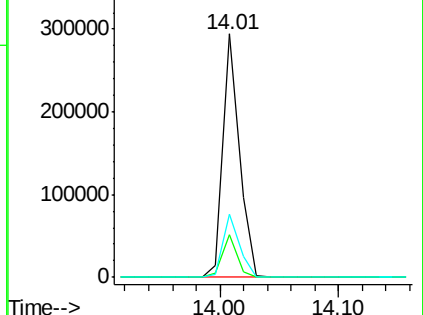
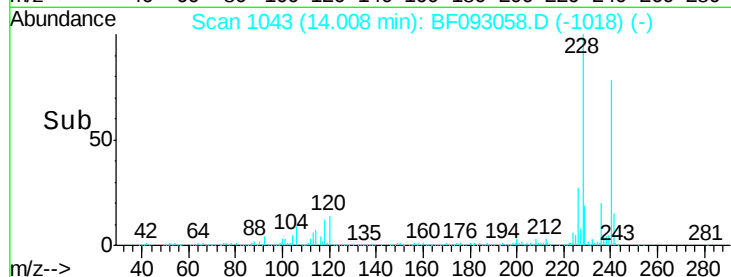
236 25.7 20.9 31.3



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: 27.56 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

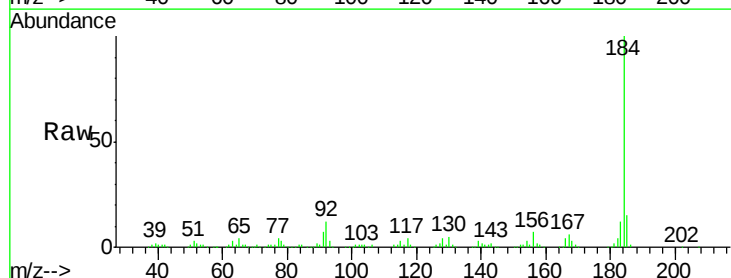
Tgt Ion:184 Resp: 331165

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

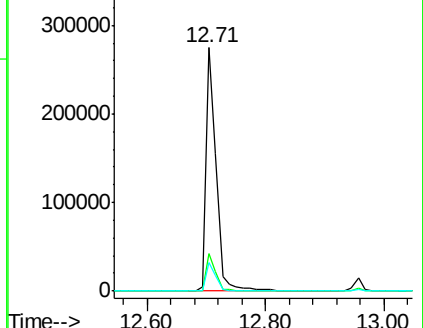
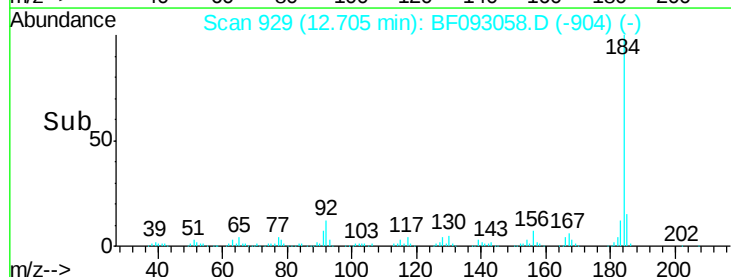
183 11.6 9.2 13.8

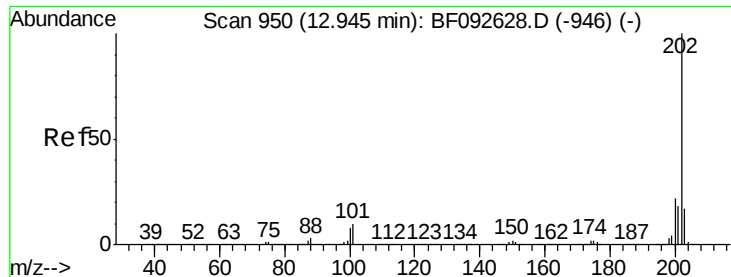


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.79 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

