

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091537.D
 Acq On : 9 Dec 2016 19:53
 Operator : UM/SJ
 Sample : PB95122BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Quant Time: Dec 09 22:12:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	453010	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1809299	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	978772	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1492492	20.00	ng	0.00
75) Chrysene-d12	13.96	240	1011291	20.00	ng	0.00
86) Perylene-d12	15.38	264	986969	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2179908	81.07	ng	0.01
7) Phenol-d6	6.46	99	2895819	86.39	ng	0.01
23) Nitrobenzene-d5	7.38	82	1846158	56.95	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	668019	82.17	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3066308	54.13	ng	0.00
78) Terphenyl-d14	12.92	244	2644589	59.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	329469	23.22	ng	88
3) Pyridine	3.18	79	989224	26.16	ng	# 80
4) n-Nitrosodimethylamine	3.14	42	444241	27.35	ng	# 64
6) Aniline	6.48	93	622478	14.16	ng	# 61
8) 2-Chlorophenol	6.60	128	854170	28.14	ng	96
9) Benzaldehyde	6.35	77	193978	8.41	ng	95
10) Phenol	6.48	94	1006136	25.67	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	895675	30.42	ng	87
12) 1,3-Dichlorobenzene	6.75	146	840359	25.53	ng	# 94
13) 1,4-Dichlorobenzene	6.83	146	869527	26.79	ng	97
14) 1,2-Dichlorobenzene	6.83	146	869527	29.72	ng	96
15) Benzyl Alcohol	6.96	79	709763	26.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1292599	28.33	ng	81
17) 2-Methylphenol	7.08	107	747304	29.76	ng	# 76
18) Hexachloroethane	7.33	117	343054	27.08	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	641633	30.61	ng	# 72
20) 3+4-Methylphenols	7.23	107	784557	27.73	ng	# 65
22) Acetophenone	7.23	105	1184069	27.31	ng	# 93
24) Nitrobenzene	7.40	77	1026820	29.98	ng	# 86
25) Isophorone	7.64	82	1723100	29.90	ng	100
26) 2-Nitrophenol	7.72	139	461120	30.51	ng	# 66
27) 2,4-Dimethylphenol	7.76	122	790537	29.77	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1116465	33.03	ng	99
29) 2,4-Dichlorophenol	7.96	162	704106	30.48	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	728774	27.76	ng	99
31) Naphthalene	8.12	128	2315725	27.51	ng	99
32) Benzoic acid	7.89	122	524970	29.64	ng	94
33) 4-Chloroaniline	8.17	127	182618	5.04	ng	98
34) Hexachlorobutadiene	8.25	225	421913	28.03	ng	99
35) Caprolactam	8.54	113	147567	21.87	ng	# 57
36) 4-Chloro-3-methylphenol	8.66	107	741016	28.60	ng	100
37) 2-Methylnaphthalene	8.82	142	1596335	29.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	598863	22.31	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	731764	61.14	ng	98

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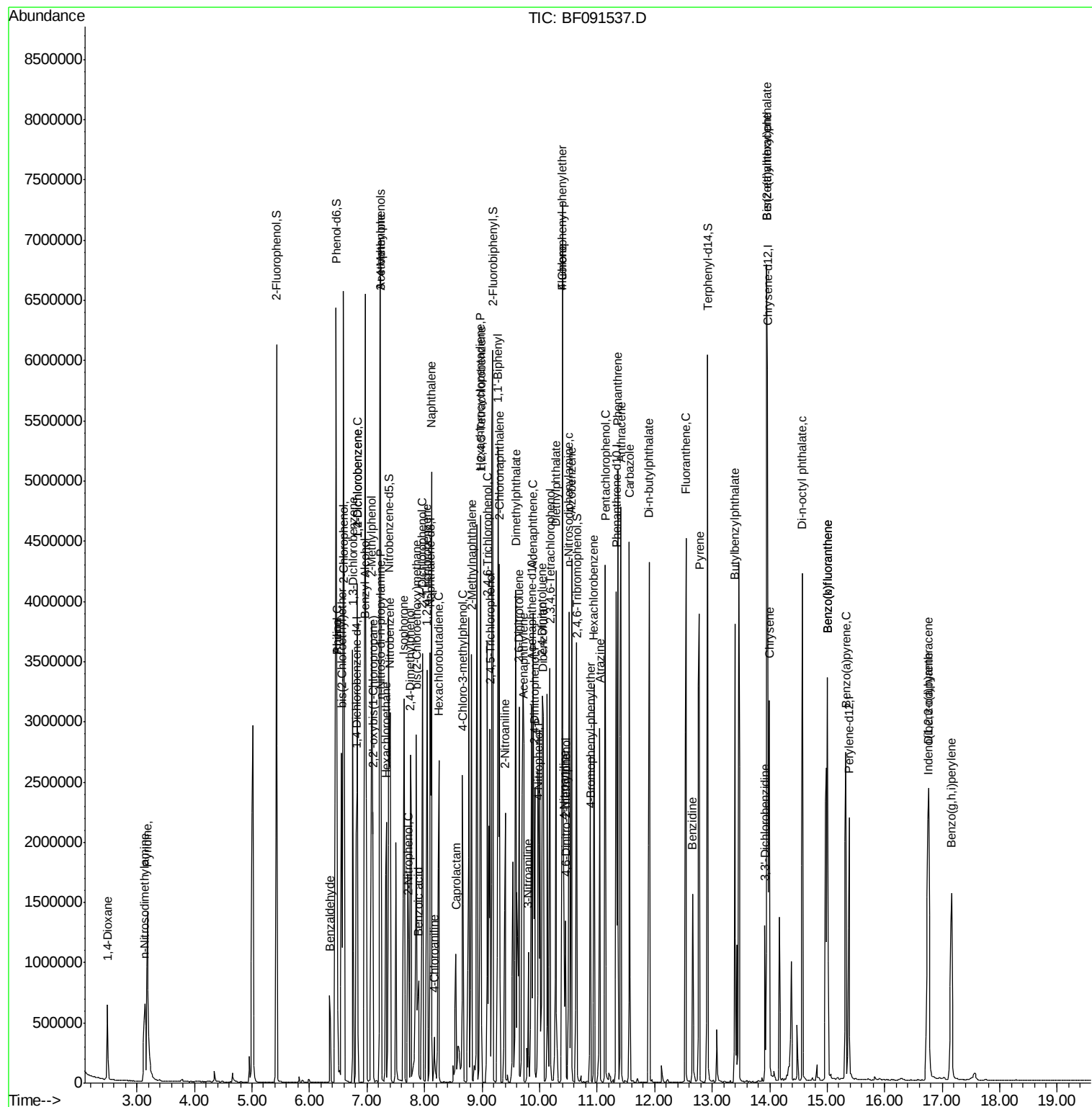
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	482500	27.97	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	463546	26.15	ng #	92
45) 1,1'-Biphenyl	9.28	154	1737028	24.50	ng	99
46) 2-Chloronaphthalene	9.30	162	1336039	24.34	ng	98
47) 2-Nitroaniline	9.40	65	494500	26.79	ng	86
48) Acenaphthylene	9.72	152	2229051	26.64	ng	100
49) Dimethylphthalate	9.58	163	1631551	26.33	ng	98
50) 2,6-Dinitrotoluene	9.64	165	373298	27.44	ng	91
51) Acenaphthene	9.88	154	1600953	27.54	ng	97
52) 3-Nitroaniline	9.80	138	164074	10.27	ng	89
53) 2,4-Dinitrophenol	9.92	184	370113	54.27	ng #	86
54) Dibenzofuran	10.06	168	1967799	27.36	ng	93
55) 4-Nitrophenol	9.98	139	670865	56.43	ng #	57
56) 2,4-Dinitrotoluene	10.04	165	442204	25.94	ng #	58
57) Fluorene	10.40	166	1366120	24.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	386170	27.83	ng	90
59) Diethylphthalate	10.28	149	1580060	26.48	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	674454	26.08	ng #	85
61) 4-Nitroaniline	10.42	138	371616	23.40	ng	89
62) Azobenzene	10.56	77	1949737	28.83	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	266582	30.55	ng #	43
65) n-Nitrosodiphenylamine	10.51	169	1294315	29.09	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	450169	29.42	ng #	79
67) Hexachlorobenzene	10.94	284	415639	26.12	ng #	72
68) Atrazine	11.05	200	479025	33.48	ng	98
69) Pentachlorophenol	11.14	266	474136	52.95	ng	95
70) Phenanthrene	11.36	178	2009066	27.18	ng	99
71) Anthracene	11.41	178	2335708	29.30	ng	100
72) Carbazole	11.56	167	1787543	25.58	ng	99
73) Di-n-butylphthalate	11.90	149	2554365	31.38	ng	100
74) Fluoranthene	12.55	202	2324540	30.04	ng	99
76) Benzidine	12.66	184	620537	19.84	ng	98
77) Pyrene	12.77	202	2302305	28.70	ng	99
79) Butylbenzylphthalate	13.39	149	911808	29.15	ng	87
80) Benzo(a)anthracene	13.95	228	1600860	27.26	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	251640	11.93	ng #	98
82) Chrysene	14.00	228	1733063	28.20	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1131931	28.21	ng	99
84) Di-n-octyl phthalate	14.57	149	2180634	32.02	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1544754	27.94	ng	99
87) Benzo(h)fluoranthene	15.00	252	3054264	51.91	ng	99
88) Benzo(k)fluoranthene	15.00	252	3056338	59.08	ng	99
89) Benzo(a)pyrene	15.32	252	1498000	28.26	ng #	96
90) Dibenzo(a,h)anthracene	16.76	278	1272870	26.81	ng	99
91) Benzo(g,h,i)perylene	17.16	276	1311696	27.14	ng	96

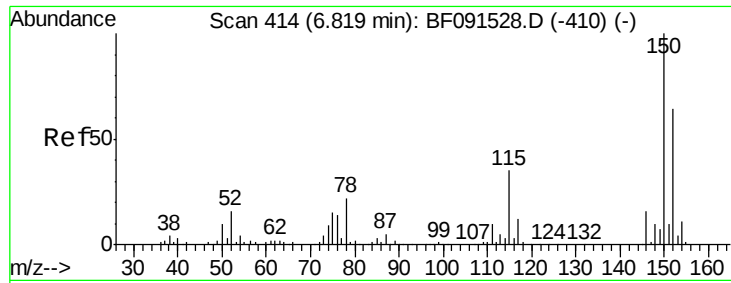
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

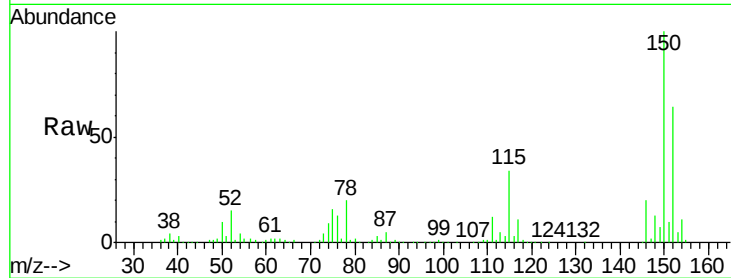
Tgt Ion:152 Resp: 453010

Ion Ratio Lower Upper

152 100

150 156.4 122.5 183.7

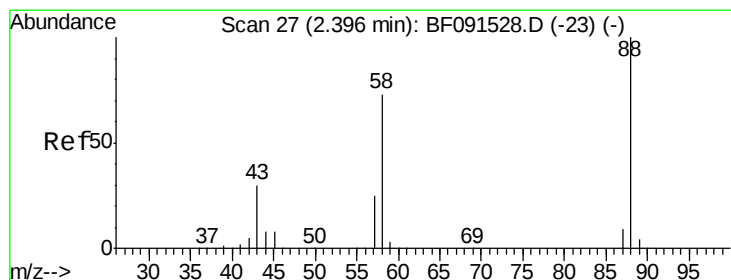
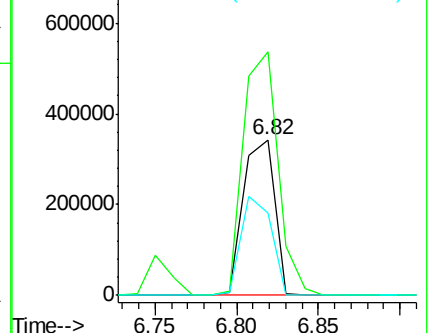
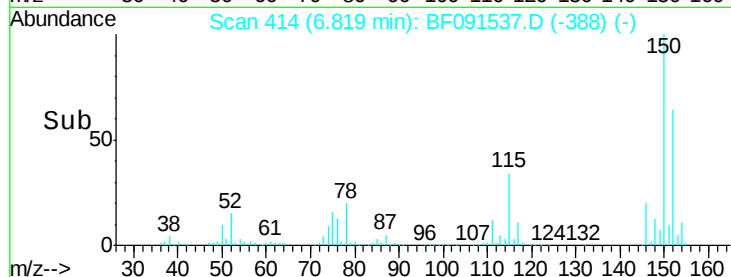
115 53.1 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.22 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.09 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

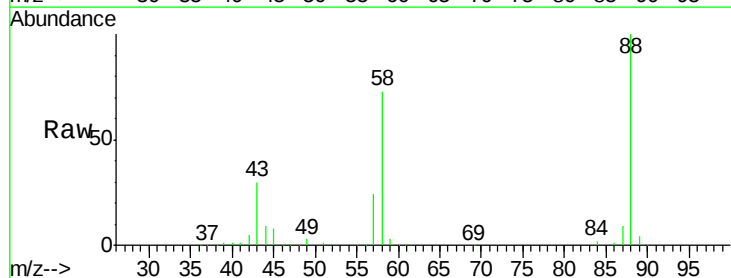
Tgt Ion: 88 Resp: 329469

Ion Ratio Lower Upper

88 100

58 75.1 70.3 105.5

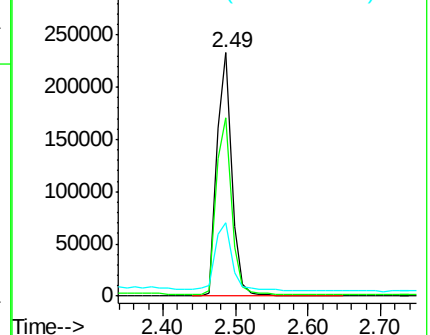
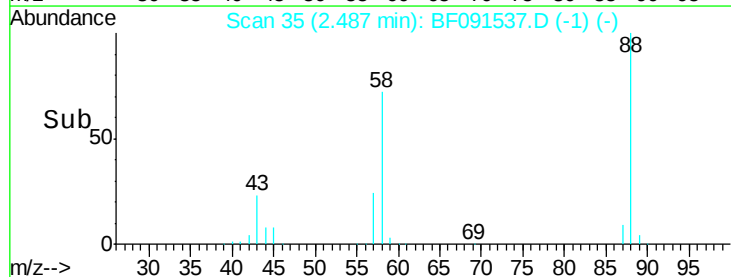
43 33.4 31.3 46.9

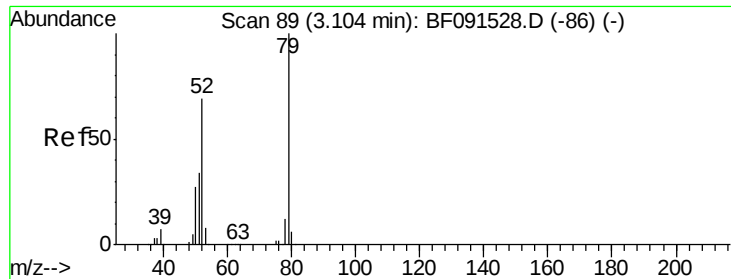


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.16 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

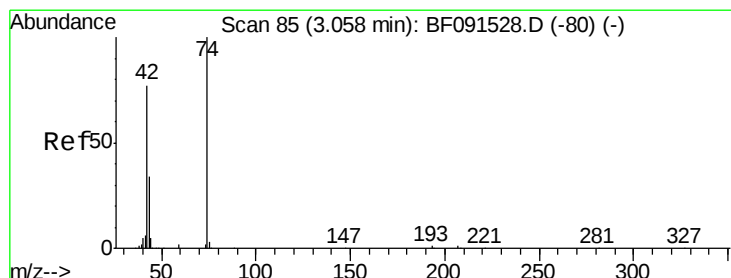
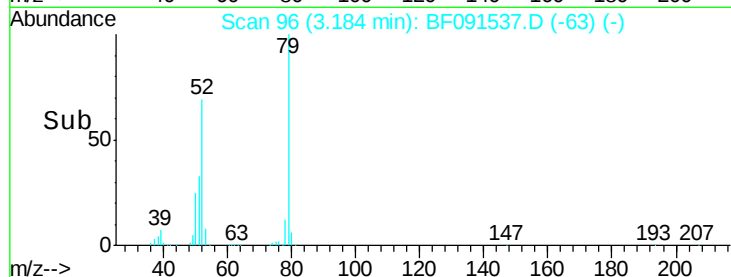
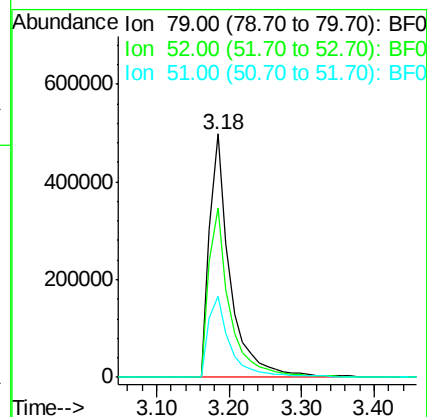
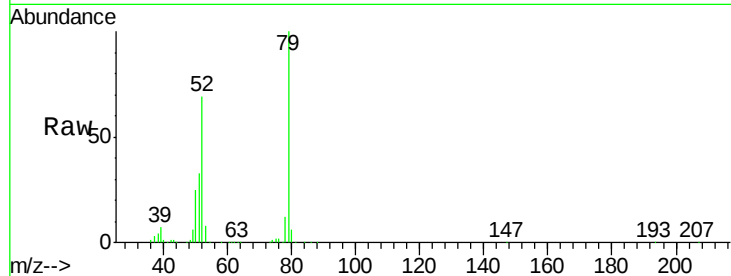
Tgt Ion: 79 Resp: 989224

Ion Ratio Lower Upper

79 100

52 69.3 71.0 106.4#

51 33.2 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 27.35 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

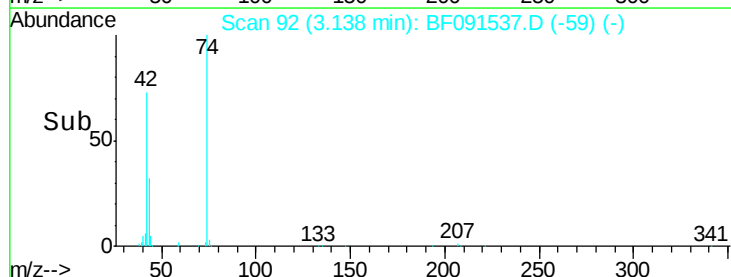
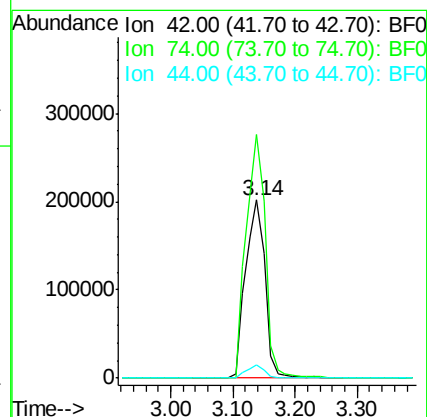
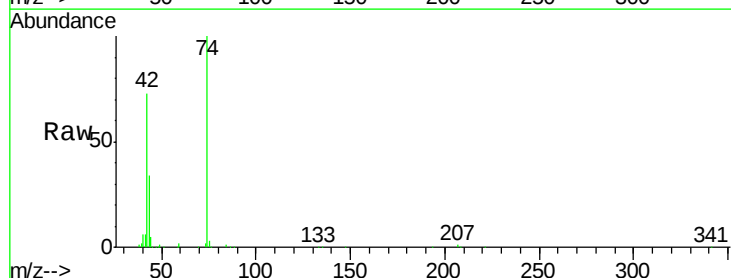
Tgt Ion: 42 Resp: 444241

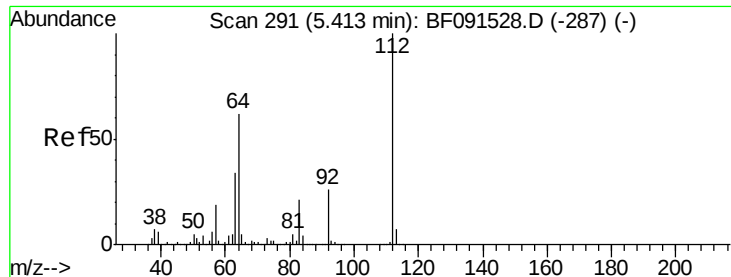
Ion Ratio Lower Upper

42 100

74 136.7 78.9 118.3#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 81.07 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

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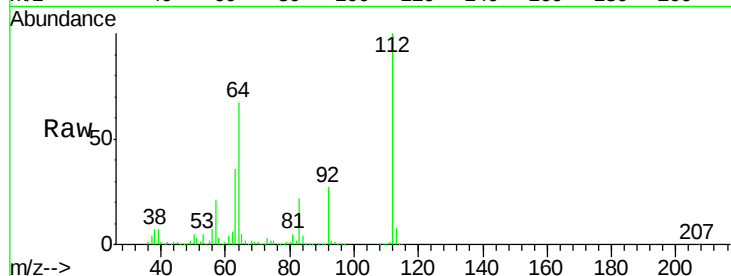
Tgt Ion: 112 Resp: 2179908

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

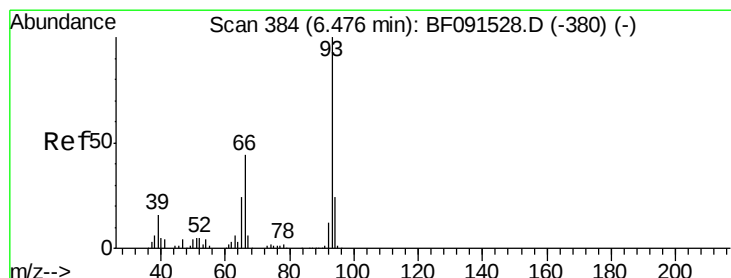
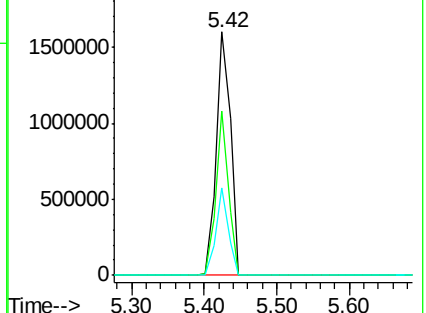
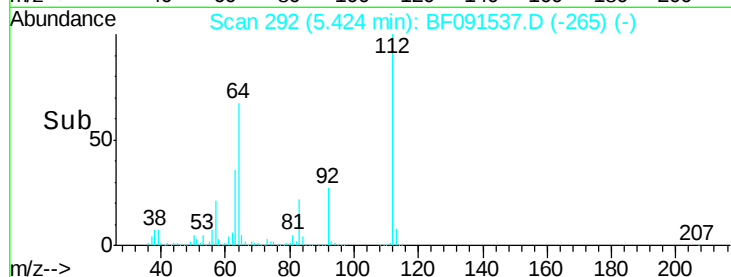
63 35.9 33.3 49.9



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: 14.16 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

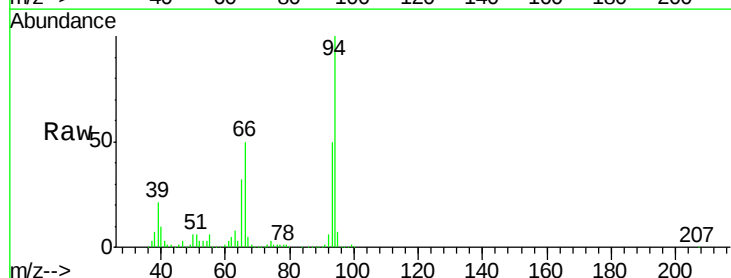
Tgt Ion: 93 Resp: 622478

Ion Ratio Lower Upper

93 100

66 99.3 55.8 83.6#

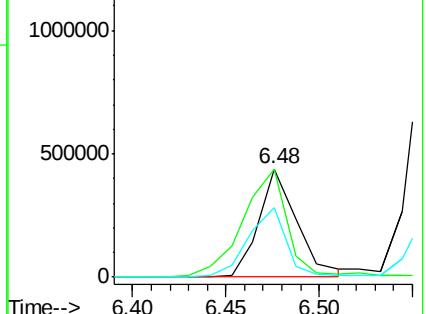
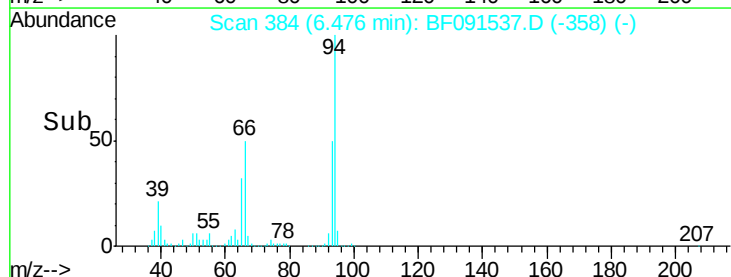
65 64.3 29.9 44.9#

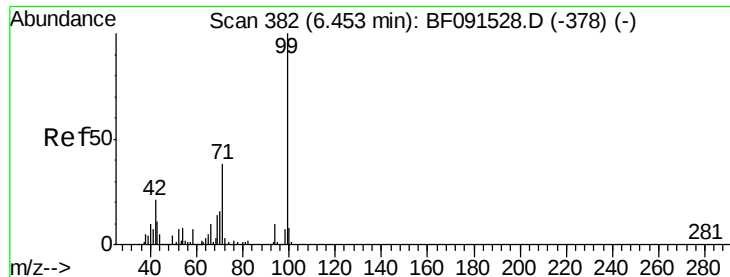


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.39 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

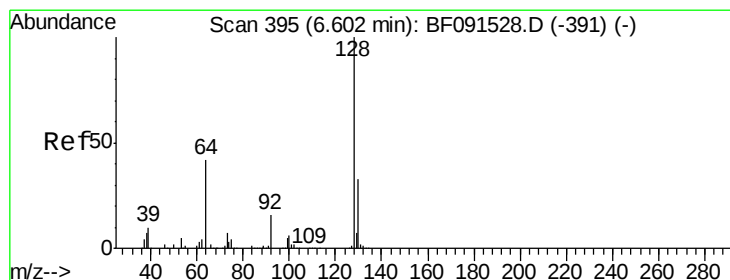
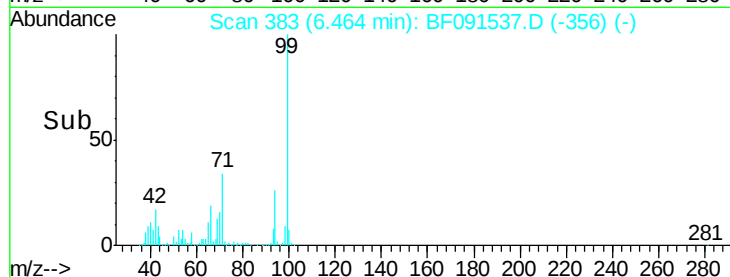
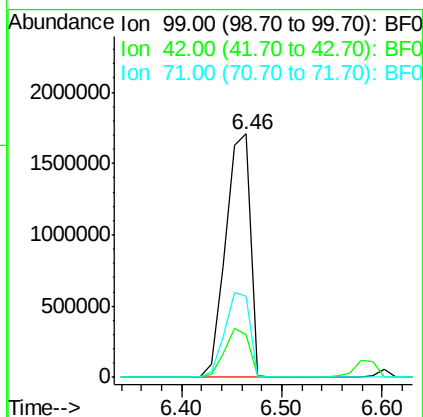
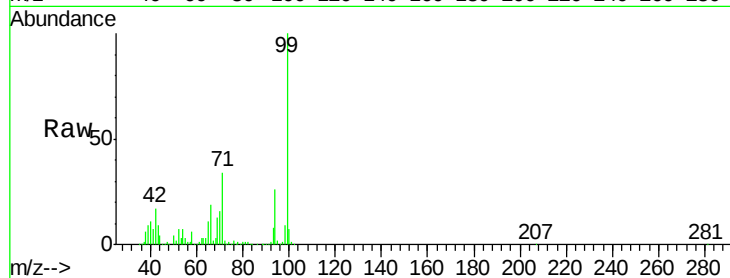
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Tgt Ion: 99 Resp: 2895819

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.6	31.0#
71	33.6	29.9	44.9



#8

2-Chlorophenol

Concen: 28.14 ng

RT: 6.60 min Scan# 395

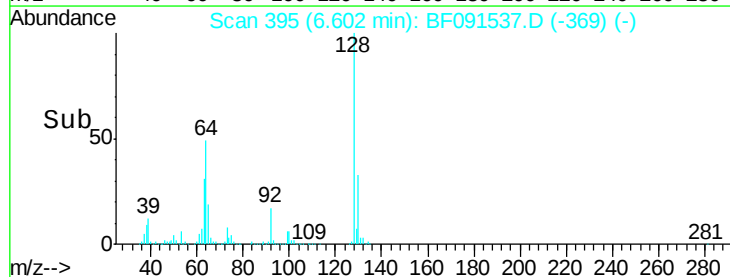
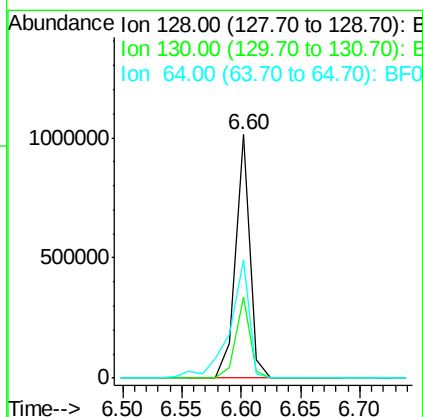
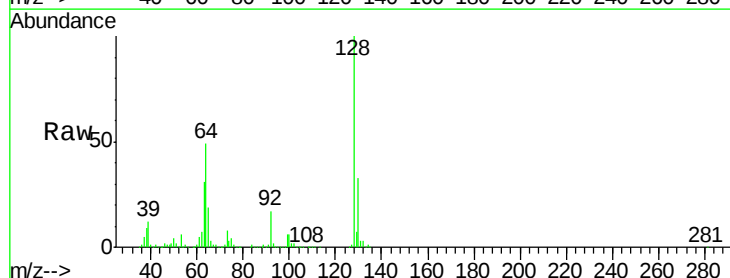
Delta R.T. -0.00 min

