

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091899.D
 Acq On : 22 Dec 2016 21:16
 Operator : UM/SJ
 Sample : PB95563BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Quant Time: Dec 23 00:43:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	206921	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	868186	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	417671	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	612931	20.00	ng	0.01
75) Chrysene-d12	13.91	240	415526	20.00	ng	0.00
86) Perylene-d12	15.30	264	408723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1679010	135.49	ng	0.07
7) Phenol-d6	6.45	99	2028681	134.08	ng	0.05
23) Nitrobenzene-d5	7.32	82	1262183	80.84	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	396396	114.68	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2152894	109.30	ng	0.00
78) Terphenyl-d14	12.85	244	1750952	102.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	208516	34.18	ng	96
3) Pyridine	3.06	79	637722	29.95	ng	97
4) n-Nitrosodimethylamine	3.02	42	305591	38.05	ng	90
6) Aniline	6.42	93	362122	18.43	ng	# 45
8) 2-Chlorophenol	6.56	128	553740	39.28	ng	92
9) Benzaldehyde	6.29	77	85218	7.49	ng	92
10) Phenol	6.46	94	641789	37.22	ng	86
11) bis(2-Chloroethyl)ether	6.50	93	626746	45.69	ng	98
12) 1,3-Dichlorobenzene	6.69	146	632880	42.06	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	654068	42.70	ng	96
14) 1,2-Dichlorobenzene	6.92	146	534813	40.24	ng	96
15) Benzyl Alcohol	6.92	79	521093	44.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	847249	41.47	ng	96
17) 2-Methylphenol	7.06	107	497386	43.87	ng	99
18) Hexachloroethane	7.26	117	232956	41.02	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	451714	44.88	ng	98
20) 3+4-Methylphenols	7.22	107	689234	50.97	ng	# 73
22) Acetophenone	7.17	105	931881	43.52	ng	# 89
24) Nitrobenzene	7.34	77	694785	41.78	ng	94
25) Isophorone	7.58	82	1160271	40.28	ng	96
26) 2-Nitrophenol	7.65	139	250835	30.59	ng	93
27) 2,4-Dimethylphenol	7.72	122	522837	38.44	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	788377	45.13	ng	99
29) 2,4-Dichlorophenol	7.93	162	495685	43.04	ng	94
30) 1,2,4-Trichlorobenzene	7.98	180	539506	42.75	ng	95
31) Naphthalene	8.06	128	1762873	44.37	ng	99
32) Benzoic acid	7.86	122	185085	18.35	ng	97
33) 4-Chloroaniline	8.12	127	221310	12.35	ng	99
34) Hexachlorobutadiene	8.18	225	297881	44.71	ng	99
35) Caprolactam	8.50	113	148215	39.16	ng	# 68
36) 4-Chloro-3-methylphenol	8.64	107	519383	39.19	ng	99
37) 2-Methylnaphthalene	8.75	142	1080978	44.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	511392	48.46	ng	99
40) Hexachlorocyclopentadiene	8.90	237	242942	53.10	ng	98

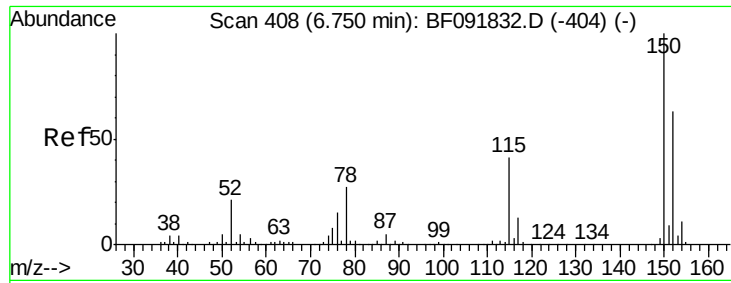
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091899.D
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 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	286046	38.76	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	275217	36.24	ng #	88
45) 1,1'-Biphenyl	9.22	154	1433171	50.11	ng	99
46) 2-Chloronaphthalene	9.24	162	1038487	45.85	ng	96
47) 2-Nitroaniline	9.34	65	318331	39.48	ng	94
48) Acenaphthylene	9.65	152	1503355	43.16	ng	99
49) Dimethylphthalate	9.53	163	1304542	48.83	ng	99
50) 2,6-Dinitrotoluene	9.58	165	224984	38.48	ng #	67
51) Acenaphthene	9.82	154	954646	40.43	ng	99
52) 3-Nitroaniline	9.77	138	241717	33.41	ng #	72
53) 2,4-Dinitrophenol	9.87	184	21946	6.75	ng #	82
54) Dibenzofuran	10.00	168	1332459	41.78	ng	98
55) 4-Nitrophenol	10.00	139	778998	158.56	ng #	7
56) 2,4-Dinitrotoluene	9.98	165	250965	34.20	ng #	80
57) Fluorene	10.34	166	1002908	43.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211557	35.22	ng	98
59) Diethylphthalate	10.22	149	1263697	48.71	ng	95
60) 4-Chlorophenyl-phenylether	10.34	204	473534	46.61	ng #	78
61) 4-Nitroaniline	10.37	138	228484	30.47	ng	95
62) Azobenzene	10.49	77	1229898	43.06	ng	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	27054	7.30	ng #	63
65) n-Nitrosodiphenylamine	10.45	169	878592	48.31	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	293968	46.11	ng	96
67) Hexachlorobenzene	10.89	284	314849	46.20	ng	96
68) Atrazine	10.99	200	306673	52.27	ng	96
69) Pentachlorophenol	11.09	266	171298	51.23	ng	99
70) Phenanthrene	11.30	178	1468660	44.19	ng	99
71) Anthracene	11.34	178	1365011	47.05	ng	99
72) Carbazole	11.52	167	1303319	50.21	ng	99
73) Di-n-butylphthalate	11.84	149	1746147	56.49	ng	99
74) Fluoranthene	12.48	202	1397944	48.22	ng	98
76) Benzidine	12.61	184	280675	23.28	ng	95
77) Pyrene	12.71	202	1281482	42.03	ng	99
79) Butylbenzylphthalate	13.33	149	679707	49.02	ng	96
80) Benzo(a)anthracene	13.89	228	1022694	43.60	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	290630	32.68	ng	98
82) Chrysene	13.94	228	1080891	45.94	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	883819	54.12	ng	100
84) Di-n-octyl phthalate	14.51	149	1539188	50.88	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	809622	39.72	ng	98
87) Benzo(b)fluoranthene	14.95	252	2221464	87.30	ng #	95
88) Benzo(k)fluoranthene	14.95	252	2221888	102.39	ng #	96
89) Benzo(a)pyrene	15.25	252	1044459	46.24	ng #	96
90) Dibenzo(a,h)anthracene	16.66	278	679322	36.59	ng	98
91) Benzo(g,h,i)perylene	17.05	276	648301	33.58	ng	97

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

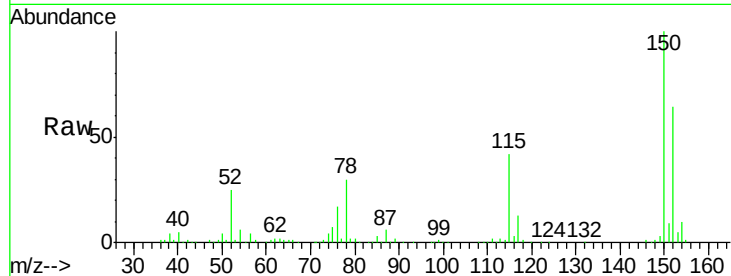


#1

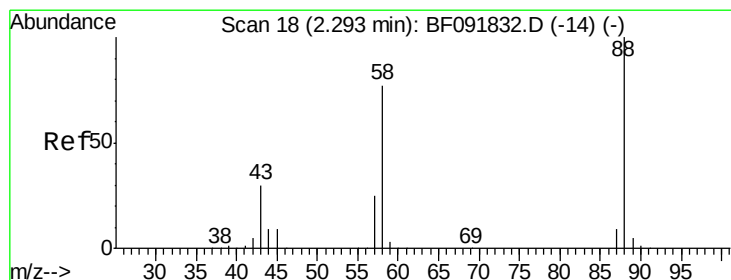
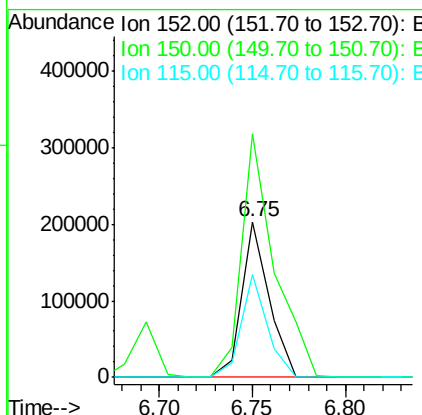
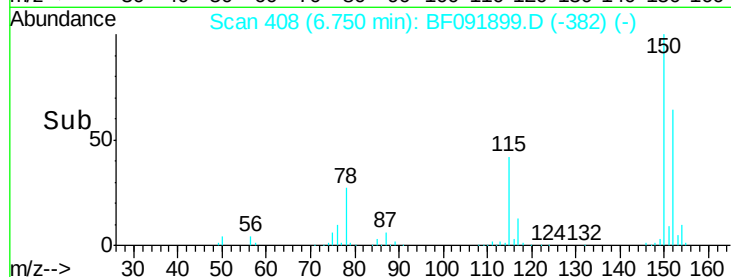
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion: 152 Resp: 206921
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 65.9 46.0 69.0



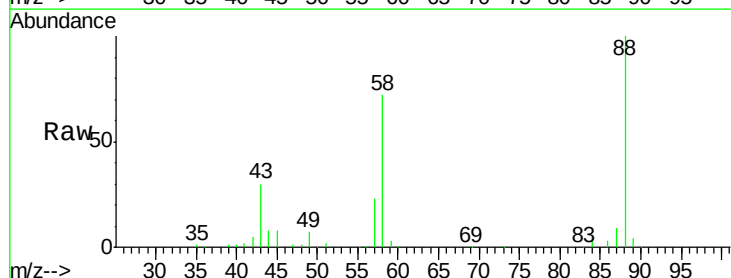
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



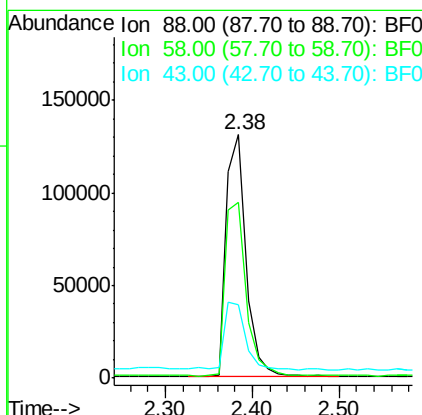
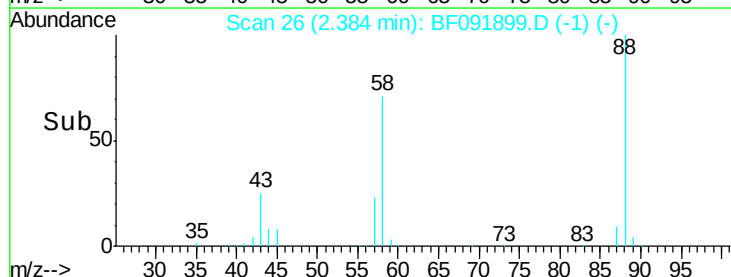
#2

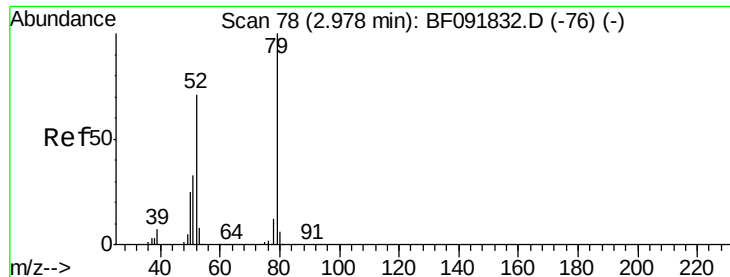
1,4-Dioxane
Concen: 34.18 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion: 88 Resp: 208516
Ion Ratio Lower Upper
88 100
58 75.6 57.8 86.8
43 29.6 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.95 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

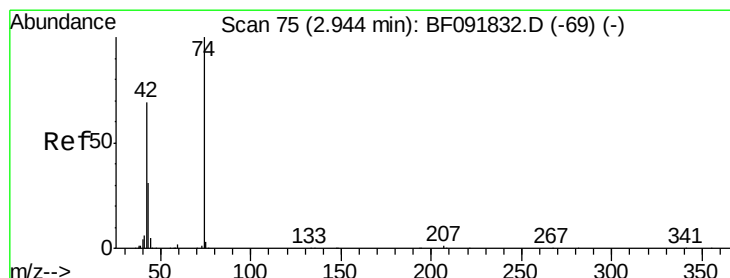
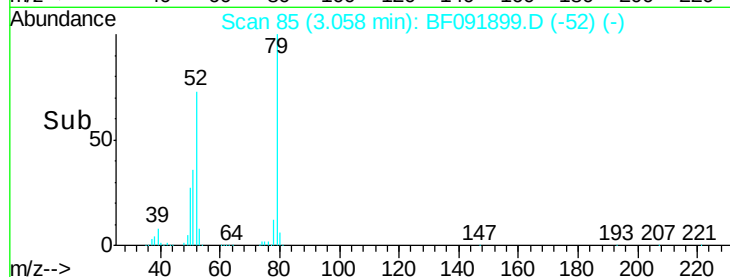
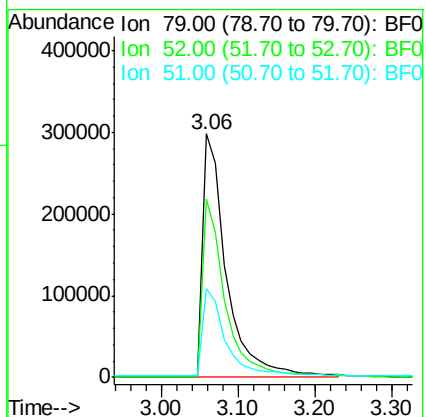
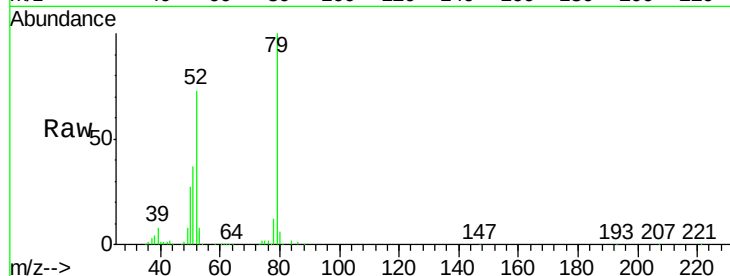
Tgt Ion: 79 Resp: 637722

Ion Ratio Lower Upper

79 100

52 73.2 57.1 85.7

51 36.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.05 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.08 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

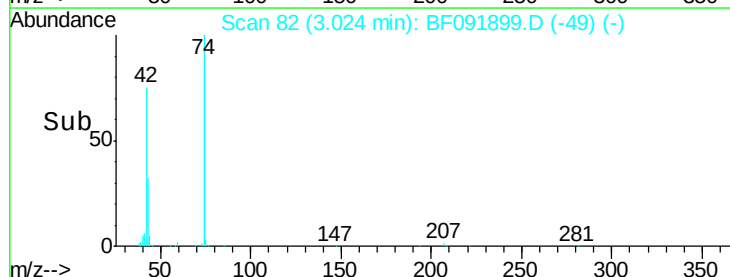
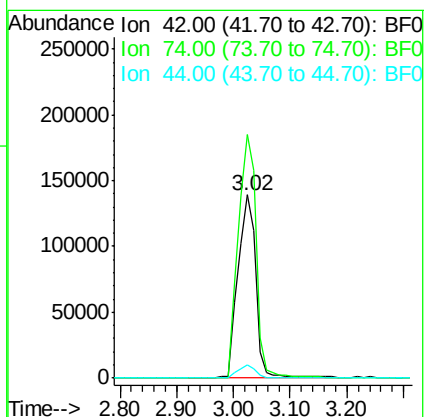
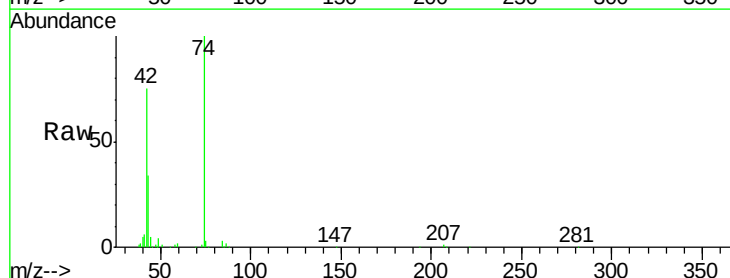
Tgt Ion: 42 Resp: 305591

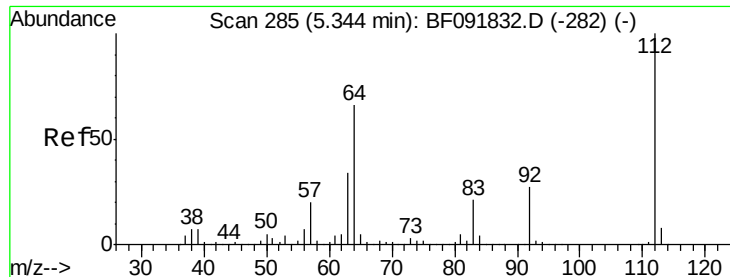
Ion Ratio Lower Upper

42 100

74 133.1 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 135.49 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.07 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

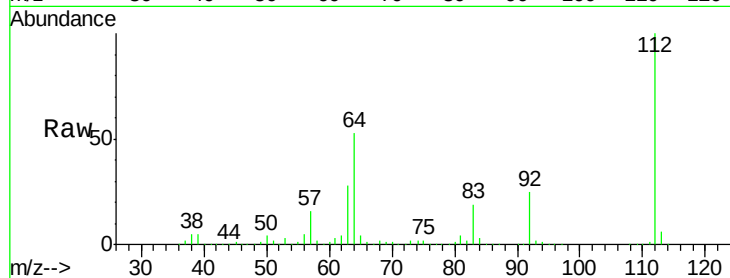
Tgt Ion: 112 Resp: 1679010

Ion Ratio Lower Upper

112 100

64 52.9 46.1 69.1

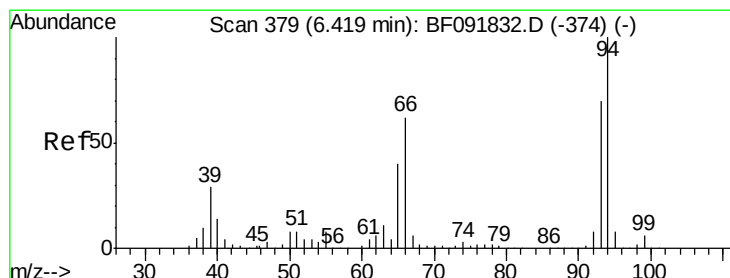
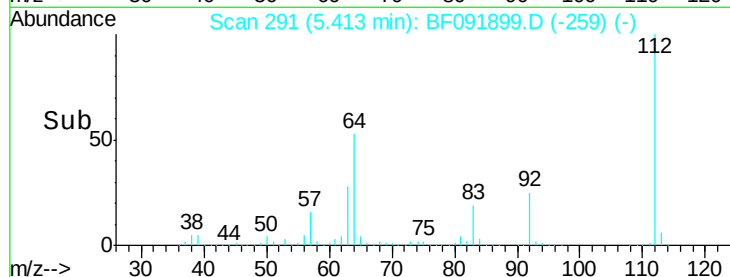
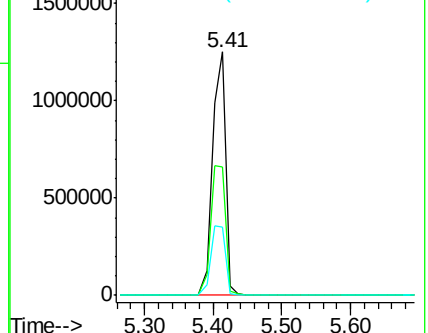
63 27.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.43 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

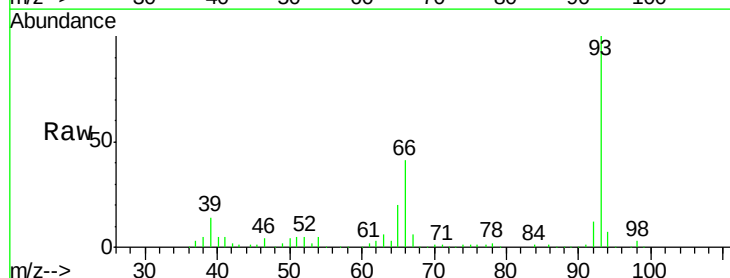
Tgt Ion: 93 Resp: 362122

Ion Ratio Lower Upper

93 100

66 40.8 76.2 114.2#

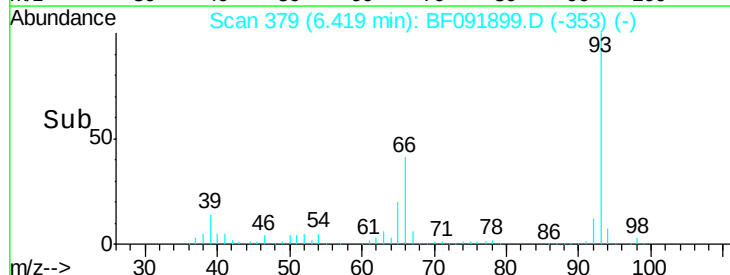
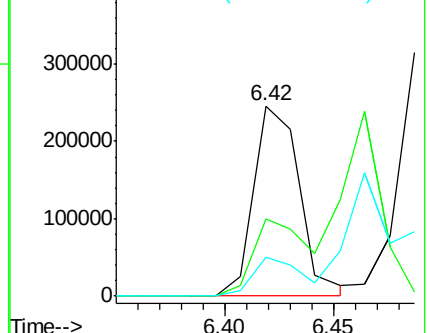
65 20.5 49.3 73.9#

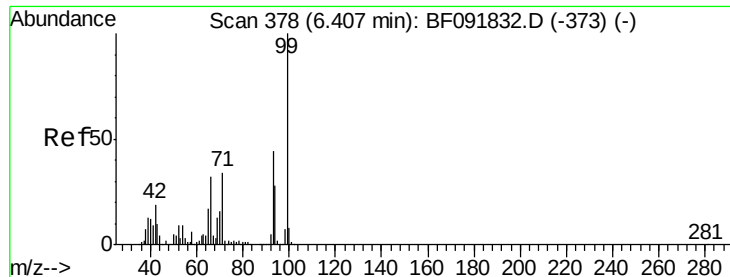


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.08 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

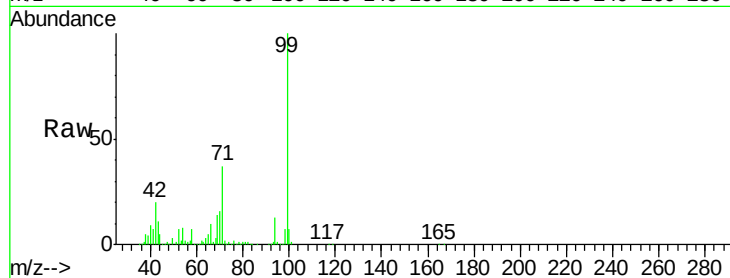
Tgt Ion: 99 Resp: 2028681

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

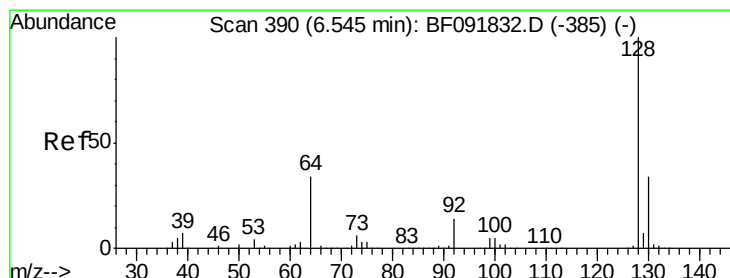
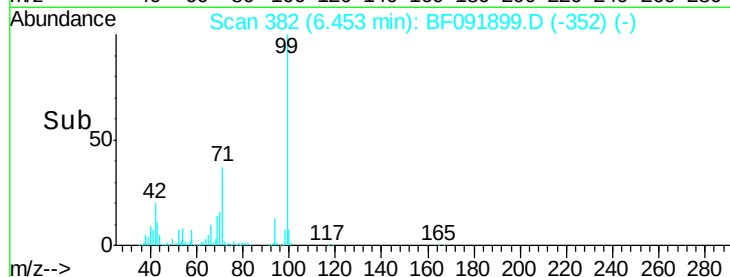
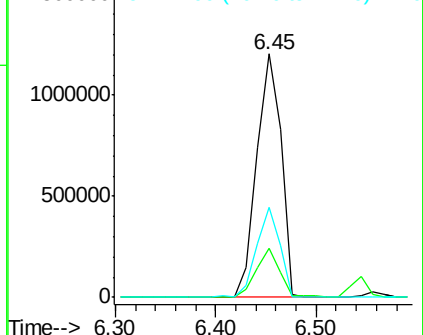
71 36.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.28 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

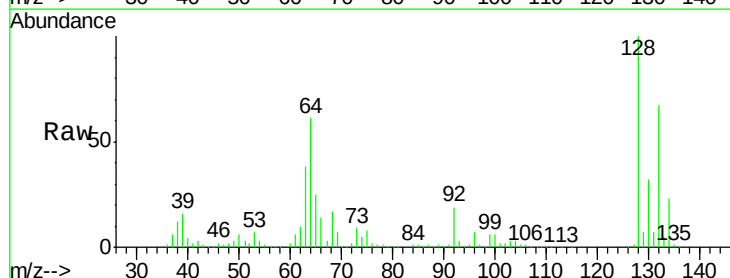
Tgt Ion: 128 Resp: 553740

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

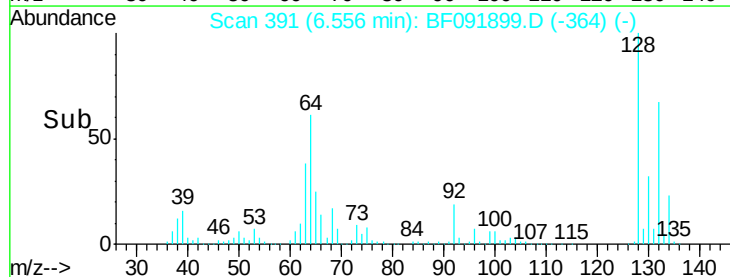
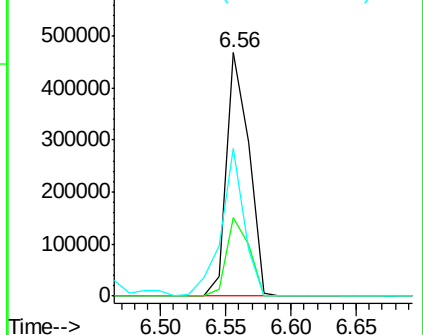
64 60.8 32.2 72.2

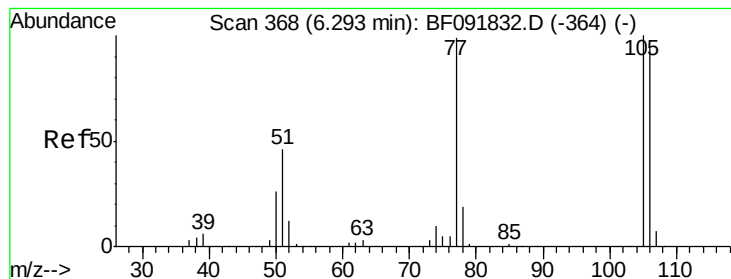


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.49 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

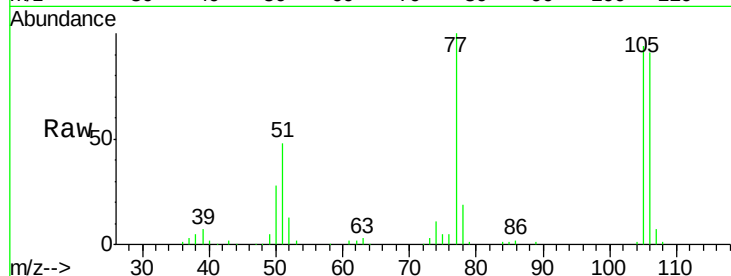
Tgt Ion: 77 Resp: 85218

Ion Ratio Lower Upper

77 100

105 93.9 83.9 123.9

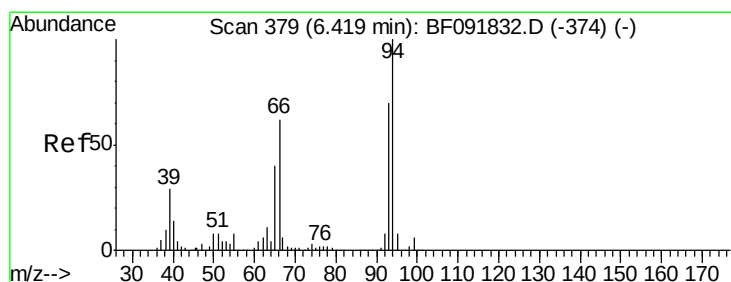
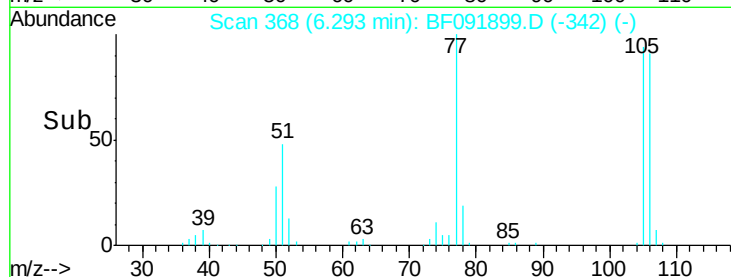
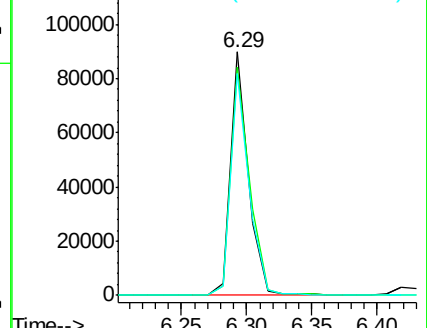
106 91.3 77.6 117.6



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: 37.22 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.05 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