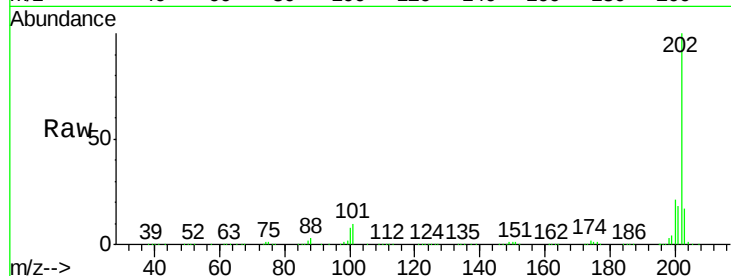
Tgt Ion:202 Resp: 1008284

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

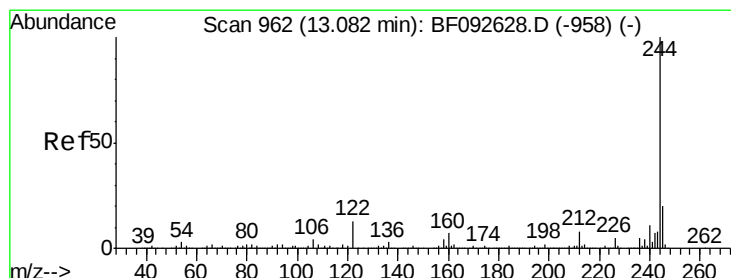
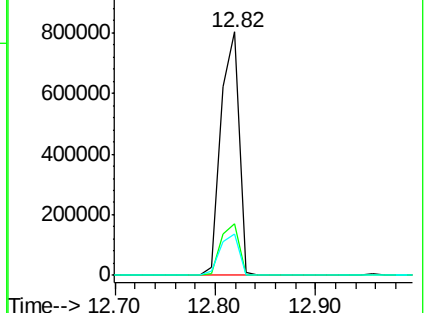
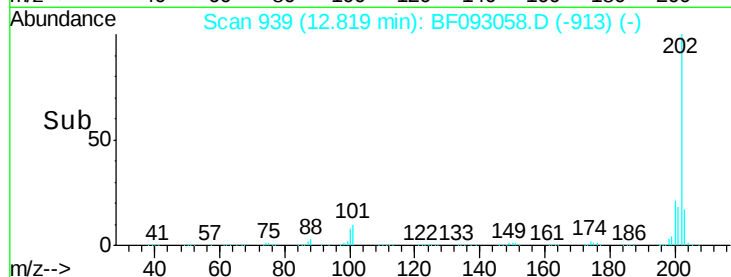
203 17.0 14.7 22.1



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: 86.29 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

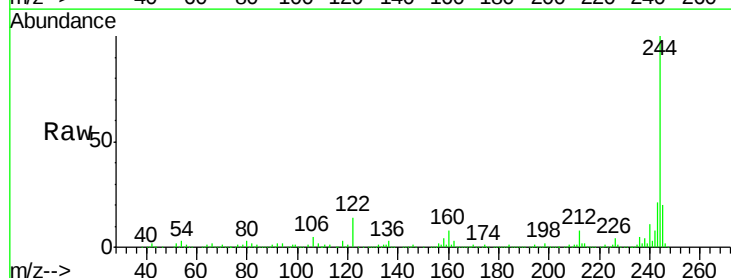
Tgt Ion:244 Resp: 1035358

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

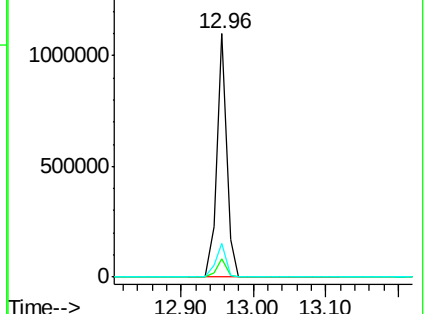
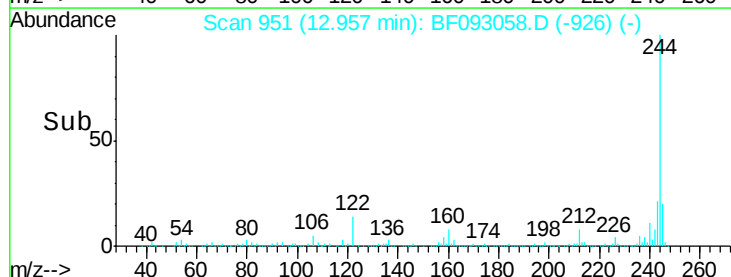
122 13.9 11.4 17.2