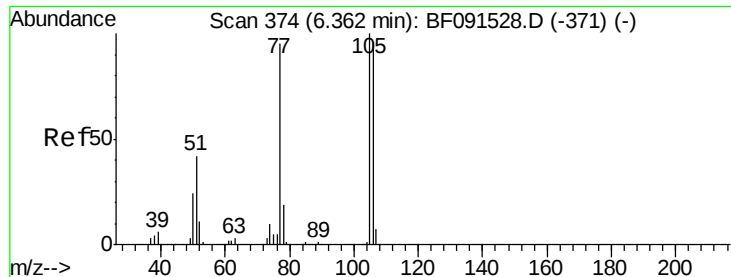
Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion: 128 Resp: 854170

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	48.6	24.1	64.1





#9

Benzaldehyde

Concen: 8.41 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

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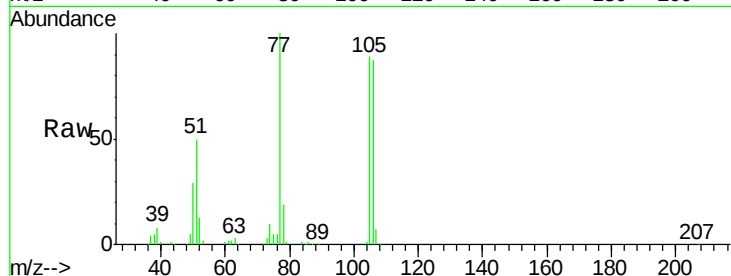
Tgt Ion: 77 Resp: 193978

Ion Ratio Lower Upper

77 100

105 88.9 66.4 106.4

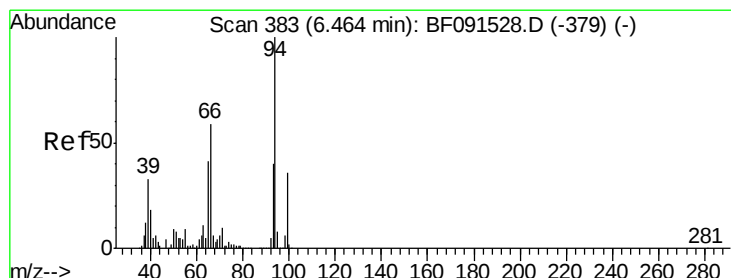
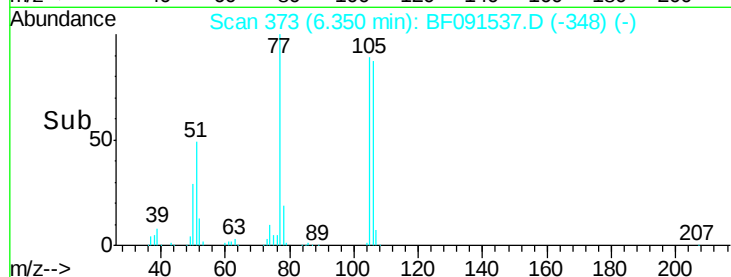
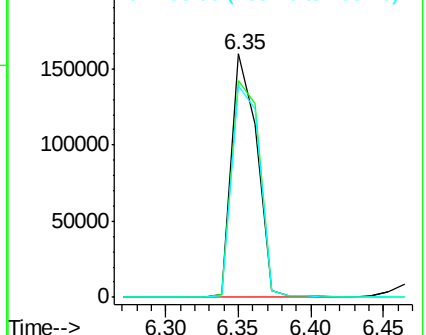
106 86.9 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 25.67 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

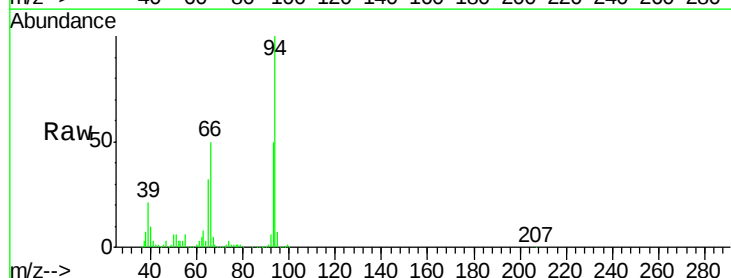
Tgt Ion: 94 Resp: 1006136

Ion Ratio Lower Upper

94 100

65 32.1 16.9 56.9

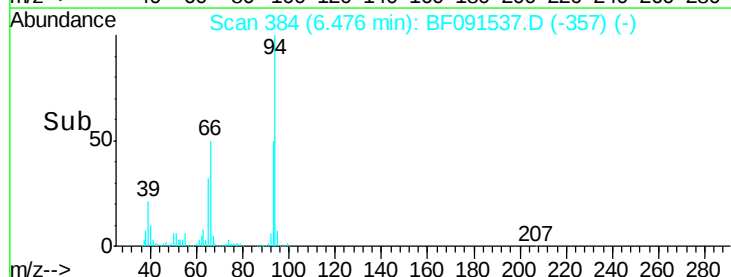
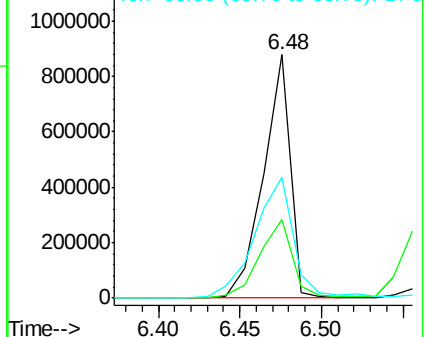
66 49.6 30.6 70.6

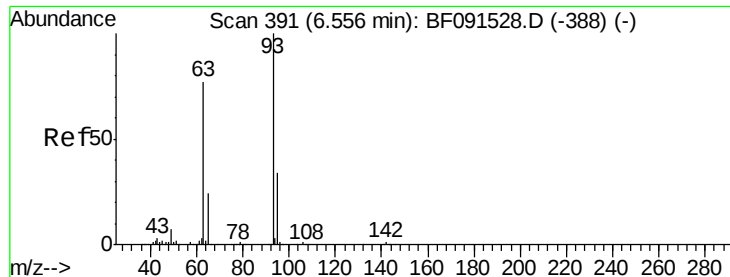


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

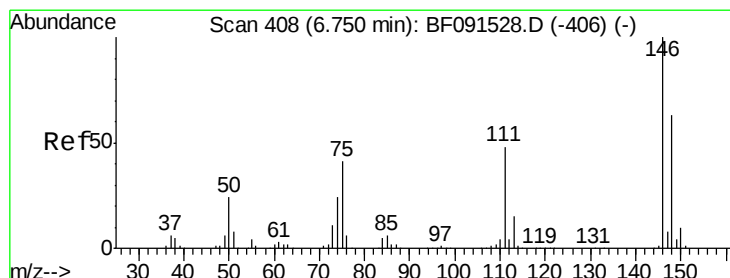
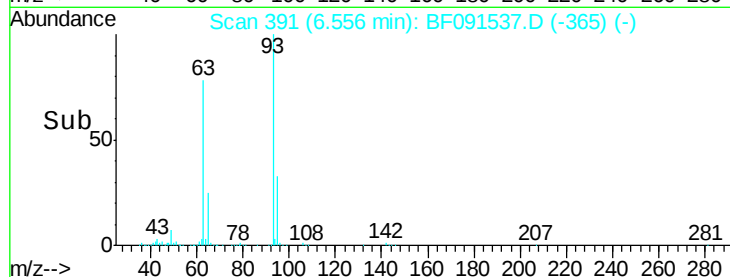
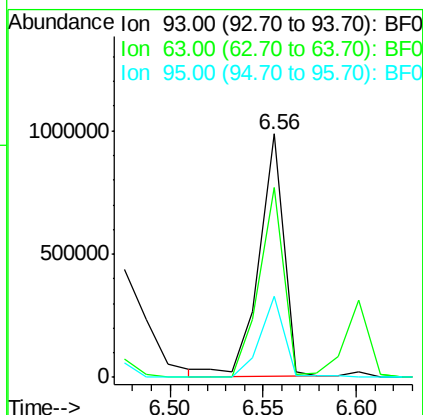
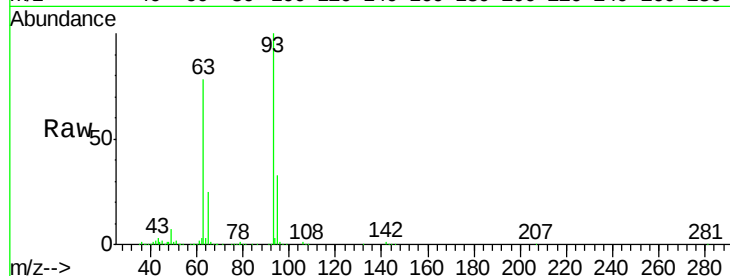




#11
bis(2-Chloroethyl)ether
Concen: 30.42 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

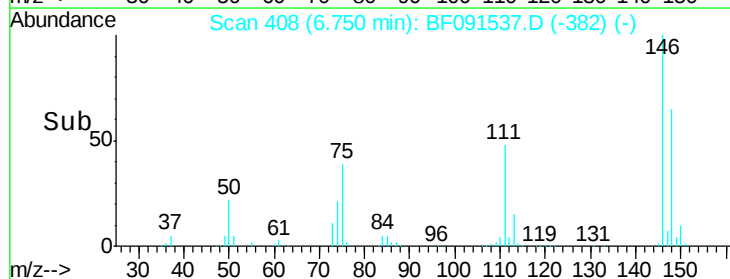
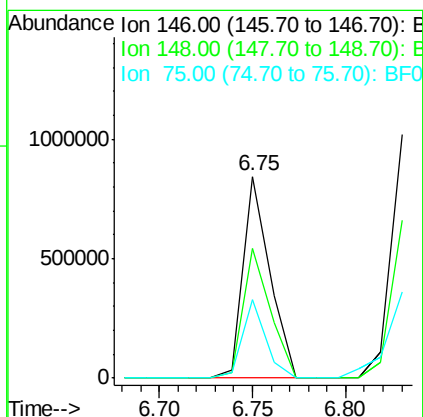
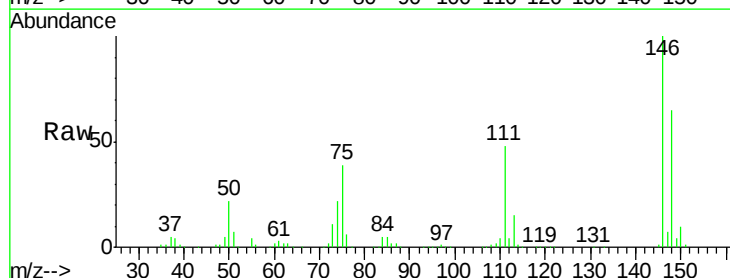
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

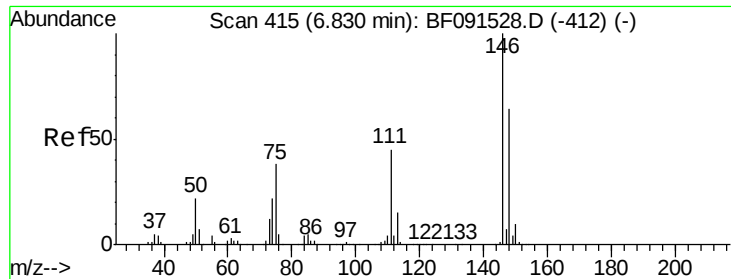
Tgt Ion: 93 Resp: 895675
Ion Ratio Lower Upper
93 100
63 78.0 74.8 114.8
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 25.53 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion: 146 Resp: 840359
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 39.0 23.6 35.4#

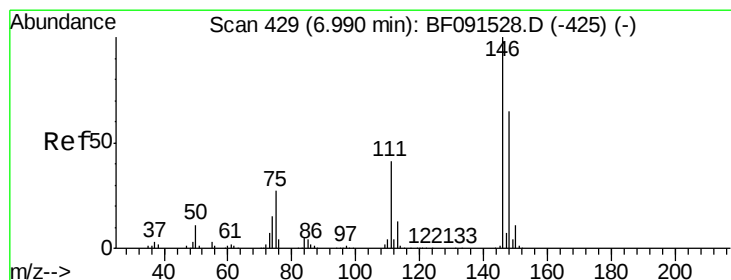
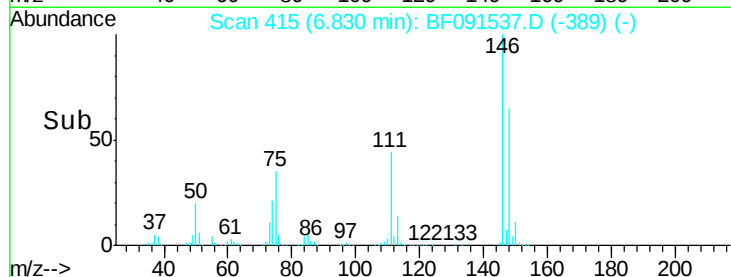
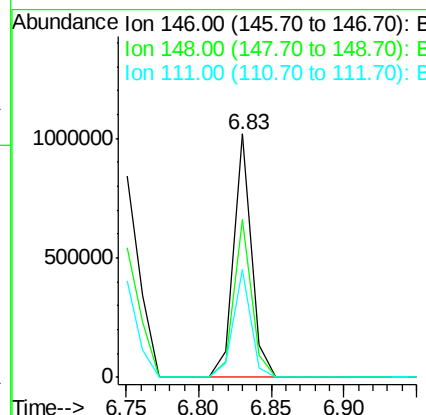
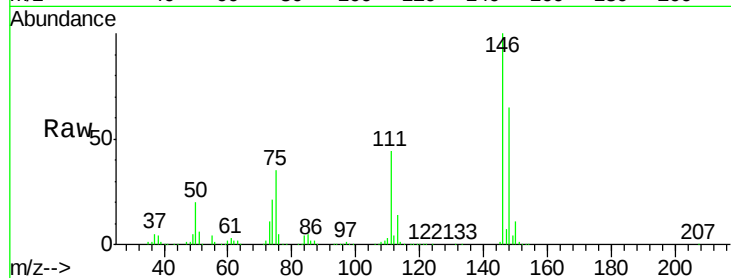




#13
 1,4-Dichlorobenzene
 Concen: 26.79 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

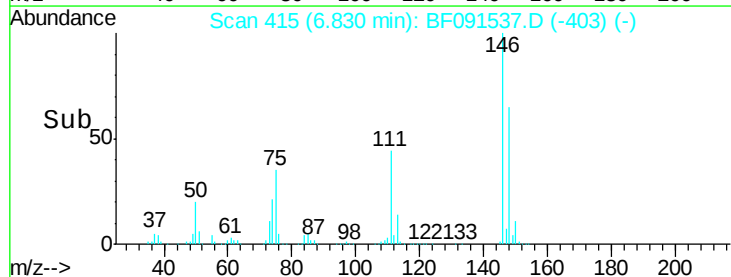
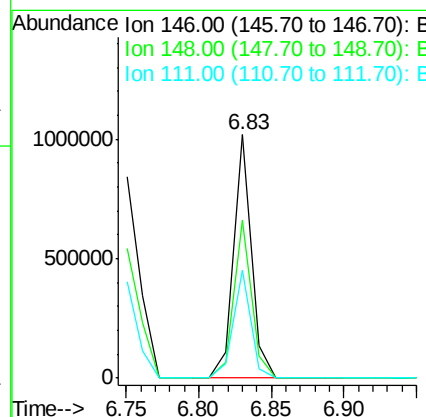
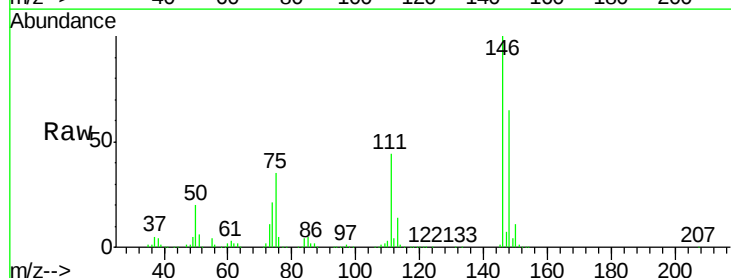
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

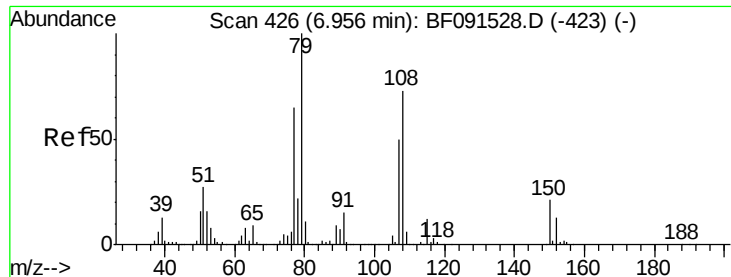
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	44.1	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 29.72 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	44.1	38.9	58.3





#15

Benzyl Alcohol

Concen: 26.82 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

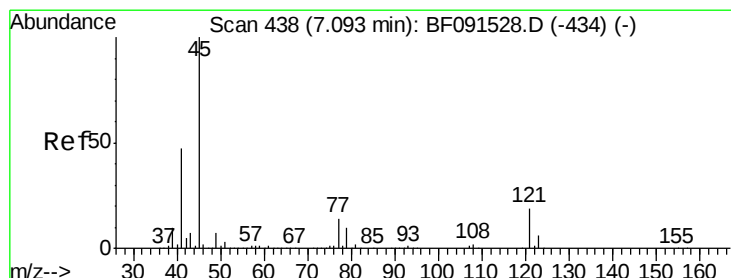
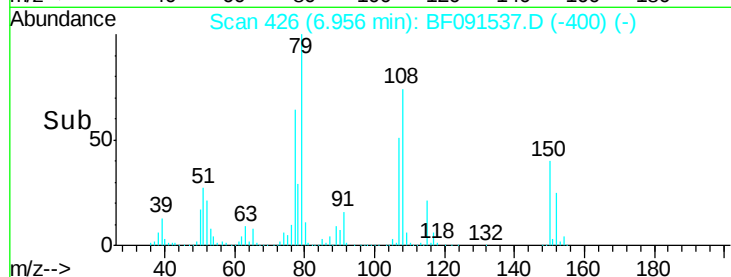
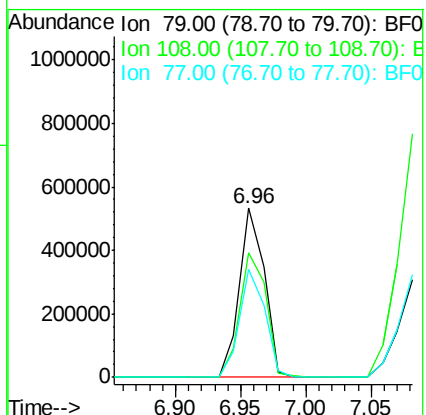
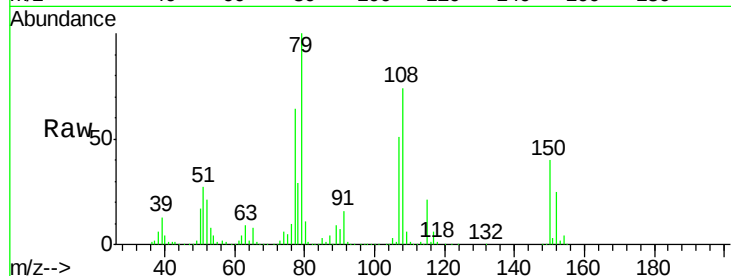
Tgt Ion: 79 Resp: 709763

Ion Ratio Lower Upper

79 100

108 74.1 62.7 94.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.33 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

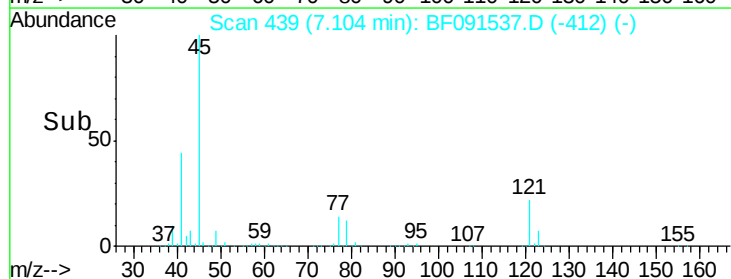
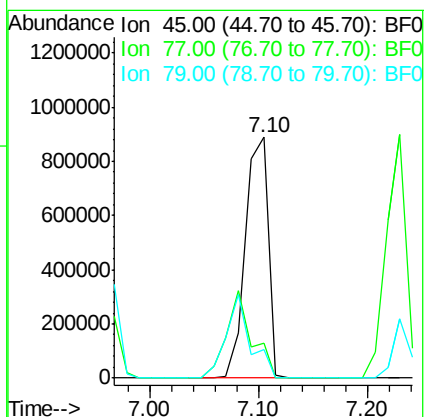
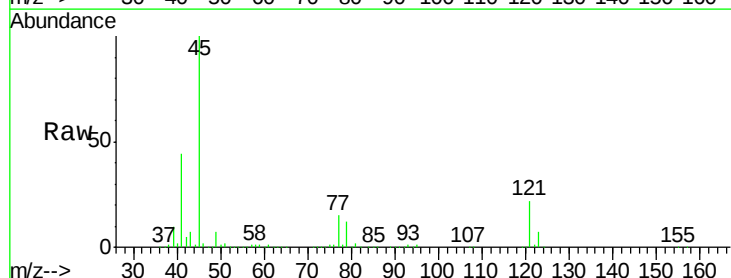
Tgt Ion: 45 Resp: 1292599

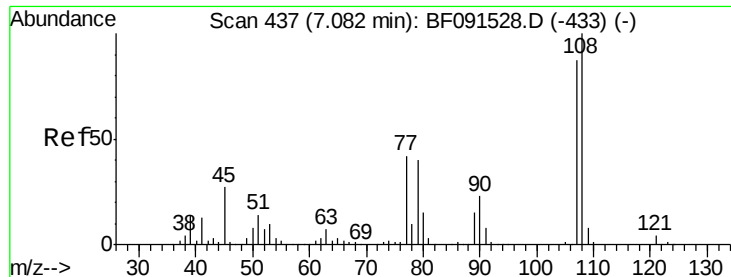
Ion Ratio Lower Upper

45 100

77 14.6 3.8 43.8

79 11.7 0.2 40.2

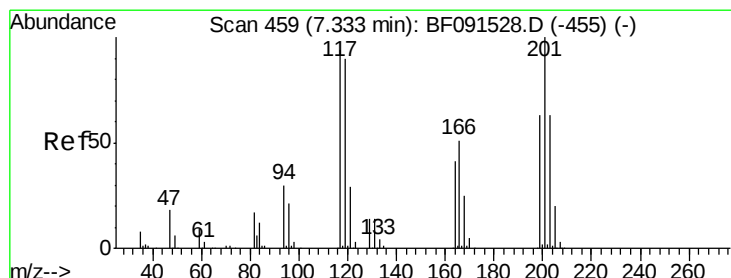
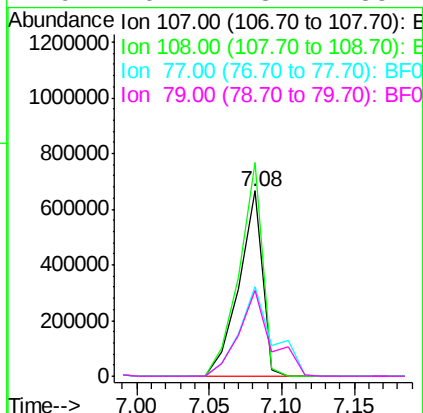
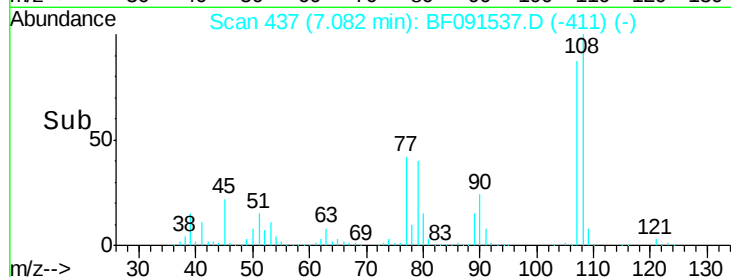
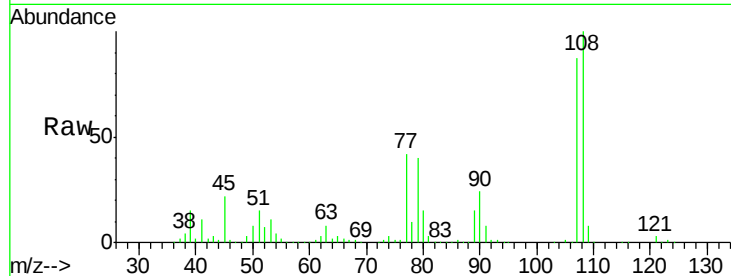




#17
2-Methylphenol
Concen: 29.76 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

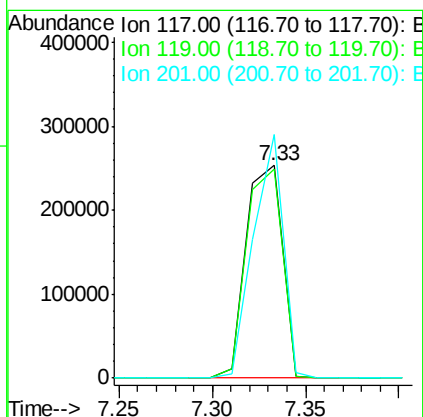
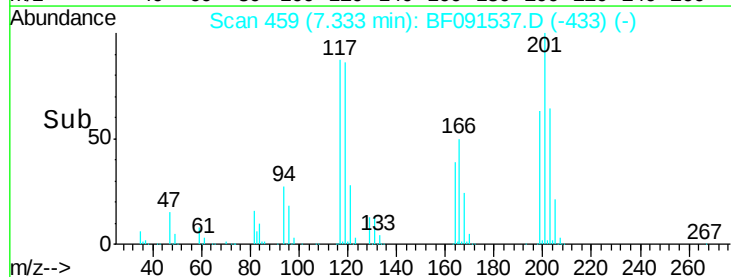
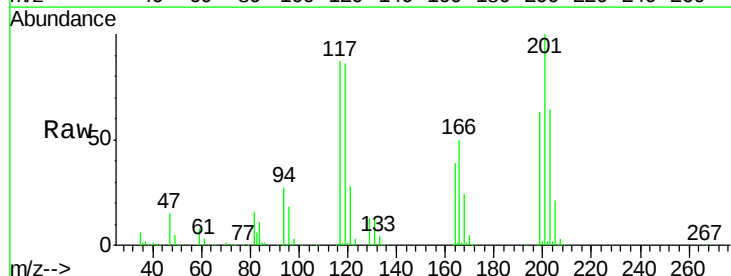
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

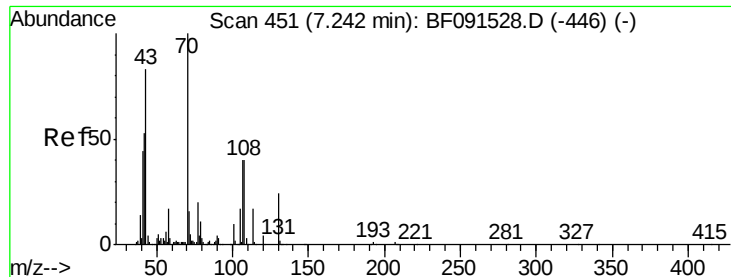
Tgt Ion:107 Resp: 747304
Ion Ratio Lower Upper
107 100
108 115.4 67.7 101.5#
77 48.5 40.7 61.1
79 46.4 23.4 35.2#



#18
Hexachloroethane
Concen: 27.08 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:117 Resp: 343054
Ion Ratio Lower Upper
117 100
119 98.4 78.6 118.0
201 114.5 86.7 130.1

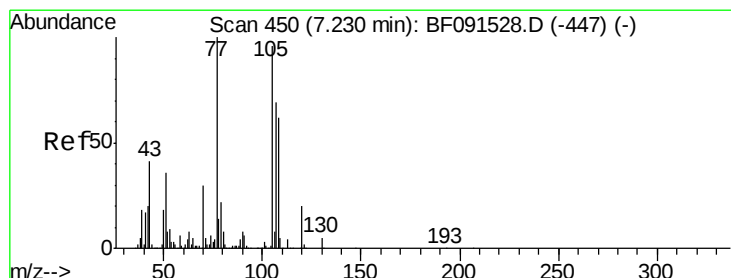
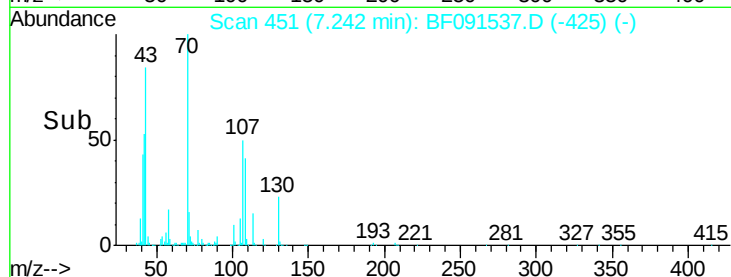
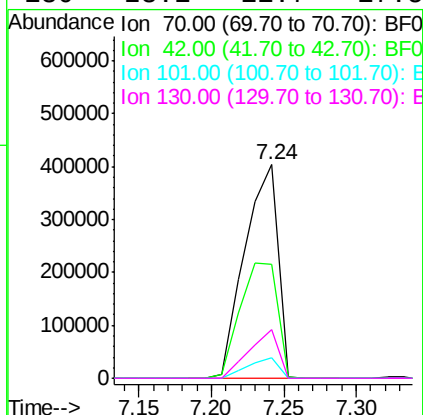
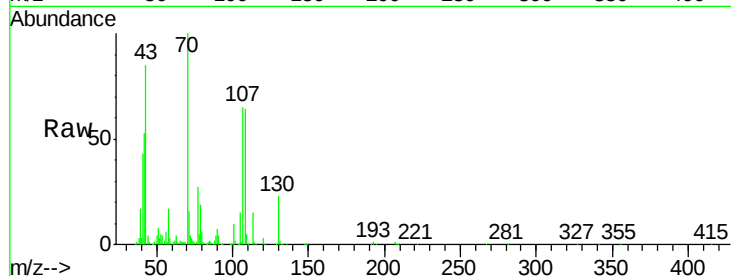




#19
n-Nitroso-di-n-propylamine
Concen: 30.61 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

