

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092284.D
 Acq On : 16 Jan 2017 14:33
 Operator : UM/SJ
 Sample : PB95965BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Quant Time: Jan 17 00:41:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	255551	20.00	ng	-0.08
21) Naphthalene-d8	7.86	136	997285	20.00	ng	-0.08
38) Acenaphthene-d10	9.60	164	538980	20.00	ng	-0.08
63) Phenanthrene-d10	11.08	188	968497	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	646036	20.00	ng	-0.08
86) Perylene-d12	15.06	264	750941	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	1990870	130.08	ng	-0.07
7) Phenol-d6	6.24	99	2572888	137.69	ng	-0.07
23) Nitrobenzene-d5	7.15	82	1605118	89.50	ng	-0.07
41) 2,4,6-Tribromophenol	10.39	330	574583	128.82	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2513893	97.46	ng	-0.08
78) Terphenyl-d14	12.66	244	2509439	94.21	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	271206	35.99	ng	97
3) Pyridine	2.69	79	809038	30.76	ng	97
4) n-Nitrosodimethylamine	2.67	42	362880	36.58	ng	97
6) Aniline	6.23	93	636704	26.23	ng	# 56
8) 2-Chlorophenol	6.36	128	780808	44.85	ng	92
9) Benzaldehyde	6.11	77	33547	2.18	ng	90
10) Phenol	6.26	94	1064417	49.99	ng	# 63
11) bis(2-Chloroethyl)ether	6.31	93	724888	42.79	ng	99
12) 1,3-Dichlorobenzene	6.51	146	784434	42.21	ng	99
13) 1,4-Dichlorobenzene	6.58	146	765523	40.47	ng	99
14) 1,2-Dichlorobenzene	6.74	146	645031	39.30	ng	98
15) Benzyl Alcohol	6.74	79	612040	42.15	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1007672	39.94	ng	# 39
17) 2-Methylphenol	6.86	107	609108	43.50	ng	# 91
18) Hexachloroethane	7.07	117	274922	39.20	ng	# 85
19) n-Nitroso-di-n-propylamine	7.00	70	523105	42.08	ng	98
20) 3+4-Methylphenols	7.02	107	855046	51.20	ng	# 71
22) Acetophenone	6.99	105	1090905	44.35	ng	# 92
24) Nitrobenzene	7.16	77	754351	39.49	ng	96
25) Isophorone	7.41	82	1523861	46.05	ng	99
26) 2-Nitrophenol	7.48	139	431153	45.77	ng	92
27) 2,4-Dimethylphenol	7.54	122	642626	41.13	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	939603	46.83	ng	99
29) 2,4-Dichlorophenol	7.73	162	625118	47.25	ng	91
30) 1,2,4-Trichlorobenzene	7.80	180	619080	42.70	ng	95
31) Naphthalene	7.88	128	2120504	46.46	ng	99
32) Benzoic acid	7.72	122	502486	43.36	ng	97
33) 4-Chloroaniline	7.94	127	414635	20.15	ng	98
34) Hexachlorobutadiene	7.99	225	320118	41.83	ng	99
35) Caprolactam	8.32	113	121664	27.98	ng	# 67
36) 4-Chloro-3-methylphenol	8.45	107	688065	45.20	ng	98
37) 2-Methylnaphthalene	8.56	142	1299788	48.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	592157	43.49	ng	98
40) Hexachlorocyclopentadiene	8.72	237	463344	76.58	ng	99

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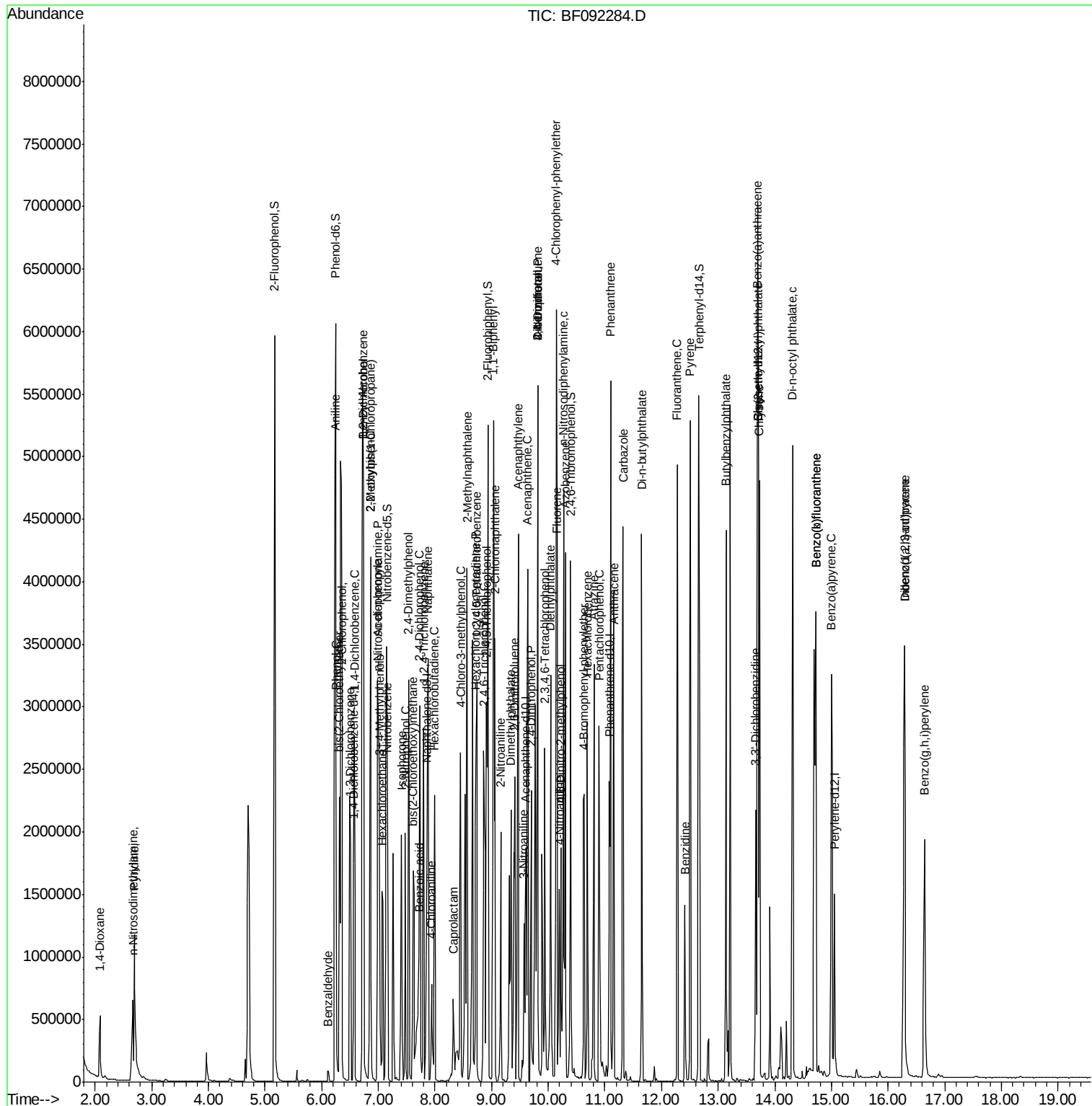
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42) 2,4,6-Trichlorophenol	8.86	196	411311	43.19	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	380981	38.87	ng	96
45) 1,1'-Biphenyl	9.03	154	1730048	46.88	ng	98
46) 2-Chloronaphthalene	9.06	162	1311794	44.89	ng	99
47) 2-Nitroaniline	9.16	65	398189	38.27	ng	99
48) Acenaphthylene	9.47	152	1967281	43.77	ng	99
49) Dimethylphthalate	9.34	163	1574981	45.69	ng	99
50) 2,6-Dinitrotoluene	9.41	165	377327	50.01	ng	99
51) Acenaphthene	9.64	154	1326168	43.52	ng	99
52) 3-Nitroaniline	9.57	138	216282	23.16	ng	98
53) 2,4-Dinitrophenol	9.70	184	406996	96.94	ng	# 81
54) Dibenzofuran	9.81	168	1820213	44.23	ng	97
55) 4-Nitrophenol	9.81	139	1223858	193.04	ng	# 9
56) 2,4-Dinitrotoluene	9.81	165	386797	40.84	ng	# 63
57) Fluorene	10.15	166	1540777	51.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	371334	47.90	ng	97
59) Diethylphthalate	10.04	149	1493668	44.62	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	584973	44.62	ng	96
61) 4-Nitroaniline	10.20	138	493881	51.04	ng	82
62) Azobenzene	10.30	77	1848339	50.15	ng	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	291521	49.78	ng	# 42
65) n-Nitrosodiphenylamine	10.27	169	1282738	44.63	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	485225	48.16	ng	# 81
67) Hexachlorobenzene	10.69	284	459561	42.68	ng	# 83
68) Atrazine	10.80	200	407804	43.99	ng	98
69) Pentachlorophenol	10.90	266	419949	79.48	ng	98
70) Phenanthrene	11.10	178	2167020	41.26	ng	99
71) Anthracene	11.16	178	2309070	52.63	ng	98
72) Carbazole	11.32	167	2270233	68.32	ng	99
73) Di-n-butylphthalate	11.65	149	2380167	48.12	ng	99
74) Fluoranthene	12.28	202	2050226	44.45	ng	99
76) Benzidine	12.42	184	851122	54.21	ng	95
77) Pyrene	12.51	202	2276550	48.03	ng	99
79) Butylbenzylphthalate	13.14	149	1013986	47.04	ng	99
80) Benzo(a)anthracene	13.70	228	1852690	50.80	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	431211	31.18	ng	98
82) Chrysene	13.73	228	1682226	45.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	1327685	52.30	ng	# 94
84) Di-n-octyl phthalate	14.31	149	2580921	54.88	ng	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	1785338	56.34	ng	98
87) Benzo(b)fluoranthene	14.73	252	3778602	80.82	ng	# 96
88) Benzo(k)fluoranthene	14.73	252	3779061	94.79	ng	# 97
89) Benzo(a)pyrene	15.00	252	1793424	43.22	ng	98
90) Dibenzo(a,h)anthracene	16.29	278	1449301	42.49	ng	98
91) Benzo(g,h,i)perylene	16.65	276	1561886	44.04	ng	# 92

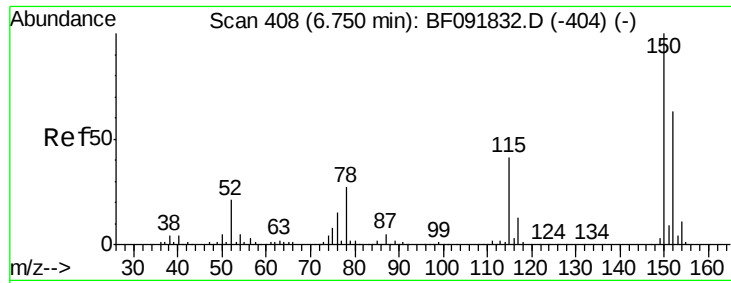
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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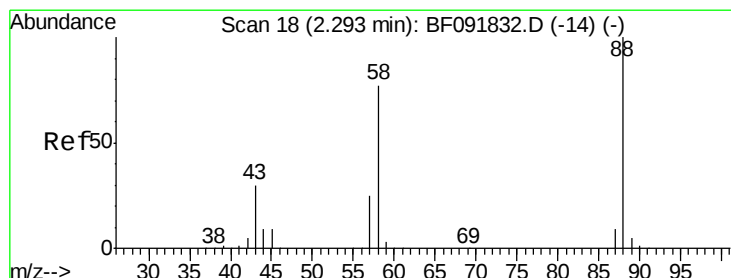
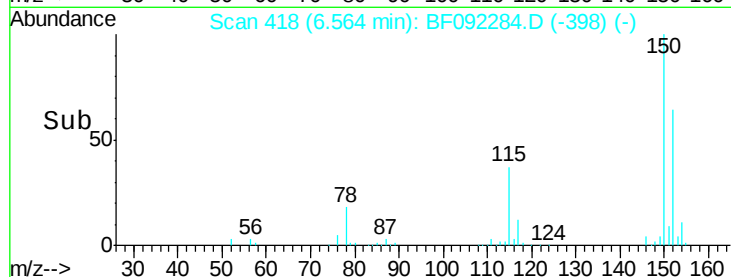
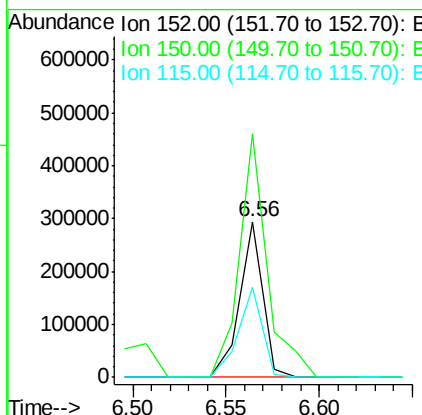
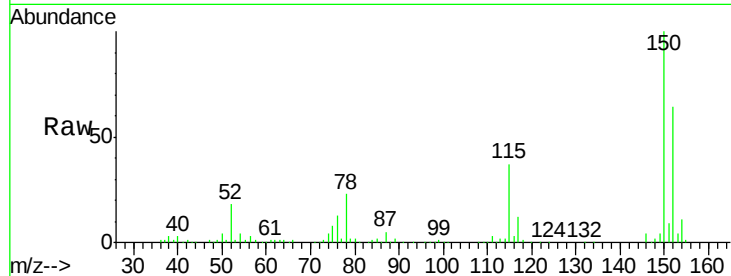




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 418
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

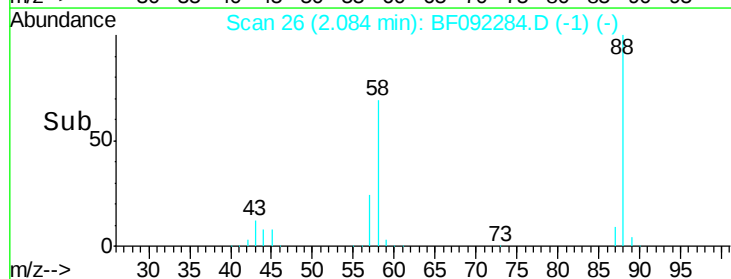
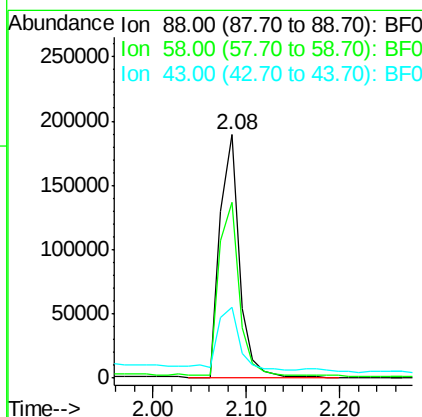
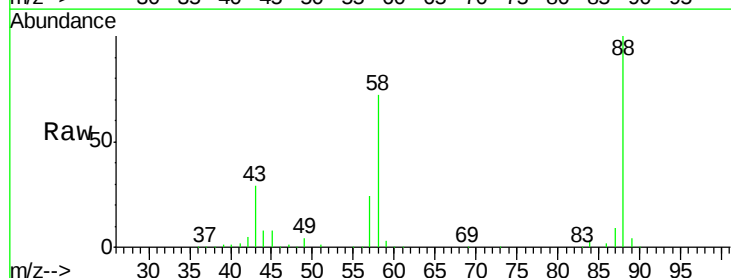
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

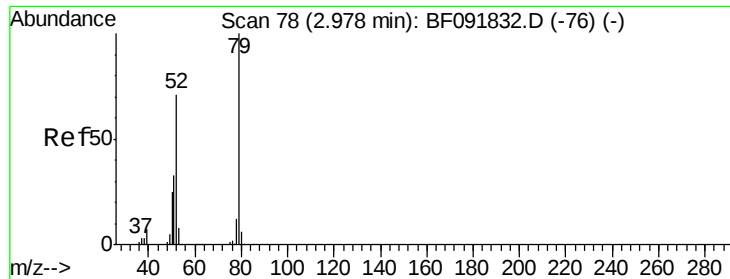
Tgt Ion: 152 Resp: 255551
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.9 187.3
 115 58.1 46.0 69.0



#2
 1,4-Dioxane
 Concen: 35.99 ng
 RT: 2.08 min Scan# 26
 Delta R.T. 0.00 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion: 88 Resp: 271206
 Ion Ratio Lower Upper
 88 100
 58 74.7 57.8 86.8
 43 29.2 22.3 33.5





#3

Pyridine

Concen: 30.76 ng

RT: 2.69 min Scan# 79

Delta R.T. -0.04 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

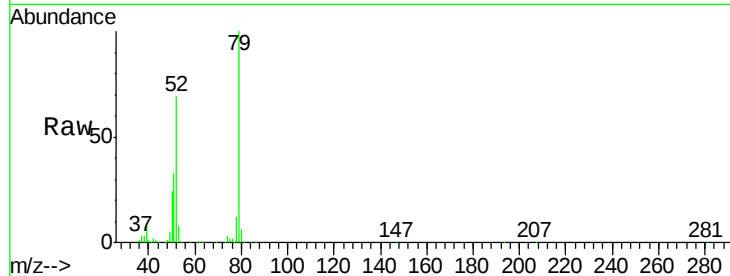
Tgt Ion: 79 Resp: 809038

Ion Ratio Lower Upper

79 100

52 69.0 57.1 85.7

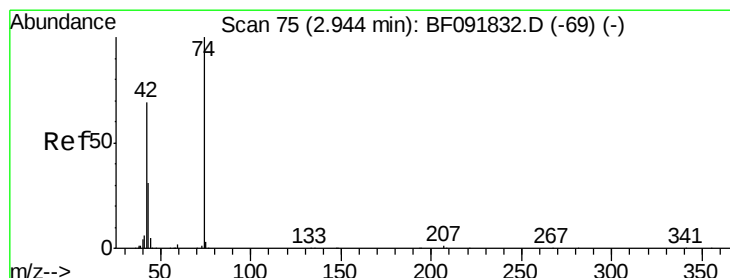
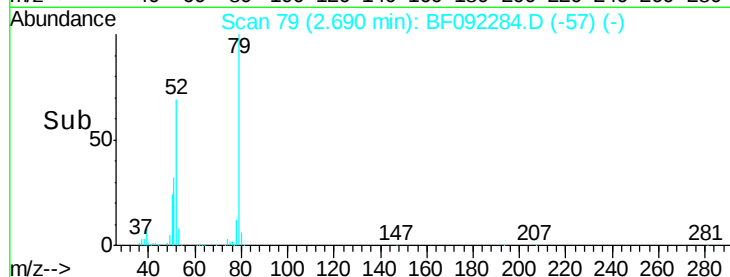
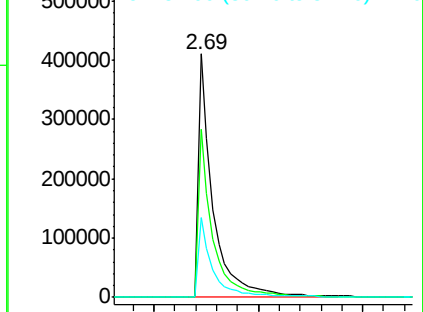
51 32.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.58 ng

RT: 2.67 min Scan# 77

Delta R.T. -0.02 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

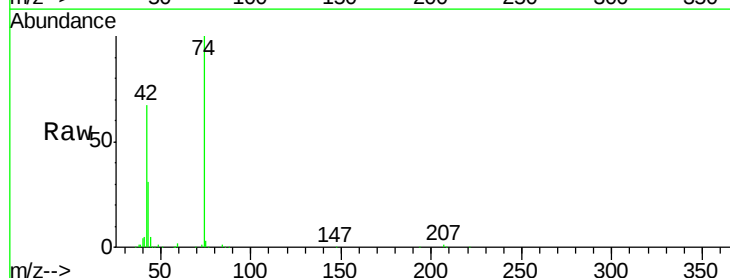
Tgt Ion: 42 Resp: 362880

Ion Ratio Lower Upper

42 100

74 150.0 117.0 175.4

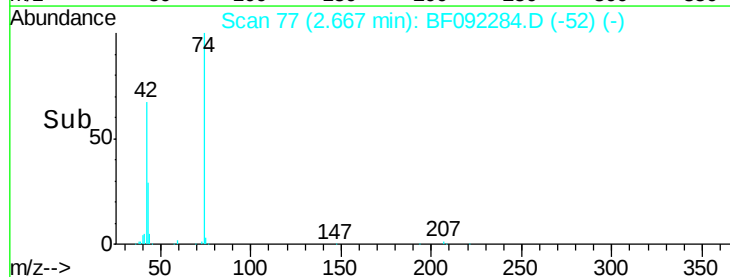
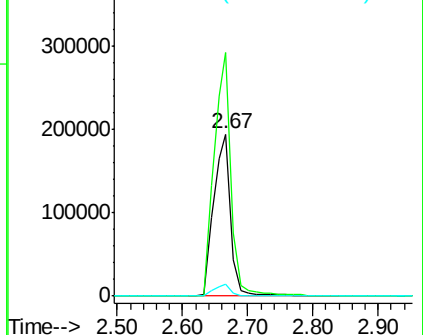
44 7.2 5.5 8.3

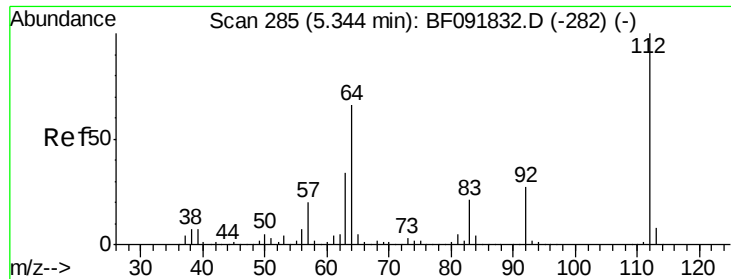


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.08 ng

RT: 5.17 min Scan# 296

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

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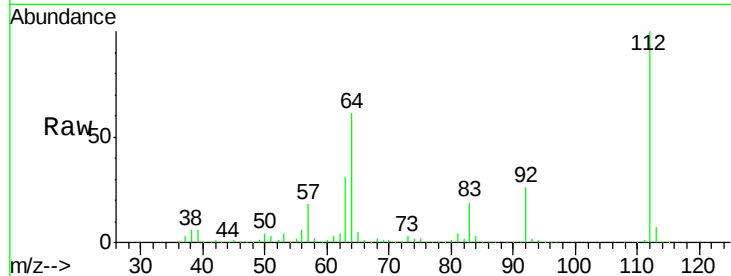
Tgt Ion: 112 Resp: 1990870

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

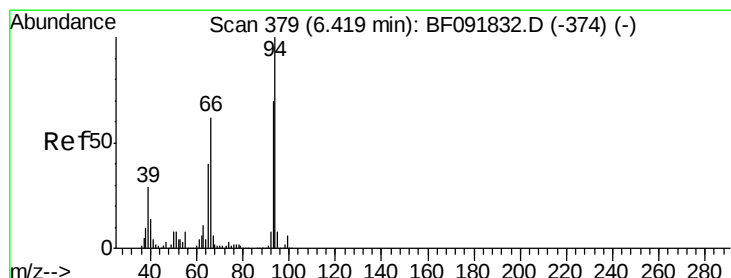
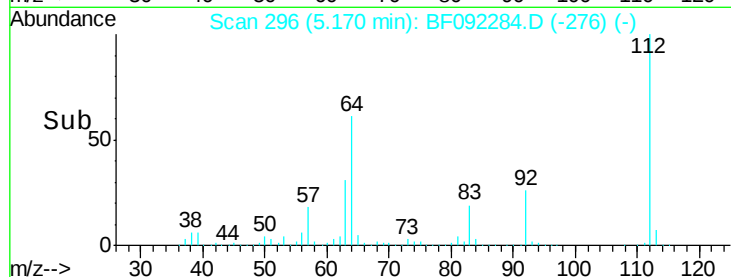
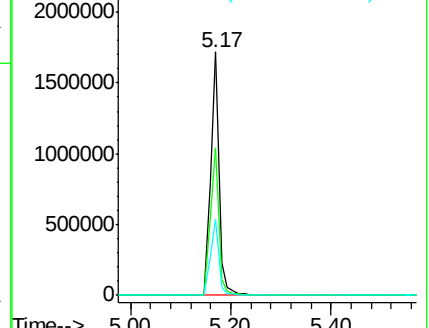
63 31.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.23 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

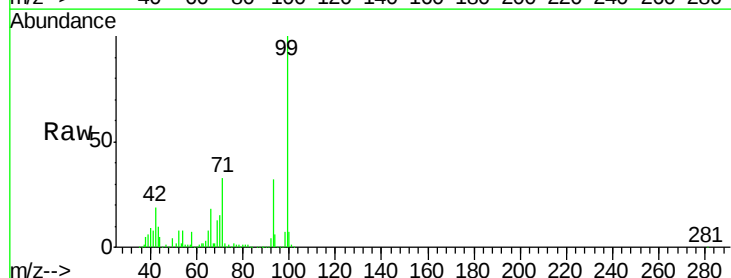
Tgt Ion: 93 Resp: 636704

Ion Ratio Lower Upper

93 100

66 54.6 76.2 114.2#

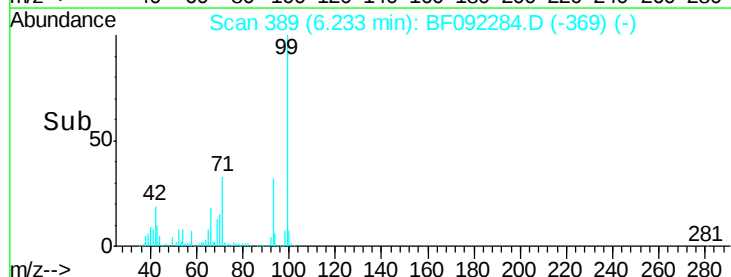
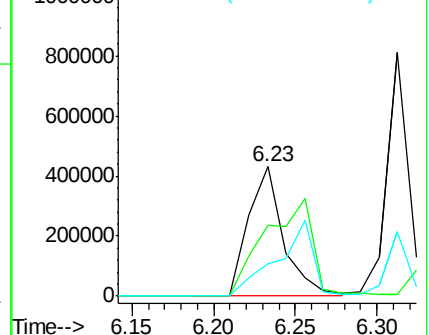
65 24.9 49.3 73.9#

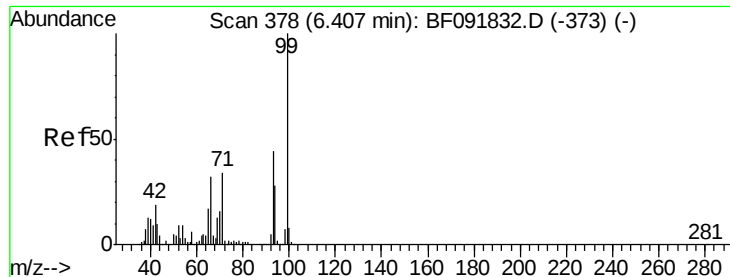


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.69 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.07 min

Lab File: BF092284.D

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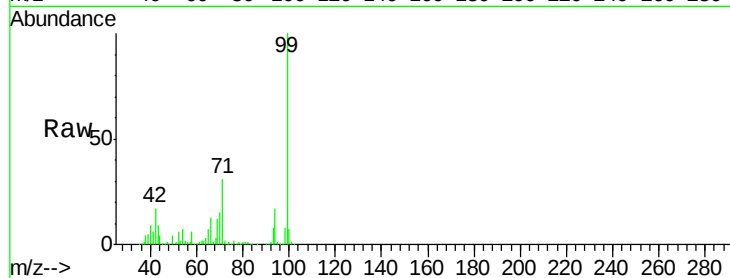
Tgt Ion: 99 Resp: 2572888

Ion Ratio Lower Upper

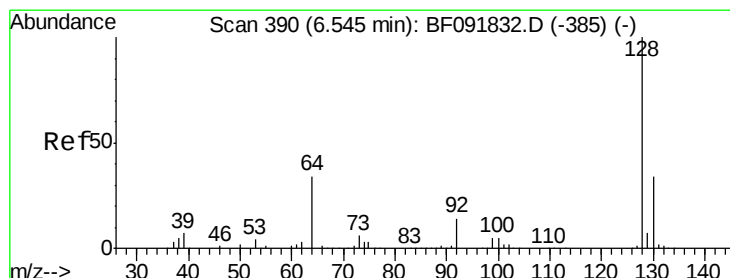
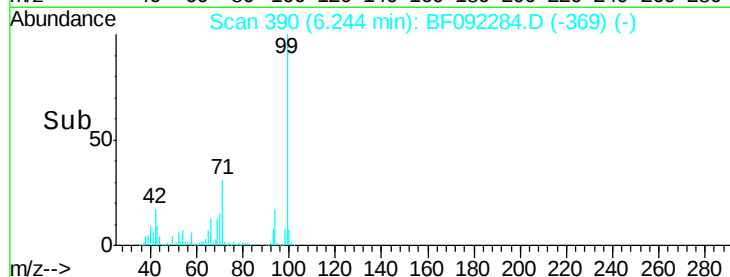
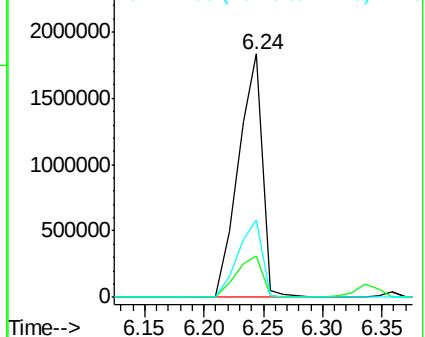
99 100

42 16.9 15.6 23.4

71 31.5 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: 44.85 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

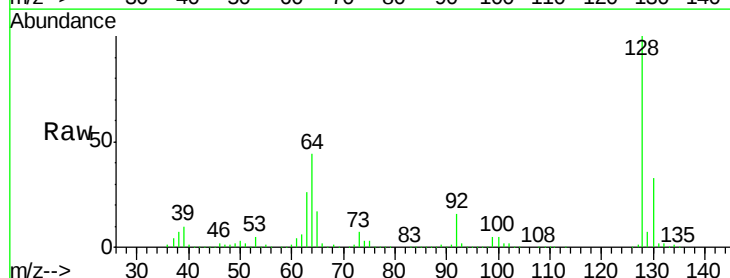
Tgt Ion: 128 Resp: 780808

Ion Ratio Lower Upper

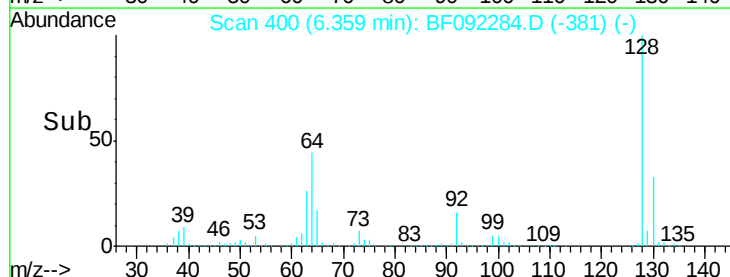
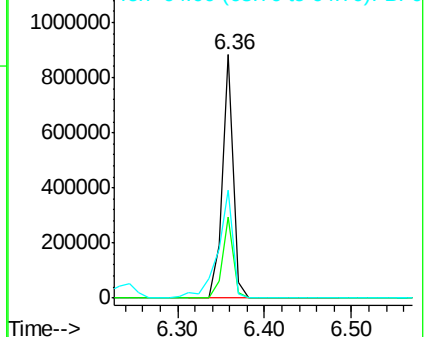
128 100