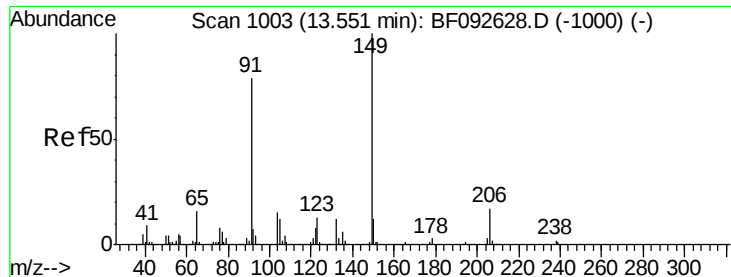


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

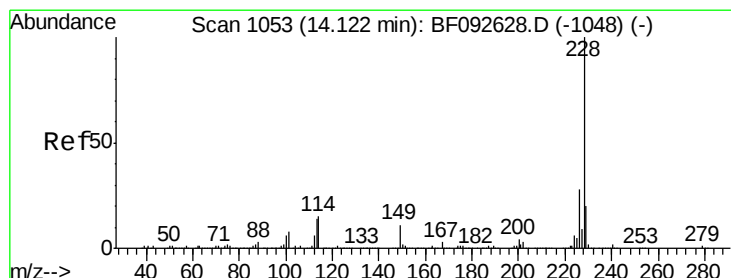
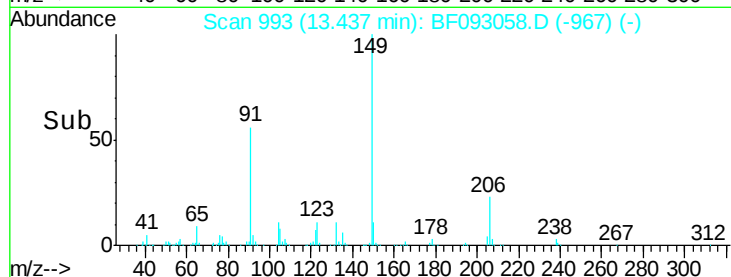
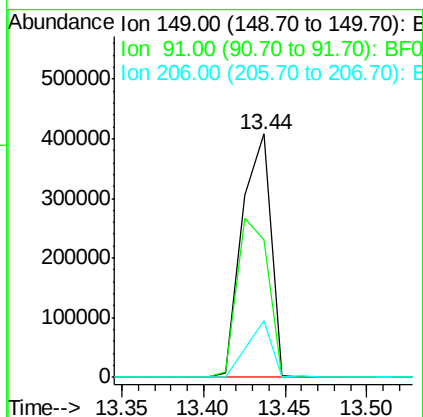
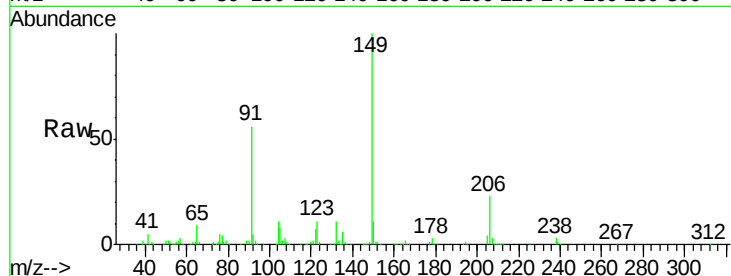




#79
Butylbenzylphthalate
Concen: 57.92 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

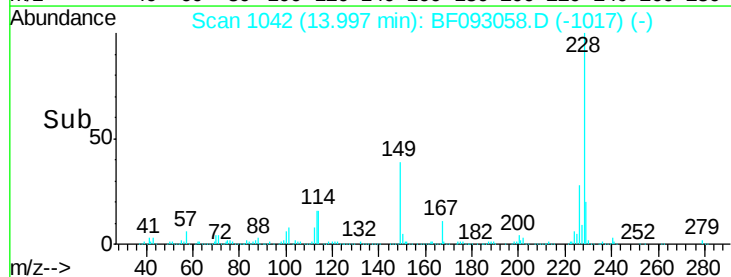
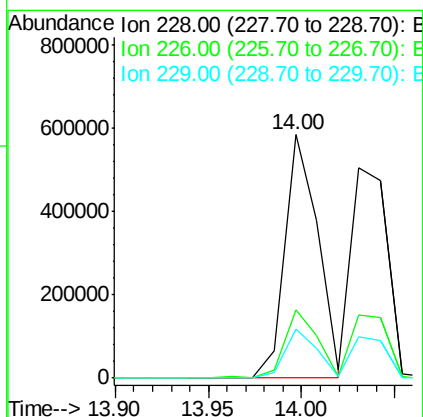
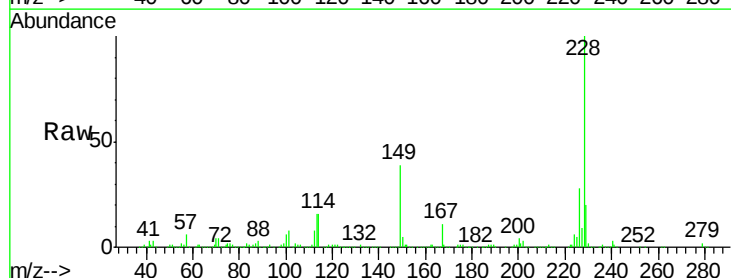
Instrument :
BNA_F
ClientSampled :
PB97045BSD

Tgt Ion:149 Resp: 496246
Ion Ratio Lower Upper
149 100
91 56.2 63.9 95.9#
206 23.3 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093058.D
Acq: 21 Feb 2017 6:45

Tgt Ion:228 Resp: 717952
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.1 16.2 24.4

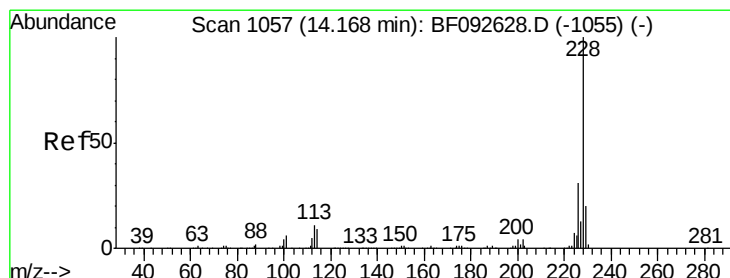
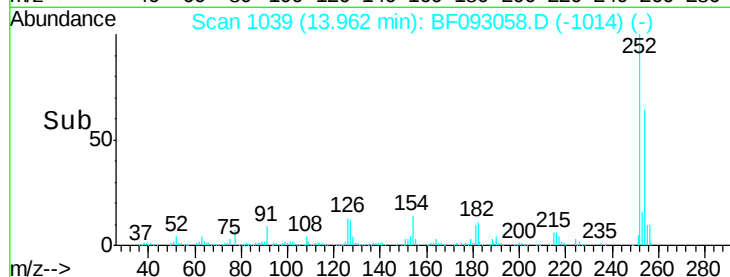
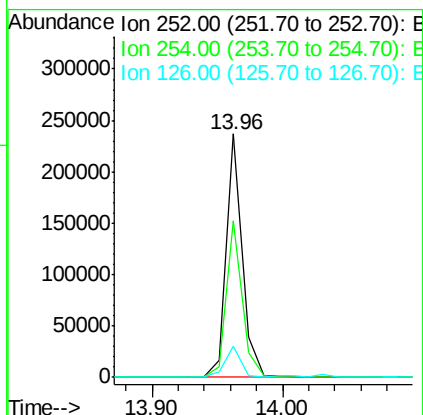
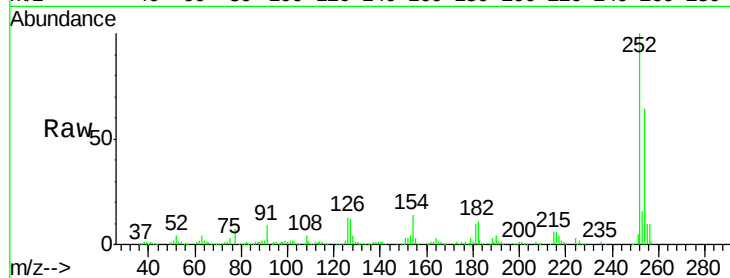