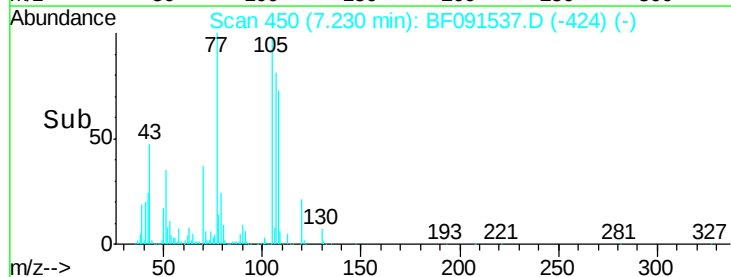
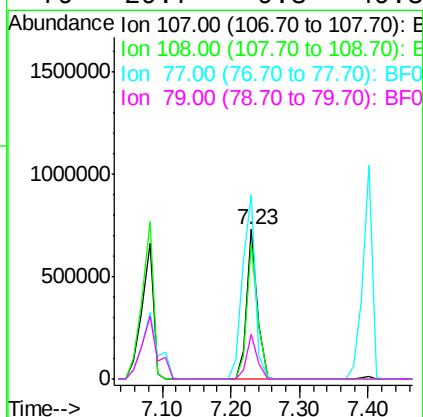
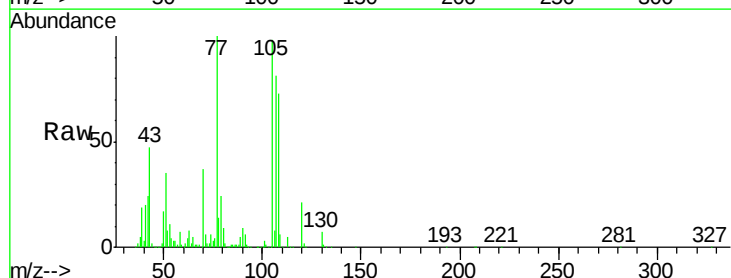
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

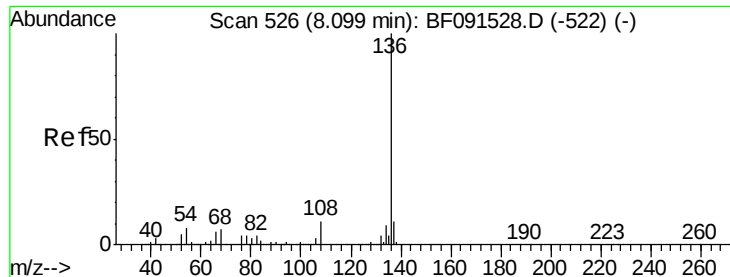
Tgt Ion: 70 Resp: 641633
Ion Ratio Lower Upper
70 100
42 53.4 64.8 97.2#
101 9.9 6.2 9.4#
130 23.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 27.73 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion: 107 Resp: 784557
Ion Ratio Lower Upper
107 100
108 89.6 64.6 104.6
77 123.1 30.9 70.9#
79 29.7 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

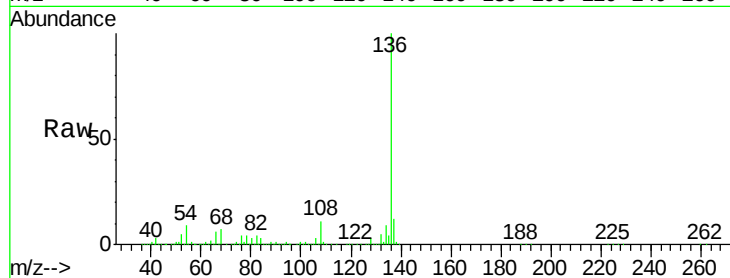
ClientSampleId :

PB95122BSD

Tgt Ion:136 Resp: 1809299

Ion Ratio Lower Upper

136	100		
137	11.5	9.1	13.7
54	8.7	9.1	13.7#
68	6.6	5.9	8.9

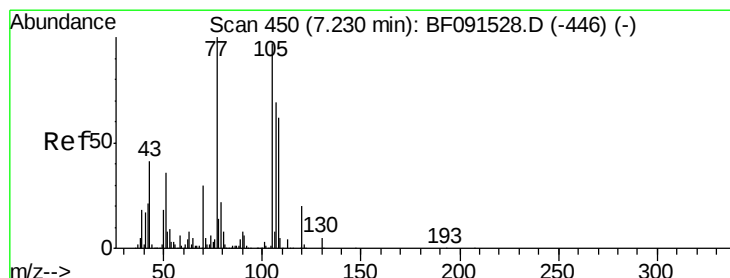
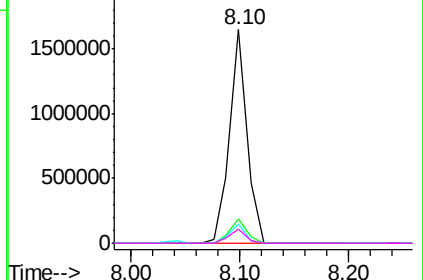
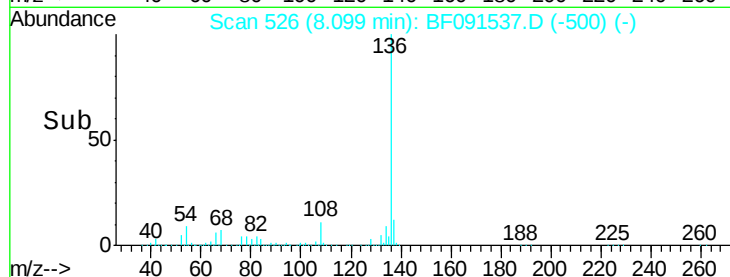


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.31 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

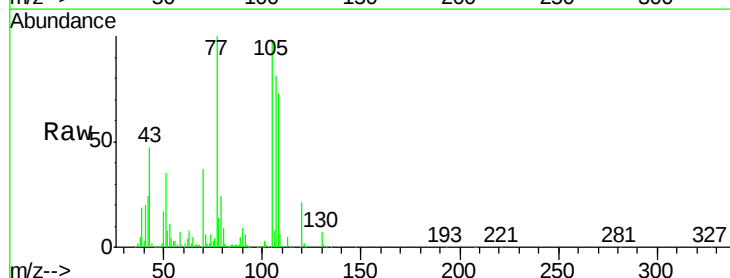
Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:105 Resp: 1184069

Ion Ratio Lower Upper

105	100		
71	6.3	7.9	11.9#
51	36.1	24.5	36.7
120	21.3	16.6	24.8

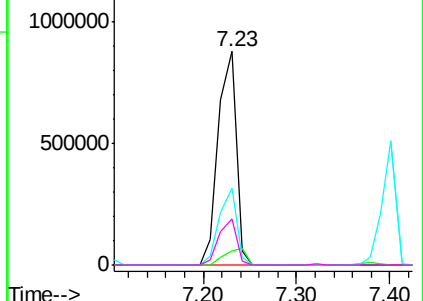
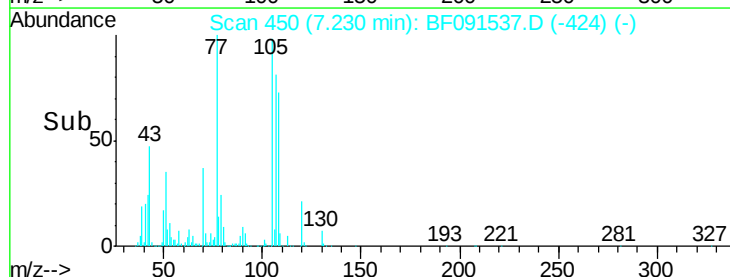


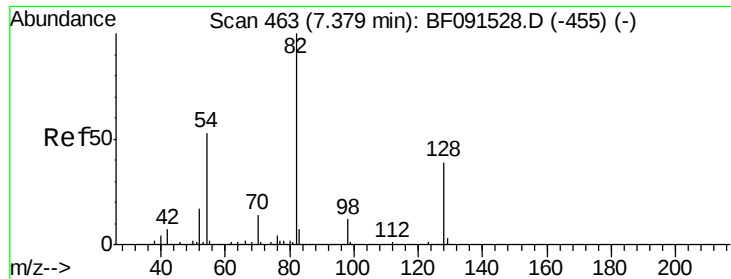
Abundance Ion 105.00 (104.70 to 105.70): E

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

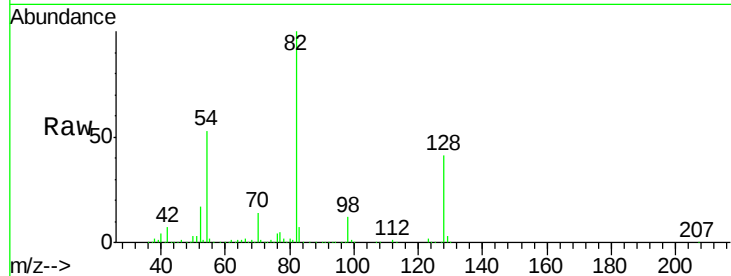




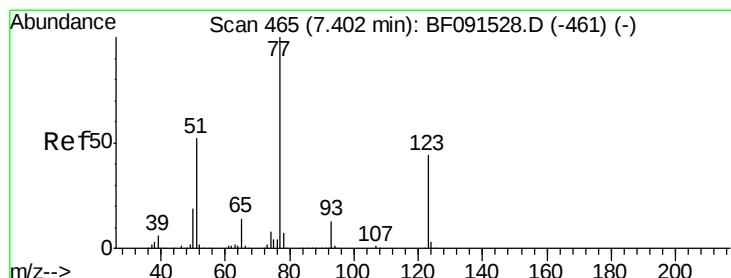
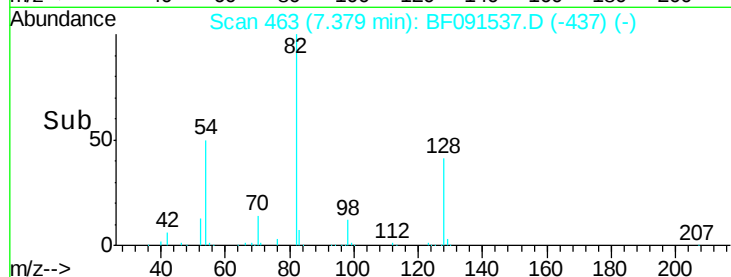
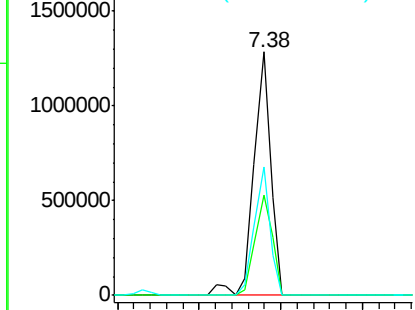
#23
 Nitrobenzene-d5
 Concen: 56.95 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion: 82 Resp: 1846158
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 52.5 49.1 73.7

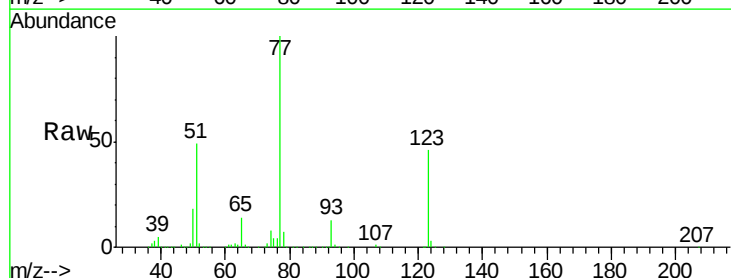


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

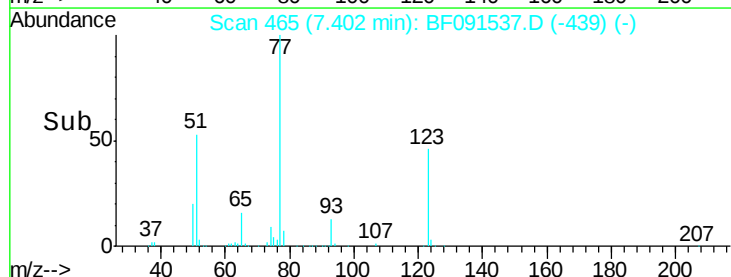
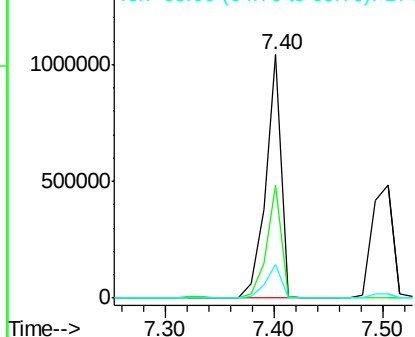


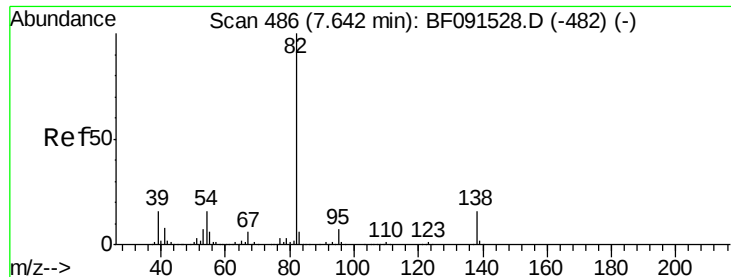
#24
 Nitrobenzene
 Concen: 29.98 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion: 77 Resp: 1026820
 Ion Ratio Lower Upper
 77 100
 123 46.4 28.5 42.7#
 65 13.7 12.5 18.7



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: 29.90 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

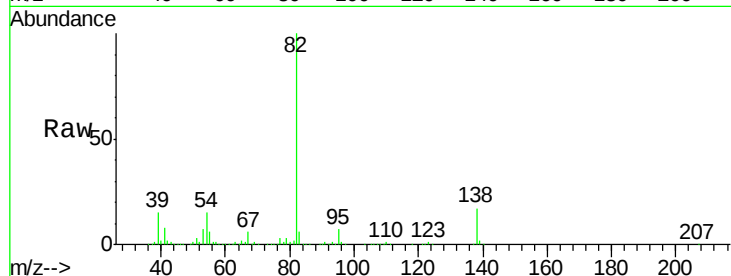
Tgt Ion: 82 Resp: 1723100

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

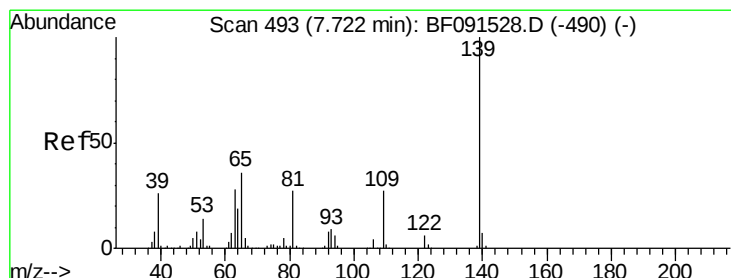
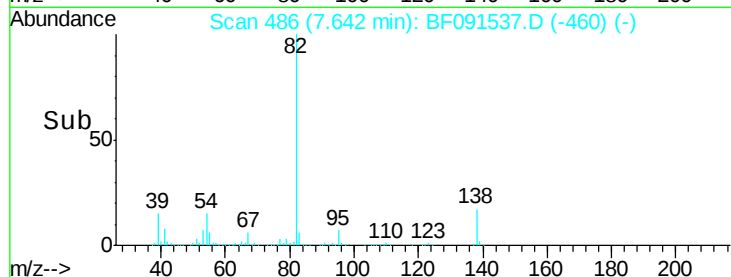
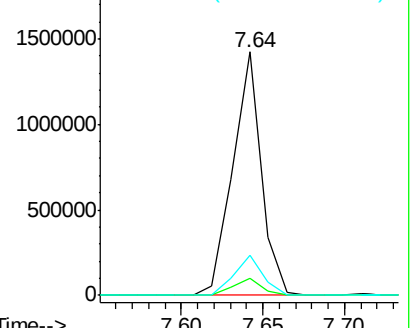
138 16.6 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.51 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

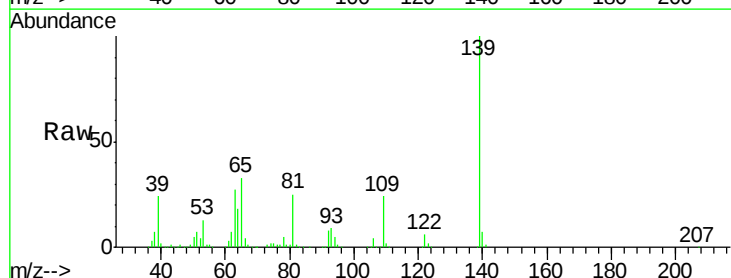
Tgt Ion: 139 Resp: 461120

Ion Ratio Lower Upper

139 100

109 24.1 25.3 37.9#

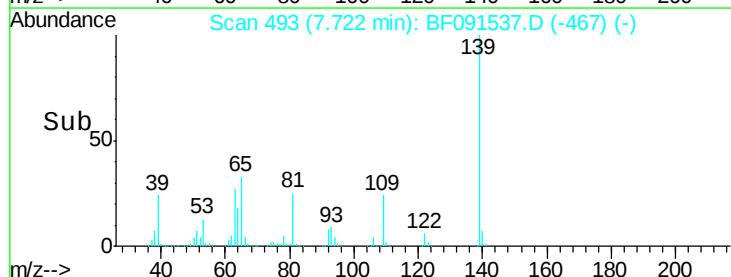
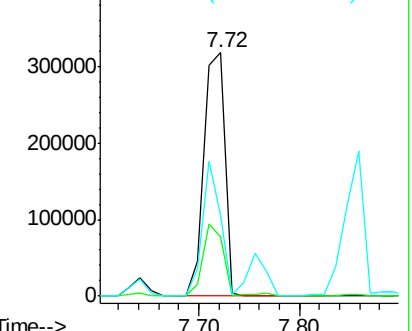
65 33.3 55.4 83.2#

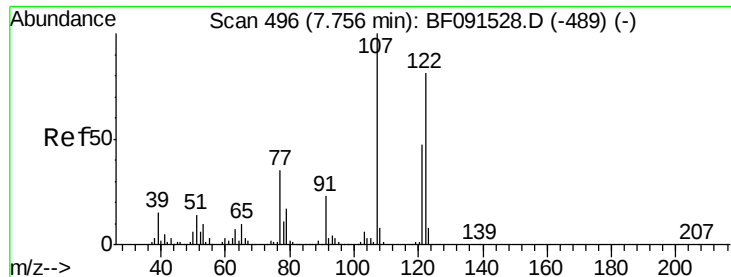


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

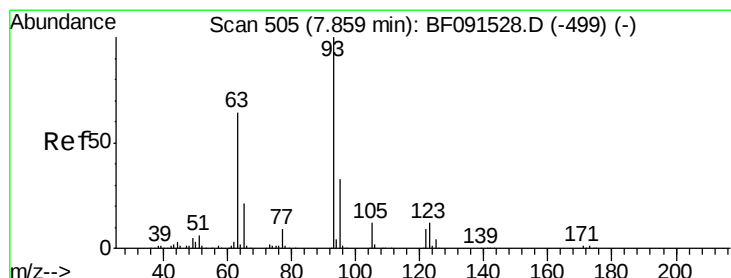
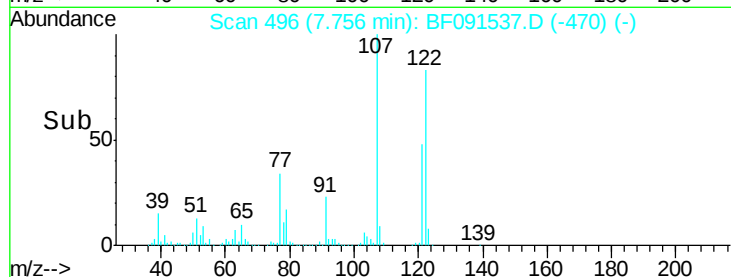
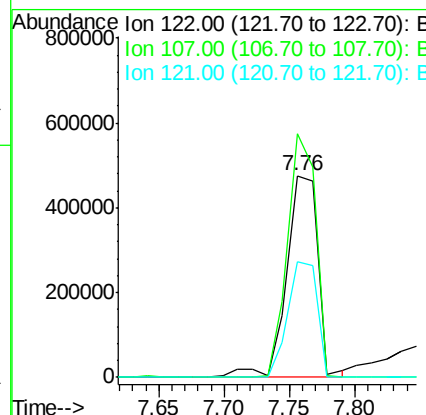
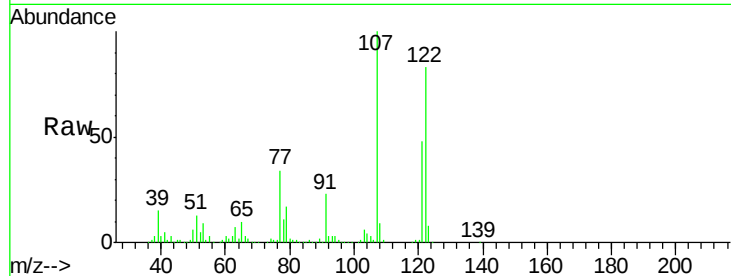




#27
 2,4-Dimethylphenol
 Concen: 29.77 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

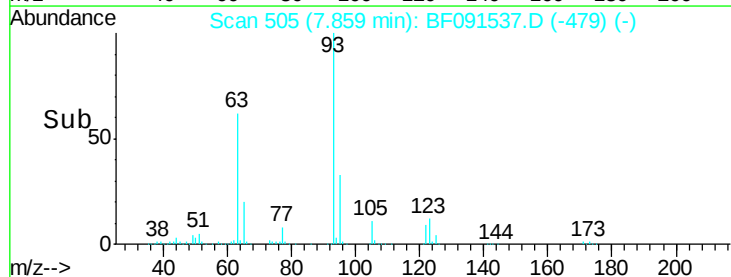
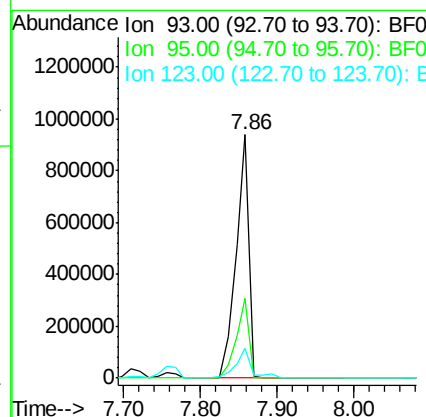
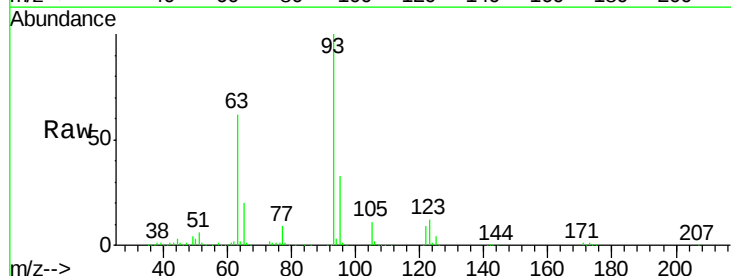
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

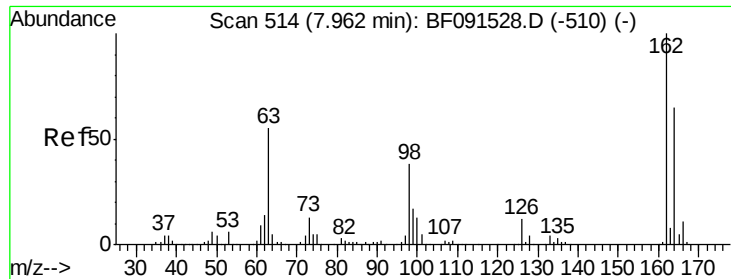
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.5	96.8	145.2
121	57.3	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.03 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	12.2	8.6	12.8

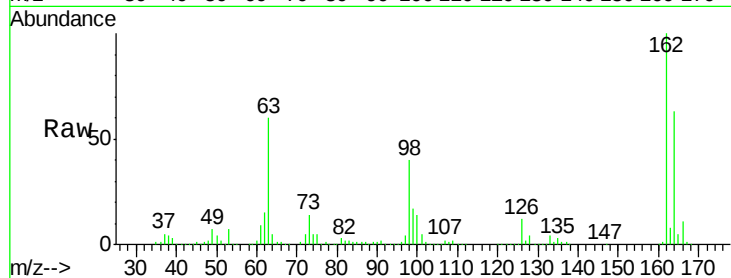




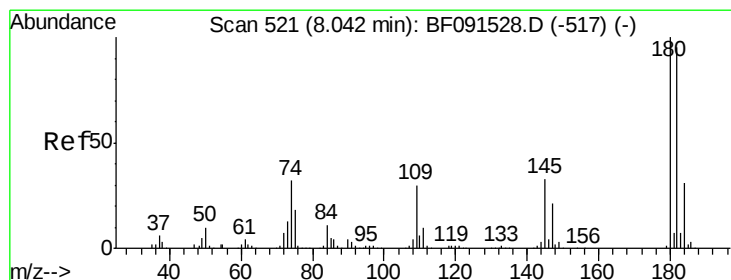
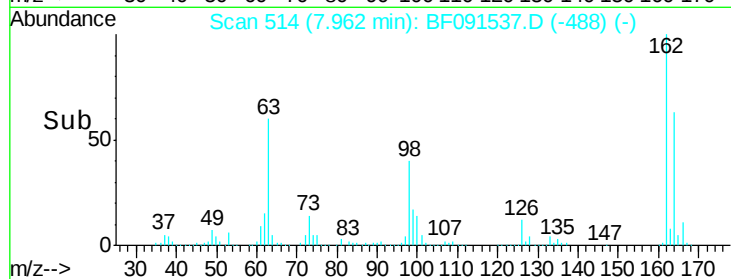
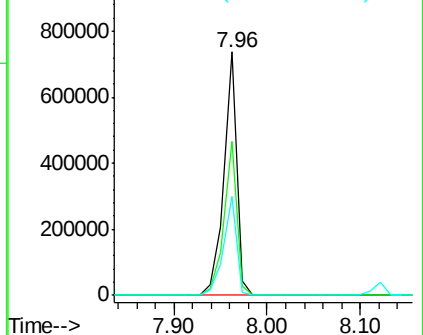
#29
 2,4-Dichlorophenol
 Concen: 30.48 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.0	85.0
98	40.4	21.3	61.3

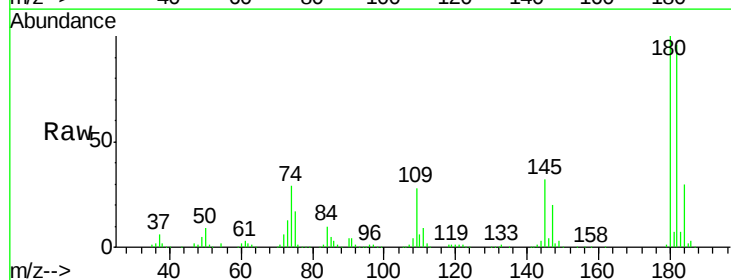


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

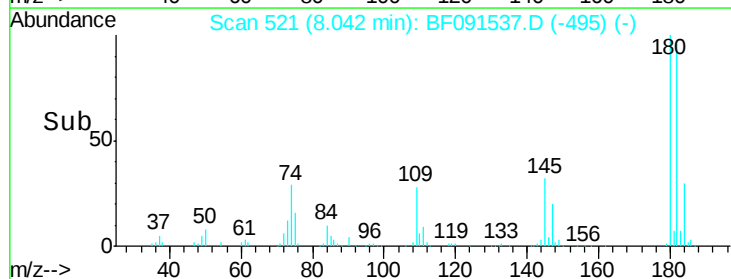
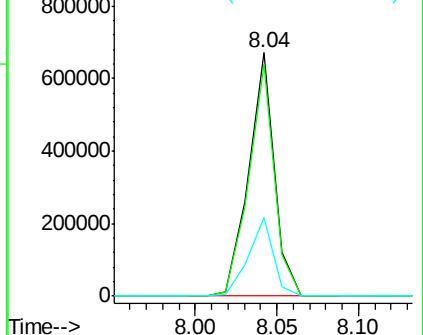


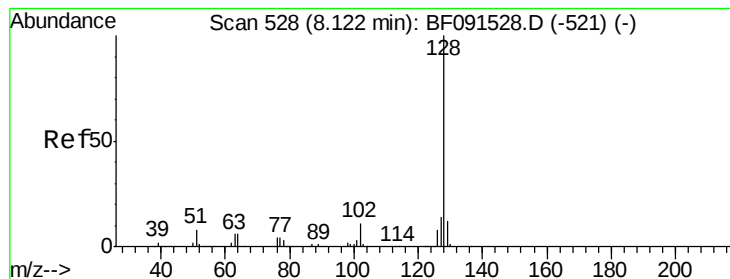
#30
 1,2,4-Trichlorobenzene
 Concen: 27.76 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	32.4	27.0	40.4



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: 27.51 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

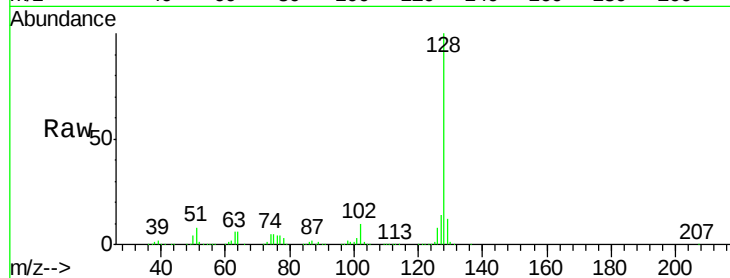
Tgt Ion:128 Resp: 2315725

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

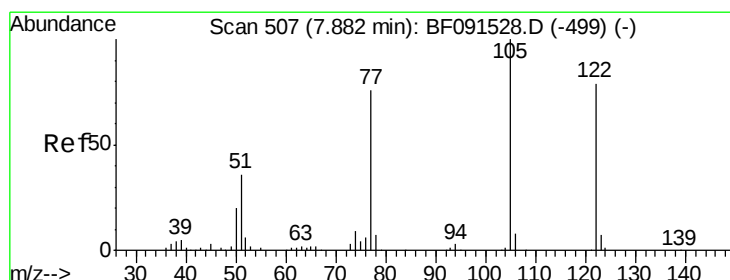
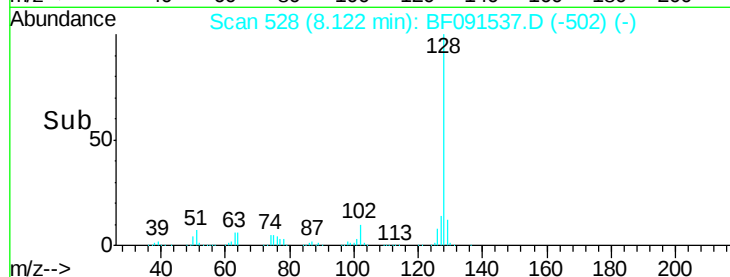
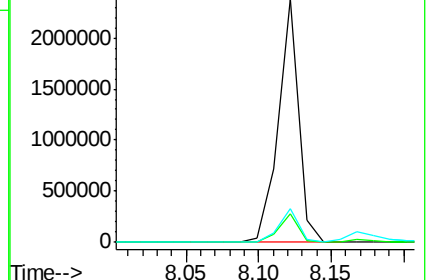
127 13.8 11.0 16.4



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: 29.64 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

