

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091457.D
 Acq On : 6 Dec 2016 14:35
 Operator : UM/SJ
 Sample : PB95080BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Quant Time: Dec 06 23:59:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126499	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	534162	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	309108	20.00	ng	-0.04
63) Phenanthrene-d10	11.36	188	547774	20.00	ng	-0.04
75) Chrysene-d12	13.99	240	333973	20.00	ng	-0.05
86) Perylene-d12	15.41	264	311724	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	854001	110.29	ng	-0.02
7) Phenol-d6	6.48	99	1131431	118.70	ng	-0.02
23) Nitrobenzene-d5	7.41	82	775496	81.36	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	346555	118.43	ng	-0.03
44) 2-Fluorobiphenyl	9.20	172	1499914	87.86	ng	-0.04
78) Terphenyl-d14	12.95	244	1543490	100.45	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	122651	35.01	ng	# 82
3) Pyridine	3.24	79	348808	35.19	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	238723	45.89	ng	# 98
6) Aniline	6.50	93	317363	25.06	ng	# 75
8) 2-Chlorophenol	6.63	128	386348	45.51	ng	# 93
9) Benzaldehyde	6.38	77	114637	18.70	ng	# 96
10) Phenol	6.49	94	438853	39.13	ng	# 92
11) bis(2-Chloroethyl)ether	6.58	93	361263	45.08	ng	# 94
12) 1,3-Dichlorobenzene	6.86	146	410091	43.42	ng	# 98
13) 1,4-Dichlorobenzene	6.86	146	410091	43.65	ng	# 98
14) 1,2-Dichlorobenzene	6.86	146	410091	46.87	ng	# 96
15) Benzyl Alcohol	6.98	79	320821	42.06	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	682518	39.61	ng	# 71
17) 2-Methylphenol	7.10	107	285617	42.56	ng	# 74
18) Hexachloroethane	7.35	117	138159	41.42	ng	# 85
19) n-Nitroso-di-n-propylamine	7.26	70	259657	43.24	ng	# 95
20) 3+4-Methylphenols	7.26	107	389235	47.51	ng	# 67
22) Acetophenone	7.26	105	519660	41.05	ng	# 84
24) Nitrobenzene	7.43	77	413057	42.33	ng	# 79
25) Isophorone	7.67	82	712607	42.20	ng	# 98
26) 2-Nitrophenol	7.74	139	170064	38.24	ng	# 98
27) 2,4-Dimethylphenol	7.78	122	334788	40.24	ng	# 97
28) bis(2-Chloroethoxy)methane	7.88	93	406342	39.98	ng	# 100
29) 2,4-Dichlorophenol	7.99	162	322005	44.00	ng	# 92
30) 1,2,4-Trichlorobenzene	8.07	180	359975	43.87	ng	# 97
31) Naphthalene	8.15	128	1071634	42.21	ng	# 99
32) Benzoic acid	7.90	122	145333	23.70	ng	# 89
33) 4-Chloroaniline	8.20	127	148529	13.69	ng	# 98
34) Hexachlorobutadiene	8.28	225	208214	41.27	ng	# 98
35) Caprolactam	8.57	113	86880	41.30	ng	# 97
36) 4-Chloro-3-methylphenol	8.69	107	344476	43.60	ng	# 92
37) 2-Methylnaphthalene	8.84	142	711517	41.25	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	363647	41.73	ng	# 98
40) Hexachlorocyclopentadiene	9.00	237	273429	67.69	ng	# 98

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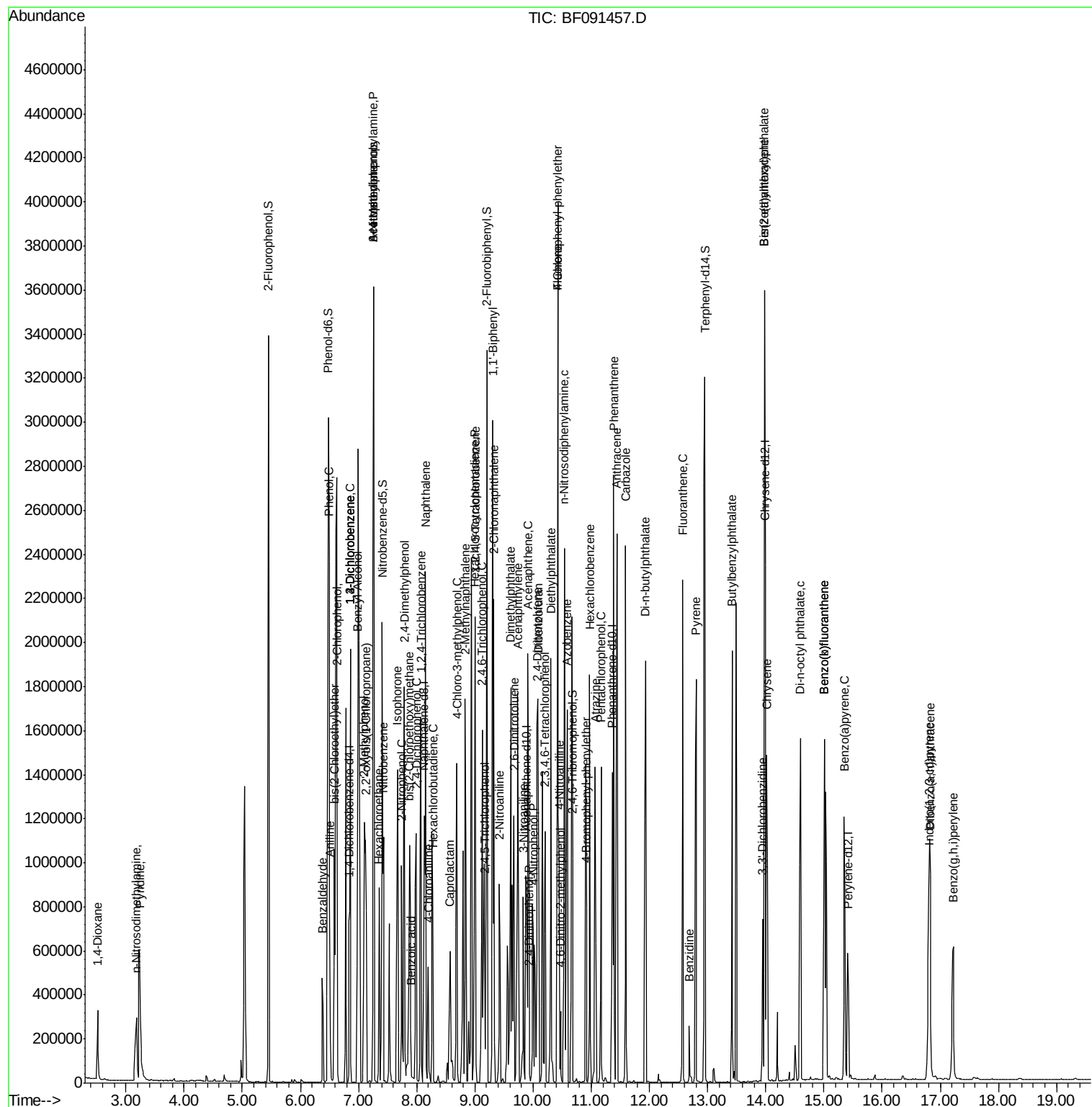
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	263538	46.53	ng	95
43) 2,4,5-Trichlorophenol	9.17	196	204233	35.99	ng #	88
45) 1,1'-Biphenyl	9.30	154	890090	40.05	ng	97
46) 2-Chloronaphthalene	9.33	162	640547	38.70	ng	99
47) 2-Nitroaniline	9.42	65	226688	38.13	ng #	75
48) Acenaphthylene	9.74	152	995400	38.20	ng	99
49) Dimethylphthalate	9.61	163	838188	44.78	ng	99
50) 2,6-Dinitrotoluene	9.67	165	200196	47.86	ng #	72
51) Acenaphthene	9.91	154	646307	36.77	ng	97
52) 3-Nitroaniline	9.83	138	107273	22.15	ng	91
53) 2,4-Dinitrophenol	9.93	184	37238	20.36	ng #	88
54) Dibenzofuran	10.08	168	942740	40.06	ng	98
55) 4-Nitrophenol	10.00	139	189285	54.12	ng #	67
56) 2,4-Dinitrotoluene	10.07	165	258061	47.56	ng #	80
57) Fluorene	10.42	166	705163	39.03	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	185177	38.21	ng	93
59) Diethylphthalate	10.31	149	825672	44.69	ng #	94
60) 4-Chlorophenyl-phenylether	10.42	204	398934	44.03	ng	99
61) 4-Nitroaniline	10.45	138	166052	36.52	ng	87
62) Azobenzene	10.58	77	843061	44.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.47	198	40103	13.29	ng #	75
65) n-Nitrosodiphenylamine	10.54	169	627078	37.76	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	242933	41.26	ng #	72
67) Hexachlorobenzene	10.97	284	245976	38.66	ng #	84
68) Atrazine	11.06	200	218256	40.58	ng	98
69) Pentachlorophenol	11.17	266	166966	44.58	ng	97
70) Phenanthrene	11.38	178	1029568	36.17	ng	100
71) Anthracene	11.44	178	1250508	44.27	ng	98
72) Carbazole	11.59	167	935246	36.48	ng	98
73) Di-n-butylphthalate	11.93	149	1231437	42.39	ng	99
74) Fluoranthene	12.57	202	1179794	43.76	ng	96
76) Benzidine	12.69	184	95971	9.79	ng	97
77) Pyrene	12.80	202	1122099	44.27	ng	99
79) Butylbenzylphthalate	13.42	149	413662	43.59	ng	97
80) Benzo(a)anthracene	13.98	228	792303	40.57	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	151630	22.04	ng	99
82) Chrysene	14.01	228	731509	37.85	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	549484	45.68	ng	97
84) Di-n-octyl phthalate	14.60	149	888192	48.79	ng	95
85) Indeno(1,2,3-cd)pyrene	16.80	276	748805	42.31	ng #	91
87) Benzo(b)fluoranthene	15.01	252	1521580	78.53	ng #	96
88) Benzo(k)fluoranthene	15.01	252	1521773	93.40	ng #	95
89) Benzo(a)pyrene	15.35	252	744977	42.81	ng #	95
90) Dibenzo(a,h)anthracene	16.83	278	621074	38.59	ng #	91
91) Benzo(g,h,i)perylene	17.23	276	608199	36.65	ng #	94

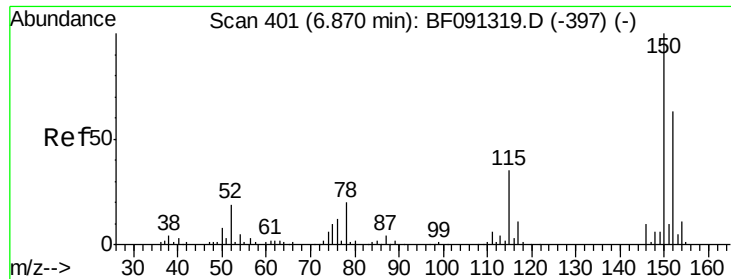
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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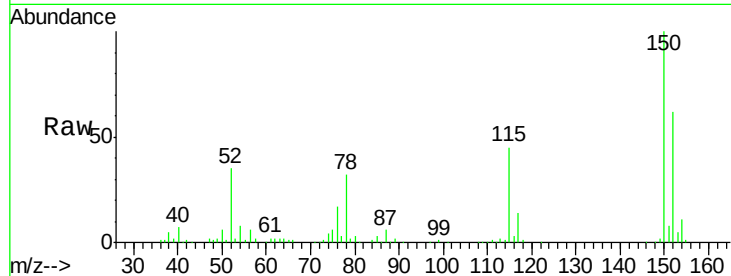


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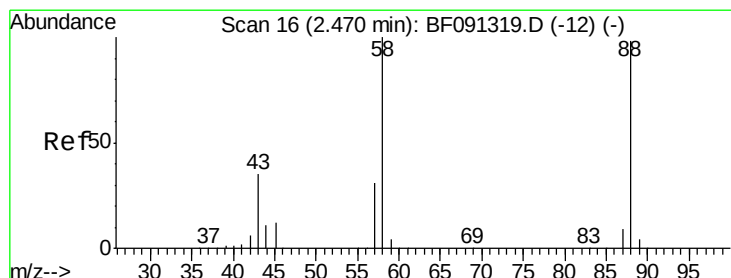
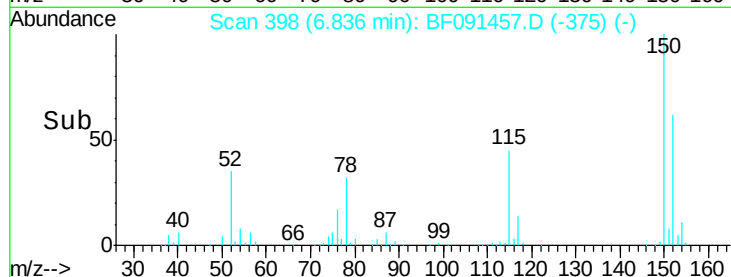
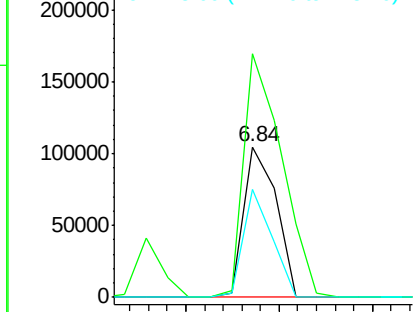
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Instrument :
BNA_F
ClientSampleId :
PB95080BS

Tgt Ion:152 Resp: 126499
Ion Ratio Lower Upper
152 100
150 161.8 122.5 183.7
115 72.1 51.8 77.8



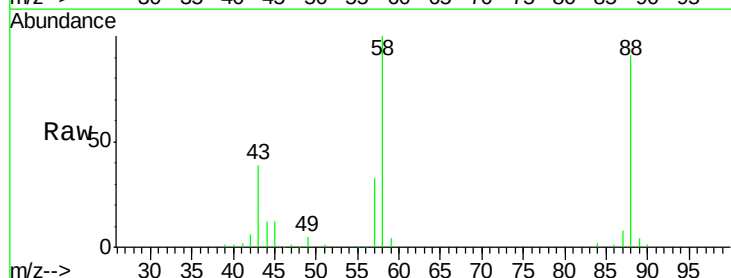
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