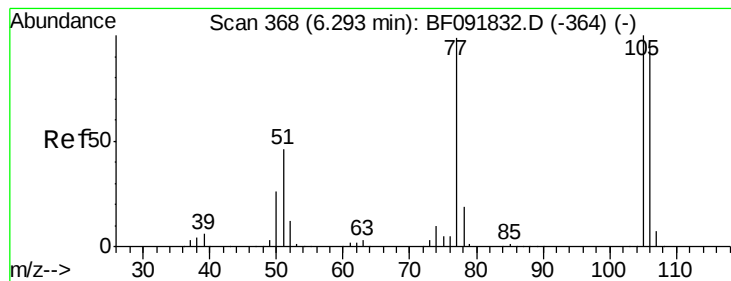
130 33.4 12.3 52.3

64 44.3 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: 2.18 ng

RT: 6.11 min Scan# 378

Delta R.T. -0.08 min

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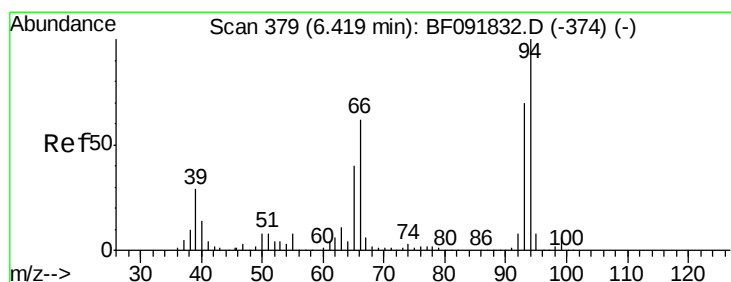
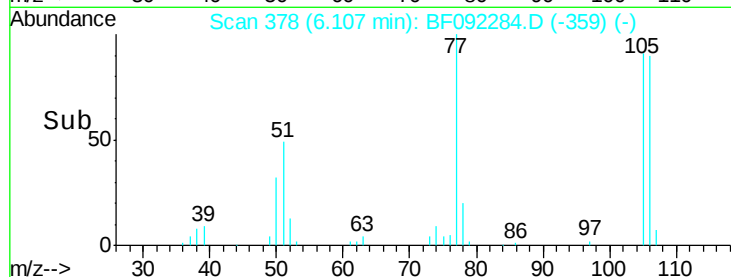
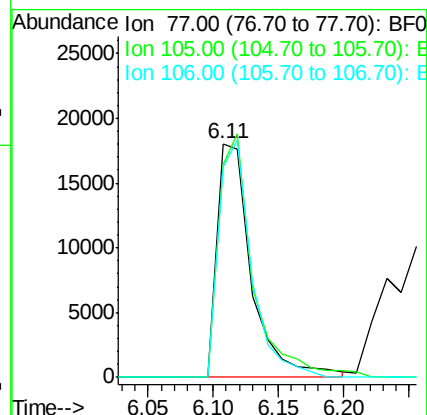
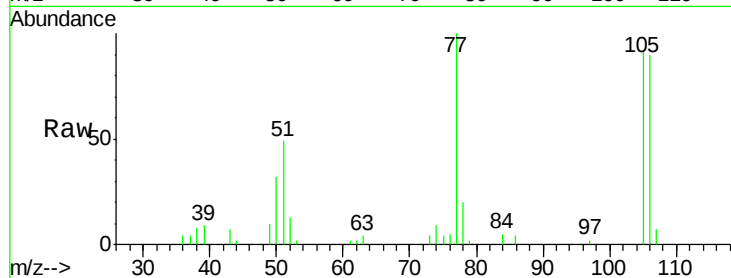
Tgt Ion: 77 Resp: 33547

Ion Ratio Lower Upper

77 100

105 91.1 83.9 123.9

106 90.1 77.6 117.6



#10

Phenol

Concen: 49.99 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

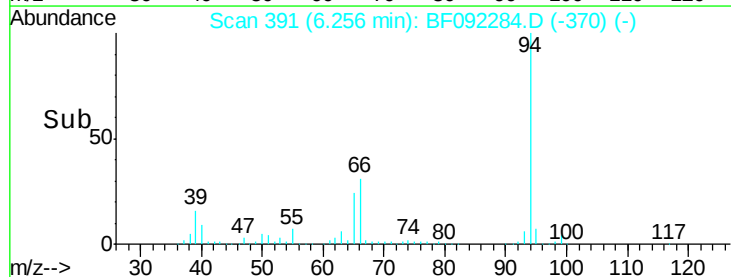
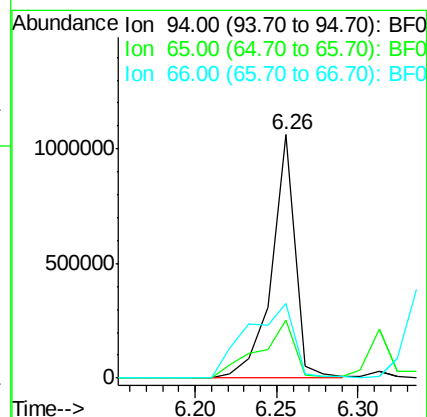
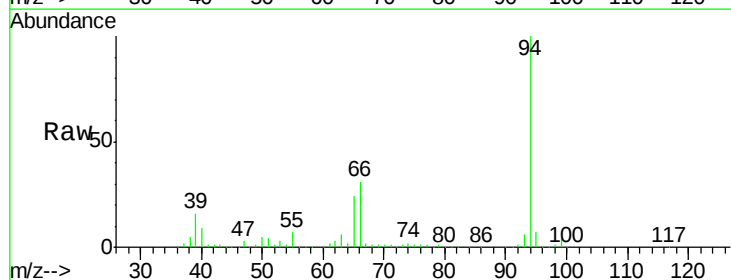
Tgt Ion: 94 Resp: 1064417

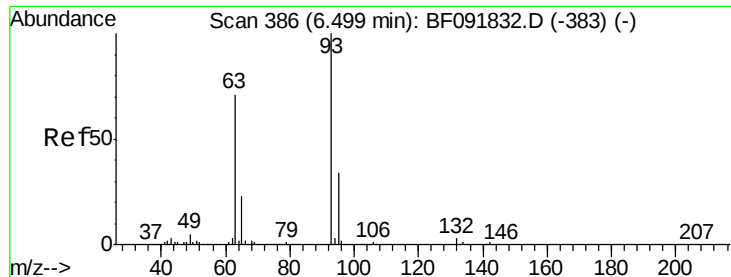
Ion Ratio Lower Upper

94 100

65 23.9 21.4 61.4

66 30.7 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 42.79 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

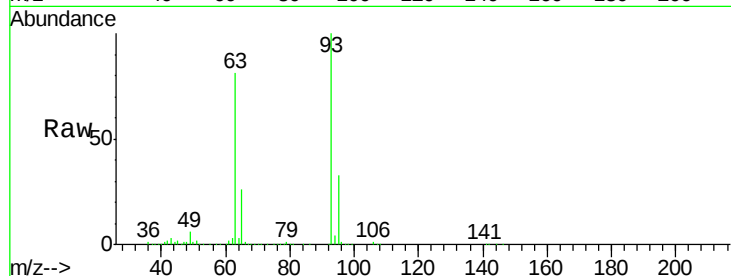
Tgt Ion: 93 Resp: 724888

Ion Ratio Lower Upper

93 100

63 80.8 60.4 100.4

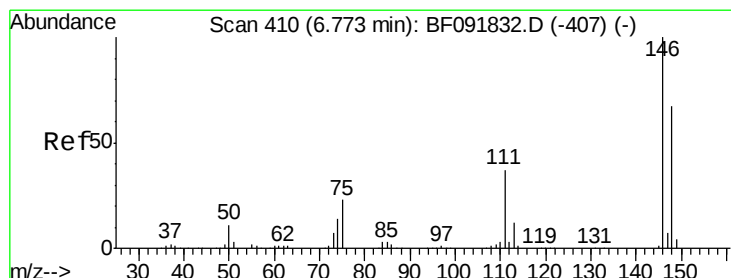
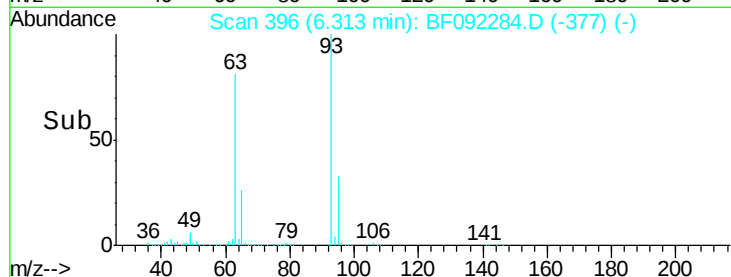
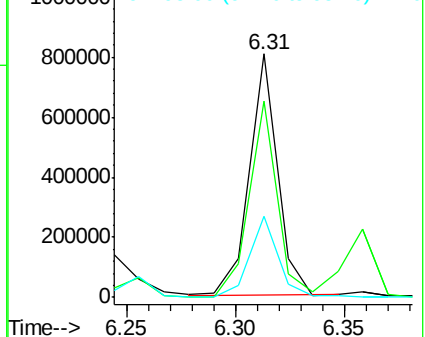
95 33.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.21 ng

RT: 6.51 min Scan# 413

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

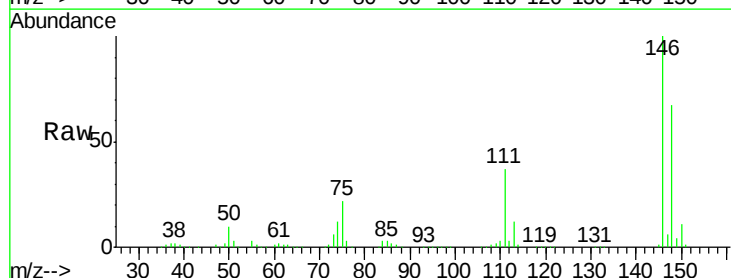
Tgt Ion: 146 Resp: 784434

Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

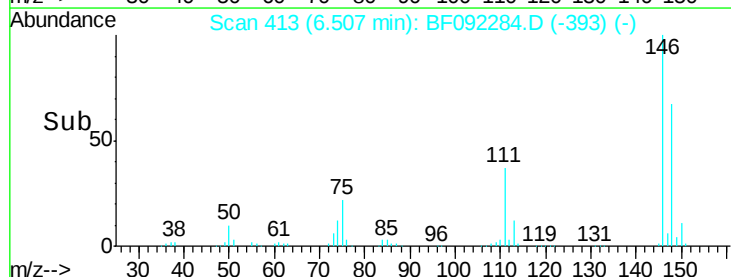
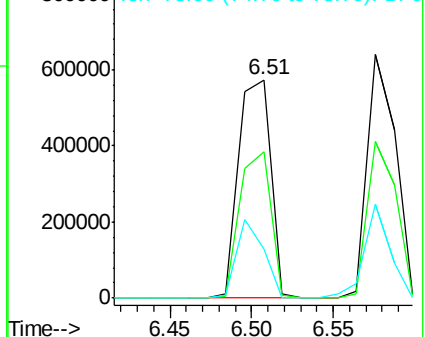
75 22.2 18.5 27.7

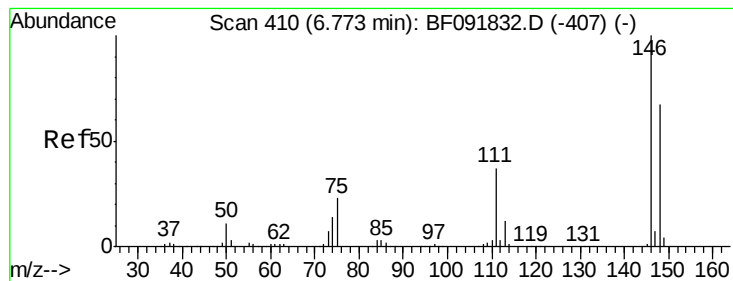


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.47 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

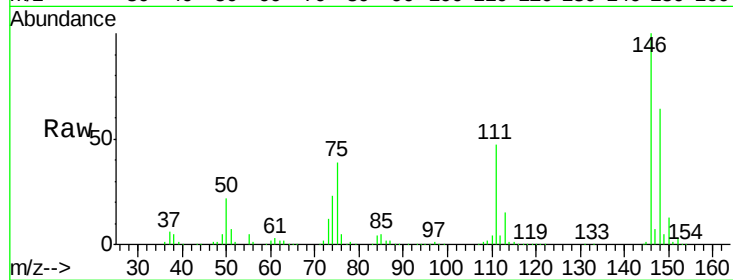
Tgt Ion:146 Resp: 765523

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

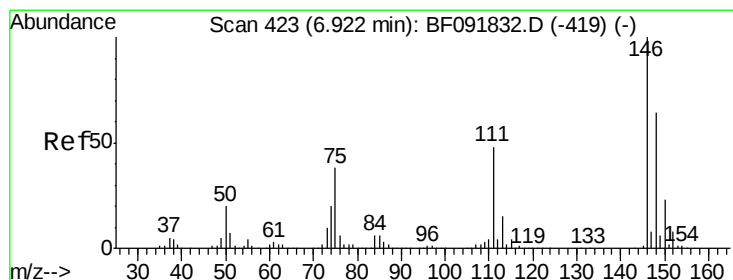
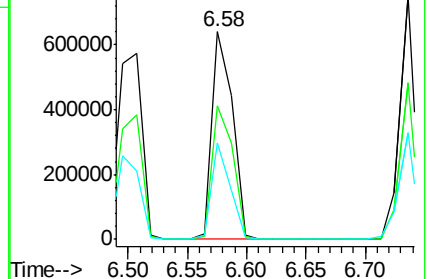
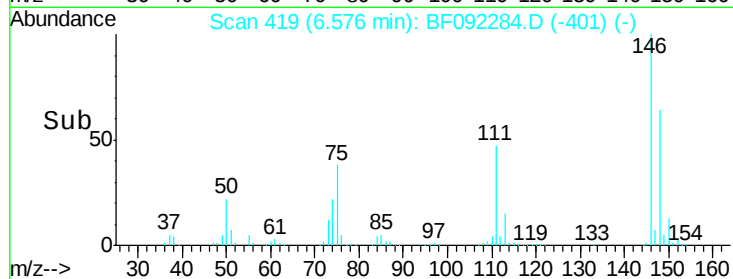
111 46.6 36.2 54.4



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: 39.30 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

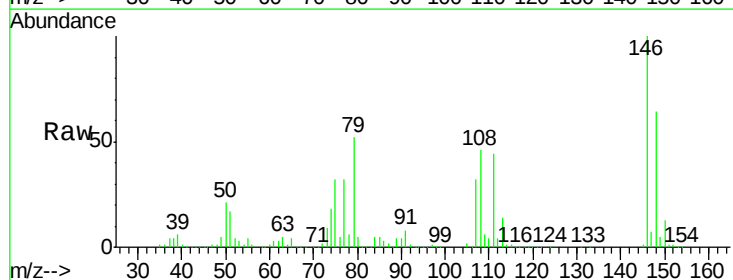
Tgt Ion:146 Resp: 645031

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

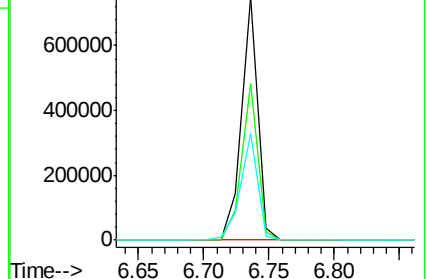
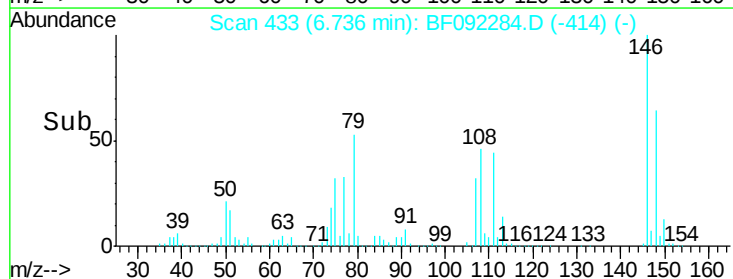
111 43.7 36.2 54.2

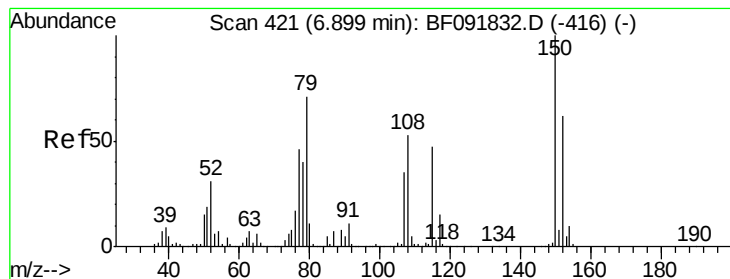


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.15 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

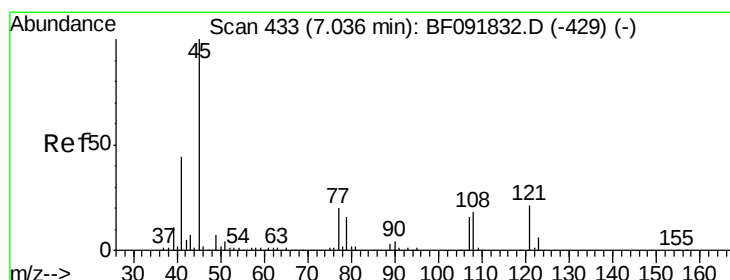
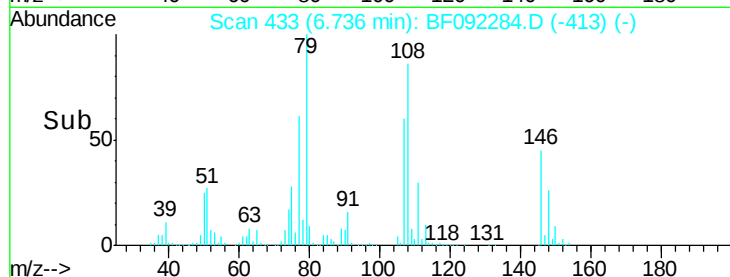
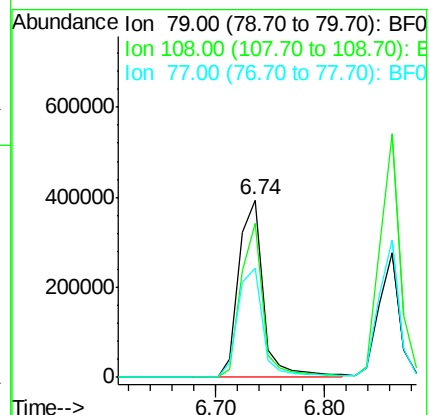
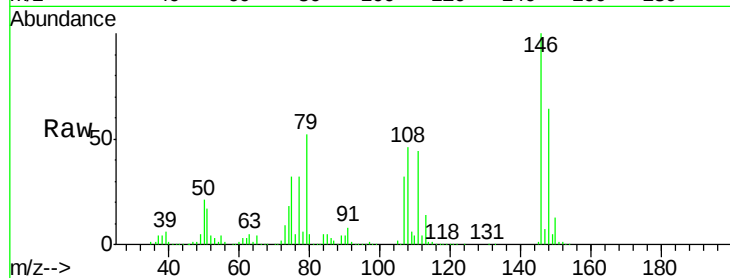
Tgt Ion: 79 Resp: 612040

Ion Ratio Lower Upper

79 100

108 86.9 61.4 92.0

77 61.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.94 ng

RT: 6.86 min Scan# 444

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

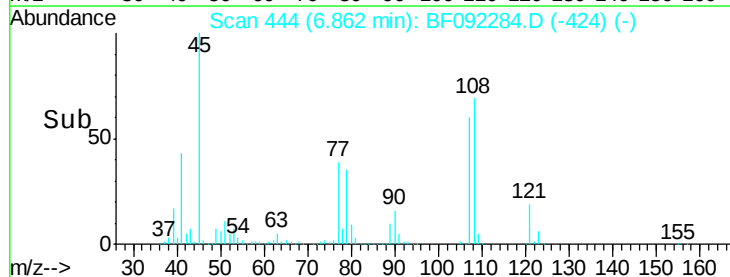
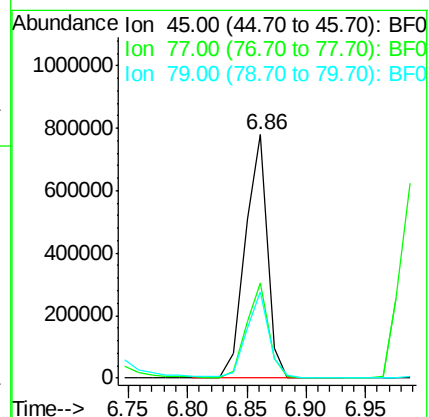
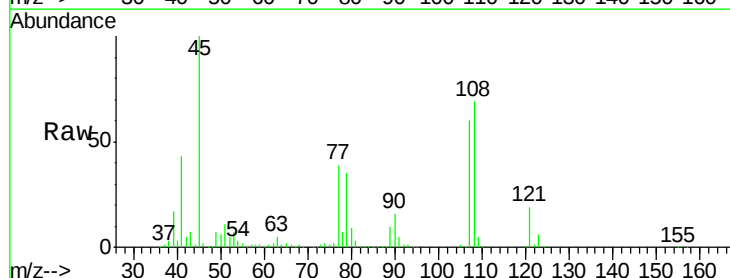
Tgt Ion: 45 Resp: 1007672

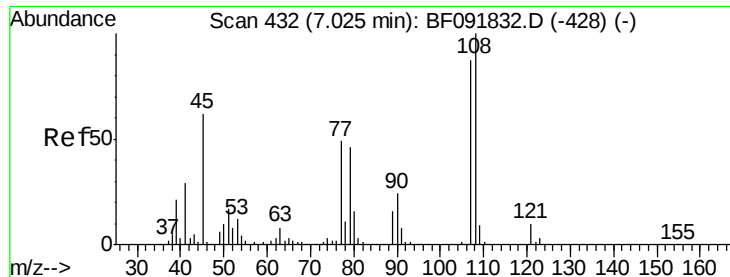
Ion Ratio Lower Upper

45 100

77 39.1 0.0 34.6#

79 35.3 0.0 31.2#

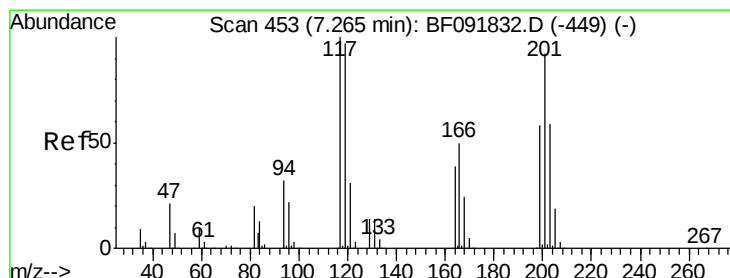
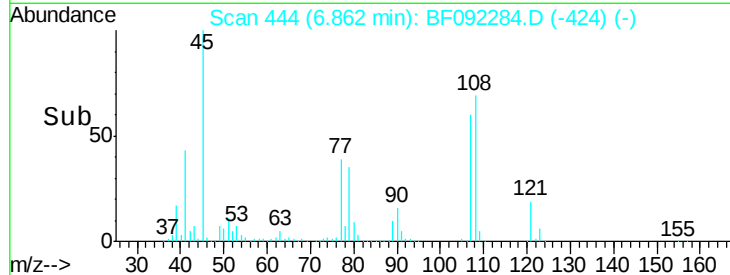
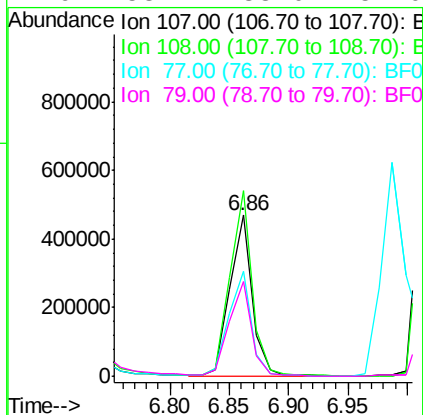
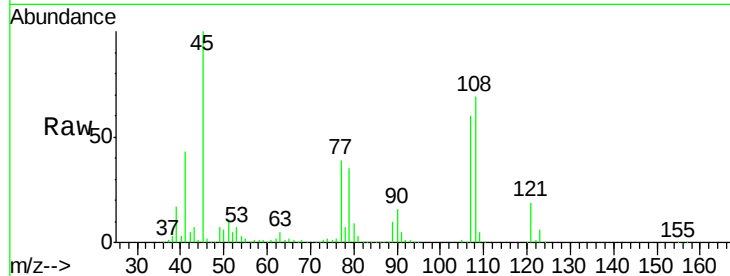




#17
2-Methylphenol
Concen: 43.50 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

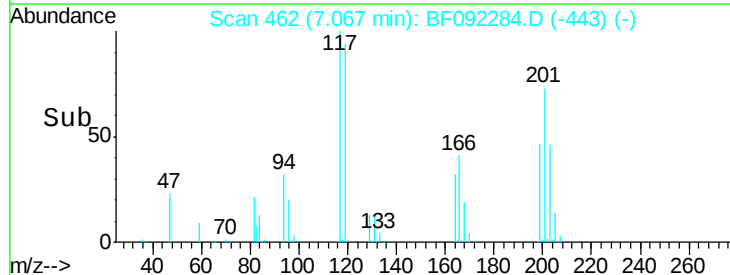
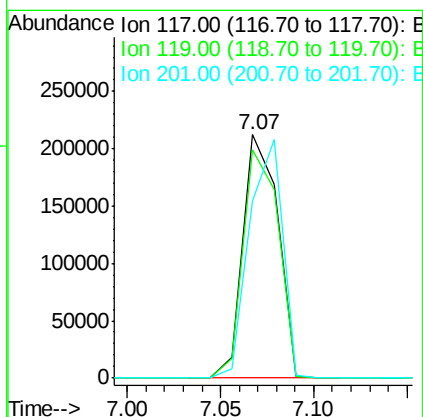
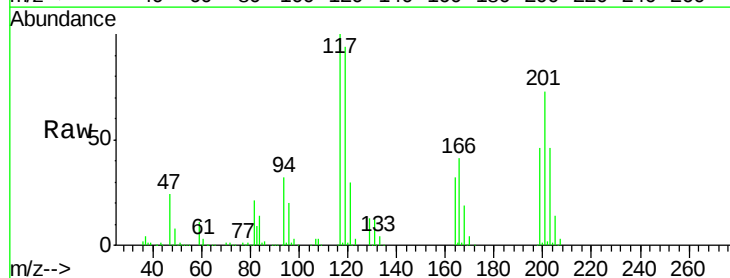
Instrument :
BNA_F
ClientSampleId :
PB95965BS

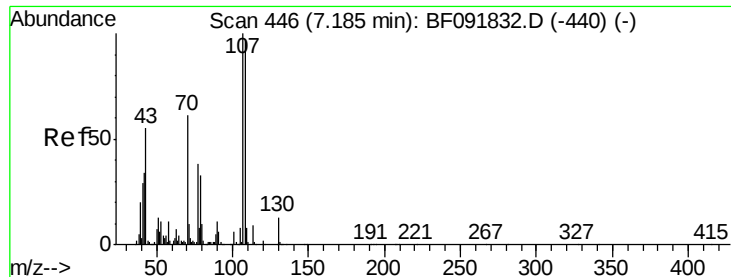
Tgt Ion:107 Resp: 609108
Ion Ratio Lower Upper
107 100
108 115.3 93.0 139.6
77 65.0 39.8 59.8#
79 58.7 38.0 57.0#



#18
Hexachloroethane
Concen: 39.20 ng
RT: 7.07 min Scan# 462
Delta R.T. -0.09 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:117 Resp: 274922
Ion Ratio Lower Upper
117 100
119 93.6 78.1 117.1
201 72.6 78.6 117.8#

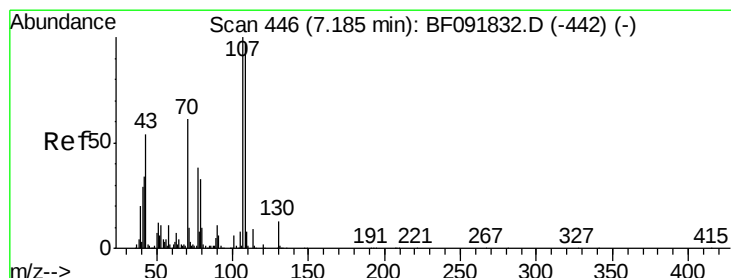
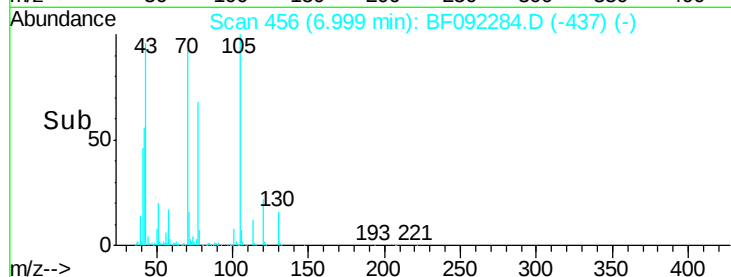
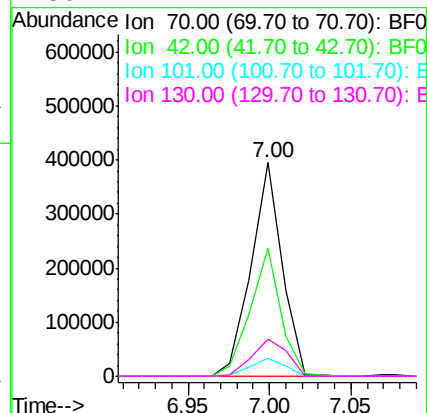
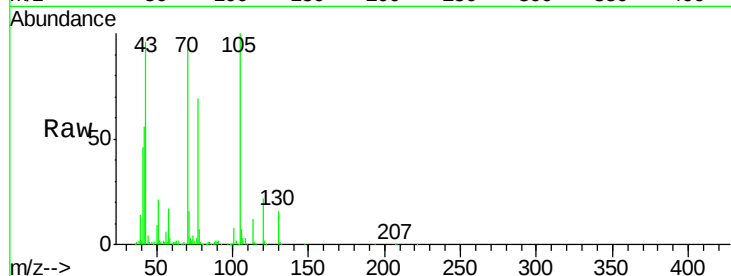




#19
n-Nitroso-di-n-propylamine
Concen: 42.08 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