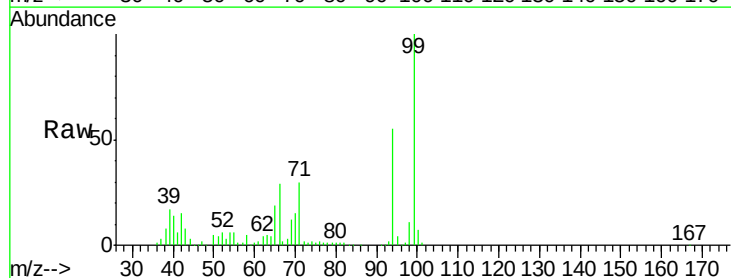
Tgt Ion: 94 Resp: 641789

Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

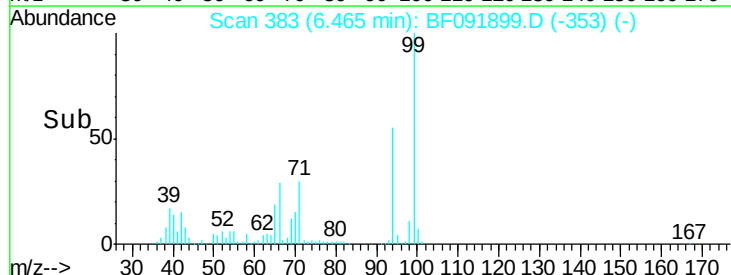
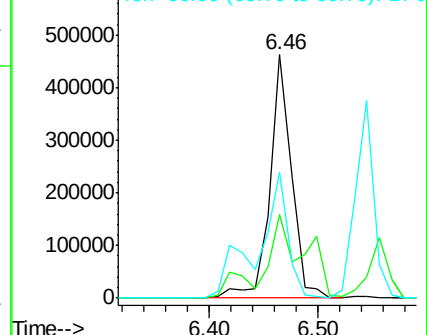
66 51.7 44.0 84.0

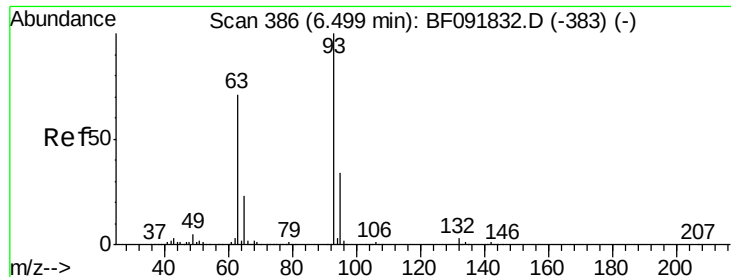


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

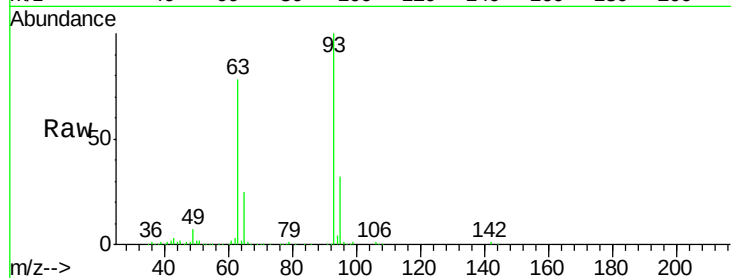
Tgt Ion: 93 Resp: 626746

Ion Ratio Lower Upper

93 100

63 78.4 60.4 100.4

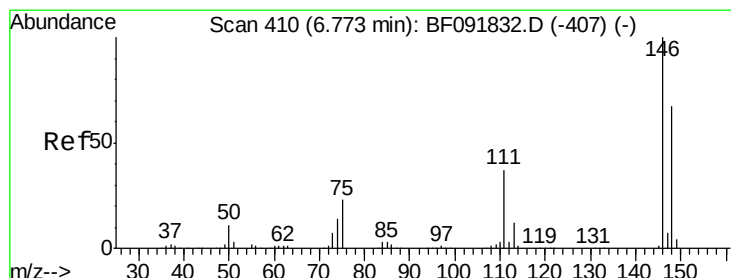
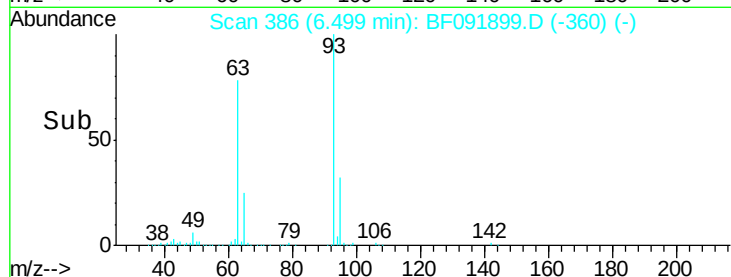
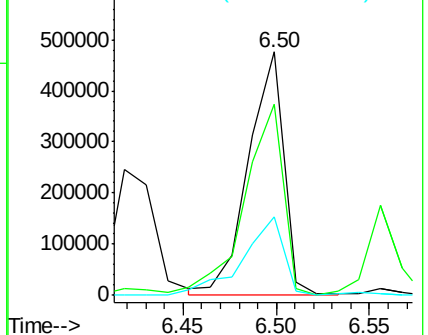
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.06 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

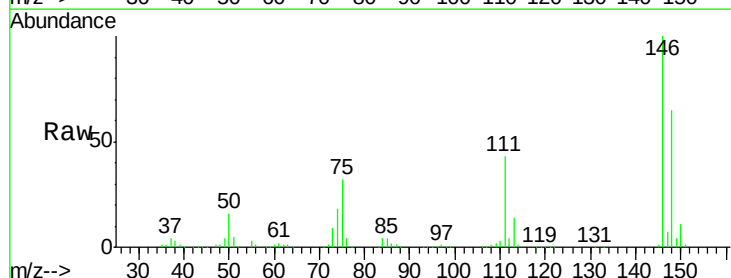
Tgt Ion: 146 Resp: 632880

Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

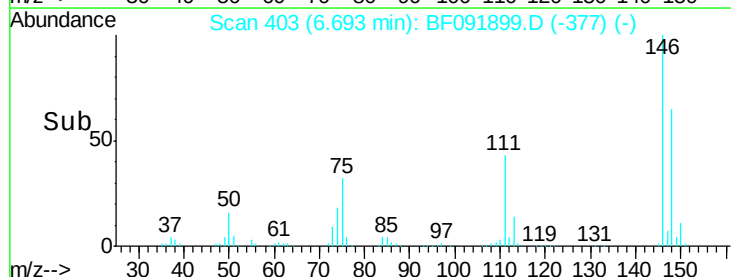
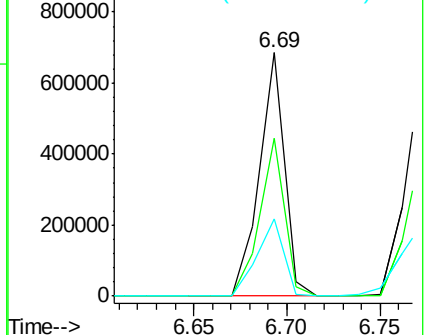
75 31.6 18.5 27.7#

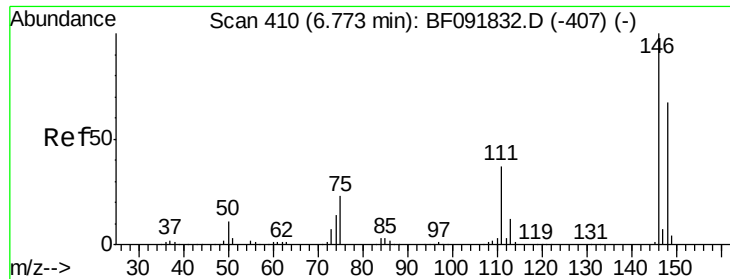


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

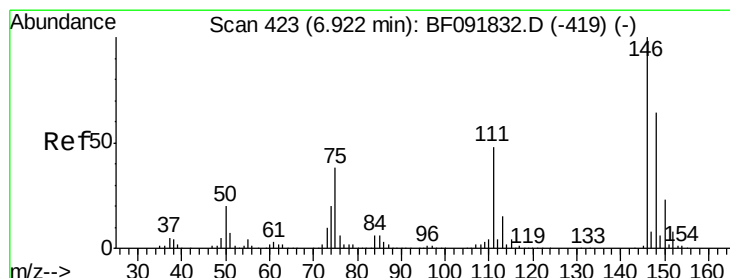
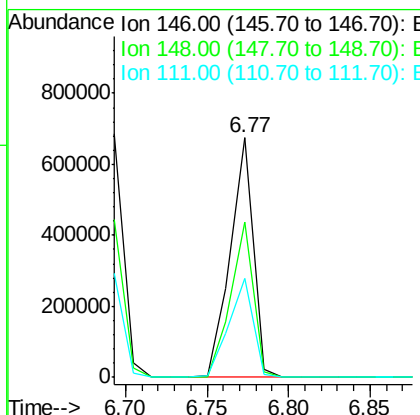
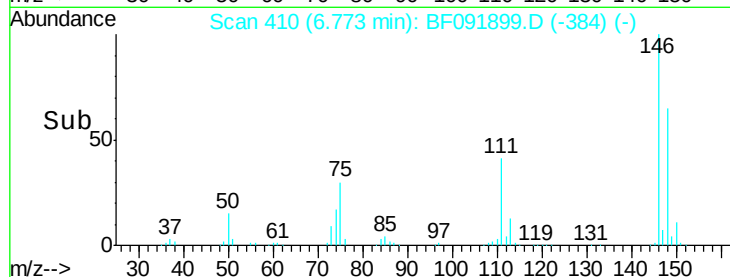
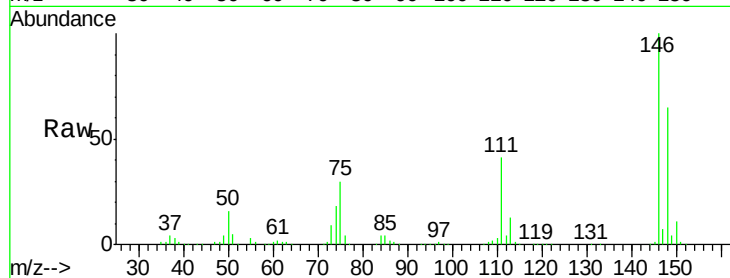




#13
 1,4-Dichlorobenzene
 Concen: 42.70 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

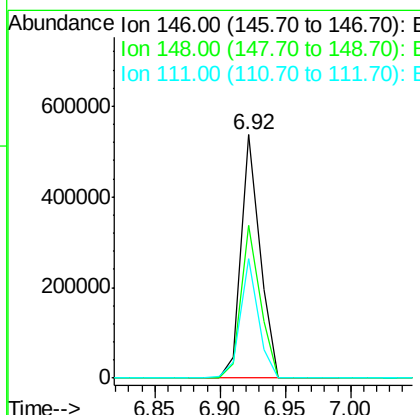
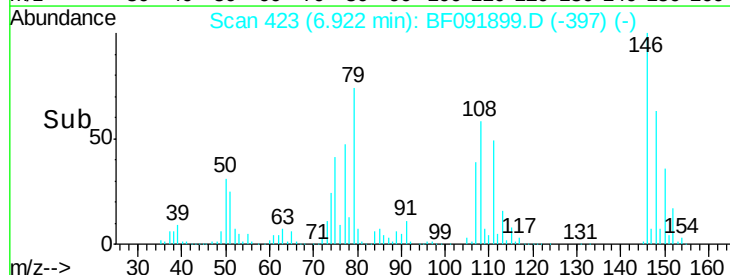
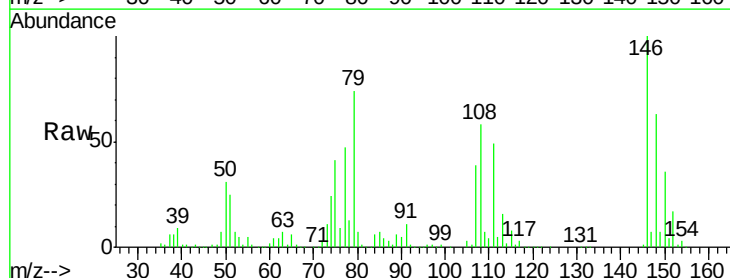
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

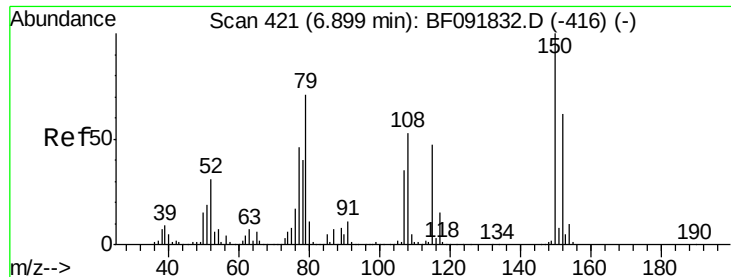
Tgt Ion:146 Resp: 654068
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 41.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.24 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:146 Resp: 534813
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 49.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.33 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

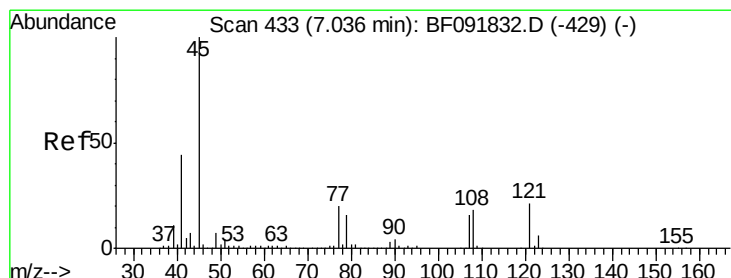
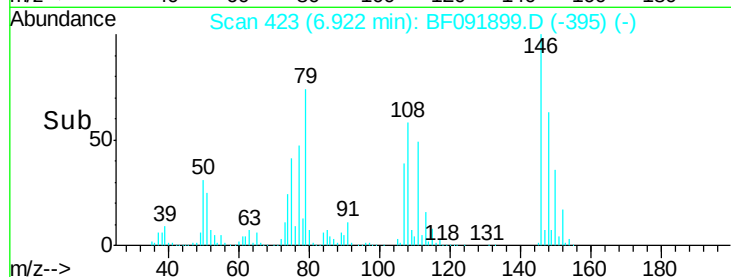
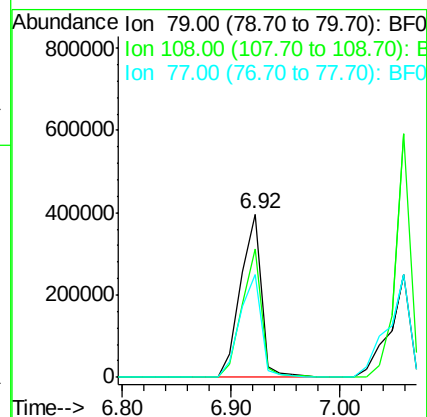
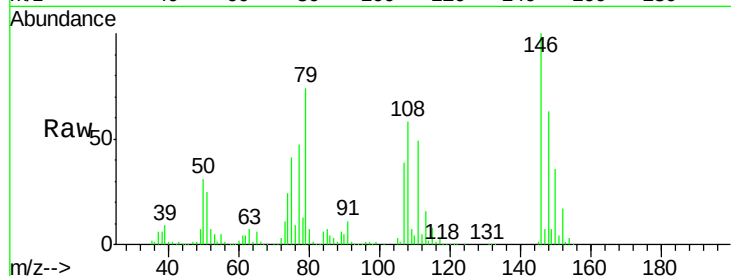
Tgt Ion: 79 Resp: 521093

Ion Ratio Lower Upper

79 100

108 78.3 61.4 92.0

77 63.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.47 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

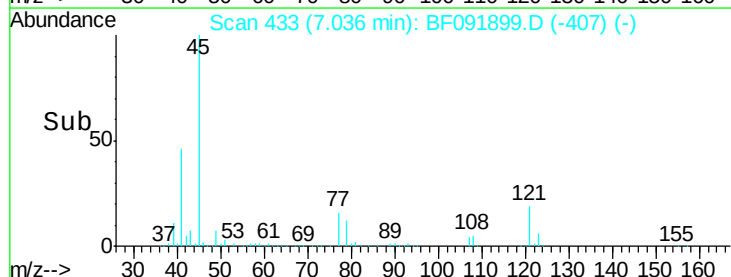
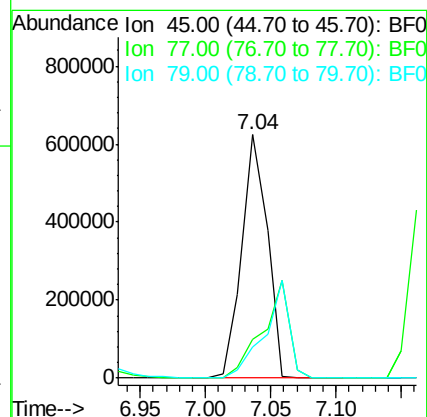
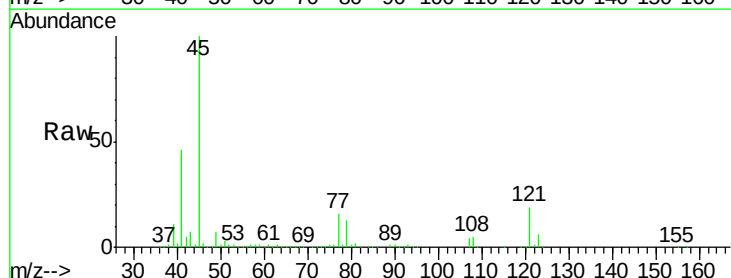
Tgt Ion: 45 Resp: 847249

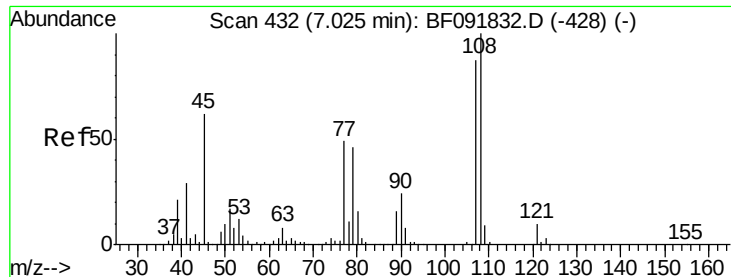
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 12.5 0.0 31.2

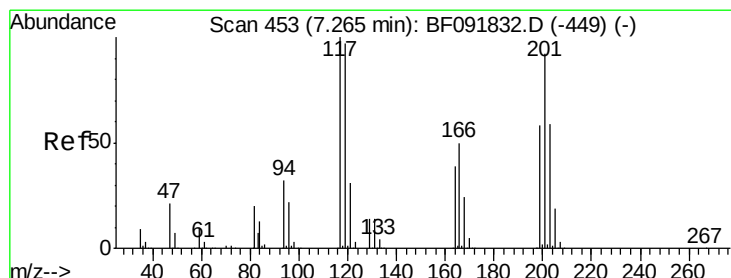
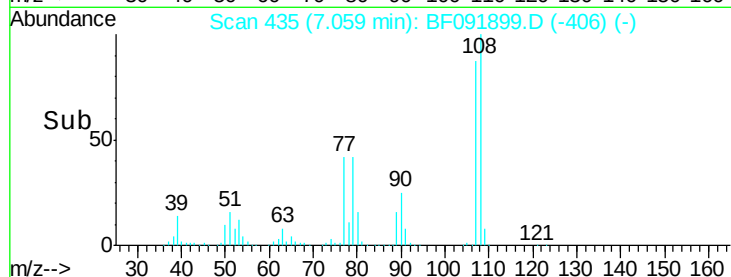
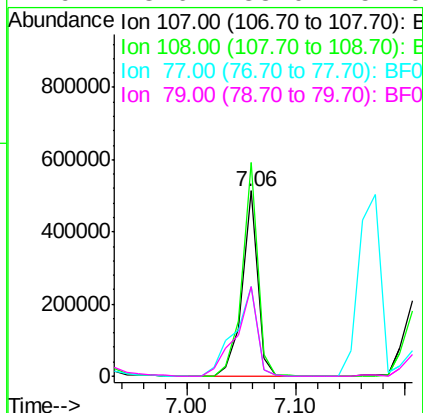
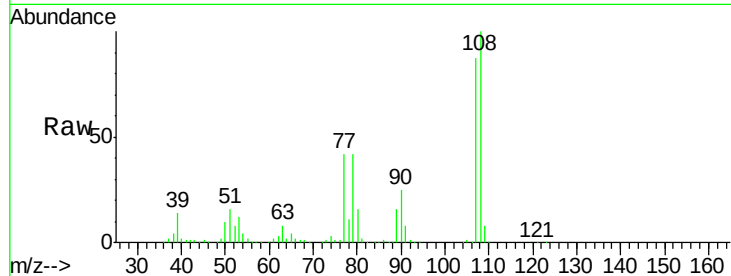




#17
2-Methylphenol
Concen: 43.87 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.03 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

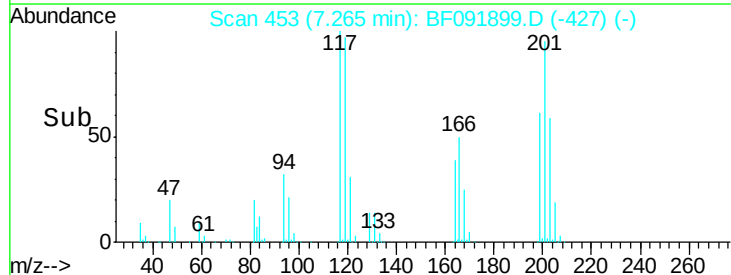
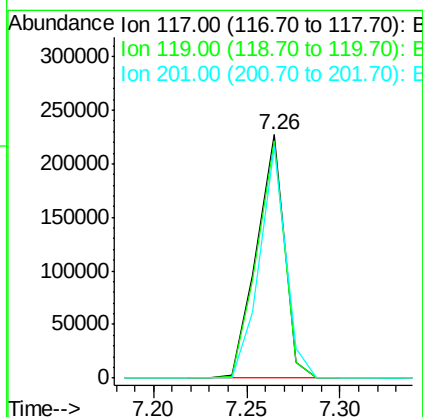
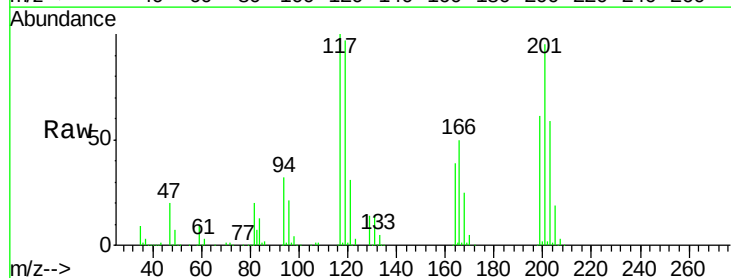
Instrument :
BNA_F
ClientSampleId :
PB95563BS

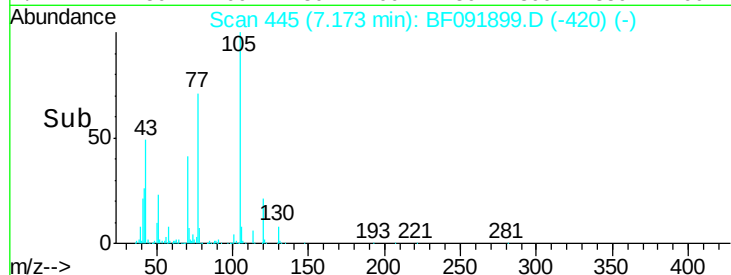
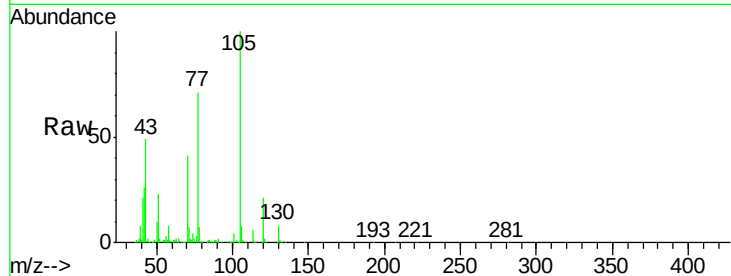
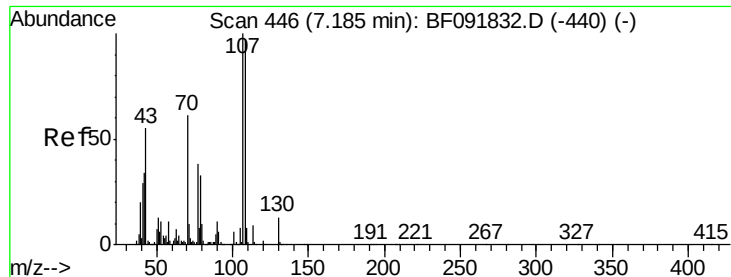
Tgt Ion:	107	Resp:	497386
Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.6
77	48.7	39.8	59.8
79	48.6	38.0	57.0



#18
Hexachloroethane
Concen: 41.02 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:	117	Resp:	232956
Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
201	95.2	78.6	117.8

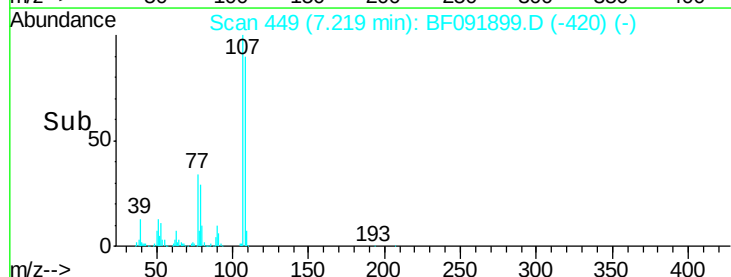
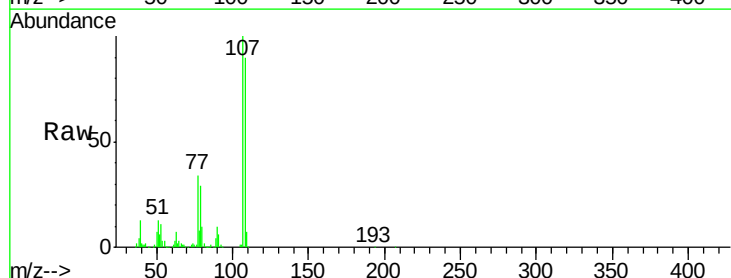
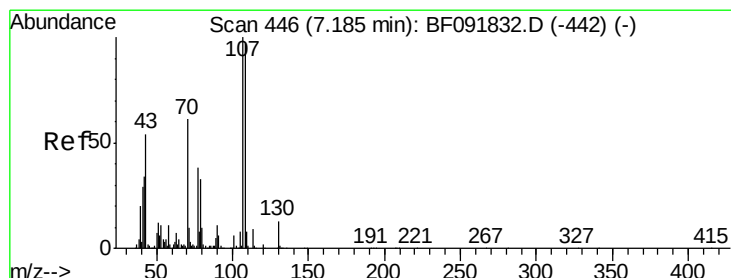
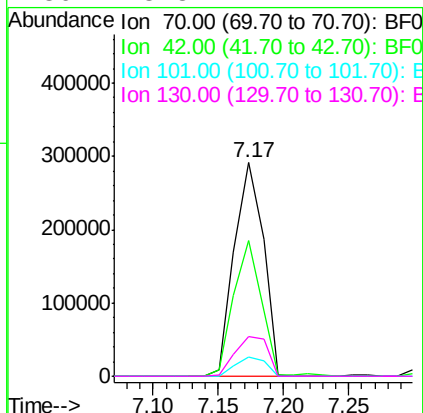




#19
n-Nitroso-di-n-propylamine
Concen: 44.88 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

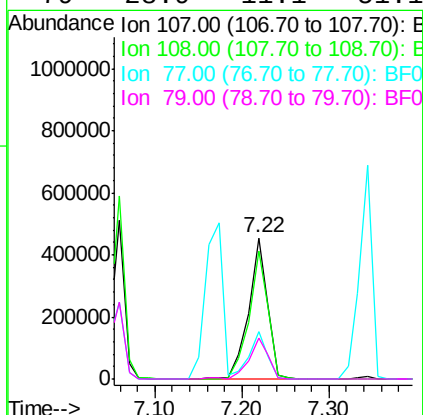
Instrument :
BNA_F
ClientSampleId :
PB95563BS

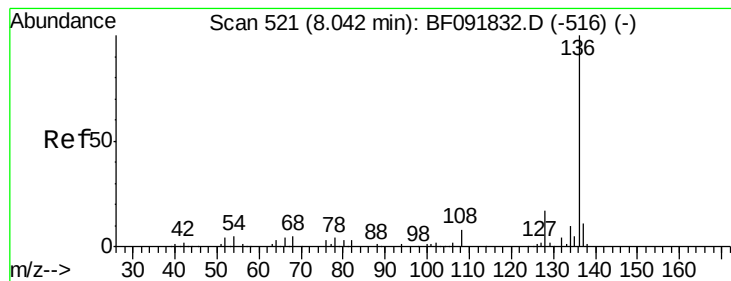
Tgt Ion:	70	Resp:	451714
Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	9.2	7.4	11.2
130	18.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 50.97 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.03 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:	107	Resp:	689234
Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.0	113.0
77	33.9	71.3	111.3#
79	28.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tgt Ion:136 Resp: 868186

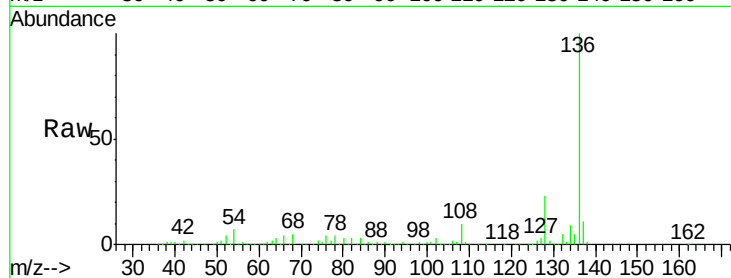
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.9 4.5 6.7#