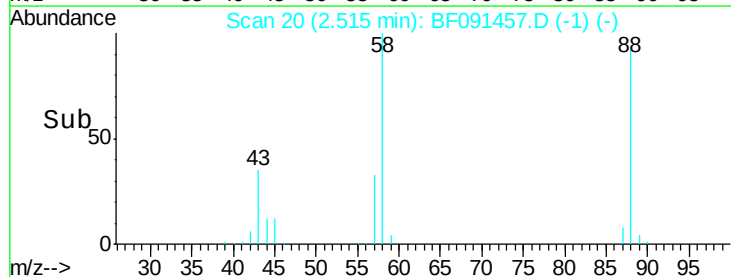
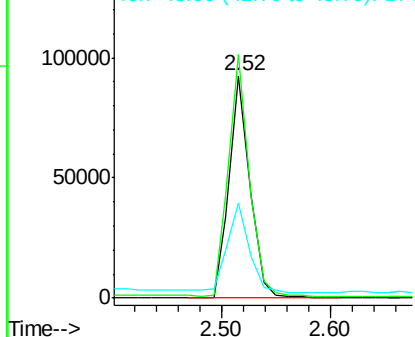
#2

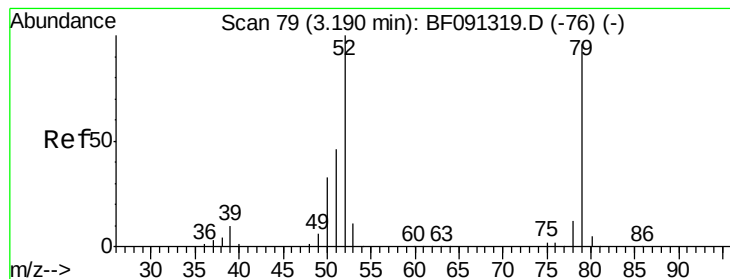
1,4-Dioxane
Concen: 35.01 ng
RT: 2.52 min Scan# 20
Delta R.T. 0.02 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 88 Resp: 122651
Ion Ratio Lower Upper
88 100
58 109.0 70.3 105.5#
43 43.1 31.3 46.9



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





#3

Pyridine

Concen: 35.19 ng

RT: 3.24 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

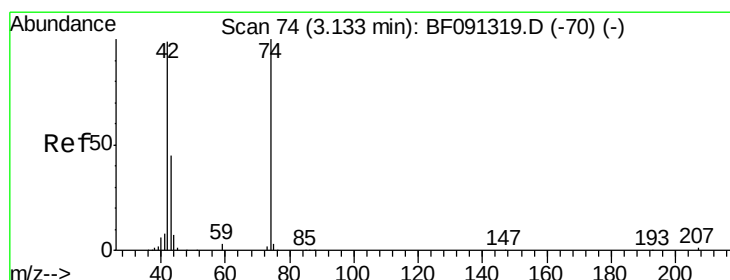
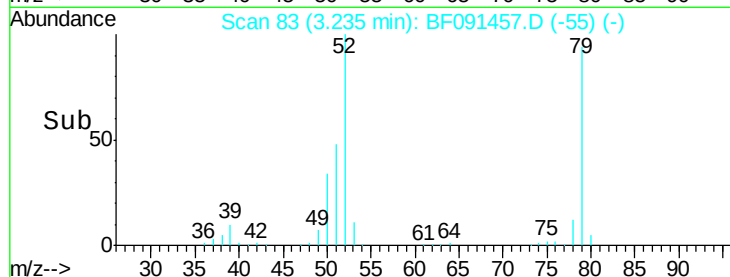
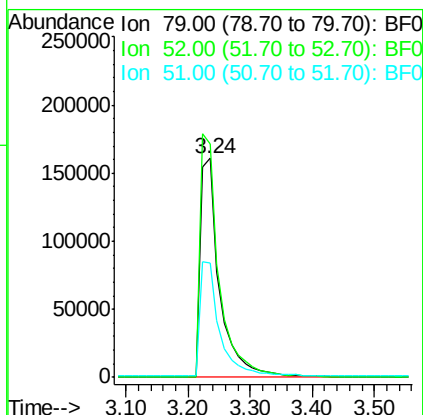
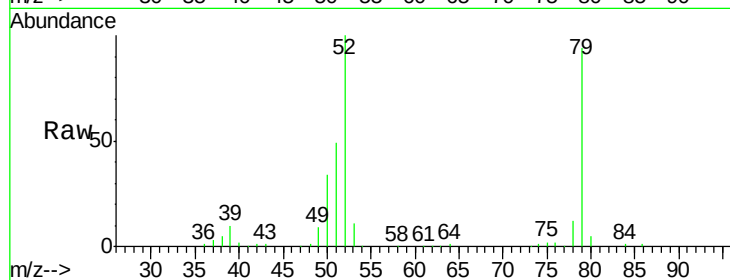
Tgt Ion: 79 Resp: 348808

Ion Ratio Lower Upper

79 100

52 106.7 71.0 106.4#

51 52.2 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 45.89 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

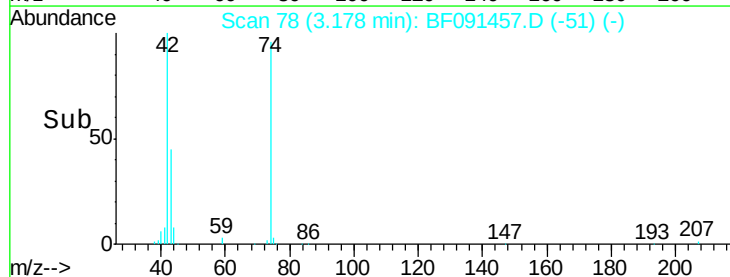
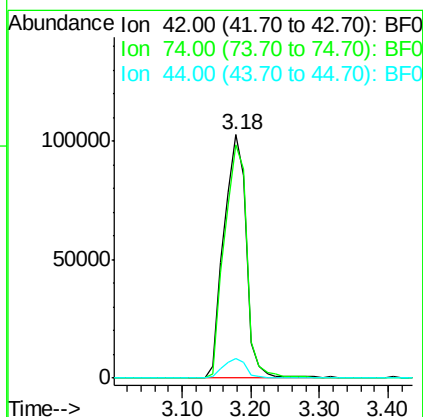
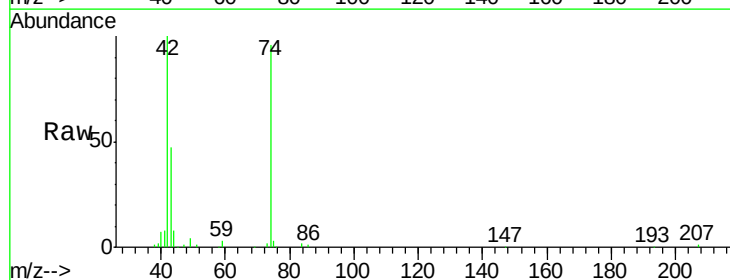
Tgt Ion: 42 Resp: 238723

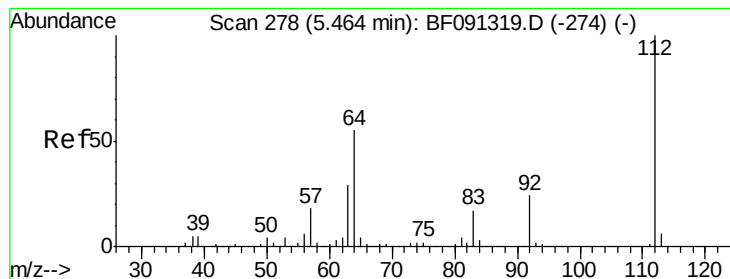
Ion Ratio Lower Upper

42 100

74 96.1 78.9 118.3

44 7.8 5.8 8.6





#5

2-Fluorophenol

Concen: 110.29 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

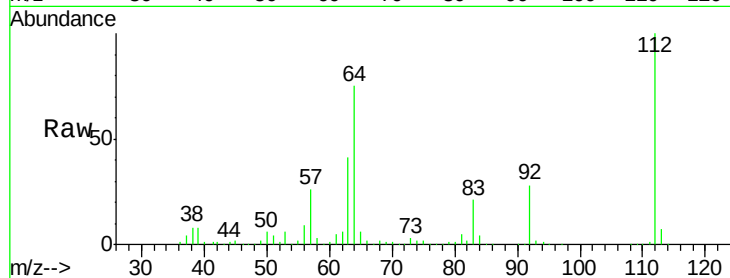
Instrument :

BNA_F

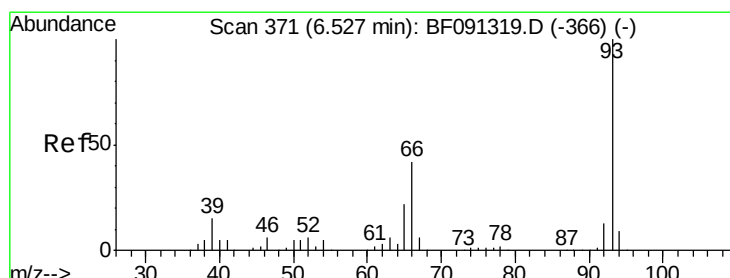
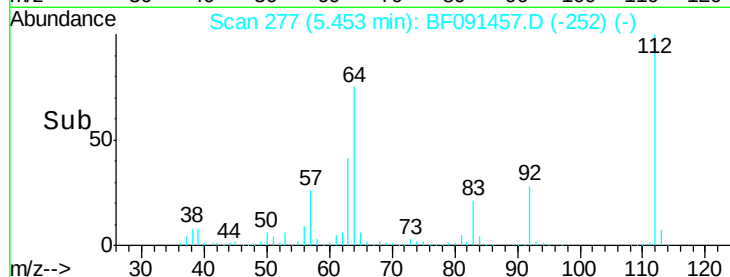
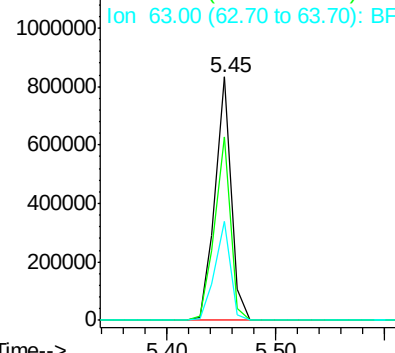
ClientSampleId :

PB95080BS

Tgt Ion:	112	Resp:	854001
Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.5	92.3
63	40.6	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0



#6

Aniline

Concen: 25.06 ng

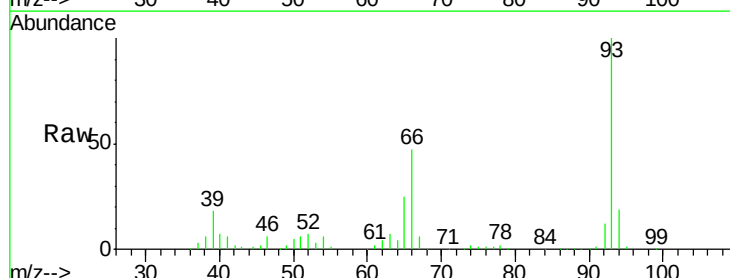
RT: 6.50 min Scan# 369

Delta R.T. -0.04 min

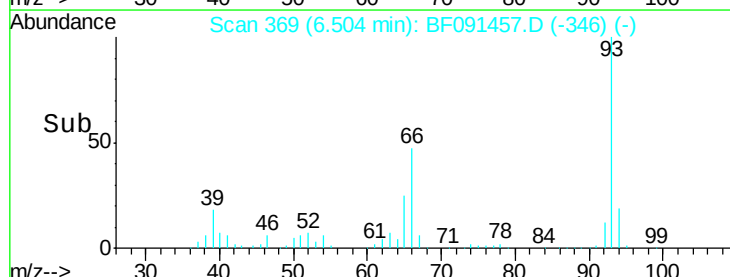
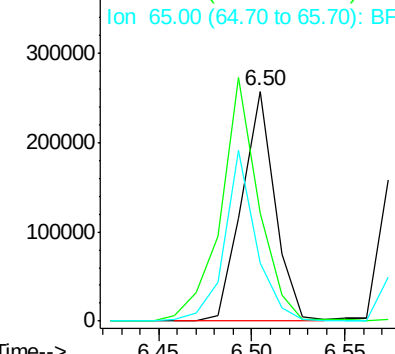
Lab File: BF091457.D

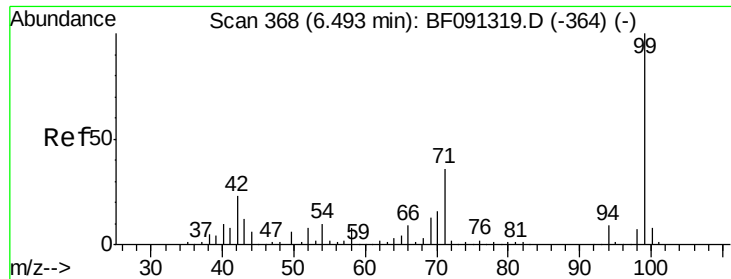
Acq: 6 Dec 2016 14:35

Tgt Ion:	93	Resp:	317363
Ion	Ratio	Lower	Upper
93	100		
66	47.1	55.8	83.6#
65	25.3	29.9	44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 118.70 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