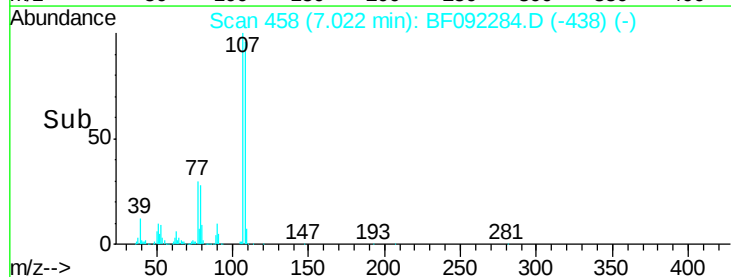
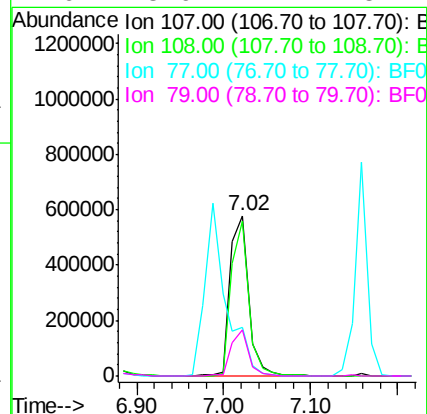
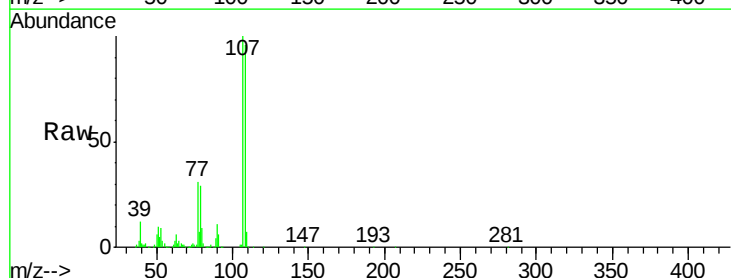
Instrument :
BNA_F
ClientSampleId :
PB95965BS

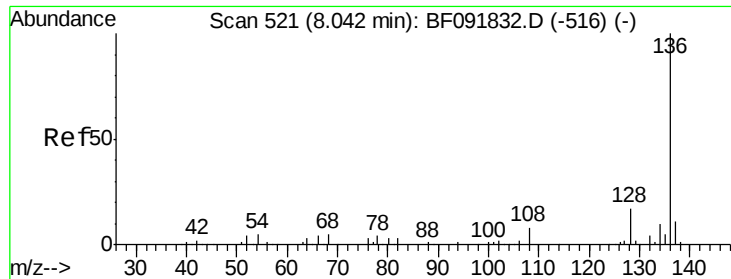
Tgt Ion:	70	Resp:	523105
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.4	74.0
101	8.6	7.4	11.2
130	17.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 51.20 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.07 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:	107	Resp:	855046
Ion	Ratio	Lower	Upper
107	100		
108	96.4	73.0	113.0
77	30.6	71.3	111.3#
79	28.9	11.1	51.1

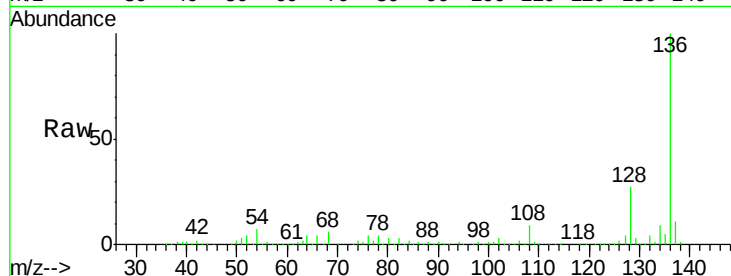




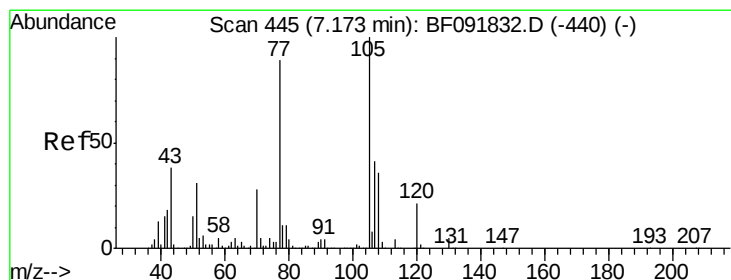
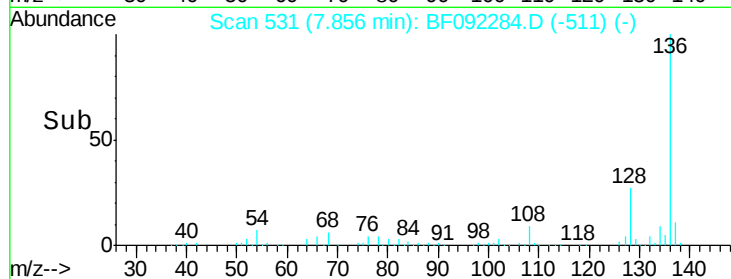
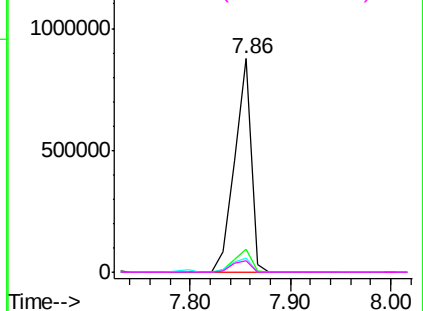
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion:	136	Resp:	997285
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	6.5	4.5	6.7
68	5.6	3.6	5.4#

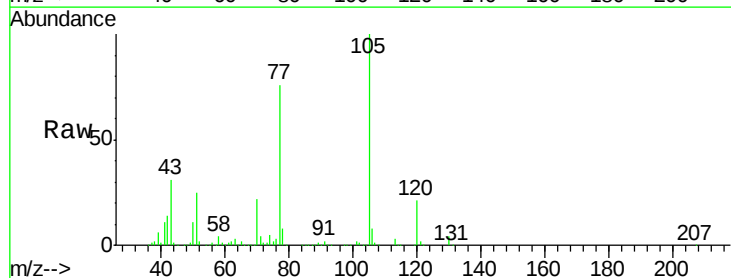


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

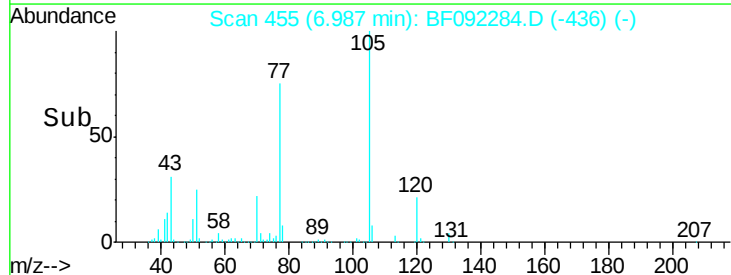
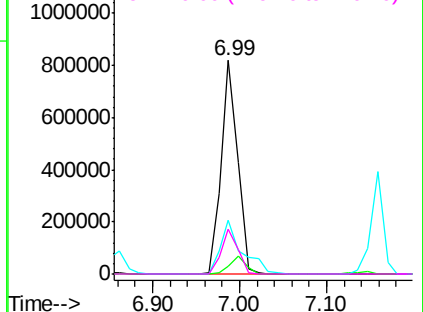


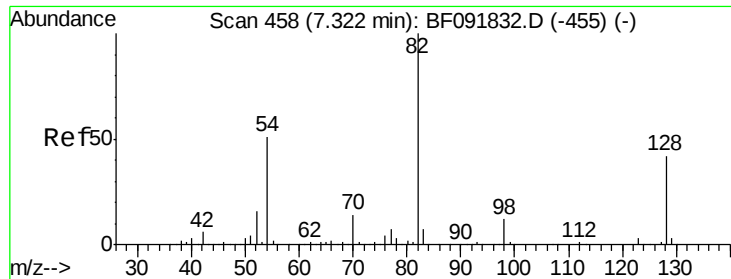
#22
Acetophenone
Concen: 44.35 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:	105	Resp:	1090905
Ion Ratio	Lower	Upper	
105	100		
71	3.6	3.2	4.8
51	25.5	26.2	39.4#
120	21.2	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

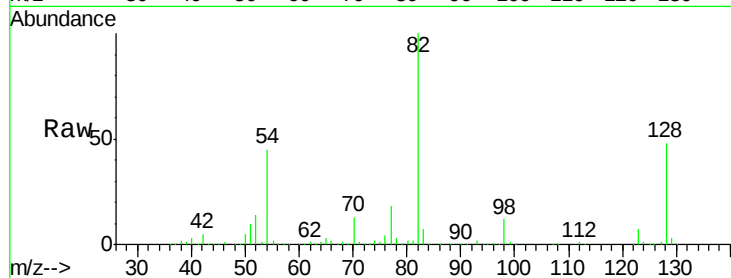




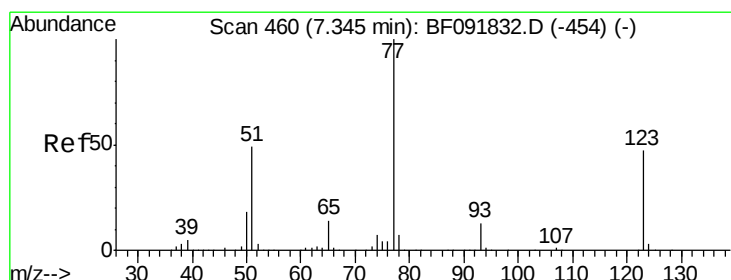
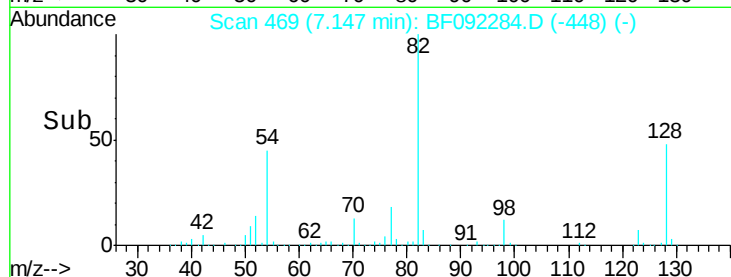
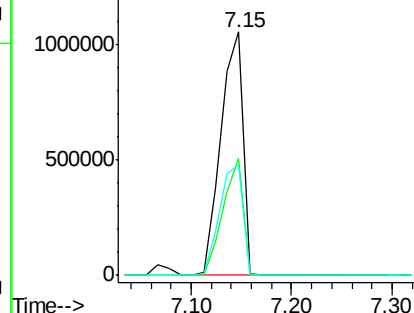
#23
 Nitrobenzene-d5
 Concen: 89.50 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.07 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tgt Ion: 82 Resp: 1605118
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 52.0
 54 45.5 39.5 59.3

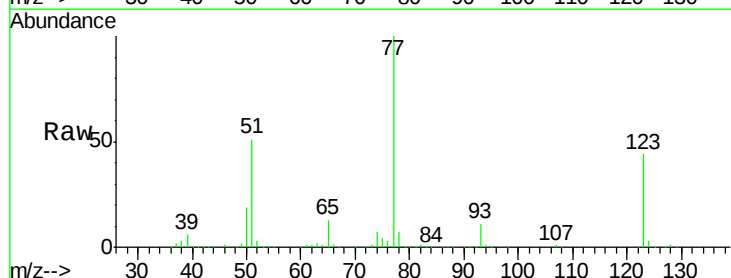


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

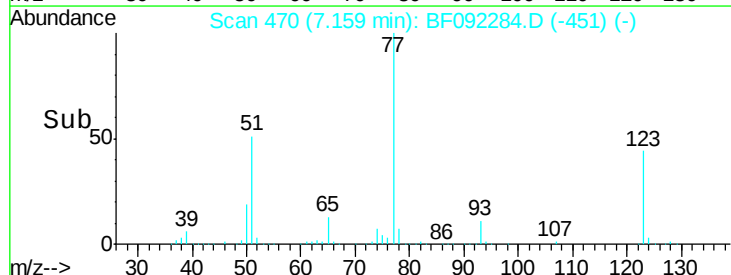
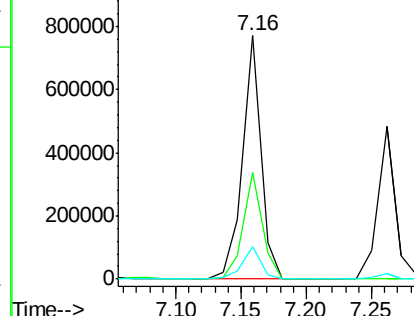


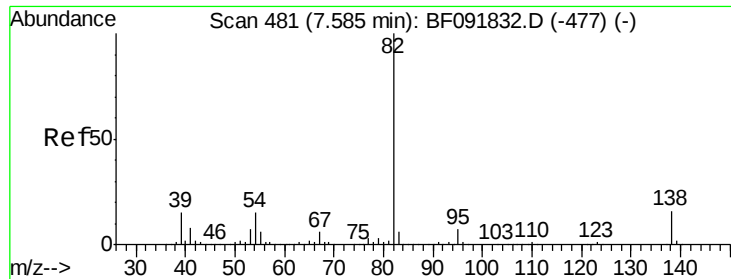
#24
 Nitrobenzene
 Concen: 39.49 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion: 77 Resp: 754351
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.0 49.4
 65 13.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.05 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

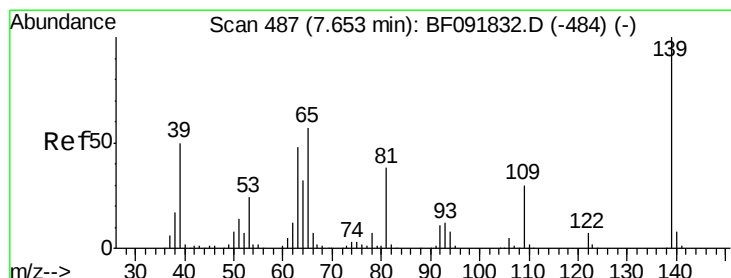
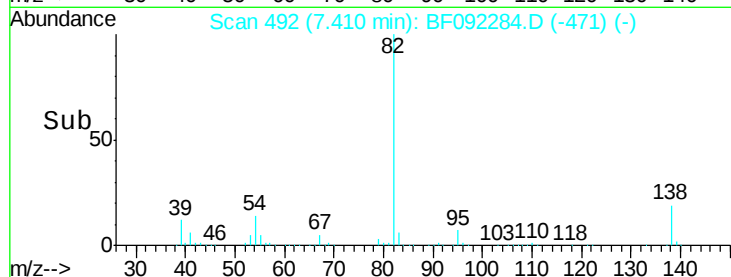
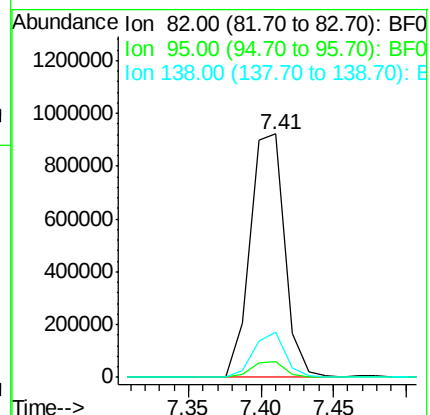
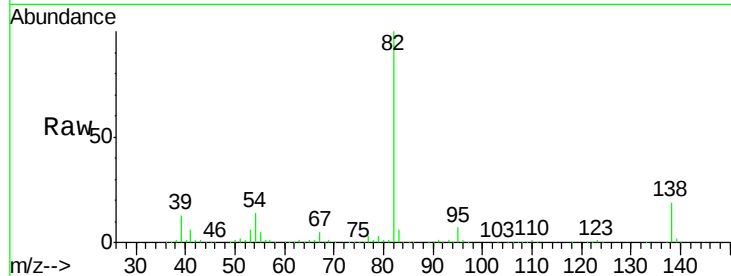
Tgt Ion: 82 Resp: 1523861

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.6 14.6 22.0



#26

2-Nitrophenol

Concen: 45.77 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

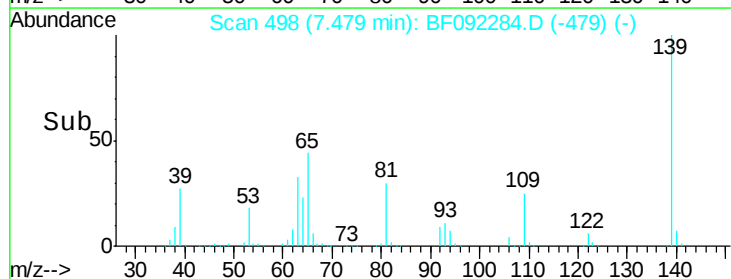
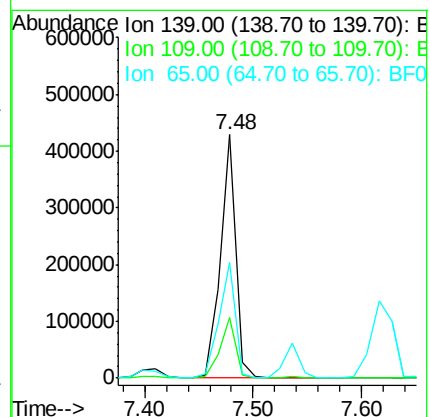
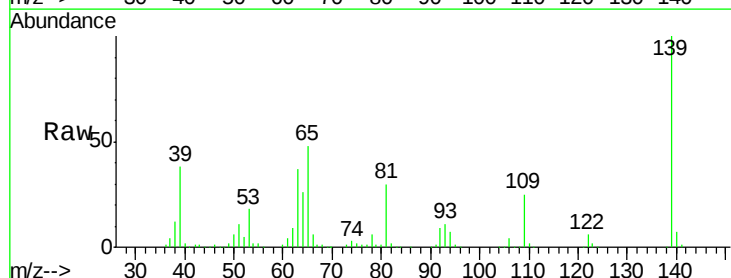
Tgt Ion: 139 Resp: 431153

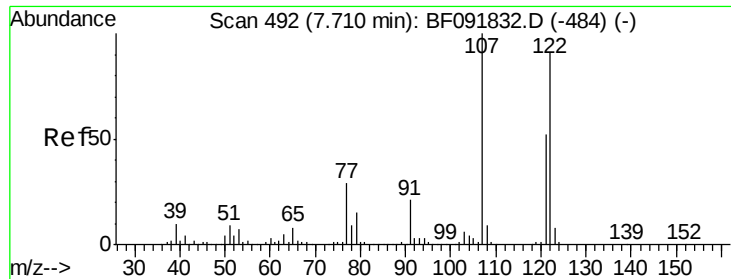
Ion Ratio Lower Upper

139 100

109 25.1 23.3 34.9

65 47.6 42.7 64.1

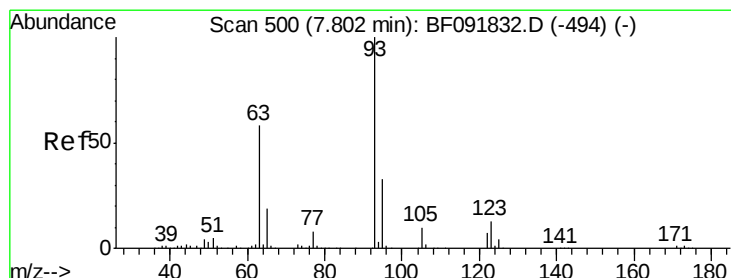
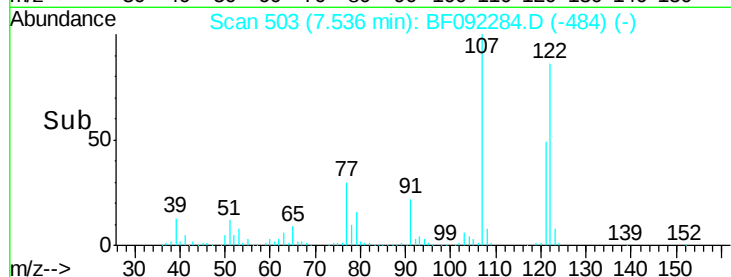
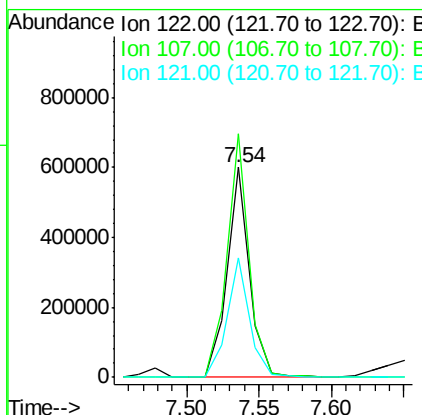
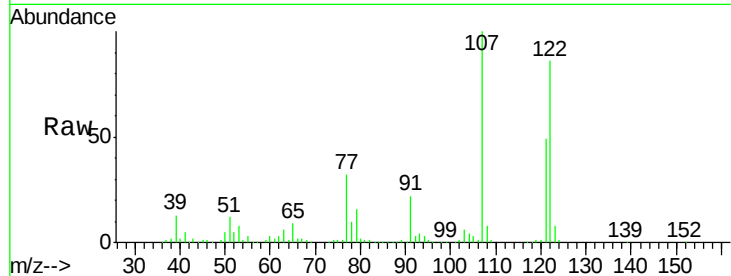




#27
 2,4-Dimethylphenol
 Concen: 41.13 ng
 RT: 7.54 min Scan# 503
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

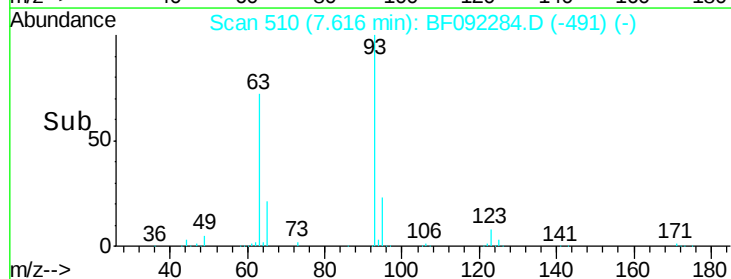
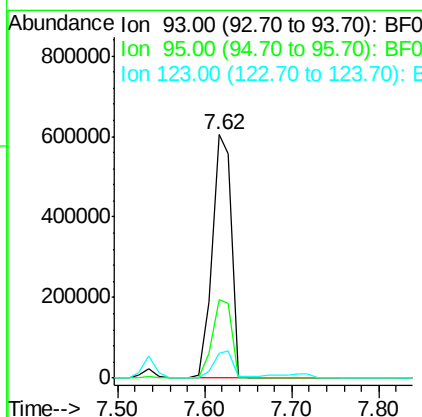
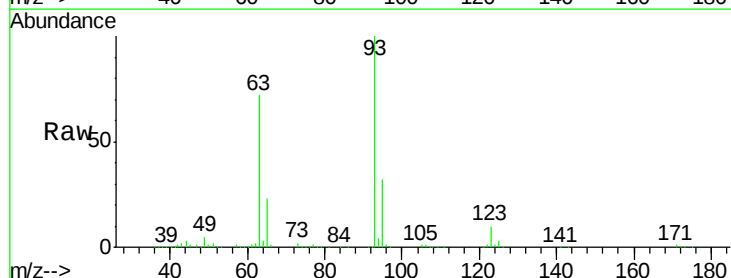
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

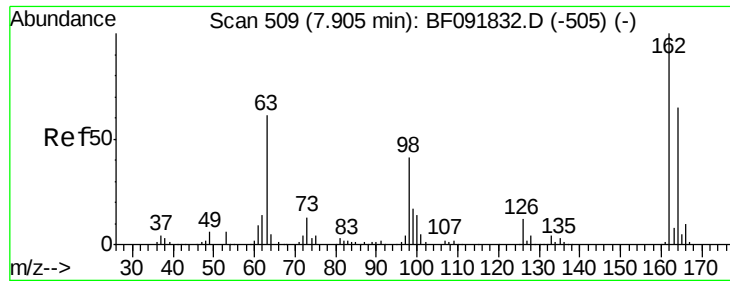
Tgt Ion: 122 Resp: 642626
 Ion Ratio Lower Upper
 122 100
 107 116.1 94.1 141.1
 121 57.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.83 ng
 RT: 7.62 min Scan# 510
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion: 93 Resp: 939603
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 10.1 8.6 13.0

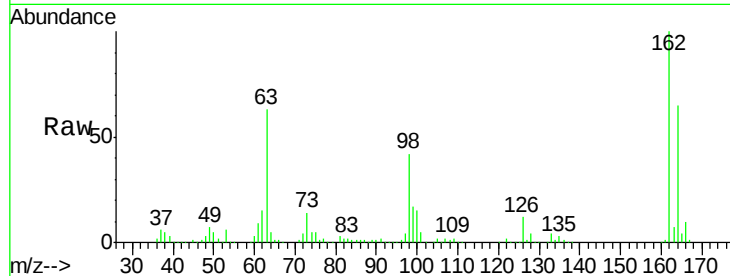




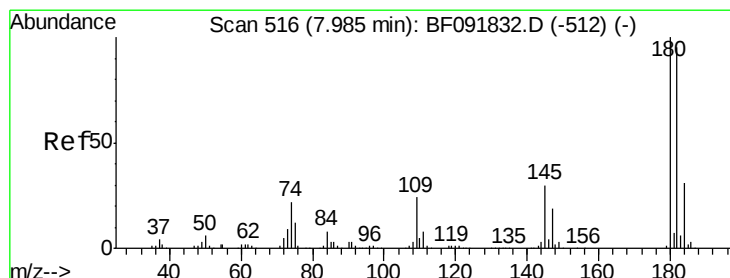
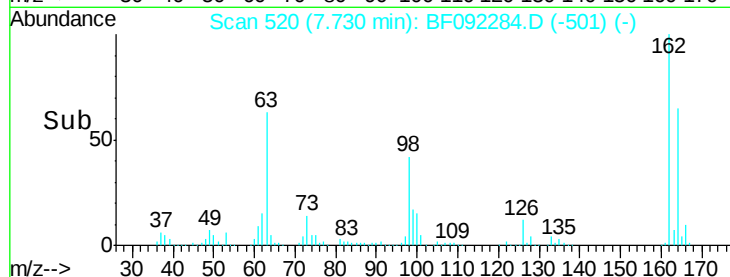
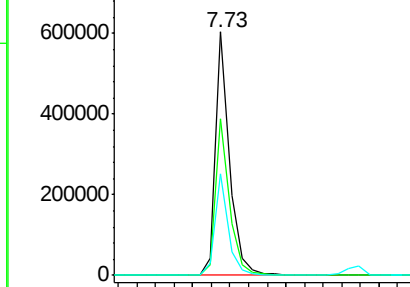
#29
 2,4-Dichlorophenol
 Concen: 47.25 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tgt Ion:162 Resp: 625118
 Ion Ratio Lower Upper
 162 100
 164 64.5 46.8 86.8
 98 41.8 9.1 49.1

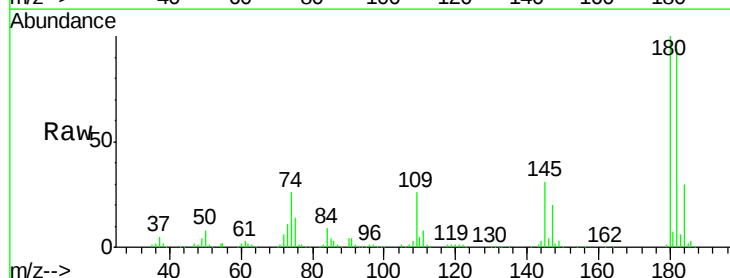


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

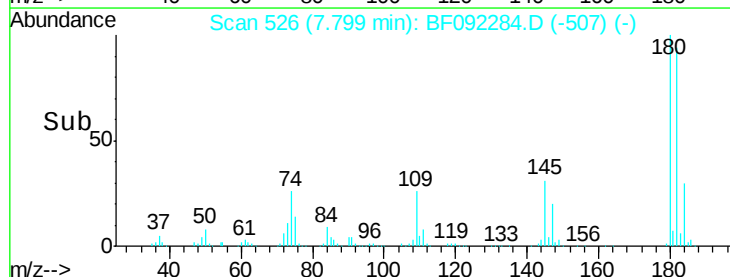
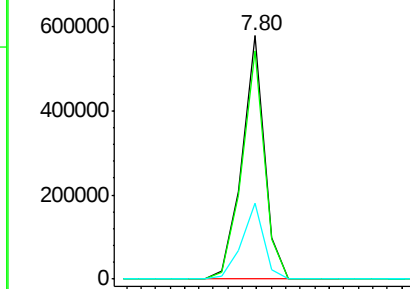


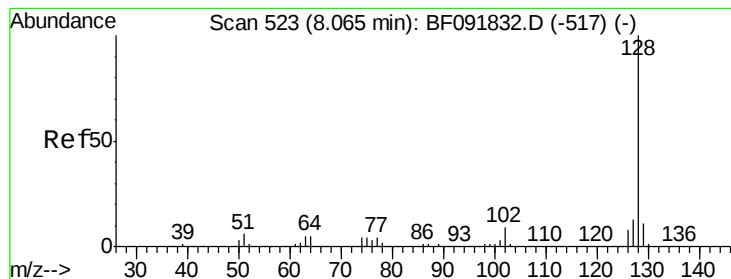
#30
 1,2,4-Trichlorobenzene
 Concen: 42.70 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:180 Resp: 619080
 Ion Ratio Lower Upper
 180 100
 182 93.9 78.2 117.4
 145 31.0 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: 46.46 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

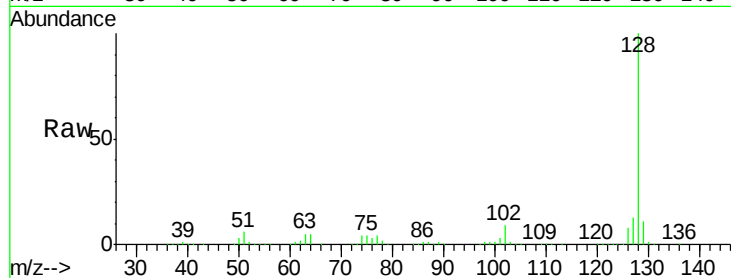
Tgt Ion:128 Resp: 2120504

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

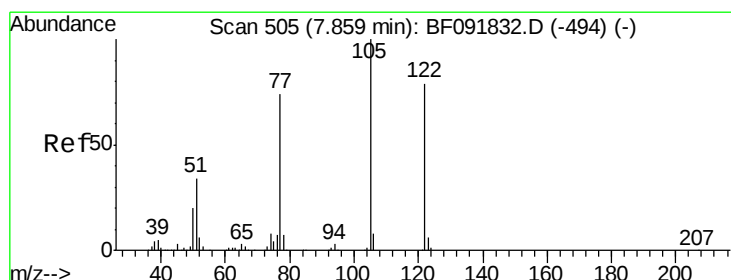
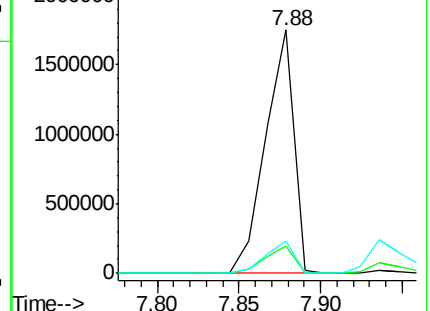
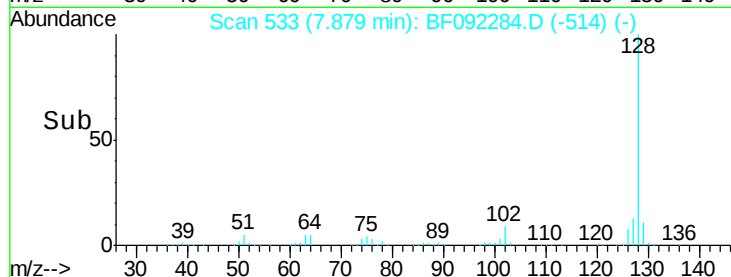
127 13.4 10.8 16.2