#81
 3,3'-Dichlorobenzidine
 Concen: 33.20 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

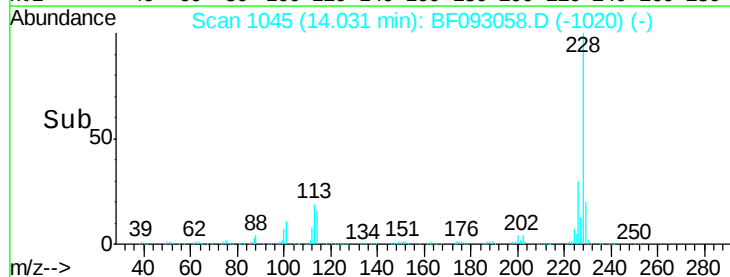
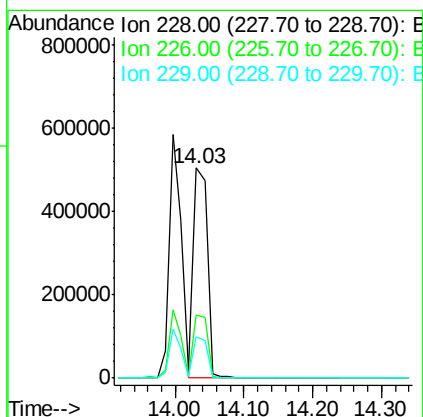
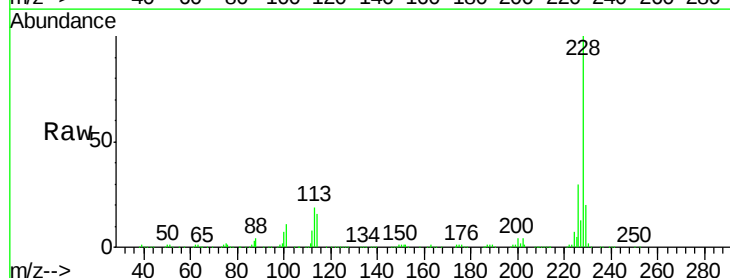
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion: 252 Resp: 204064
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 12.8 13.6 20.4#



#82
 Chrysene
 Concen: 42.85 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion: 228 Resp: 691793
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.0
 229 19.8 16.2 24.2

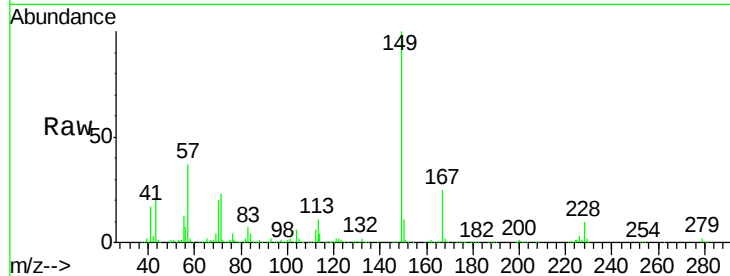




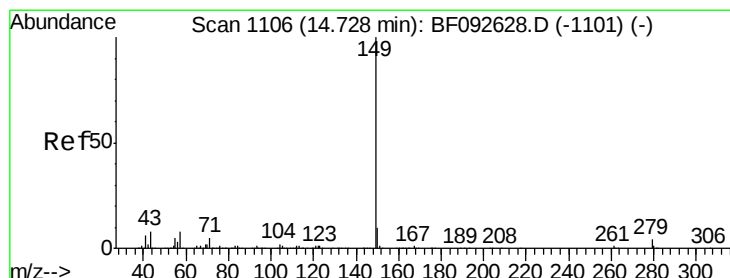
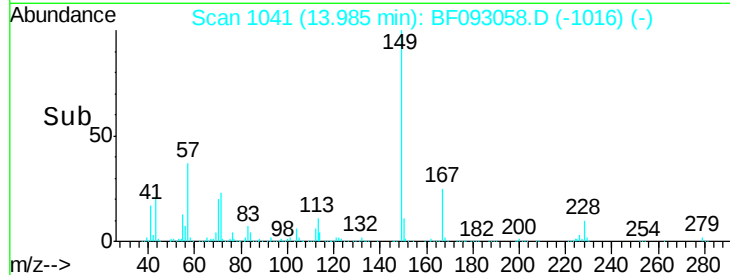
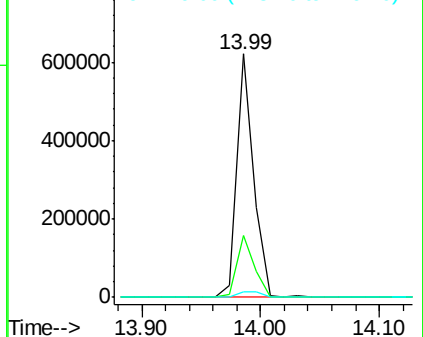
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.23 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