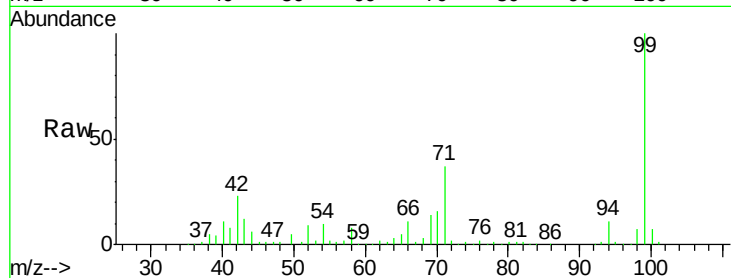
Tgt Ion: 99 Resp: 1131431

Ion Ratio Lower Upper

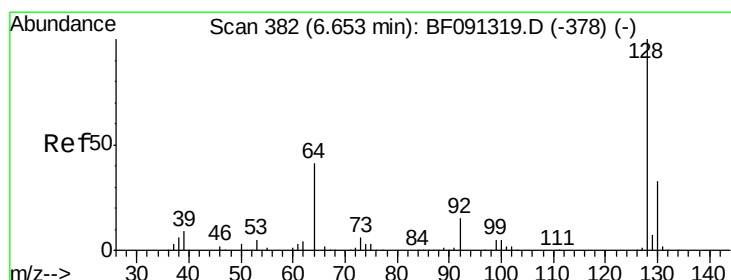
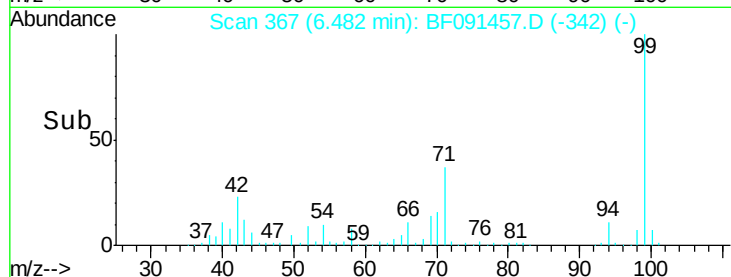
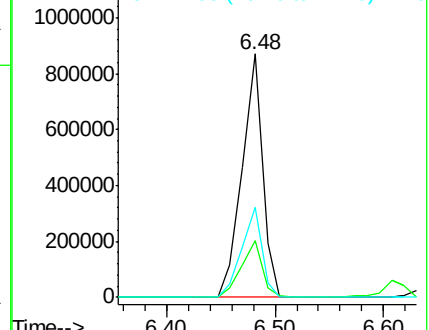
99 100

42 23.4 20.6 31.0

71 37.1 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.51 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

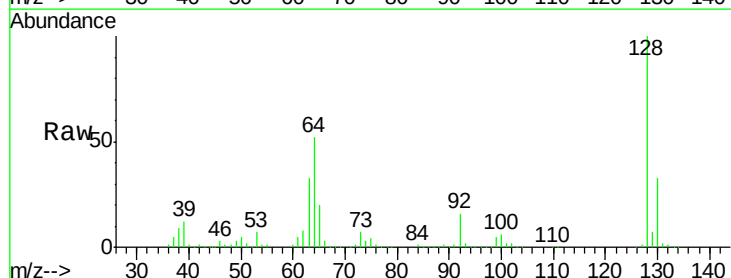
Tgt Ion: 128 Resp: 386348

Ion Ratio Lower Upper

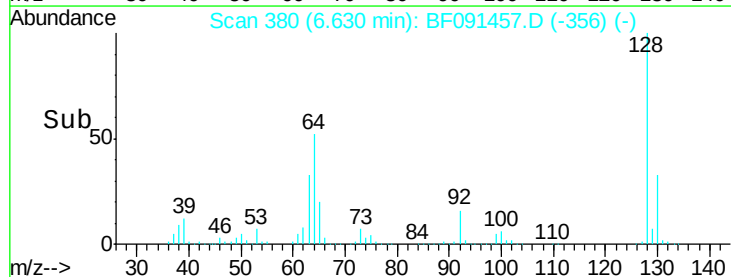
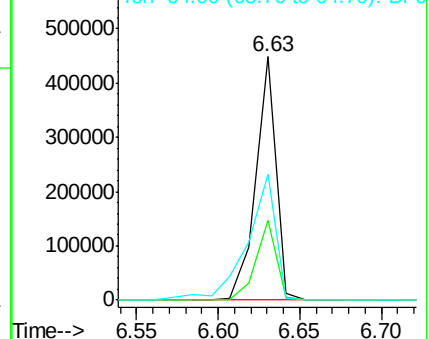
128 100

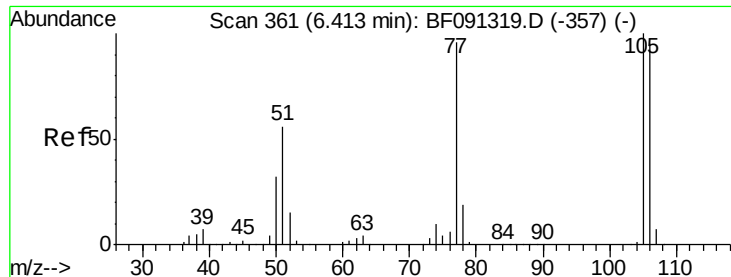
130 32.8 13.1 53.1

64 51.9 24.1 64.1



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: 18.70 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.04 min

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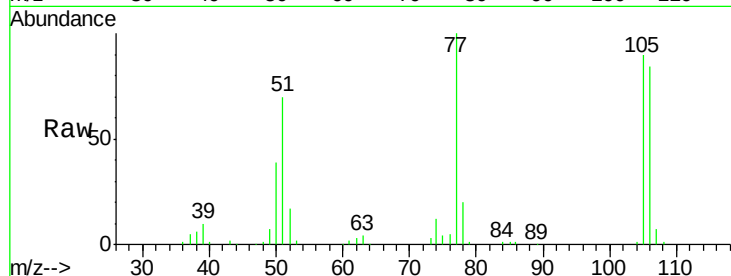
Tgt Ion: 77 Resp: 114637

Ion Ratio Lower Upper

77 100

105 89.5 66.4 106.4

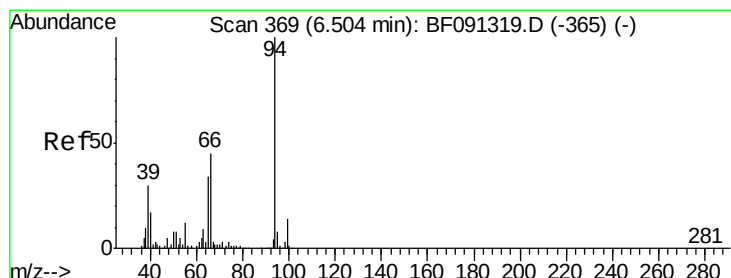
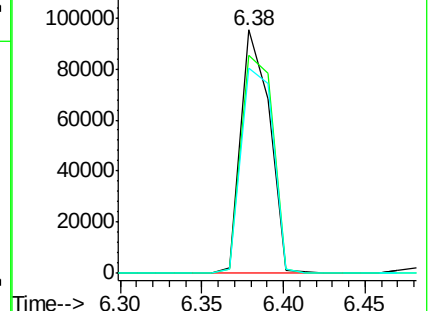
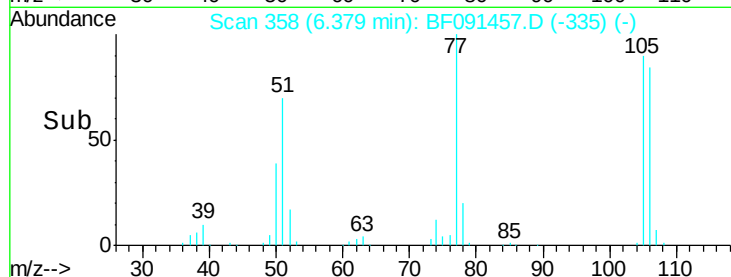
106 84.4 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.13 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

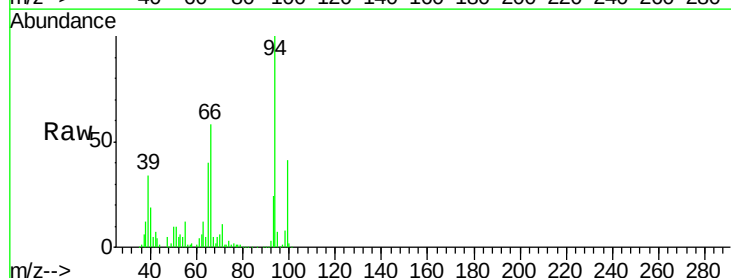
Tgt Ion: 94 Resp: 438853

Ion Ratio Lower Upper

94 100

65 40.4 16.9 56.9

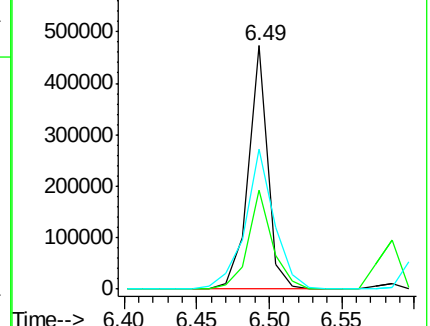
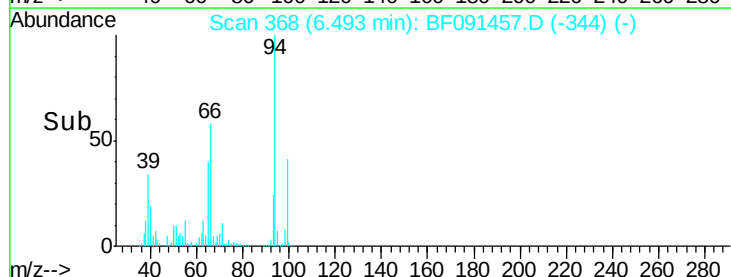
66 57.7 30.6 70.6

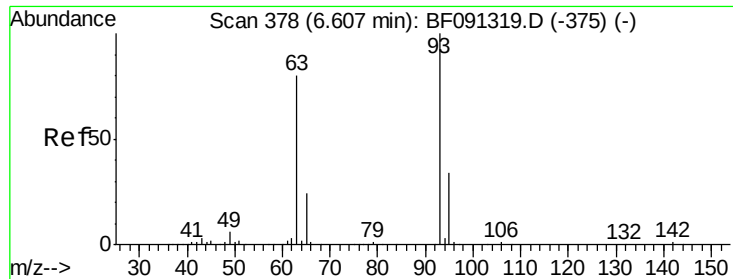


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

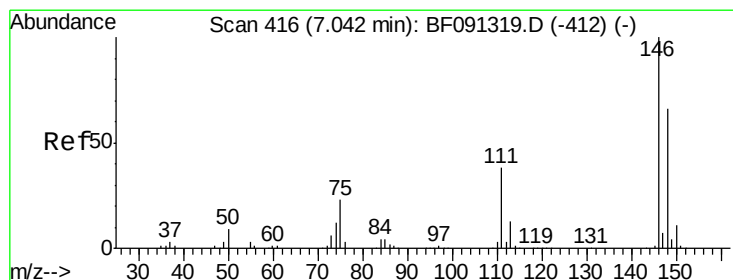
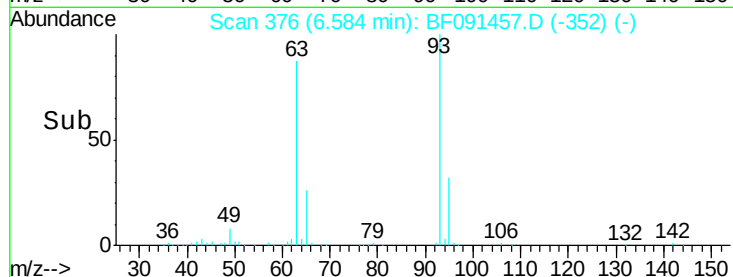
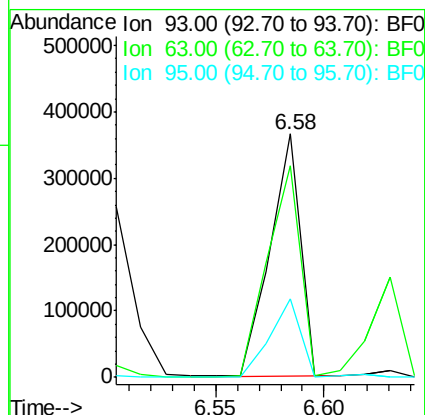
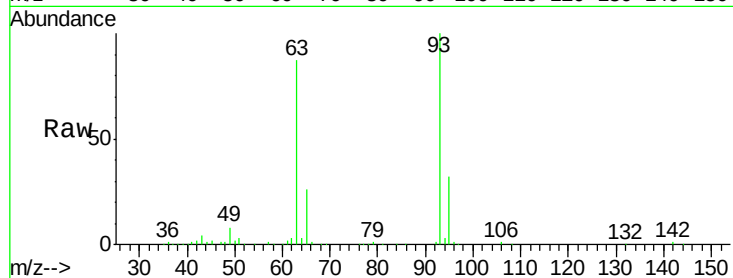




#11
bis(2-Chloroethyl)ether
Concen: 45.08 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

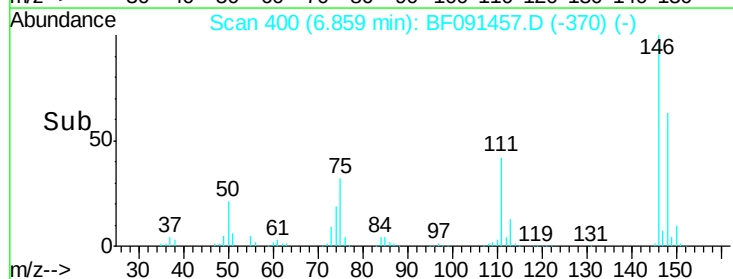
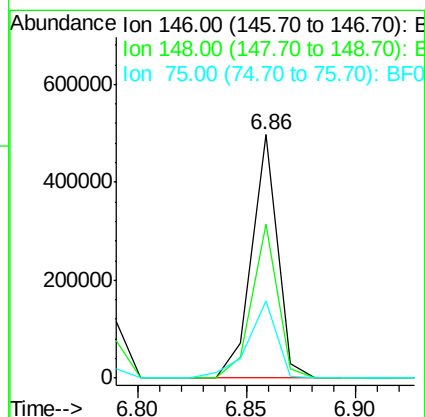
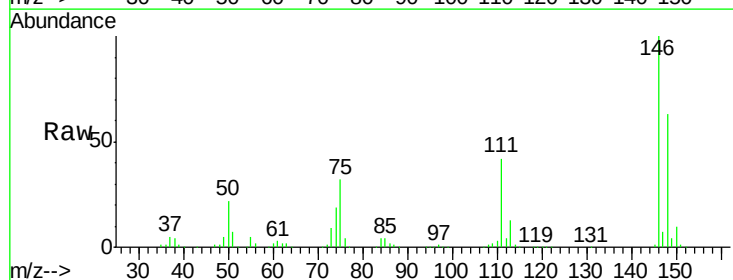
Instrument :
BNA_F
ClientSampleId :
PB95080BS