68 5.2 3.6 5.4

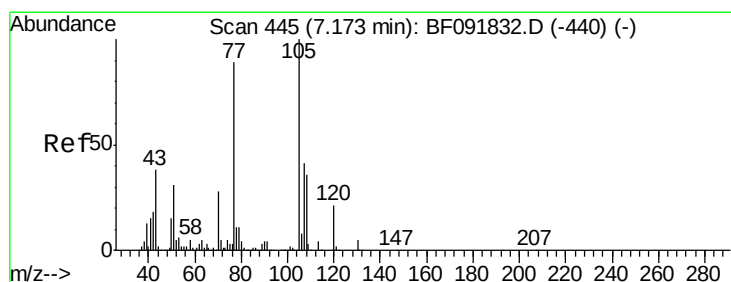
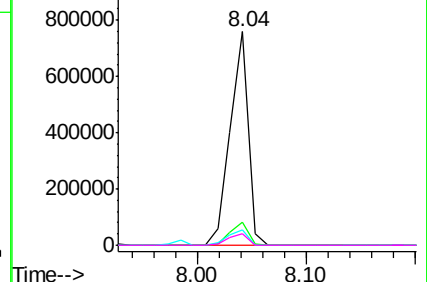
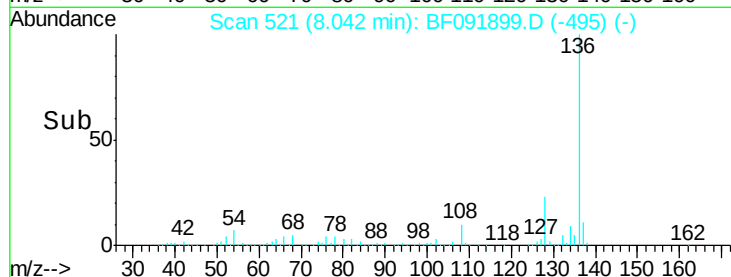


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.52 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:105 Resp: 931881

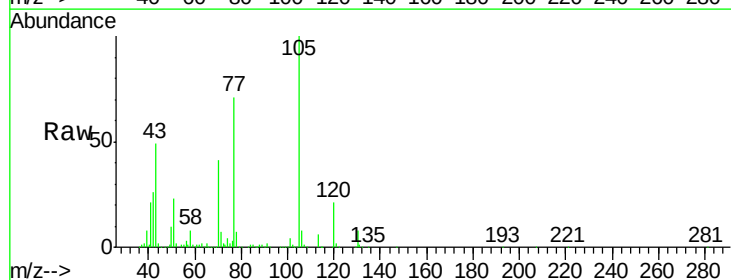
Ion Ratio Lower Upper

105 100

71 6.9 3.2 4.8#

51 22.8 26.2 39.4#

120 21.3 16.6 24.8

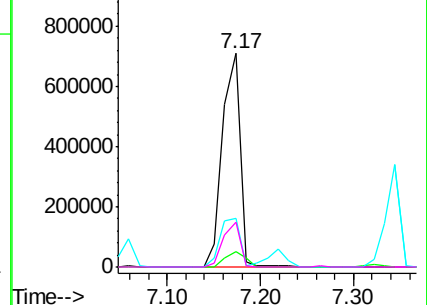
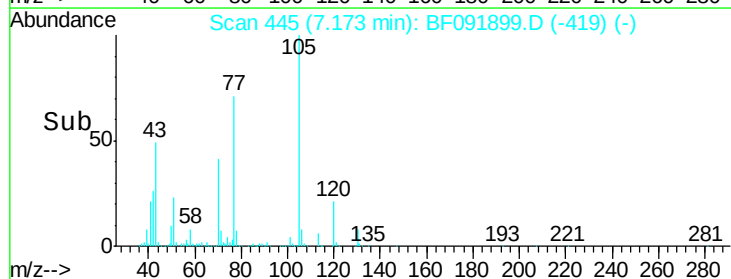


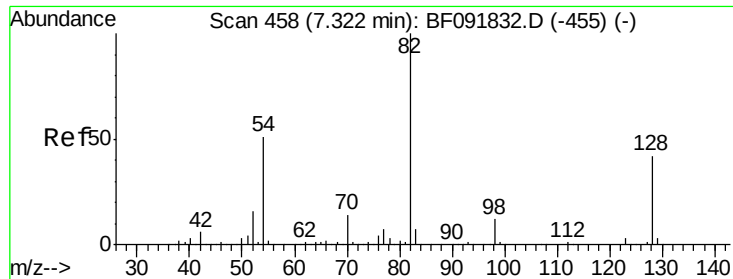
Abundance Ion 105.00 (104.70 to 105.70): E

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

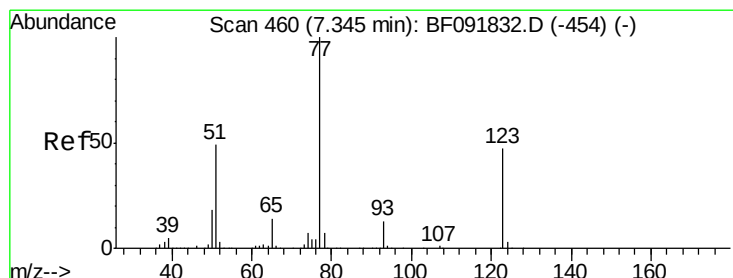
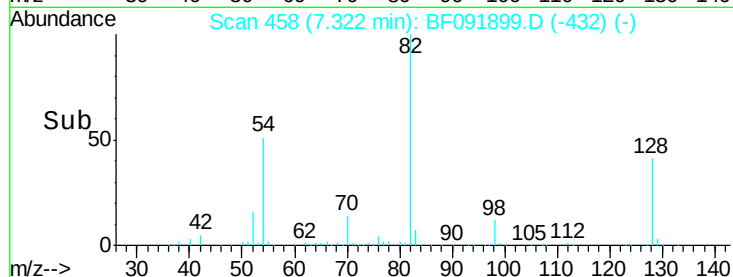
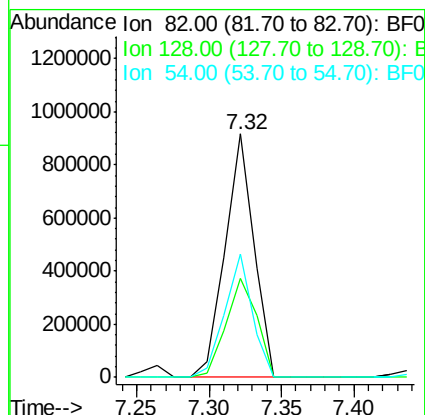
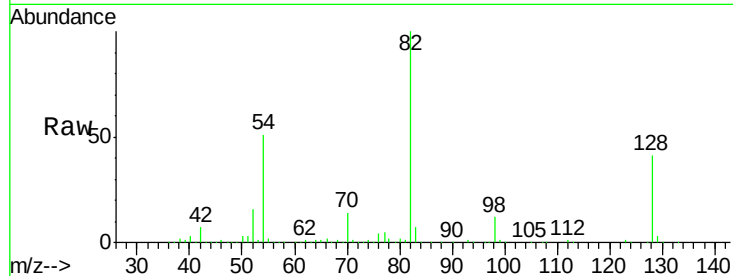




#23
 Nitrobenzene-d5
 Concen: 80.84 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

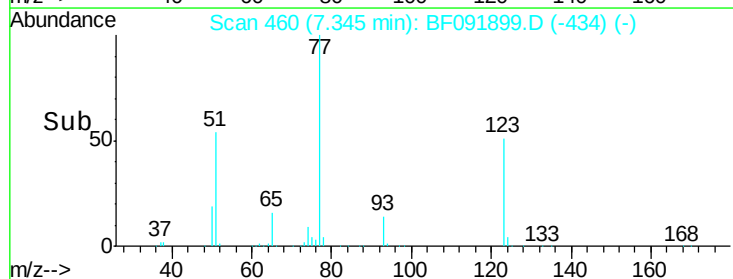
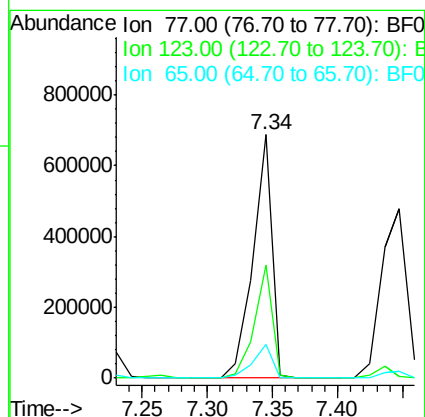
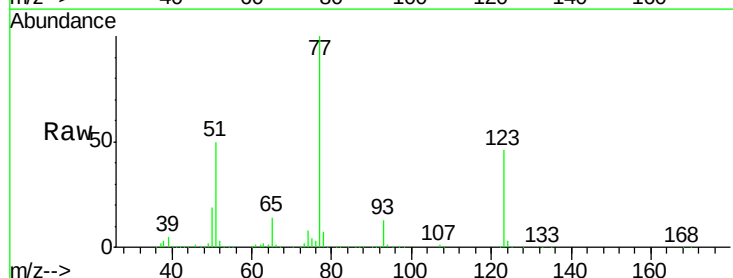
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

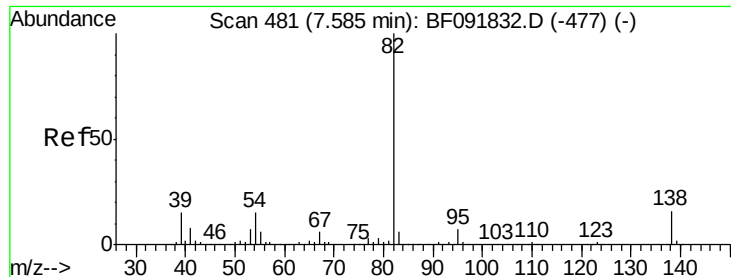
Tgt Ion: 82 Resp: 1262183
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 50.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 41.78 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion: 77 Resp: 694785
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 40.28 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

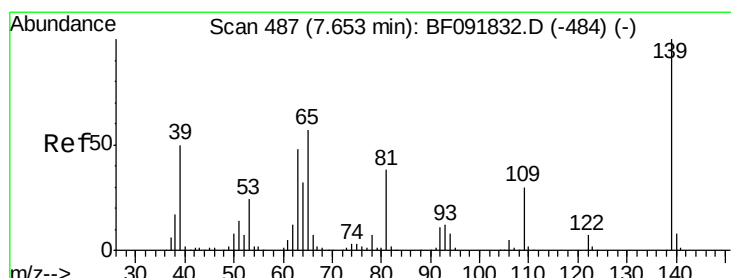
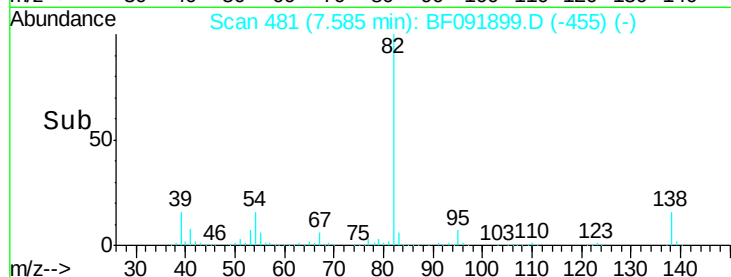
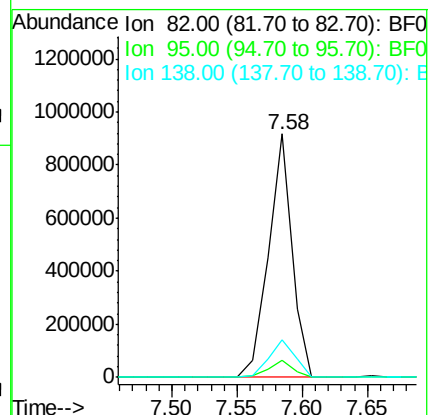
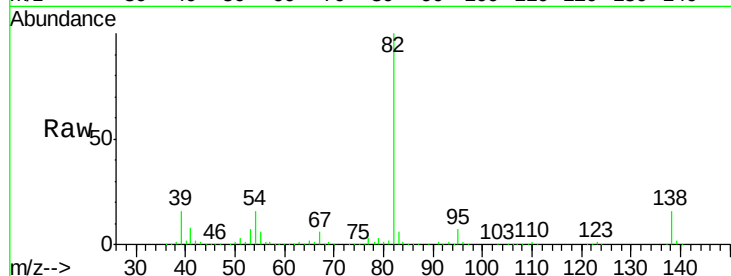
Tgt Ion: 82 Resp: 1160271

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 15.6 14.6 22.0



#26

2-Nitrophenol

Concen: 30.59 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

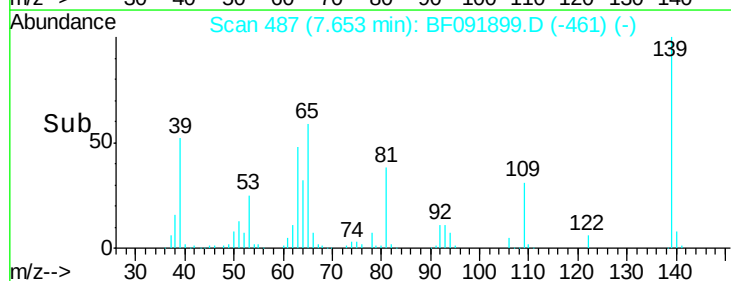
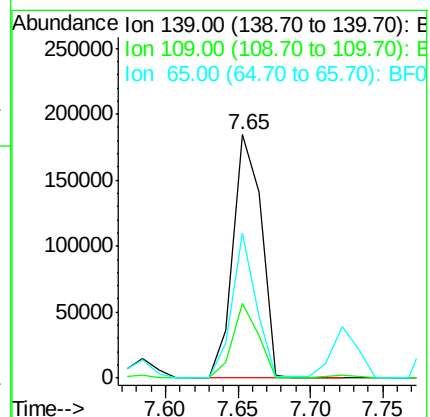
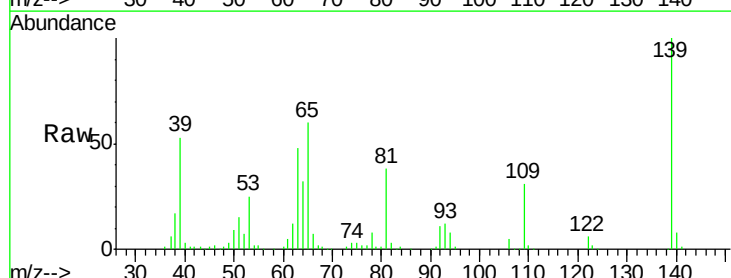
Tgt Ion: 139 Resp: 250835

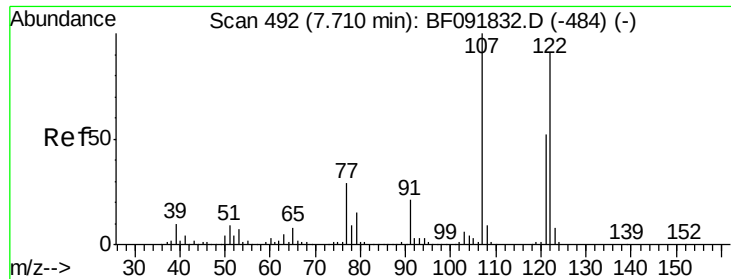
Ion Ratio Lower Upper

139 100

109 30.9 23.3 34.9

65 59.7 42.7 64.1

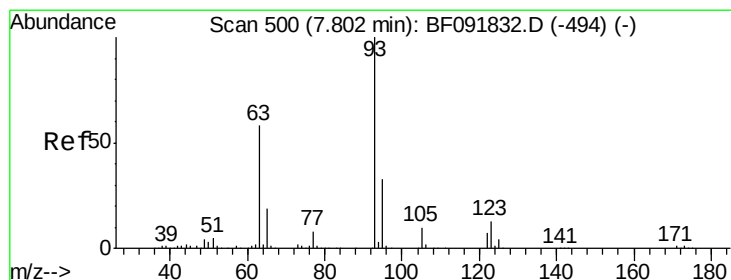
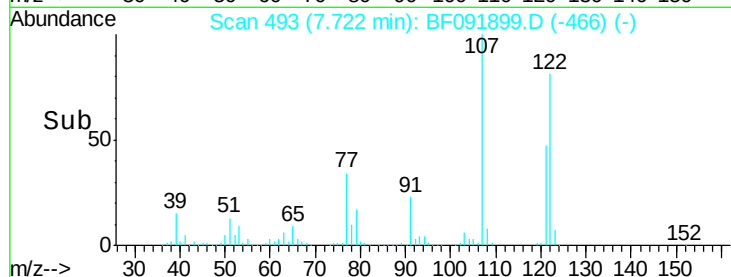
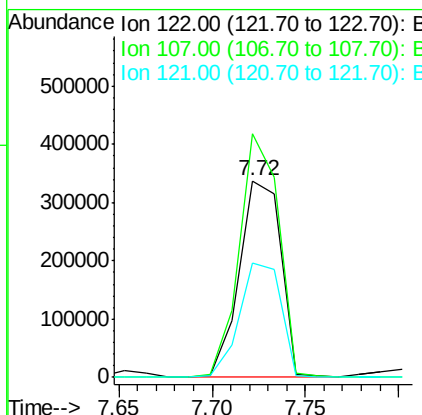
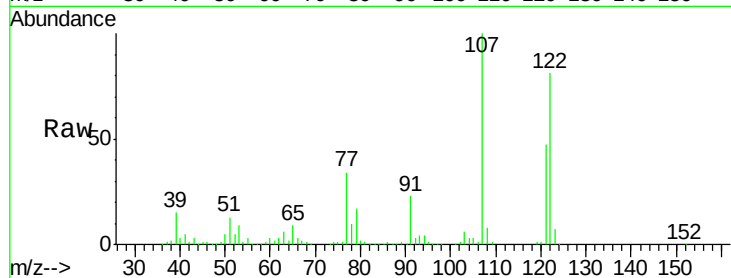




#27
 2,4-Dimethylphenol
 Concen: 38.44 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

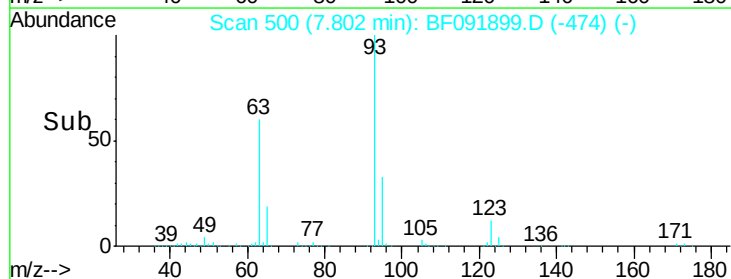
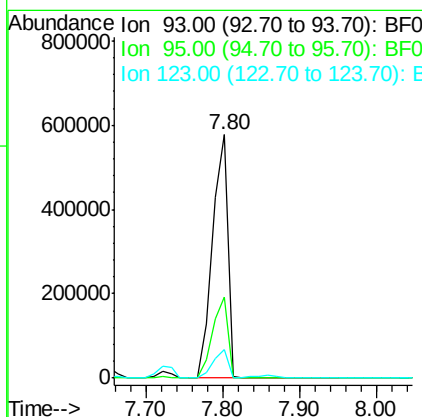
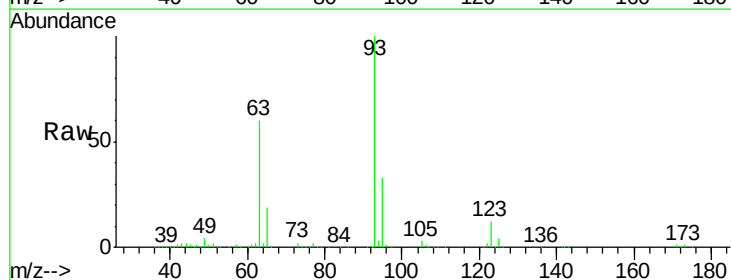
Instrument :
 BNA_F
 ClientSampled :
 PB95563BS

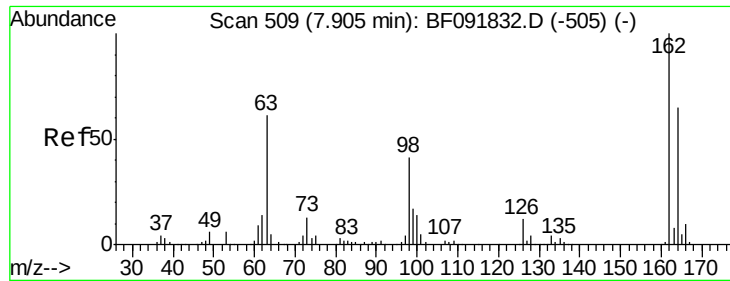
Tgt Ion: 122 Resp: 522837
 Ion Ratio Lower Upper
 122 100
 107 123.7 94.1 141.1
 121 57.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.13 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion: 93 Resp: 788377
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.7 8.6 13.0

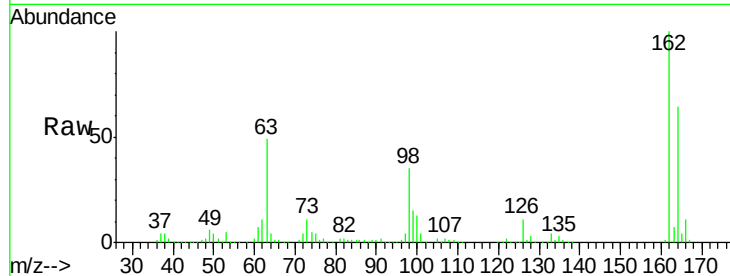




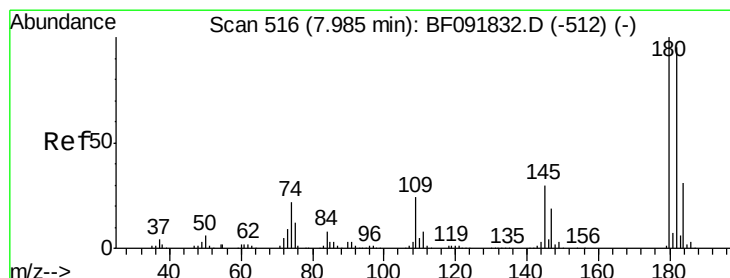
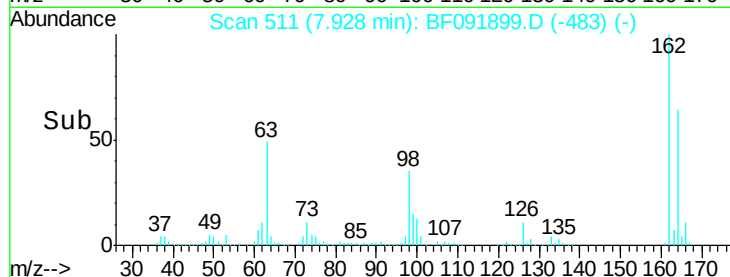
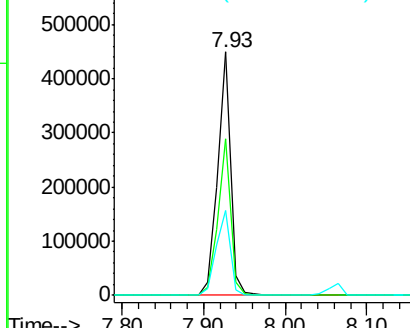
#29
2,4-Dichlorophenol
Concen: 43.04 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	35.0	9.1	49.1

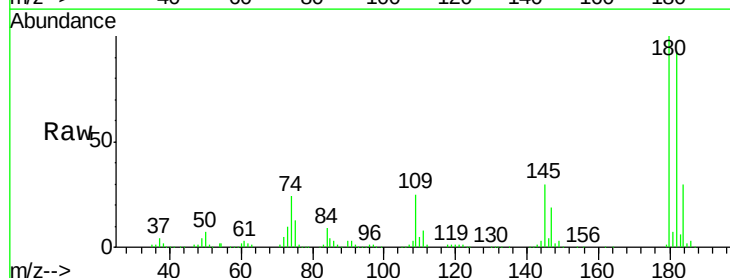


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

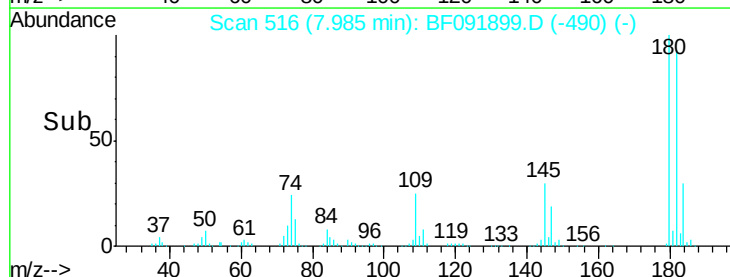
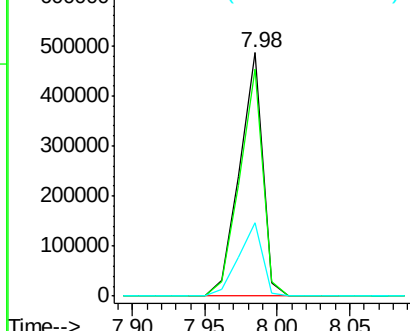


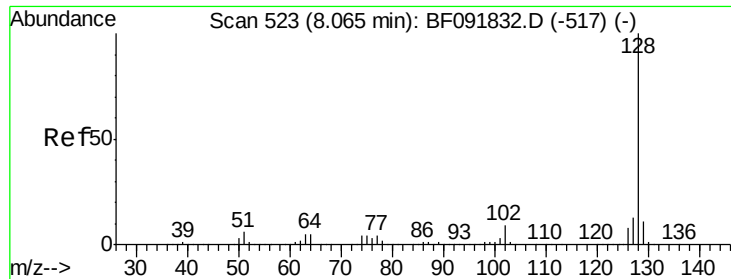
#30
1,2,4-Trichlorobenzene
Concen: 42.75 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.4
145	30.4	21.6	32.4



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

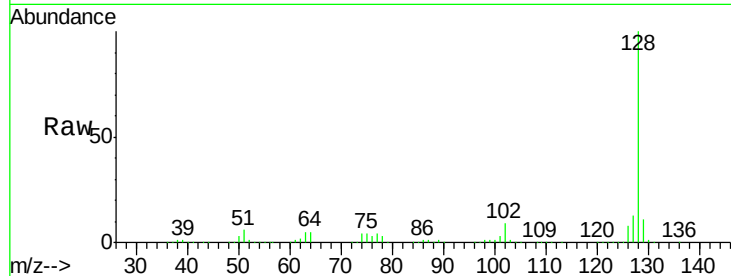




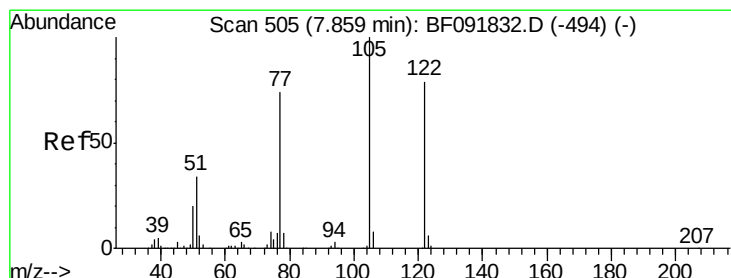
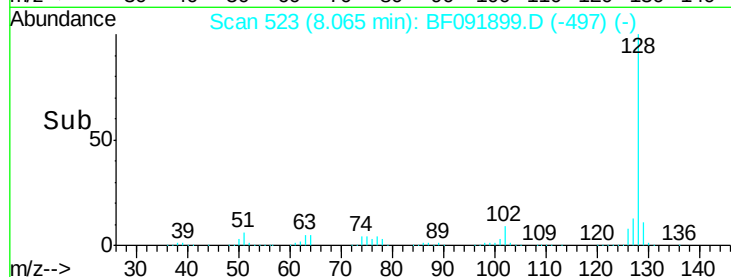
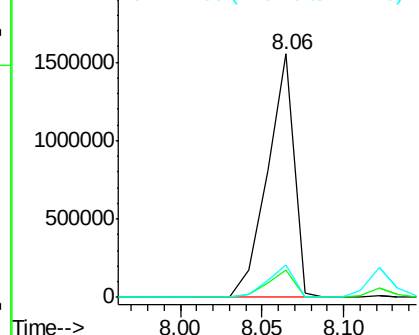
#31
Naphthalene
Concen: 44.37 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion:128 Resp: 1762873
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

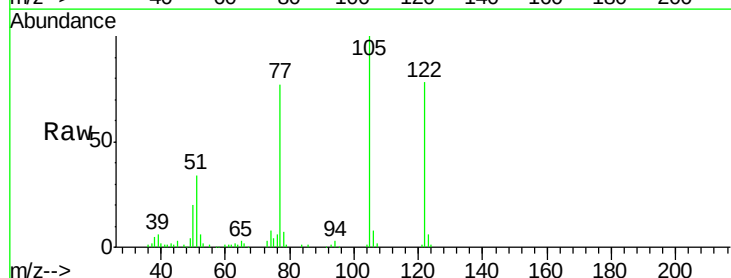


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

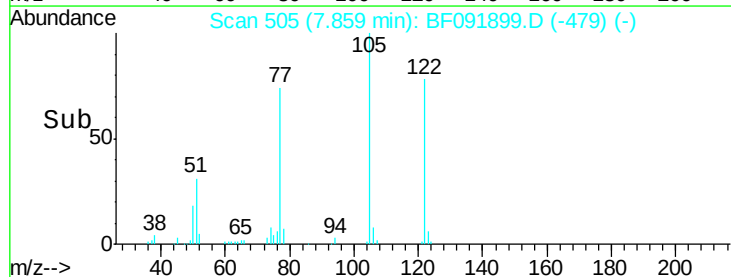
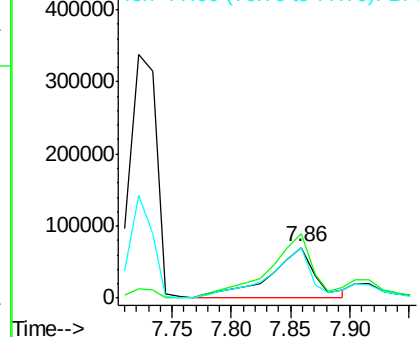


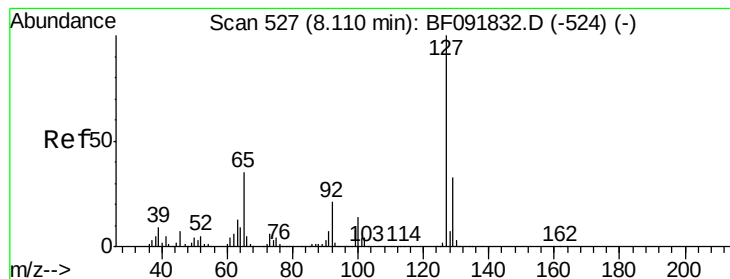
#32
Benzoic acid
Concen: 18.35 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:122 Resp: 185085
Ion Ratio Lower Upper
122 100
105 128.6 107.2 147.2
77 98.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.35 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

Tgt Ion:127 Resp: 221310

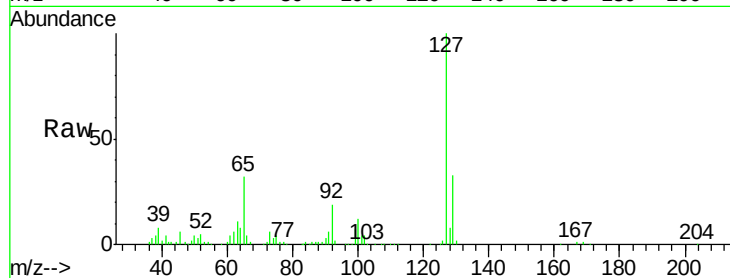
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 32.5 25.8 38.8