Tgt Ion:149 Resp: 612066
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 2.2 1.8 2.8

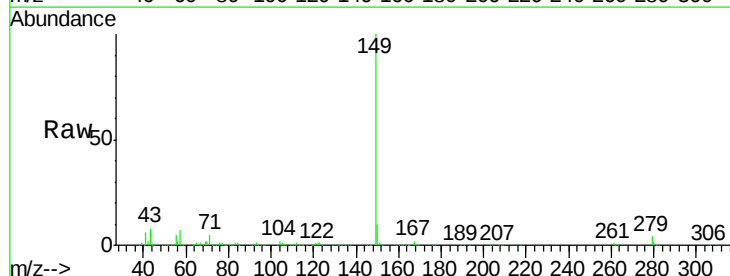


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

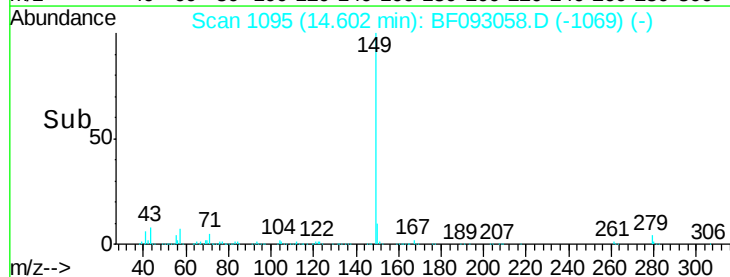
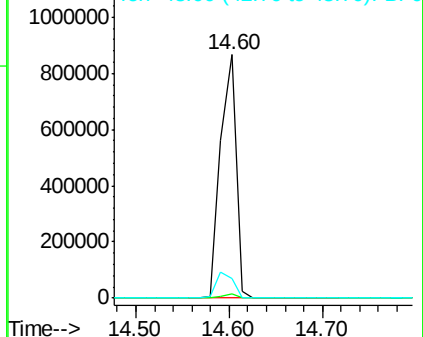


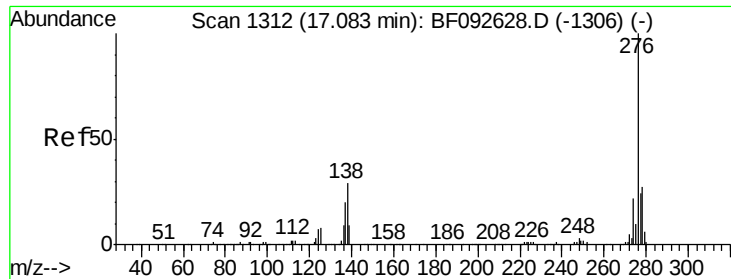
#84
 Di-n-octyl phthalate
 Concen: 52.73 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion:149 Resp: 1006097
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 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

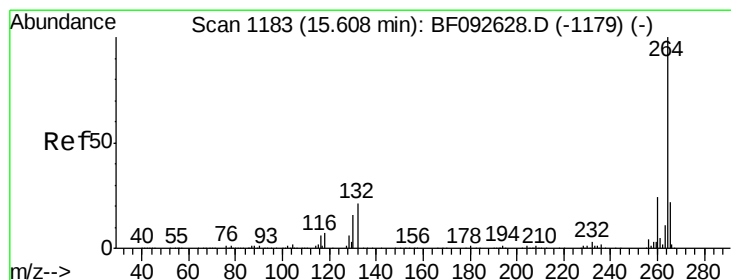
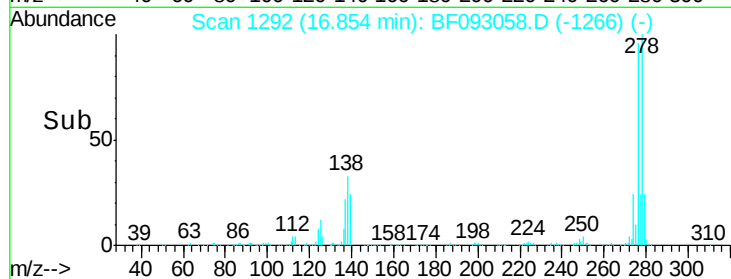
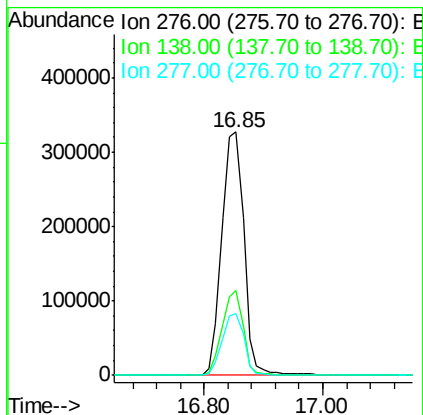
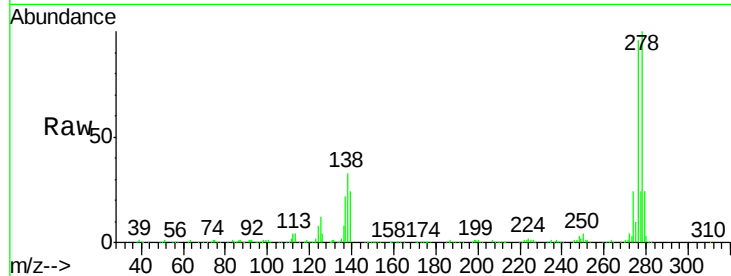