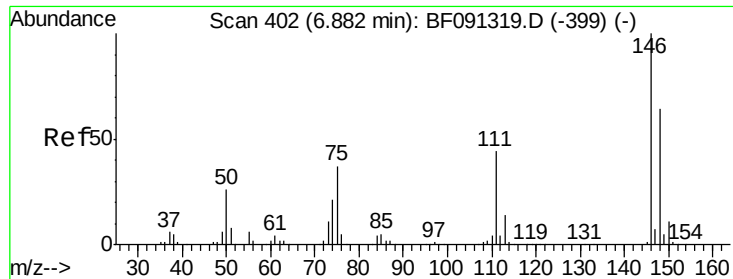
Tgt Ion: 93 Resp: 361263
Ion Ratio Lower Upper
93 100
63 86.8 74.8 114.8
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.42 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 146 Resp: 410091
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 31.9 23.6 35.4

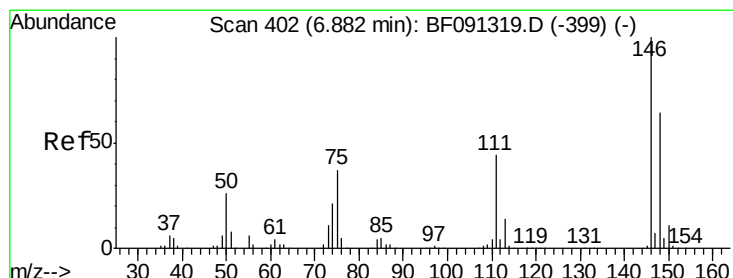
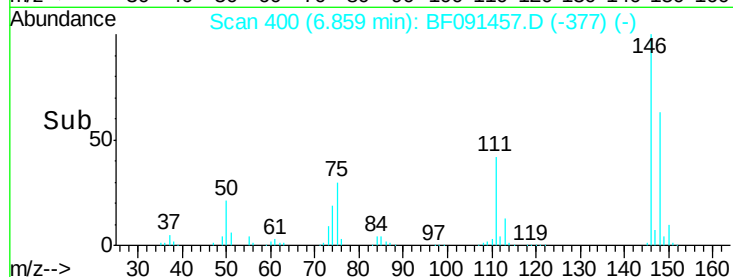
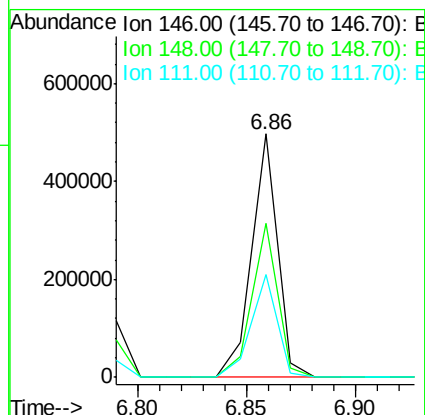
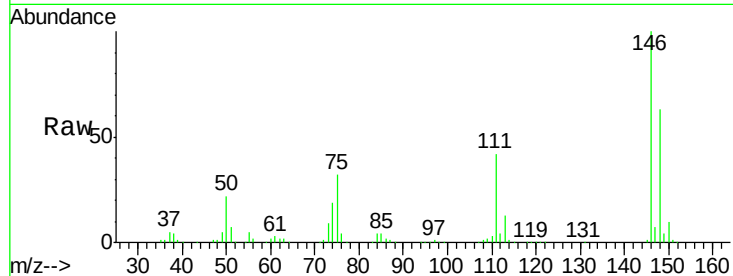




#13
 1,4-Dichlorobenzene
 Concen: 43.65 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

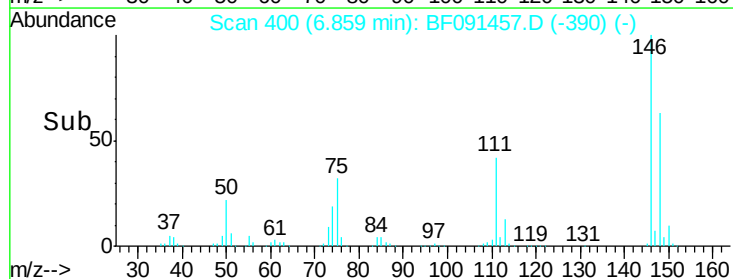
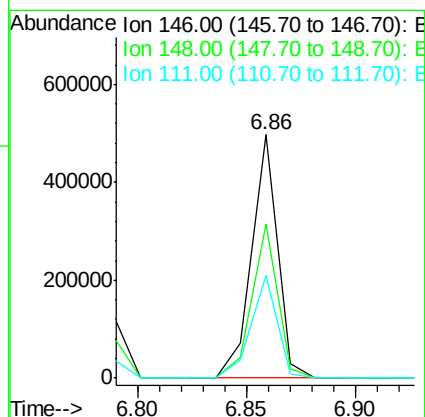
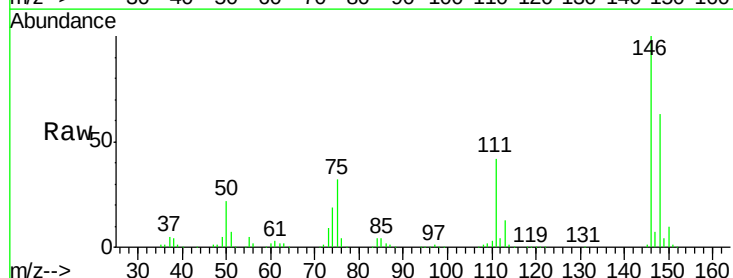
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

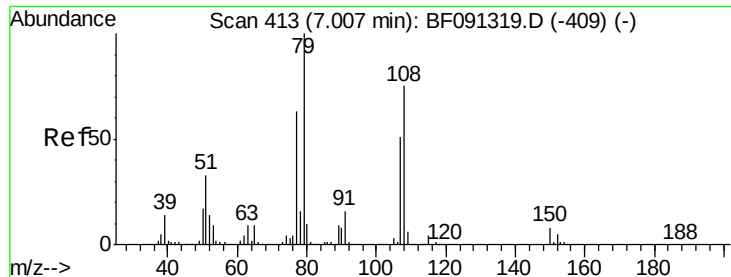
Tgt Ion:146 Resp: 410091
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 42.4 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 46.87 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.19 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:146 Resp: 410091
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 42.4 38.9 58.3





#15

Benzyl Alcohol

Concen: 42.06 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

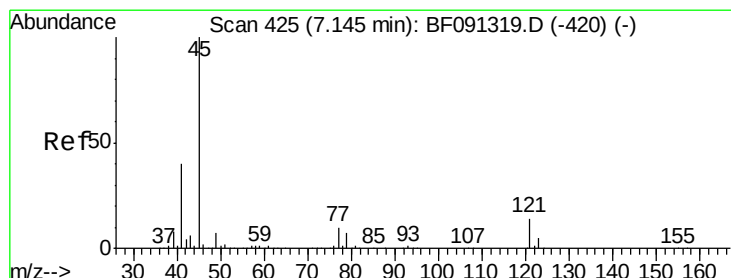
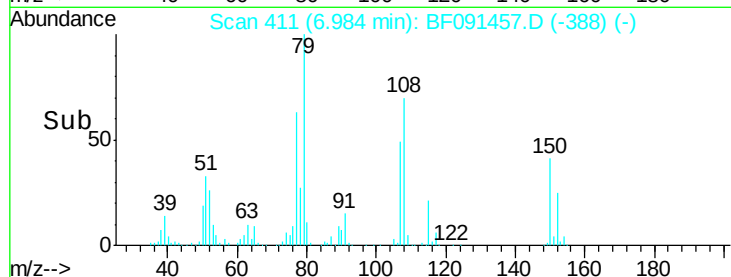
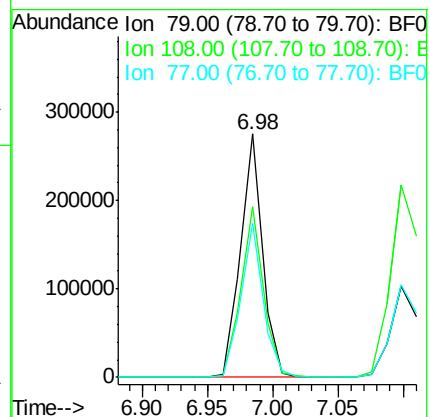
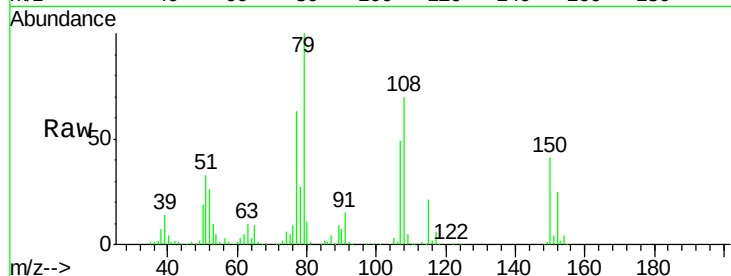
Tgt Ion: 79 Resp: 320821

Ion Ratio Lower Upper

79 100

108 70.1 62.7 94.1

77 63.3 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.61 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

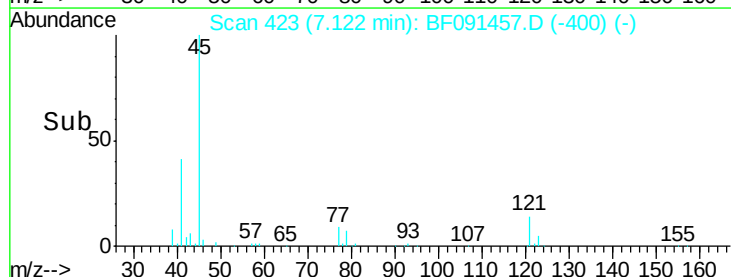
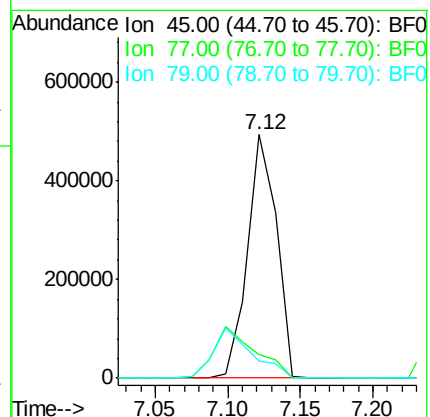
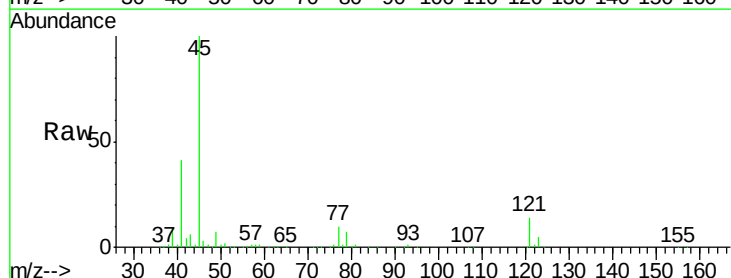
Tgt Ion: 45 Resp: 682518

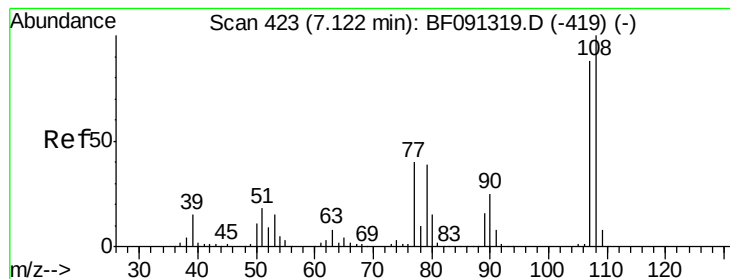
Ion Ratio Lower Upper

45 100

77 9.6 3.8 43.8

79 7.2 0.2 40.2





#17

2-Methylphenol

Concen: 42.56 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

Tgt Ion:107 Resp: 285617

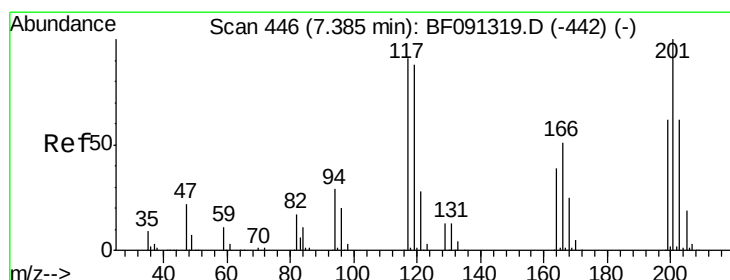
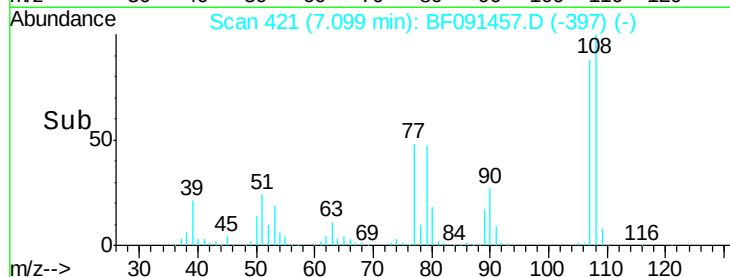
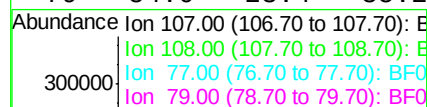
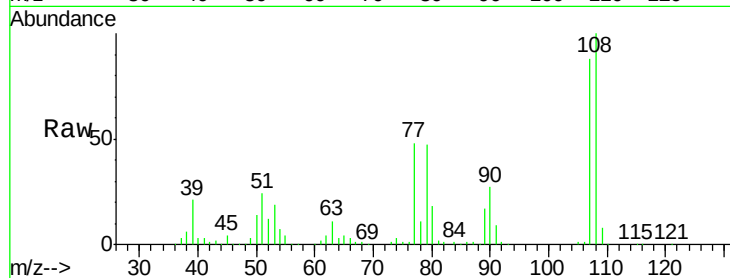
Ion Ratio Lower Upper