92 19.3 16.1 24.1

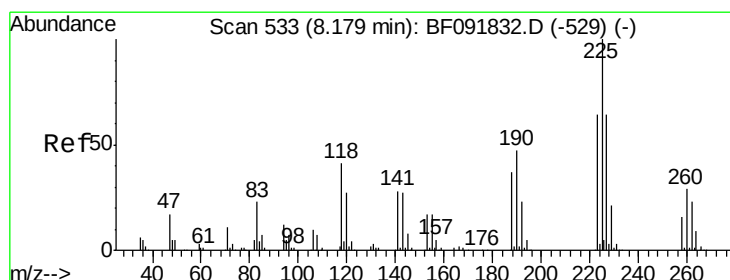
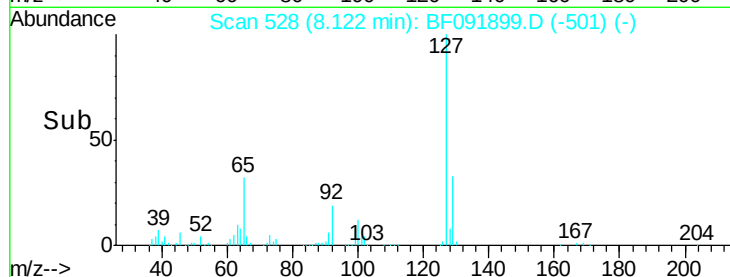
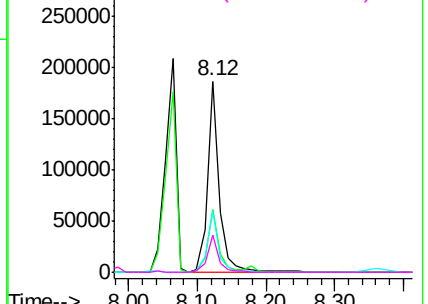


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.71 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

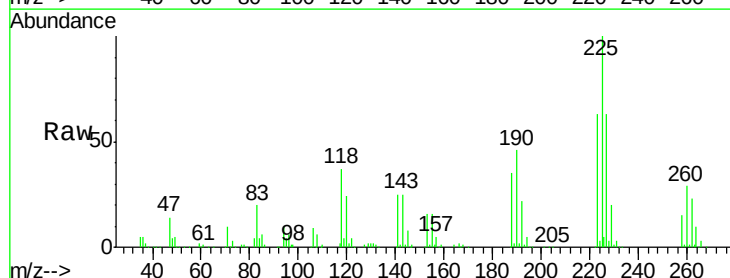
Tgt Ion:225 Resp: 297881

Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

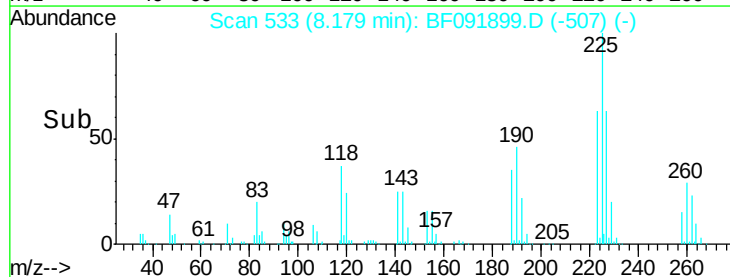
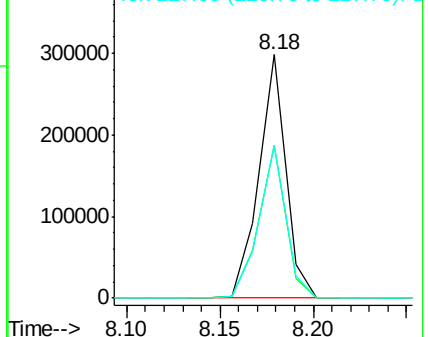
227 62.5 50.6 76.0

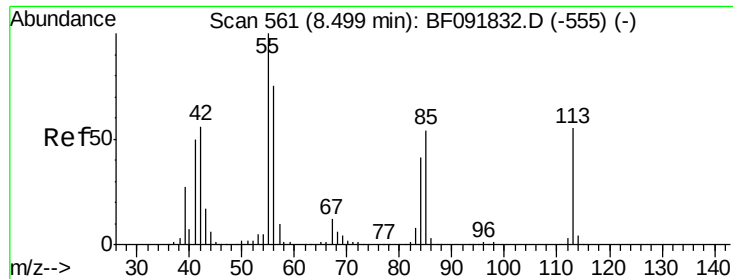


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

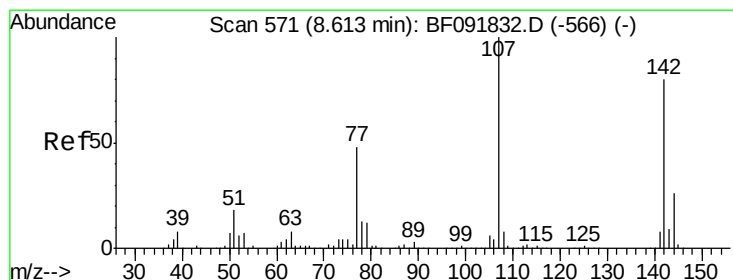
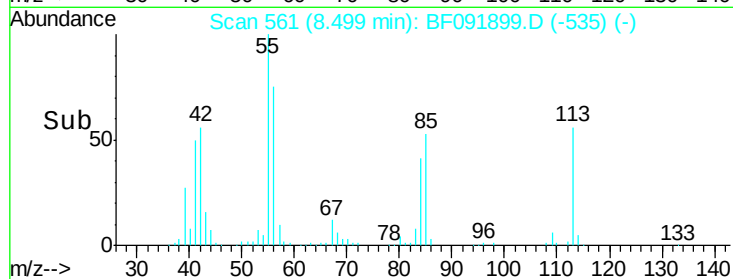
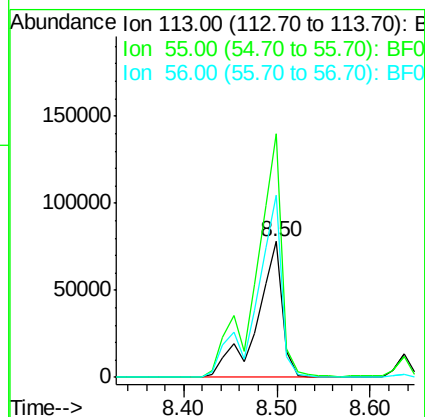
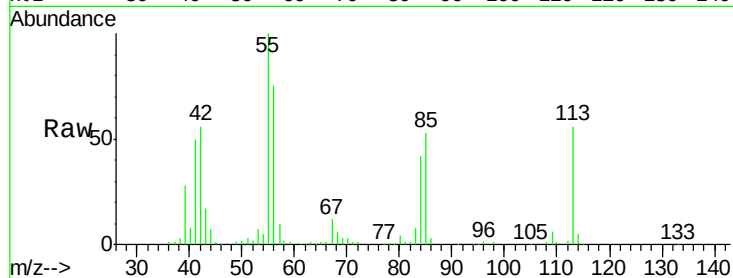




#35
 Caprolactam
 Concen: 39.16 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

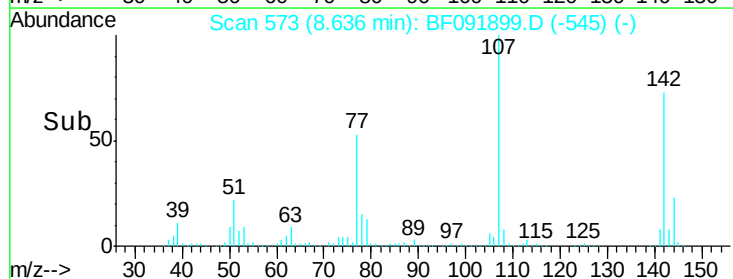
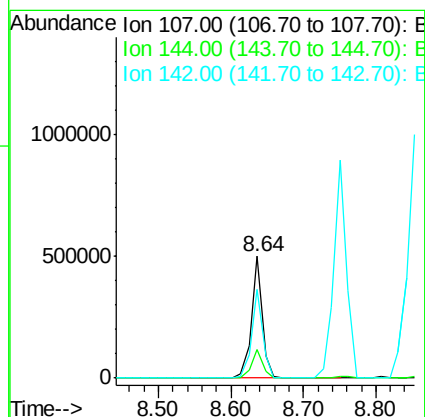
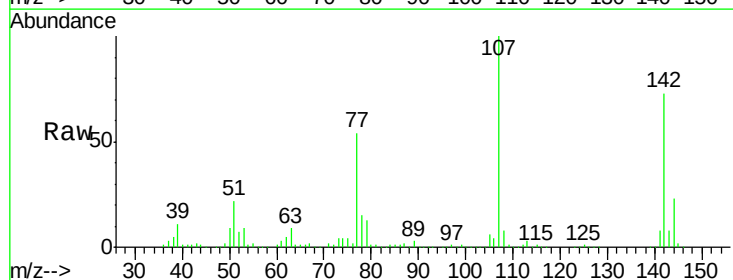
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

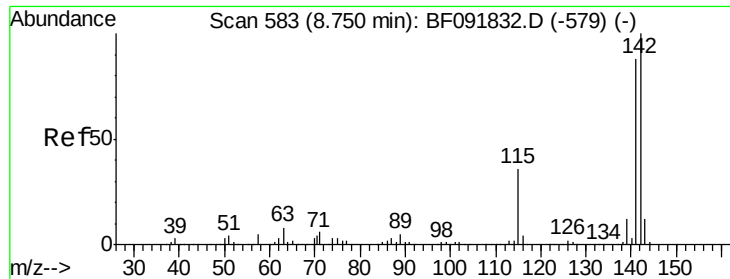
Tgt Ion:113 Resp: 148215
 Ion Ratio Lower Upper
 113 100
 55 179.4 119.2 159.2#
 56 134.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.19 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:107 Resp: 519383
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 73.0 59.0 88.6

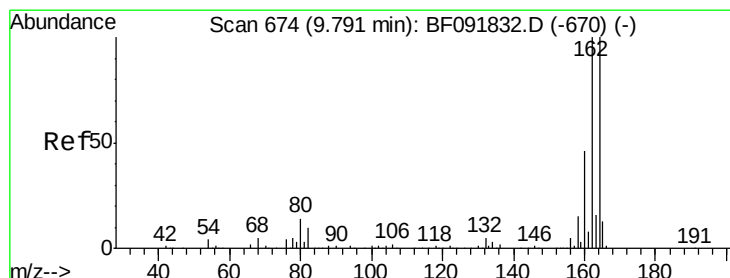
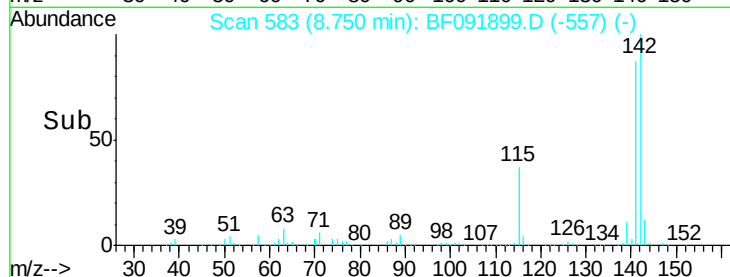
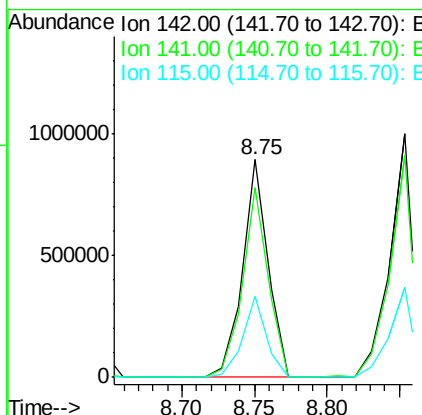
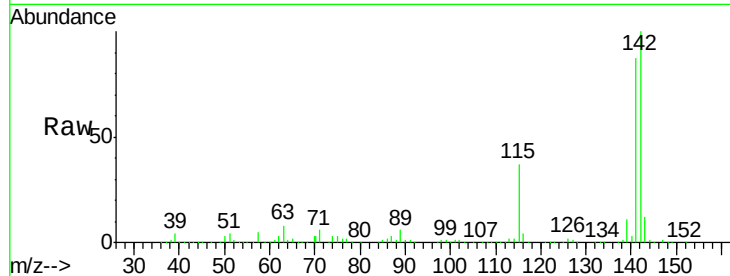




#37
 2-Methylnaphthalene
 Concen: 44.82 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

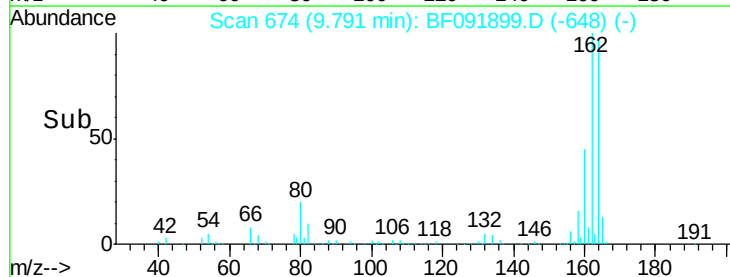
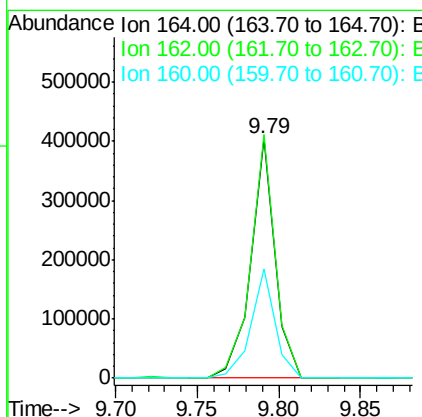
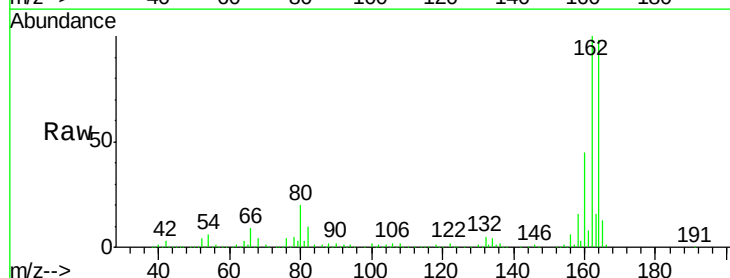
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

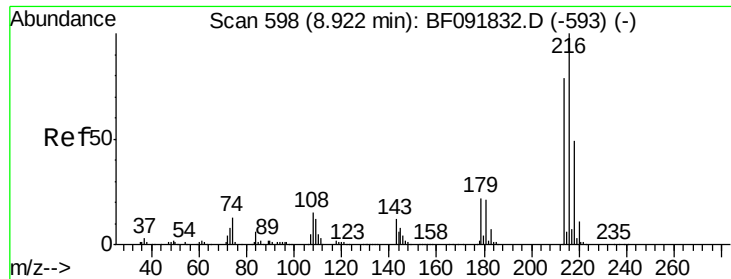
Tgt Ion:142 Resp: 1080978
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.6
 115 37.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:164 Resp: 417671
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 45.7 36.9 55.3

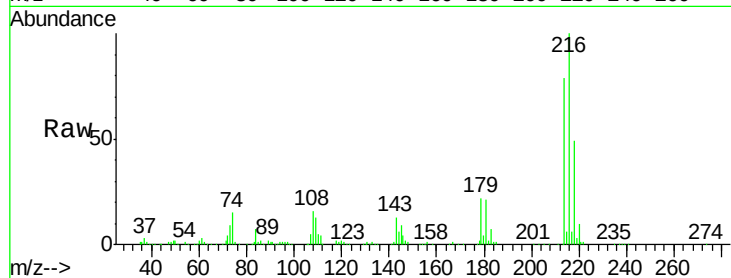




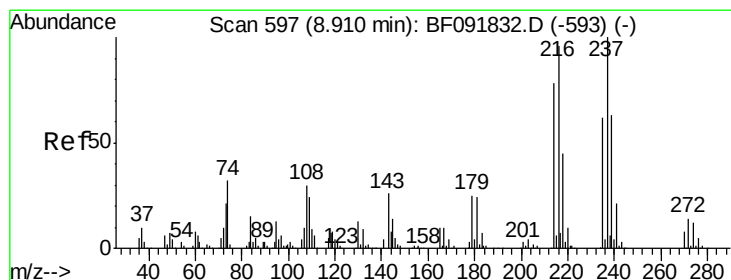
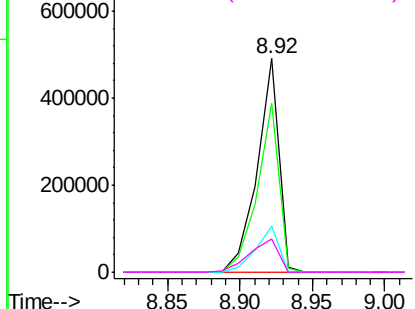
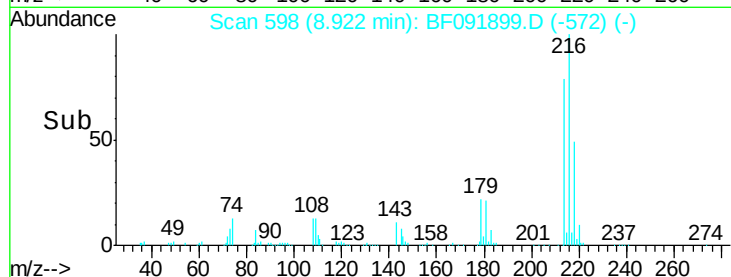
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.46 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tgt Ion:	216	Resp:	511392
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	22.6	17.4	26.2
108	20.9	15.6	23.4

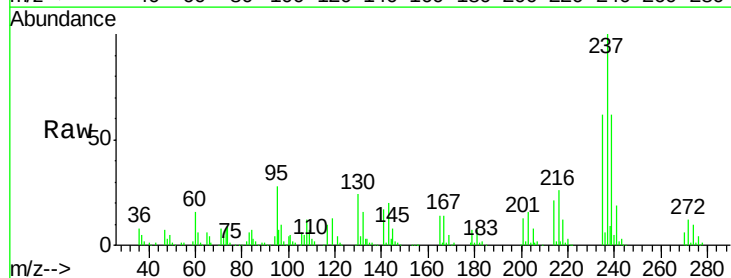


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

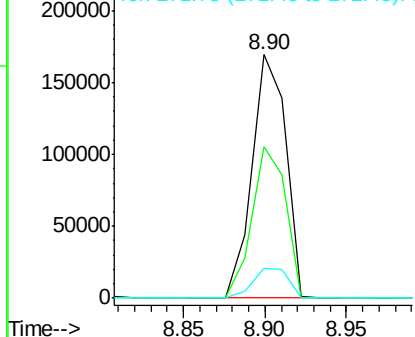
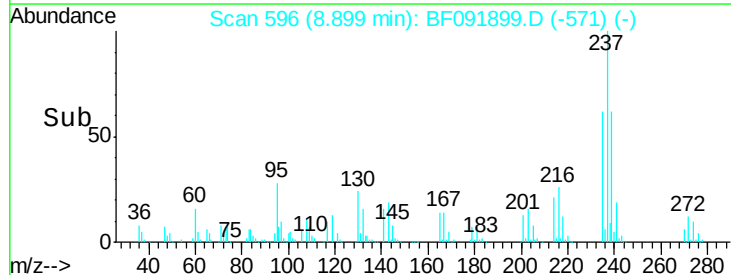


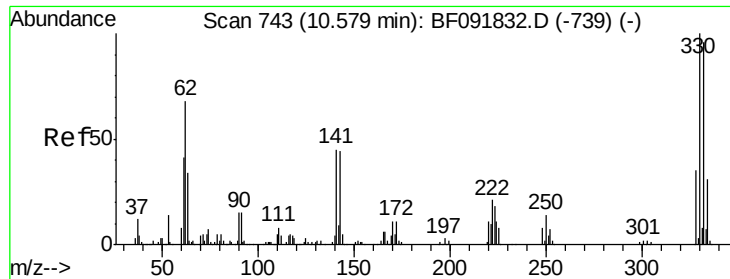
#40
 Hexachlorocyclopentadiene
 Concen: 53.10 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:	237	Resp:	242942
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.2	81.2
272	12.4	0.0	35.4



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

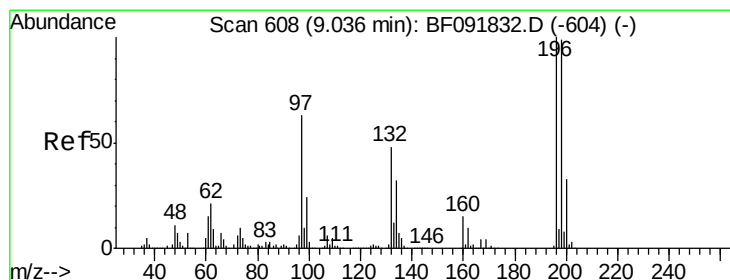
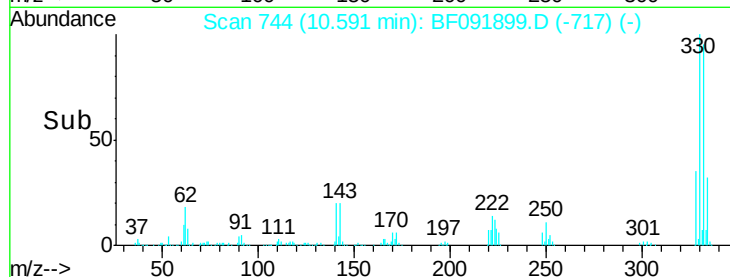
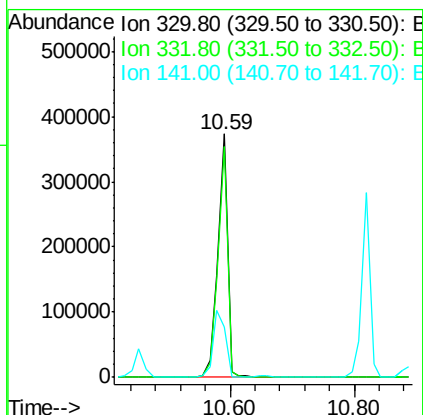
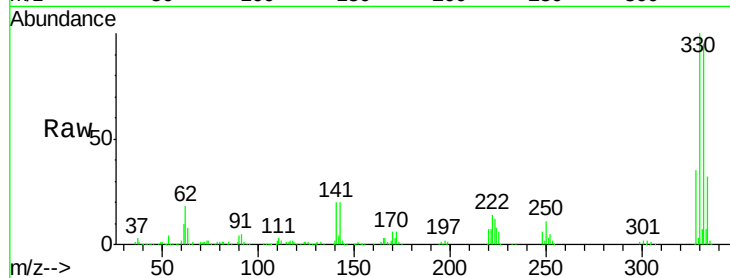




#41
 2,4,6-Tribromophenol
 Concen: 114.68 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

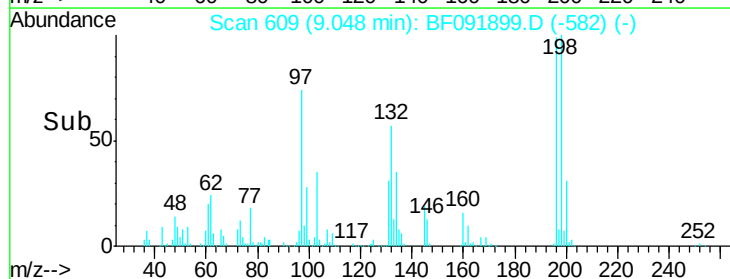
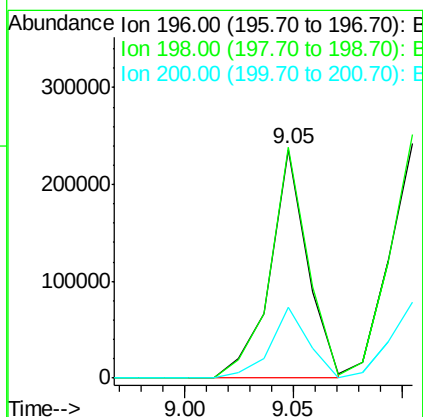
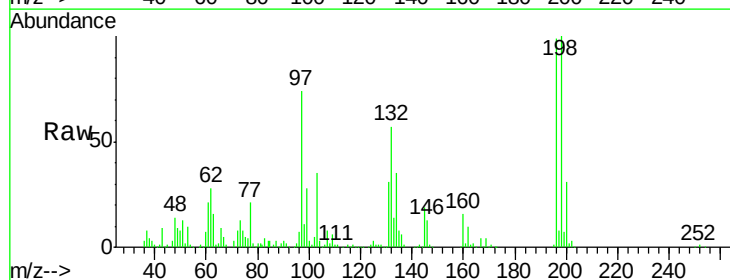
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

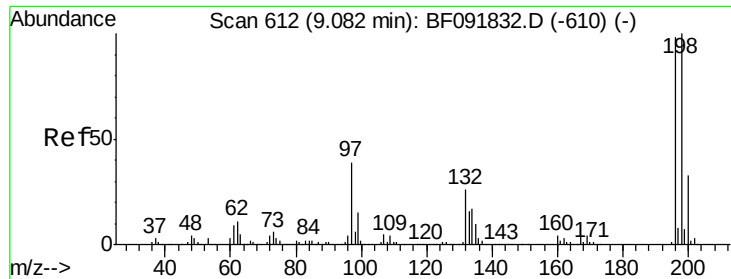
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	34.9	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.76 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	82.1	123.1
200	31.1	27.0	40.4

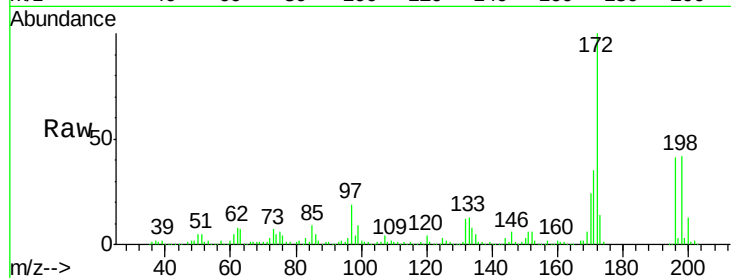




#43
2,4,5-Trichlorophenol
Concen: 36.24 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.02 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.5	79.4	119.2
97	45.4	51.5	77.3
132	28.2	27.4	41.2



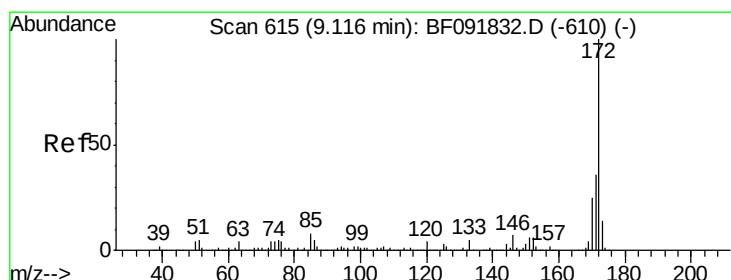
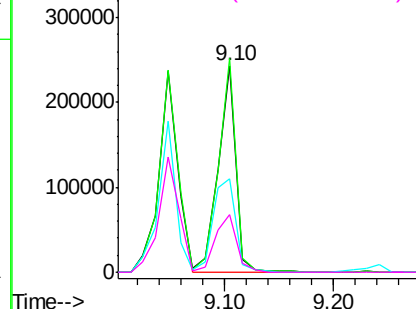
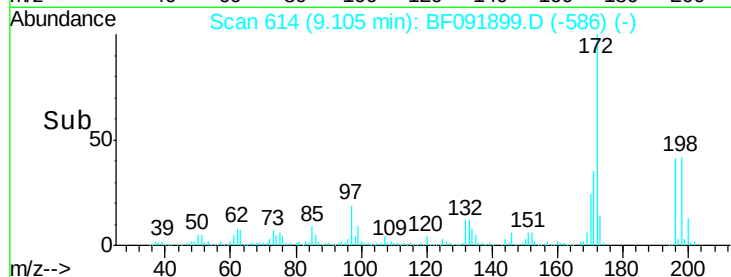
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

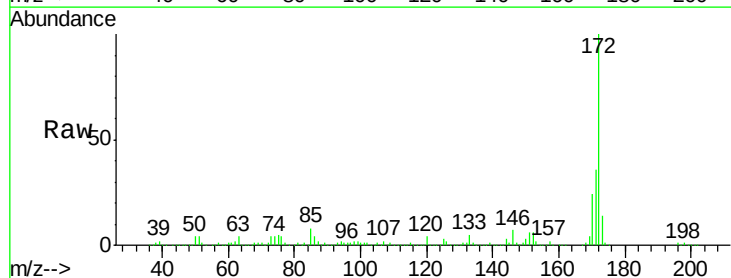
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 109.30 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	20.2	30.4

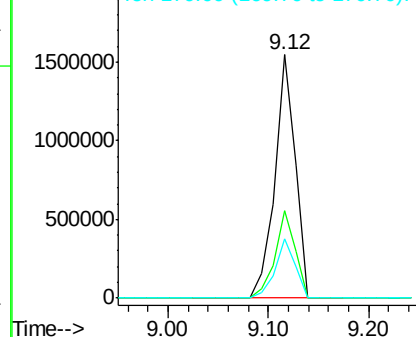
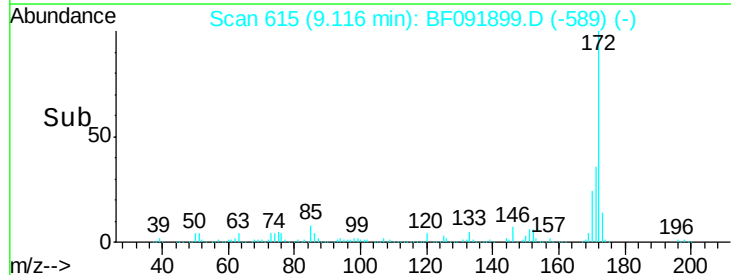


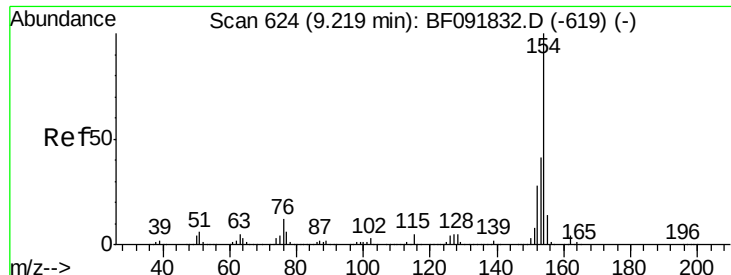
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