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.08 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

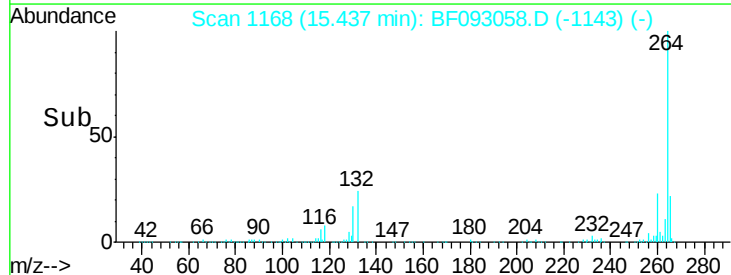
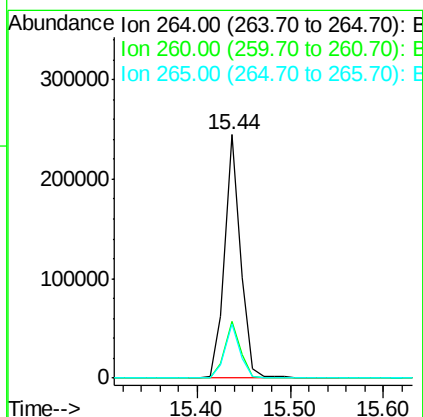
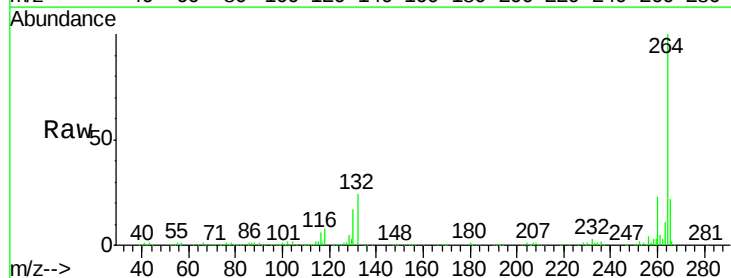
Instrument :
 BNA_F
 ClientSampleId :
 PB97045BSD

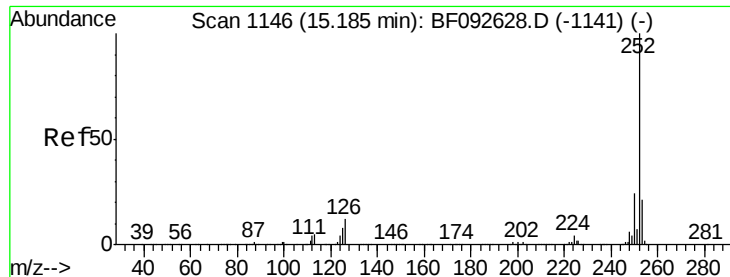
Tgt Ion: 276 Resp: 851400
 Ion Ratio Lower Upper
 276 100
 138 33.3 21.8 32.6#
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093058.D
 Acq: 21 Feb 2017 6:45

Tgt Ion: 264 Resp: 291106
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 74.94 ng