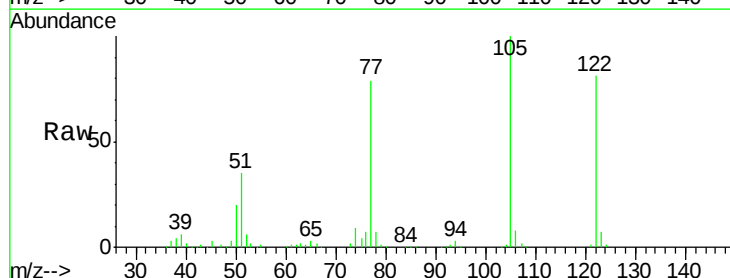
Tgt Ion:122 Resp: 524970

Ion Ratio Lower Upper

122 100

105 123.9 113.0 153.0

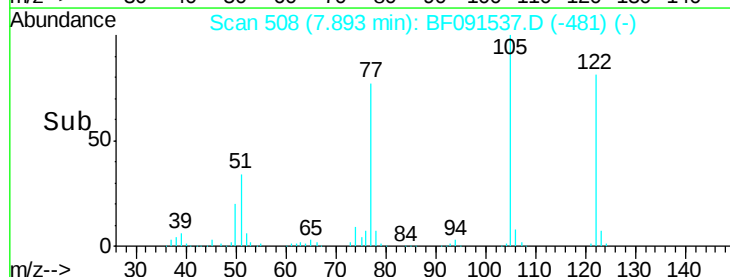
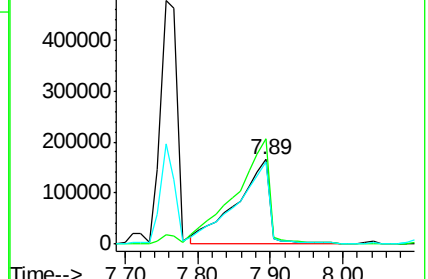
77 97.9 82.0 122.0

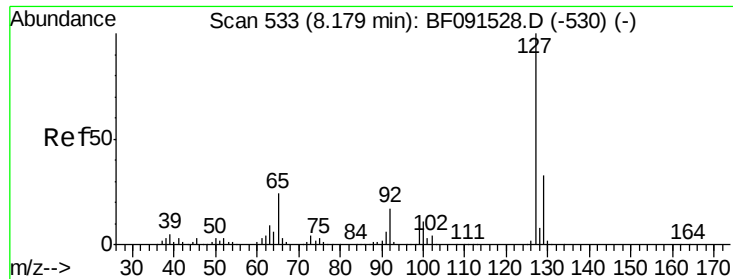


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

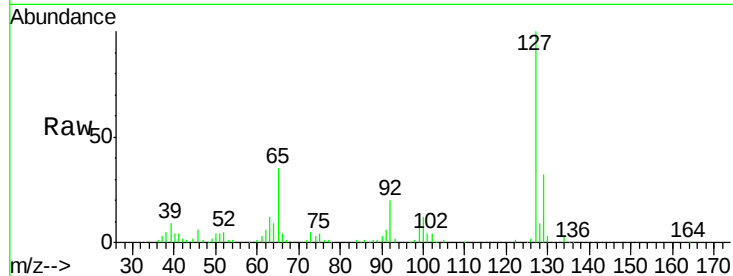




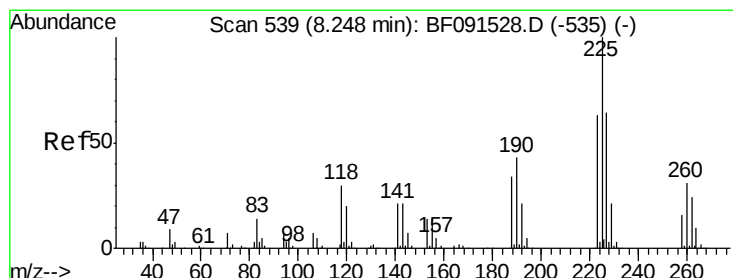
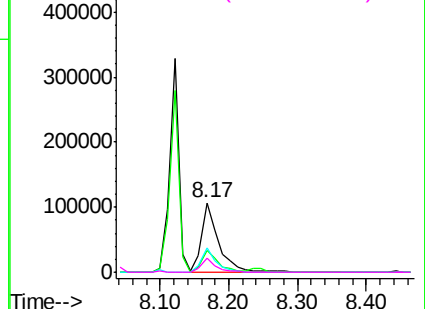
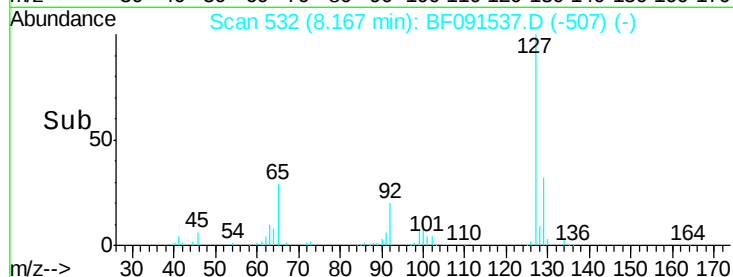
#33
4-Chloroaniline
Concen: 5.04 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tgt Ion:	127	Resp:	182618
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	34.5	26.6	39.8
92	20.1	15.4	23.0

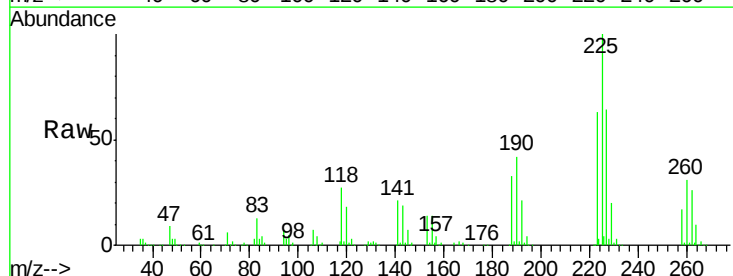


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

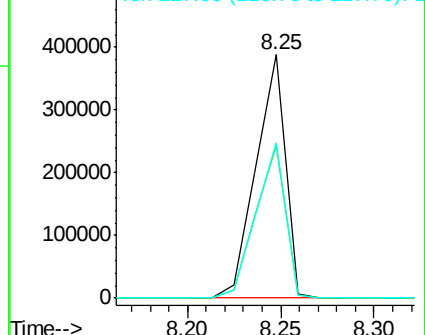
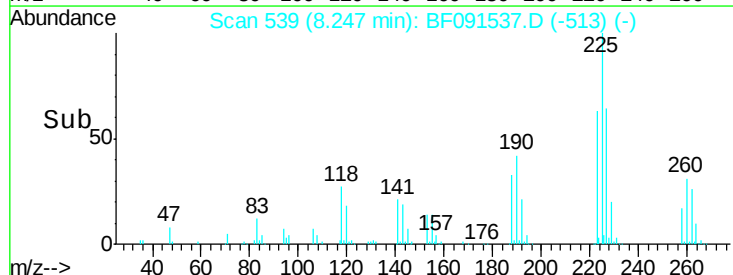


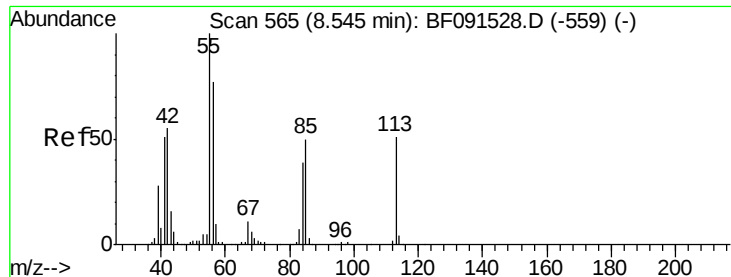
#34
Hexachlorobutadiene
Concen: 28.03 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:	225	Resp:	421913
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	64.0	52.6	79.0



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





#35

Caprolactam

Concen: 21.87 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

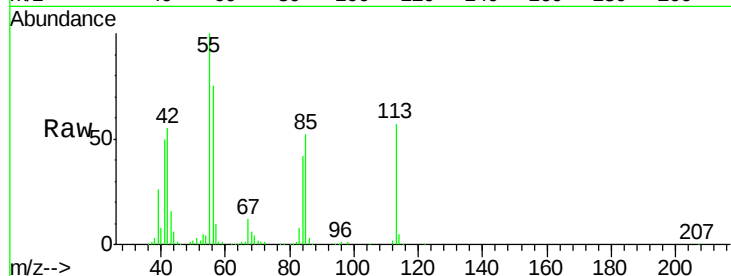
Tgt Ion:113 Resp: 147567

Ion Ratio Lower Upper

113 100

55 174.8 239.8 279.8#

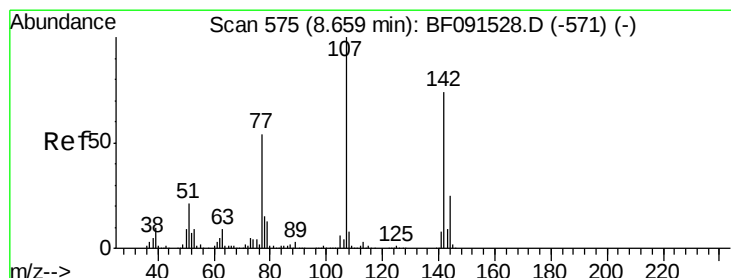
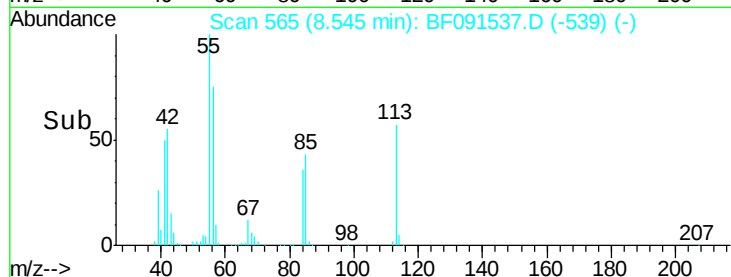
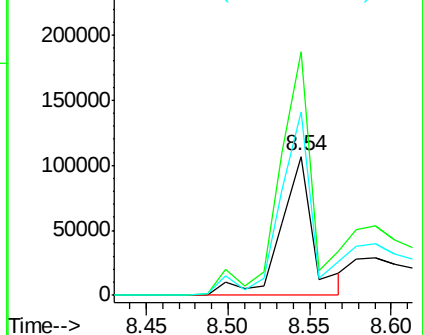
56 131.7 165.6 205.6#



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: 28.60 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

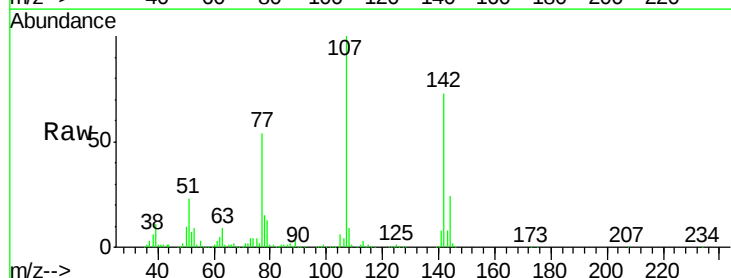
Tgt Ion:107 Resp: 741016

Ion Ratio Lower Upper

107 100

144 23.6 18.9 28.3

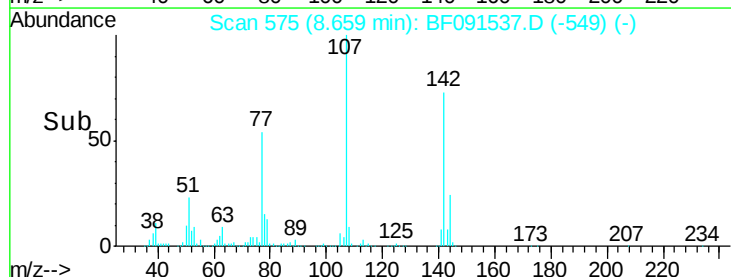
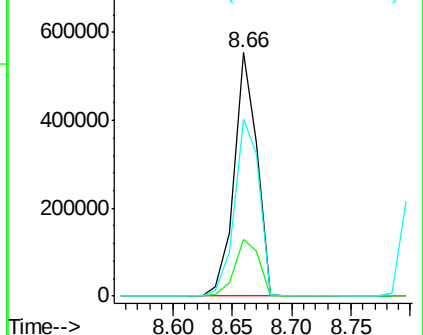
142 72.6 58.5 87.7

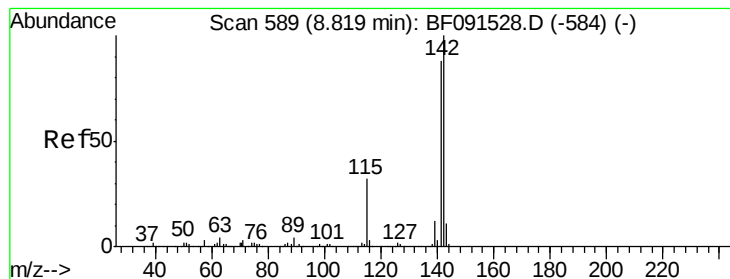


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 29.30 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

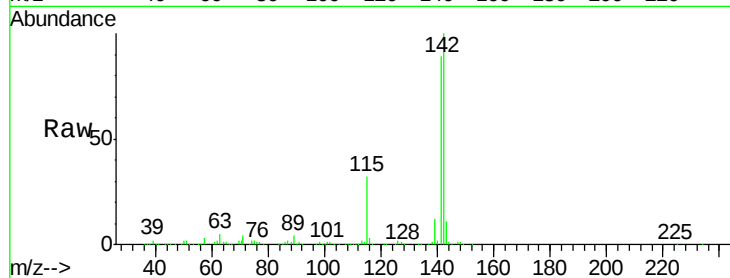
Tgt Ion:142 Resp: 1596335

Ion Ratio Lower Upper

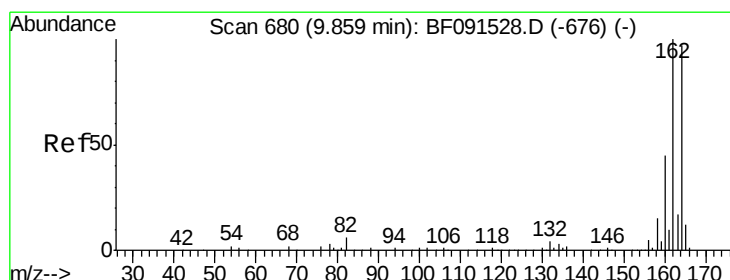
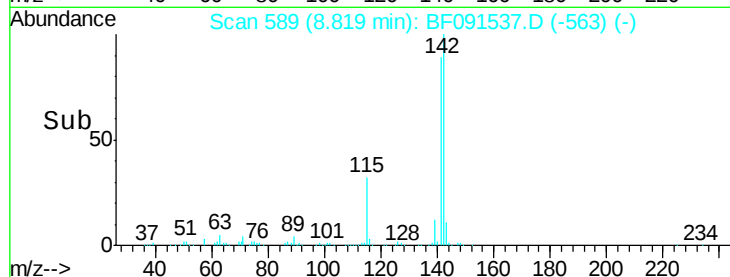
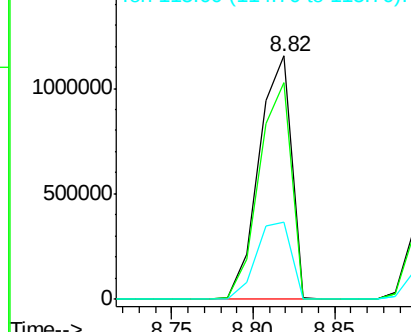
142 100

141 88.8 71.7 107.5

115 32.0 25.0 37.6



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: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

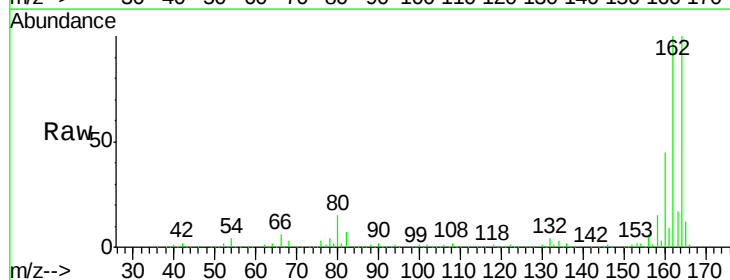
Tgt Ion:164 Resp: 978772

Ion Ratio Lower Upper

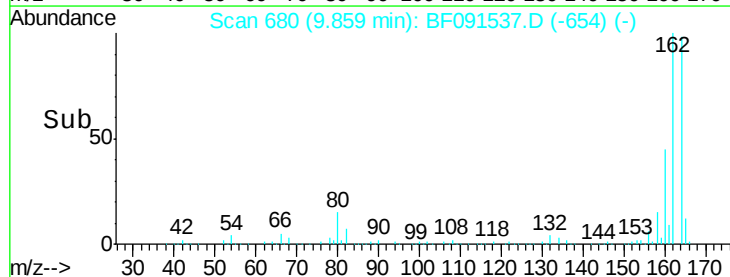
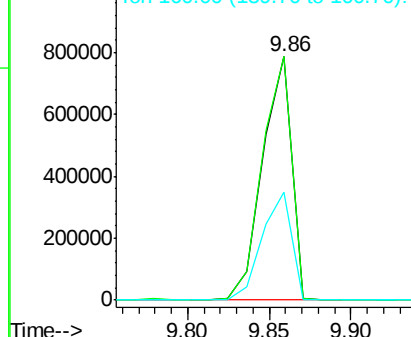
164 100

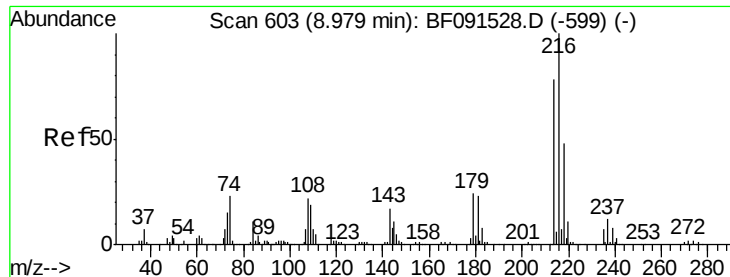
162 100.2 82.6 124.0

160 44.6 36.7 55.1



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

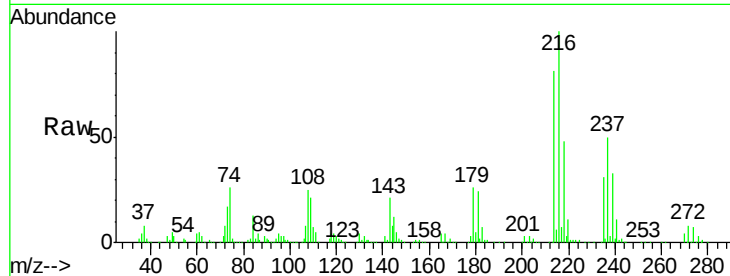




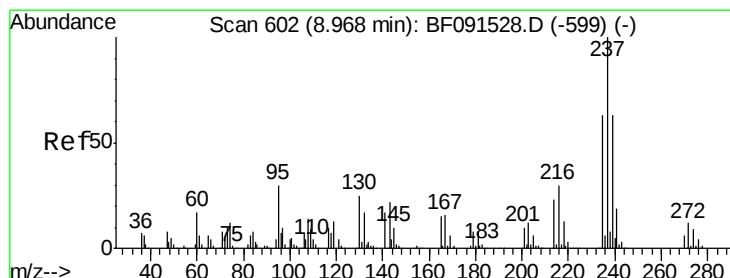
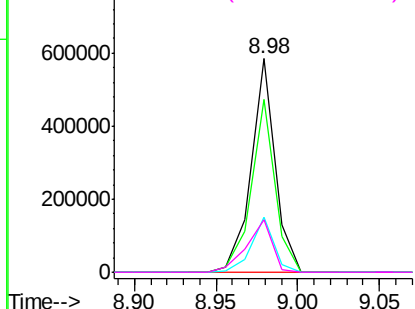
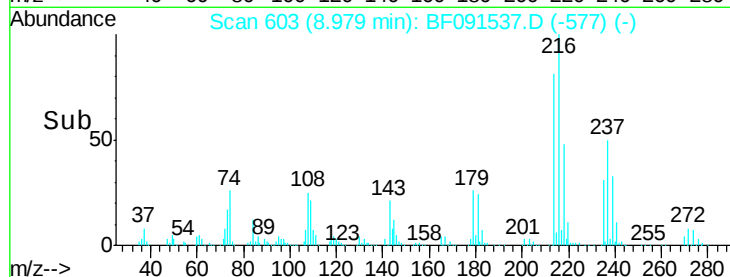
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.31 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:	216	Resp:	598863
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.8
179	24.1	18.2	27.2
108	26.3	17.2	25.8#

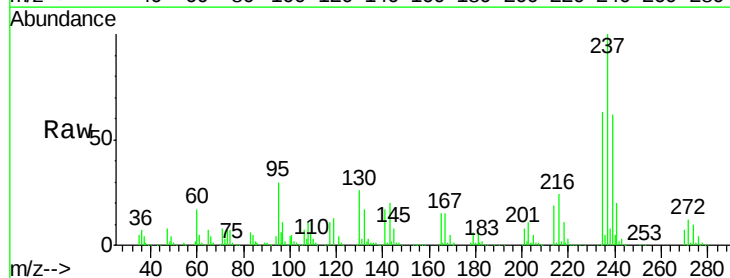


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

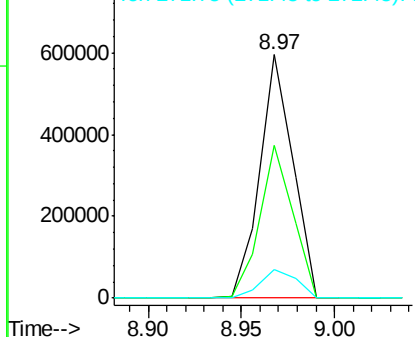
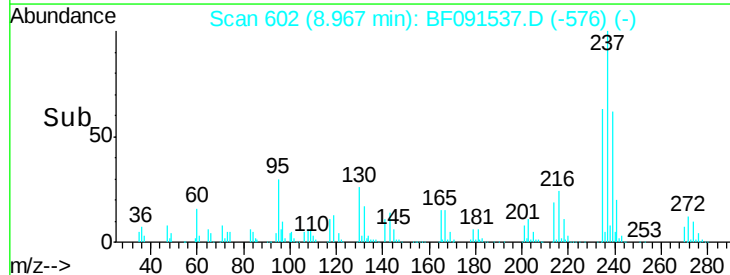


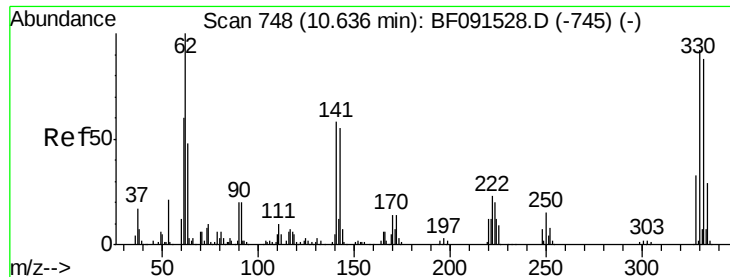
#40
 Hexachlorocyclopentadiene
 Concen: 61.14 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:	237	Resp:	731764
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.9	83.9
272	12.0	0.0	33.1



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

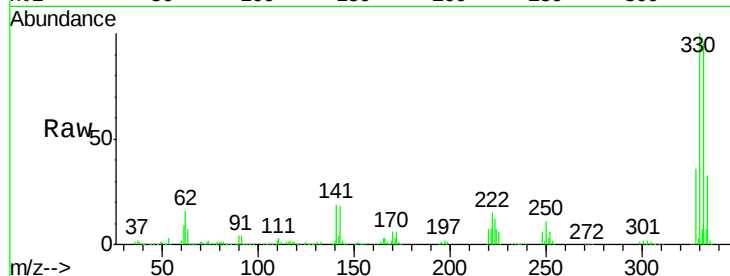




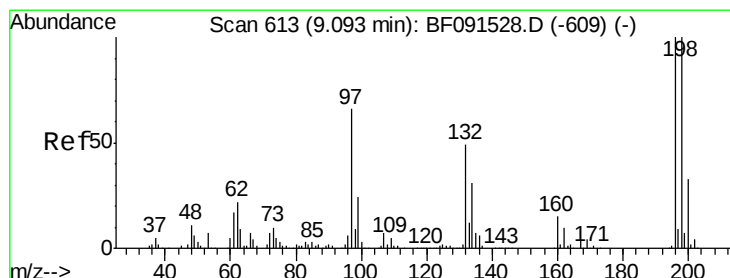
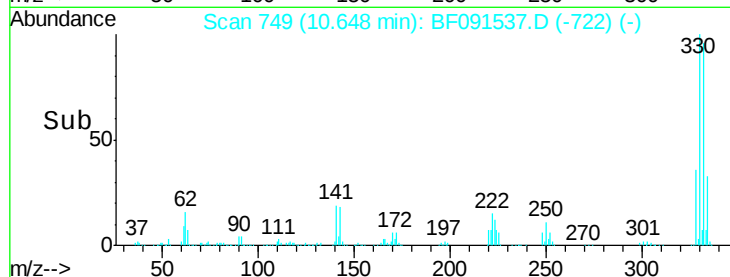
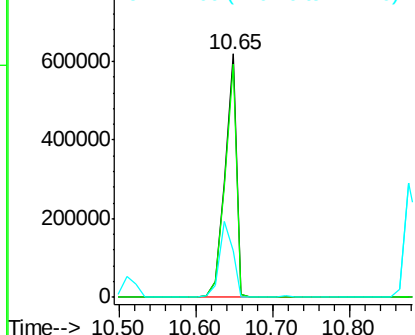
#41
 2,4,6-Tribromophenol
 Concen: 82.17 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:330 Resp: 668019
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 35.9 33.6 50.4

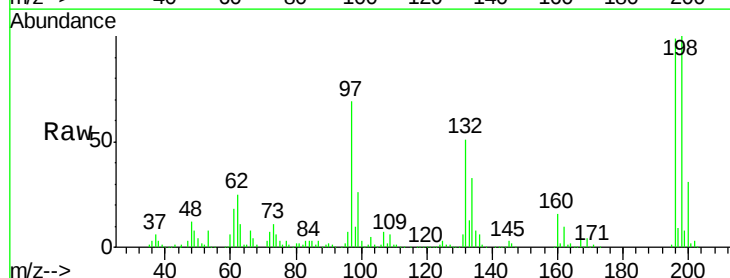


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

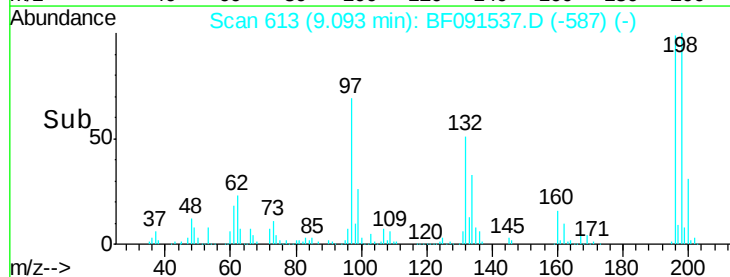
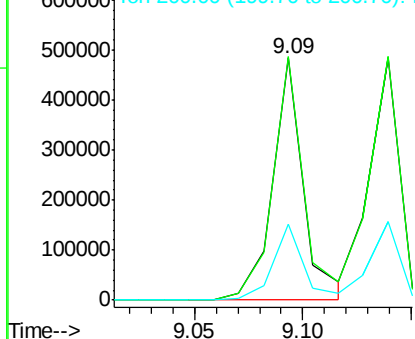


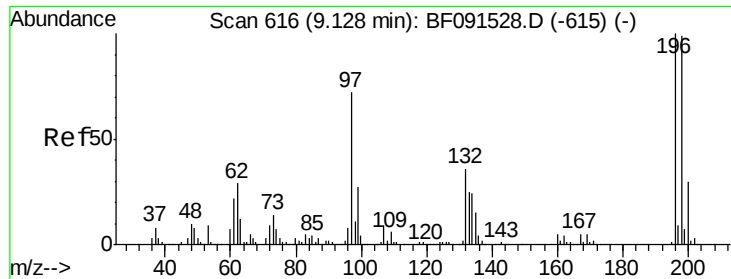
#42
 2,4,6-Trichlorophenol
 Concen: 27.97 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:196 Resp: 482500
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.4 116.0
 200 31.3 25.2 37.8



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

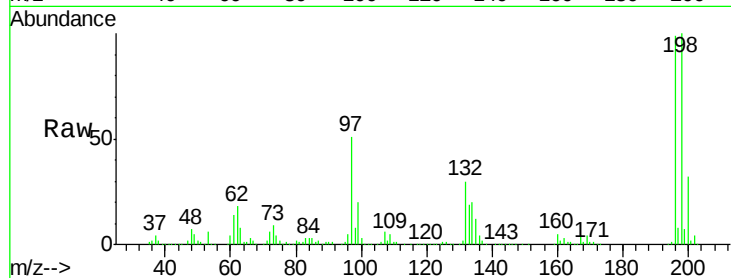




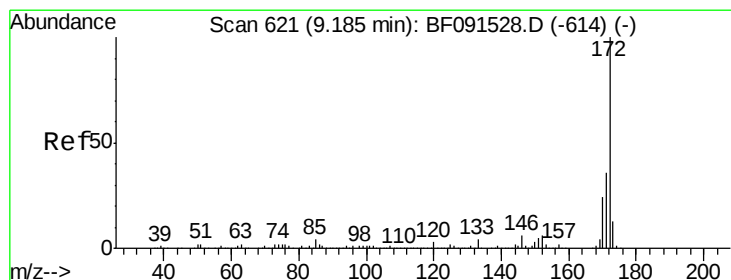
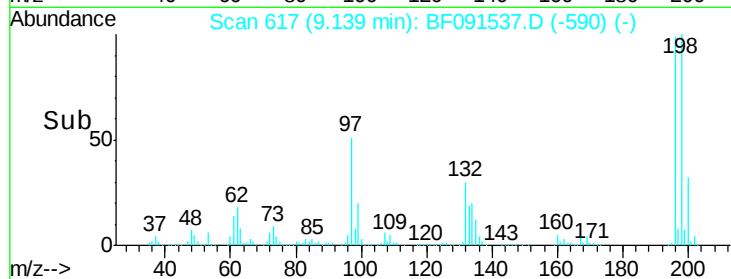
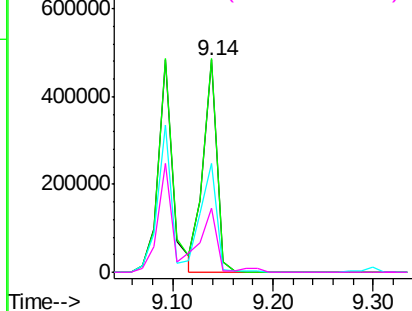
#43
 2,4,5-Trichlorophenol
 Concen: 26.15 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion	Resp	Lower	Upper
196	463546		
196	100		
198	100.6	77.0	115.6
97	51.5	33.5	50.3
132	29.9	20.5	30.7