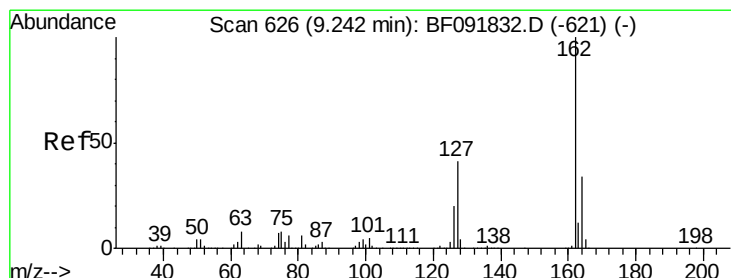
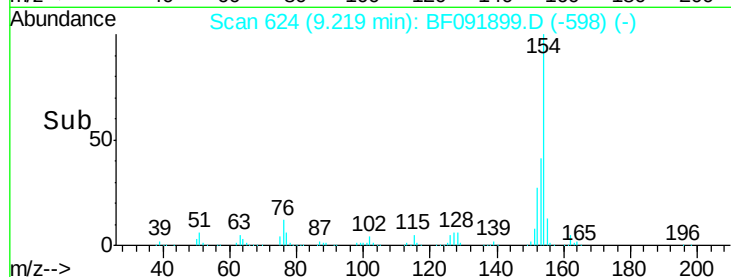
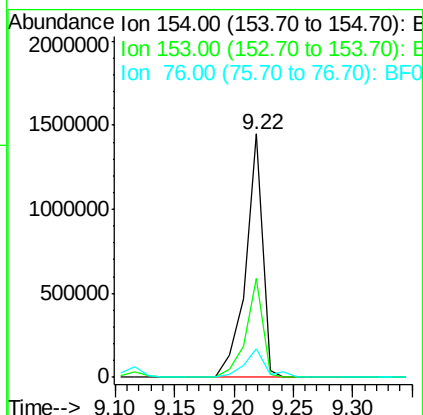
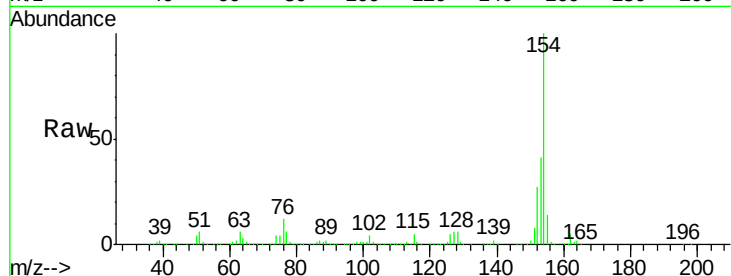




#45
 1,1'-Biphenyl
 Concen: 50.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

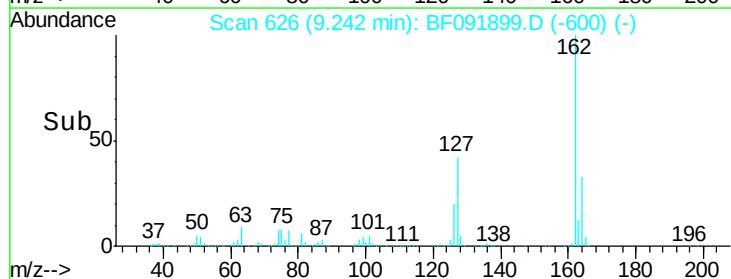
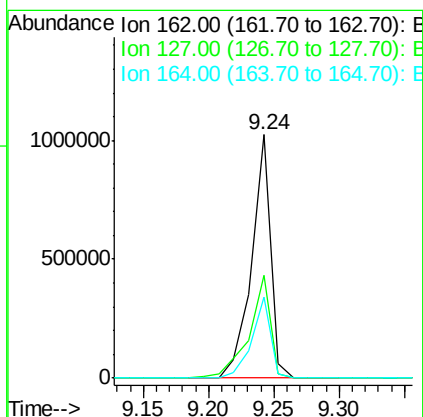
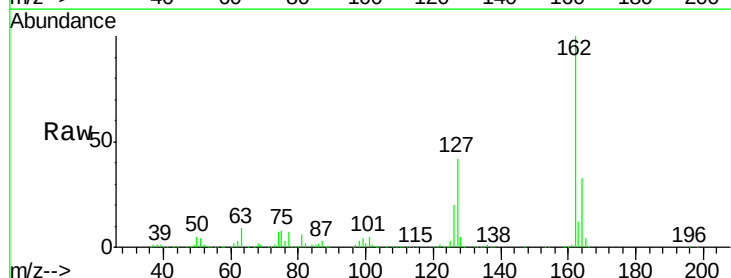
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

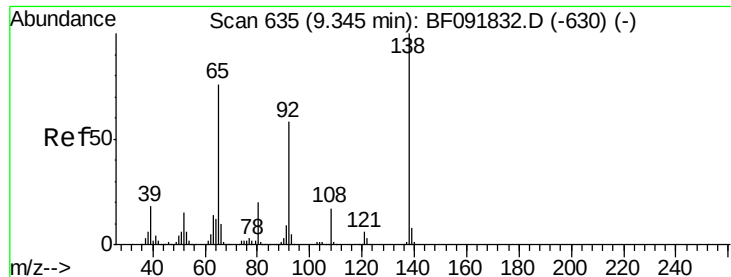
Tgt Ion:154 Resp: 1433171
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 11.8 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 45.85 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:162 Resp: 1038487
 Ion Ratio Lower Upper
 162 100
 127 42.2 30.7 46.1
 164 33.1 27.6 41.4

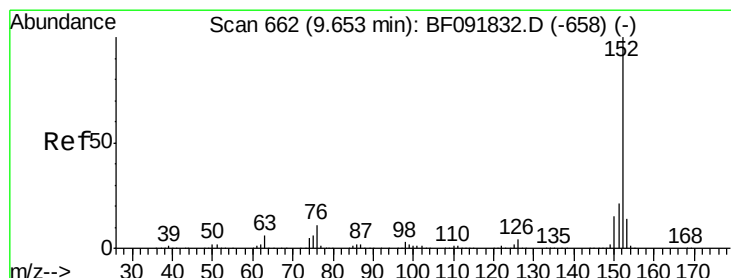
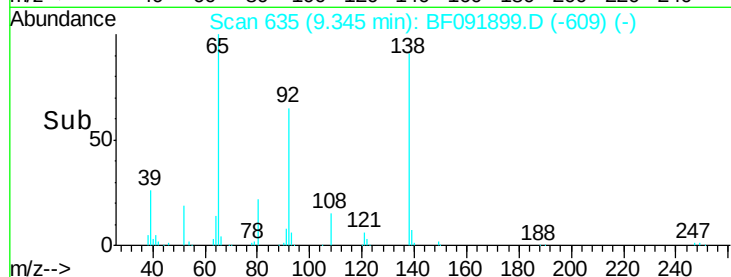
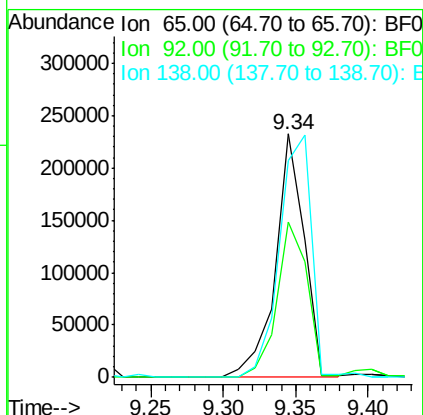
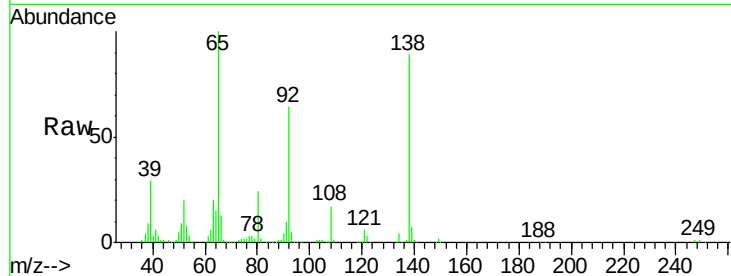




#47
2-Nitroaniline
Concen: 39.48 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

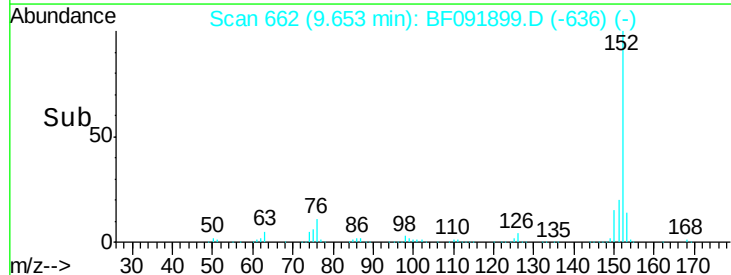
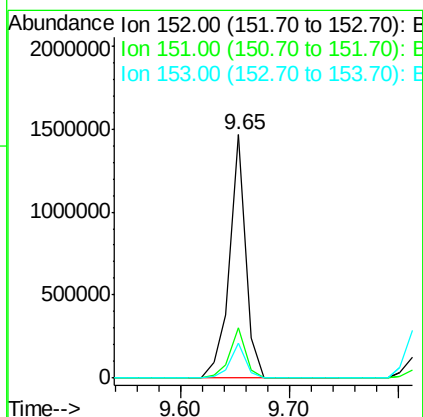
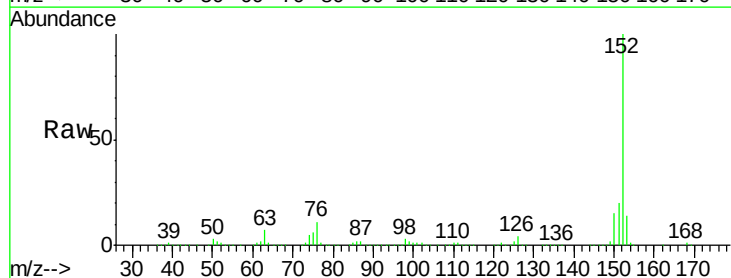
Instrument :
BNA_F
ClientSampleId :
PB95563BS

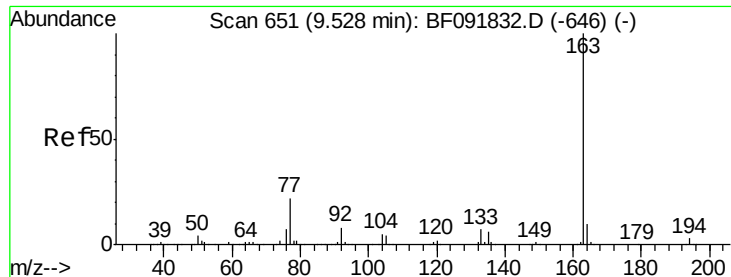
Tgt Ion: 65 Resp: 318331
Ion Ratio Lower Upper
65 100
92 63.7 53.9 80.9
138 89.2 76.8 115.2



#48
Acenaphthylene
Concen: 43.16 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion: 152 Resp: 1503355
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.4 11.4 17.2

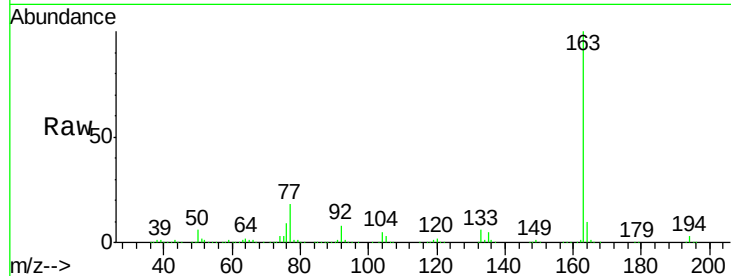




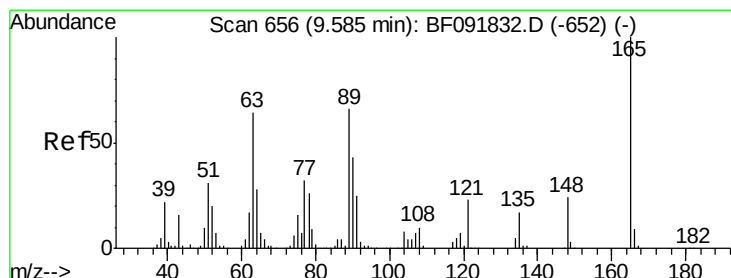
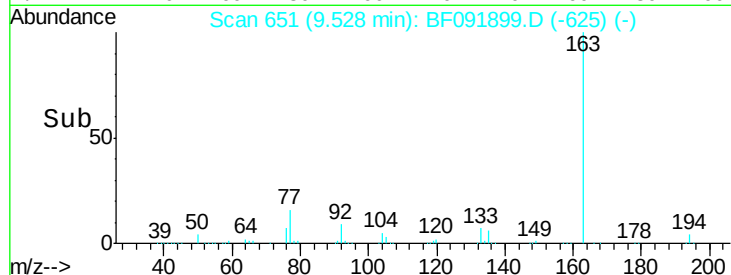
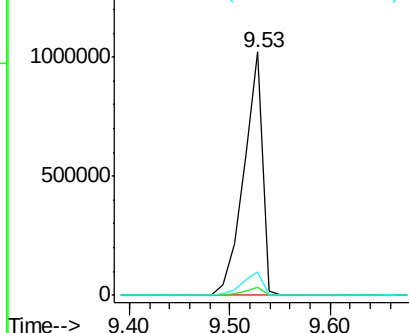
#49
Dimethylphthalate
Concen: 48.83 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion:163 Resp: 1304542
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.8 8.0 12.0

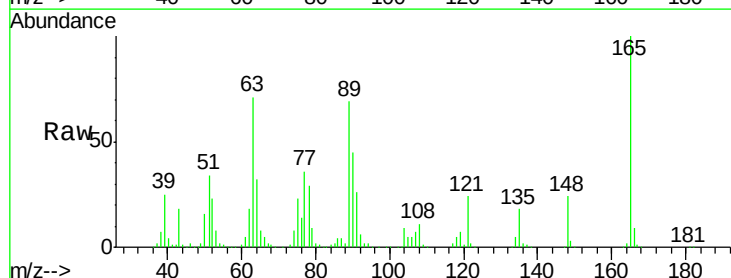


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

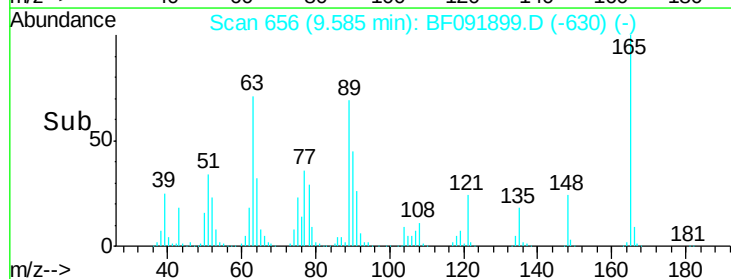
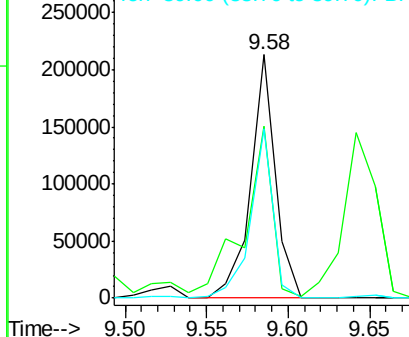


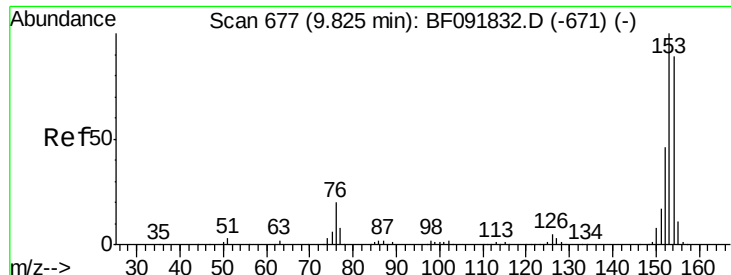
#50
2,6-Dinitrotoluene
Concen: 38.48 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:165 Resp: 224984
Ion Ratio Lower Upper
165 100
63 70.8 36.2 54.4#
89 69.4 40.2 60.4#



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

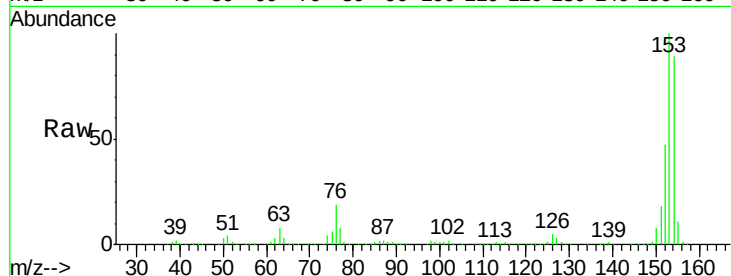




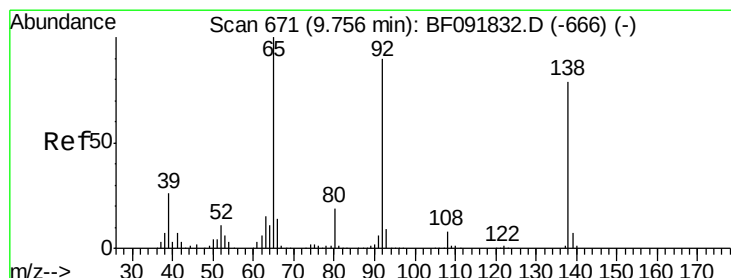
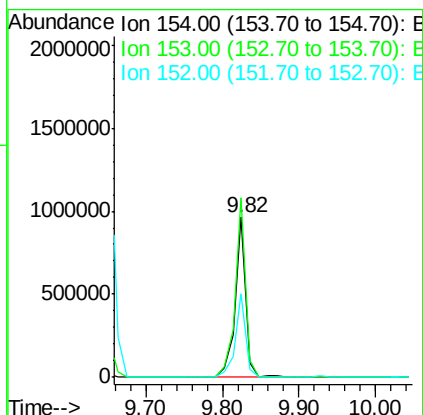
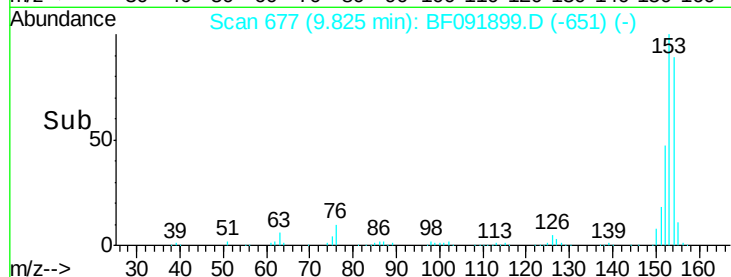
#51
Acenaphthene
Concen: 40.43 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Instrument :
BNA_F
ClientSampleId :
PB95563BS

Tgt Ion:154 Resp: 954646
Ion Ratio Lower Upper
154 100
153 111.8 88.6 133.0
152 52.1 41.6 62.4

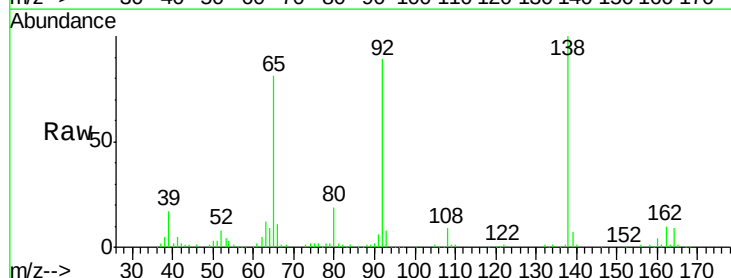


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

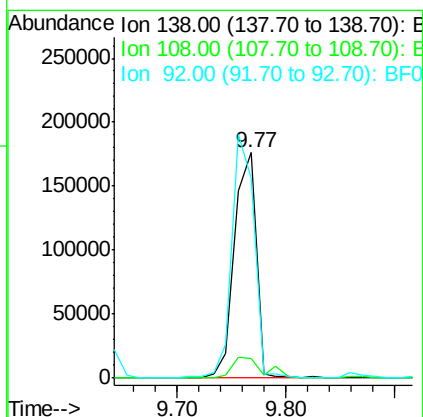
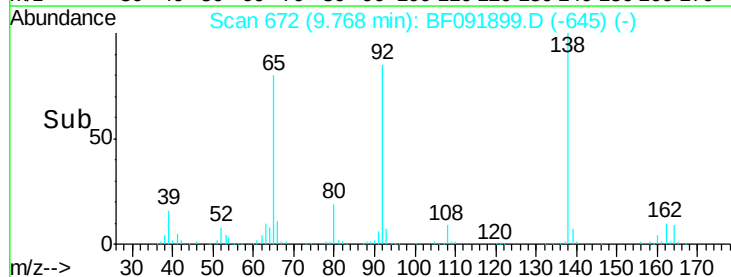


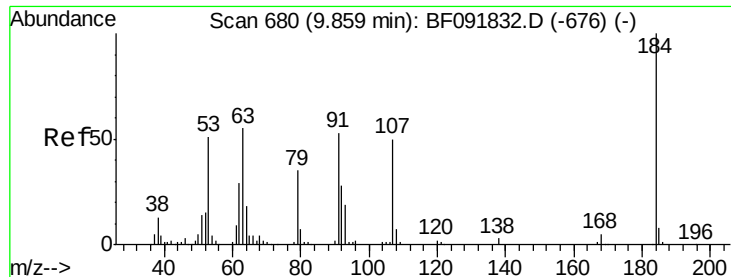
#52
3-Nitroaniline
Concen: 33.41 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:138 Resp: 241717
Ion Ratio Lower Upper
138 100
108 8.7 8.5 12.7
92 89.2 97.8 146.8#



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

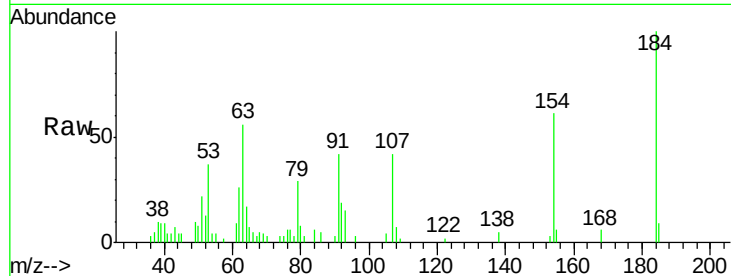




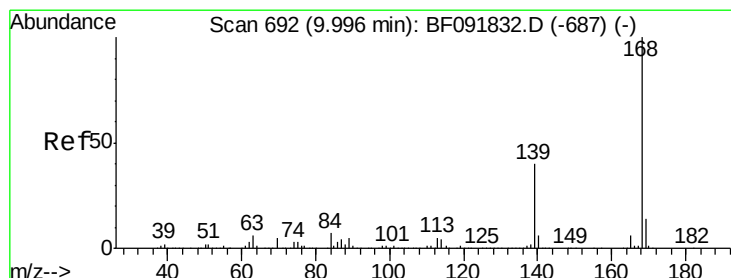
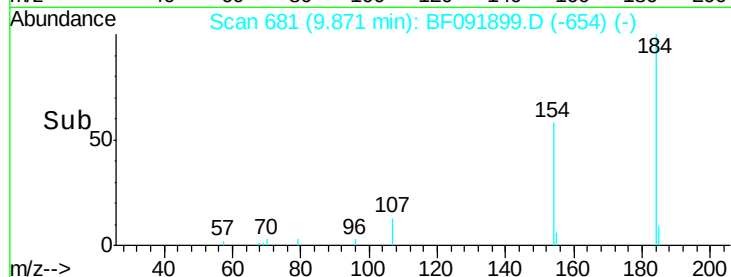
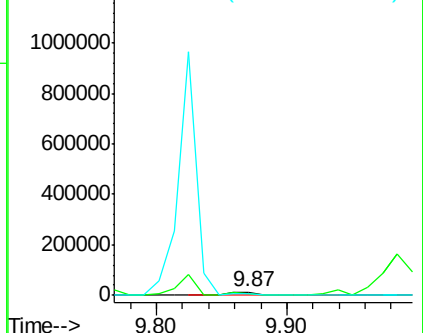
#53
 2,4-Dinitrophenol
 Concen: 6.75 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tgt Ion:184 Resp: 21946
 Ion Ratio Lower Upper
 184 100
 63 55.5 28.4 42.6#
 154 61.3 44.3 66.5

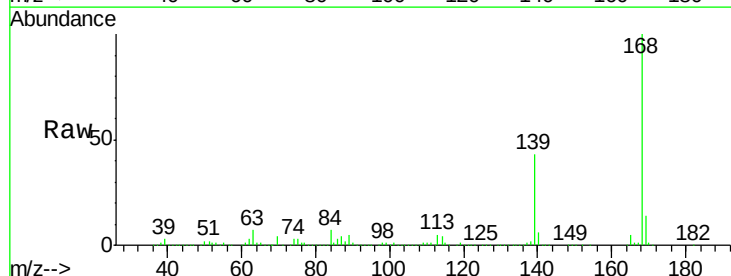


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

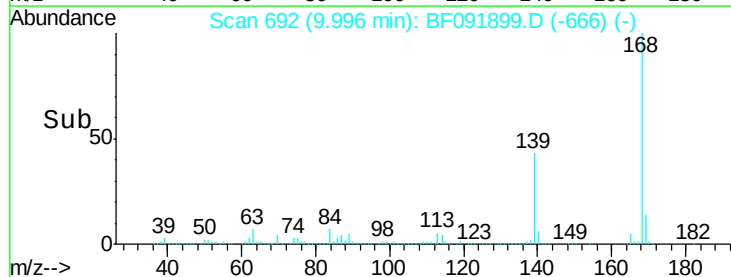
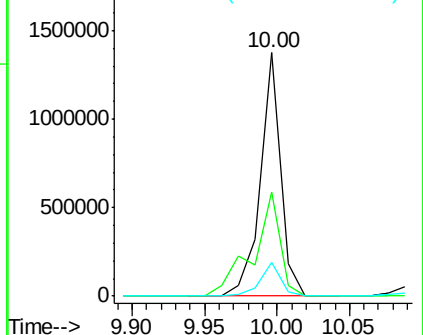


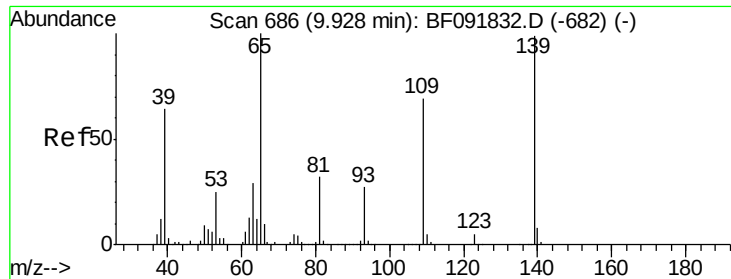
#54
 Dibenzofuran
 Concen: 41.78 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:168 Resp: 1332459
 Ion Ratio Lower Upper
 168 100
 139 42.7 32.6 49.0
 169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 158.56 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.07 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

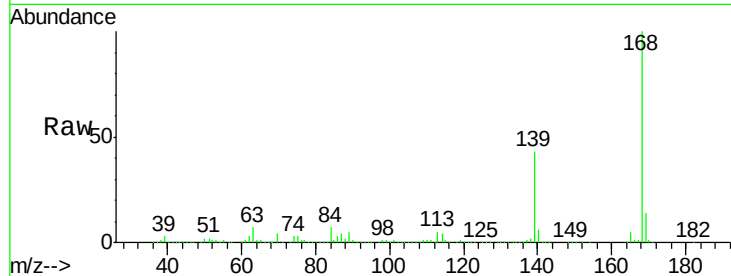
Tgt Ion:139 Resp: 778998

Ion Ratio Lower Upper

139 100

109 1.9 52.2 92.2#

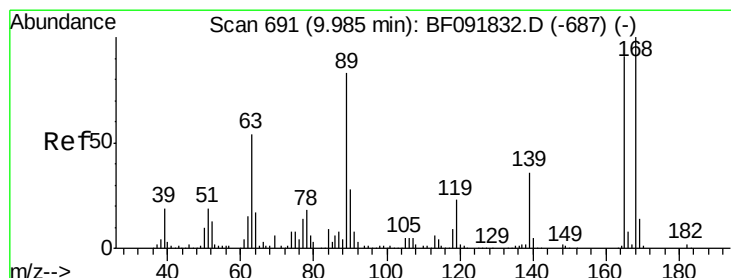
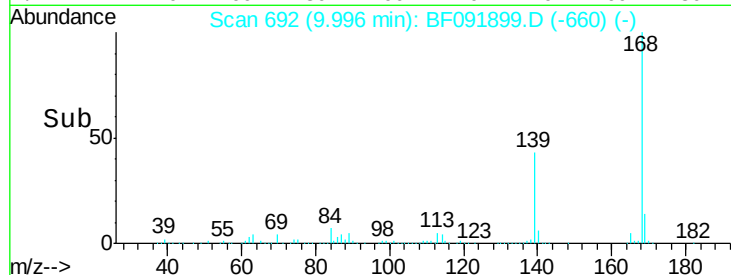
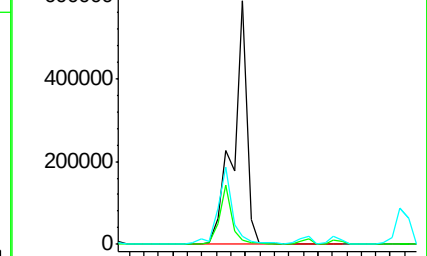
65 3.1 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.20 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:165 Resp: 250965