RT: 15.06 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

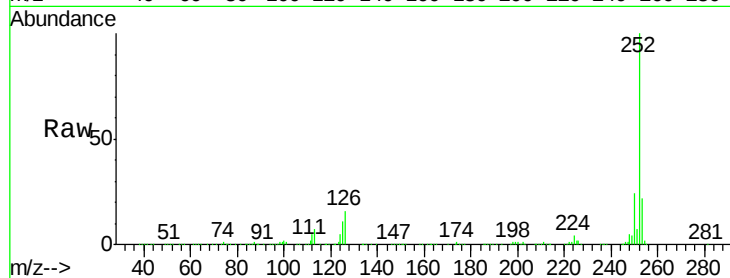
Tgt Ion:252 Resp: 1435907

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

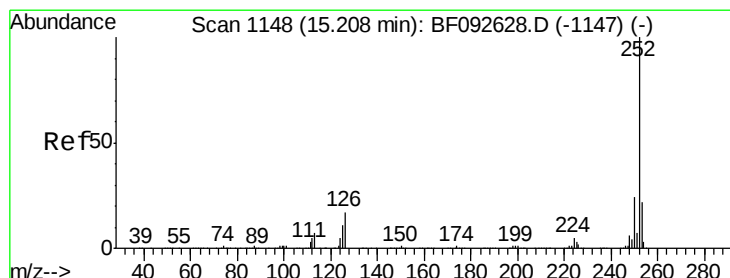
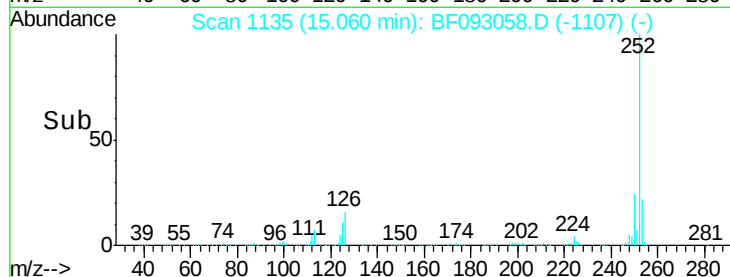
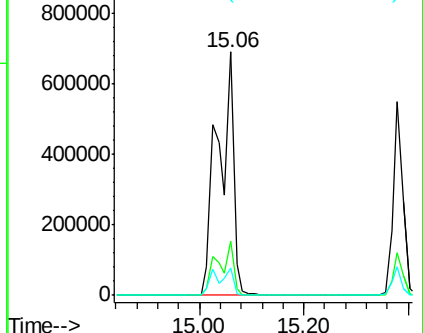
125 11.1 9.8 14.6



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: 86.80 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

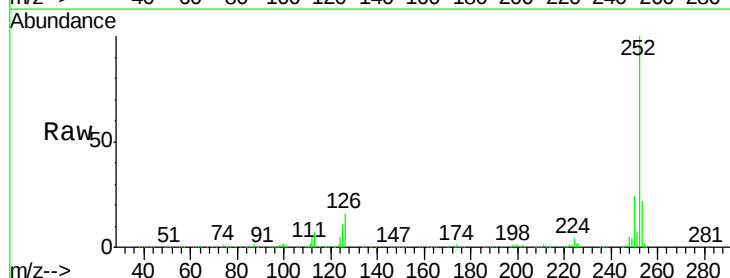
Tgt Ion:252 Resp: 1435907

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

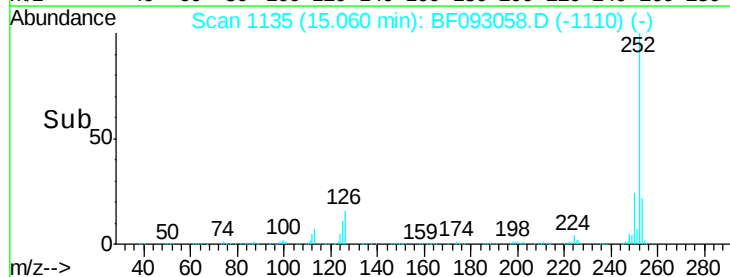
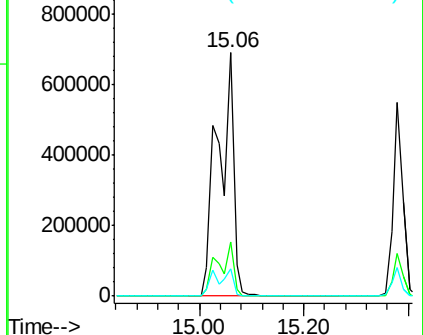
125 11.1 8.9 13.3



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: 43.56 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD

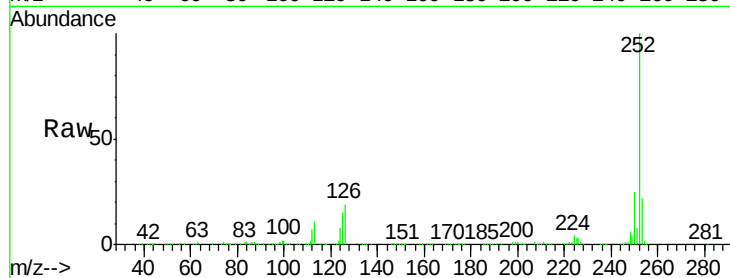
Tgt Ion: 252 Resp: 721967

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

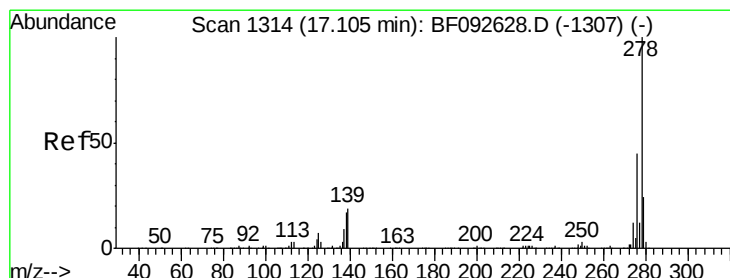
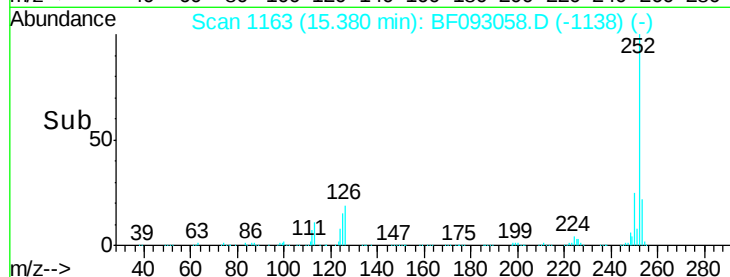
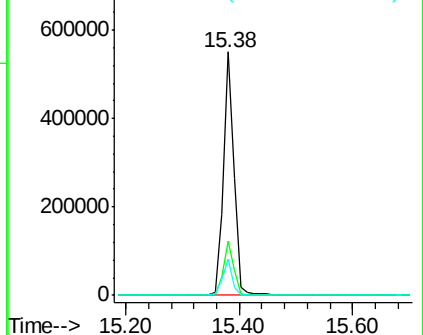
125 14.7 10.0 15.0