107 100

108 113.9 67.7 101.5#

77 54.5 40.7 61.1

79 54.0 23.4 35.2#



#18

Hexachloroethane

Concen: 41.42 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

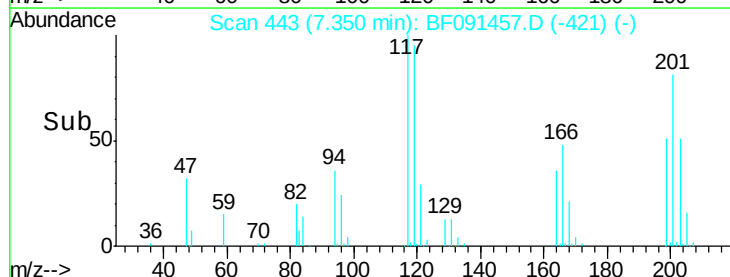
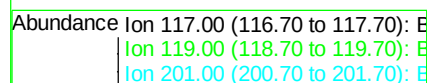
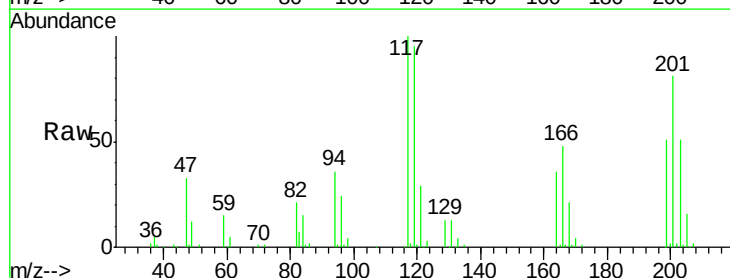
Tgt Ion:117 Resp: 138159

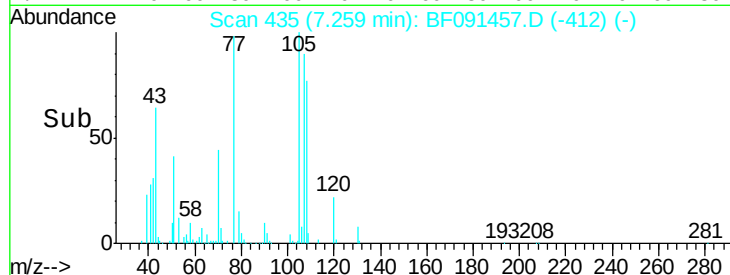
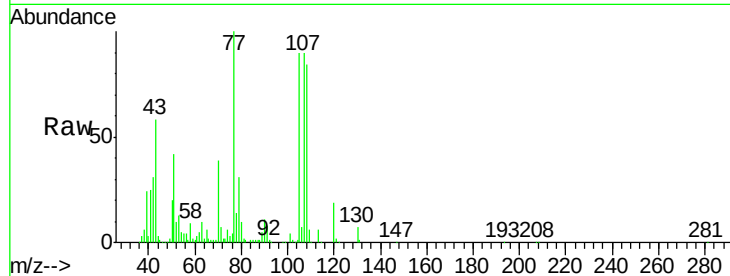
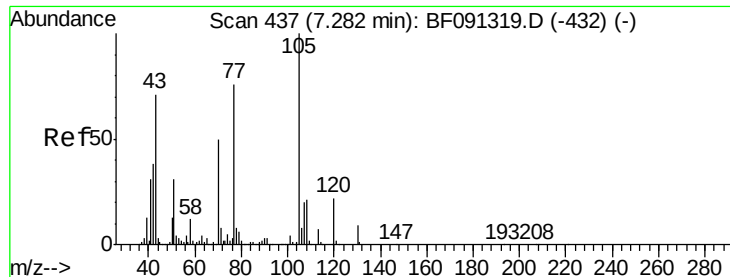
Ion Ratio Lower Upper

117 100

119 95.4 78.6 118.0

201 81.3 86.7 130.1#

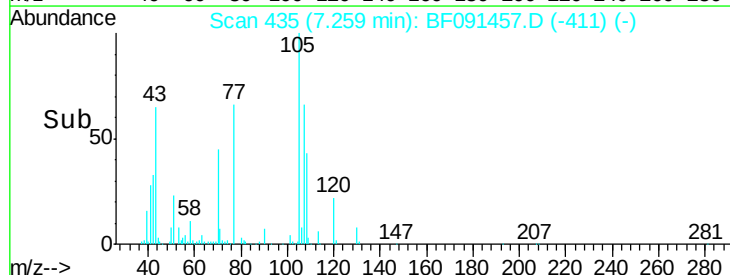
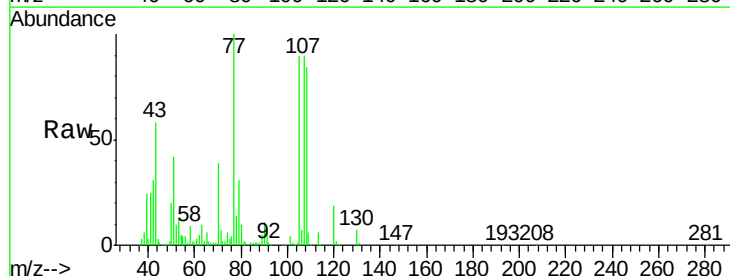
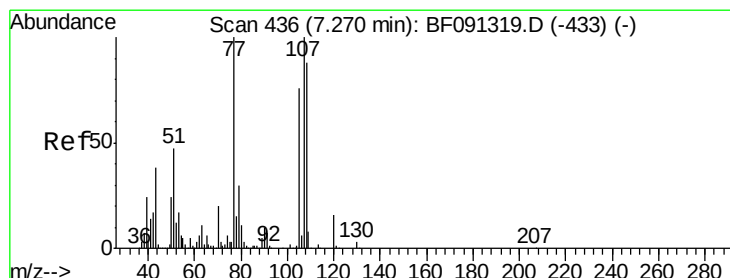
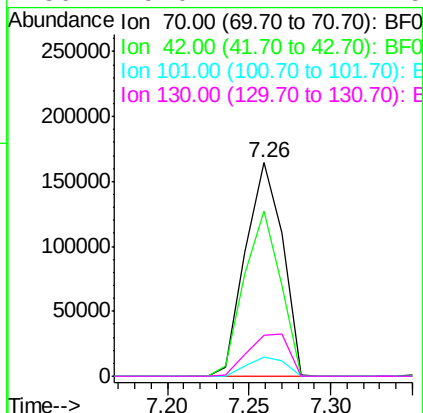




#19
n-Nitroso-di-n-propylamine
Concen: 43.24 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

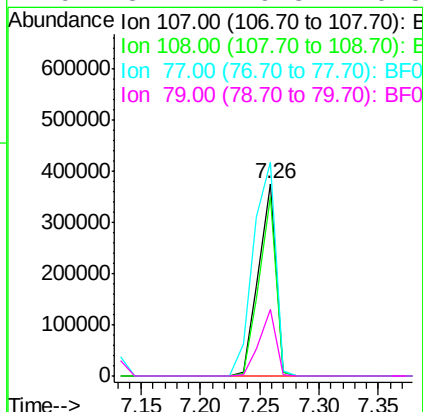
Instrument :
BNA_F
ClientSampleId :
PB95080BS

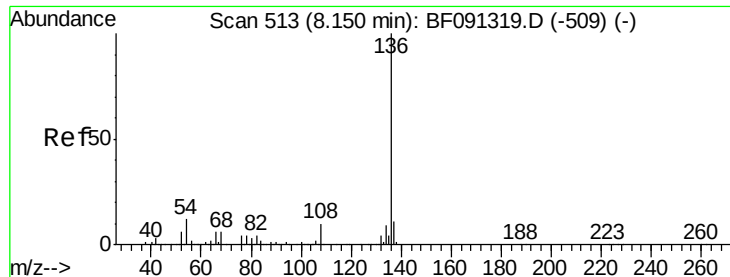
Tgt Ion: 70 Resp: 259657
Ion Ratio Lower Upper
70 100
42 77.5 64.8 97.2
101 9.1 6.2 9.4
130 19.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 47.51 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 107 Resp: 389235
Ion Ratio Lower Upper
107 100
108 93.1 64.6 104.6
77 111.2 30.9 70.9#
79 34.4 9.3 49.3

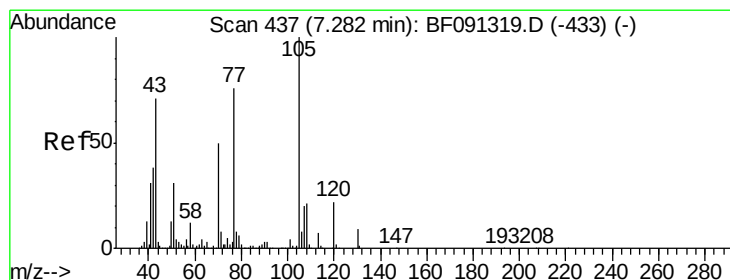
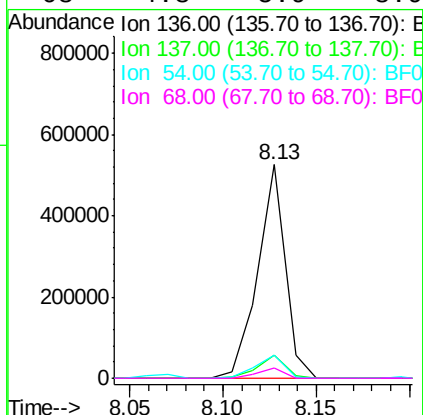
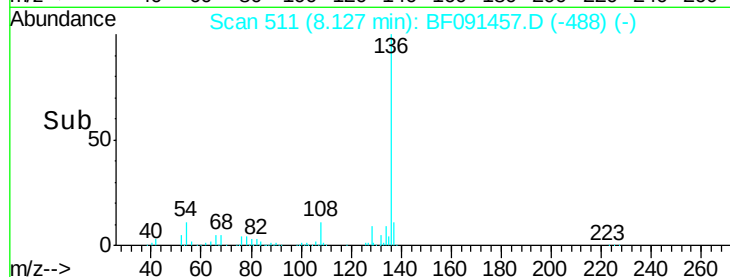
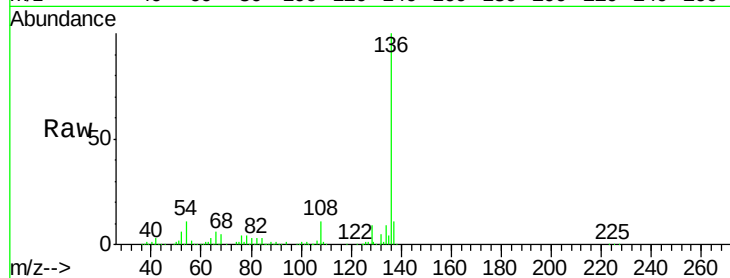




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

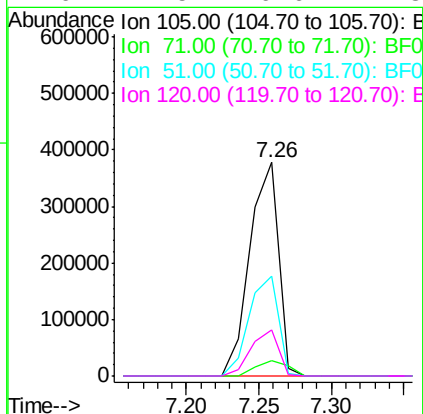
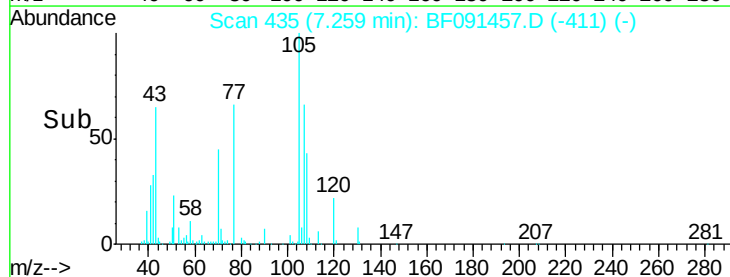
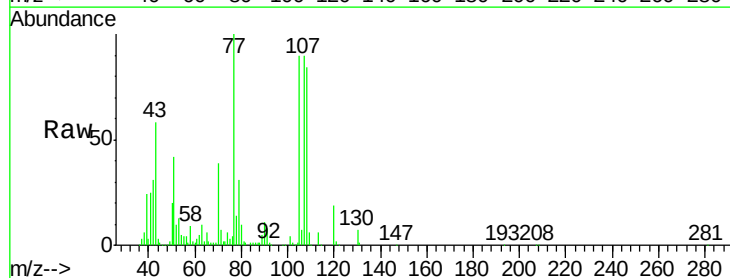
Instrument :
BNA_F
ClientSampleId :
PB95080BS

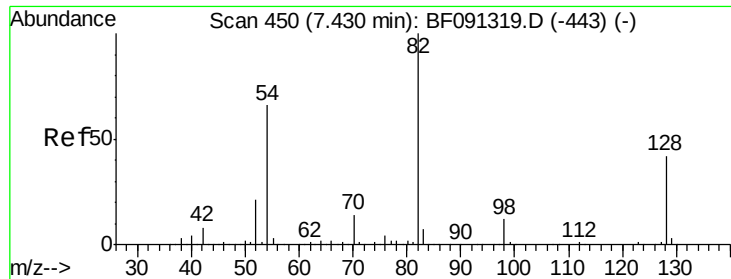
Tgt Ion:	136	Resp:	534162
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.0	9.1	13.7
68	4.8	5.9	8.9#