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: 43.36 ng

RT: 7.72 min Scan# 519

Delta R.T. -0.03 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

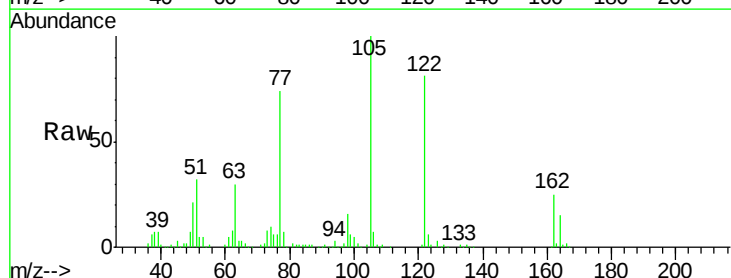
Tgt Ion:122 Resp: 502486

Ion Ratio Lower Upper

122 100

105 123.9 107.2 147.2

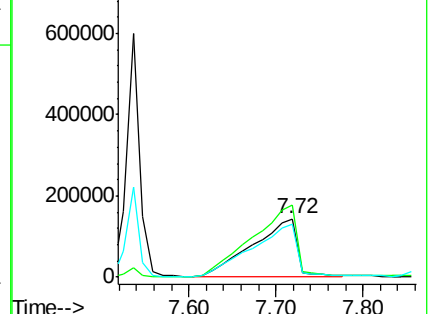
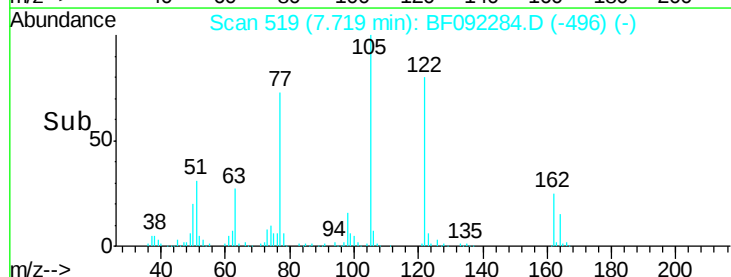
77 91.1 74.5 114.5

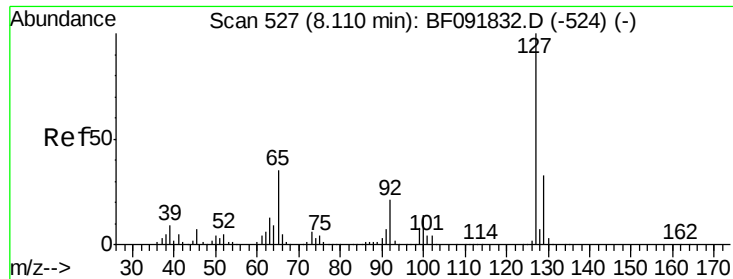


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

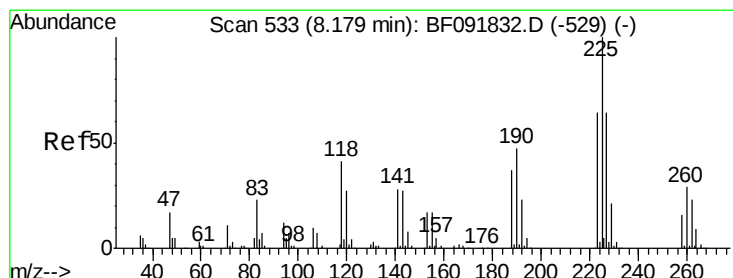
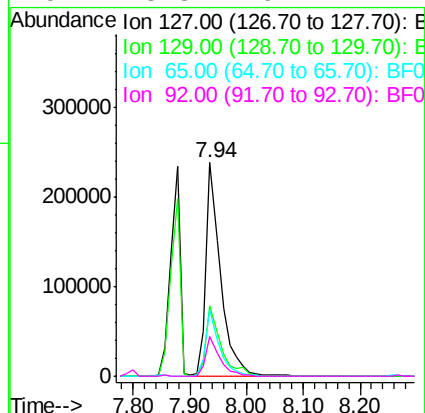
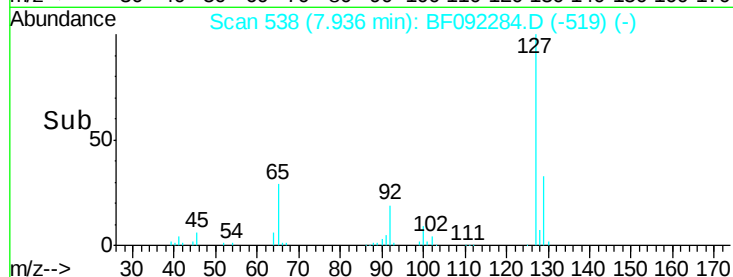
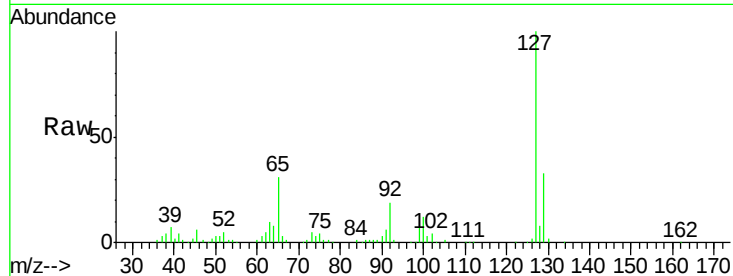




#33
4-Chloroaniline
Concen: 20.15 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

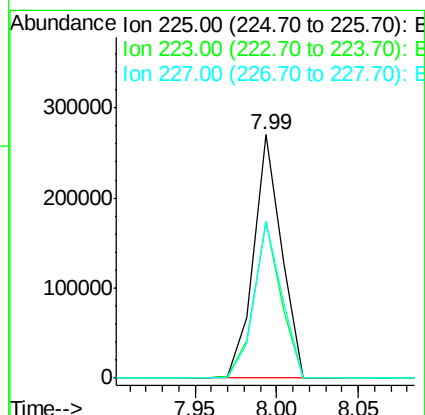
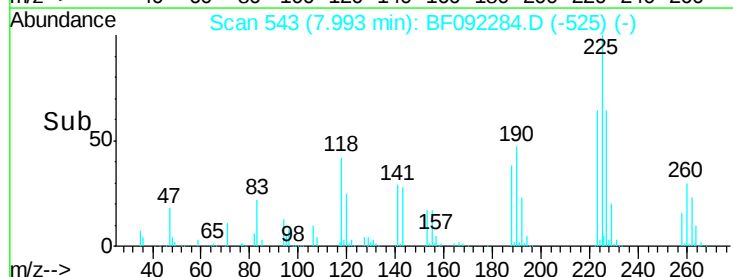
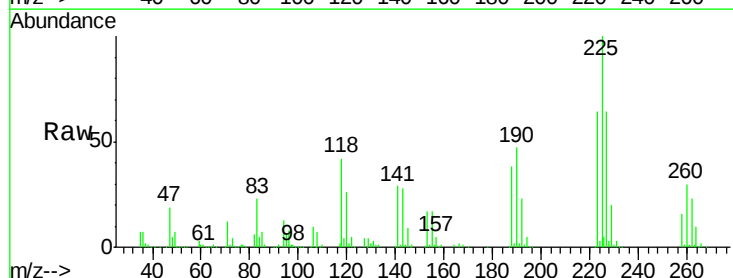
Instrument :
BNA_F
ClientSampleId :
PB95965BS

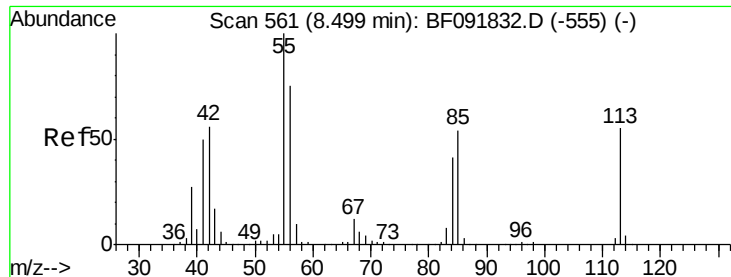
Tgt Ion:	127	Resp:	414635
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	31.0	25.8	38.8
92	18.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.83 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.09 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:	225	Resp:	320118
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	64.1	50.6	76.0

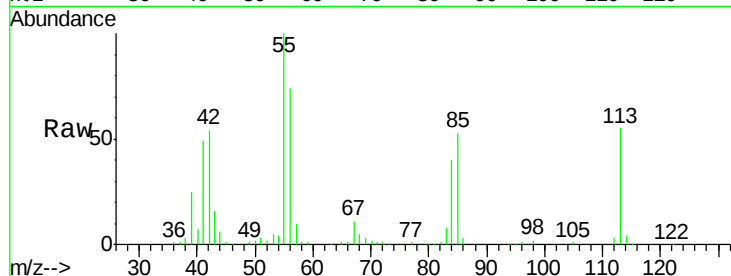




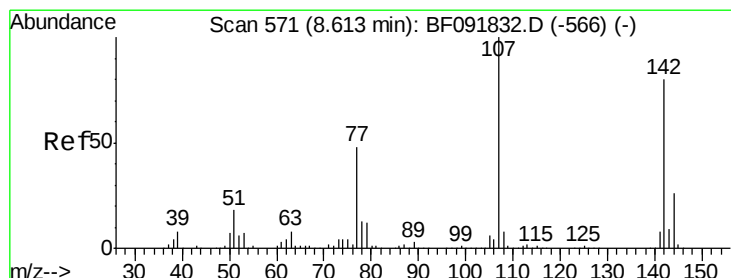
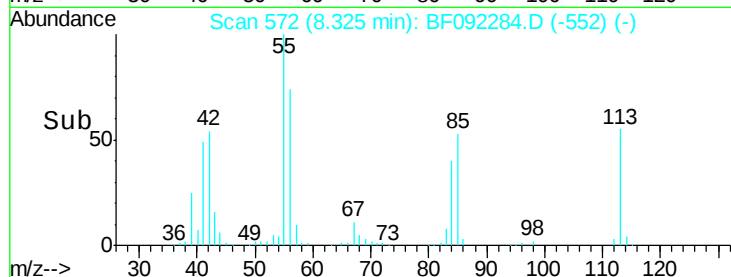
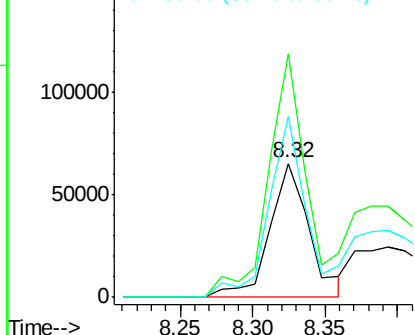
#35
Caprolactam
Concen: 27.98 ng
RT: 8.32 min Scan# 572
Delta R.T. -0.07 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion:113 Resp: 121664
Ion Ratio Lower Upper
113 100
55 181.7 119.2 159.2#
56 134.8 83.8 123.8#

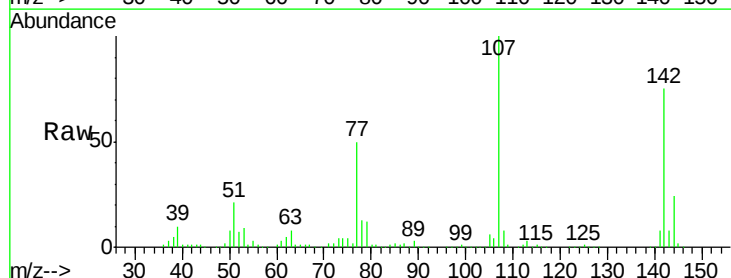


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

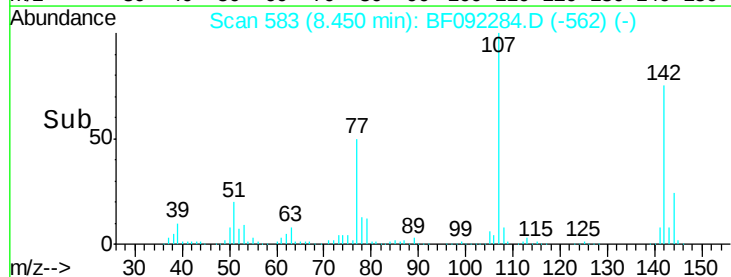
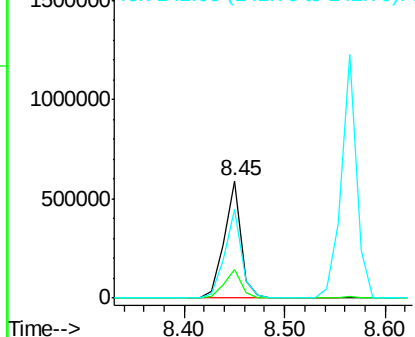


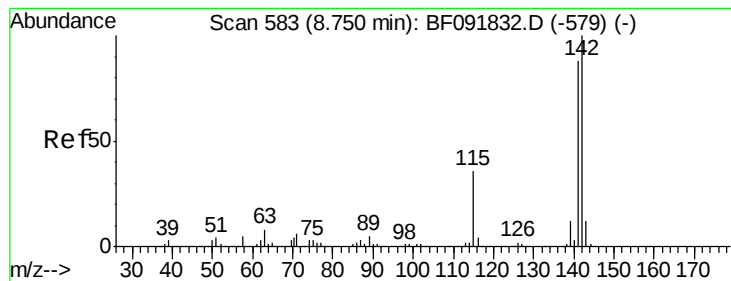
#36
4-Chloro-3-methylphenol
Concen: 45.20 ng
RT: 8.45 min Scan# 583
Delta R.T. -0.05 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:107 Resp: 688065
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 75.4 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 48.24 ng

RT: 8.56 min Scan# 593

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

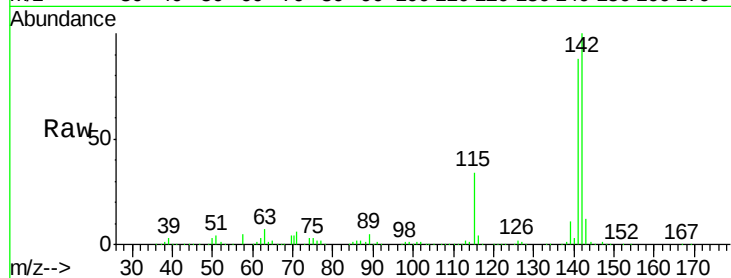
Tgt Ion:142 Resp: 1299788

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6

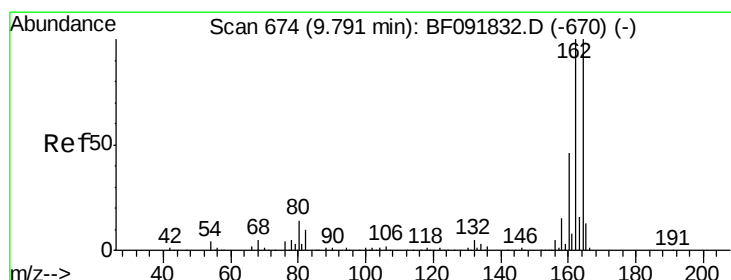
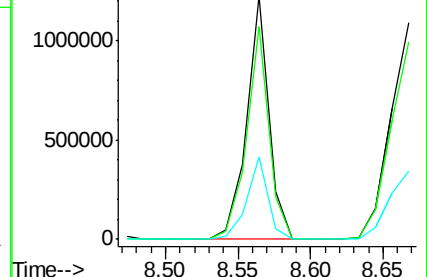
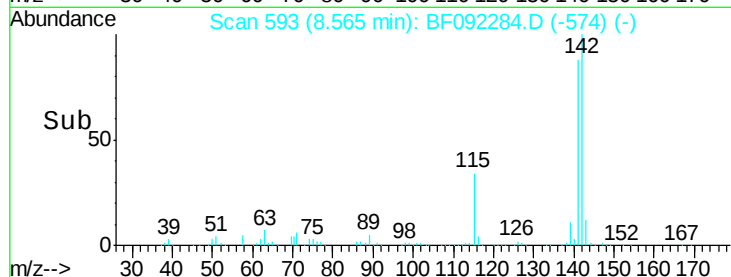
115 33.9 28.3 42.5



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: 9.60 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

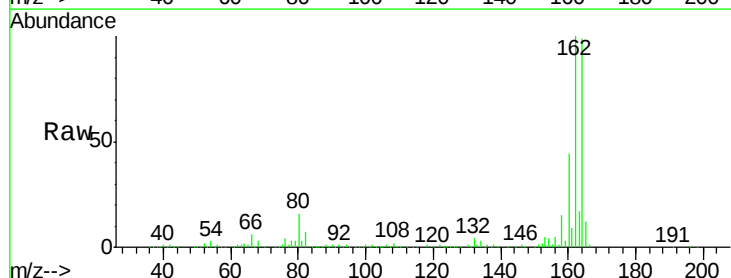
Tgt Ion:164 Resp: 538980

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

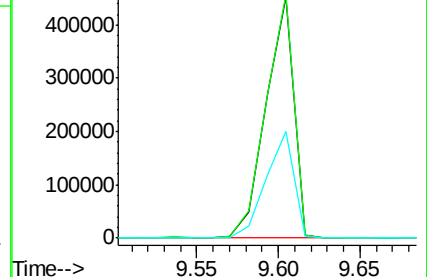
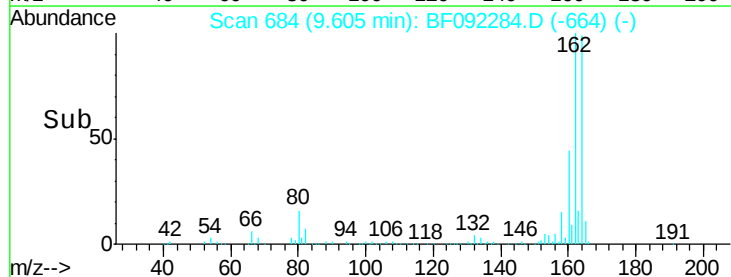
160 44.2 36.9 55.3

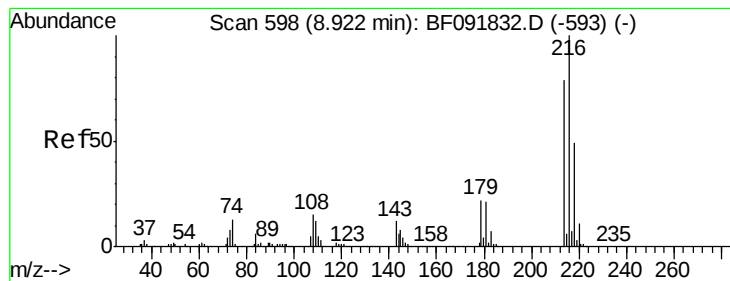


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.49 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

Tgt Ion:216 Resp: 592157

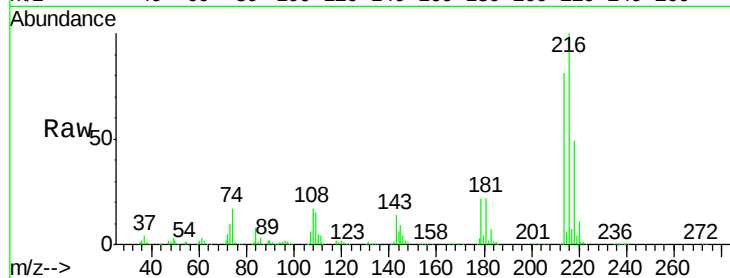
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.0

179 22.7 17.4 26.2

108 22.1 15.6 23.4

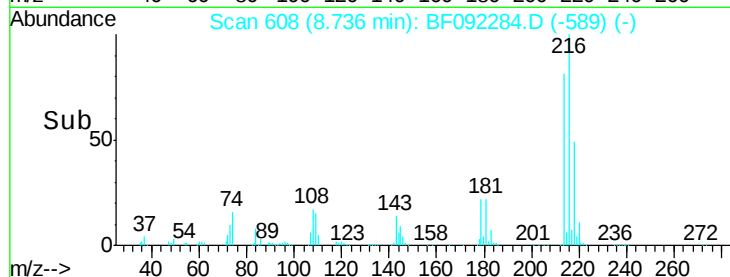


Abundance Ion 216.00 (215.70 to 216.70): E

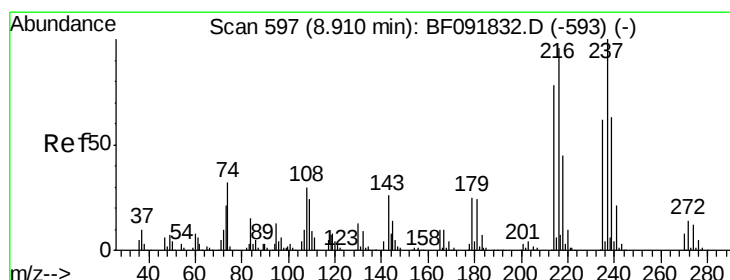
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.65 8.70 8.75 8.80



#40

Hexachlorocyclopentadiene

Concen: 76.58 ng

RT: 8.72 min Scan# 607

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

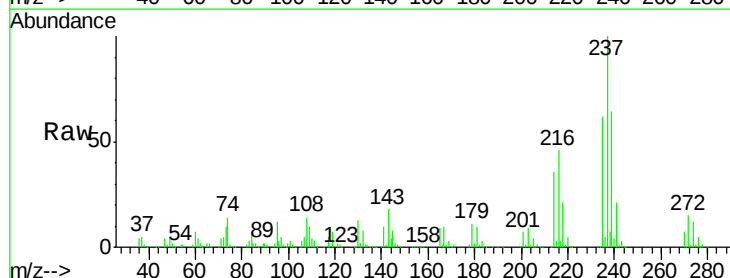
Tgt Ion:237 Resp: 463344

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

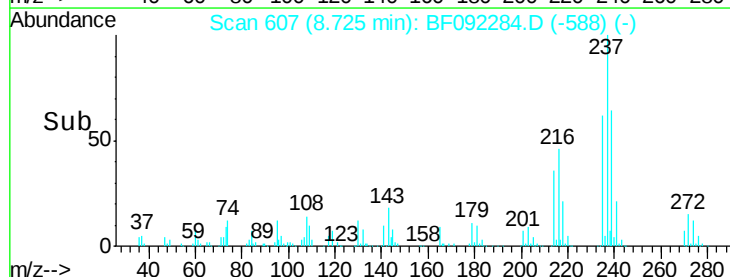
272 14.8 0.0 35.4



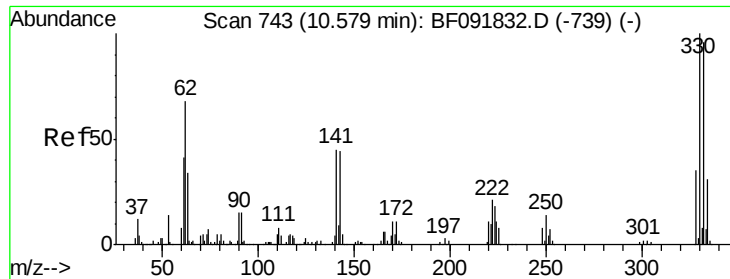
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



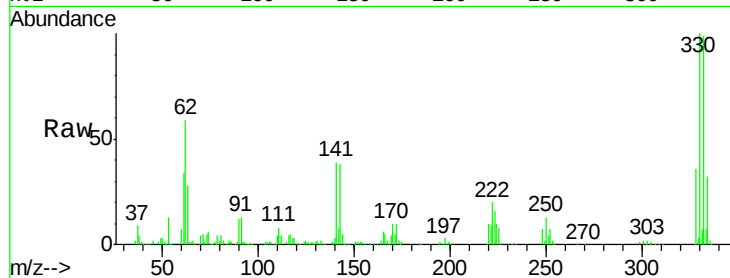
Time--> 8.65 8.70 8.75



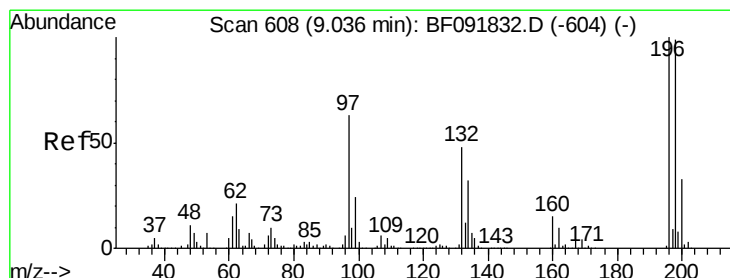
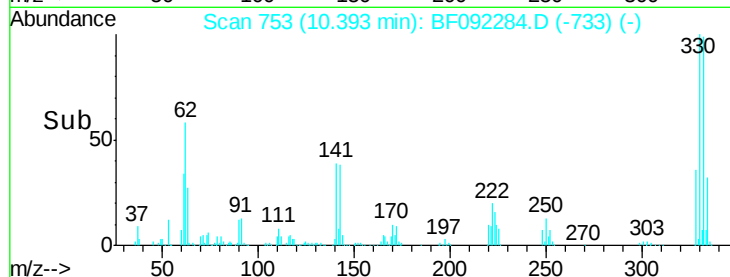
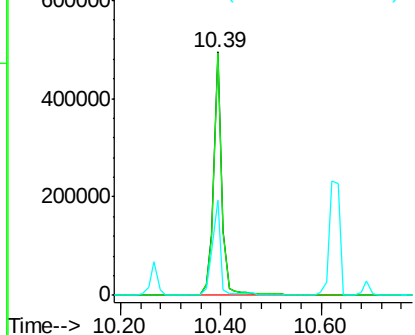
#41
 2,4,6-Tribromophenol
 Concen: 128.82 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleID :
 PB95965BS

Tgt Ion:330 Resp: 574583
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.2
 141 38.0 34.1 51.1

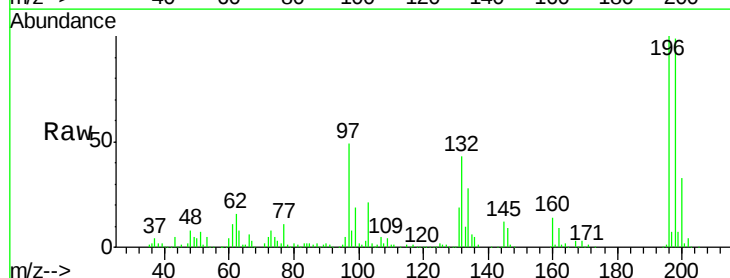


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

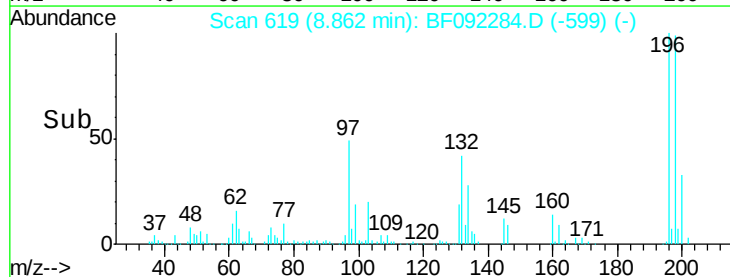
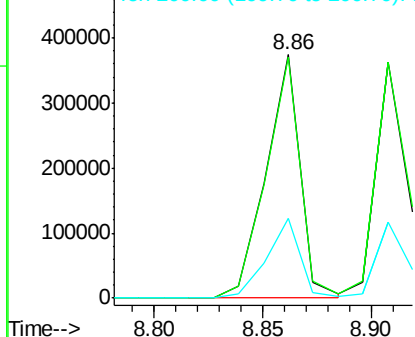


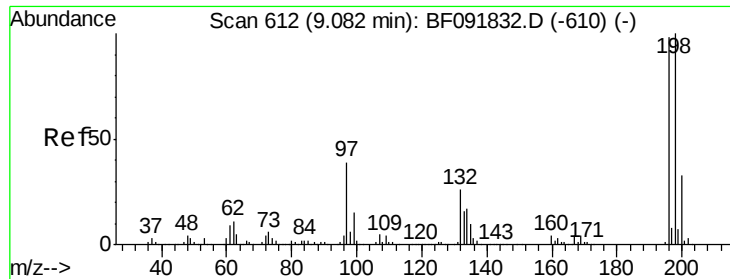
#42
 2,4,6-Trichlorophenol
 Concen: 43.19 ng
 RT: 8.86 min Scan# 619
 Delta R.T. -0.07 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:196 Resp: 411311
 Ion Ratio Lower Upper
 196 100
 198 99.2 82.1 123.1
 200 33.0 27.0 40.4



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

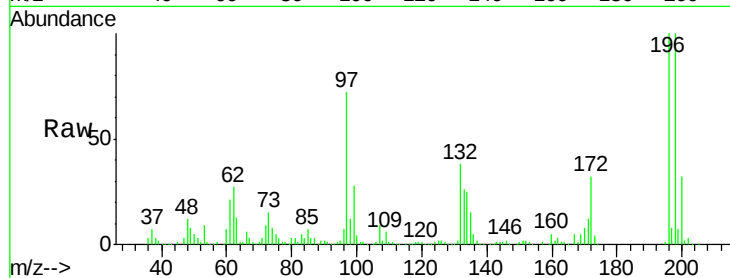




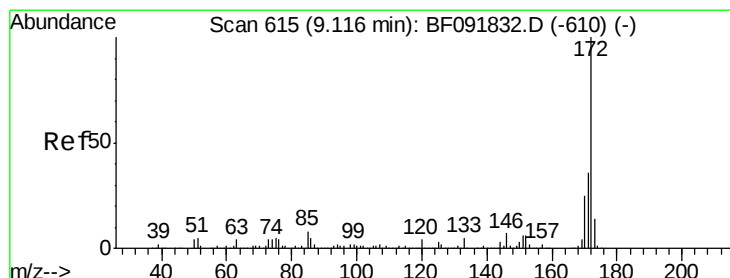
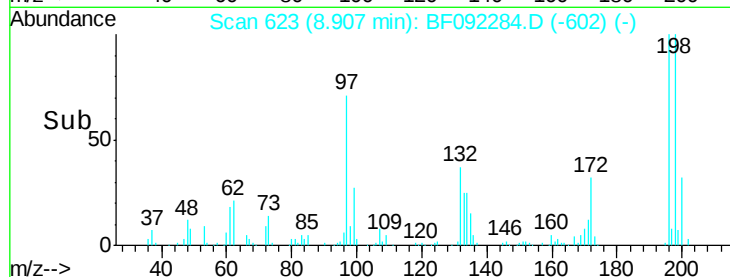
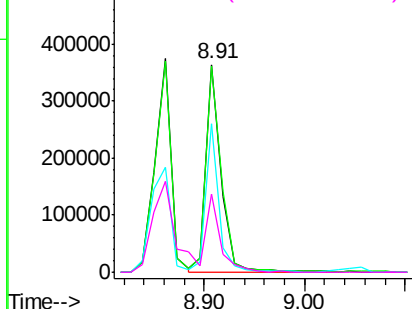
#43
2,4,5-Trichlorophenol
Concen: 38.87 ng
RT: 8.91 min Scan# 623
Delta R.T. -0.07 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion:196 Resp: 380981
Ion Ratio Lower Upper
196 100
198 99.6 79.4 119.2
97 71.7 51.5 77.3
132 37.7 27.4 41.2