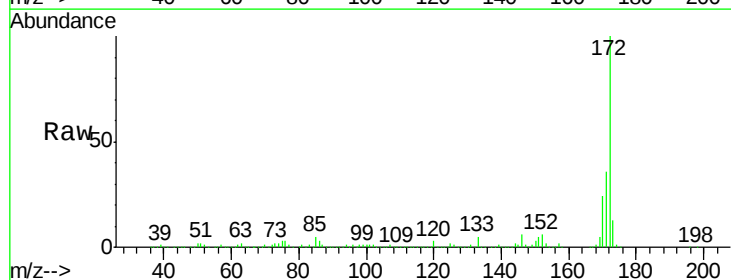


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

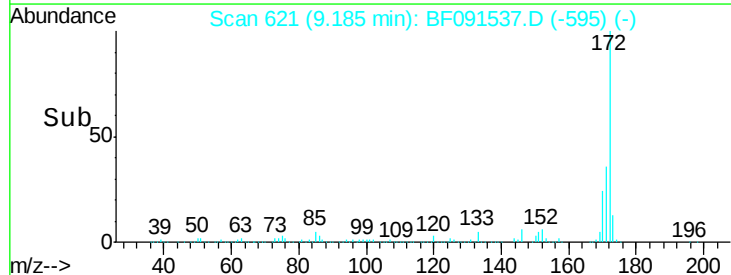
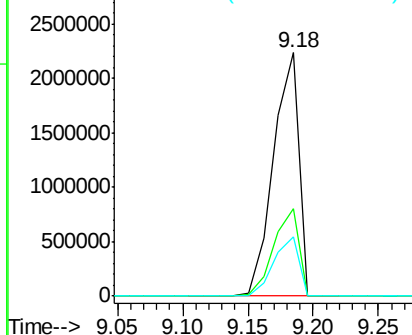


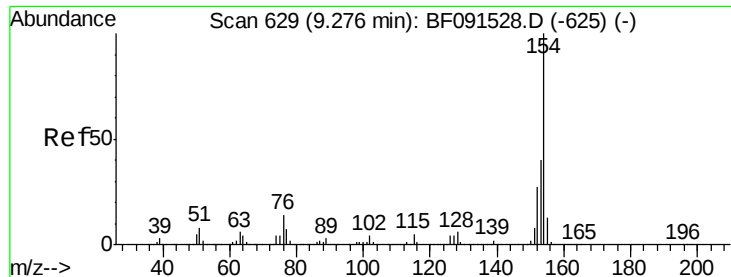
#44
 2-Fluorobiphenyl
 Concen: 54.13 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Resp	Lower	Upper
172	3066308		
172	100		
171	36.2	29.4	44.0
170	24.4	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

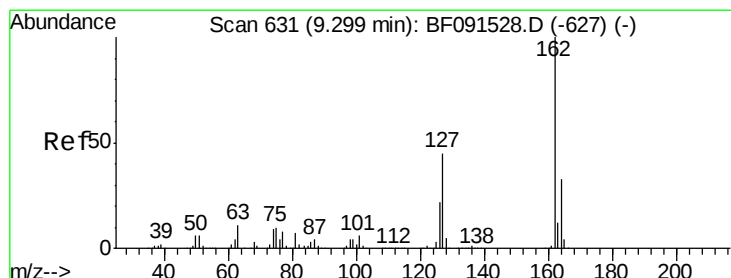
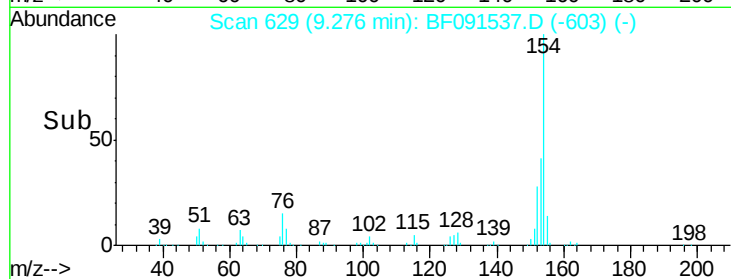
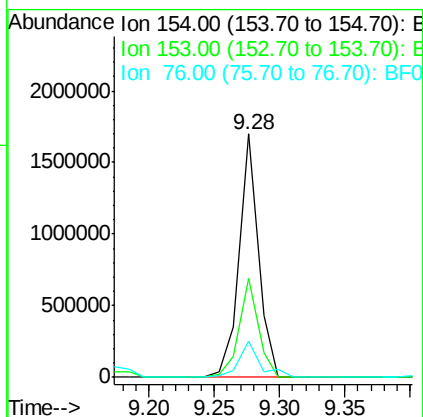
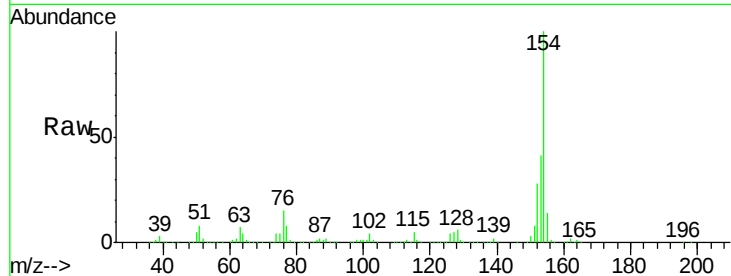




#45
 1,1'-Biphenyl
 Concen: 24.50 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

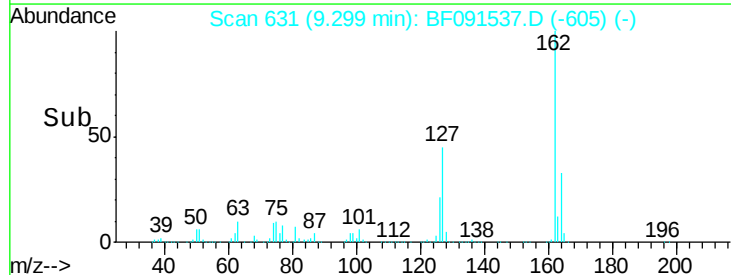
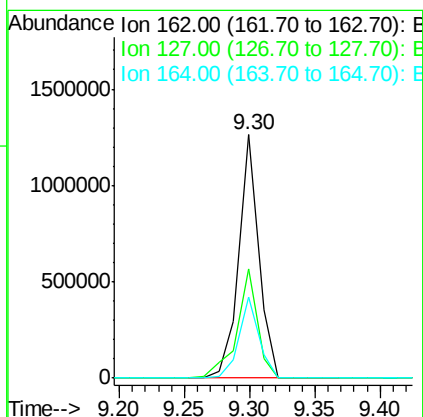
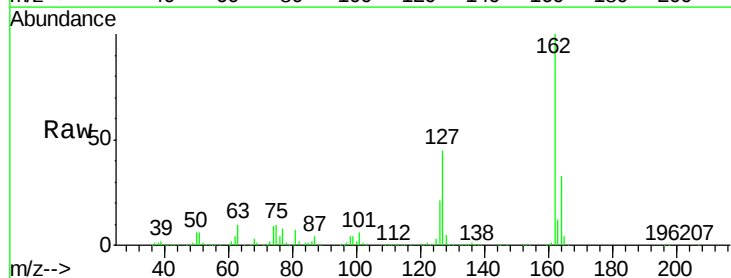
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

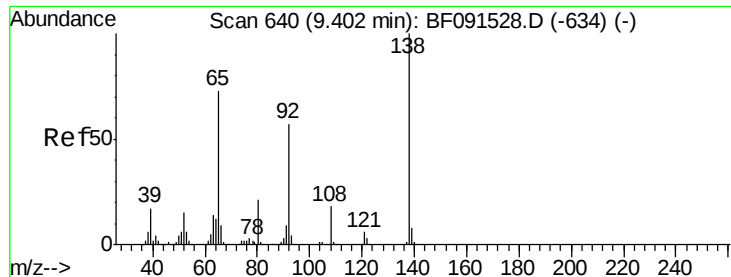
Tgt Ion:154 Resp: 1737028
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 14.9 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 24.34 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:162 Resp: 1336039
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.3 51.5
 164 33.1 26.6 40.0

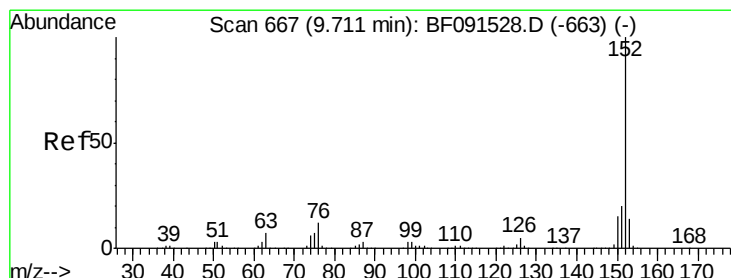
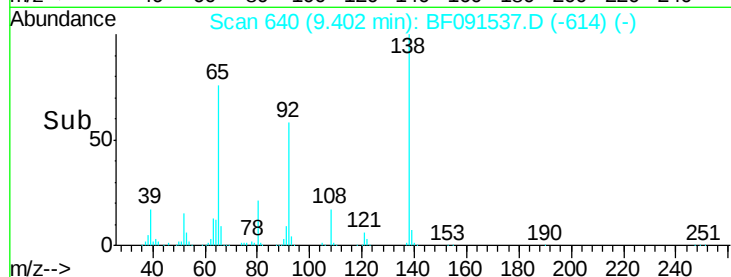
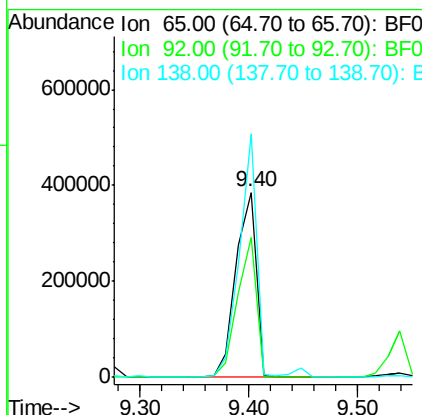
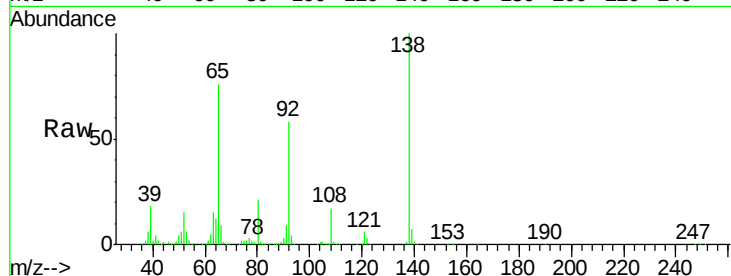




#47
2-Nitroaniline
Concen: 26.79 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

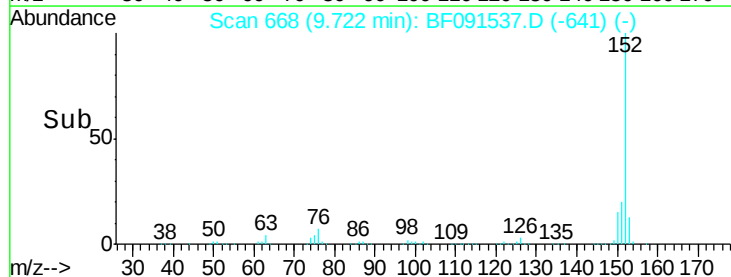
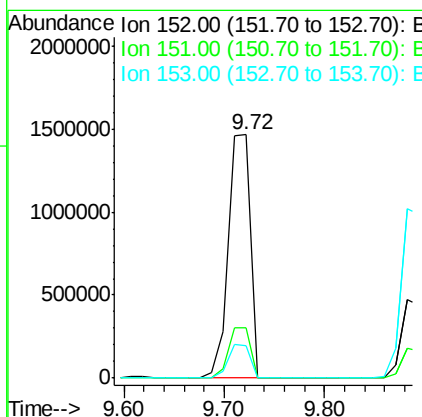
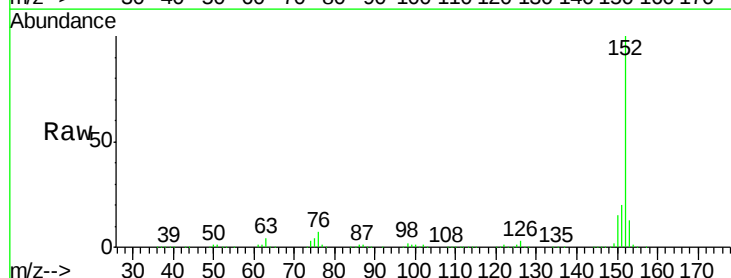
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

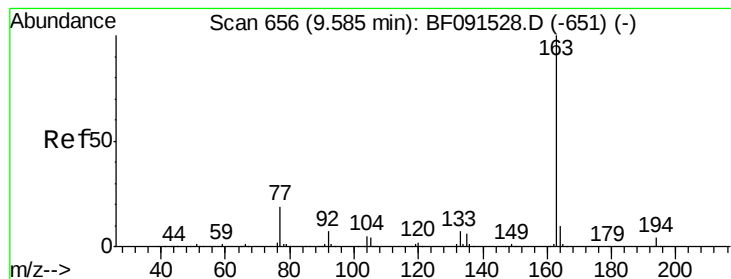
Tgt Ion: 65 Resp: 494500
Ion Ratio Lower Upper
65 100
92 75.8 53.6 80.4
138 131.7 91.0 136.6



#48
Acenaphthylene
Concen: 26.64 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion: 152 Resp: 2229051
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 26.33 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

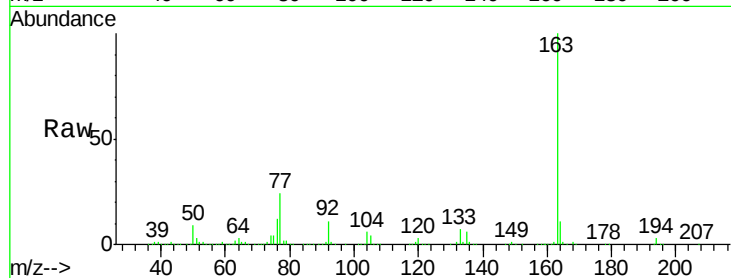
Tgt Ion:163 Resp: 1631551

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

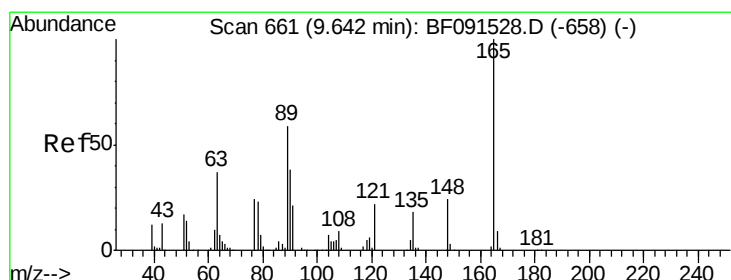
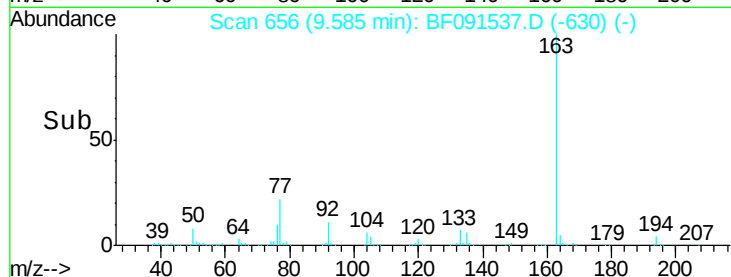
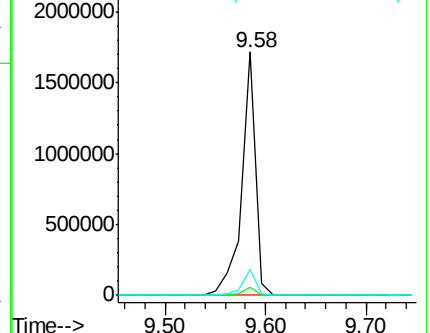
164 10.5 7.8 11.8



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: 27.44 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

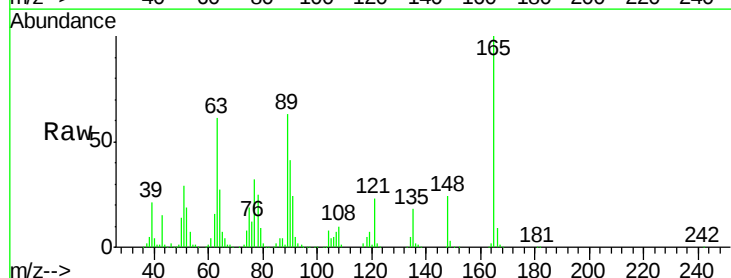
Tgt Ion:165 Resp: 373298

Ion Ratio Lower Upper

165 100

63 61.2 59.4 89.0

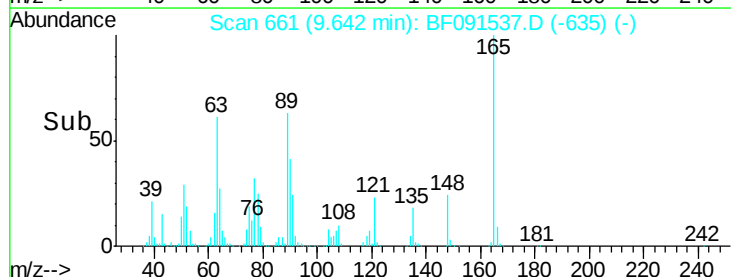
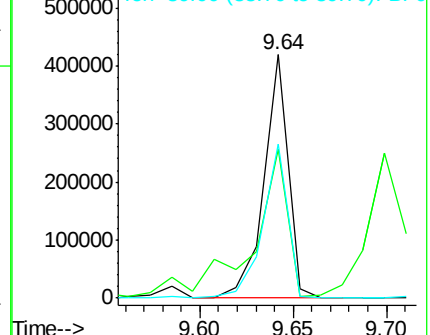
89 63.0 50.8 76.2

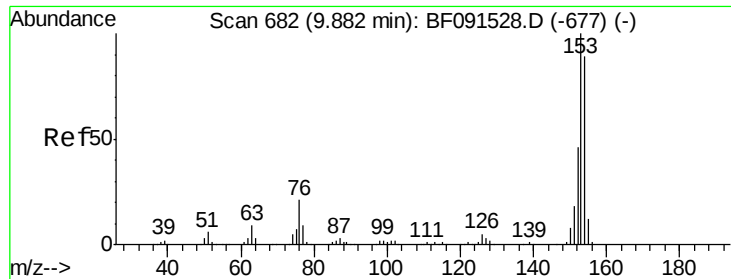


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.54 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

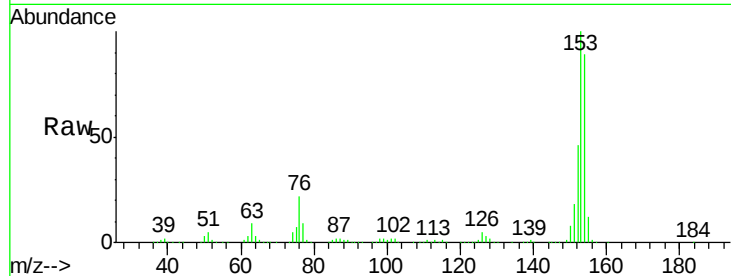
Tgt Ion:154 Resp: 1600953

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

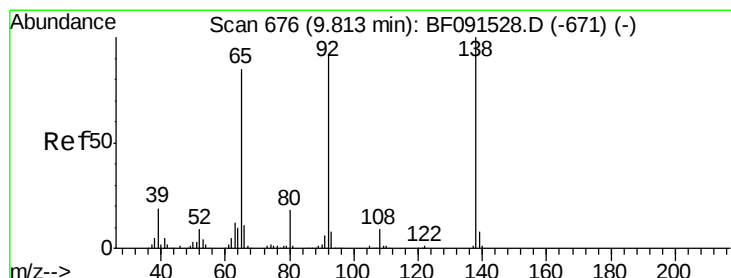
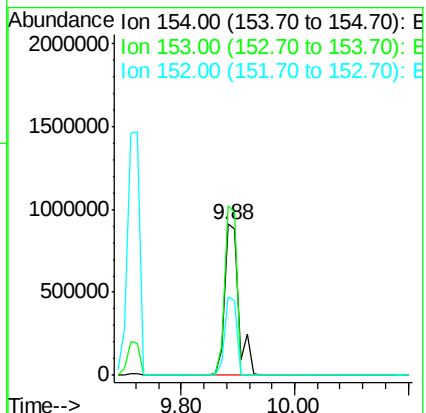
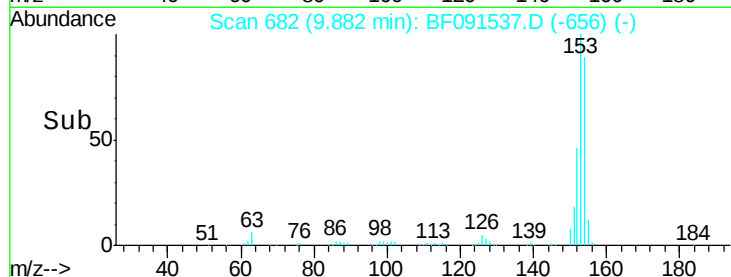
152 51.5 44.2 66.2



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: 10.27 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

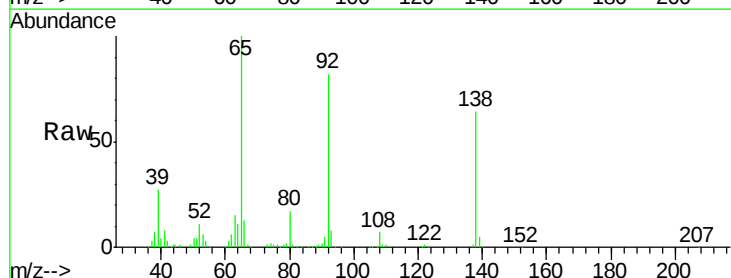
Tgt Ion:138 Resp: 164074

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

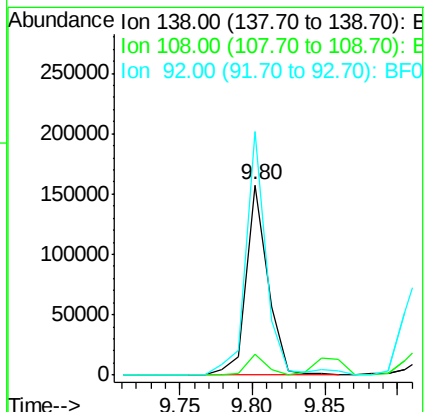
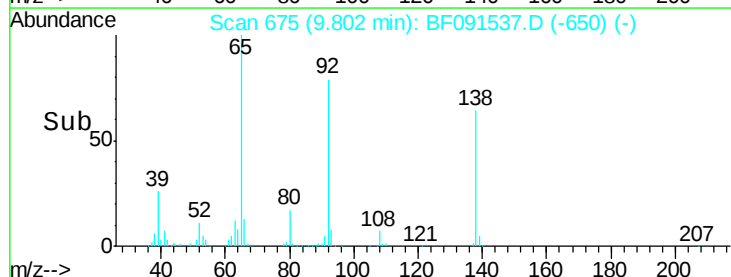
92 128.0 92.5 138.7

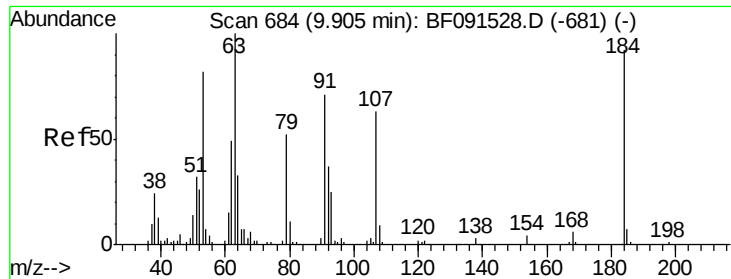


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

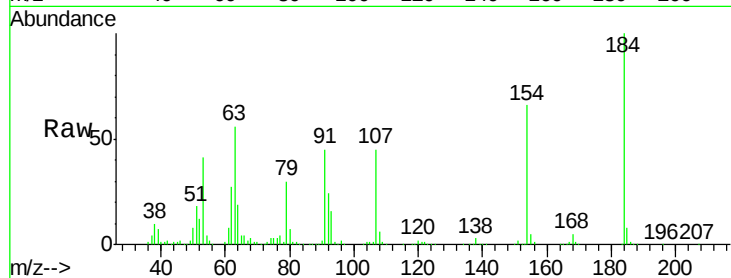




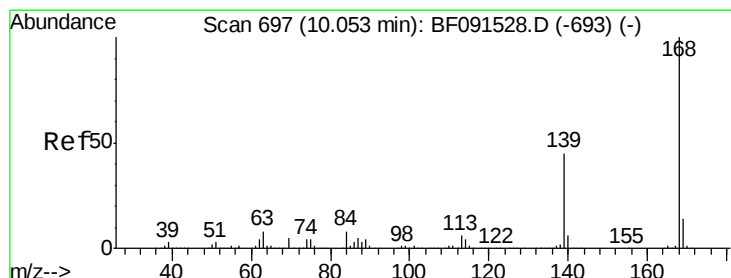
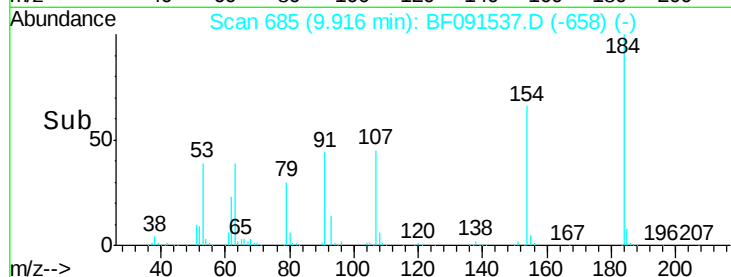
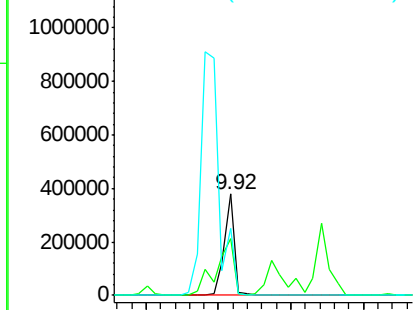
#53
 2,4-Dinitrophenol
 Concen: 54.27 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:184 Resp: 370113
 Ion Ratio Lower Upper
 184 100
 63 56.5 58.3 87.5#
 154 66.0 48.6 73.0

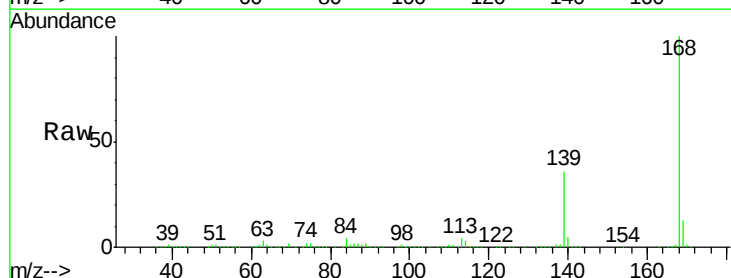


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

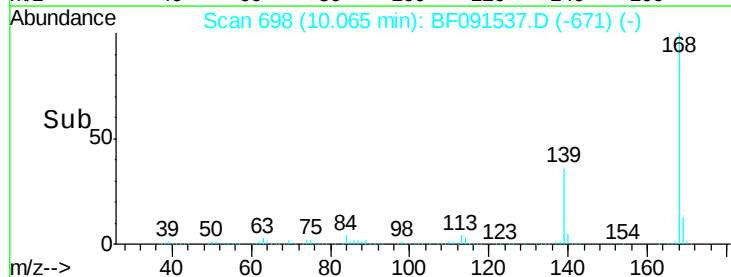
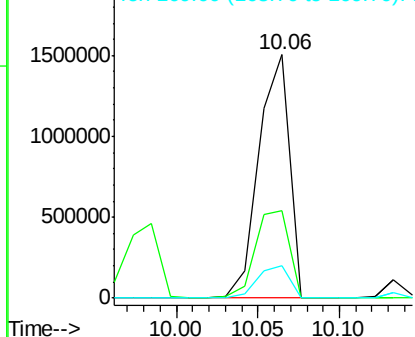


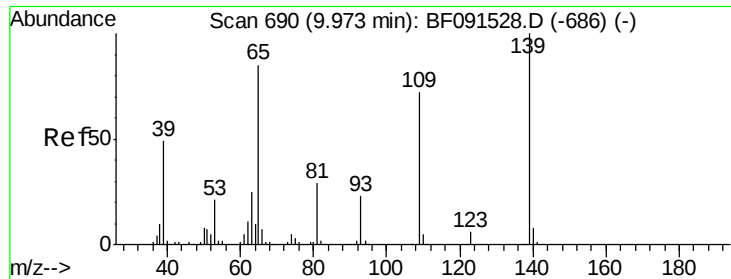
#54
 Dibenzofuran
 Concen: 27.36 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:168 Resp: 1967799
 Ion Ratio Lower Upper
 168 100
 139 36.1 33.4 50.2
 169 13.2 11.1 16.7



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: 56.43 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

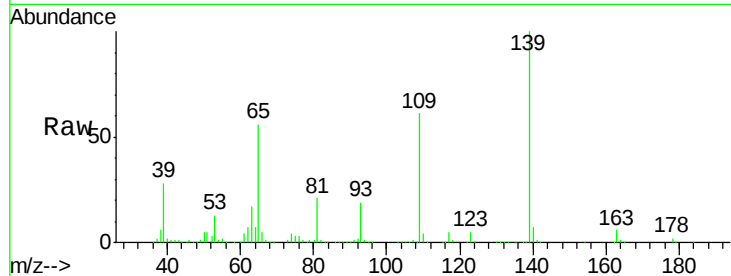
Tgt Ion:139 Resp: 670865

Ion Ratio Lower Upper

139 100

109 60.6 54.9 94.9

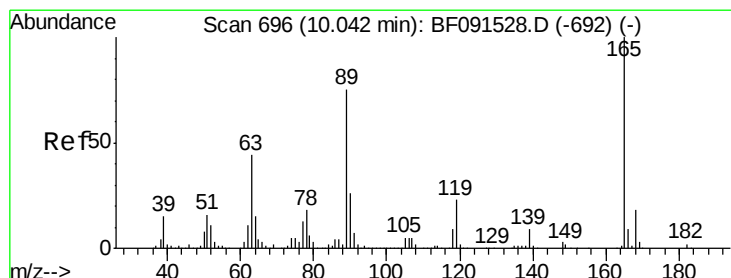
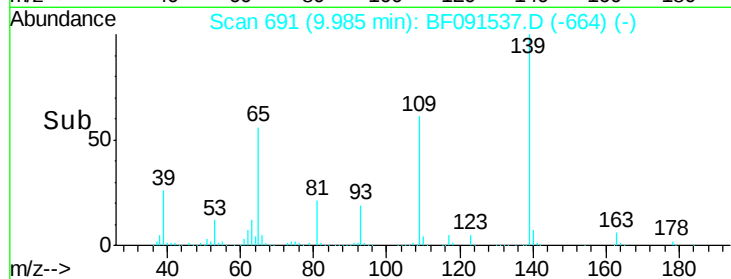
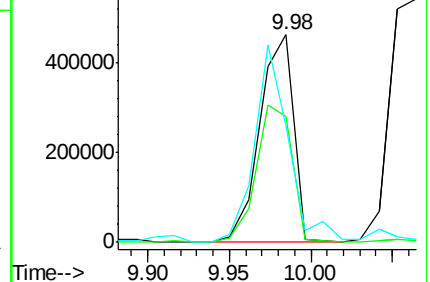
65 56.1 102.2 142.2#