#22
Acetophenone
Concen: 41.05 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion:	105	Resp:	519660
Ion	Ratio	Lower	Upper
105	100		
71	7.4	7.9	11.9#
51	46.6	24.5	36.7#
120	21.5	16.6	24.8

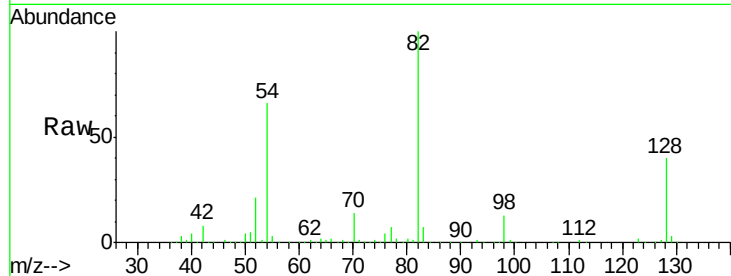




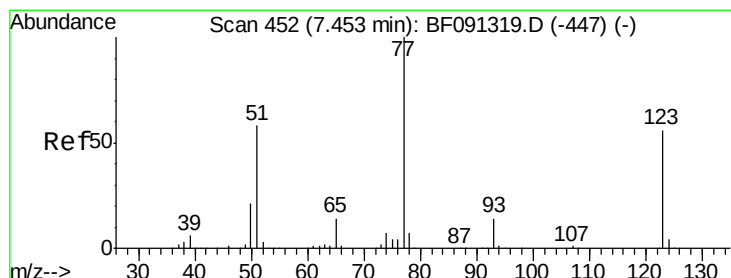
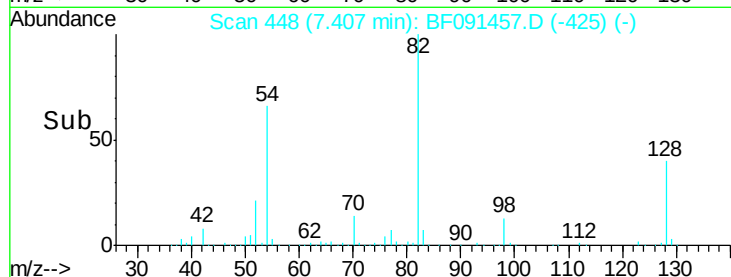
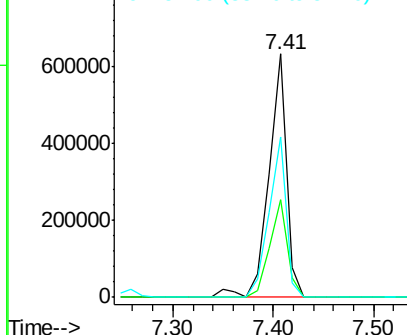
#23
Nitrobenzene-d5
Concen: 81.36 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Instrument :
BNA_F
ClientSampleId :
PB95080BS

Tgt Ion: 82 Resp: 775496
Ion Ratio Lower Upper
82 100
128 39.9 31.8 47.6
54 65.6 49.1 73.7

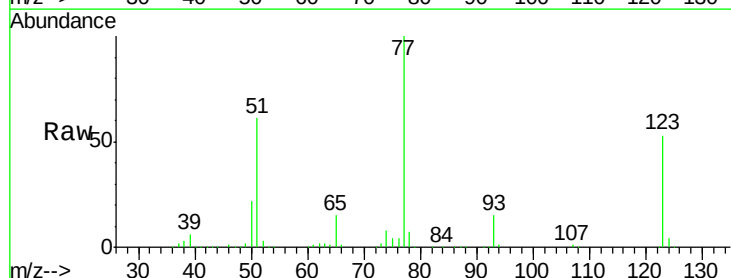


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

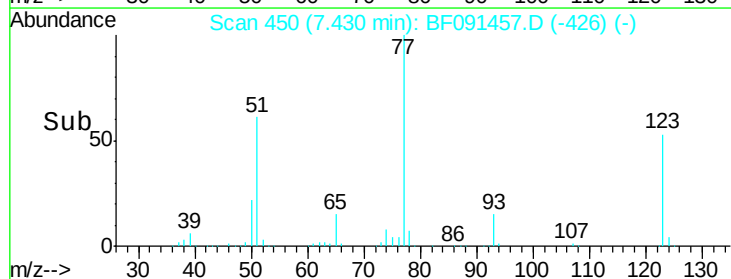
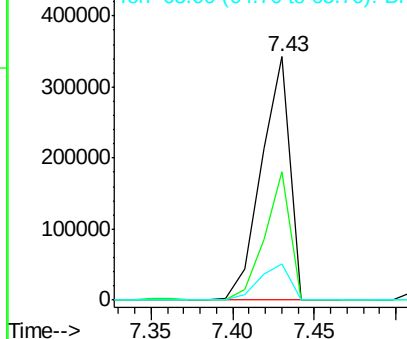


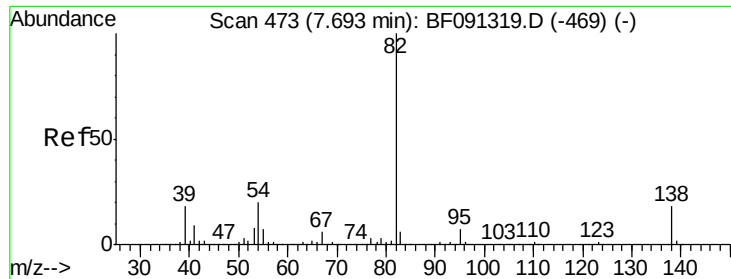
#24
Nitrobenzene
Concen: 42.33 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 77 Resp: 413057
Ion Ratio Lower Upper
77 100
123 52.7 28.5 42.7#
65 15.1 12.5 18.7



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





#25

Isophorone

Concen: 42.20 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

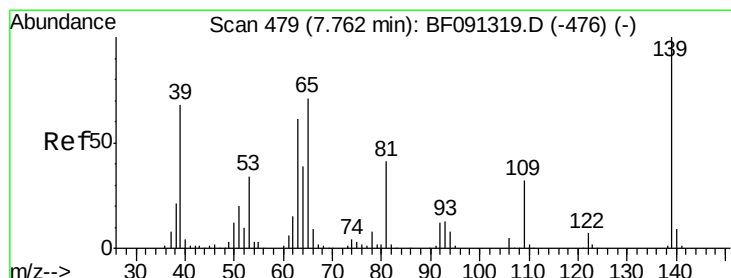
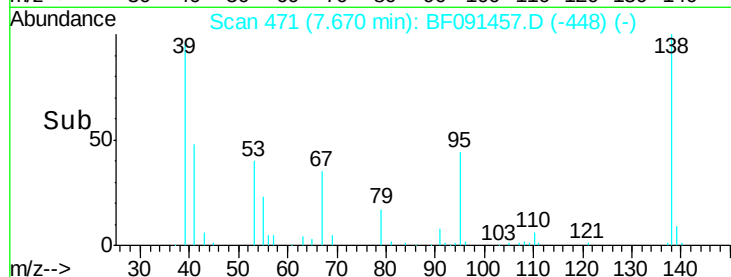
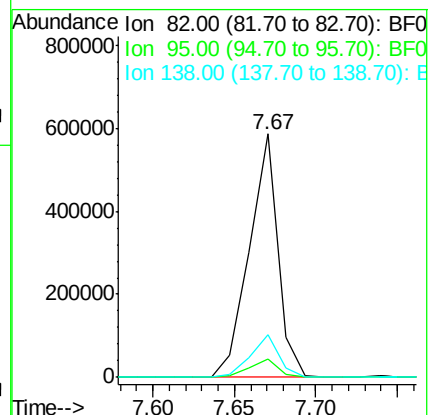
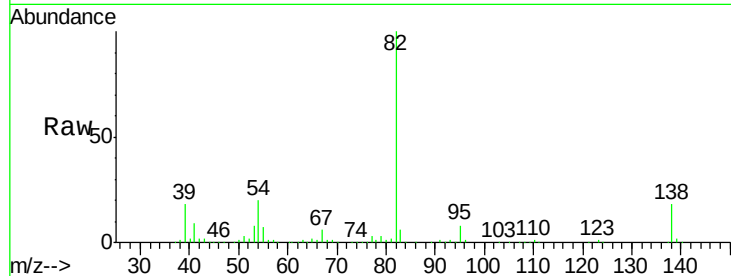
Tgt Ion: 82 Resp: 712607

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

138 17.6 13.4 20.0



#26

2-Nitrophenol

Concen: 38.24 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

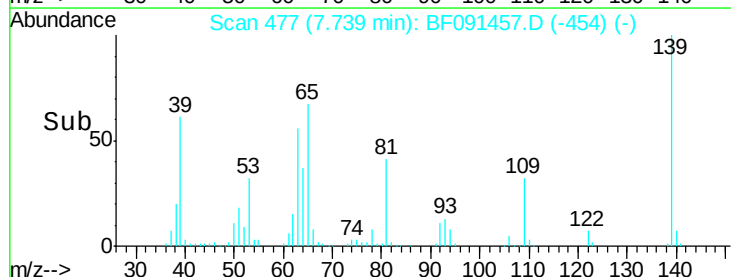
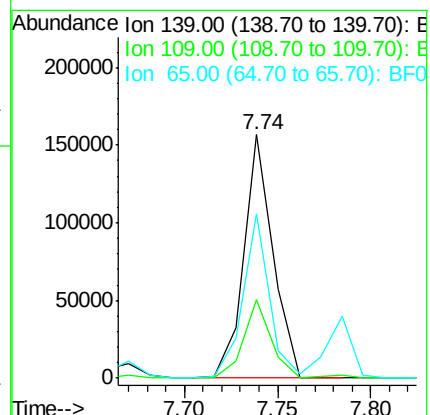
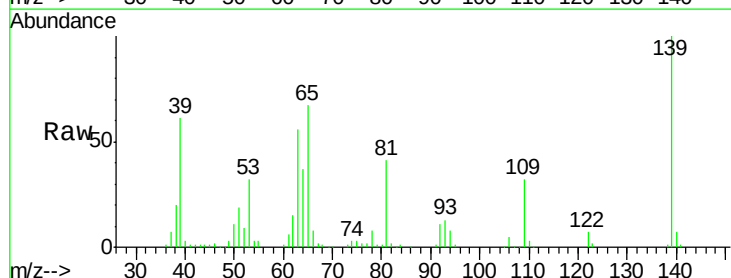
Tgt Ion: 139 Resp: 170064

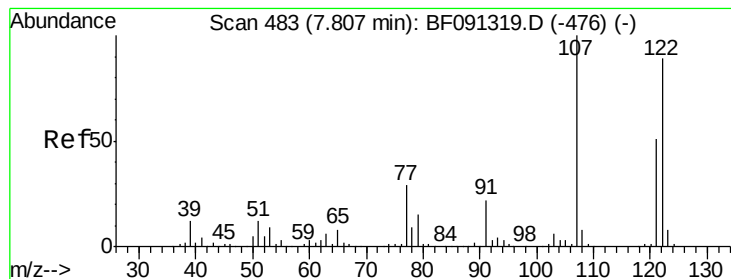
Ion Ratio Lower Upper

139 100

109 32.0 25.3 37.9

65 67.4 55.4 83.2

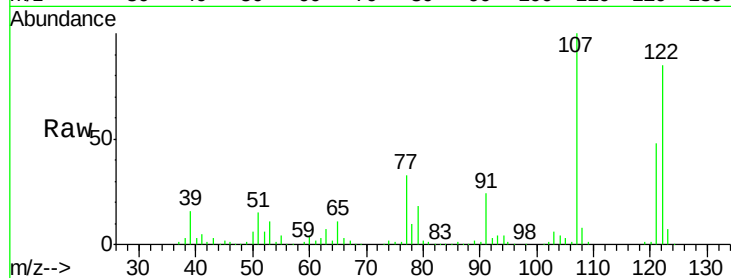




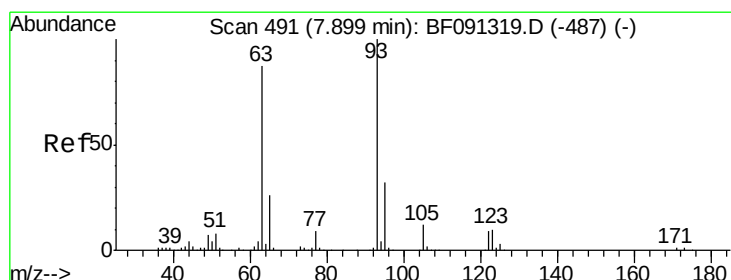
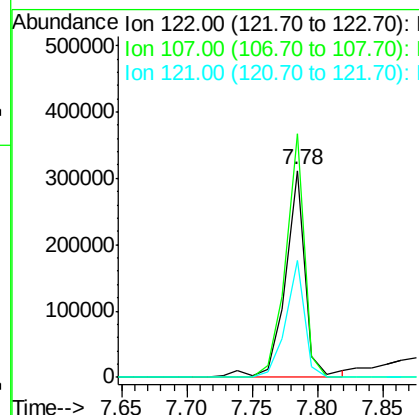
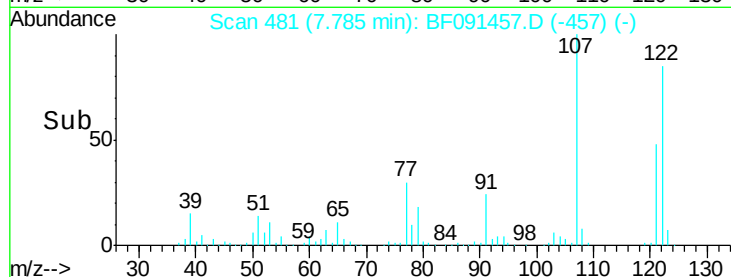
#27
 2,4-Dimethylphenol
 Concen: 40.24 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion: 122 Resp: 334788
 Ion Ratio Lower Upper
 122 100
 107 117.8 96.8 145.2
 121 56.8 47.7 71.5