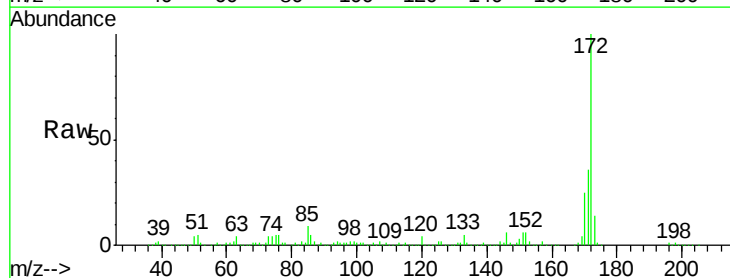


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

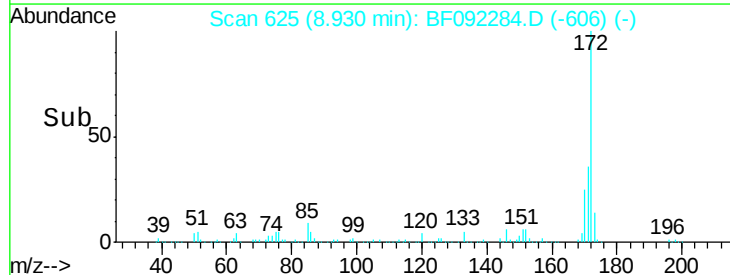
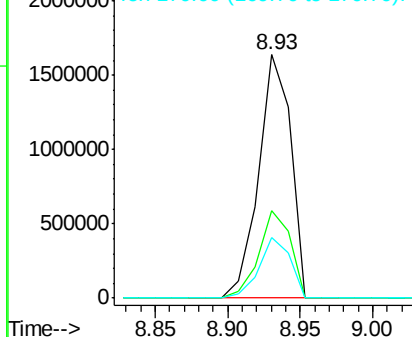


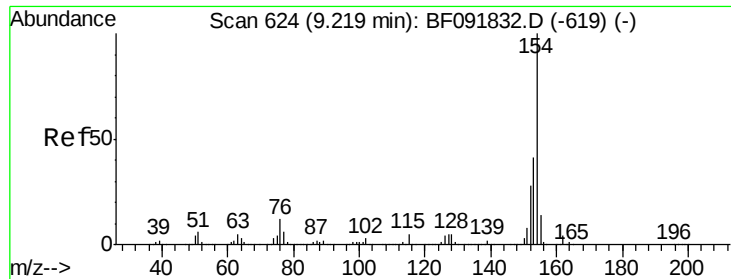
#44
2-Fluorobiphenyl
Concen: 97.46 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:172 Resp: 2513893
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.8 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

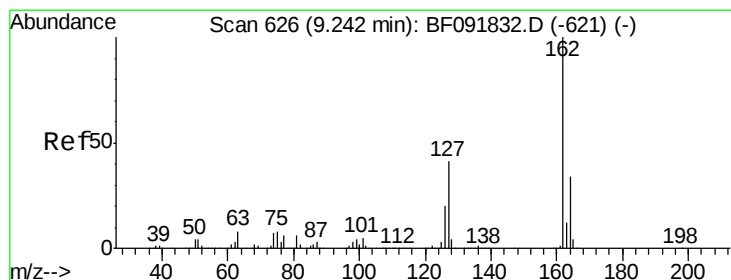
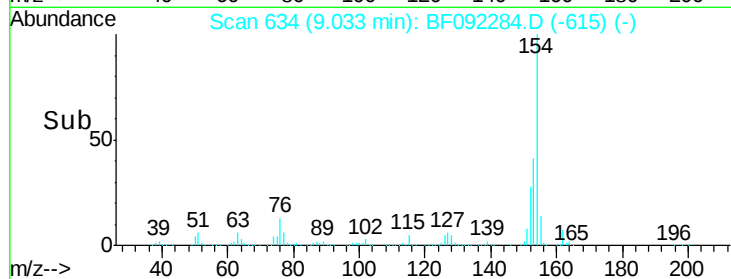
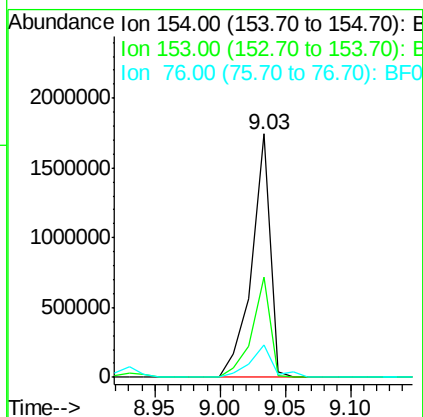
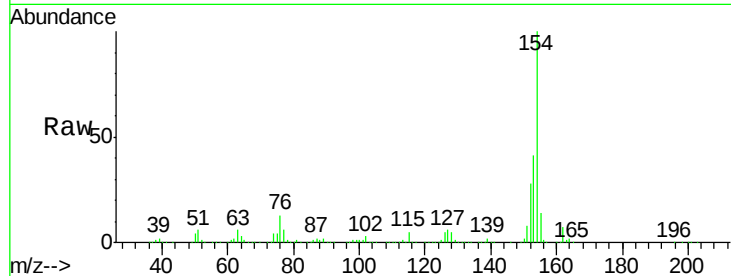




#45
 1,1'-Biphenyl
 Concen: 46.88 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

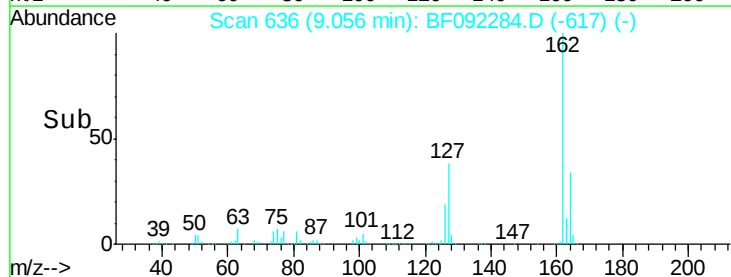
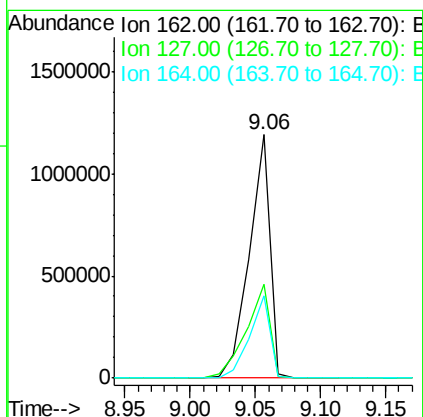
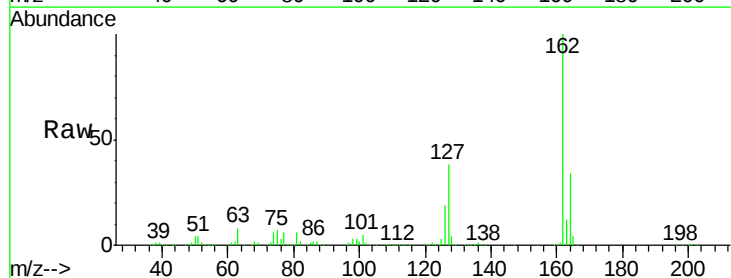
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

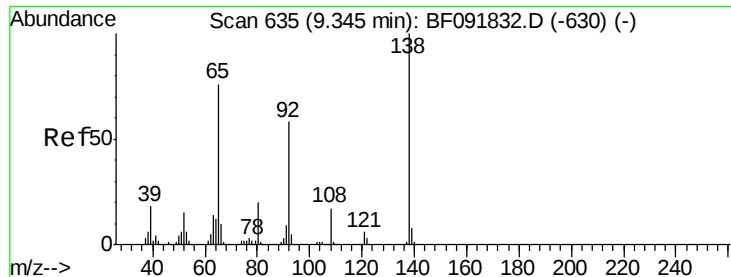
Tgt Ion:154 Resp: 1730048
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 13.1 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 44.89 ng
 RT: 9.06 min Scan# 636
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:162 Resp: 1311794
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 33.9 27.6 41.4

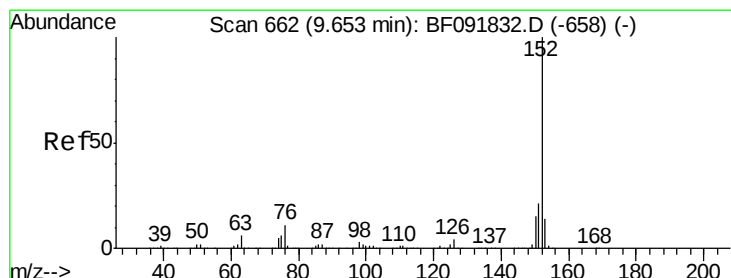
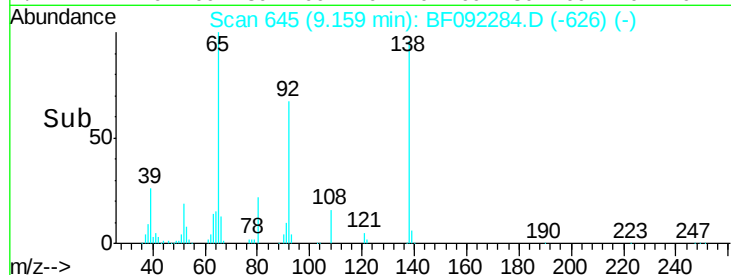
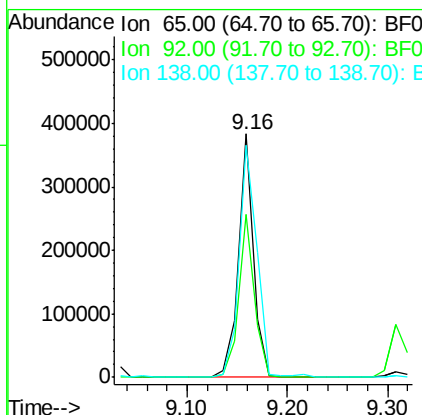
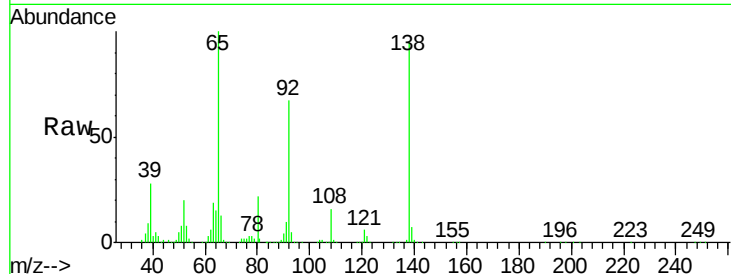




#47
 2-Nitroaniline
 Concen: 38.27 ng
 RT: 9.16 min Scan# 645
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

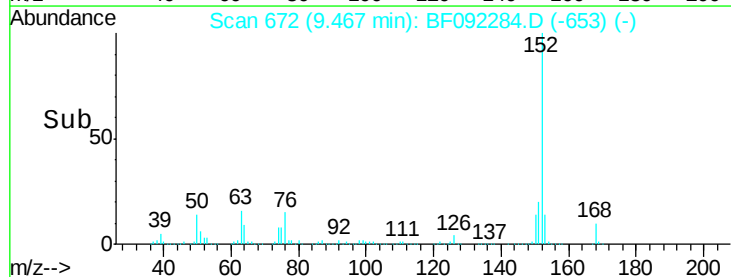
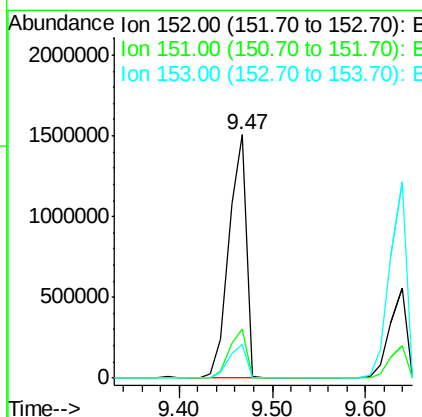
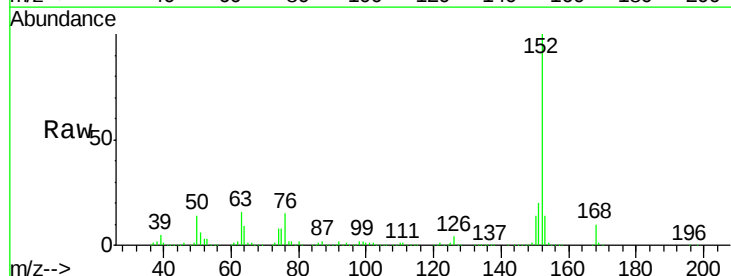
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

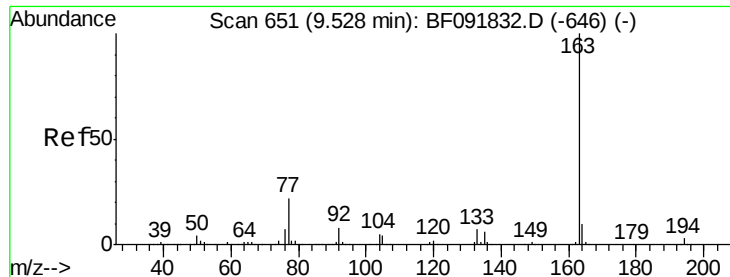
Tgt Ion:	65	Resp:	398189
Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	95.4	76.8	115.2



#48
 Acenaphthylene
 Concen: 43.77 ng
 RT: 9.47 min Scan# 672
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:	152	Resp:	1967281
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.1	11.4	17.2





#49

Dimethylphthalate

Concen: 45.69 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

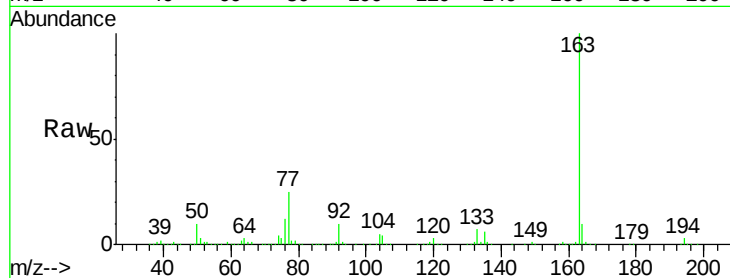
Tgt Ion:163 Resp: 1574981

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

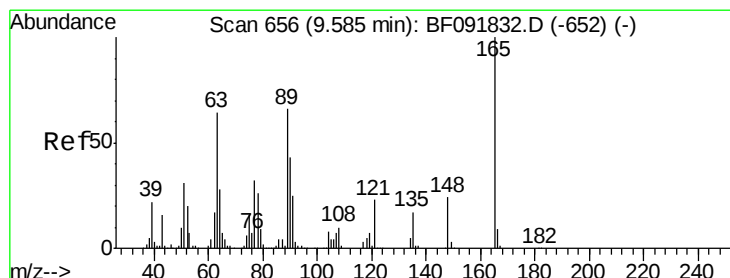
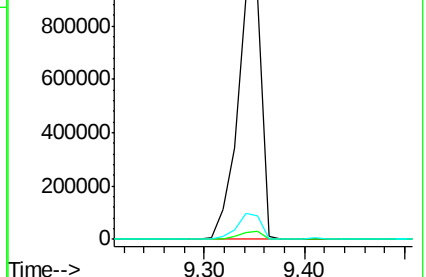
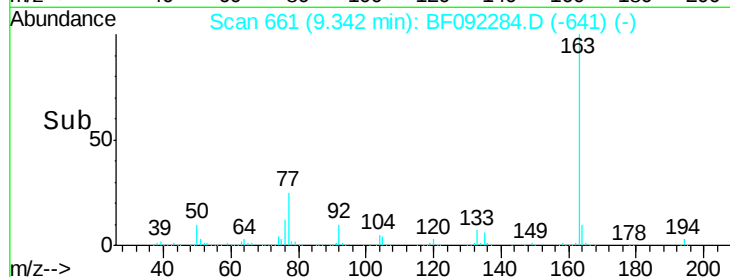
164 10.5 8.0 12.0



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: 50.01 ng

RT: 9.41 min Scan# 667

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

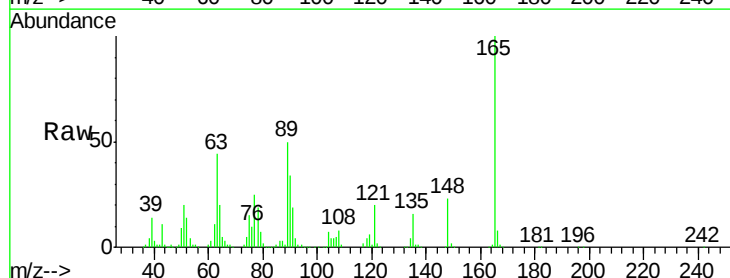
Tgt Ion:165 Resp: 377327

Ion Ratio Lower Upper

165 100

63 44.2 36.2 54.4

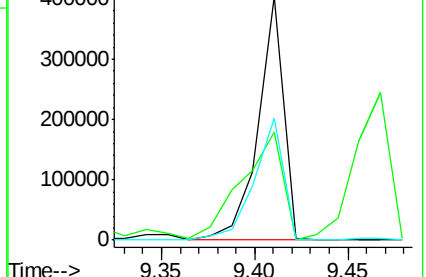
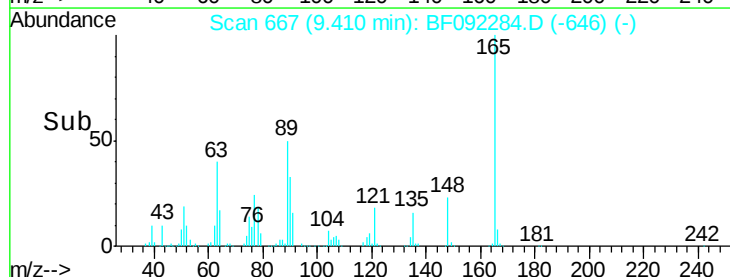
89 49.9 40.2 60.4

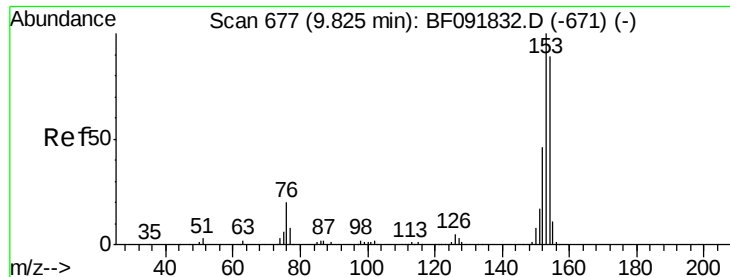


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.52 ng

RT: 9.64 min Scan# 687

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

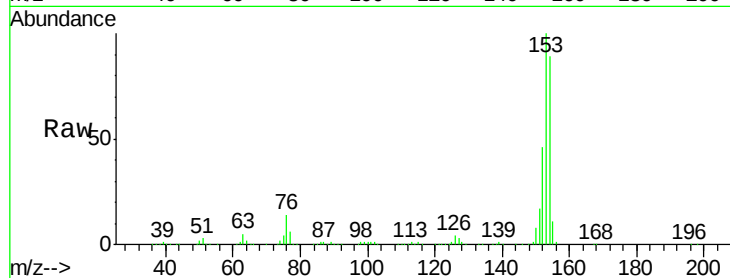
Tgt Ion:154 Resp: 1326168

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

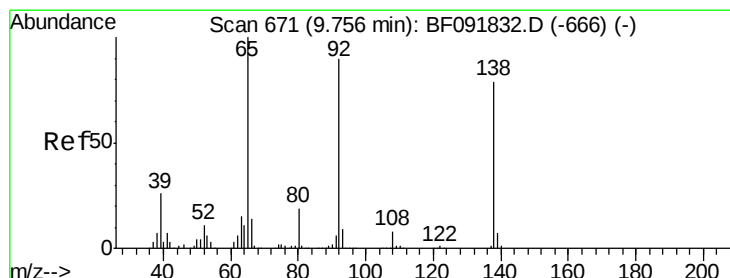
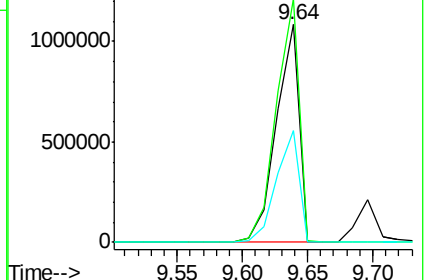
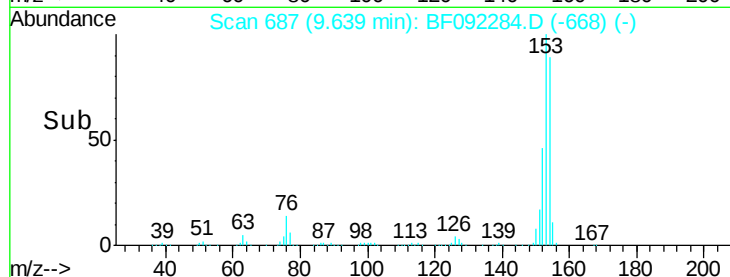
152 51.4 41.6 62.4



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: 23.16 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

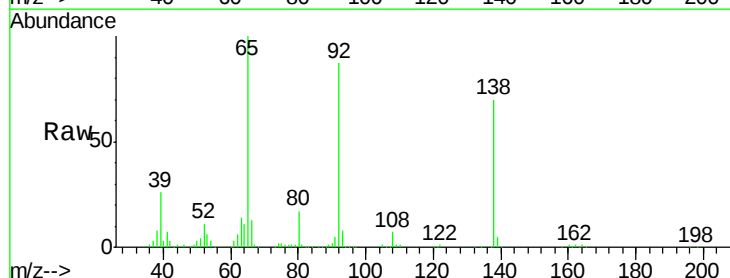
Tgt Ion:138 Resp: 216282

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

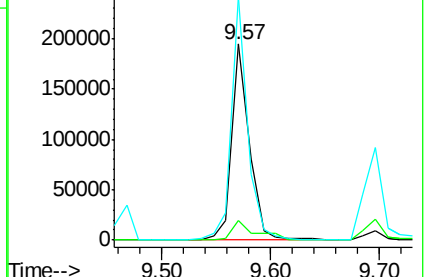
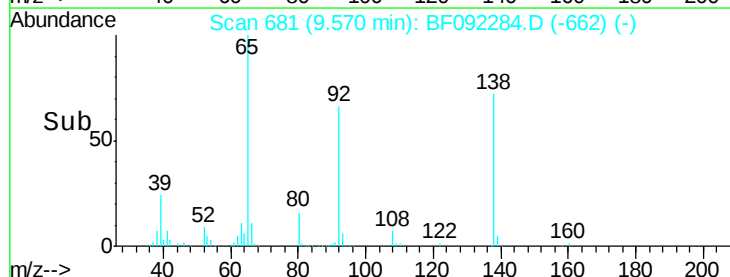
92 124.3 97.8 146.8

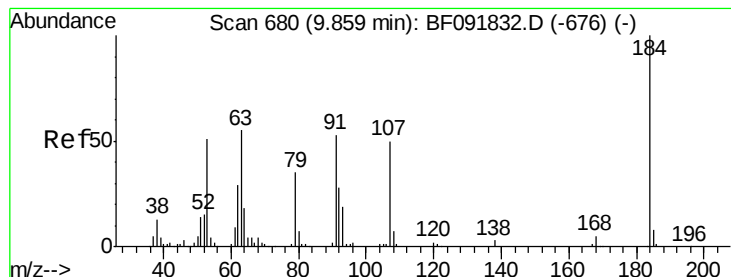


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 96.94 ng

RT: 9.70 min Scan# 692

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampled :

PB95965BS

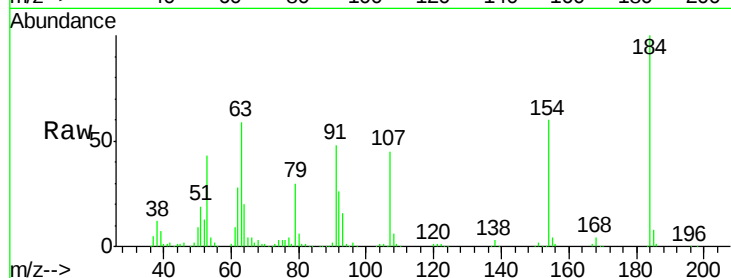
Tgt Ion:184 Resp: 406996

Ion Ratio Lower Upper

184 100

63 59.3 28.4 42.6#

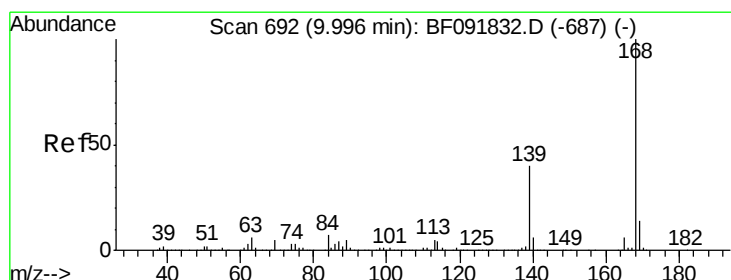
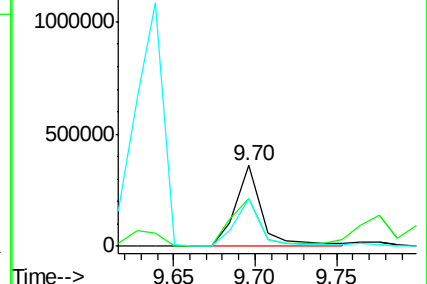
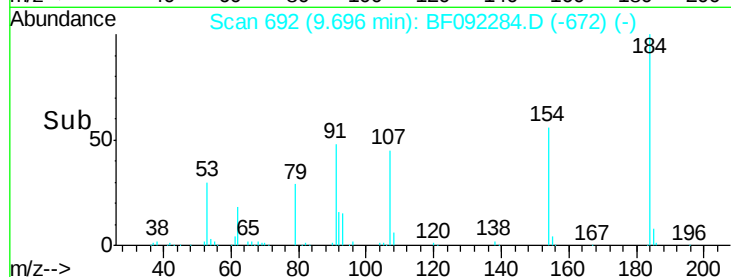
154 59.6 44.3 66.5



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: 44.23 ng

RT: 9.81 min Scan# 702

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

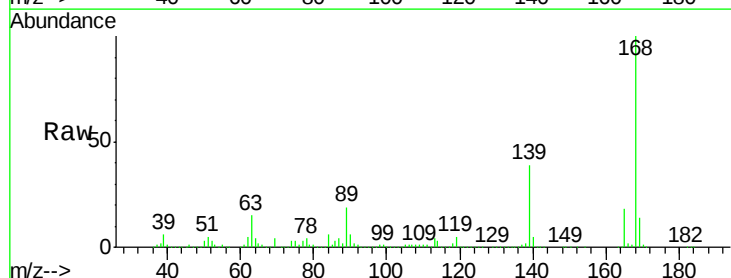
Tgt Ion:168 Resp: 1820213

Ion Ratio Lower Upper

168 100

139 38.5 32.6 49.0

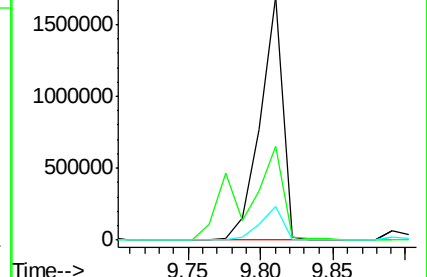
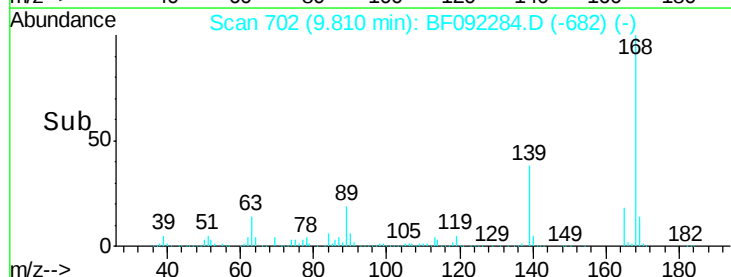
169 13.7 11.3 16.9

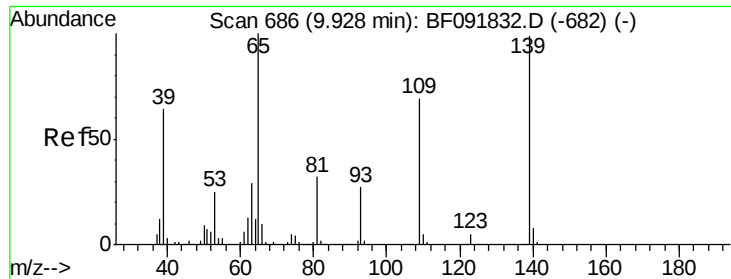


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

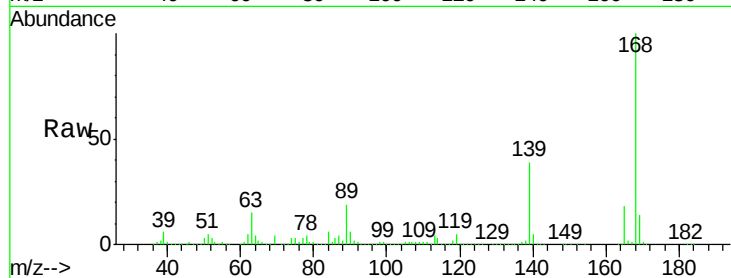




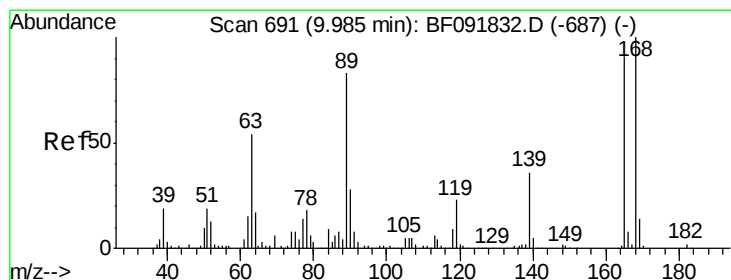
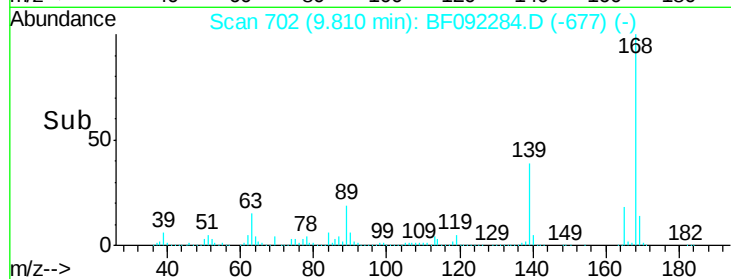
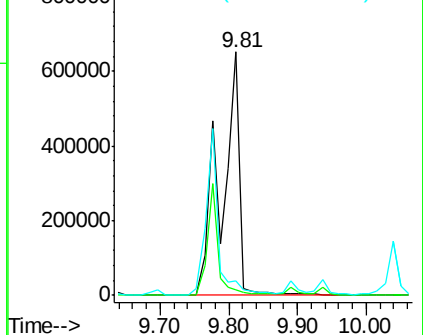
#55
4-Nitrophenol
Concen: 193.04 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB95965BS