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: 25.94 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:165 Resp: 442204

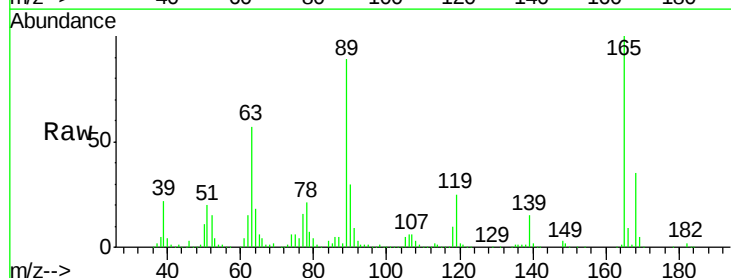
Ion Ratio Lower Upper

165 100

63 56.5 29.0 43.4#

89 89.2 43.1 64.7#

182 2.2 1.9 2.9

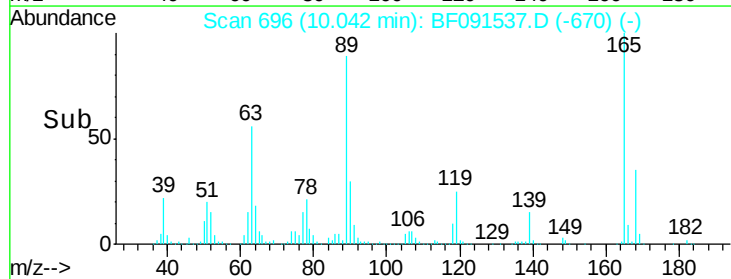
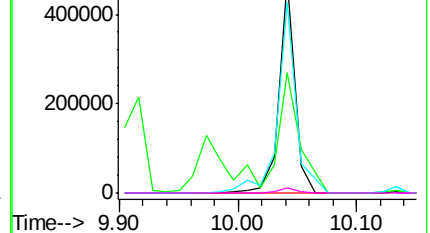


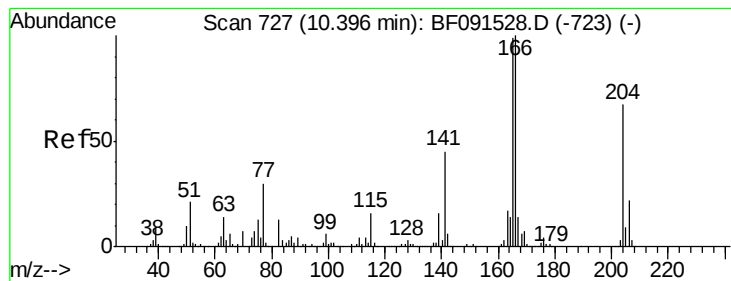
Abundance Ion 165.00 (164.70 to 165.70): E

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: 24.30 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

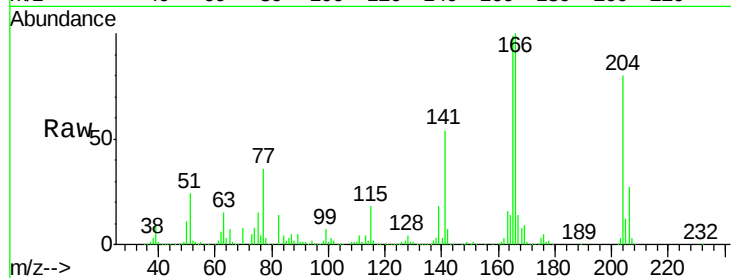
Tgt Ion:166 Resp: 1366120

Ion Ratio Lower Upper

166 100

165 98.6 80.0 120.0

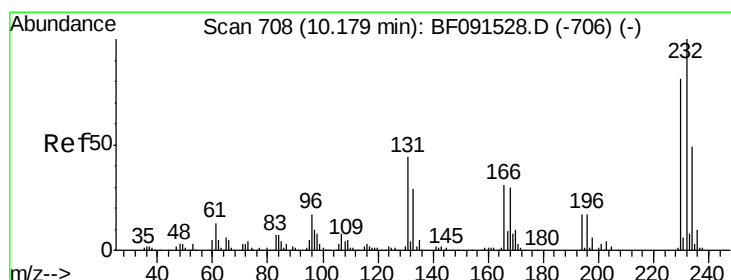
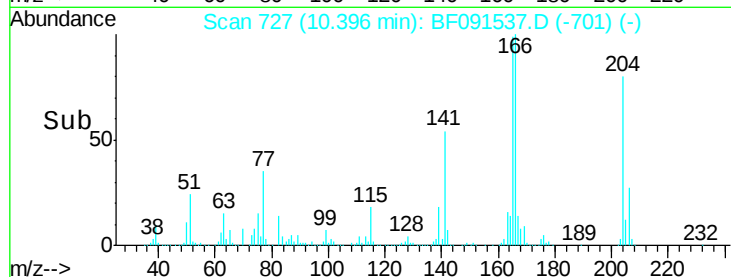
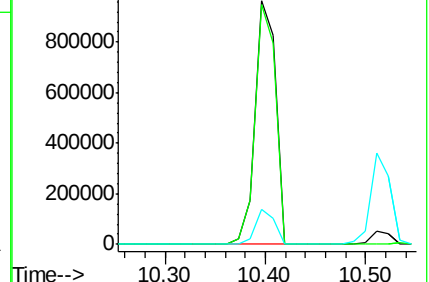
167 14.4 10.8 16.2



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: 27.83 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:232 Resp: 386170

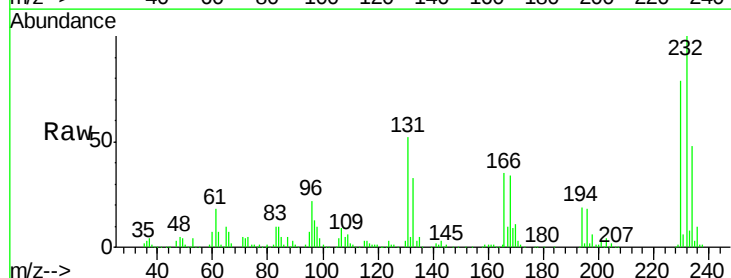
Ion Ratio Lower Upper

232 100

131 54.8 38.4 57.6

130 2.7 1.8 2.8

166 35.6 23.9 35.9

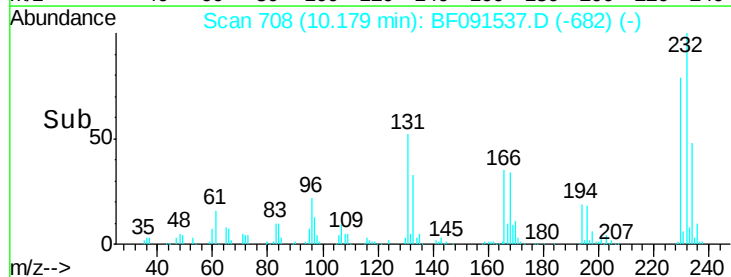
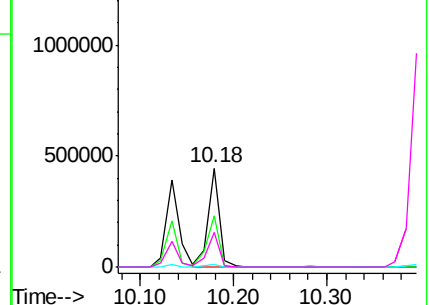


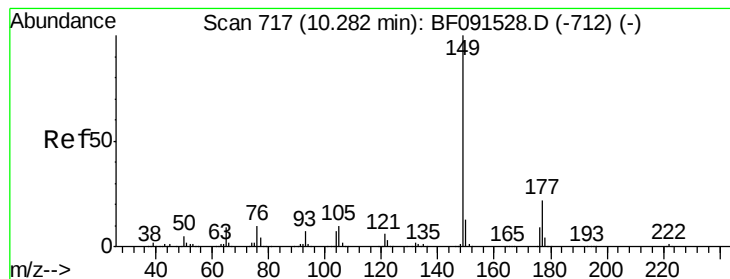
Abundance Ion 232.00 (231.70 to 232.70): E

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: 26.48 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

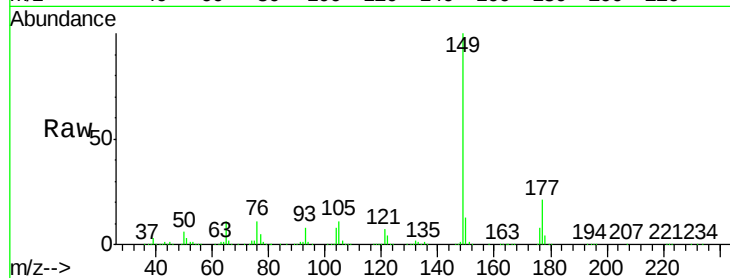
Tgt Ion:149 Resp: 1580060

Ion Ratio Lower Upper

149 100

177 21.1 15.7 23.5

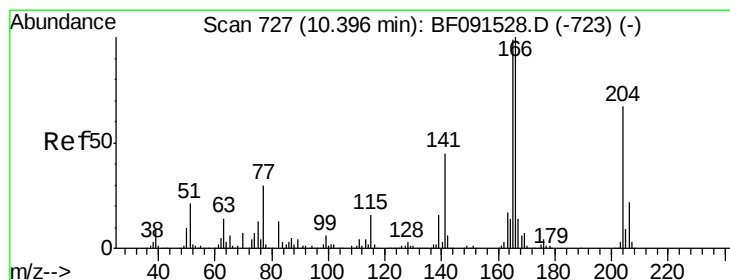
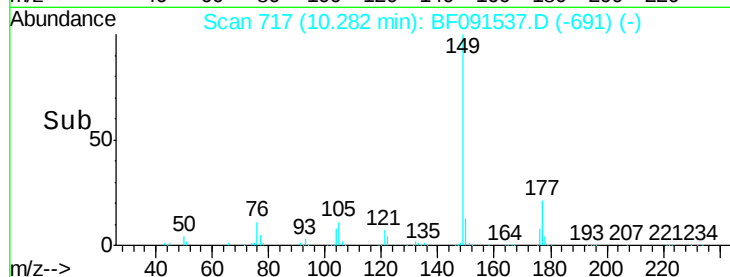
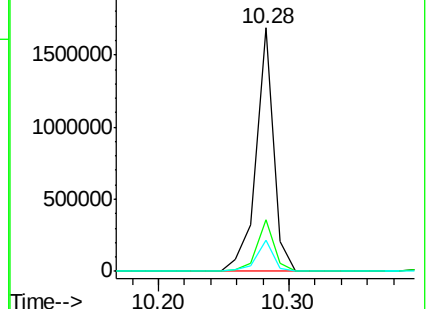
150 12.9 10.2 15.2



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: 26.08 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

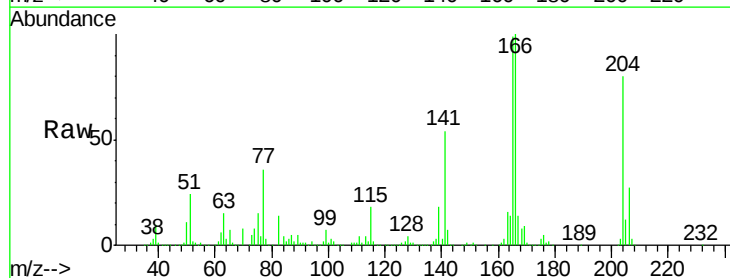
Tgt Ion:204 Resp: 674454

Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

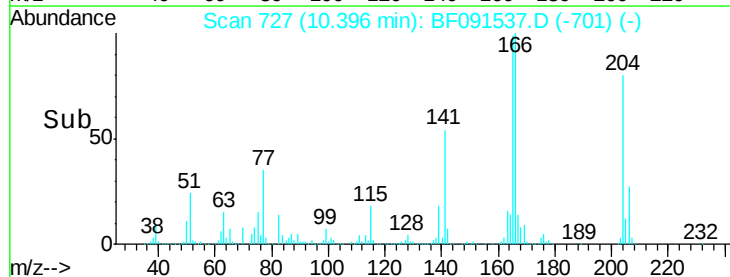
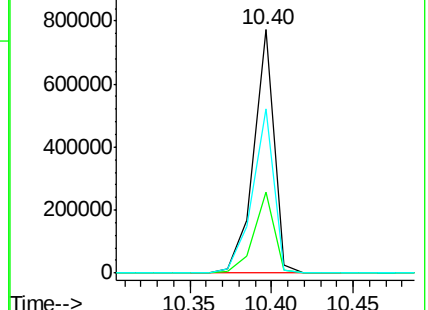
141 67.6 40.6 61.0#

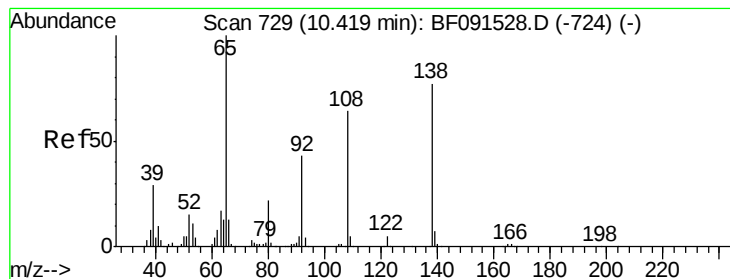


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.40 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

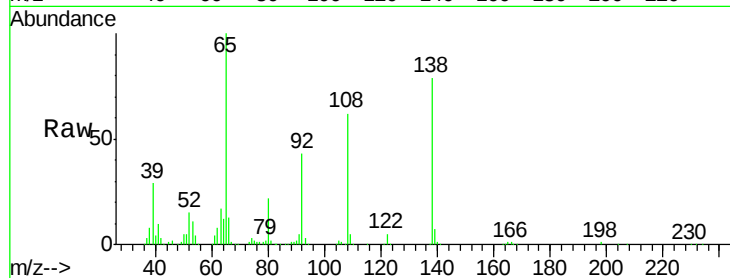
Tgt Ion:138 Resp: 371616

Ion Ratio Lower Upper

138 100

92 54.3 26.9 66.9

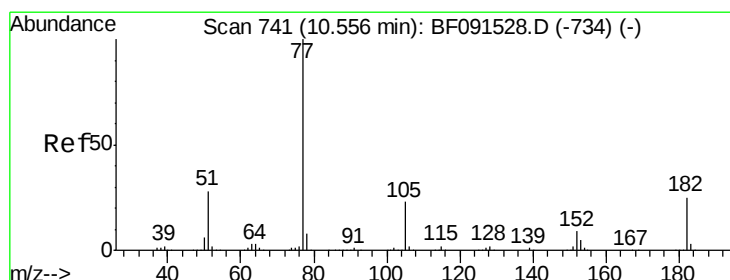
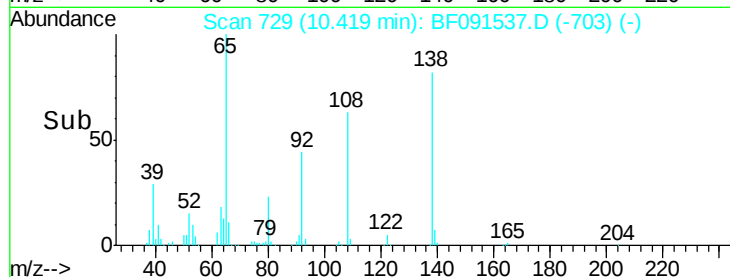
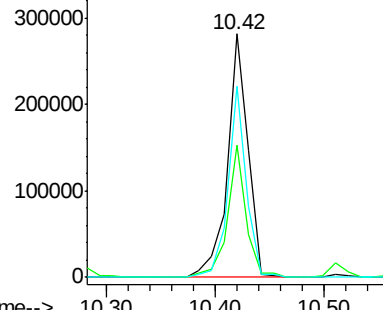
108 78.3 49.1 89.1



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: 28.83 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion: 77 Resp: 1949737

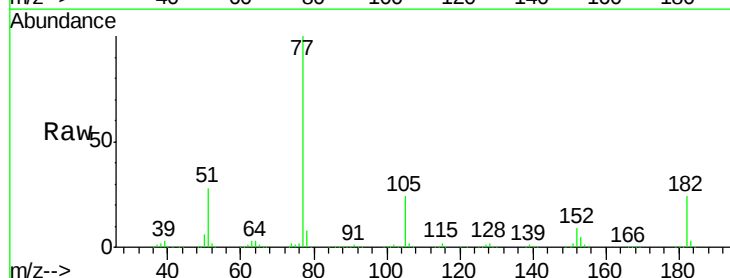
Ion Ratio Lower Upper

77 100

182 24.3 12.5 52.5

105 23.9 3.7 43.7

51 28.4 11.9 51.9

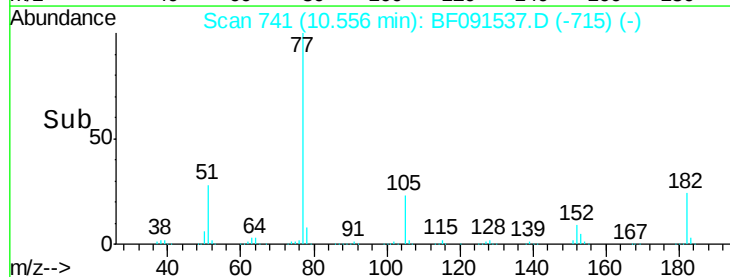
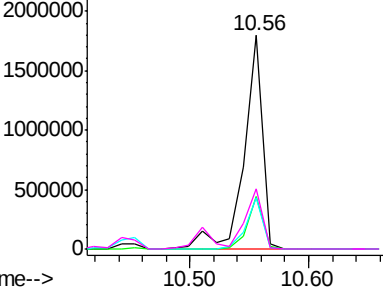


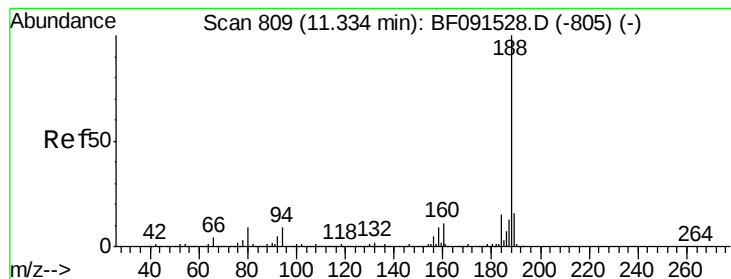
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

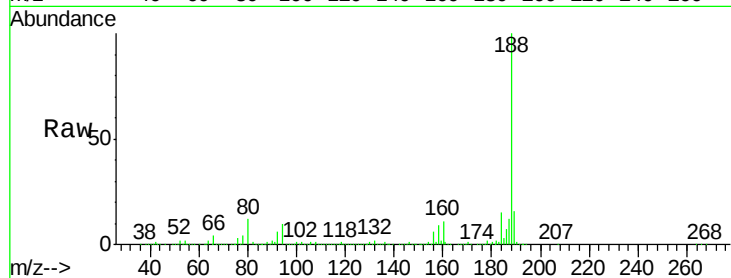
Tgt Ion:188 Resp: 1492492

Ion Ratio Lower Upper

188 100

94 10.2 9.2 13.8

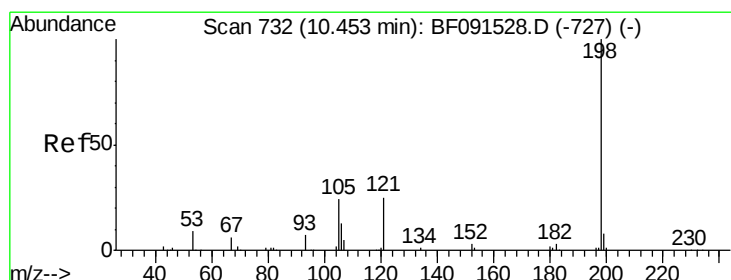
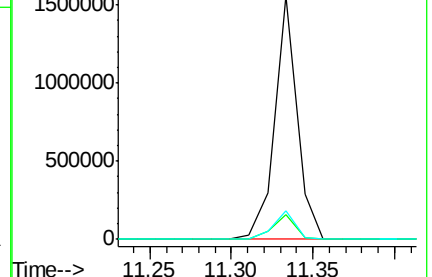
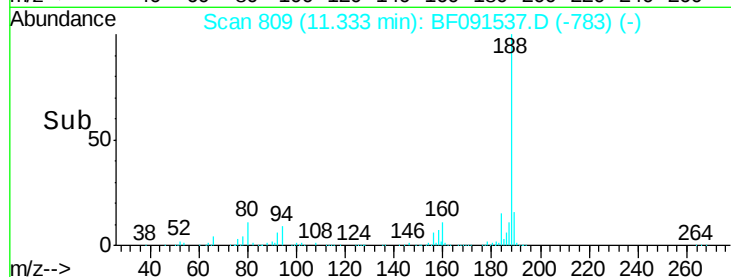
80 11.6 10.5 15.7



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: 30.55 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

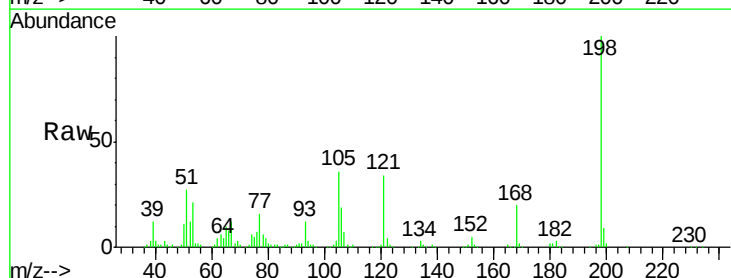
Tgt Ion:198 Resp: 266582

Ion Ratio Lower Upper

198 100

51 27.2 77.1 117.1#

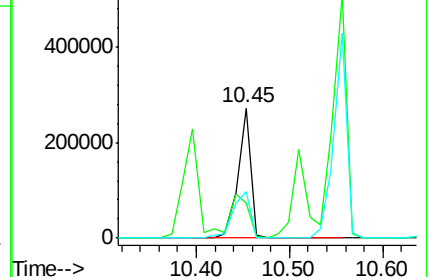
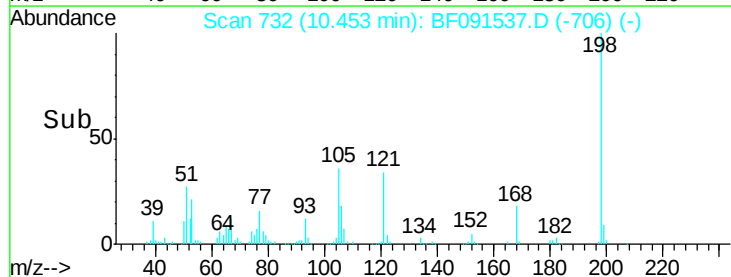
105 35.9 44.8 84.8#

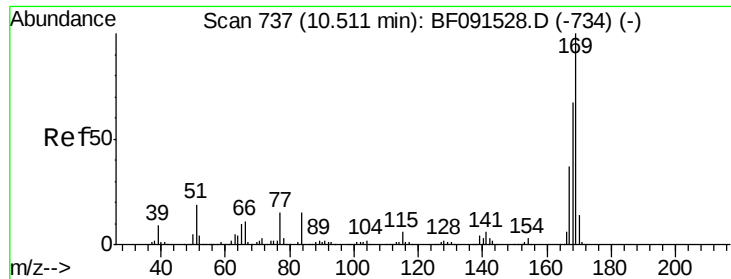


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

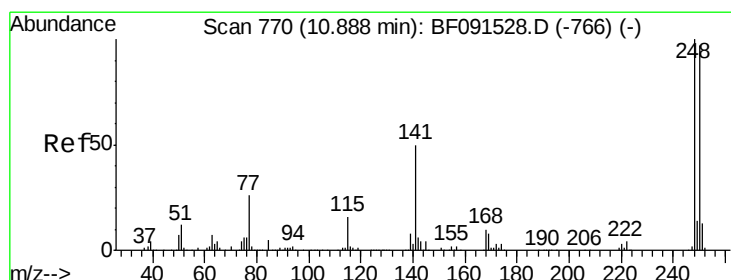
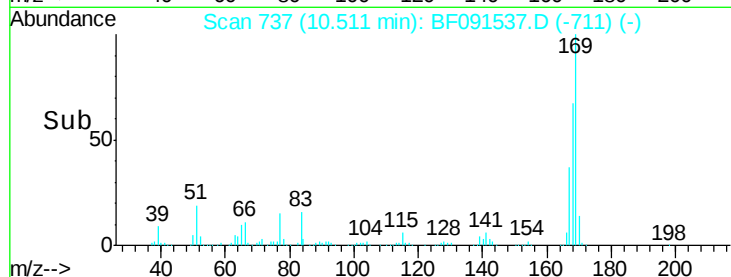
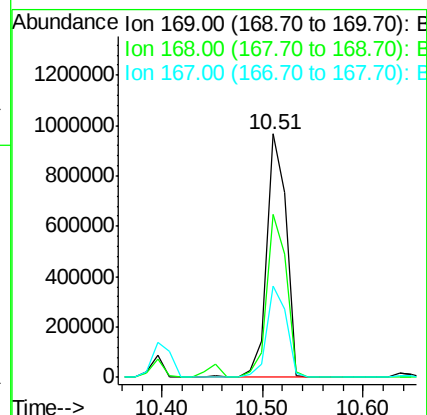
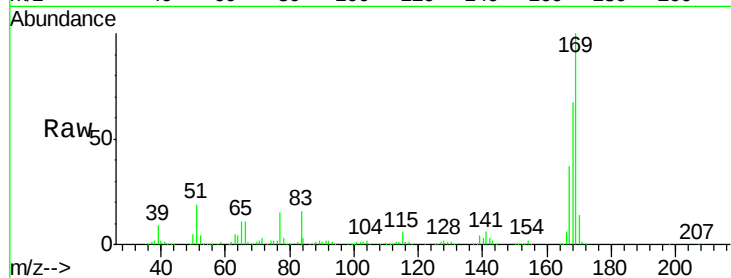




#65
n-Nitrosodiphenylamine
Concen: 29.09 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

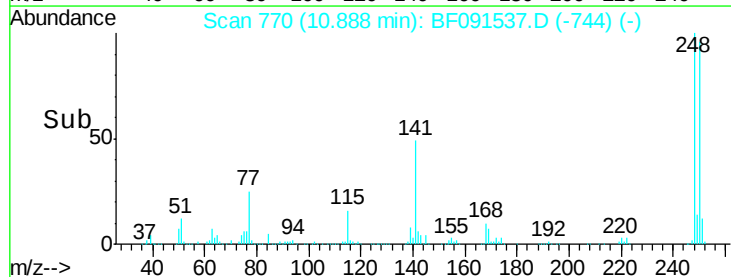
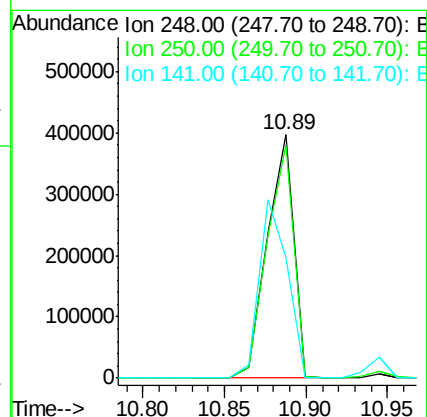
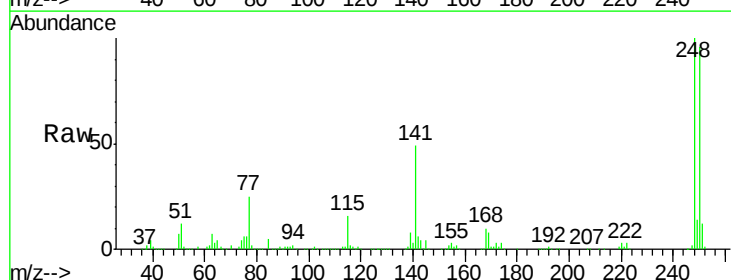
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

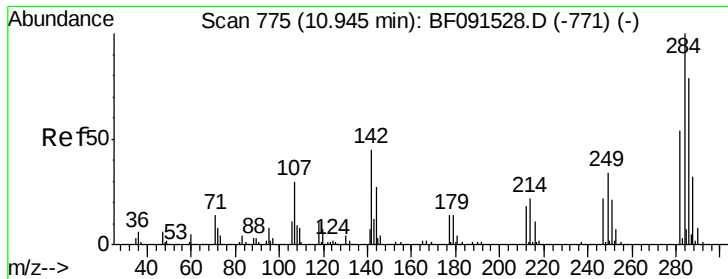
Tgt Ion:169 Resp: 1294315
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 37.4 29.8 44.8



#66
4-Bromophenyl-phenylether
Concen: 29.42 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:248 Resp: 450169
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.4
141 49.5 71.9 107.9#





#67

Hexachlorobenzene

Concen: 26.12 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

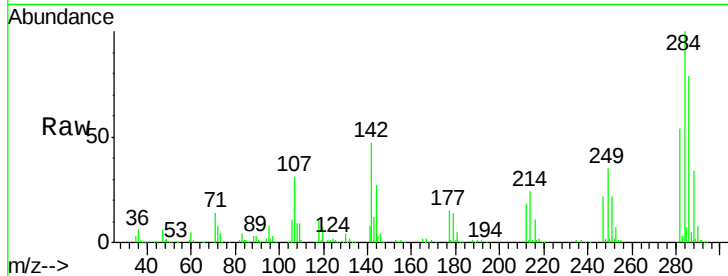
Tgt Ion:284 Resp: 415639

Ion Ratio Lower Upper

284 100

142 47.0 17.9 26.9#

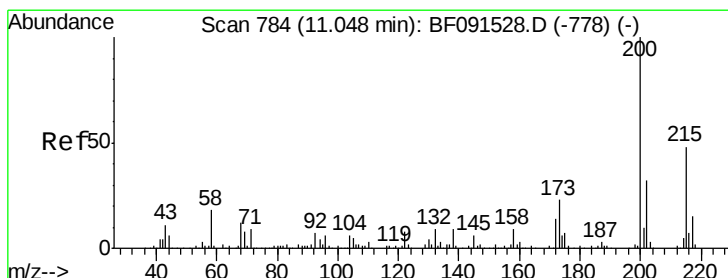
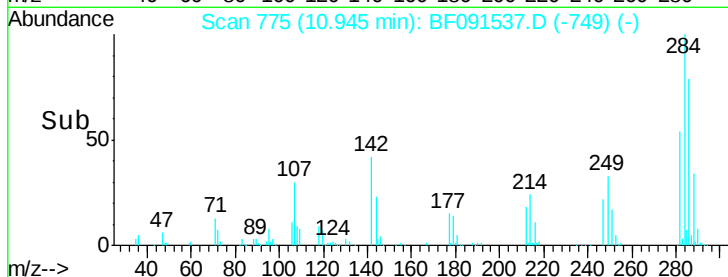
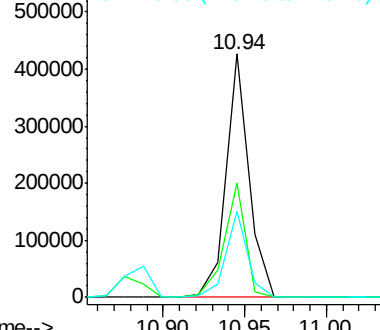
249 35.3 23.6 35.4