Ion Ratio Lower Upper

165 100

63 68.5 40.2 60.4#

89 93.1 62.5 93.7

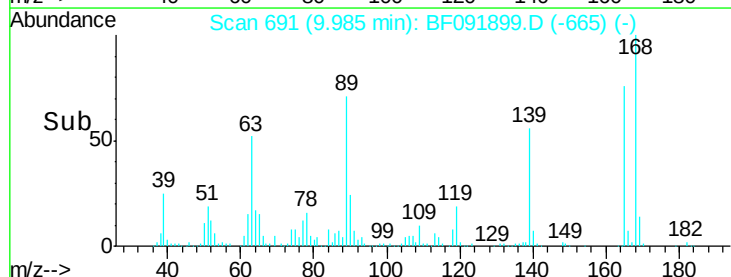
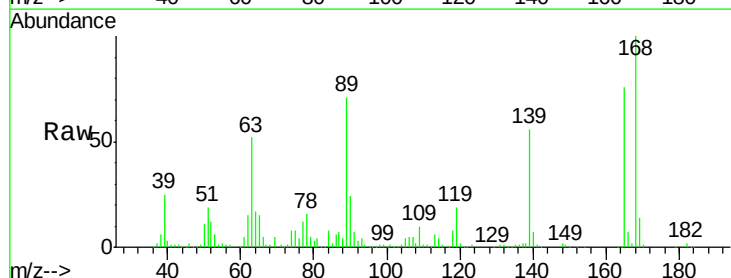
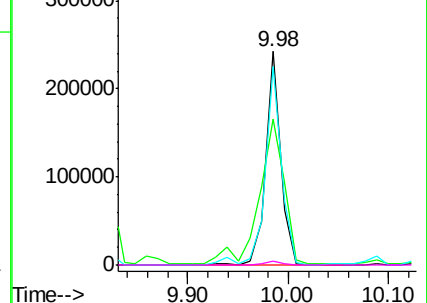
182 2.1 1.8 2.8

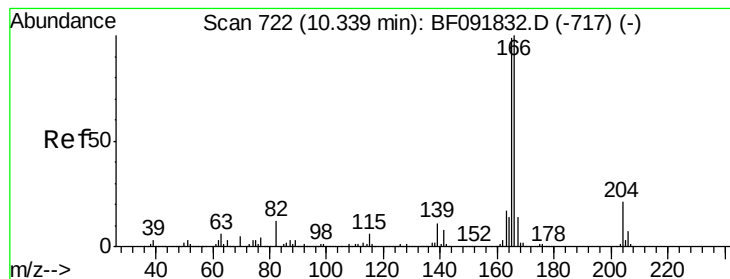
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.23 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

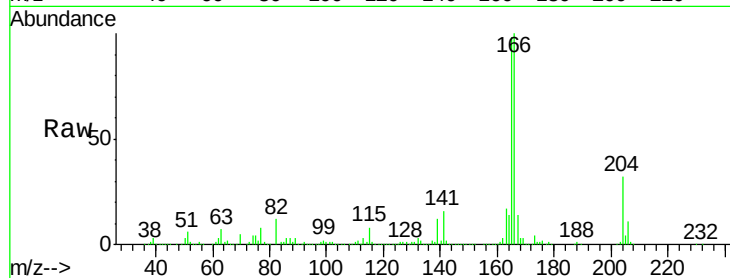
Tgt Ion:166 Resp: 1002908

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

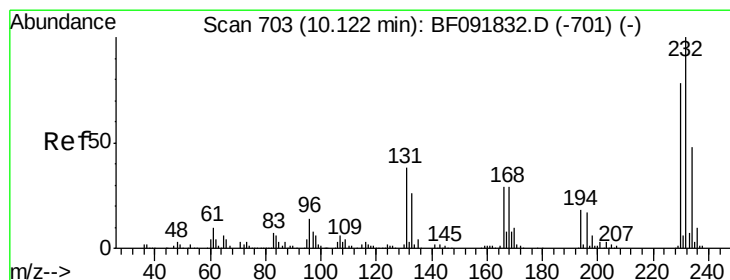
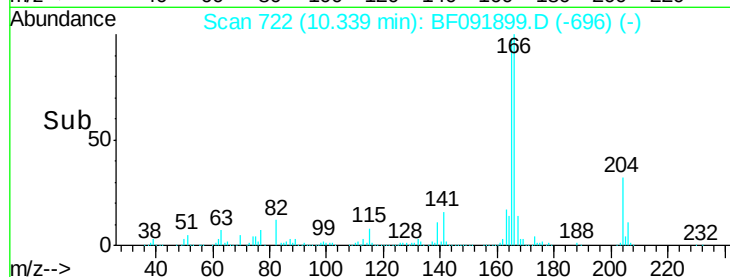
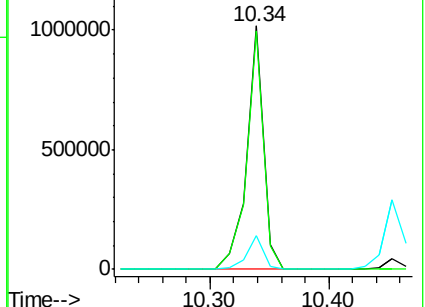
167 13.7 10.8 16.2



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: 35.22 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion:232 Resp: 211557

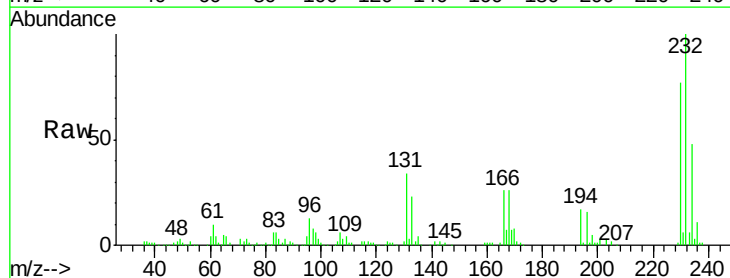
Ion Ratio Lower Upper

232 100

131 49.0 40.1 60.1

130 2.3 1.8 2.8

166 32.3 26.6 39.8

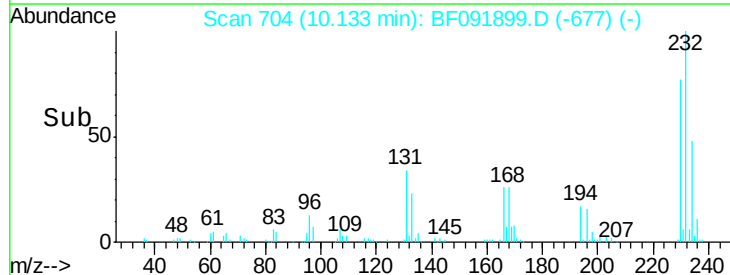
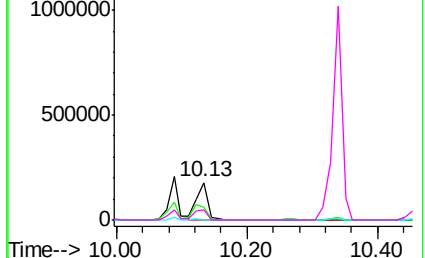


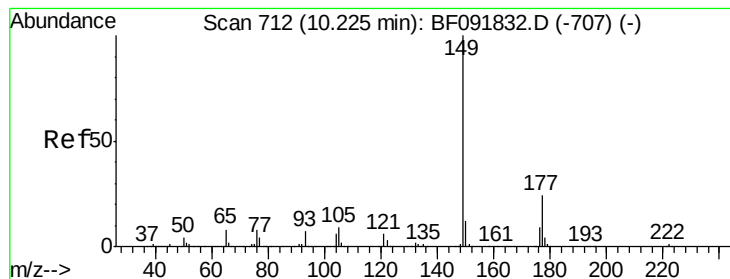
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.71 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

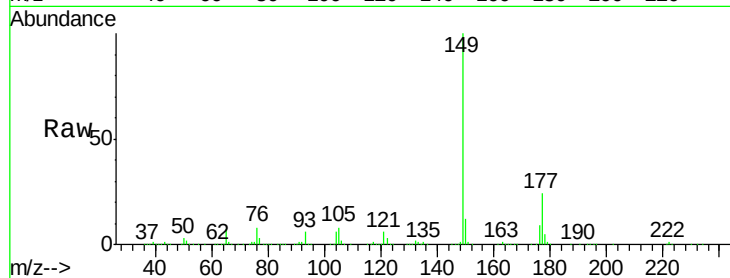
Tgt Ion:149 Resp: 1263697

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

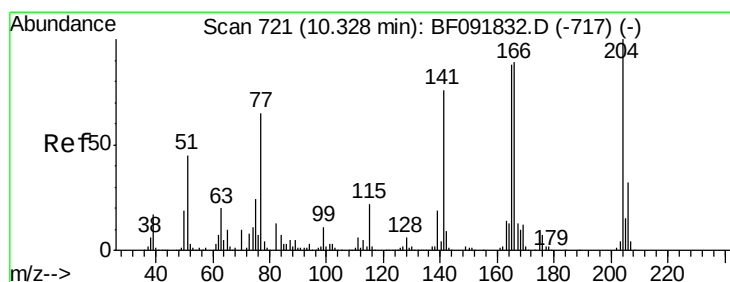
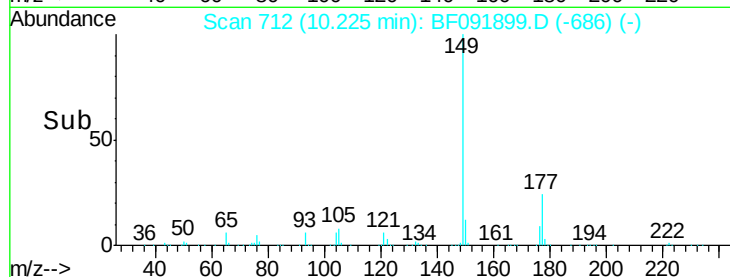
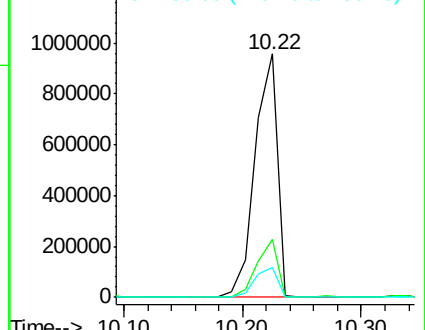
150 12.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.61 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

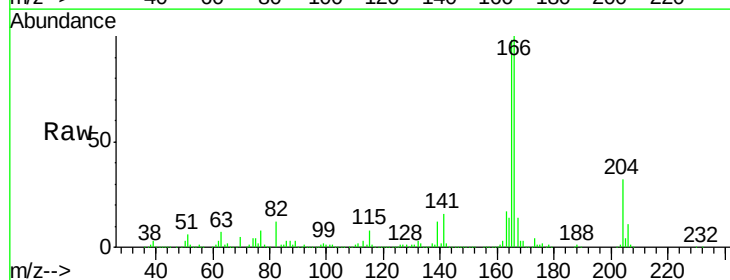
Tgt Ion:204 Resp: 473534

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

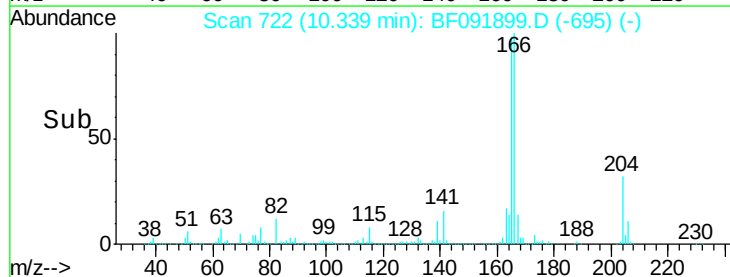
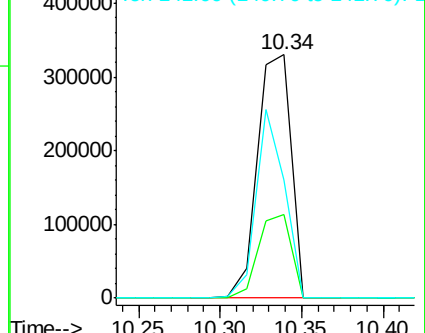
141 48.5 59.4 89.0#

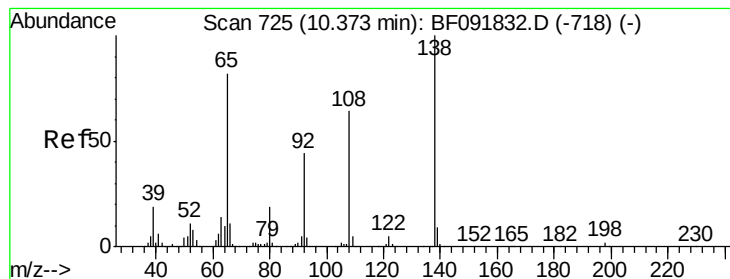


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.47 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

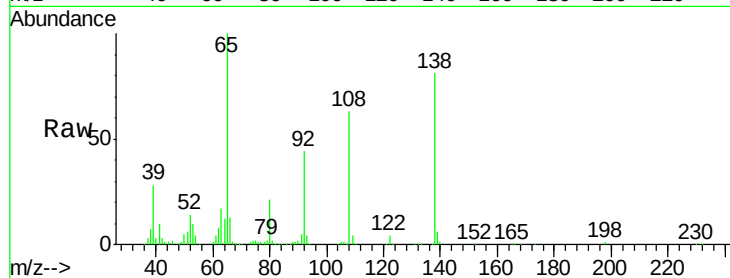
Tgt Ion:138 Resp: 228484

Ion Ratio Lower Upper

138 100

92 54.3 31.7 71.7

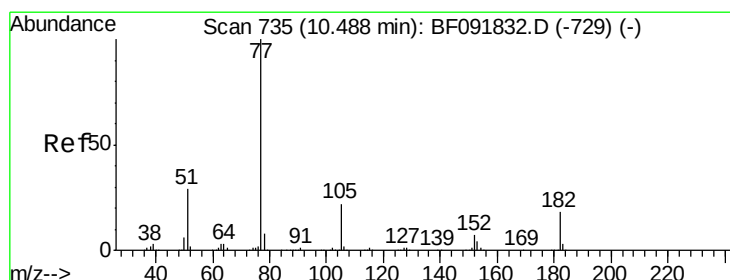
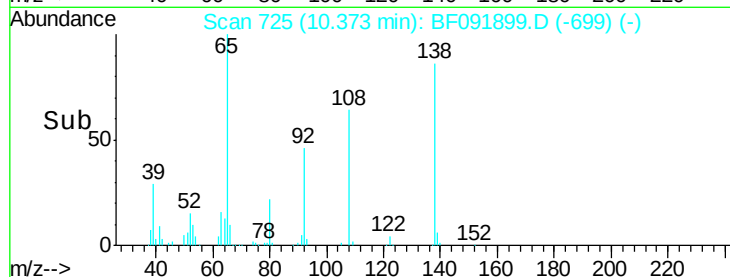
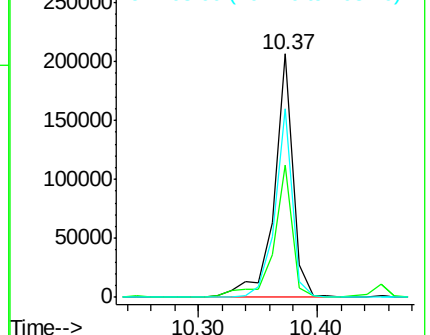
108 77.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.06 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Tgt Ion: 77 Resp: 1229898

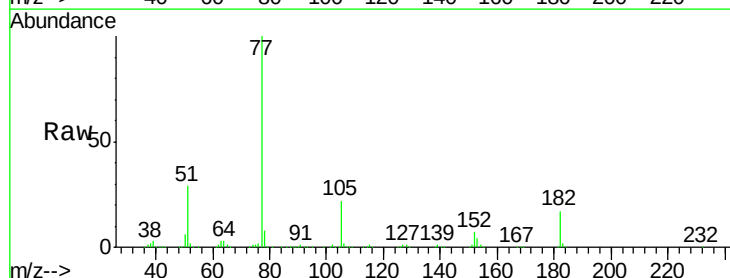
Ion Ratio Lower Upper

77 100

182 17.5 0.0 39.3

105 21.5 2.3 42.3

51 29.4 8.9 48.9

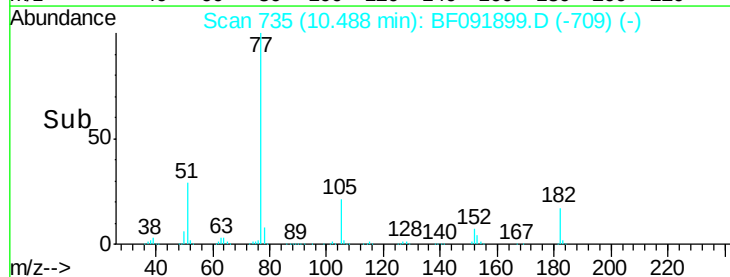
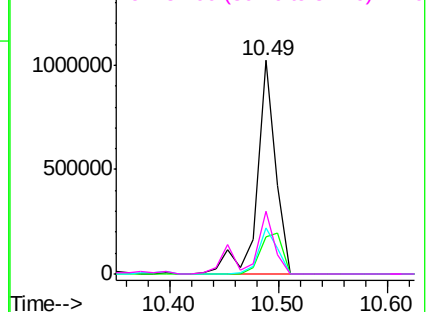


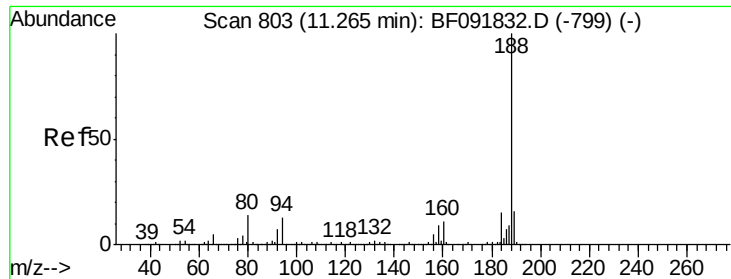
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

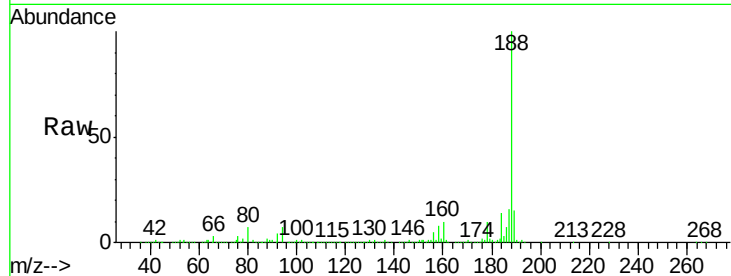
Tgt Ion:188 Resp: 612931

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

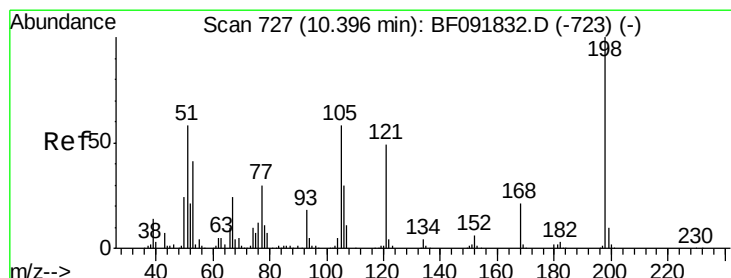
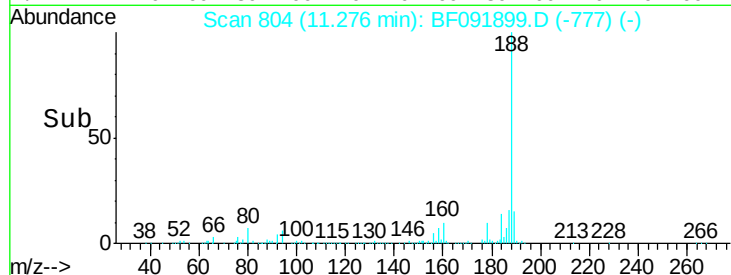
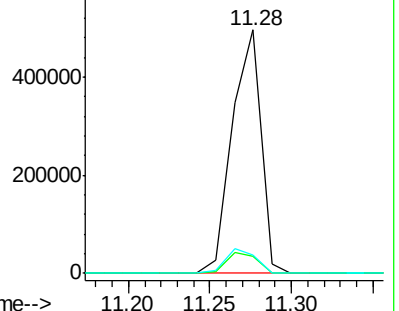
80 7.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.30 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

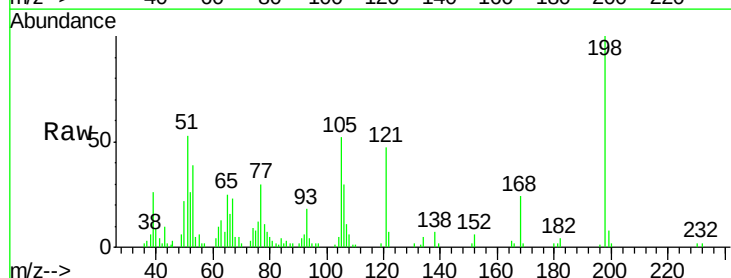
Tgt Ion:198 Resp: 27054

Ion Ratio Lower Upper

198 100

51 53.5 6.7 46.7#

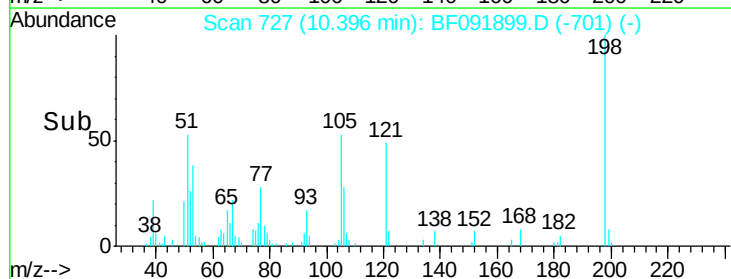
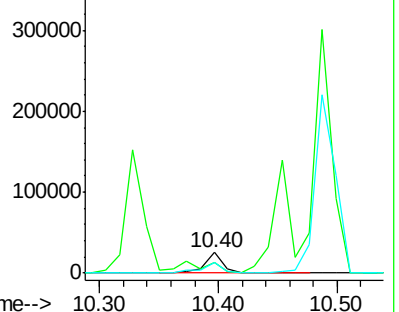
105 52.4 16.6 56.6

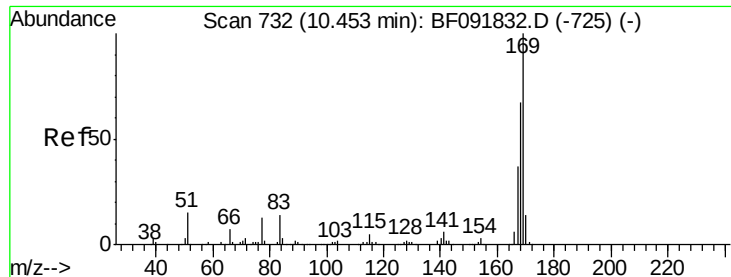


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.31 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

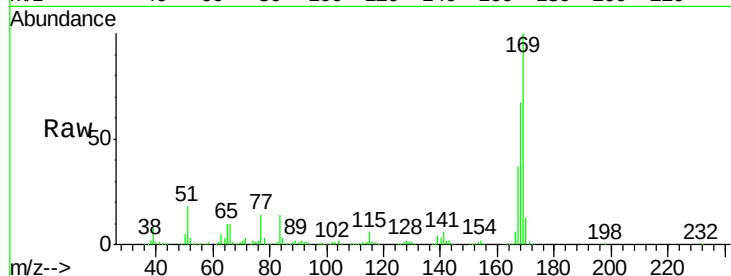
Tgt Ion:169 Resp: 878592

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

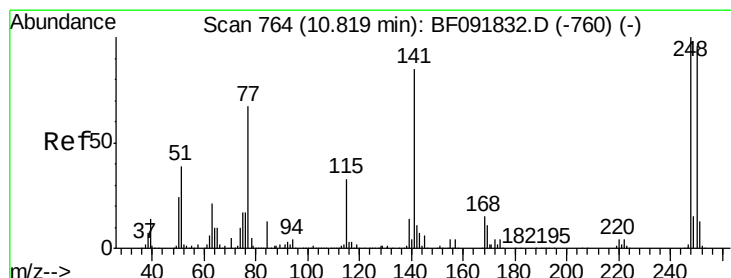
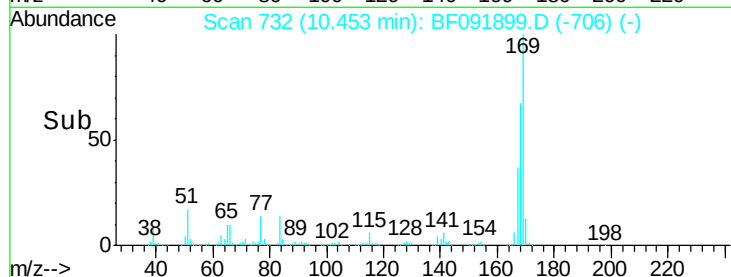
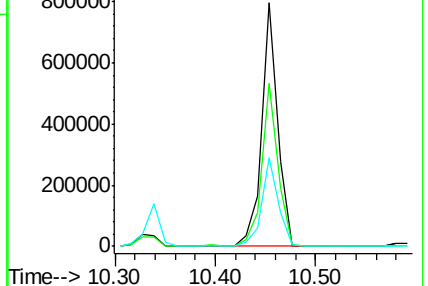
167 36.7 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.11 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

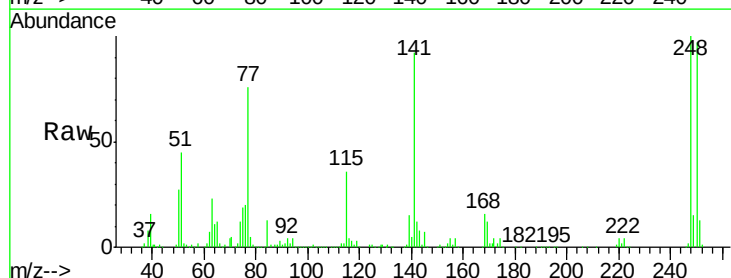
Tgt Ion:248 Resp: 293968

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

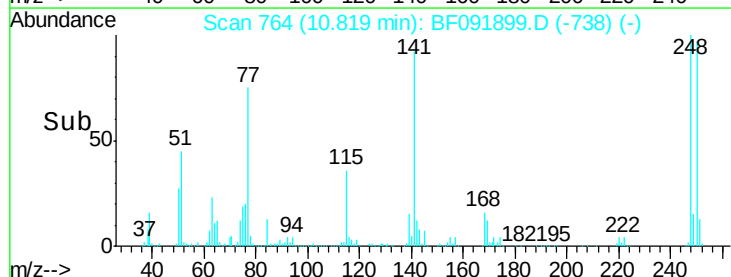
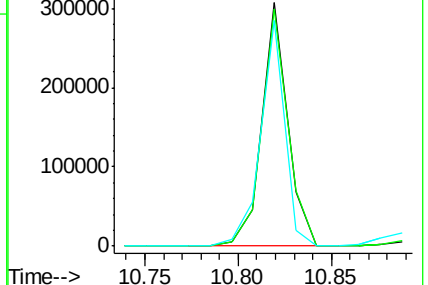
141 92.4 68.2 102.4

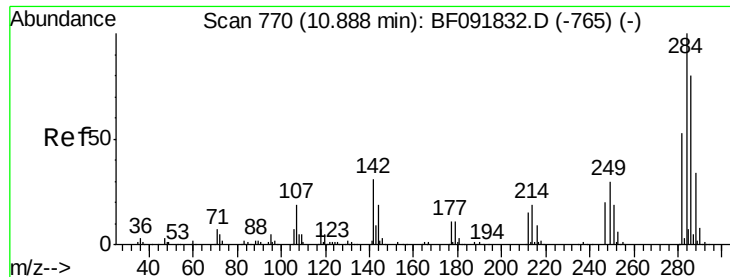


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.20 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

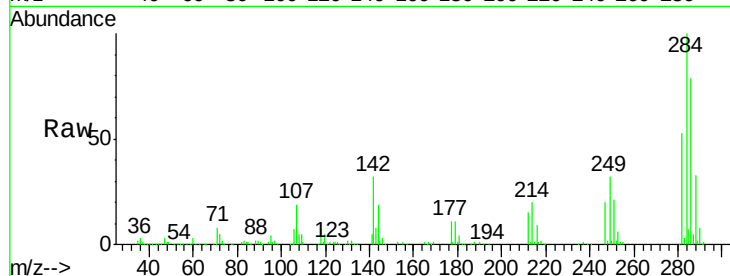
Tgt Ion:284 Resp: 314849

Ion Ratio Lower Upper

284 100

142 31.7 22.6 33.8

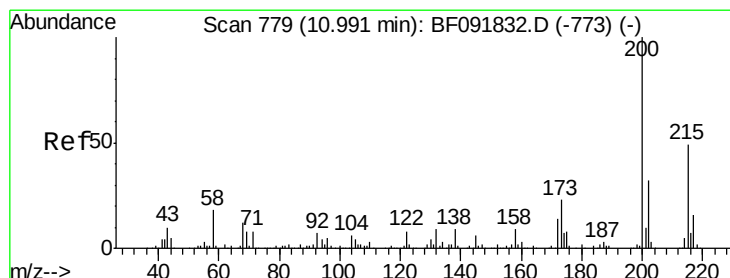
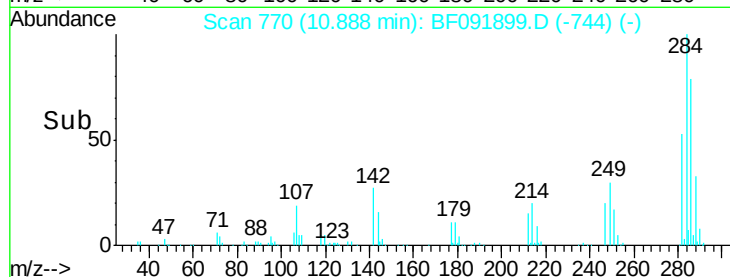
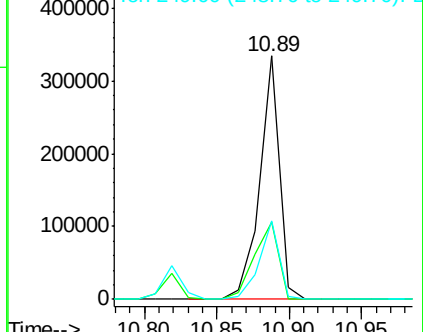
249 32.3 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.27 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