Tgt Ion:139 Resp: 1223858
Ion Ratio Lower Upper
139 100
109 2.4 52.2 92.2#
65 6.0 85.8 125.8#



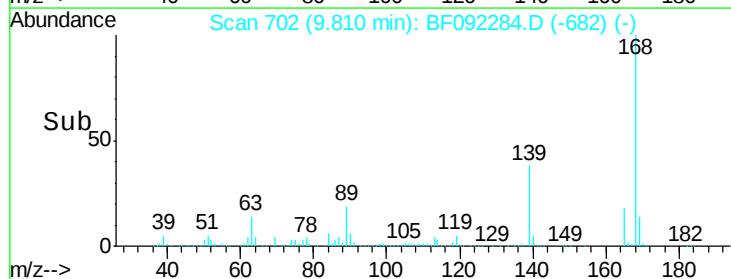
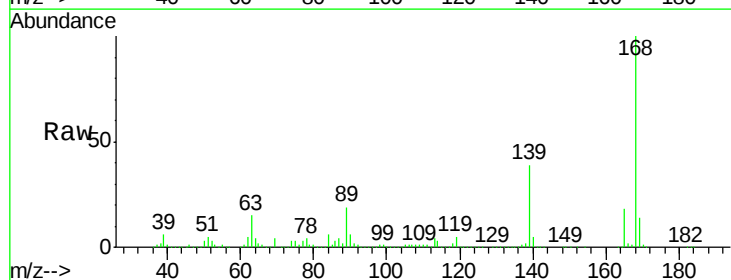
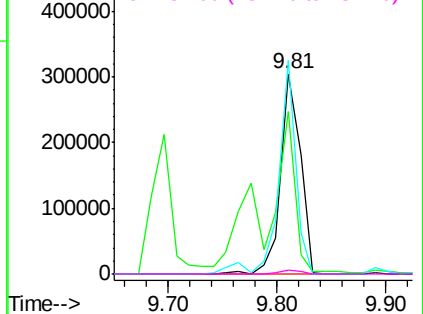
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

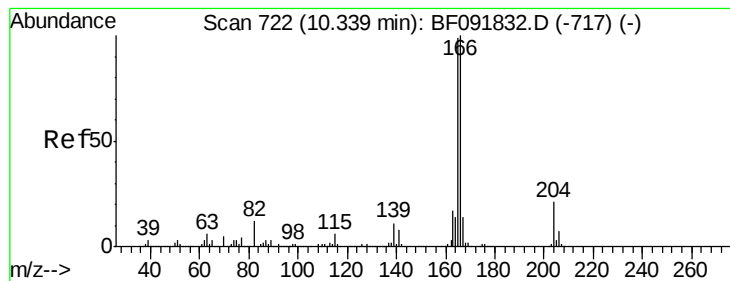


#56
2,4-Dinitrotoluene
Concen: 40.84 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.08 min
Lab File: BF092284.D
Acq: 16 Jan 2017 14:33

Tgt Ion:165 Resp: 386797
Ion Ratio Lower Upper
165 100
63 81.5 40.2 60.4#
89 106.9 62.5 93.7#
182 2.2 1.8 2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.46 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

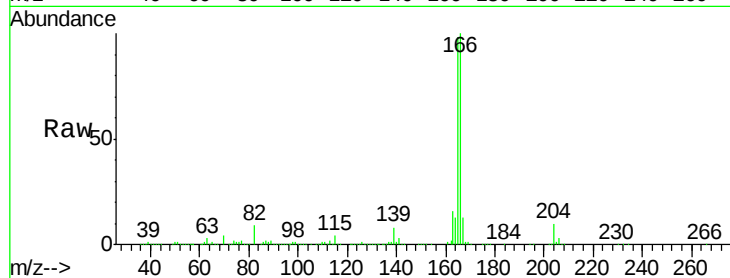
Tgt Ion:166 Resp: 1540777

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

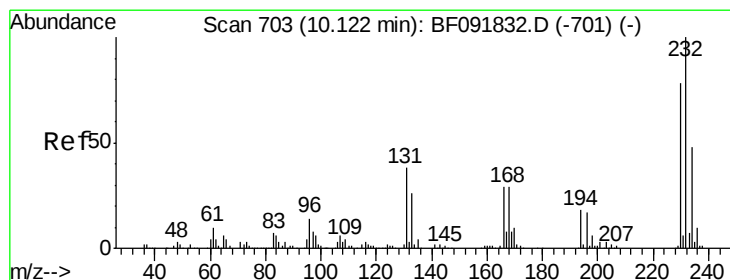
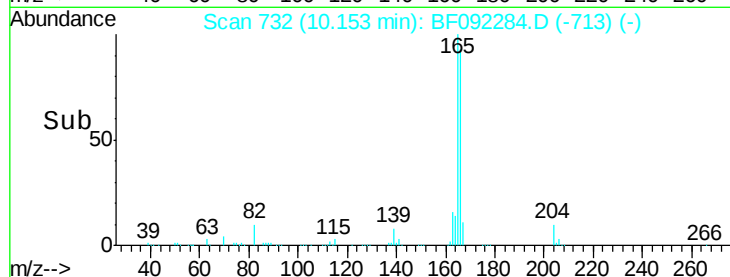
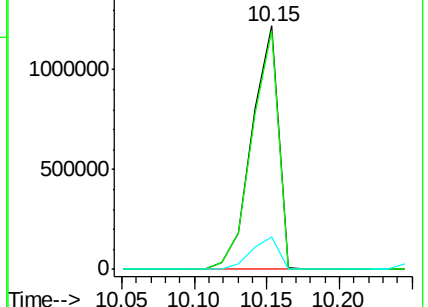
167 13.3 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.90 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion:232 Resp: 371334

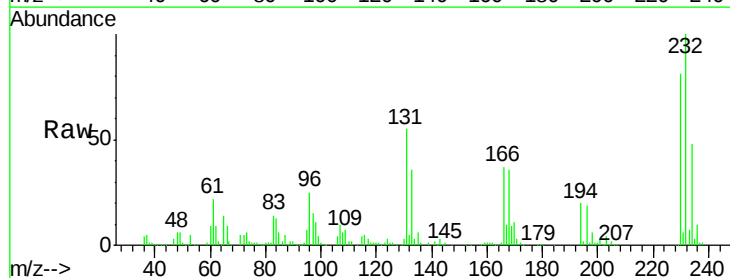
Ion Ratio Lower Upper

232 100

131 48.2 40.1 60.1

130 2.3 1.8 2.8

166 30.9 26.6 39.8

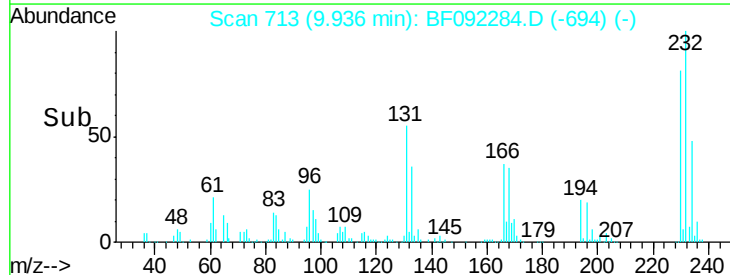
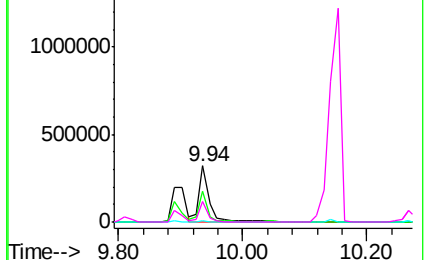


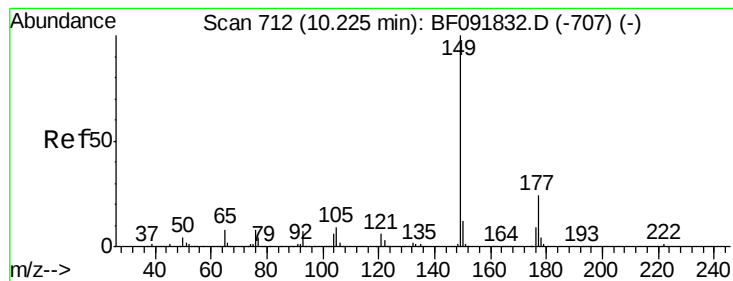
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.62 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

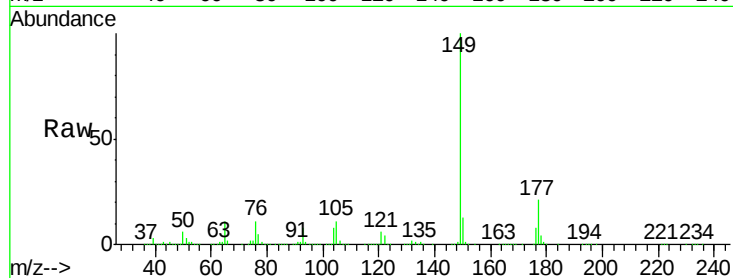
Tgt Ion:149 Resp: 1493668

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

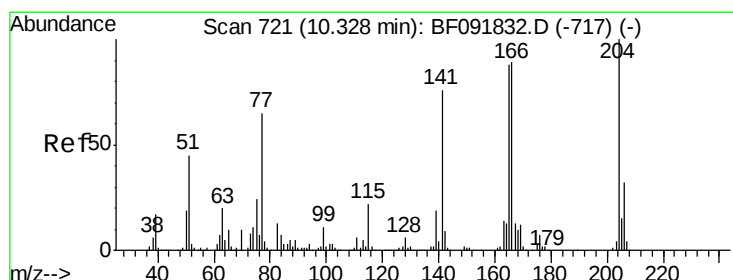
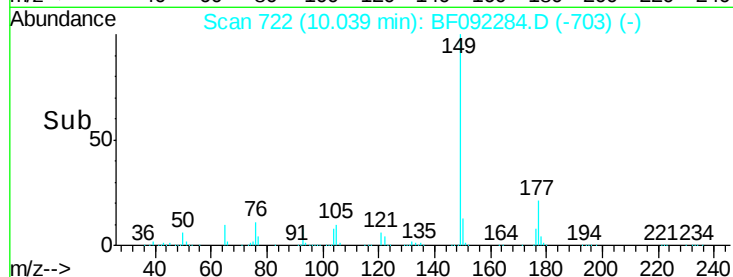
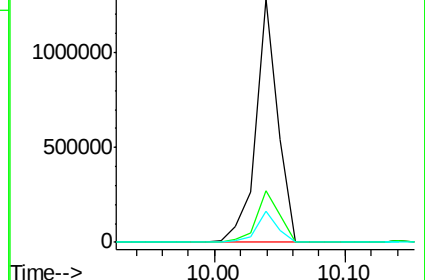
150 12.9 10.4 15.6



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: 44.62 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

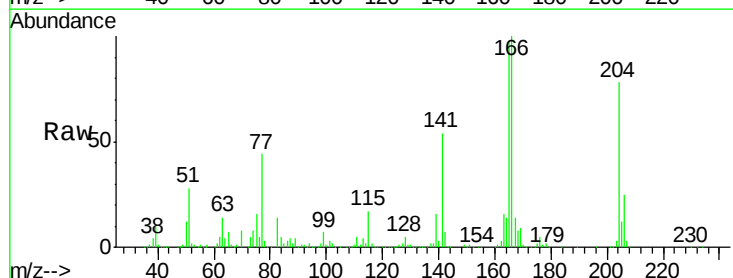
Tgt Ion:204 Resp: 584973

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

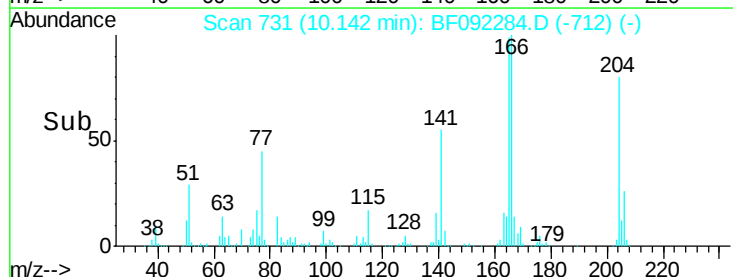
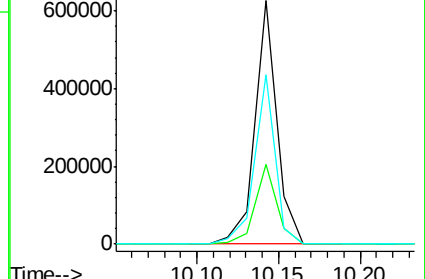
141 69.5 59.4 89.0

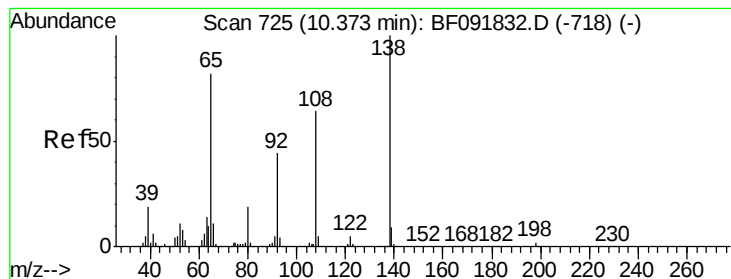


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.04 ng

RT: 10.20 min Scan# 736

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

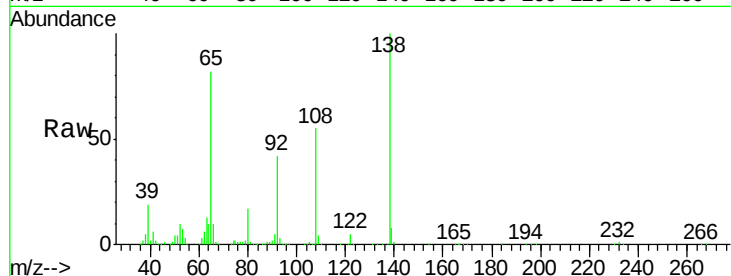
Tgt Ion:138 Resp: 493881

Ion Ratio Lower Upper

138 100

92 41.5 31.7 71.7

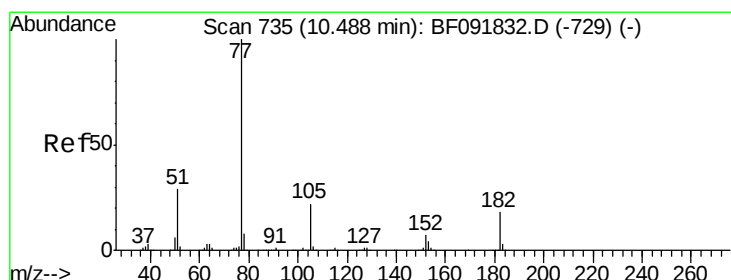
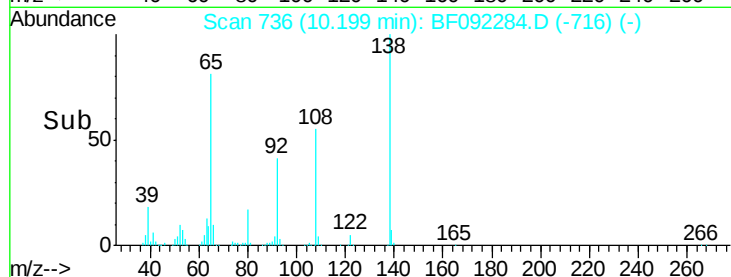
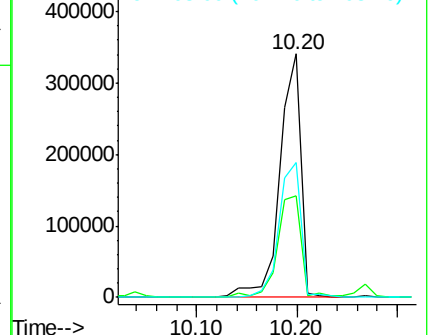
108 55.2 52.6 92.6



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: 50.15 ng

RT: 10.30 min Scan# 745

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Tgt Ion: 77 Resp: 1848339

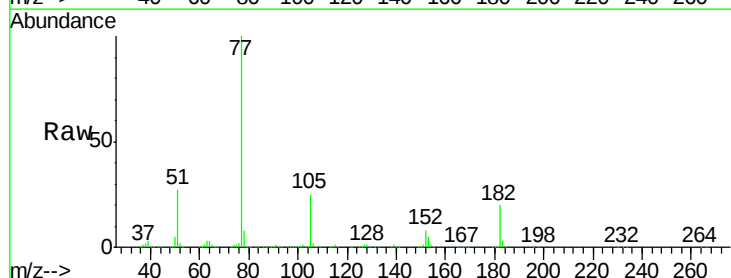
Ion Ratio Lower Upper

77 100

182 20.5 0.0 39.3

105 24.7 2.3 42.3

51 27.3 8.9 48.9

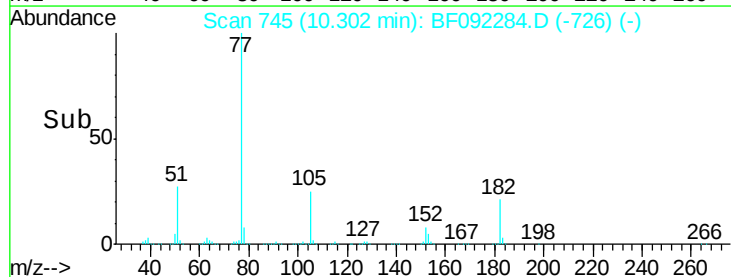
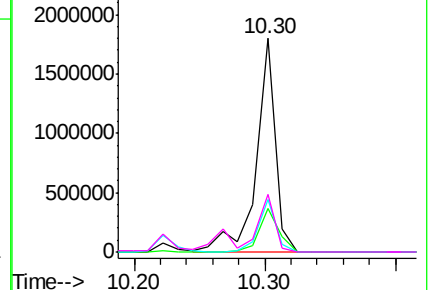


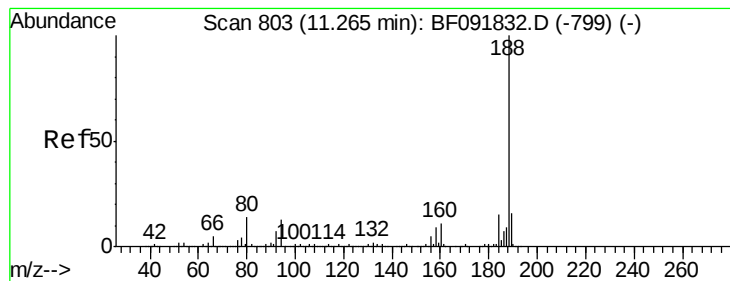
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.08 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

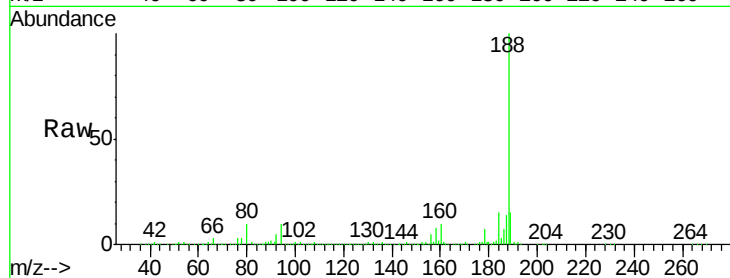
Tgt Ion:188 Resp: 968497

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

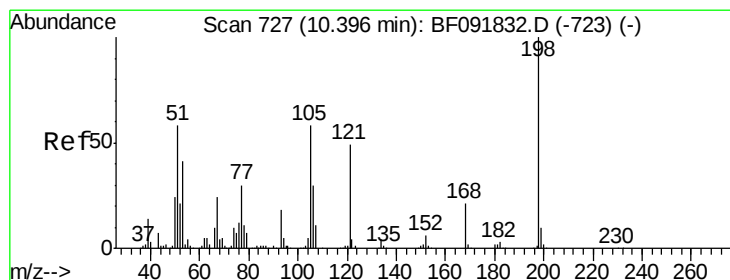
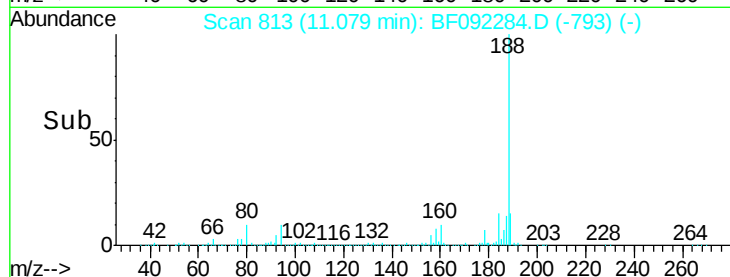
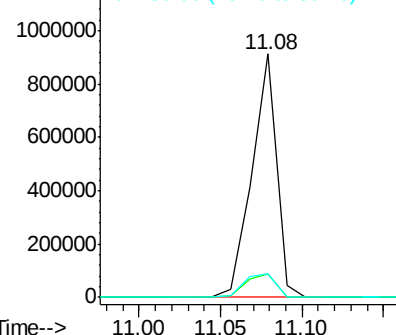
80 9.8 11.2 16.8#



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: 49.78 ng

RT: 10.22 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

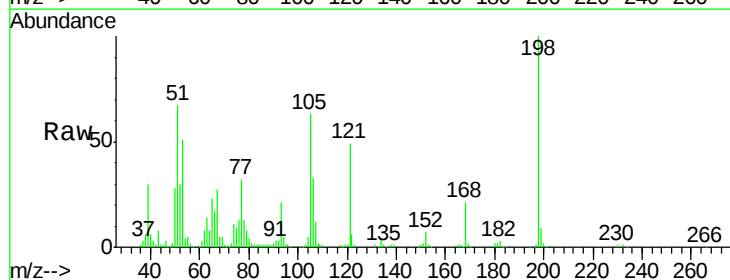
Tgt Ion:198 Resp: 291521

Ion Ratio Lower Upper

198 100

51 66.7 6.7 46.7#

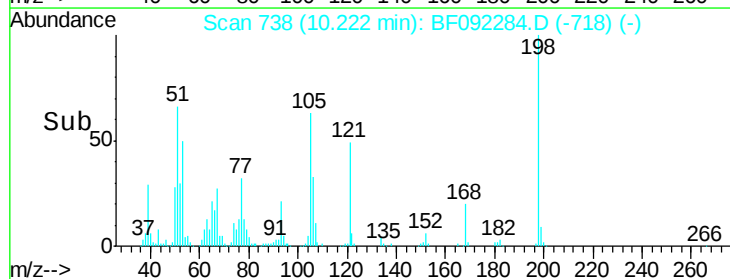
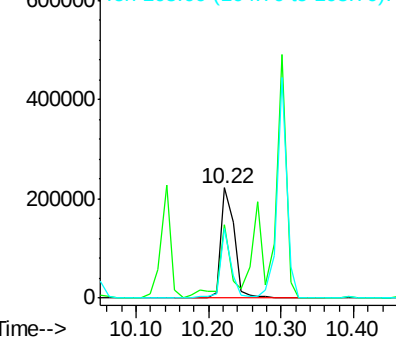
105 63.0 16.6 56.6#

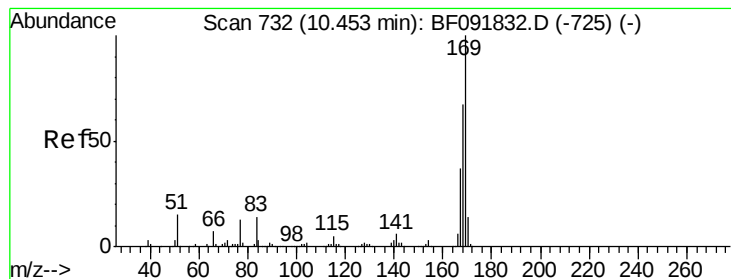


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.63 ng

RT: 10.27 min Scan# 742

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

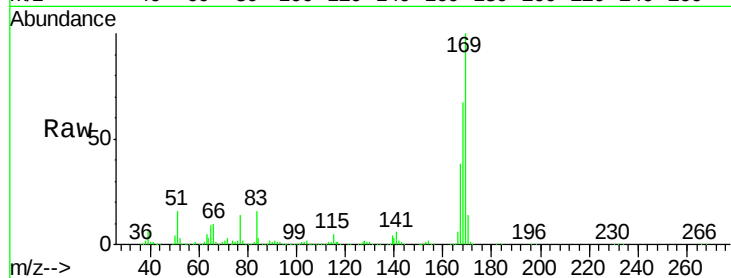
Tgt Ion:169 Resp: 1282738

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

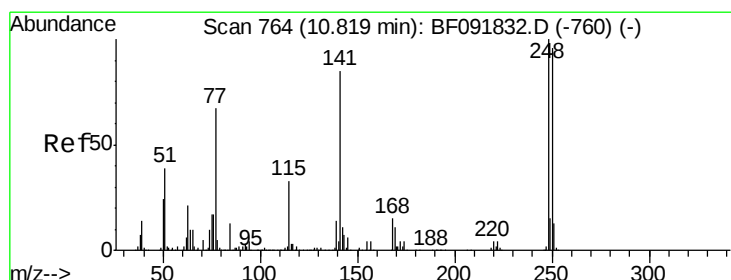
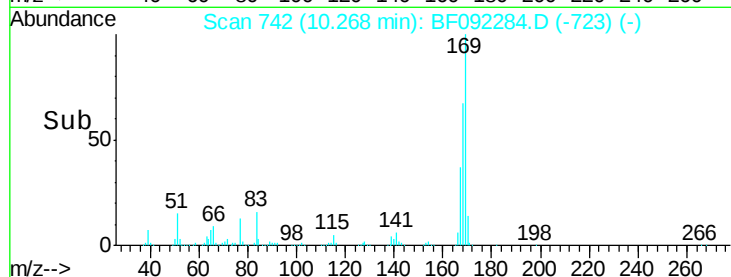
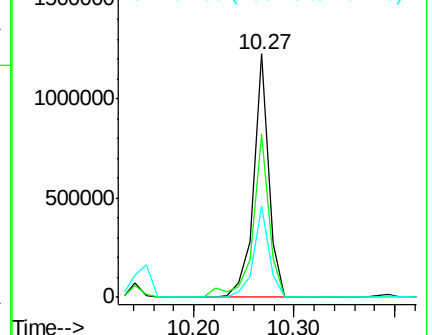
167 37.5 30.2 45.4



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: 48.16 ng

RT: 10.63 min Scan# 774

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

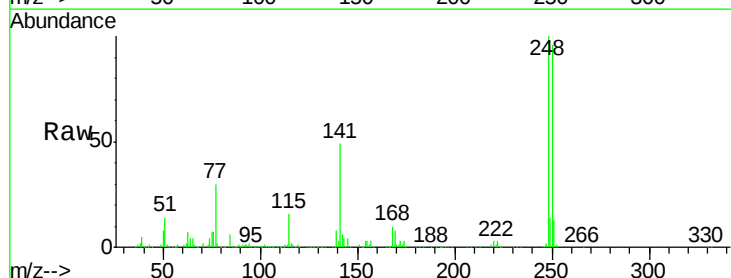
Tgt Ion:248 Resp: 485225

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

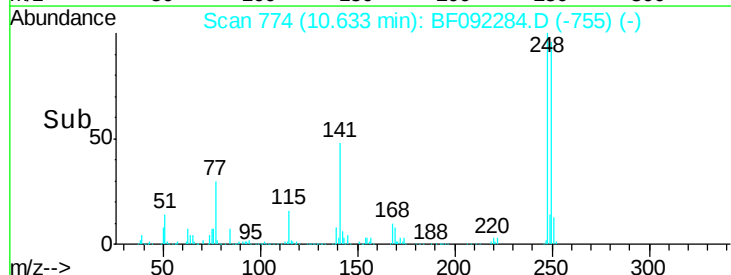
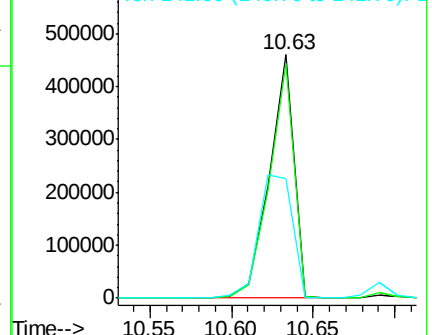
141 49.2 68.2 102.4#

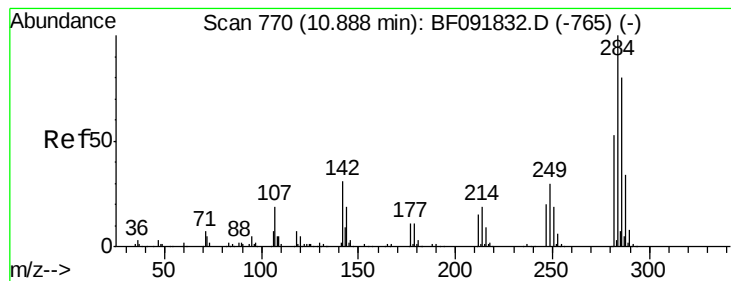


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.68 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