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: 53.01 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF093058.D

Acq: 21 Feb 2017 6:45

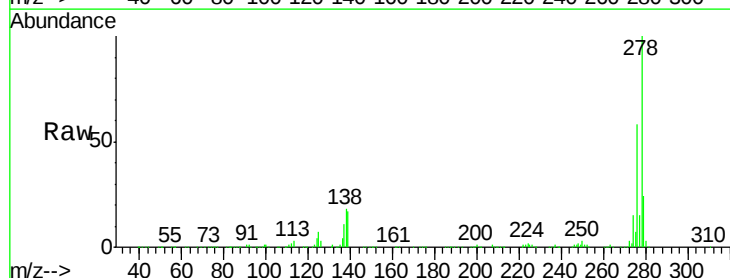
Tgt Ion: 278 Resp: 710076

Ion Ratio Lower Upper

278 100

139 17.3 14.8 22.2

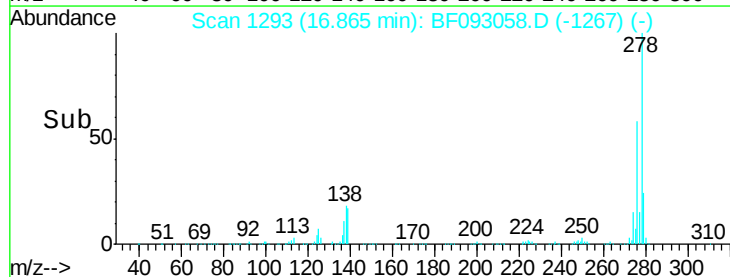
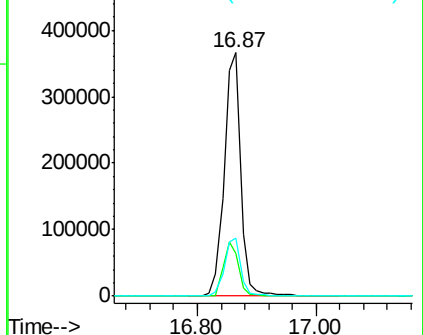
279 23.7 19.8 29.6

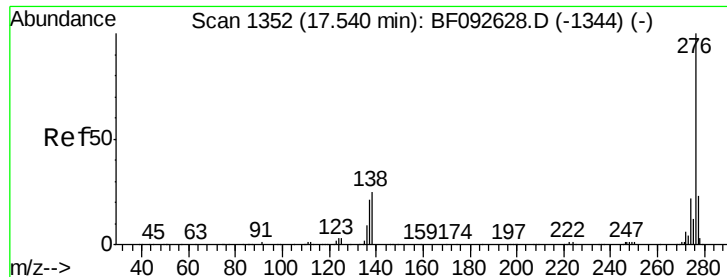


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.91 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF093058.D

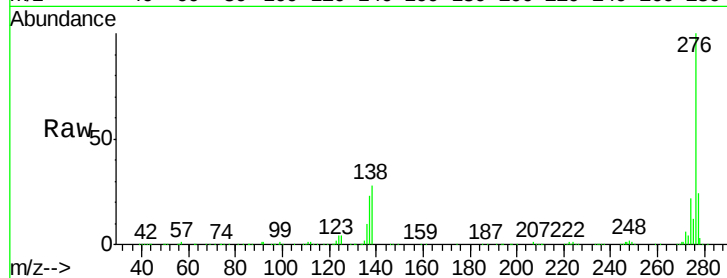
Acq: 21 Feb 2017 6:45

Instrument :

BNA_F

ClientSampleId :

PB97045BSD



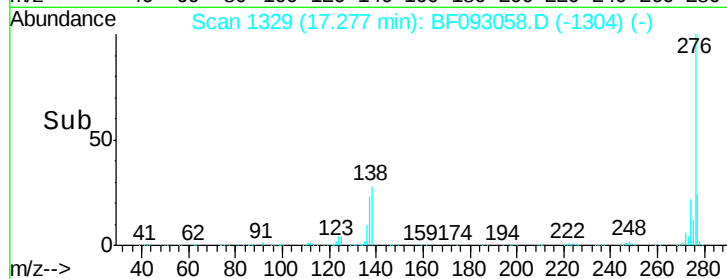
Tgt Ion: 276 Resp: 729464

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 27.9 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