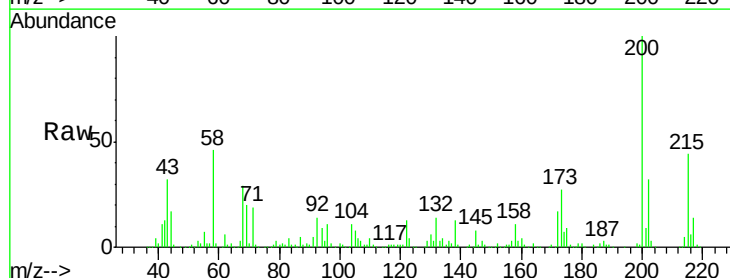
Tgt Ion:200 Resp: 306673

Ion Ratio Lower Upper

200 100

173 26.7 9.6 49.6

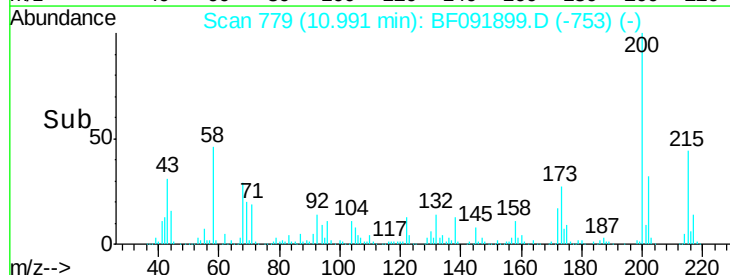
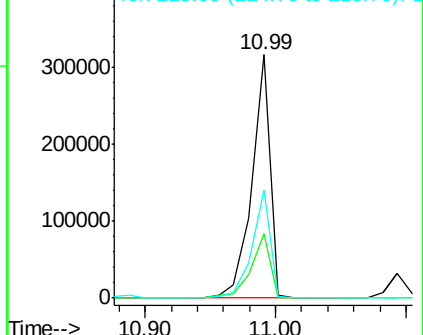
215 44.1 25.7 65.7

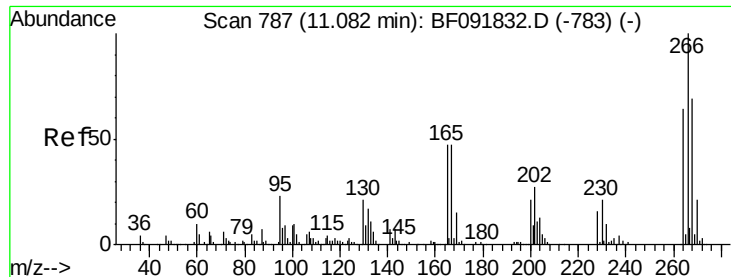


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

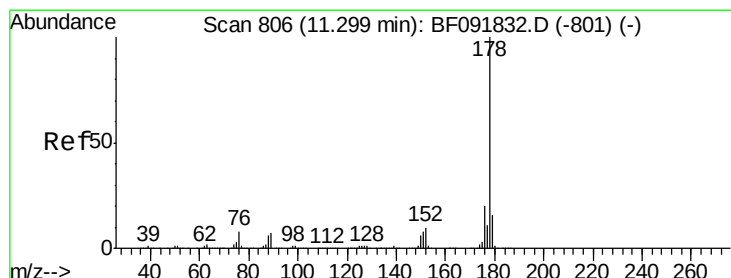
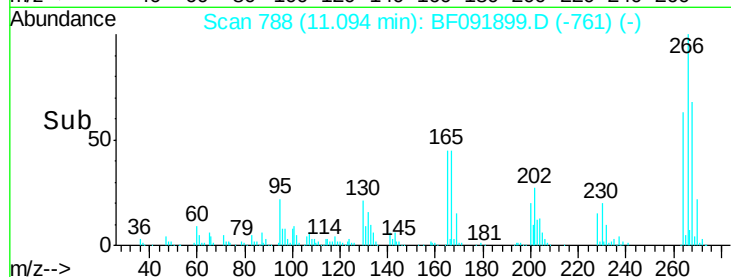
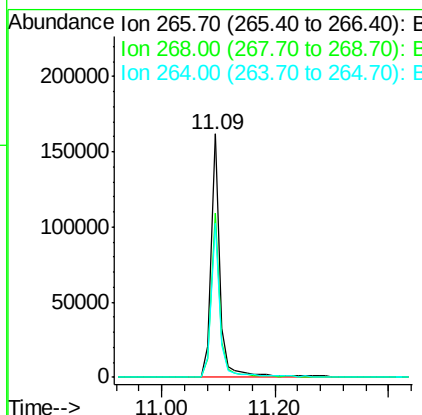
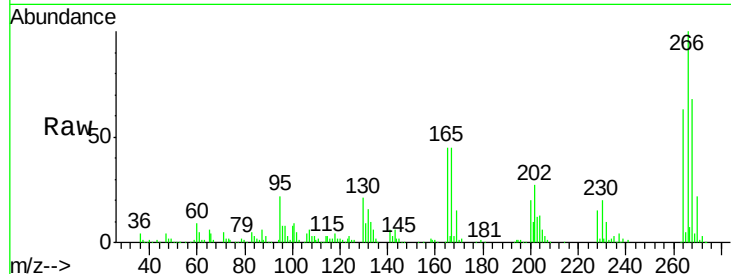




#69
 Pentachlorophenol
 Concen: 51.23 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

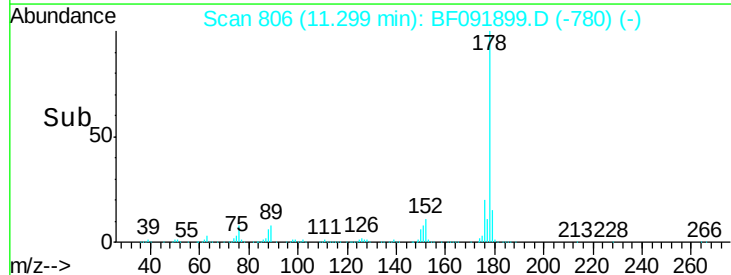
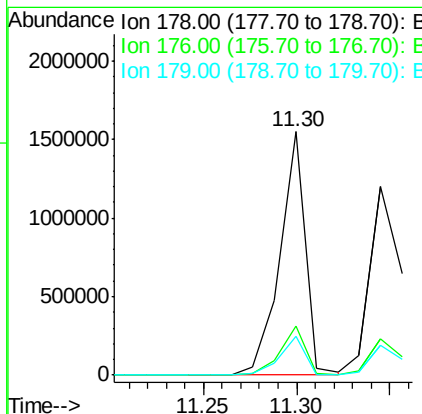
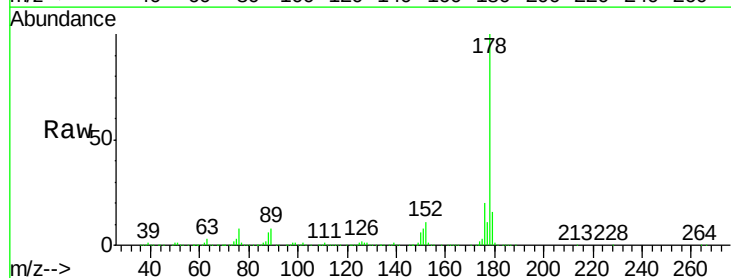
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

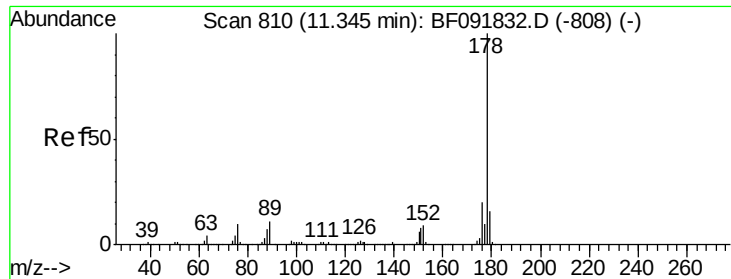
Tgt Ion:266 Resp: 171298
 Ion Ratio Lower Upper
 266 100
 268 67.5 53.3 79.9
 264 63.2 50.3 75.5



#70
 Phenanthrene
 Concen: 44.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:178 Resp: 1468660
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.8 12.8 19.2

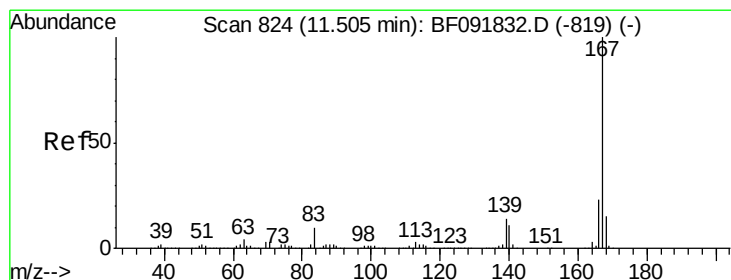
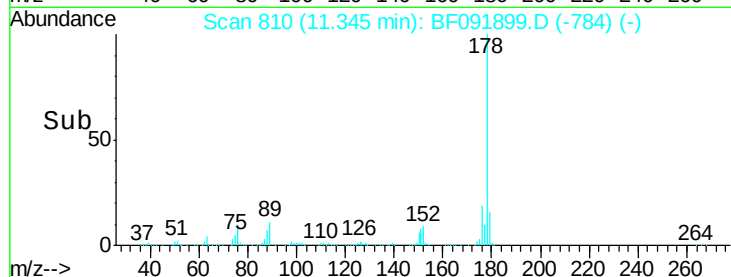
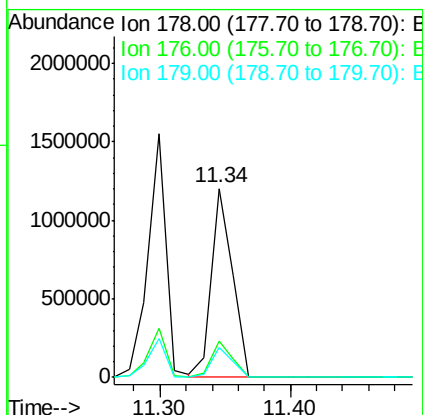
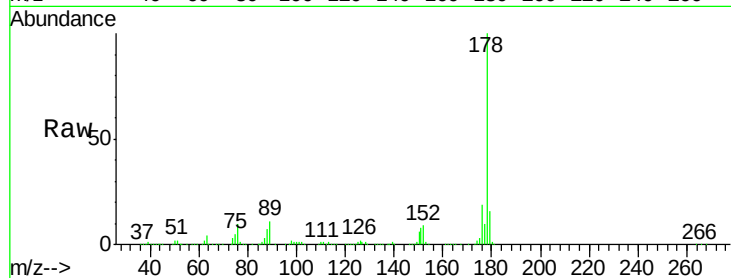




#71
 Anthracene
 Concen: 47.05 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

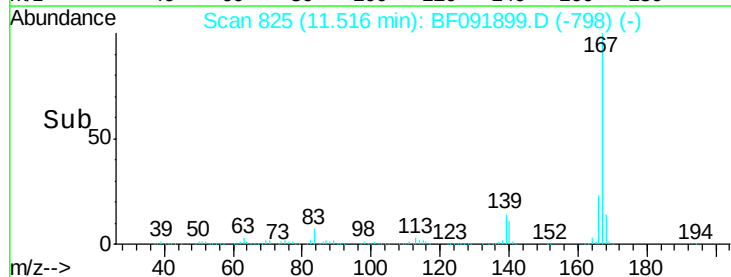
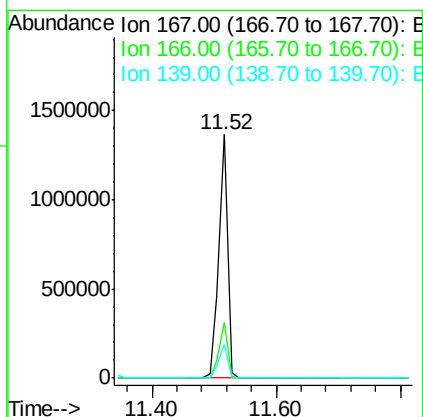
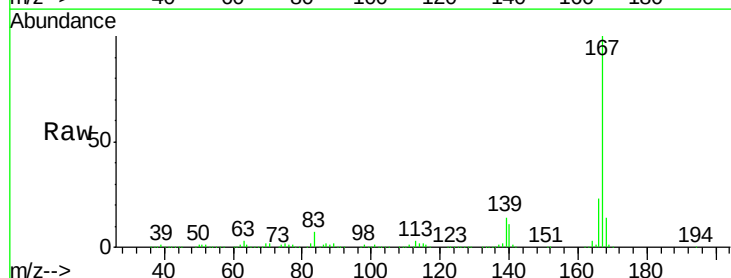
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

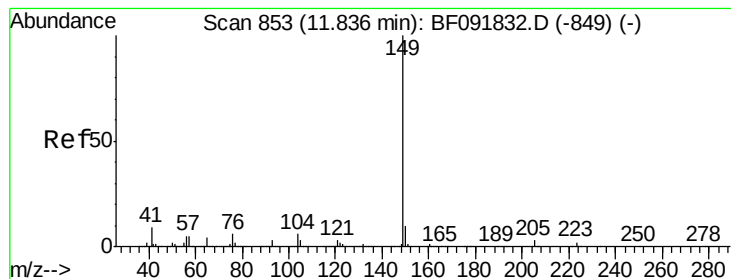
Tgt Ion:178 Resp: 1365011
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 50.21 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:167 Resp: 1303319
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 56.49 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

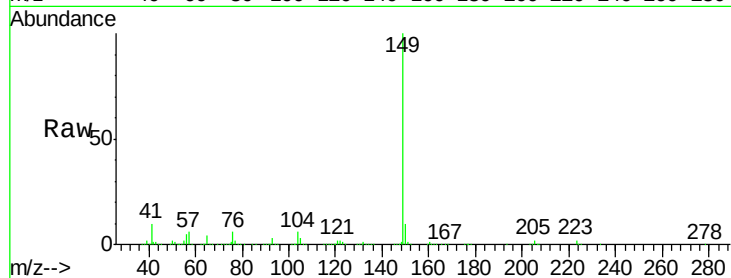
Tgt Ion:149 Resp: 1746147

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

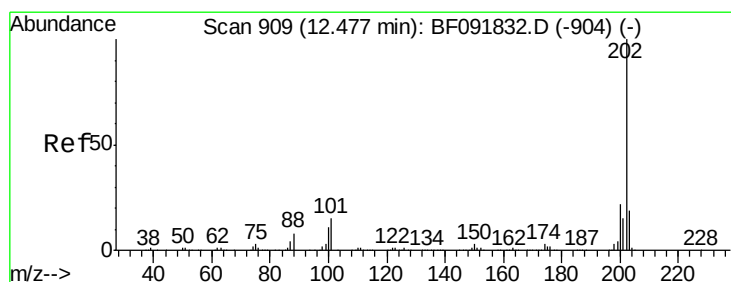
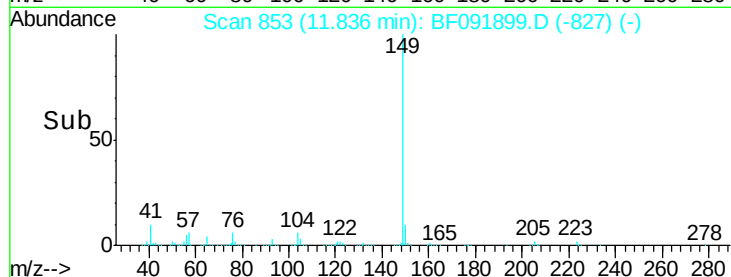
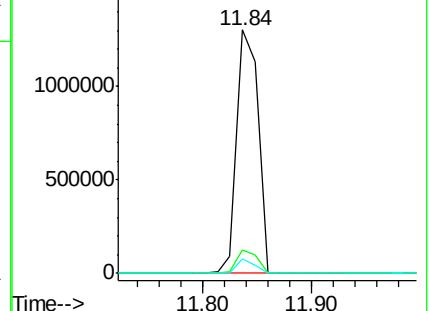
104 5.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.22 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

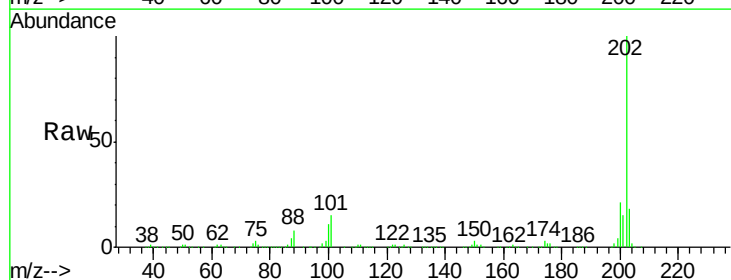
Tgt Ion:202 Resp: 1397944

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

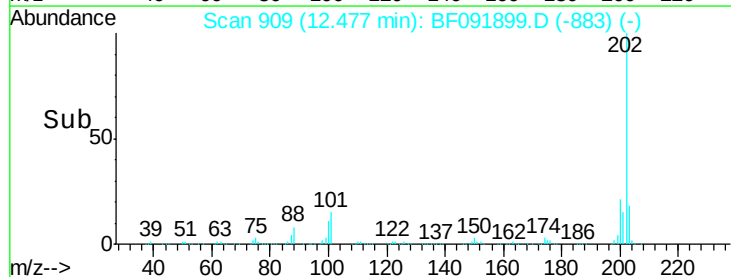
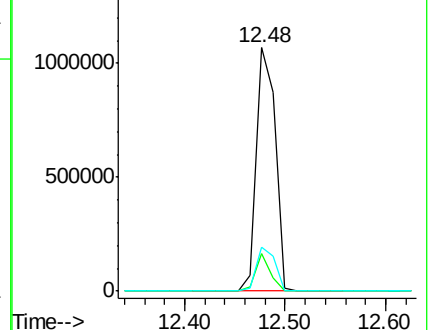
203 17.9 0.0 38.7

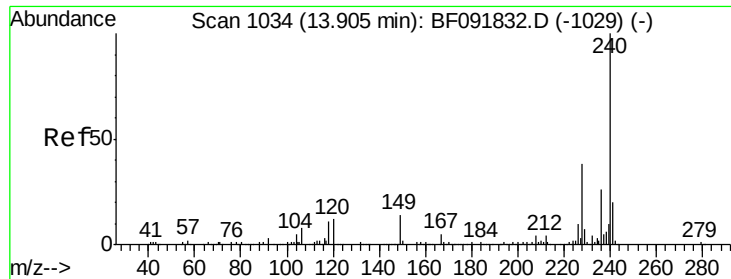


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

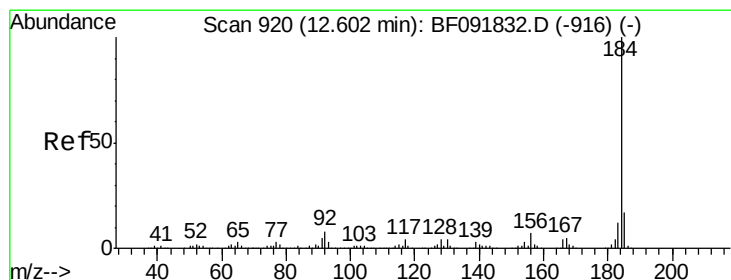
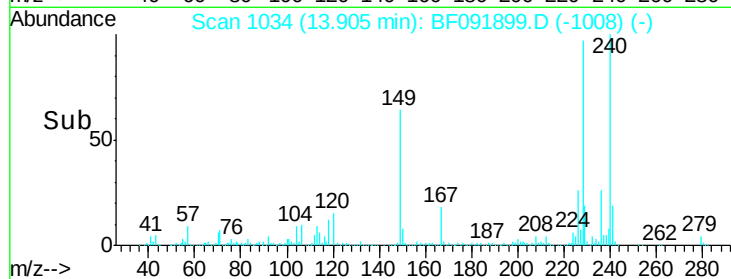
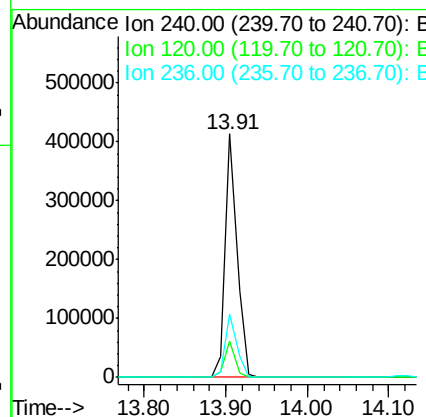
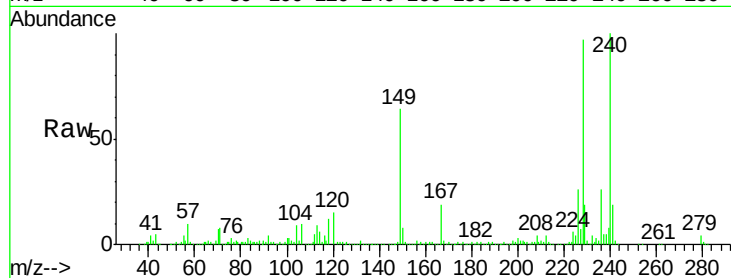




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

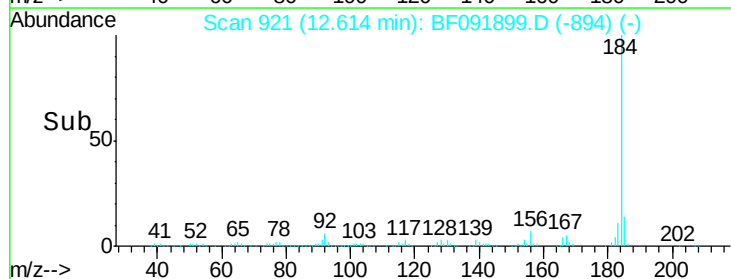
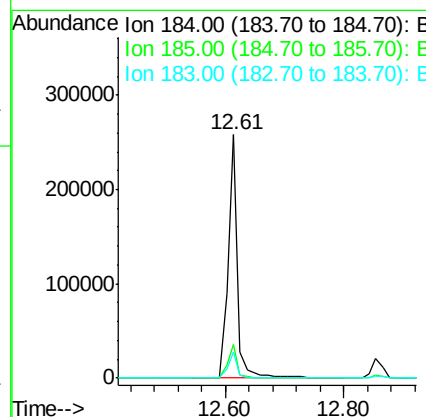
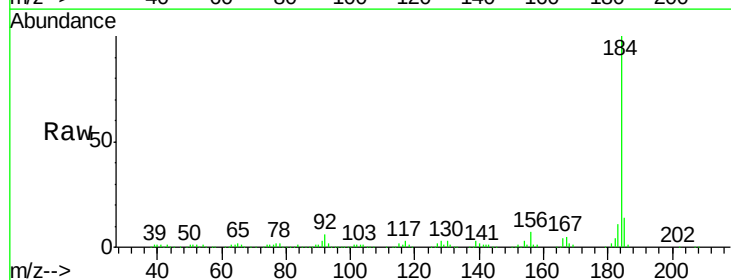
Instrument :
BNA_F
ClientSampleId :
PB95563BS

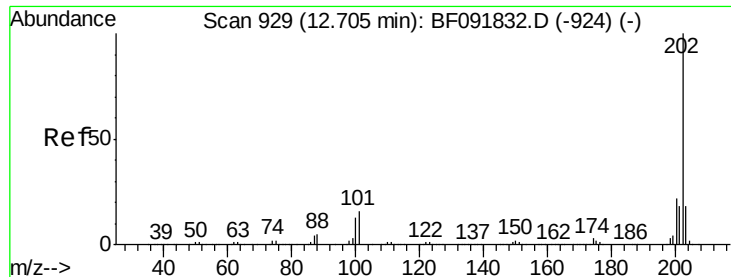
Tgt Ion:240 Resp: 415526
Ion Ratio Lower Upper
240 100
120 14.8 12.9 19.3
236 26.1 20.9 31.3



#76
Benzidine
Concen: 23.28 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:184 Resp: 280675
Ion Ratio Lower Upper
184 100
185 14.0 13.4 20.0
183 10.6 9.2 13.8



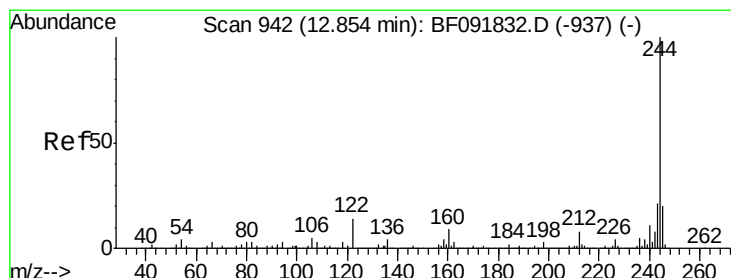
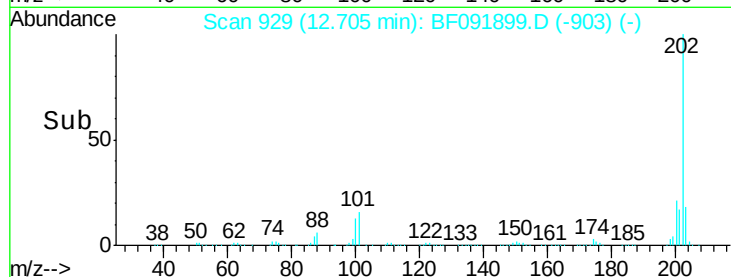
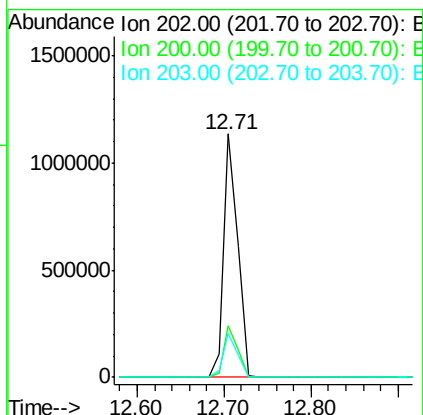
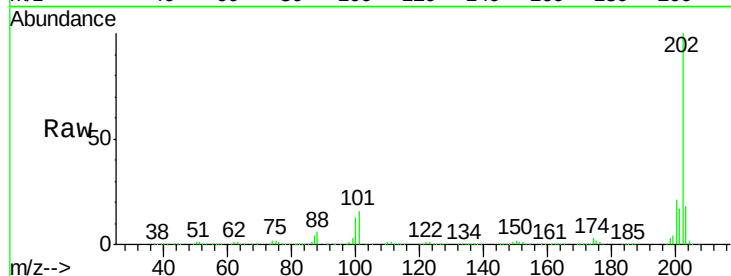


#77
 Pyrene
 Concen: 42.03 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tgt Ion: 202 Resp: 1281482

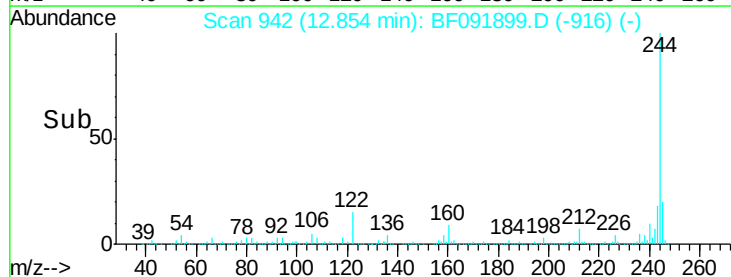
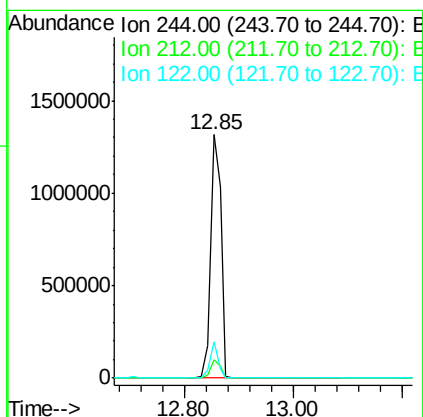
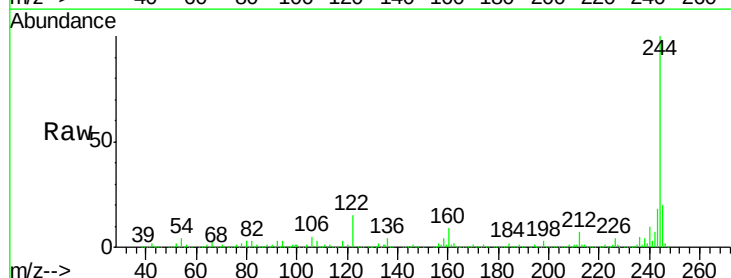
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.0	14.7	22.1

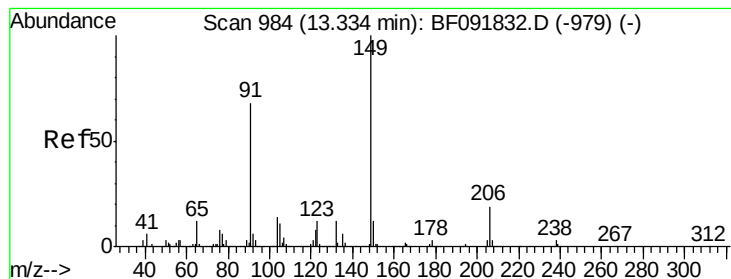


#78
 Terphenyl-d14
 Concen: 102.20 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion: 244 Resp: 1750952

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.0	11.4	17.2





#79

Butylbenzylphthalate

Concen: 49.02 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS

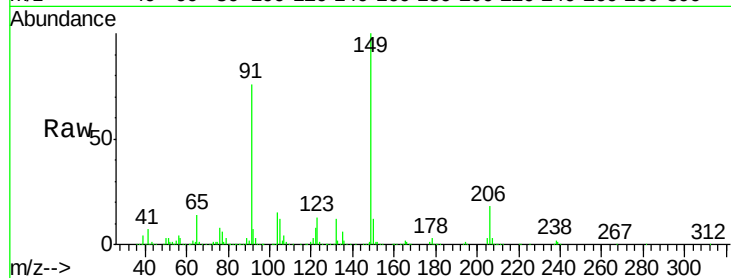
Tgt Ion:149 Resp: 679707

Ion Ratio Lower Upper

149 100

91 76.3 63.9 95.9

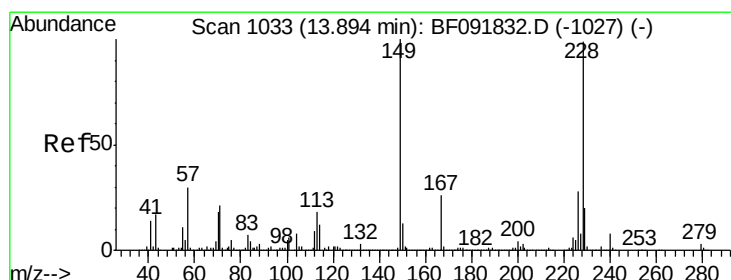
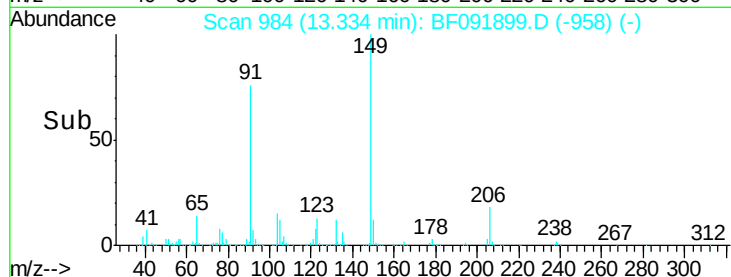
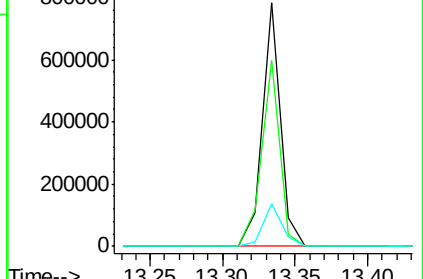
206 17.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.60 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091899.D