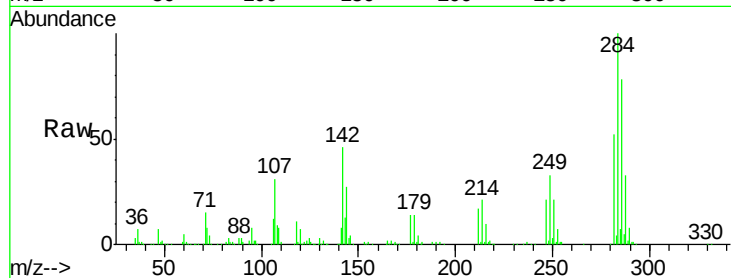
Tgt Ion:284 Resp: 459561

Ion Ratio Lower Upper

284 100

142 45.6 22.6 33.8#

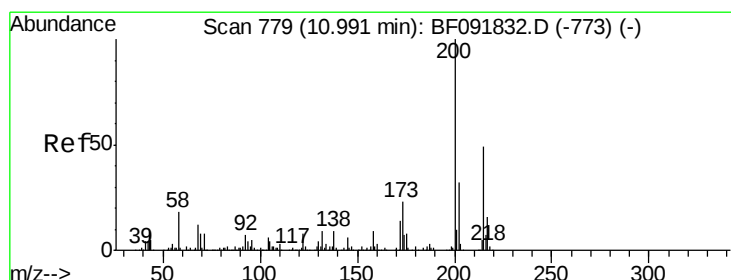
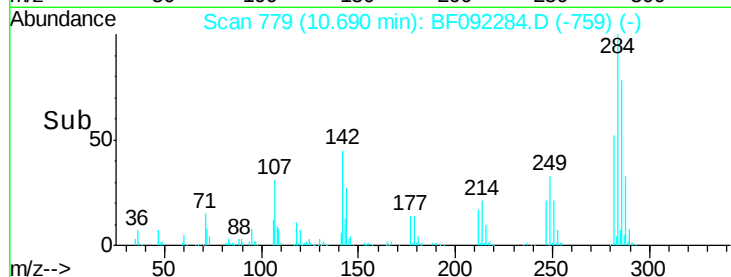
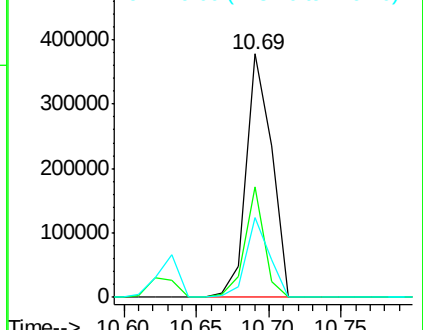
249 32.8 25.4 38.0



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: 43.99 ng

RT: 10.80 min Scan# 789

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

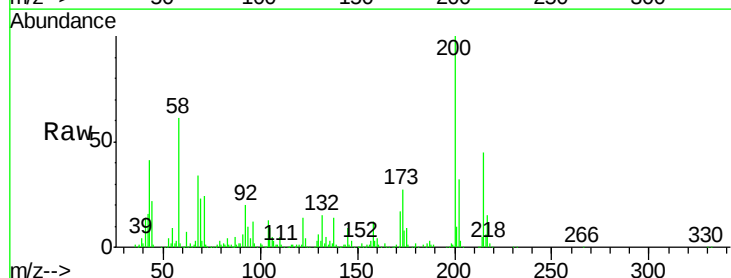
Tgt Ion:200 Resp: 407804

Ion Ratio Lower Upper

200 100

173 27.3 9.6 49.6

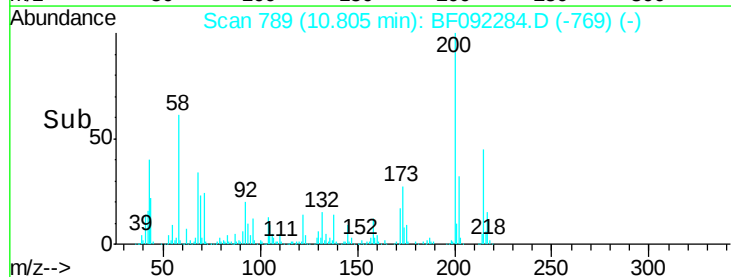
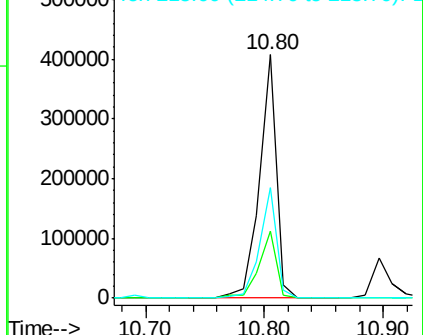
215 45.2 25.7 65.7

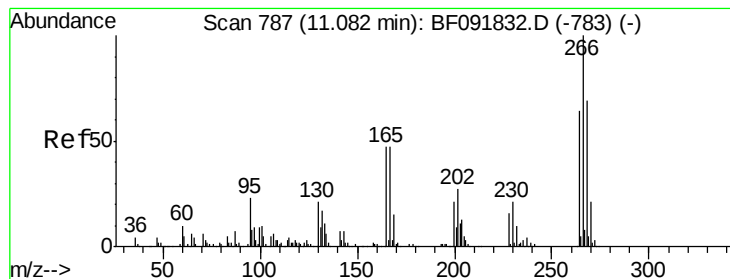


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.48 ng

RT: 10.90 min Scan# 797

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

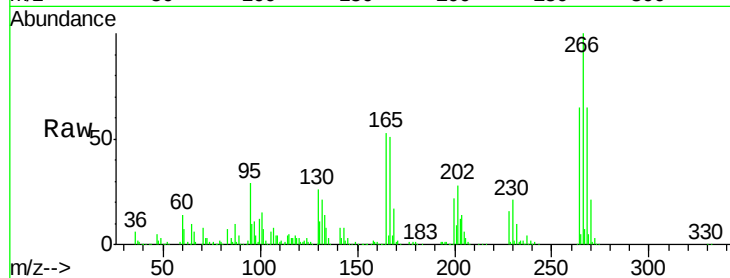
Tgt Ion:266 Resp: 419949

Ion Ratio Lower Upper

266 100

268 64.8 53.3 79.9

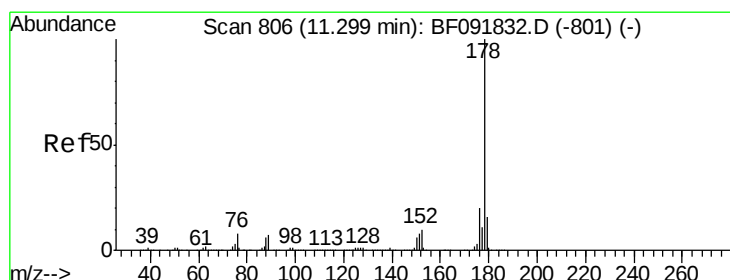
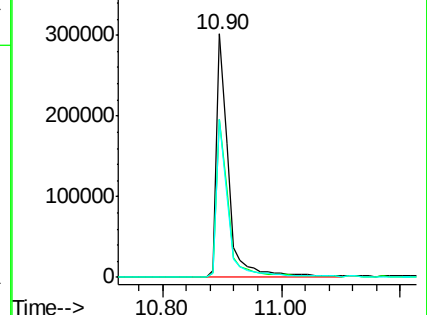
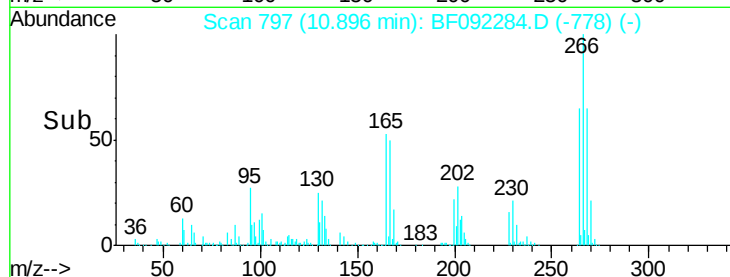
264 64.7 50.3 75.5



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: 41.26 ng

RT: 11.10 min Scan# 815

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

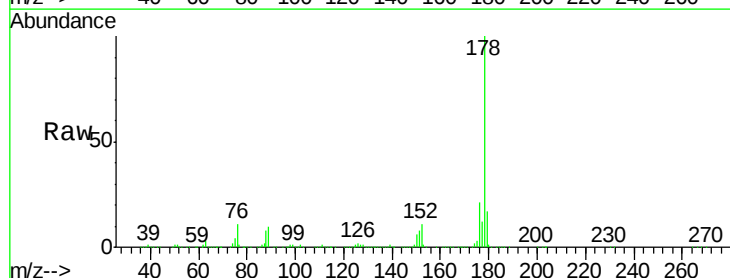
Tgt Ion:178 Resp: 2167020

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

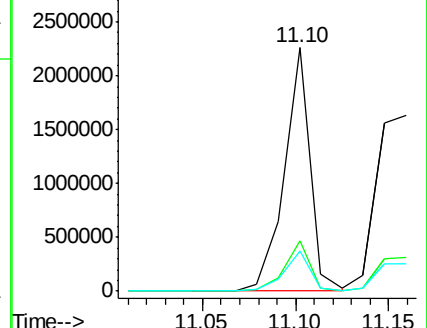
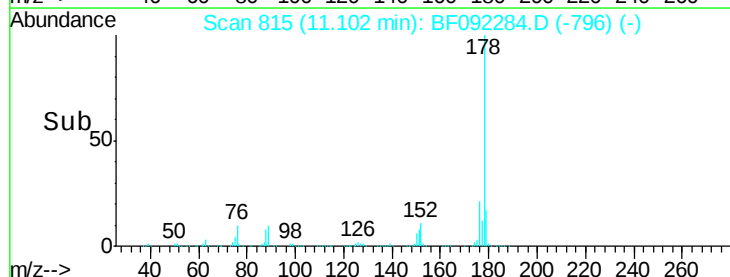
179 16.6 12.8 19.2

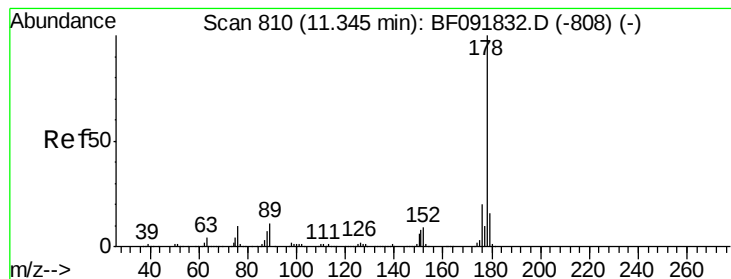


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.63 ng

RT: 11.16 min Scan# 820

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

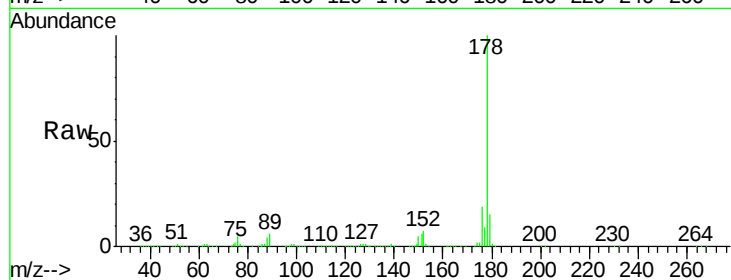
Tgt Ion:178 Resp: 2309070

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

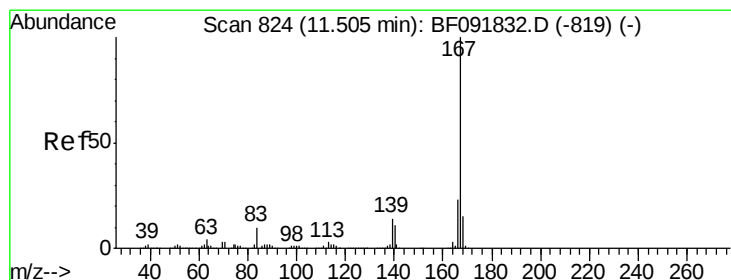
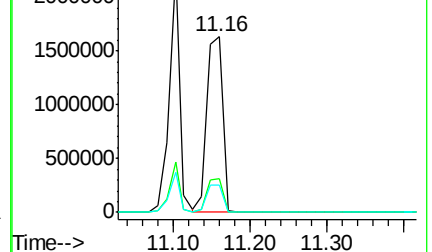
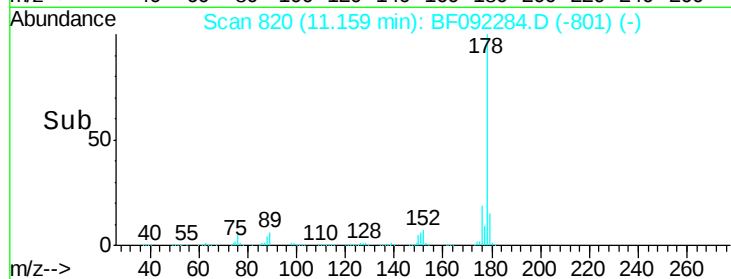
179 15.4 13.2 19.8



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: 68.32 ng

RT: 11.32 min Scan# 834

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

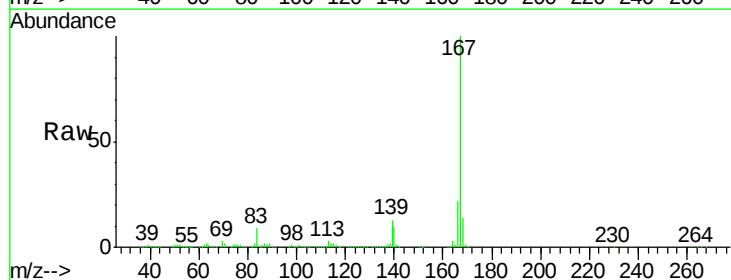
Tgt Ion:167 Resp: 2270233

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

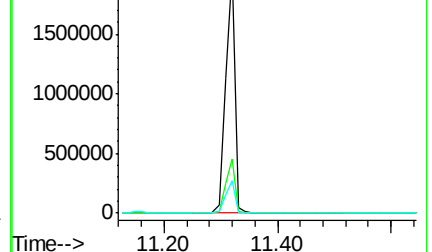
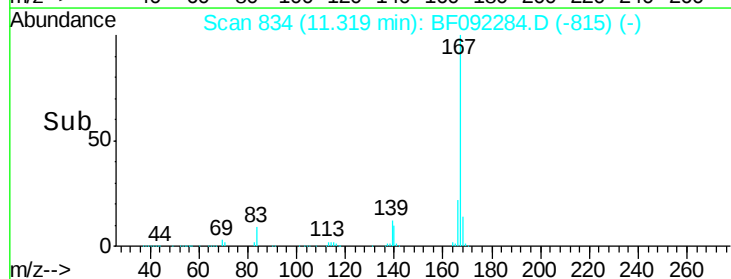
139 13.1 11.4 17.2

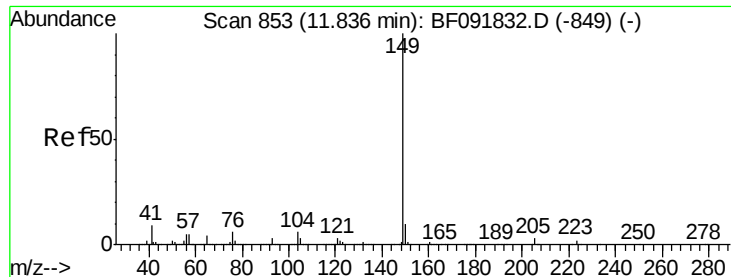


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.12 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

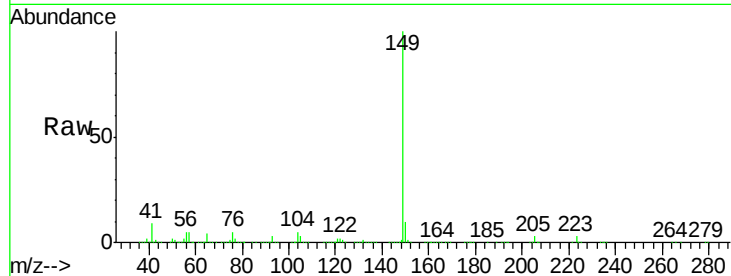
Tgt Ion:149 Resp: 2380167

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

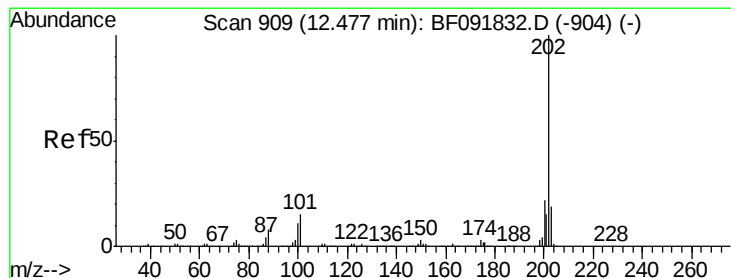
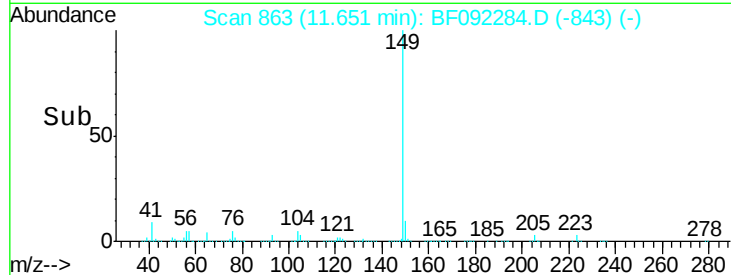
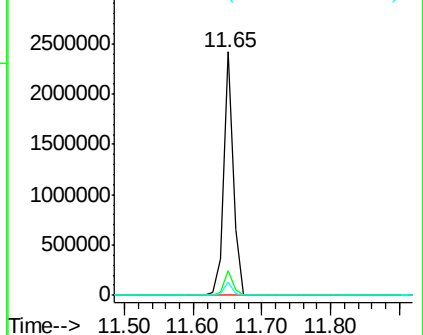
104 5.4 4.6 7.0



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: 44.45 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

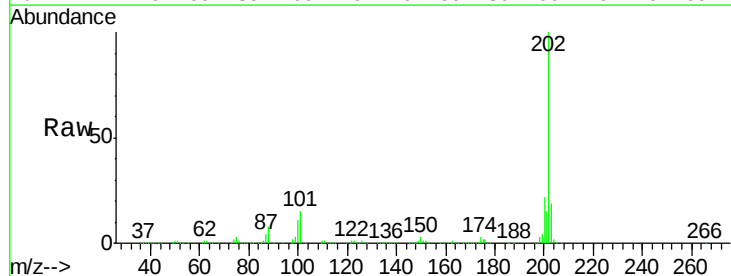
Tgt Ion:202 Resp: 2050226

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

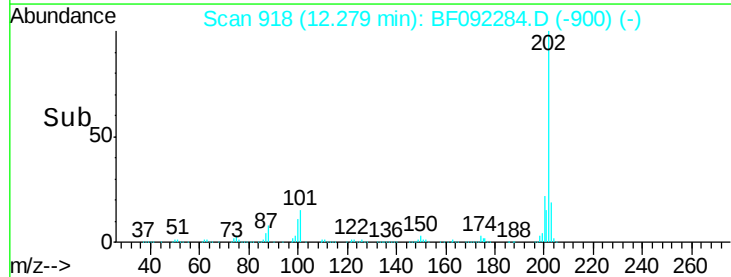
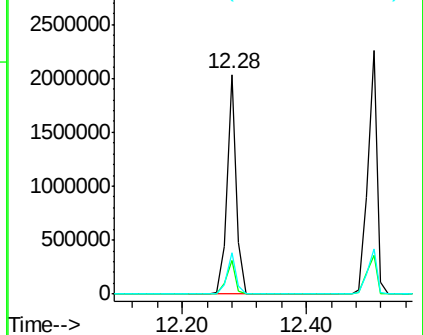
203 18.9 0.0 38.7

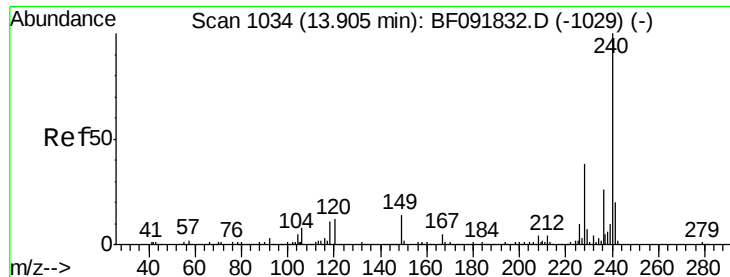


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

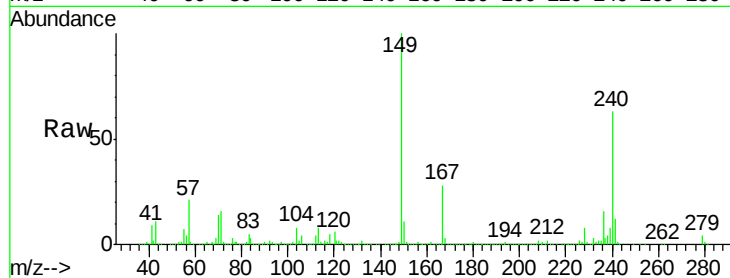
Tgt Ion:240 Resp: 646036

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

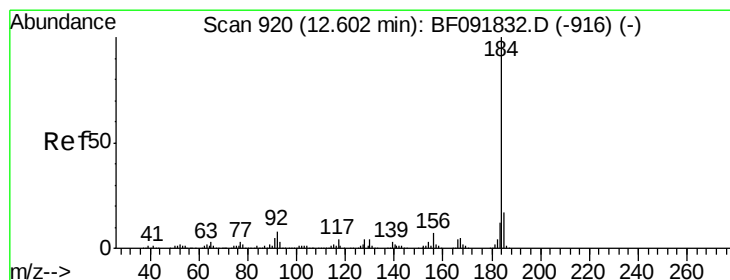
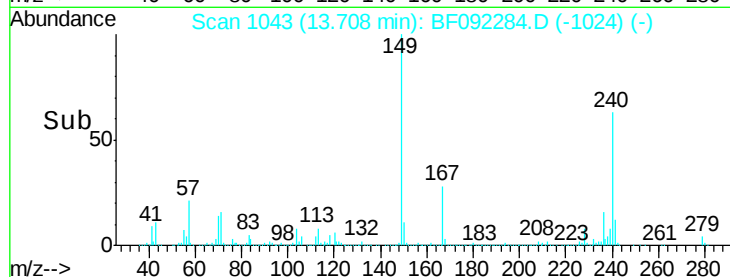
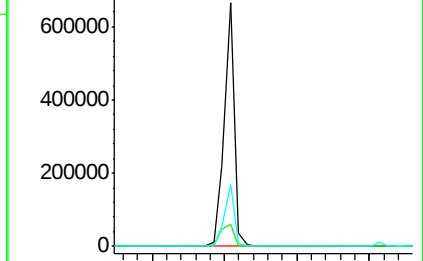
236 25.6 20.9 31.3



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: 54.21 ng

RT: 12.42 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

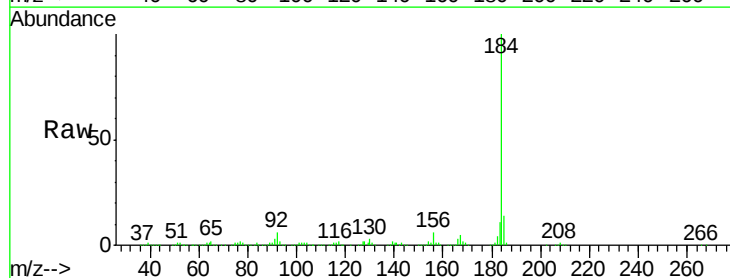
Tgt Ion:184 Resp: 851122

Ion Ratio Lower Upper

184 100

185 13.7 13.4 20.0

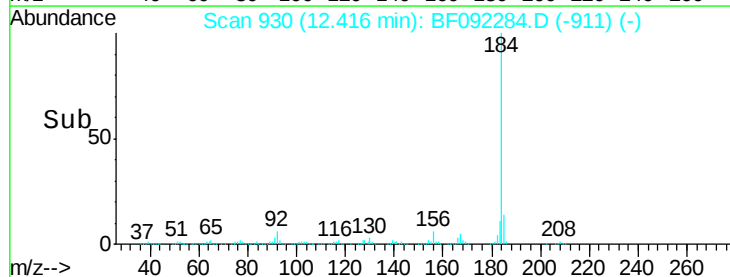
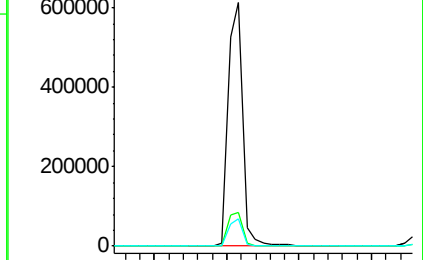
183 11.2 9.2 13.8

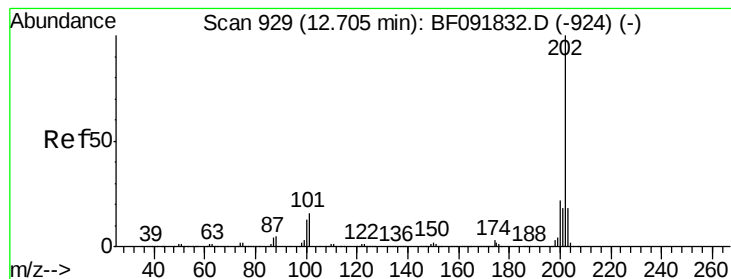


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.03 ng

RT: 12.51 min Scan# 938

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

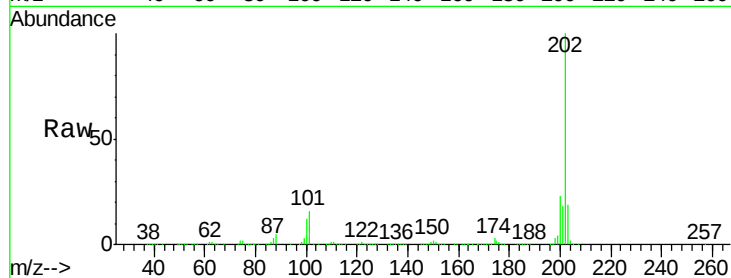
Tgt Ion:202 Resp: 2276550

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

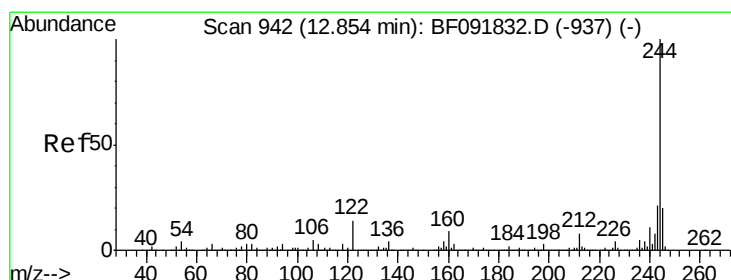
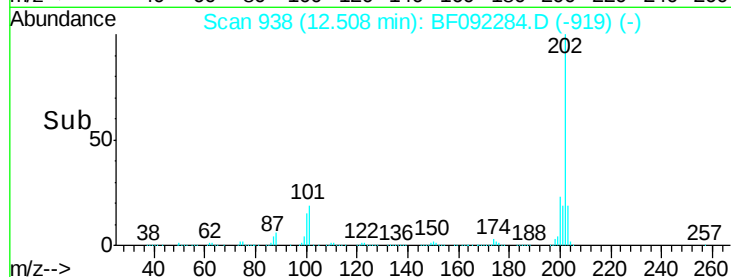
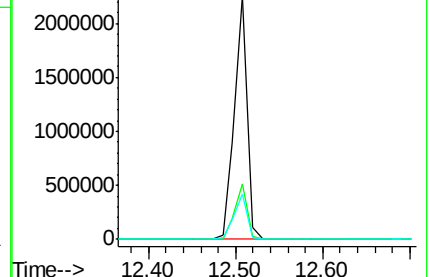
203 18.6 14.7 22.1



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: 94.21 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

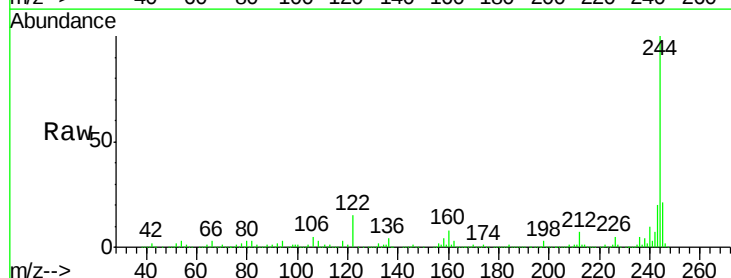
Tgt Ion:244 Resp: 2509439

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

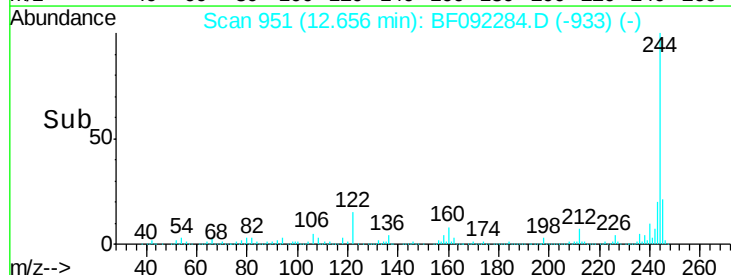
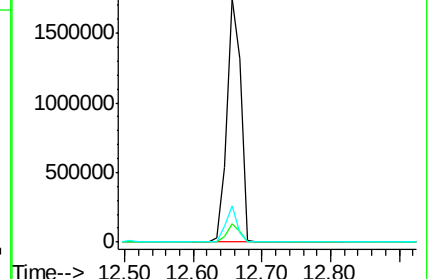
122 14.7 11.4 17.2

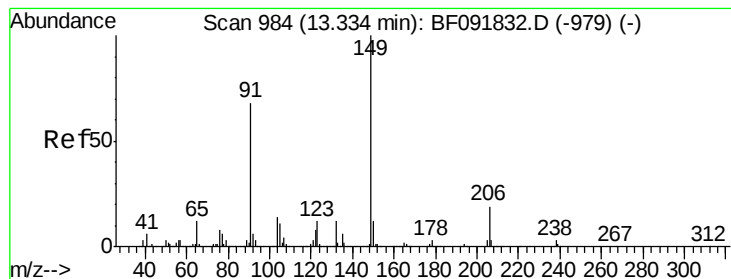


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.04 ng

RT: 13.14 min Scan# 993

Delta R.T. -0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

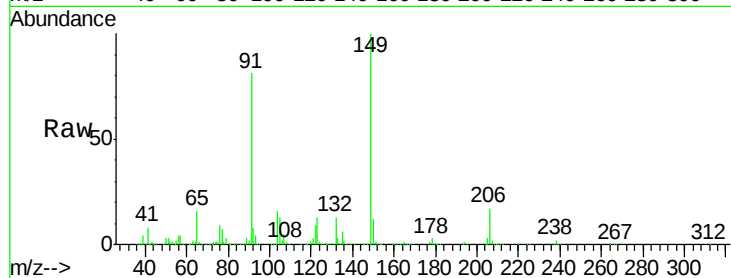
Tgt Ion:149 Resp: 1013986

Ion Ratio Lower Upper

149 100

91 81.2 63.9 95.9

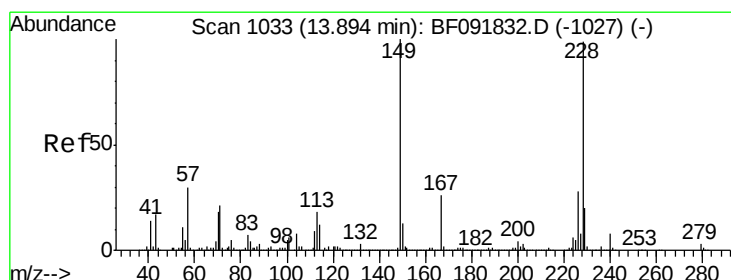
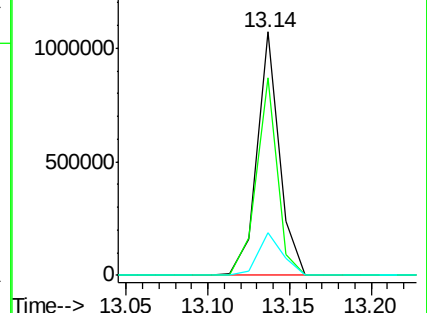
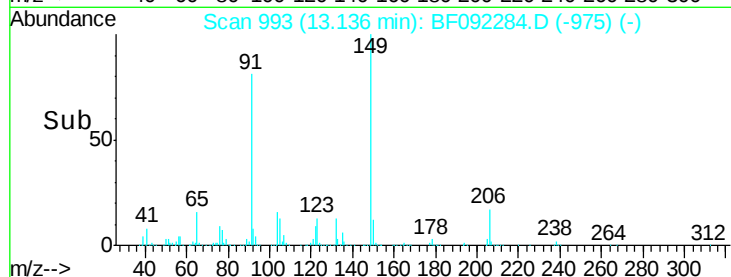
206 17.4 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.80 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