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: 33.48 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

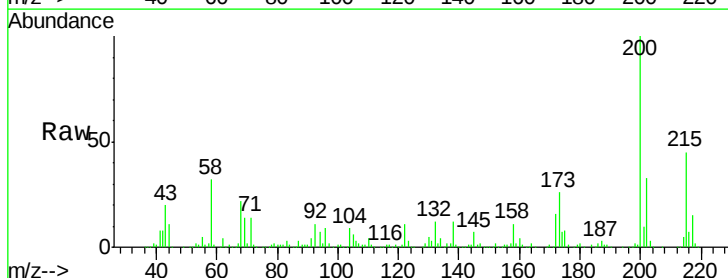
Tgt Ion:200 Resp: 479025

Ion Ratio Lower Upper

200 100

173 25.9 7.8 47.8

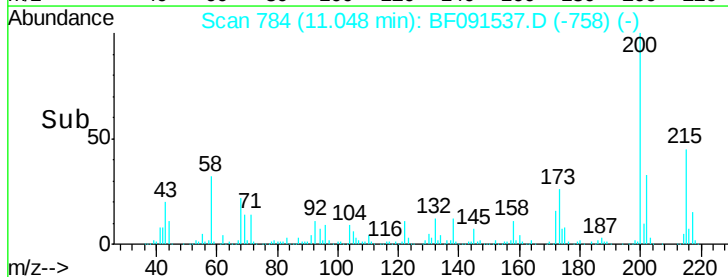
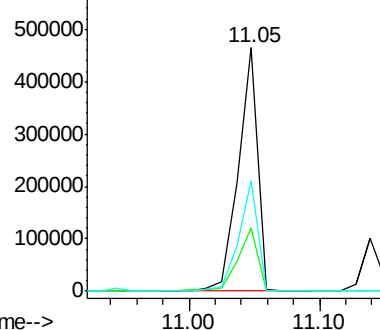
215 45.4 24.3 64.3

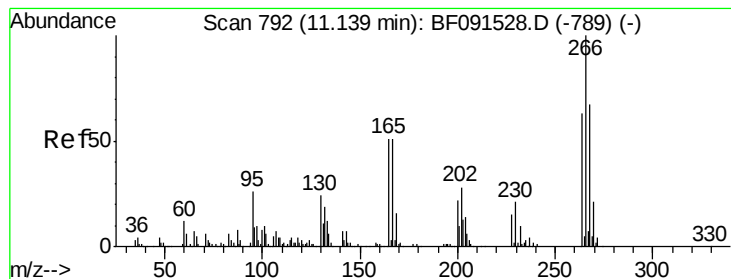


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 52.95 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

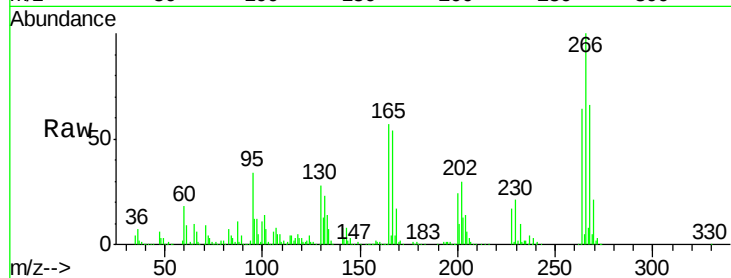
Tgt Ion:266 Resp: 474136

Ion Ratio Lower Upper

266 100

268 66.4 50.3 75.5

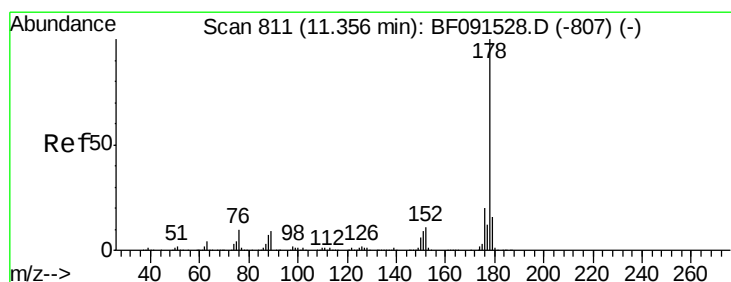
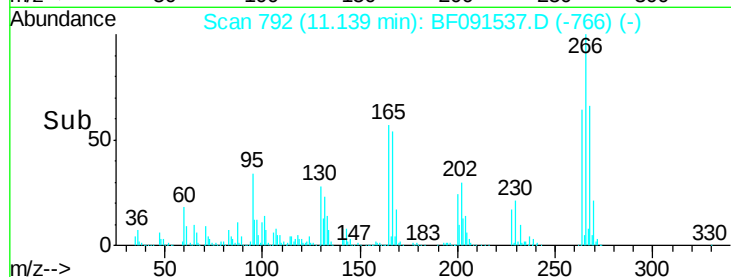
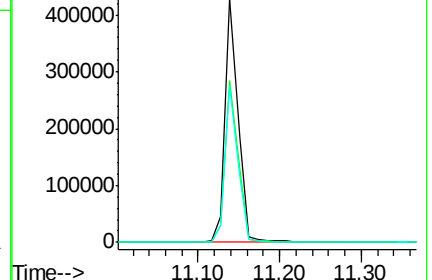
264 64.1 48.2 72.2



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: 27.18 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

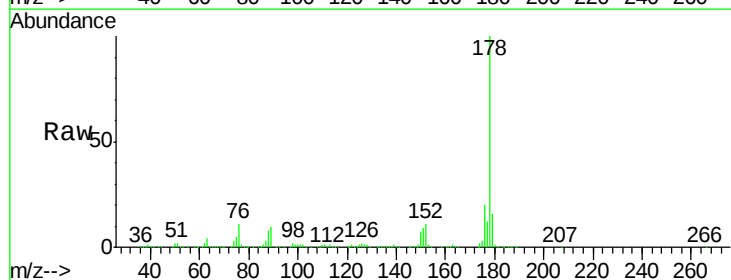
Tgt Ion:178 Resp: 2009066

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

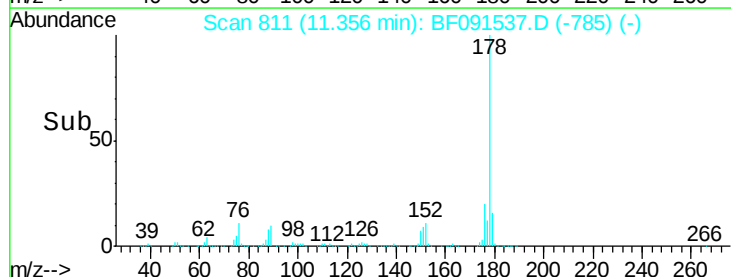
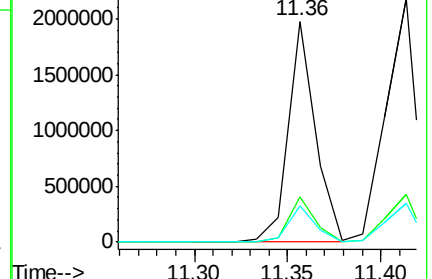
179 16.4 12.6 18.8

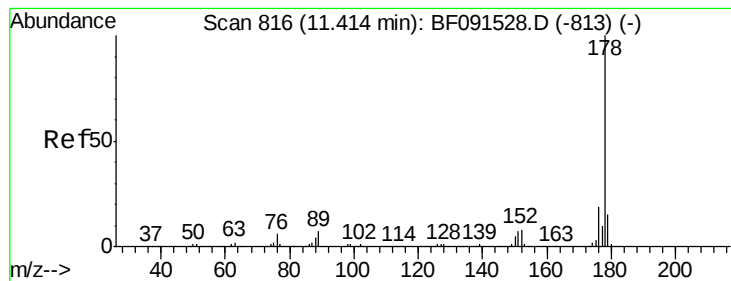


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.30 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

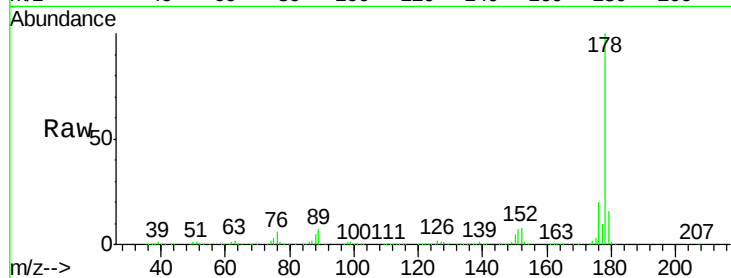
Tgt Ion:178 Resp: 2335708

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

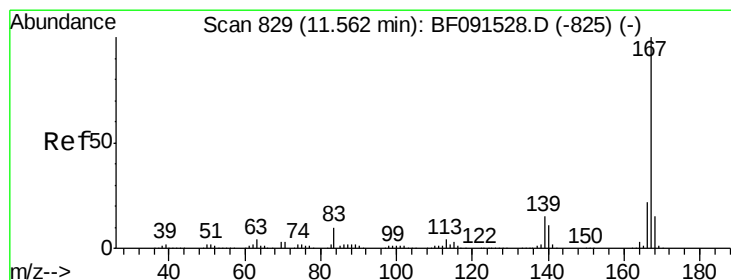
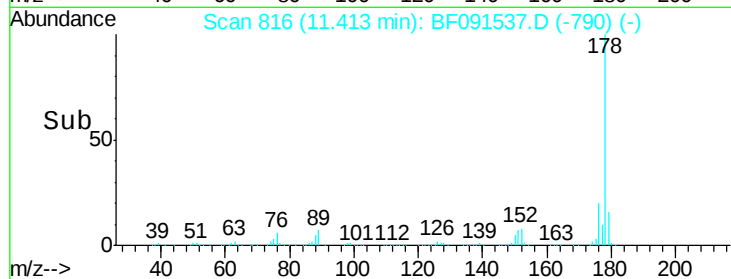
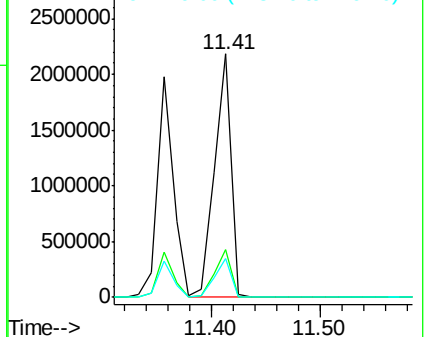
179 16.0 12.7 19.1



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: 25.58 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

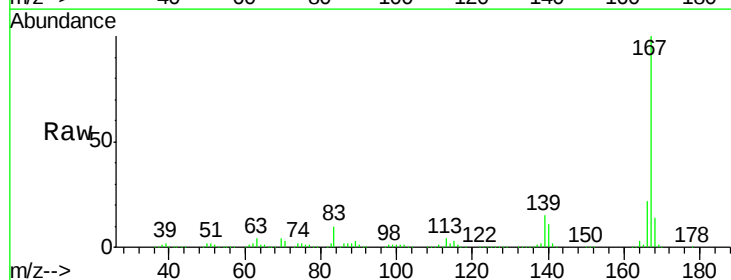
Tgt Ion:167 Resp: 1787543

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

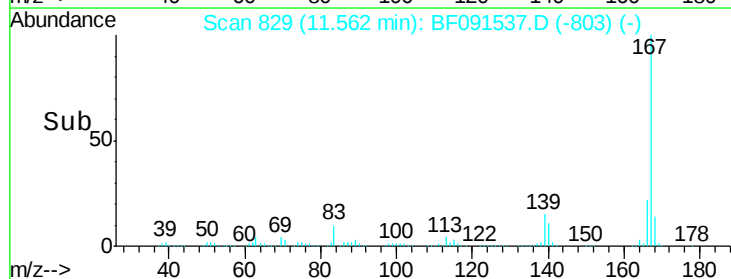
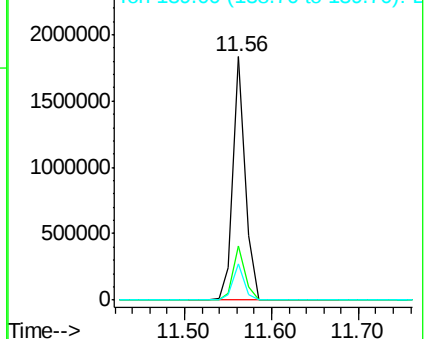
139 14.9 11.5 17.3

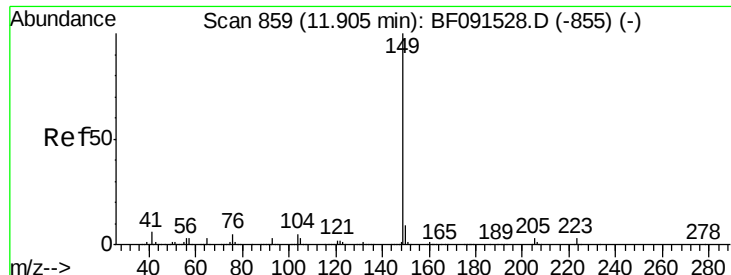


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.38 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

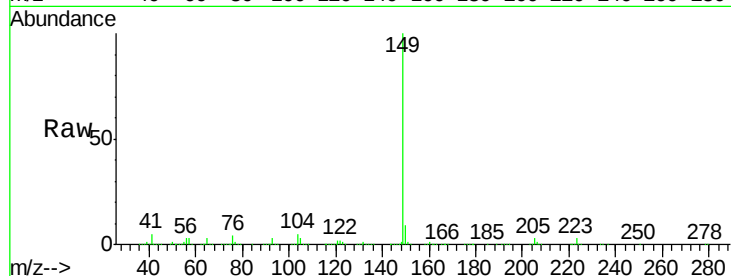
Tgt Ion:149 Resp: 2554365

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

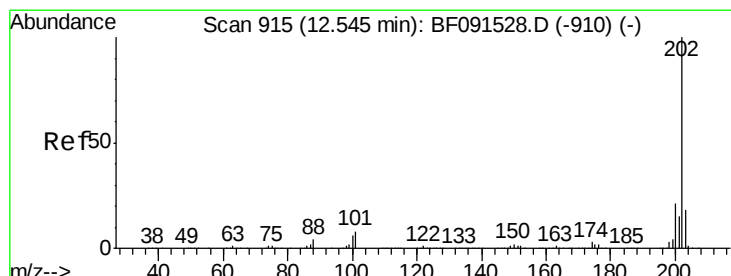
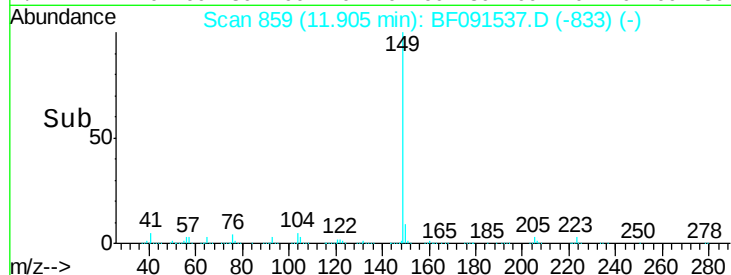
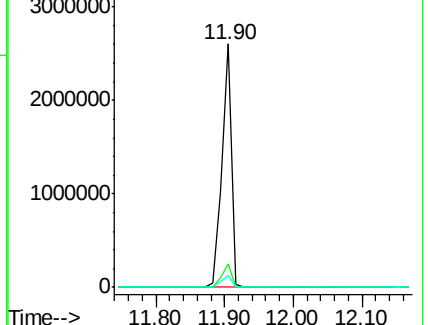
104 4.7 4.0 6.0



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: 30.04 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

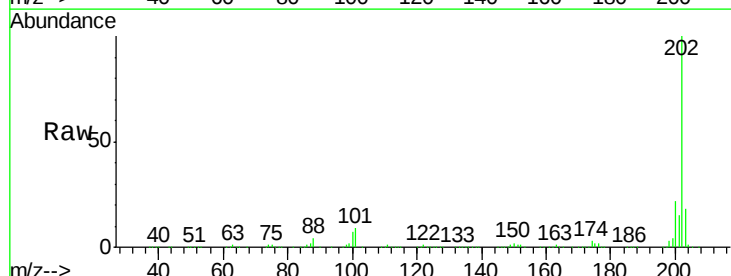
Tgt Ion:202 Resp: 2324540

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.5

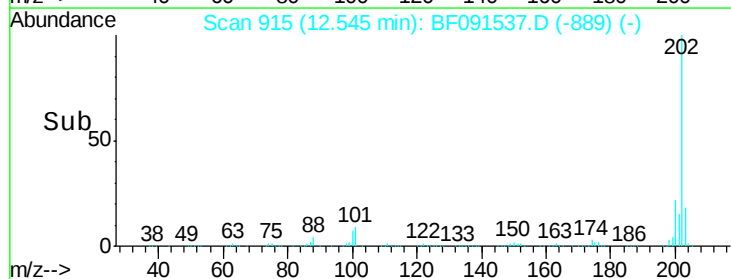
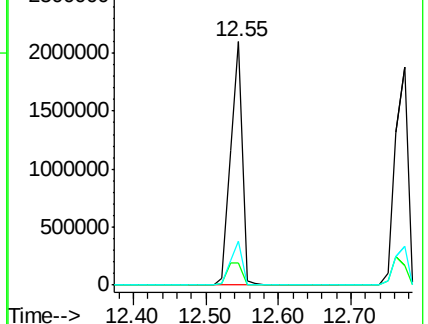
203 18.0 0.0 37.8

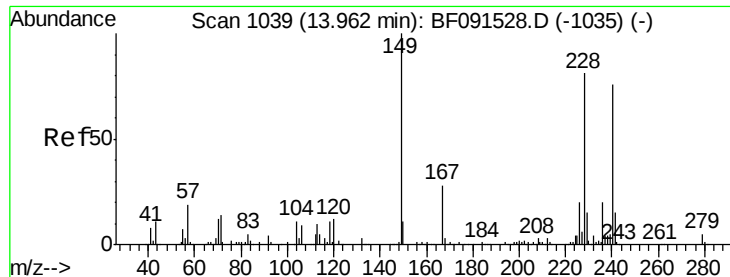


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

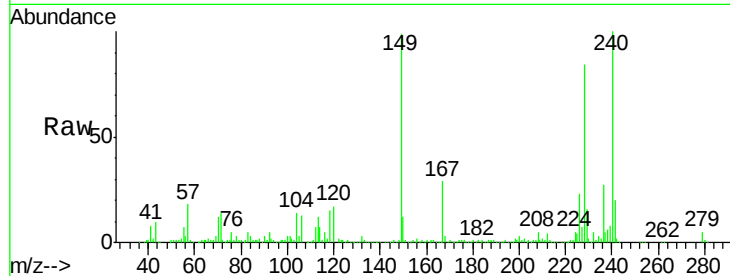
Tgt Ion:240 Resp: 1011291

Ion Ratio Lower Upper

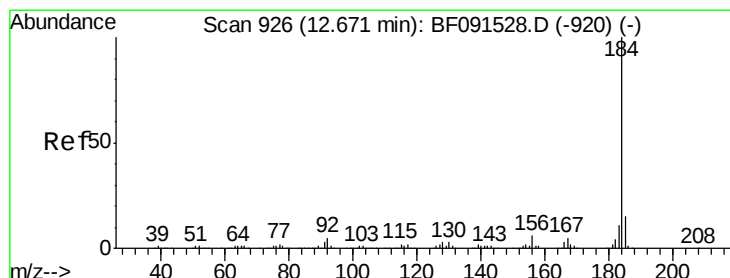
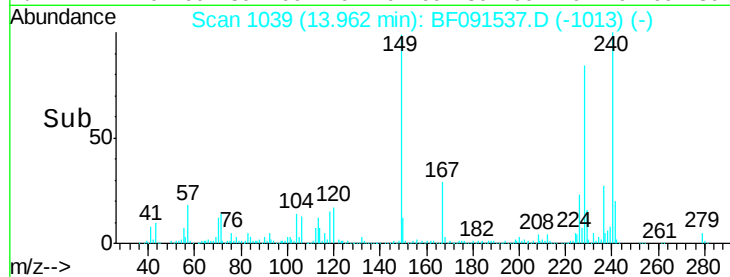
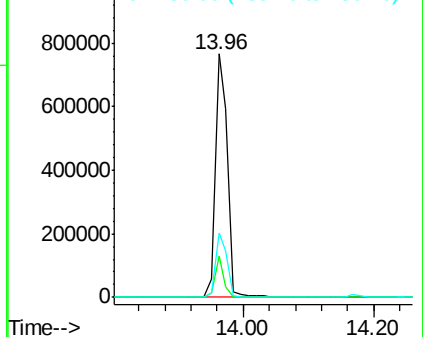
240 100

120 17.3 12.1 18.1

236 26.6 21.0 31.6



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: 19.84 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

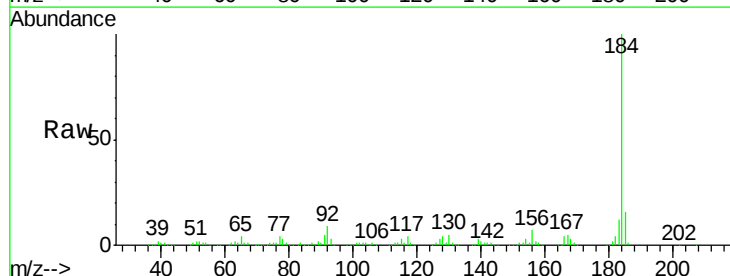
Tgt Ion:184 Resp: 620537

Ion Ratio Lower Upper

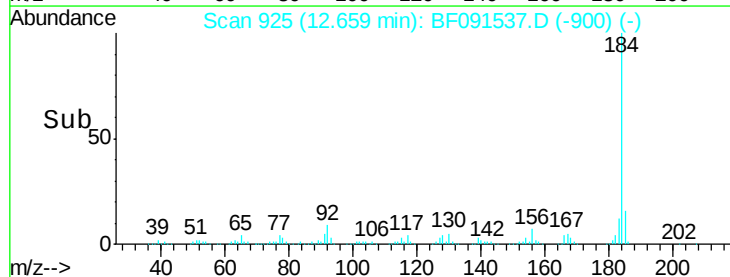
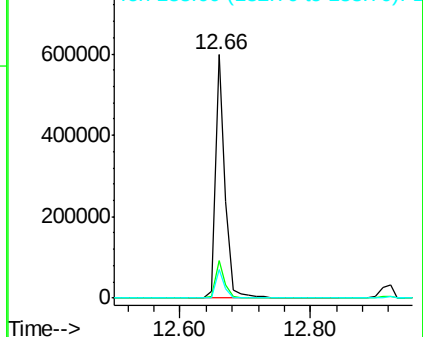
184 100

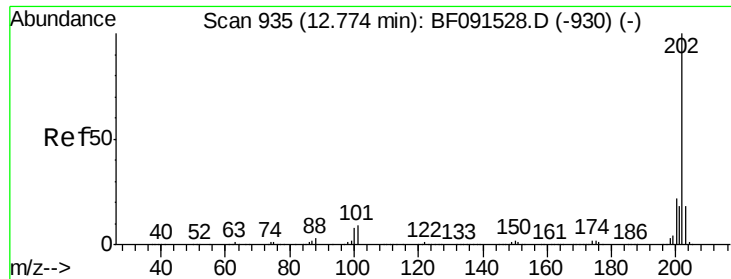
185 15.6 13.1 19.7

183 11.7 8.9 13.3



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

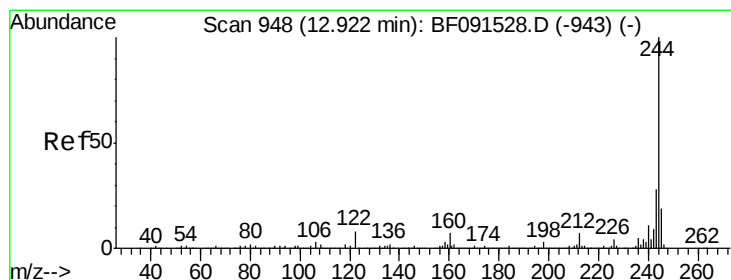
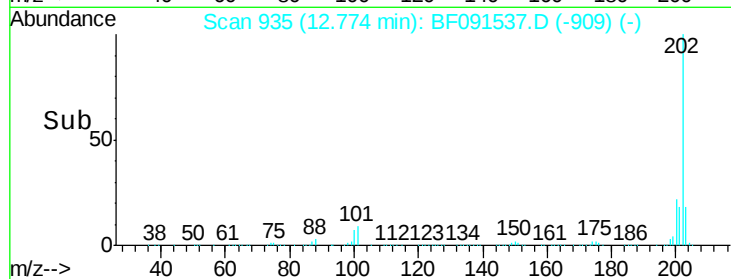
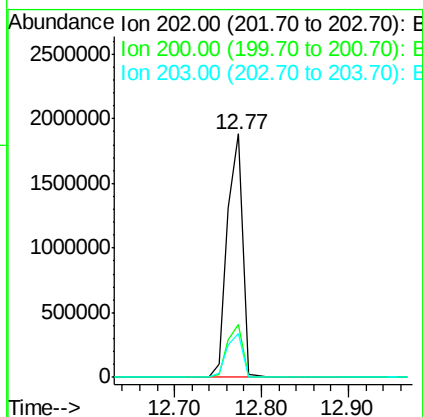
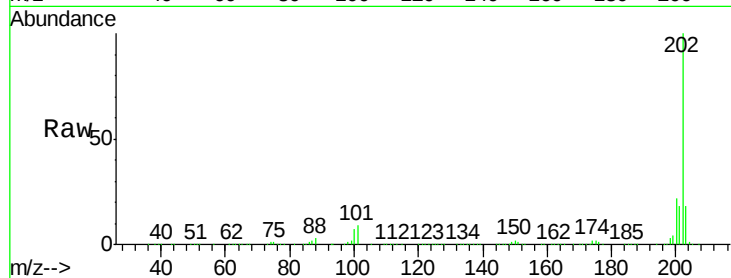




#77
 Pyrene
 Concen: 28.70 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

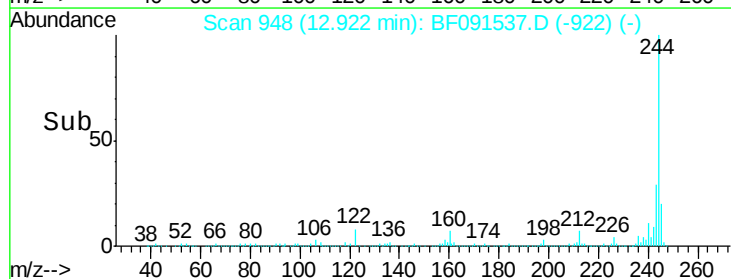
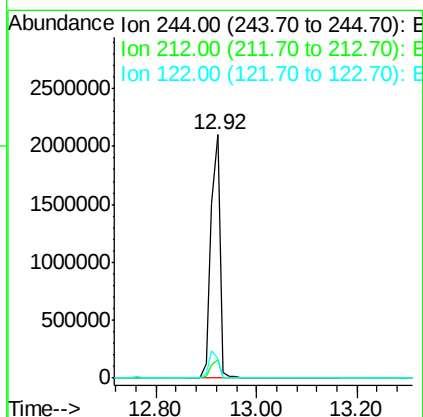
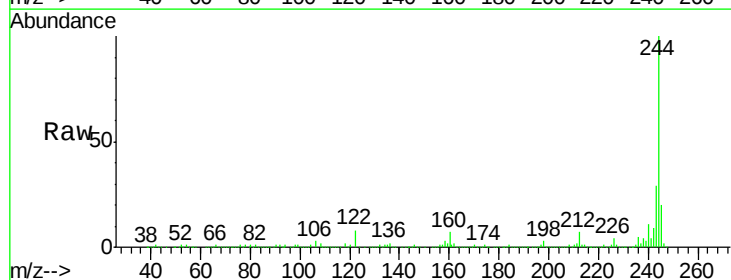
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

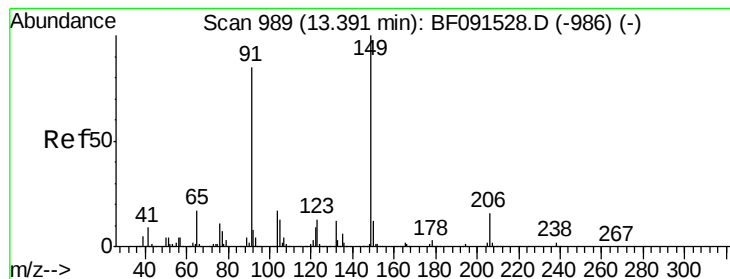
Tgt Ion:202 Resp: 2302305
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.6 26.4
 203 17.9 14.0 21.0



#78
 Terphenyl-d14
 Concen: 59.34 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:244 Resp: 2644589
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.2 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 29.15 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