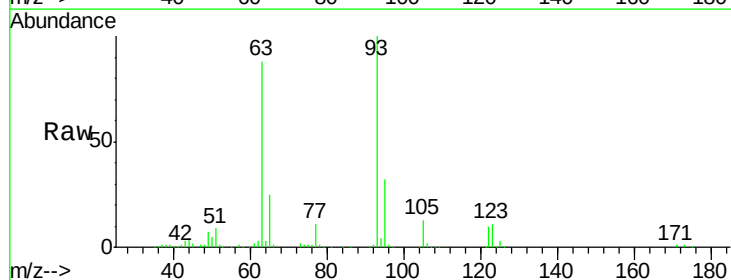


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

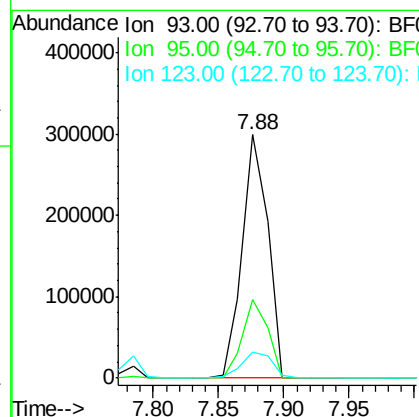
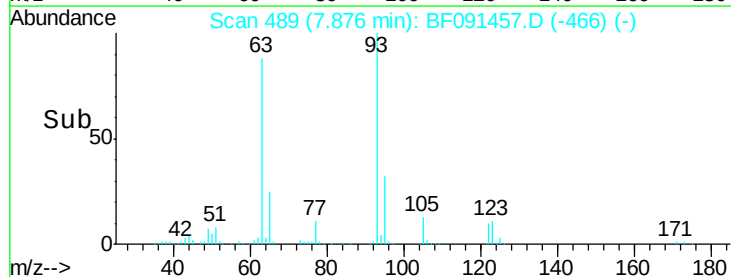


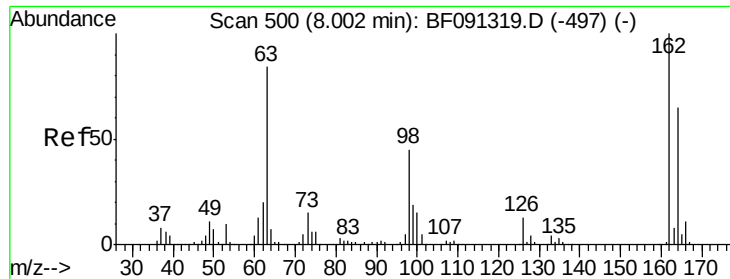
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion: 93 Resp: 406342
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 10.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

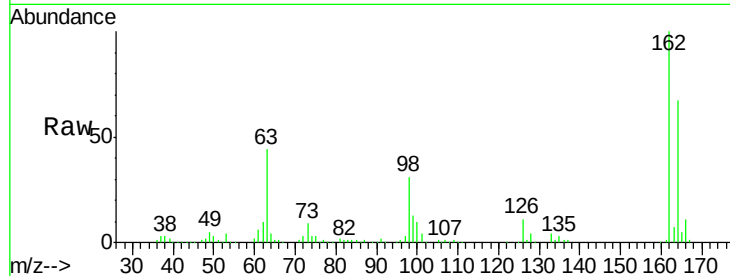




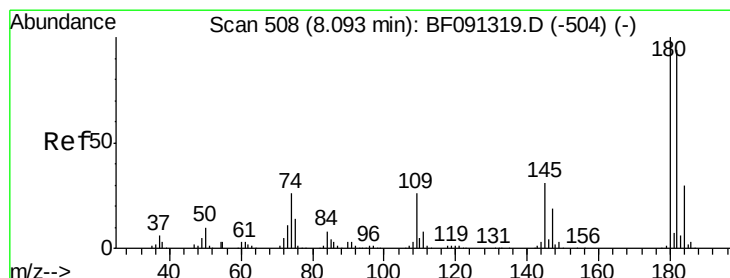
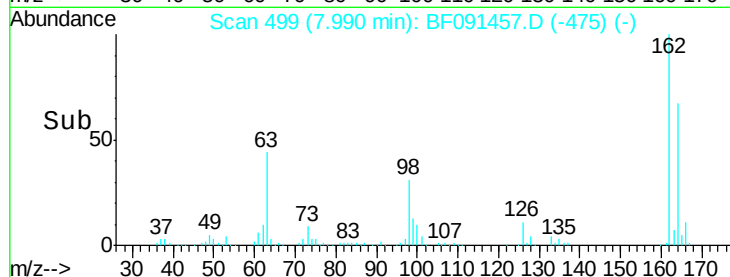
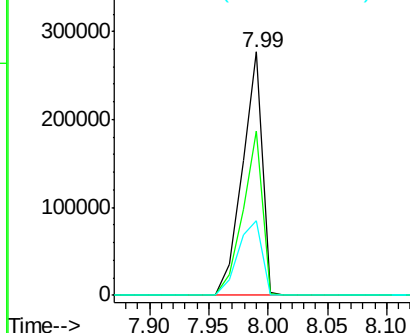
#29
 2,4-Dichlorophenol
 Concen: 44.00 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.3	45.0	85.0
98	30.7	21.3	61.3

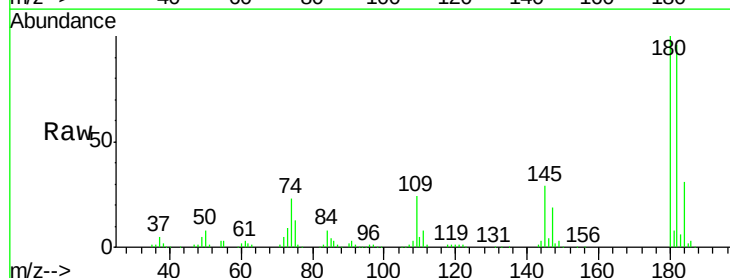


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

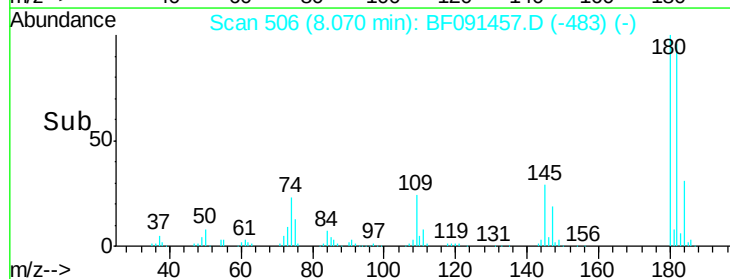
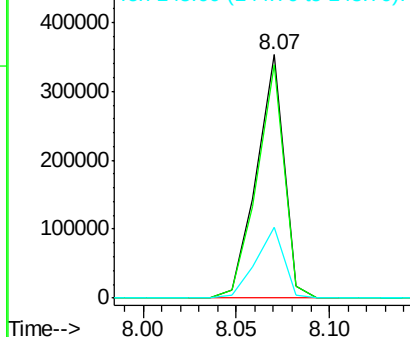


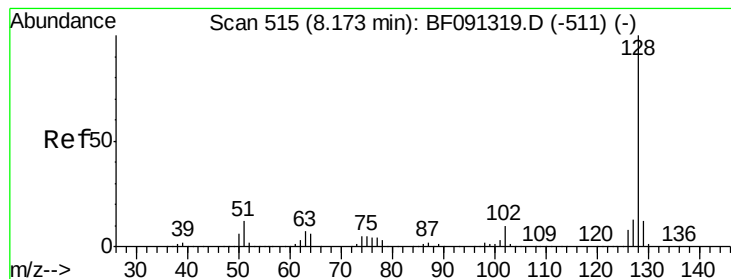
#30
 1,2,4-Trichlorobenzene
 Concen: 43.87 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.8
145	29.2	27.0	40.4



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





#31

Naphthalene

Concen: 42.21 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

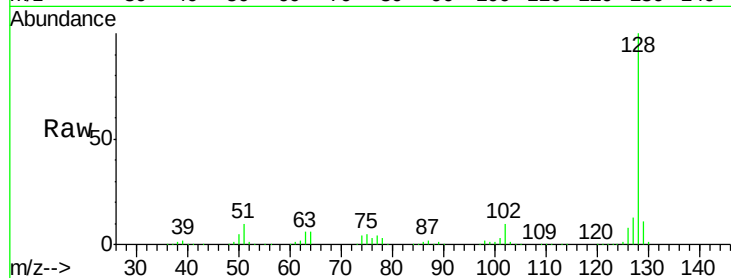
Tgt Ion:128 Resp: 1071634

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

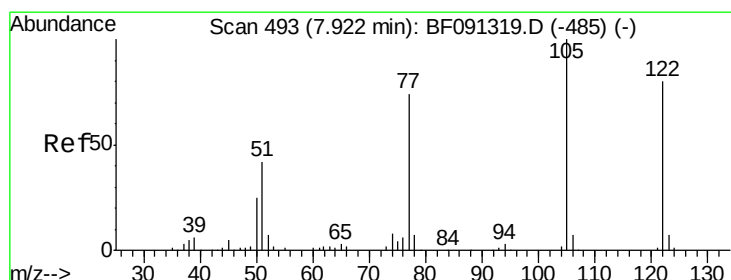
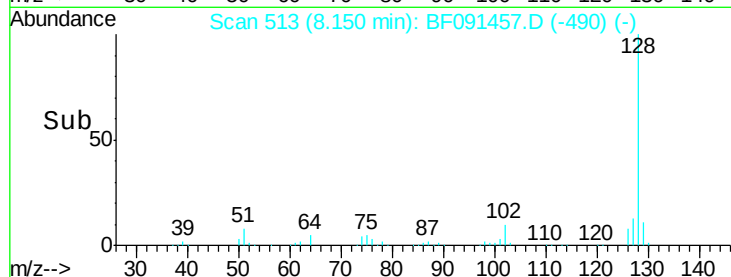
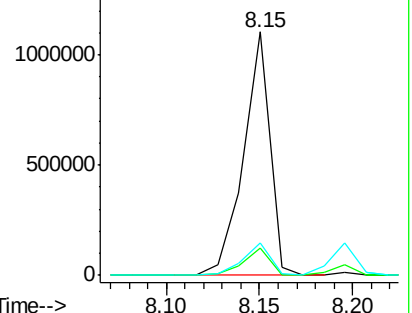
127 13.4 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.70 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

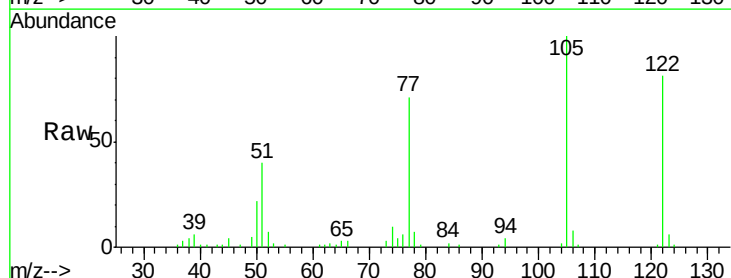
Tgt Ion:122 Resp: 145333

Ion Ratio Lower Upper

122 100

105 122.9 113.0 153.0

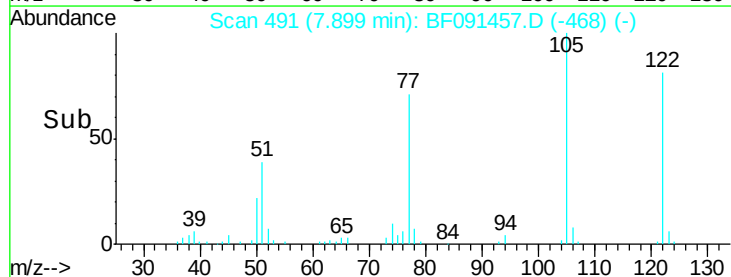
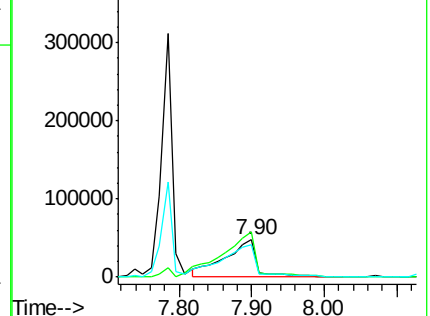
77 87.8 82.0 122.0

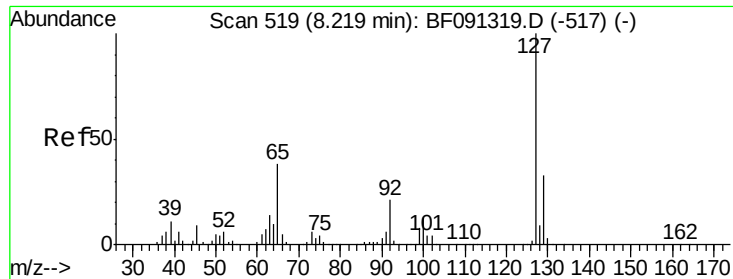


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

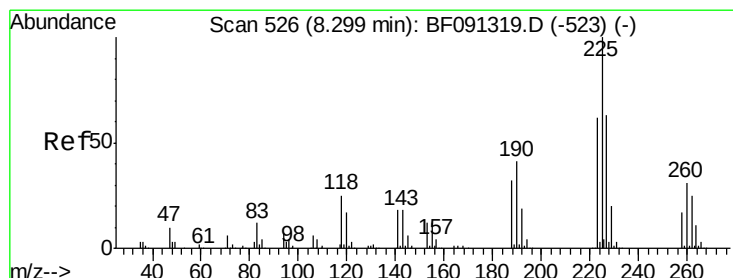
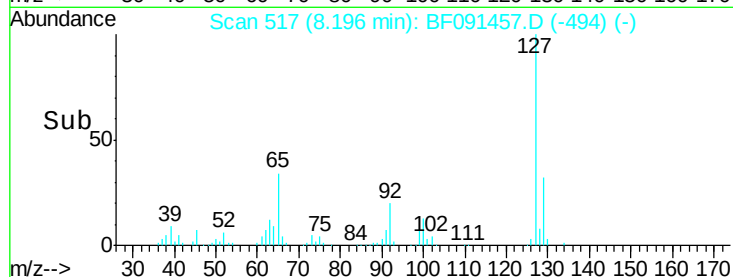
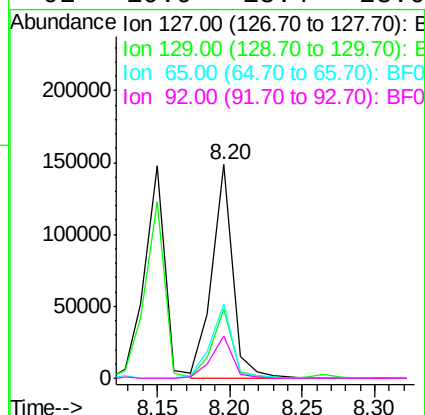
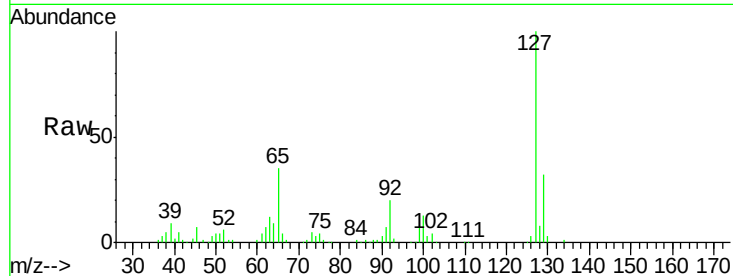