Acq: 22 Dec 2016 21:16

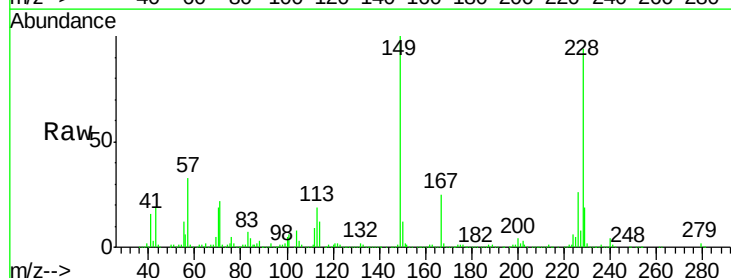
Tgt Ion:228 Resp: 1022694

Ion Ratio Lower Upper

228 100

226 27.5 22.4 33.6

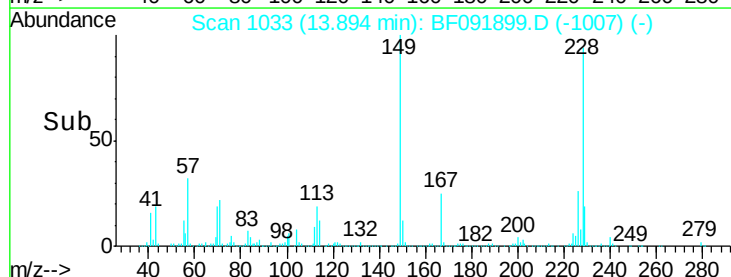
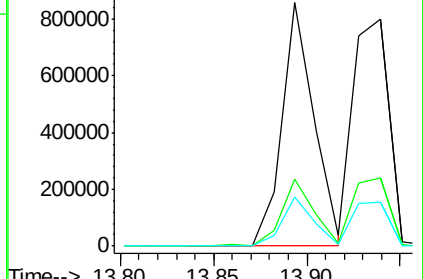
229 20.3 16.2 24.4

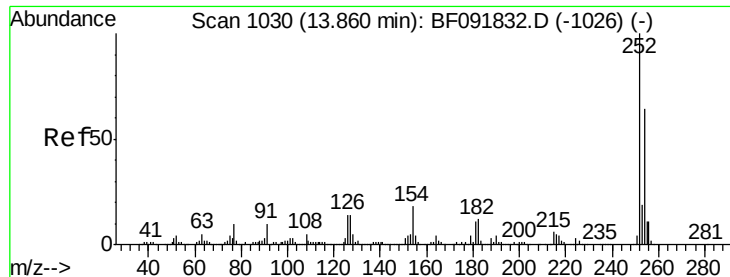


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

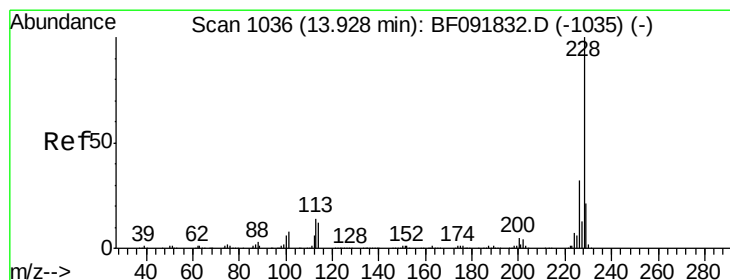
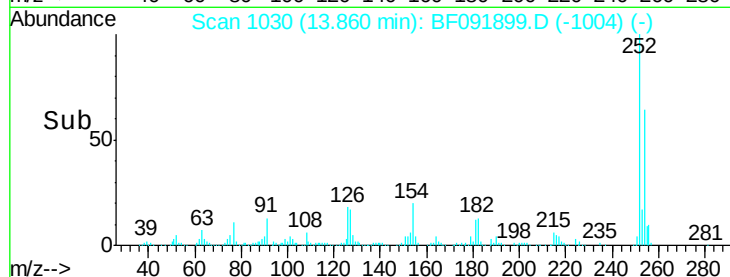
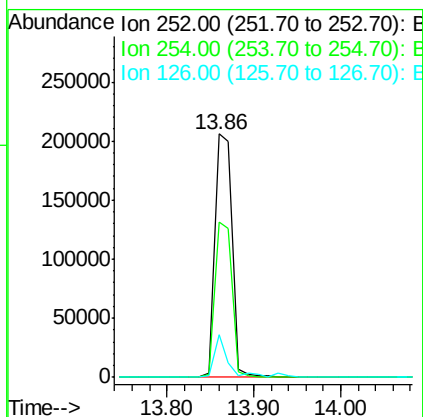
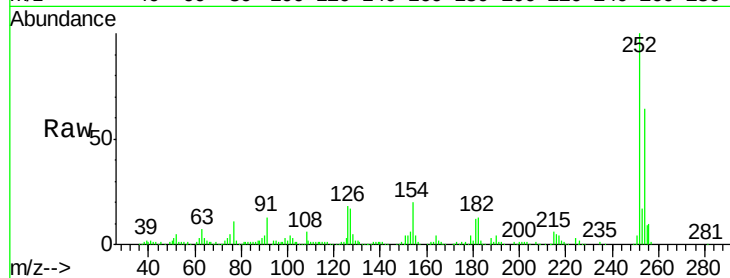




#81
 3,3'-Dichlorobenzidine
 Concen: 32.68 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

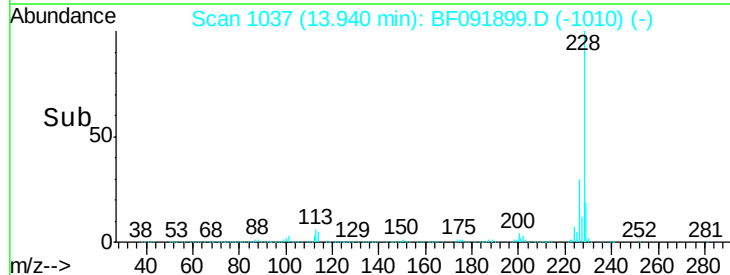
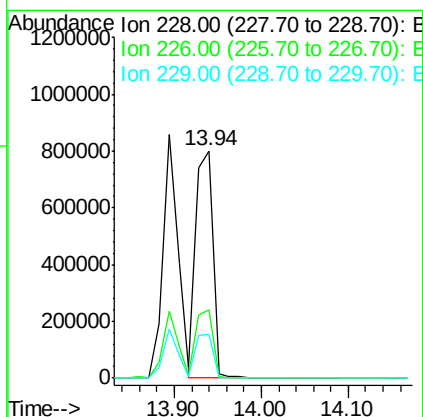
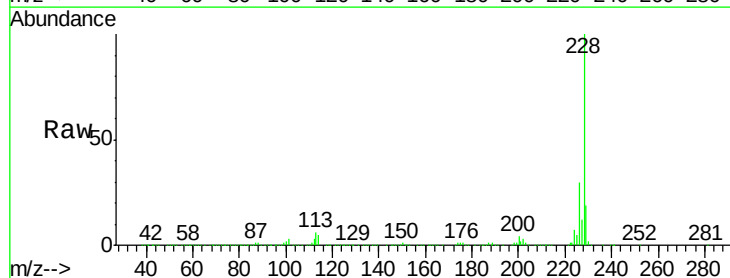
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

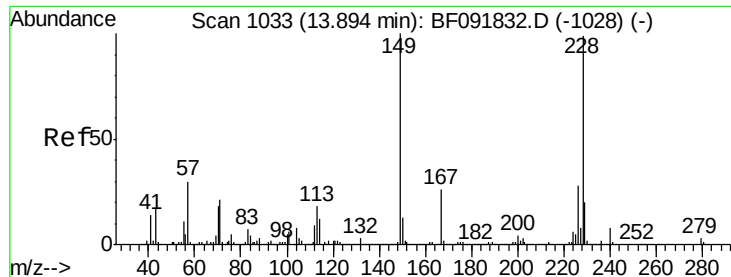
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	17.6	13.6	20.4



#82
 Chrysene
 Concen: 45.94 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	19.3	16.2	24.2

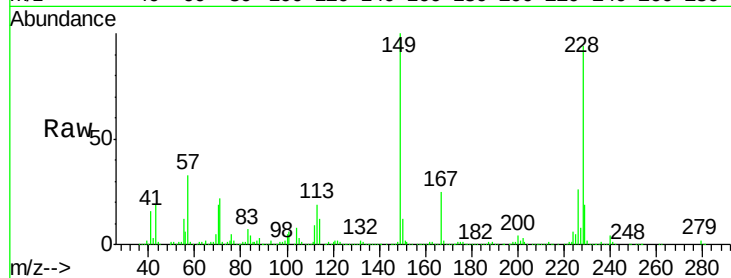




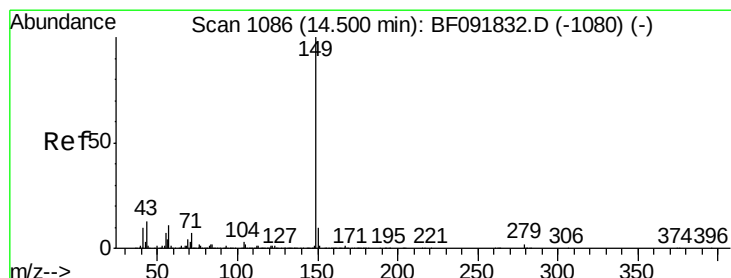
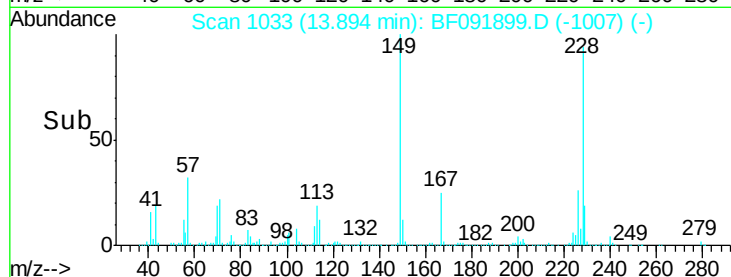
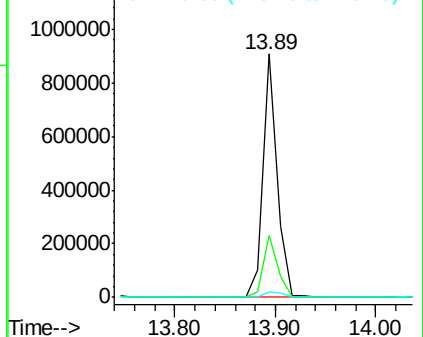
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.12 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

Tgt Ion:149 Resp: 883819
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 2.4 1.8 2.8

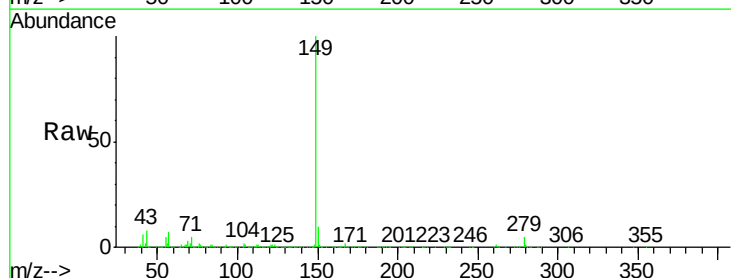


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

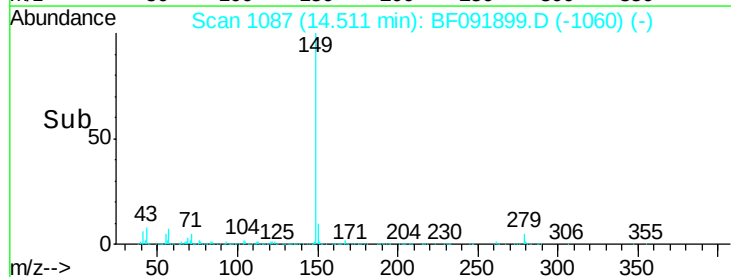
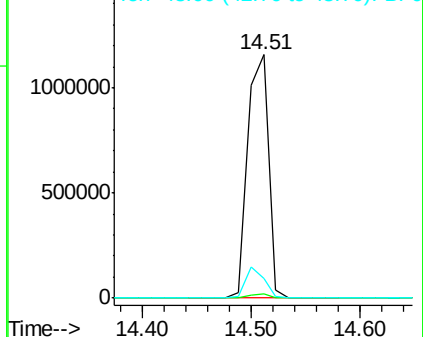


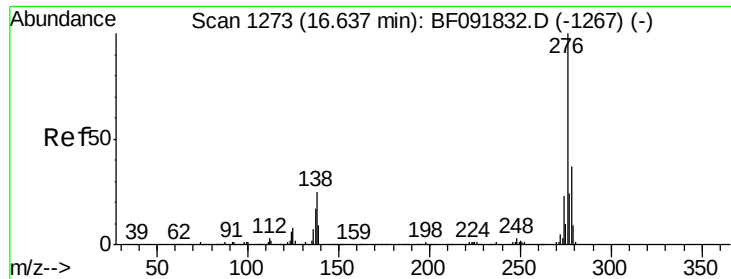
#84
 Di-n-octyl phthalate
 Concen: 50.88 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:149 Resp: 1539188
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

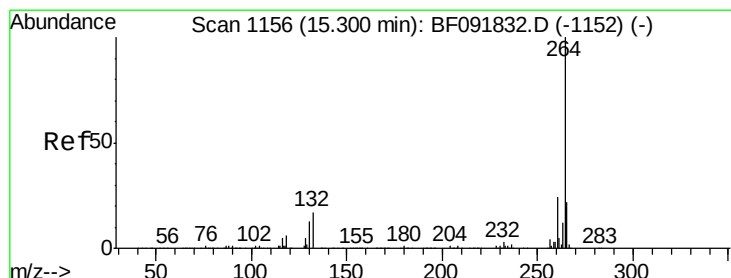
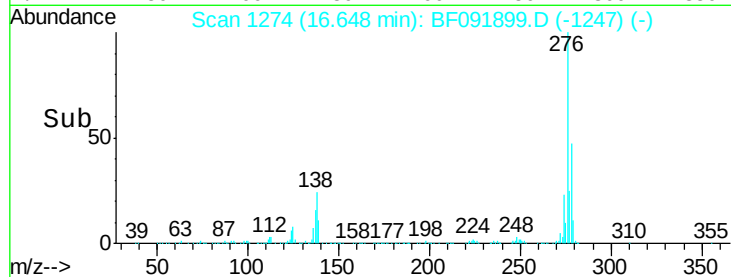
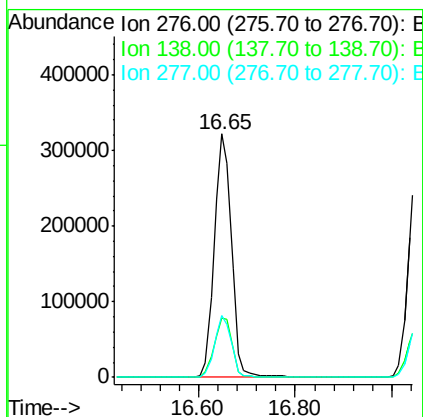
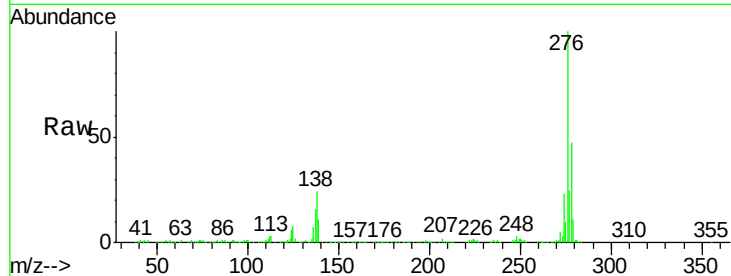




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.72 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

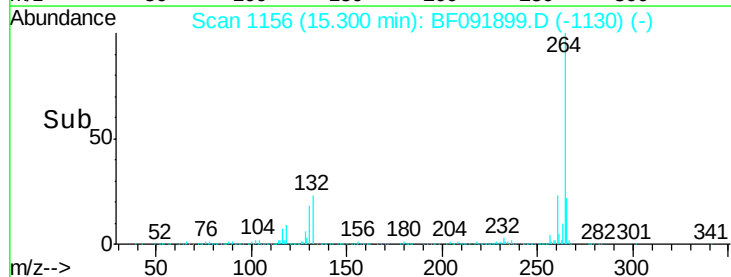
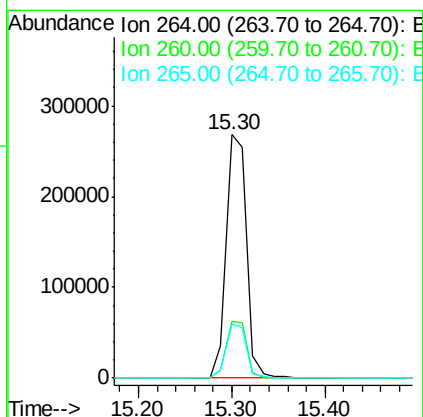
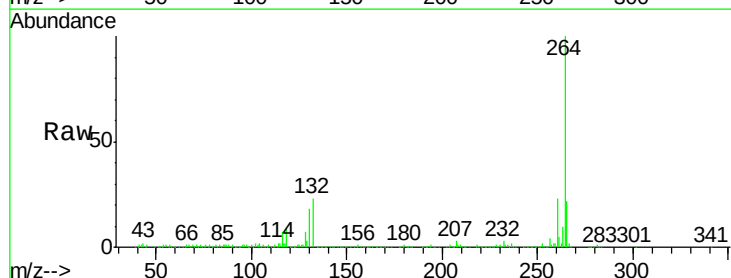
Instrument :
 BNA_F
 ClientSampleId :
 PB95563BS

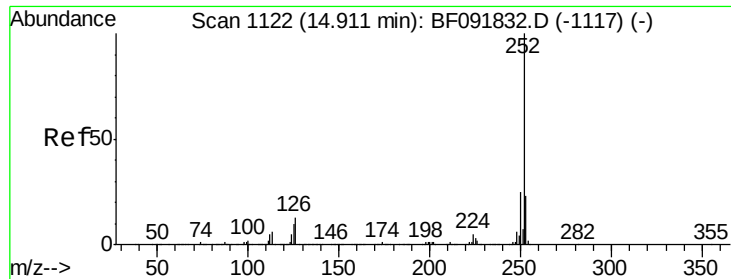
Tgt Ion:276 Resp: 809622
 Ion Ratio Lower Upper
 276 100
 138 25.6 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF091899.D
 Acq: 22 Dec 2016 21:16

Tgt Ion:264 Resp: 408723
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.2 17.4 26.0

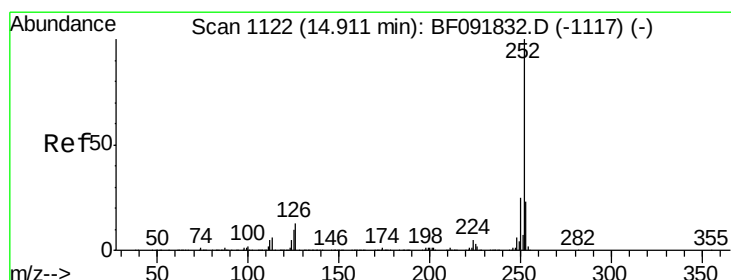
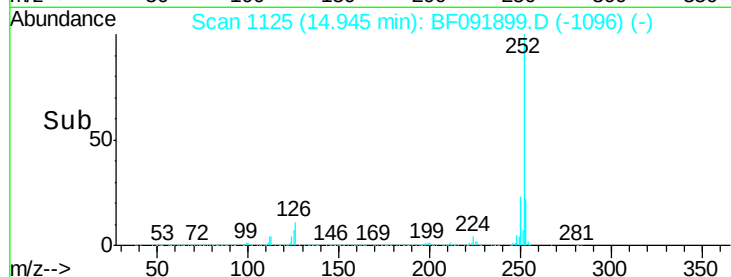
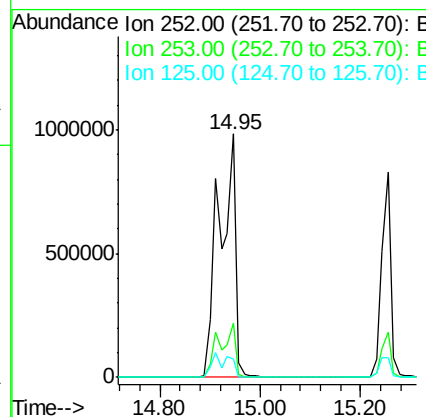
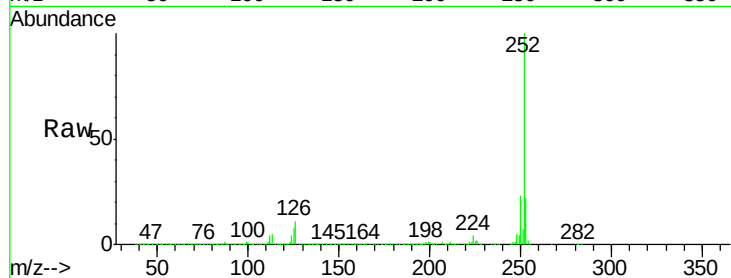




#87
Benzo(b)fluoranthene
Concen: 87.30 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.03 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

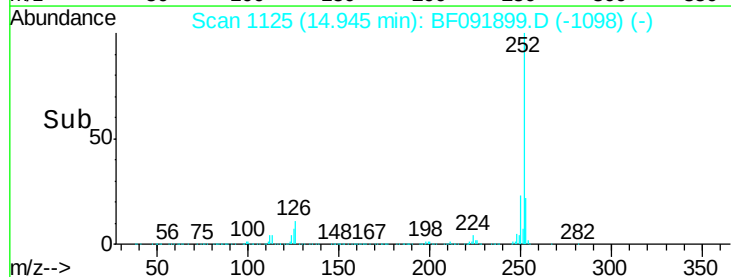
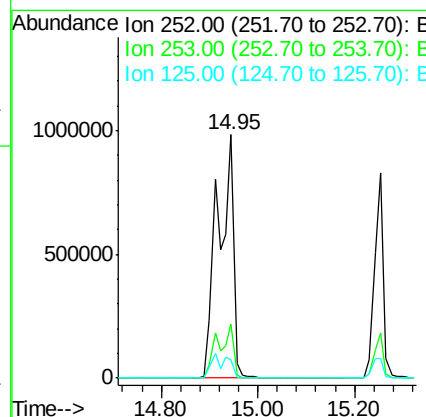
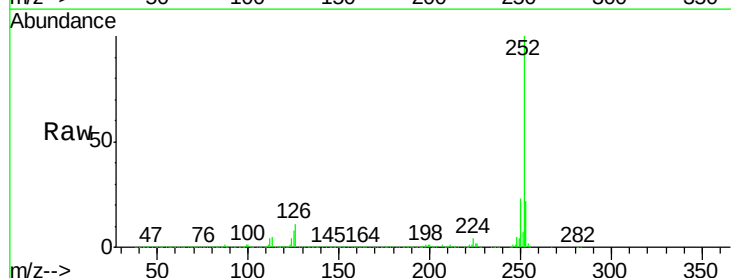
Instrument :
BNA_F
ClientSampleId :
PB95563BS

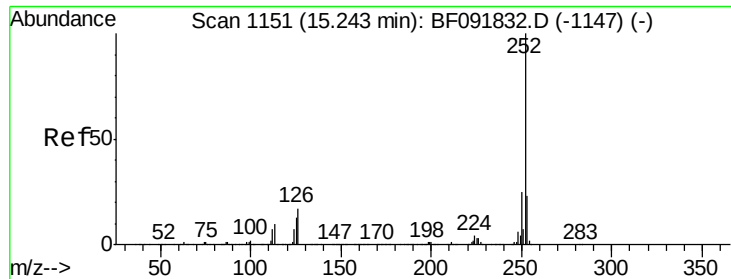
Tgt Ion:252 Resp: 2221464
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 7.5 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 102.39 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:252 Resp: 2221888
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 7.5 8.9 13.3#

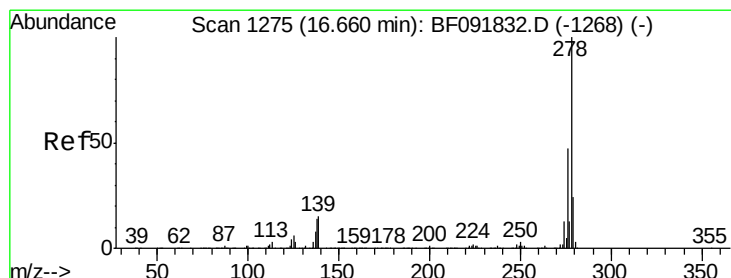
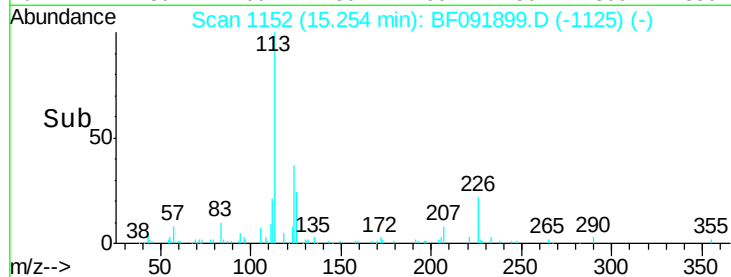
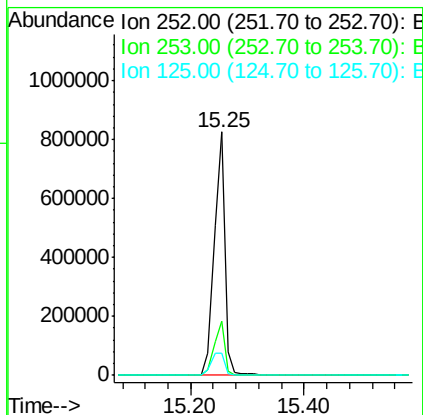
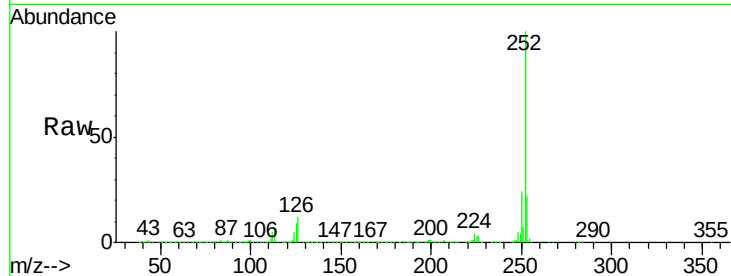




#89
Benzo(a)pyrene
Concen: 46.24 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

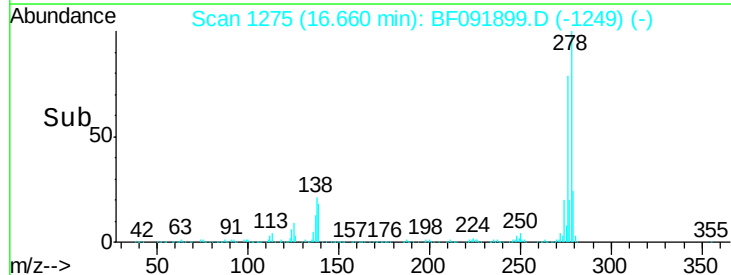
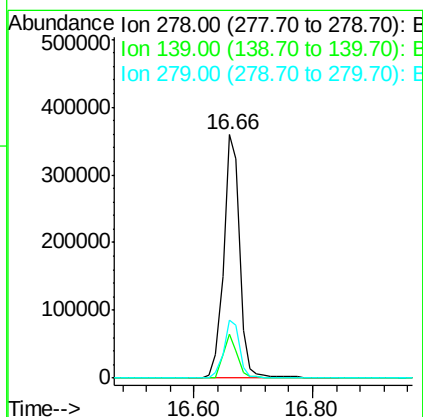
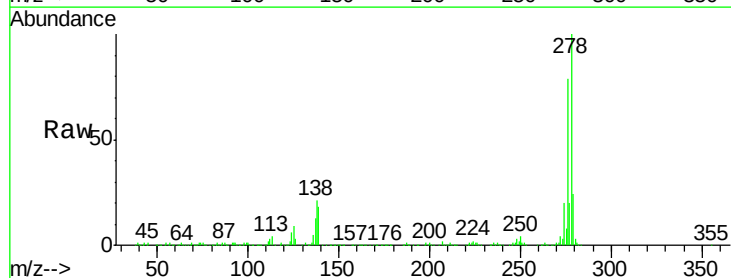
Instrument :
BNA_F
ClientSampleId :
PB95563BS

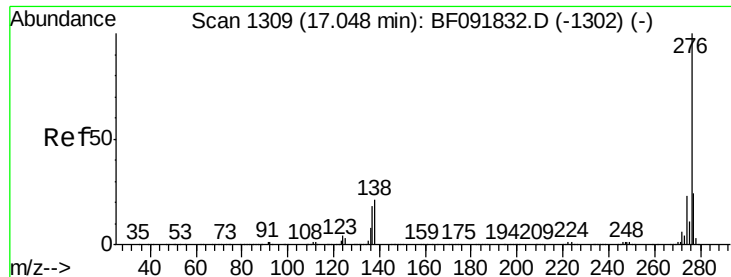
Tgt Ion:252 Resp: 1044459
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.4 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.59 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091899.D
Acq: 22 Dec 2016 21:16

Tgt Ion:278 Resp: 679322
Ion Ratio Lower Upper
278 100
139 17.9 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 33.58 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF091899.D

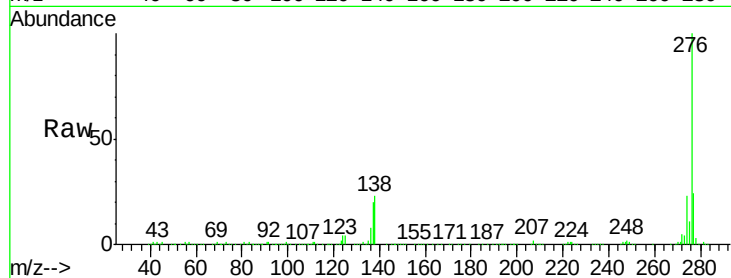
Acq: 22 Dec 2016 21:16

Instrument :

BNA_F

ClientSampleId :

PB95563BS



Tgt Ion:	276	Resp:	648301
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.3	16.0	24.0