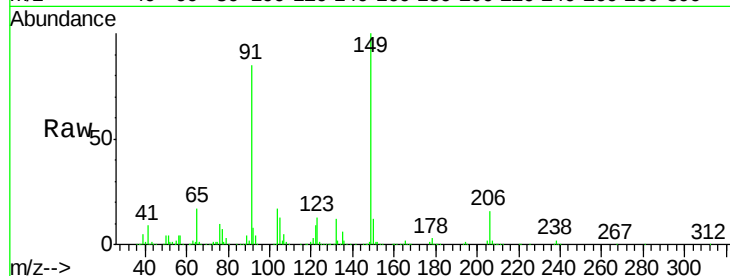
Tgt Ion:149 Resp: 911808

Ion Ratio Lower Upper

149 100

91 84.5 57.4 86.2

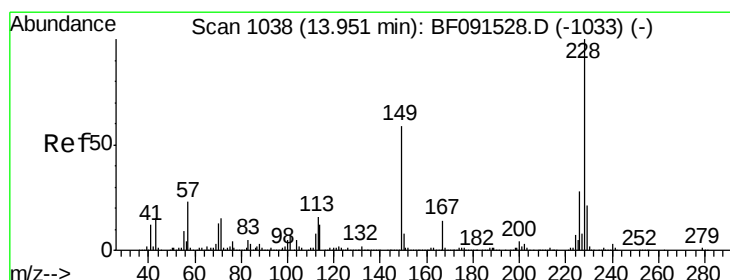
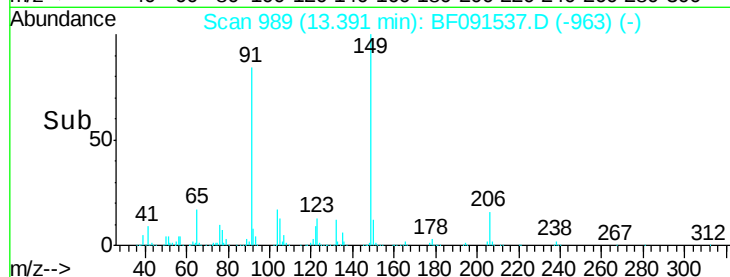
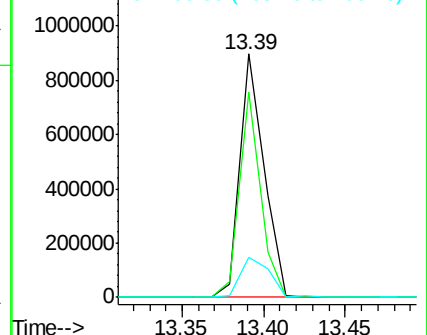
206 16.5 15.4 23.2



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: 27.26 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

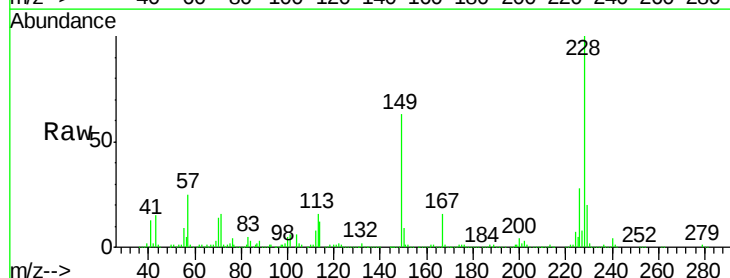
Tgt Ion:228 Resp: 1600860

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

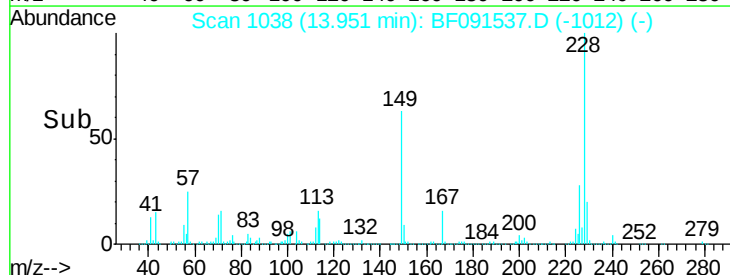
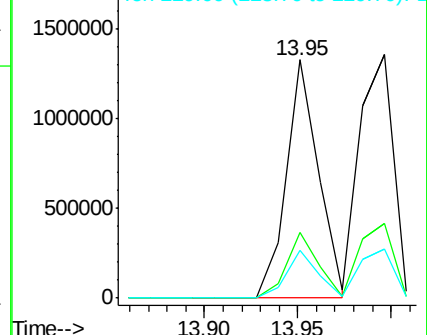
229 20.3 16.4 24.6

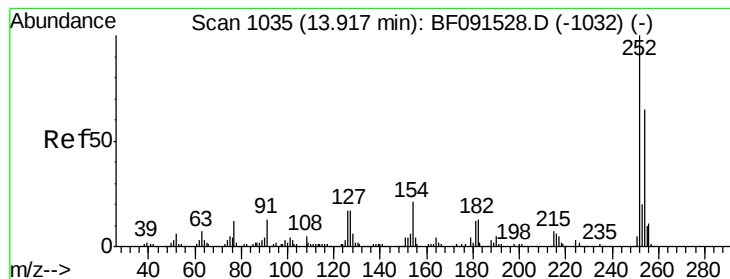


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

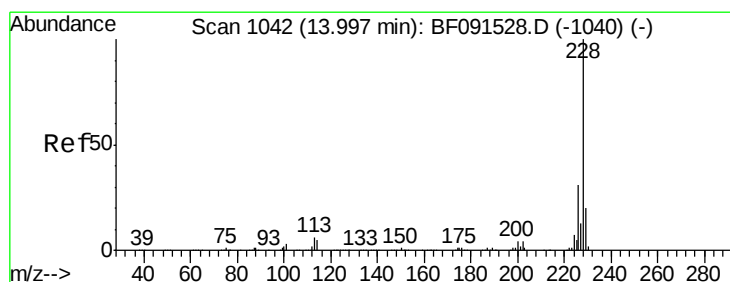
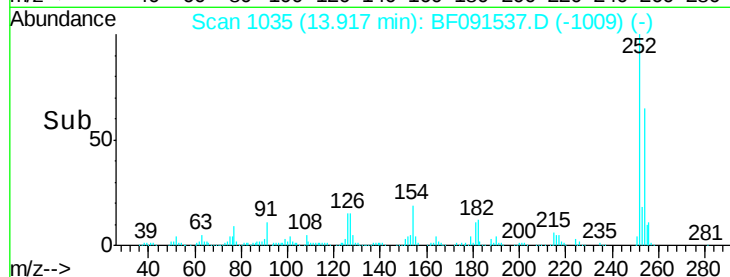
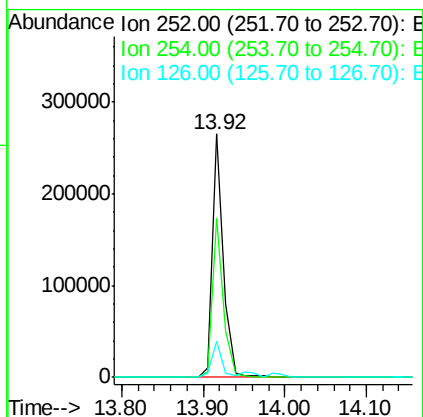
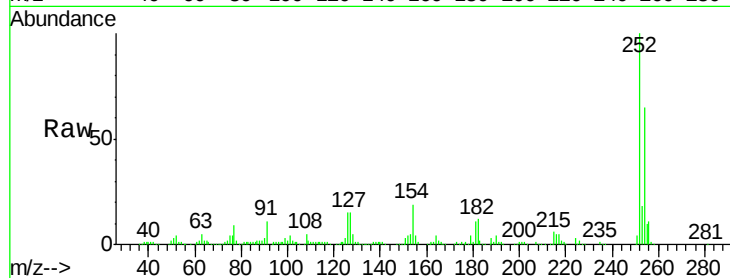




#81
 3,3'-Dichlorobenzidine
 Concen: 11.93 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

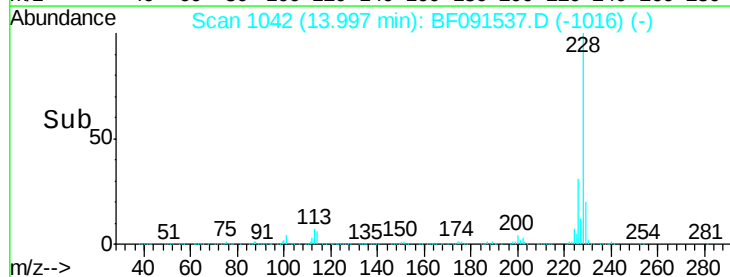
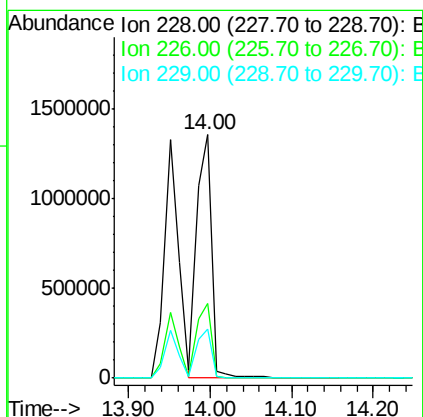
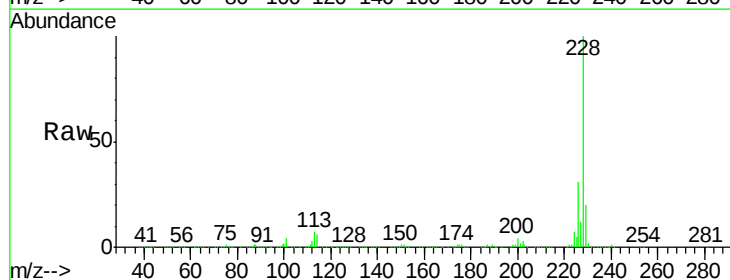
Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

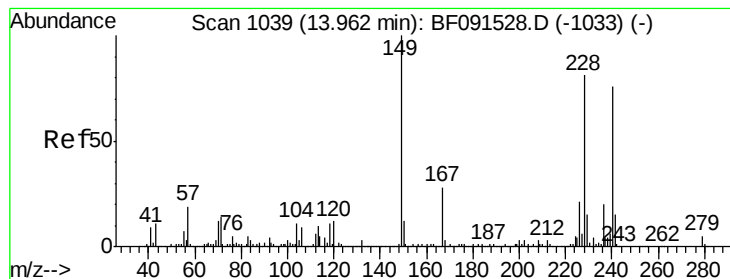
Tgt Ion:252 Resp: 251640
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.1 78.1
 126 14.8 7.5 11.3#



#82
 Chrysene
 Concen: 28.20 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:228 Resp: 1733063
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 19.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.21 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

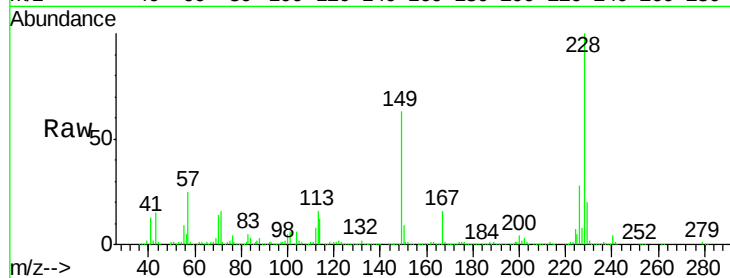
Tgt Ion:149 Resp: 1131931

Ion Ratio Lower Upper

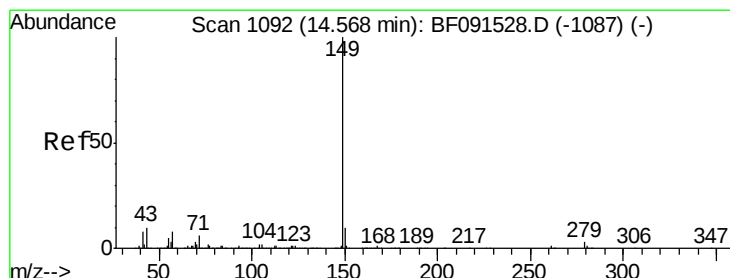
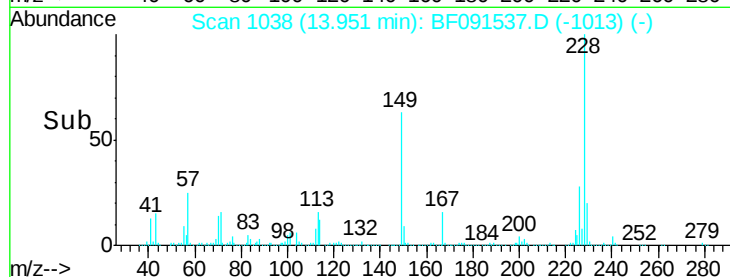
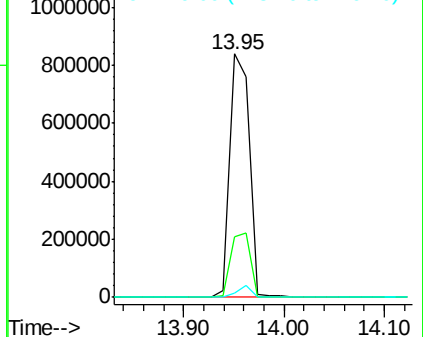
149 100

167 24.8 19.6 29.4

279 2.0 1.9 2.9



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: 32.02 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

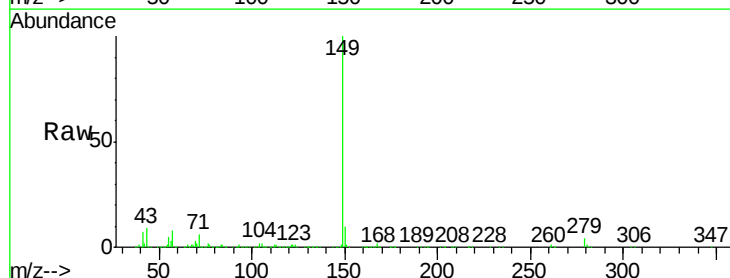
Tgt Ion:149 Resp: 2180634

Ion Ratio Lower Upper

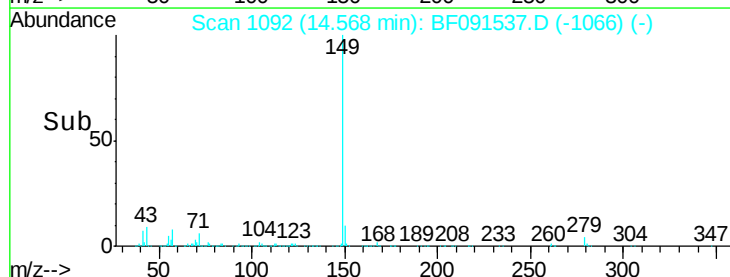
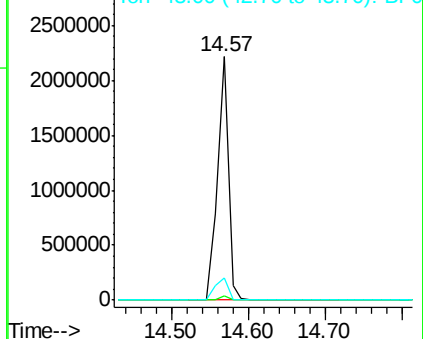
149 100

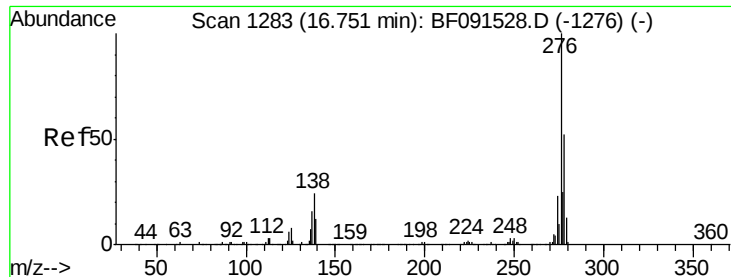
167 1.5 1.3 1.9

43 10.8 11.9 17.9#



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

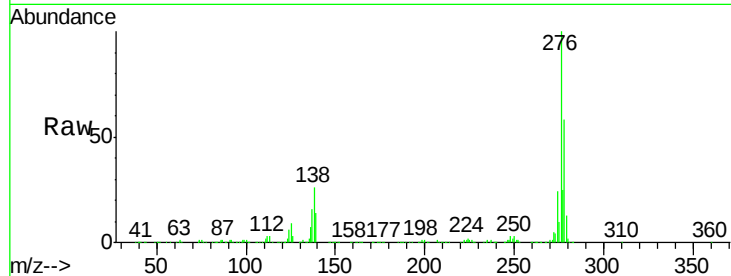




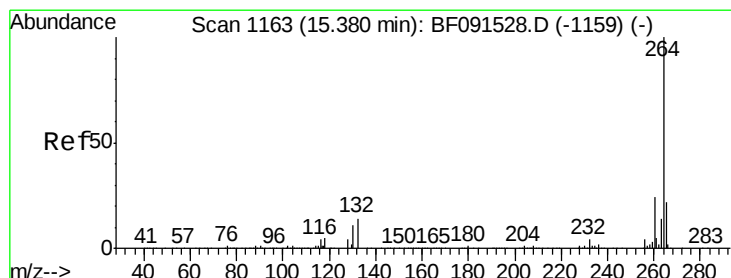
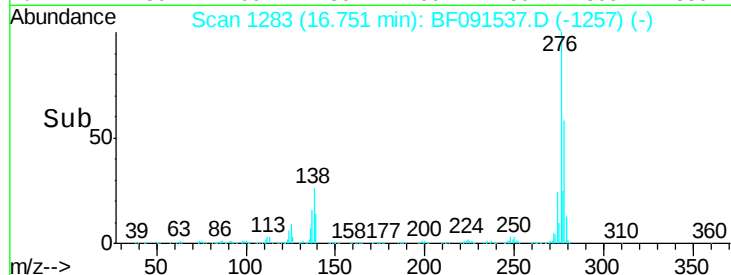
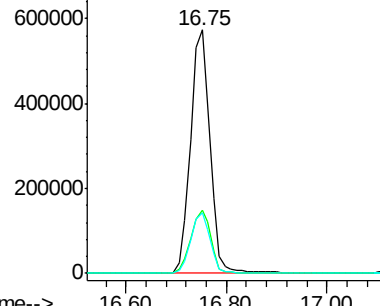
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.94 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tgt Ion:276 Resp: 1544754
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.0 31.4
 277 25.1 20.2 30.2

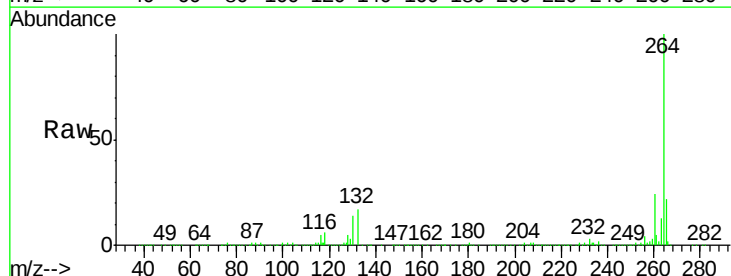


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

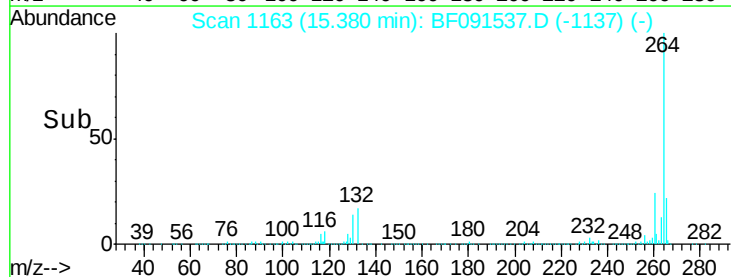
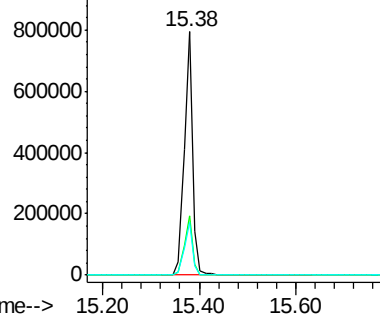


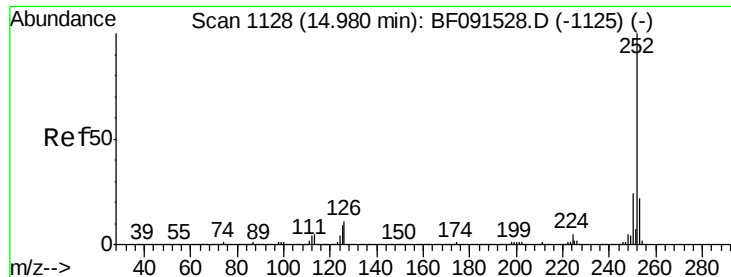
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:264 Resp: 986969
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.9 17.0 25.6



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

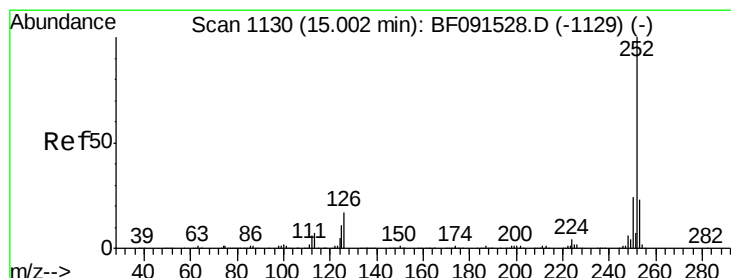
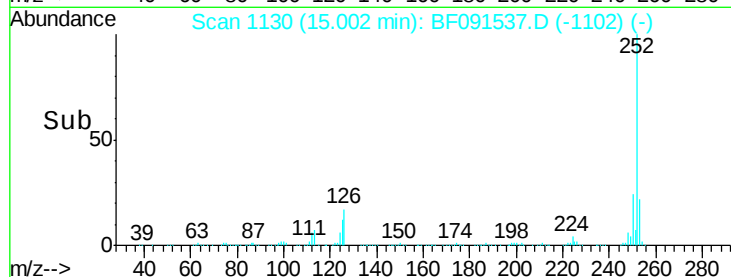
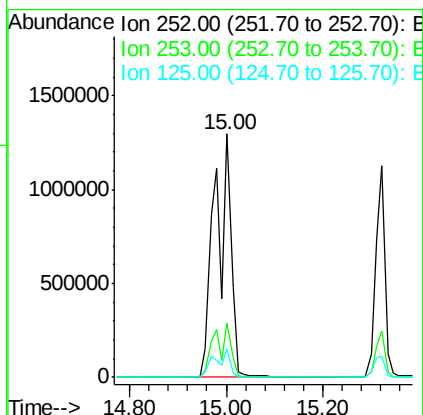
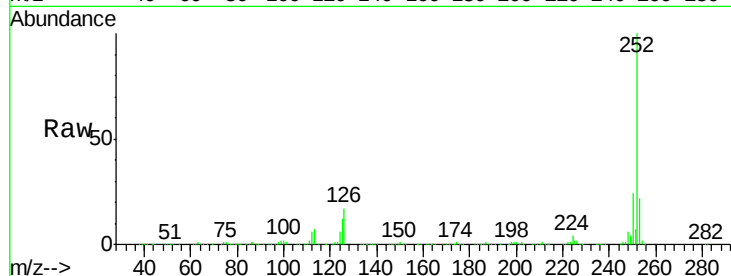




#87
Benzo(b)fluoranthene
Concen: 51.91 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

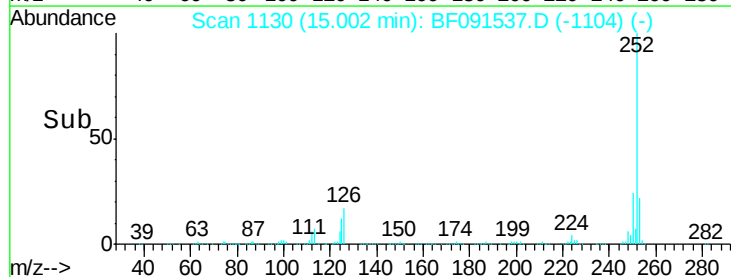
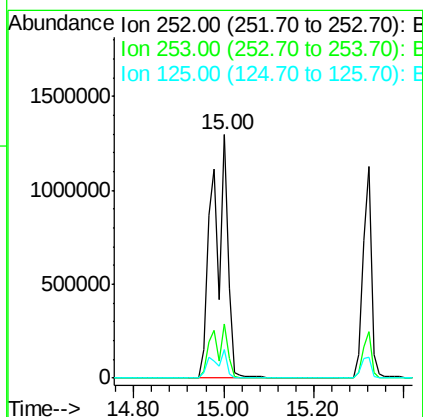
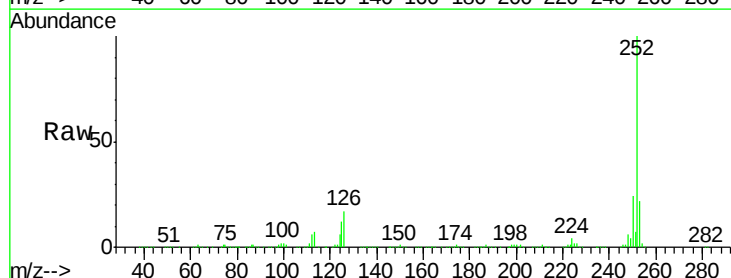
Instrument :
BNA_F
ClientSampleId :
PB95122BSD

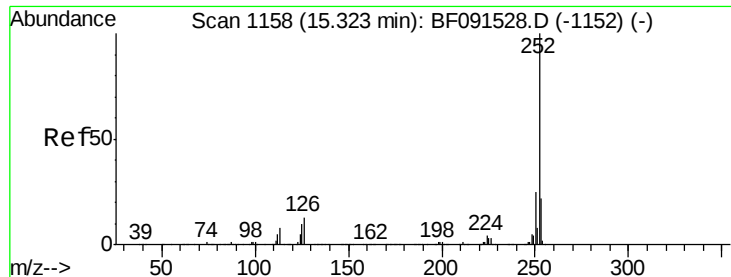
Tgt Ion:252 Resp: 3054264
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 11.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 59.08 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:252 Resp: 3056338
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.7 9.6 14.4





#89

Benzo(a)pyrene

Concen: 28.26 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

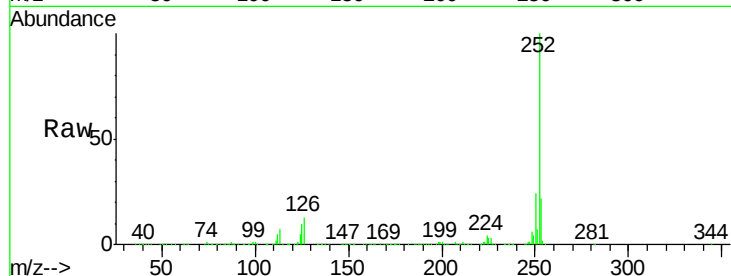
Tgt Ion:252 Resp: 1498000

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

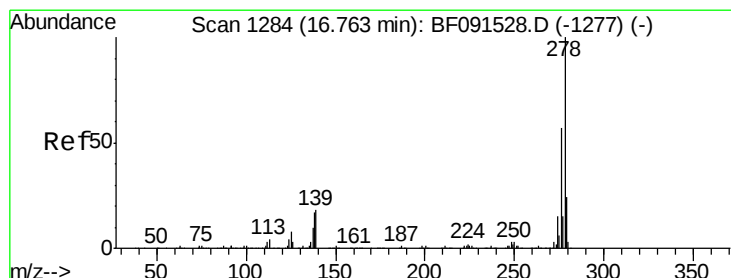
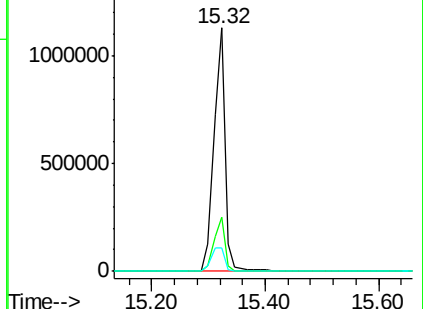
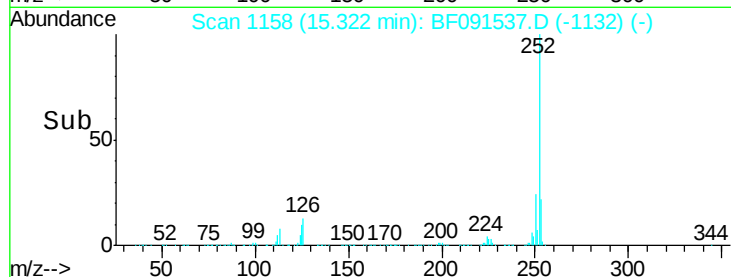
125 9.8 10.4 15.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 26.81 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

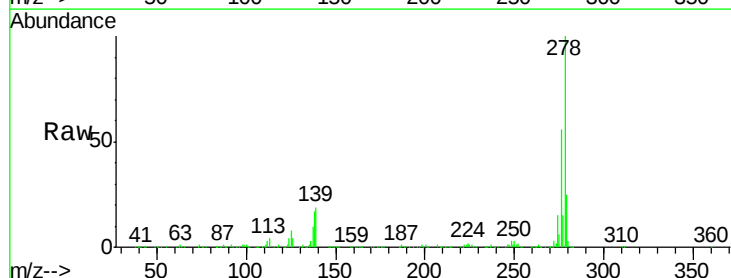
Tgt Ion:278 Resp: 1272870

Ion Ratio Lower Upper

278 100

139 18.8 15.1 22.7

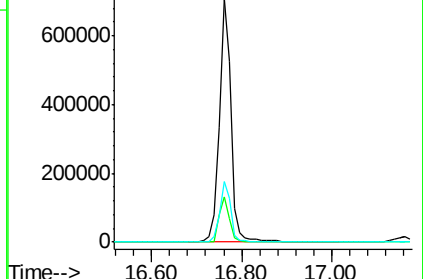
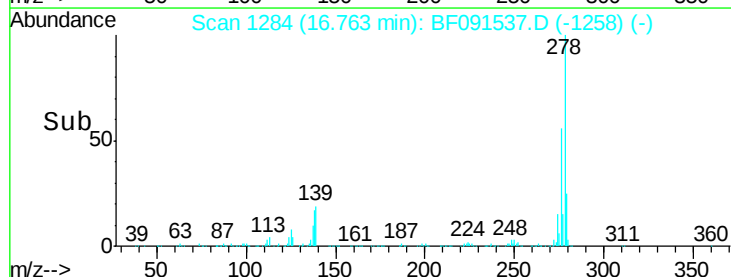
279 24.8 19.0 28.6

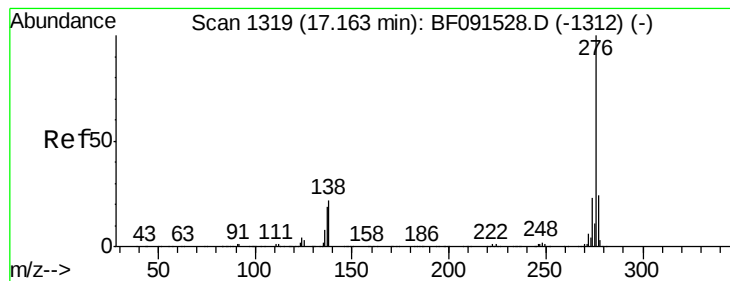


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.14 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

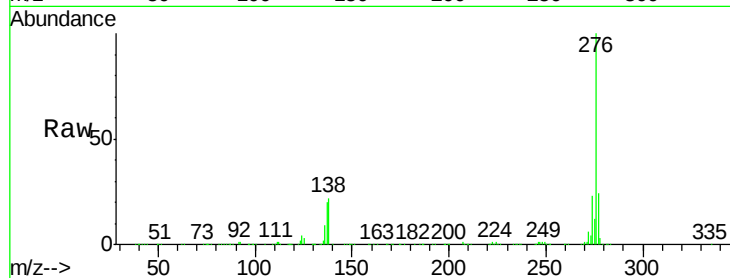
Tgt Ion:276 Resp: 1311696

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.2 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