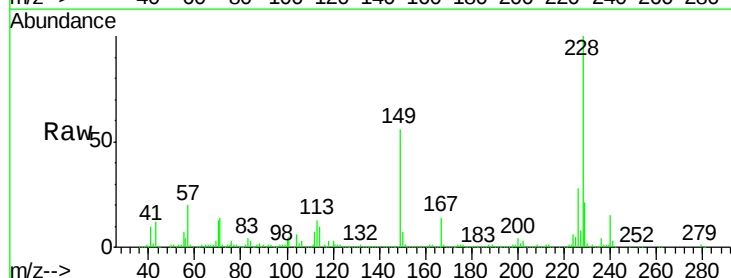
Tgt Ion:228 Resp: 1852690

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

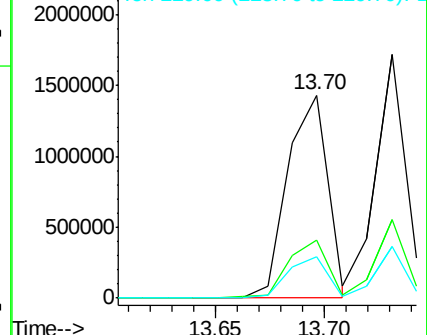
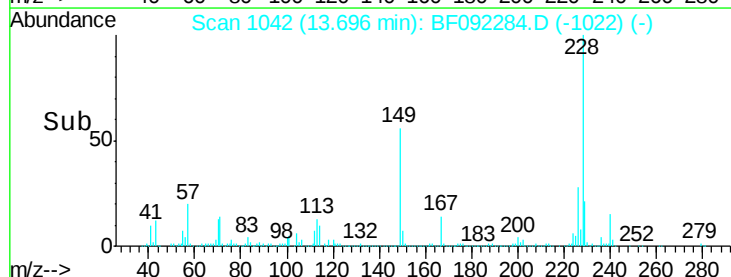
229 20.7 16.2 24.4

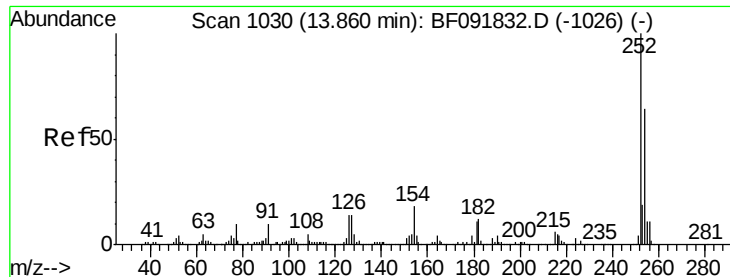


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

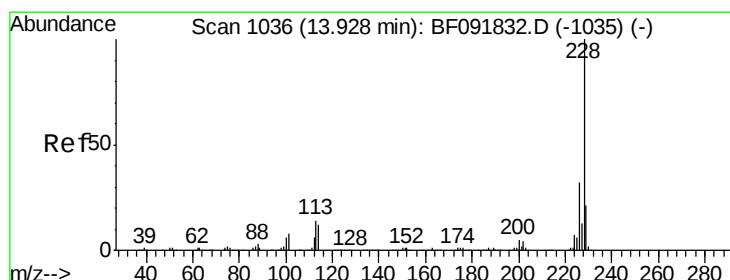
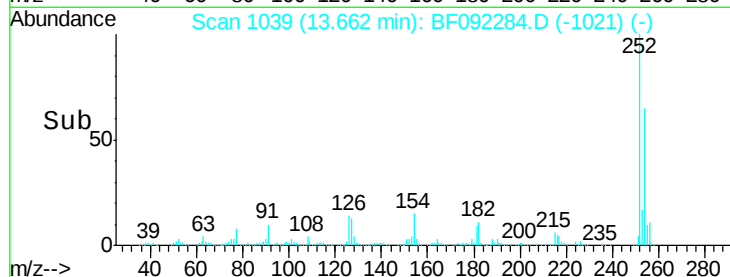
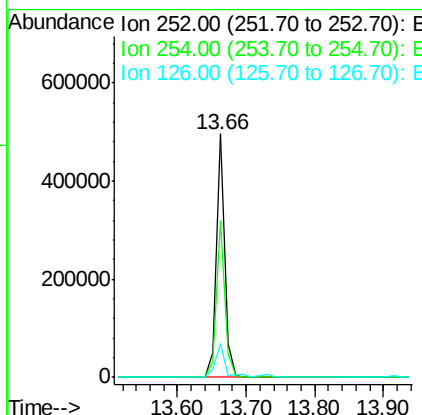
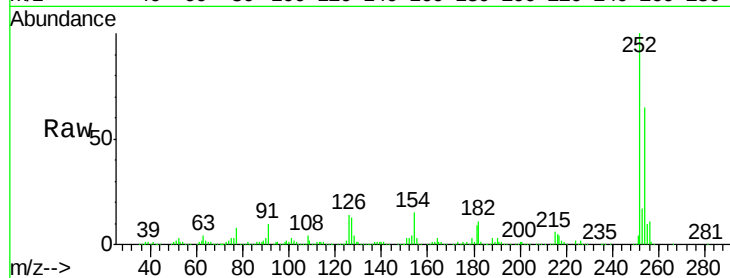




#81
 3,3'-Dichlorobenzidine
 Concen: 31.18 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.09 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

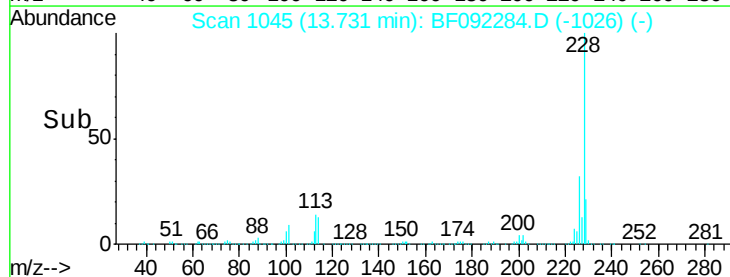
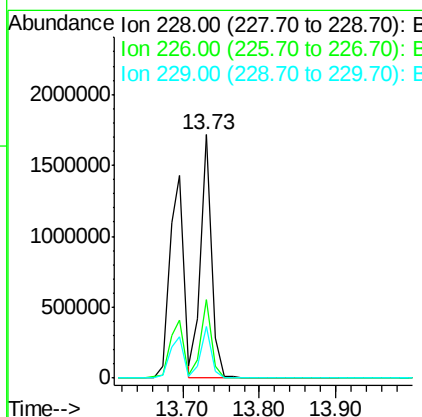
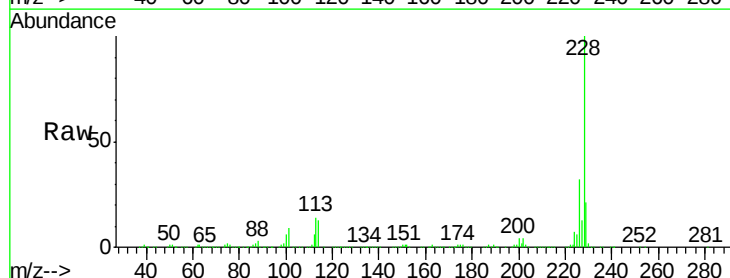
Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

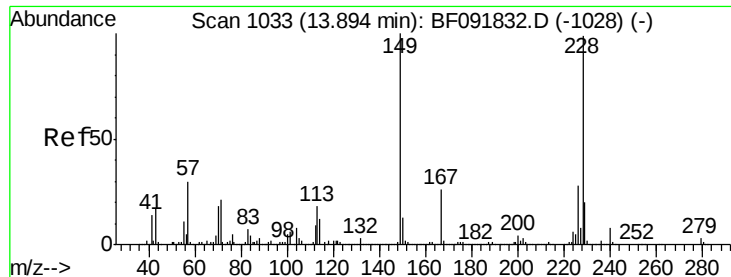
Tgt Ion:252 Resp: 431211
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.3 78.5
 126 13.8 13.6 20.4



#82
 Chrysene
 Concen: 45.99 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.08 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Tgt Ion:228 Resp: 1682226
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 21.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.30 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

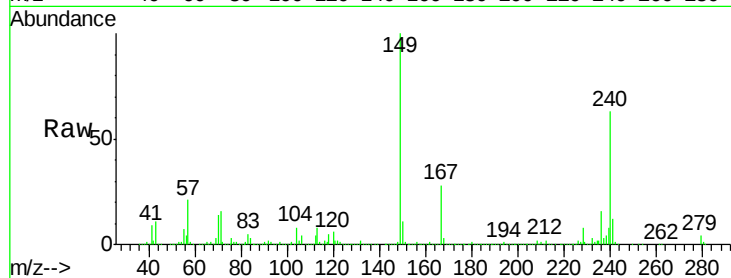
Tgt Ion:149 Resp: 1327685

Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

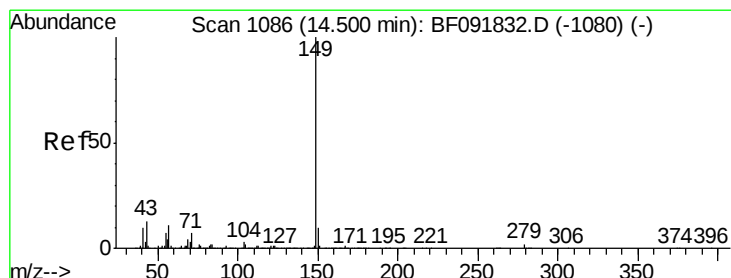
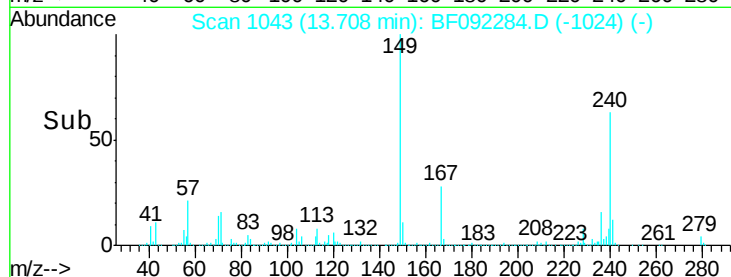
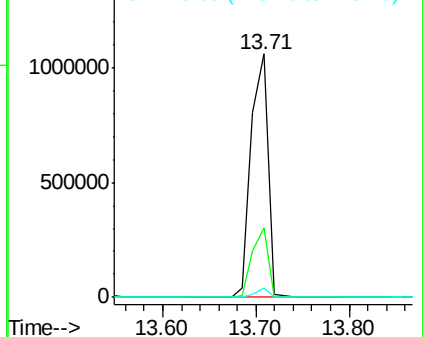
279 4.0 1.8 2.8#



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: 54.88 ng

RT: 14.31 min Scan# 1096

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

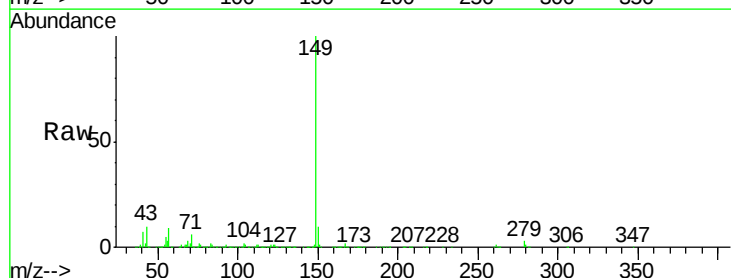
Tgt Ion:149 Resp: 2580921

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

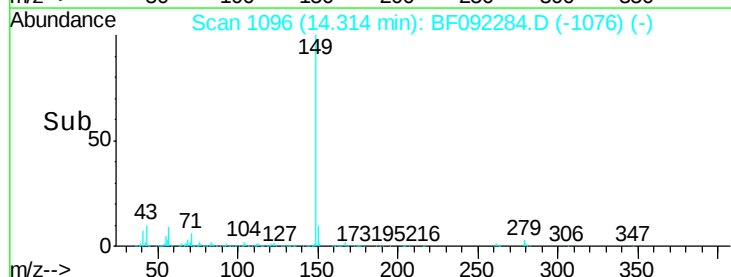
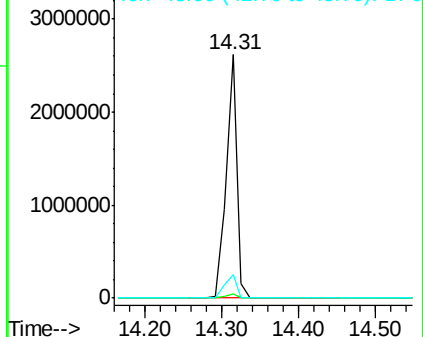
43 11.0 8.9 13.3

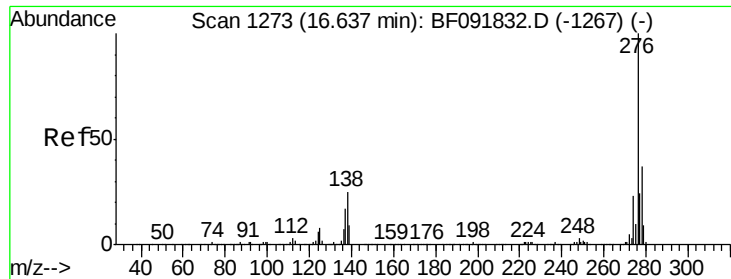


Abundance Ion 149.00 (148.70 to 149.70): E

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: 56.34 ng

RT: 16.29 min Scan# 1269

Delta R.T. -0.13 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

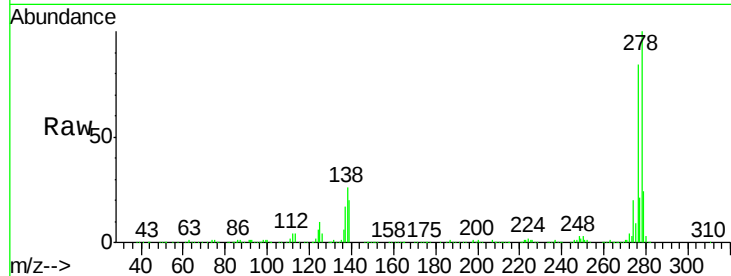
Tgt Ion:276 Resp: 1785338

Ion Ratio Lower Upper

276 100

138 29.1 21.8 32.6

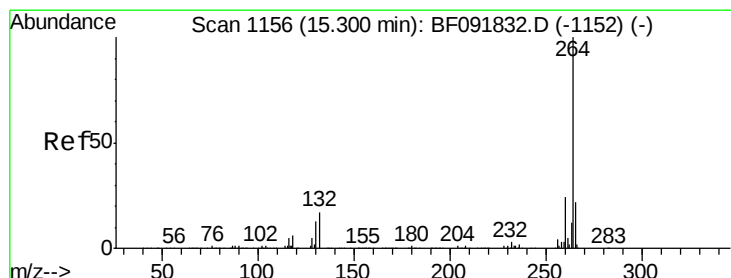
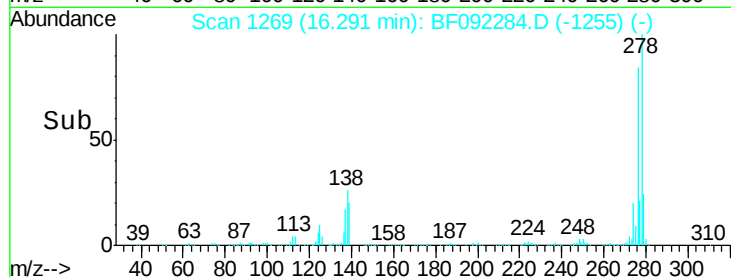
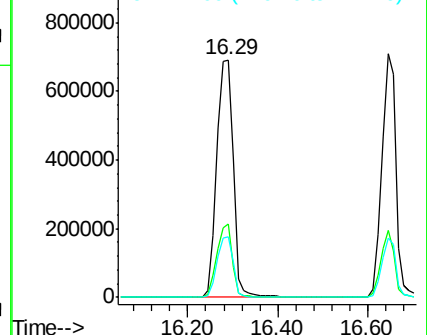
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1161

Delta R.T. -0.09 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

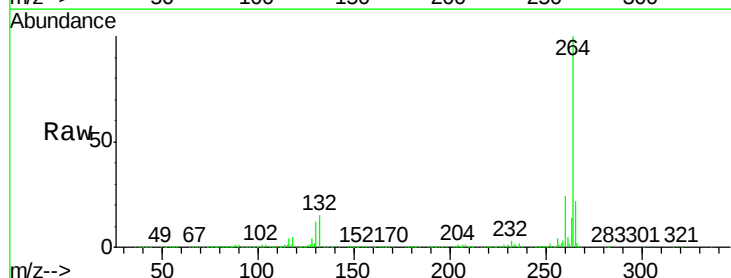
Tgt Ion:264 Resp: 750941

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

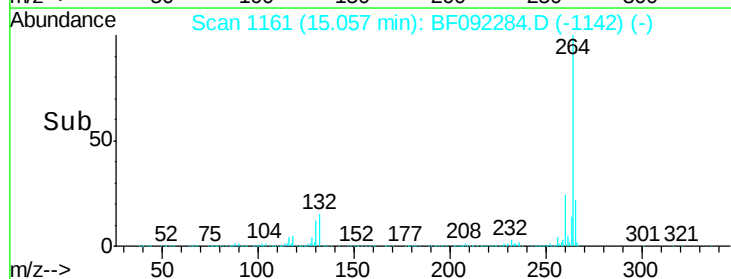
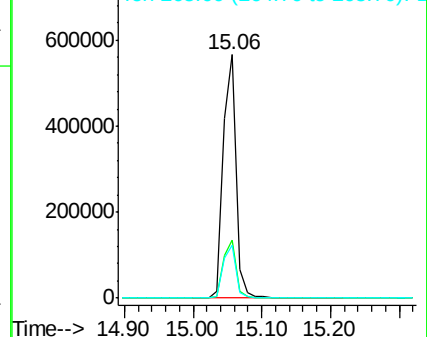
265 21.9 17.4 26.0

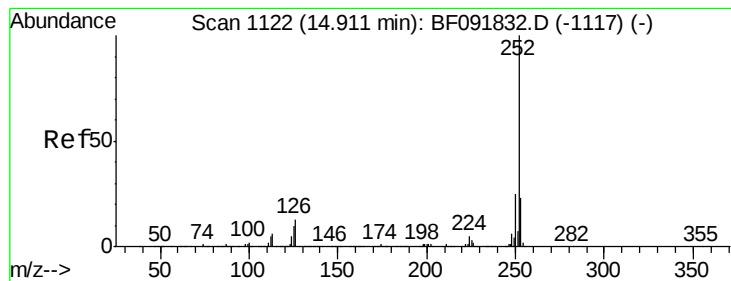


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 80.82 ng

RT: 14.73 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

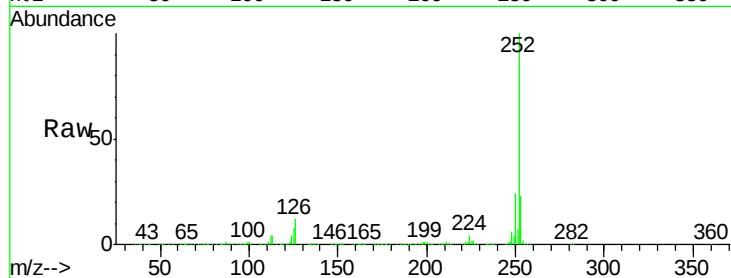
Tgt Ion:252 Resp: 3778602

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

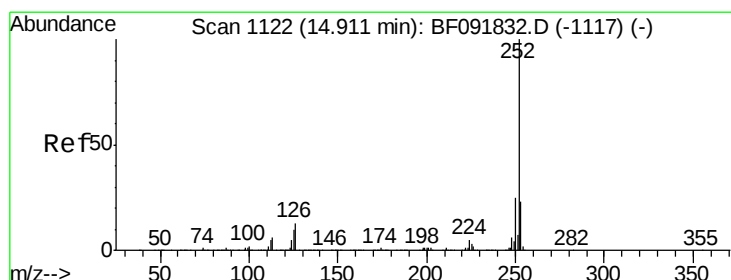
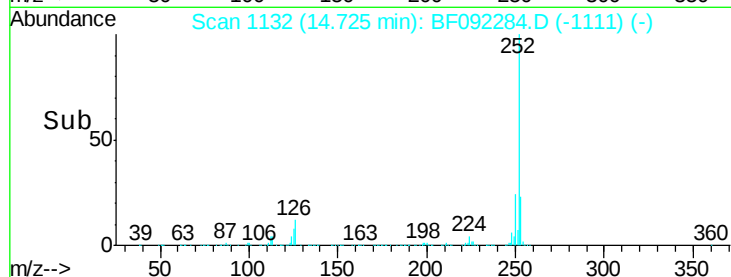
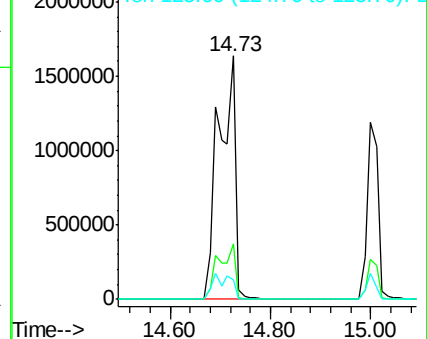
125 8.0 9.8 14.6#



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: 94.79 ng

RT: 14.73 min Scan# 1132

Delta R.T. -0.08 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

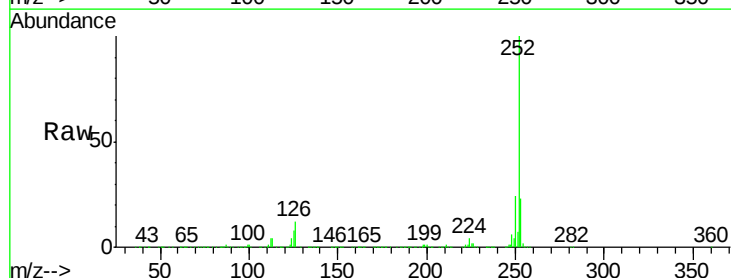
Tgt Ion:252 Resp: 3779061

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

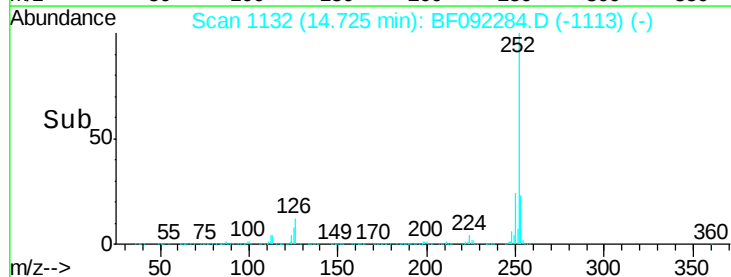
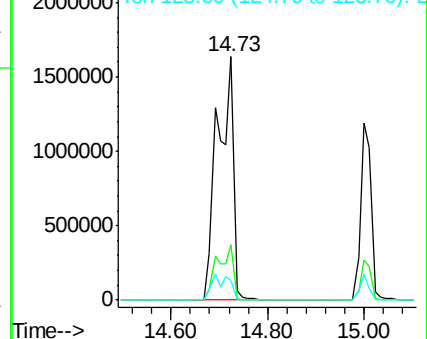
125 8.0 8.9 13.3#

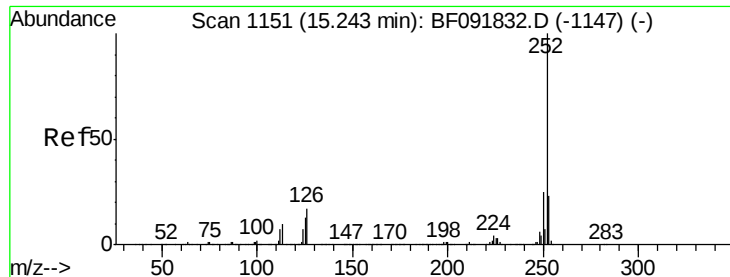


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.22 ng

RT: 15.00 min Scan# 1156

Delta R.T. -0.10 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB95965BS

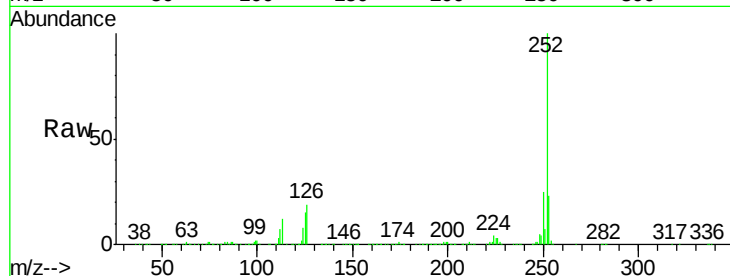
Tgt Ion:252 Resp: 1793424

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

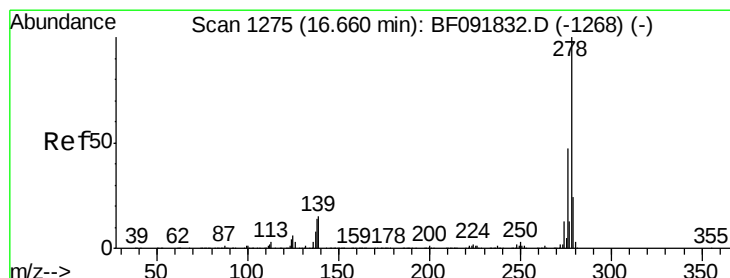
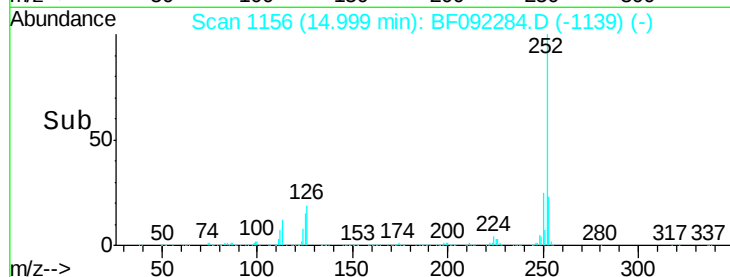
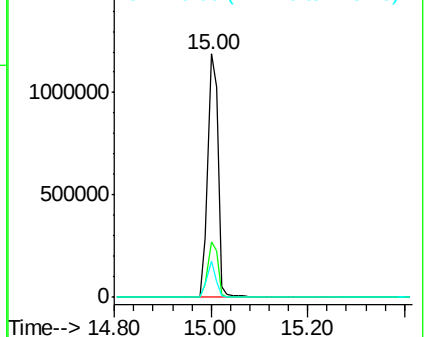
125 15.0 10.0 15.0



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: 42.49 ng

RT: 16.29 min Scan# 1269

Delta R.T. -0.15 min

Lab File: BF092284.D

Acq: 16 Jan 2017 14:33

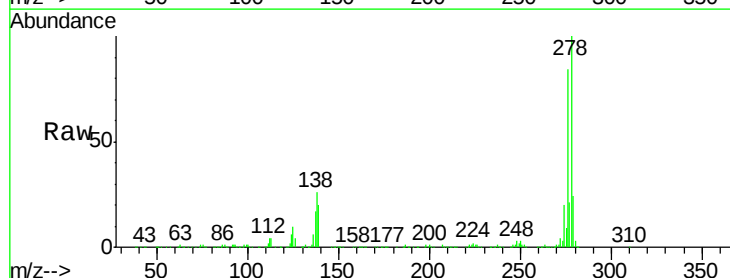
Tgt Ion:278 Resp: 1449301

Ion Ratio Lower Upper

278 100

139 20.2 14.8 22.2

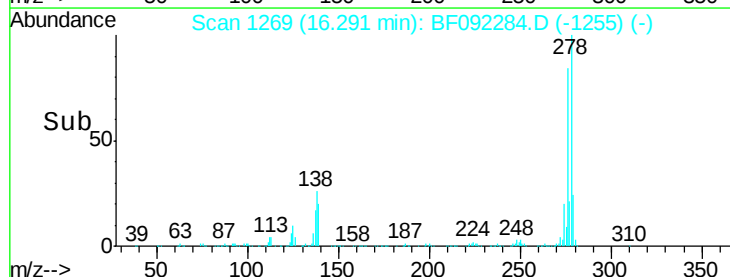
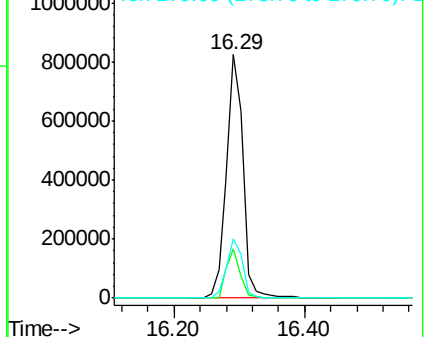
279 24.4 19.8 29.6

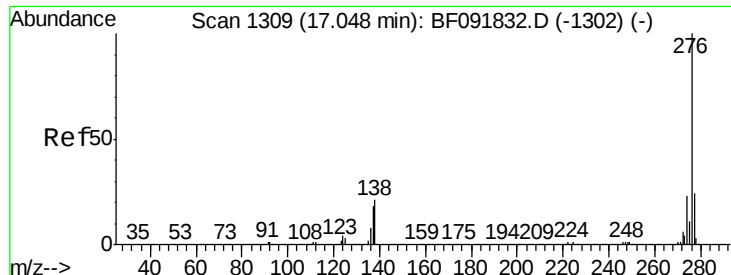


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.04 ng
 RT: 16.65 min Scan# 1300
 Delta R.T. -0.16 min
 Lab File: BF092284.D
 Acq: 16 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB95965BS

Tgt Ion: 276 Resp: 1561886
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.2 28.8
 138 27.7 16.0 24.0#