#33
4-Chloroaniline
Concen: 13.69 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

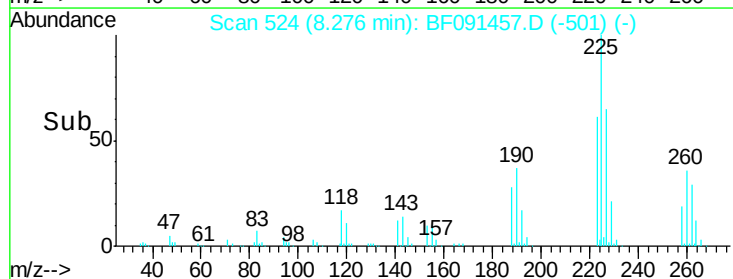
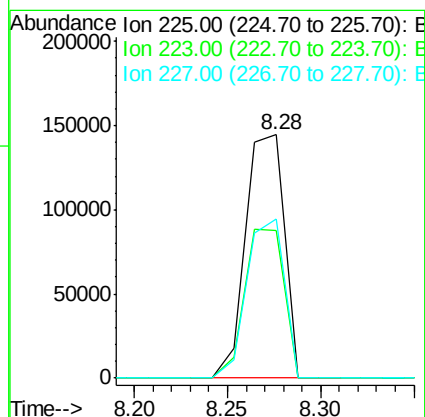
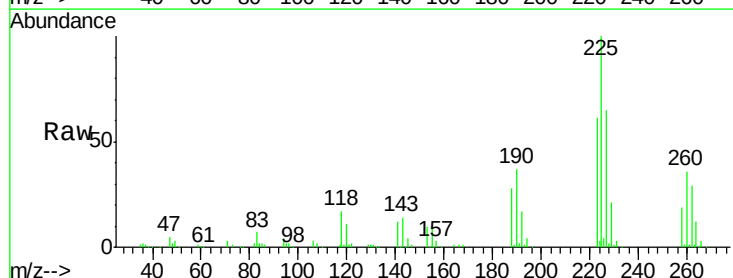
Instrument :
BNA_F
ClientSampleId :
PB95080BS

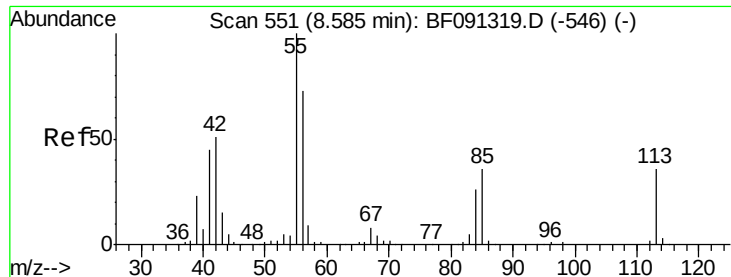
Tgt Ion:	127	Resp:	148529
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	34.5	26.6	39.8
92	19.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.27 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion:	225	Resp:	208214
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.8	74.6
227	65.1	52.6	79.0

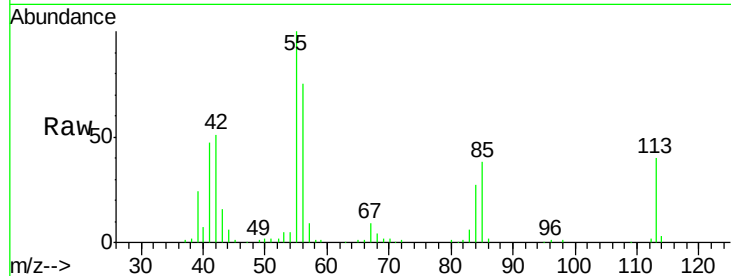




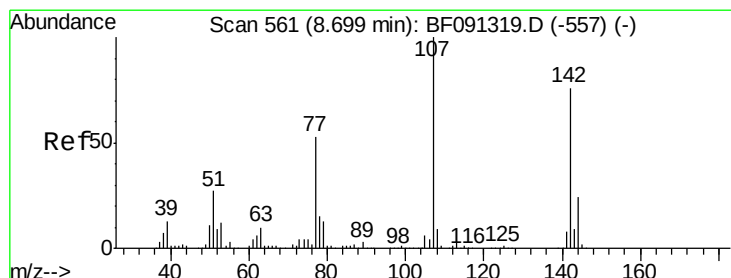
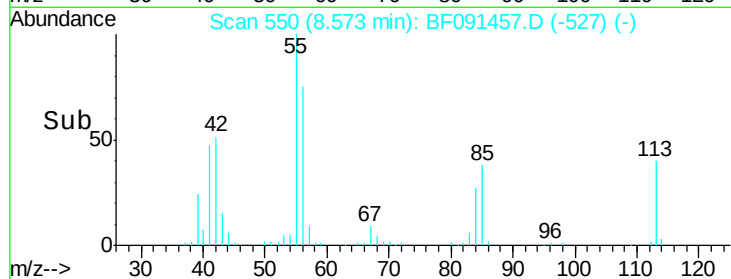
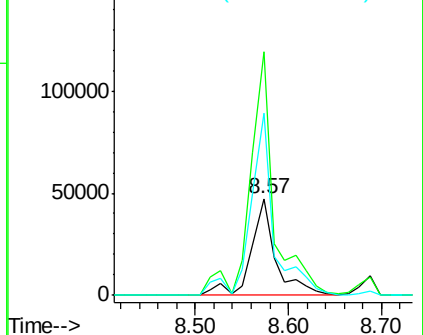
#35
 Caprolactam
 Concen: 41.30 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion:113 Resp: 86880
 Ion Ratio Lower Upper
 113 100
 55 251.3 239.8 279.8
 56 187.9 165.6 205.6

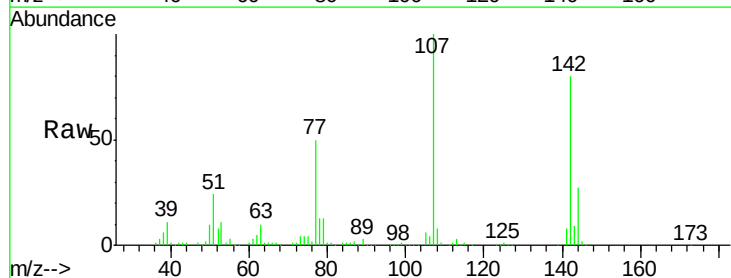


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

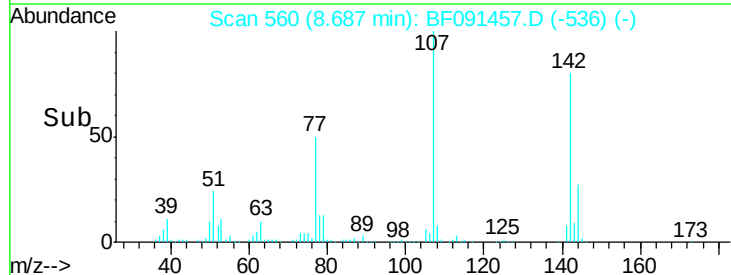
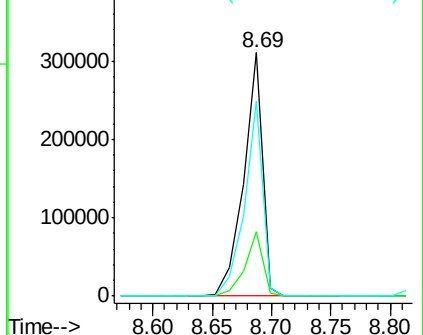


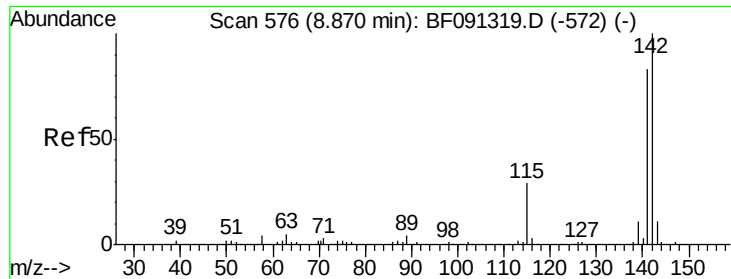
#36
 4-Chloro-3-methylphenol
 Concen: 43.60 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:107 Resp: 344476
 Ion Ratio Lower Upper
 107 100
 144 26.6 18.9 28.3
 142 80.2 58.5 87.7



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

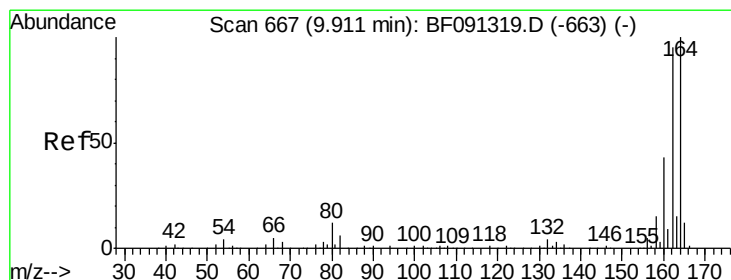
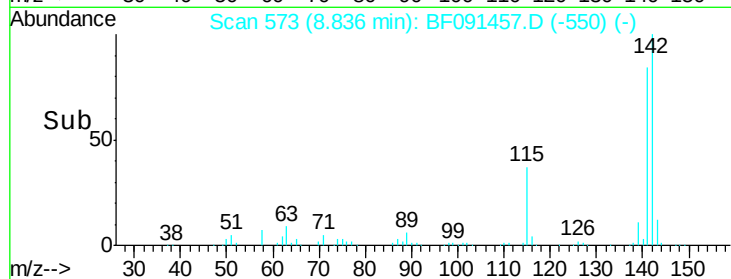
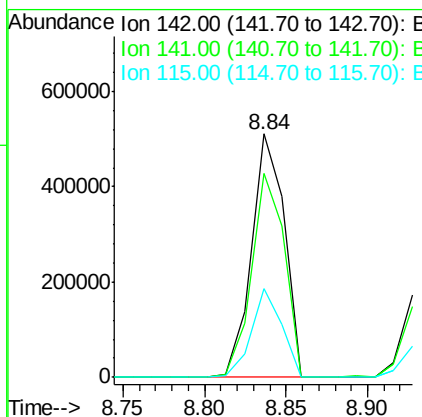
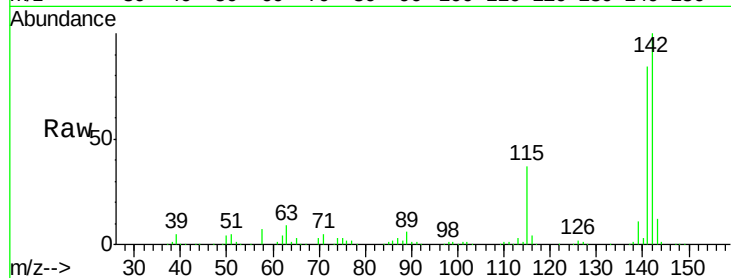




#37
 2-Methylnaphthalene
 Concen: 41.25 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

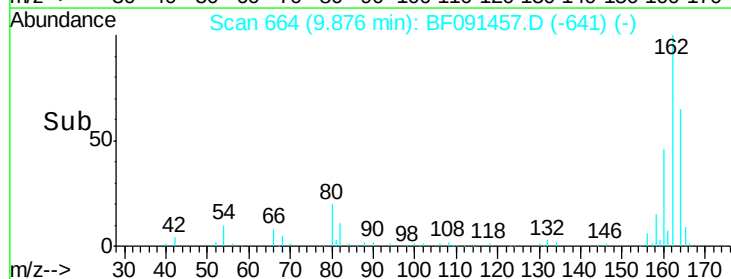
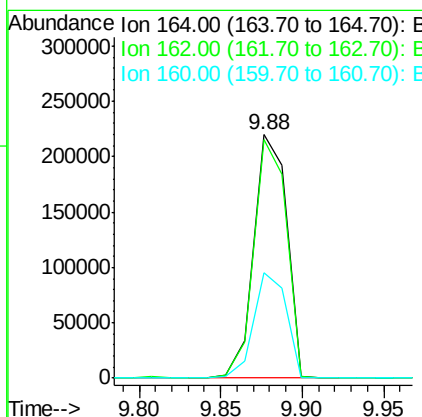
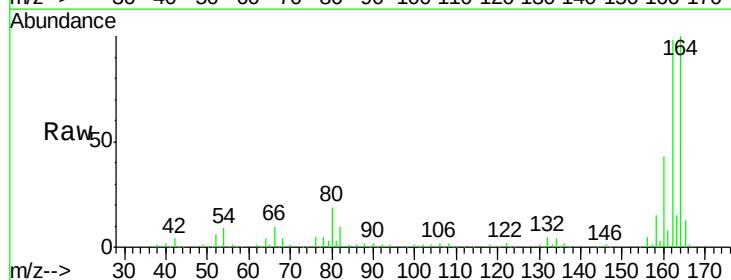
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

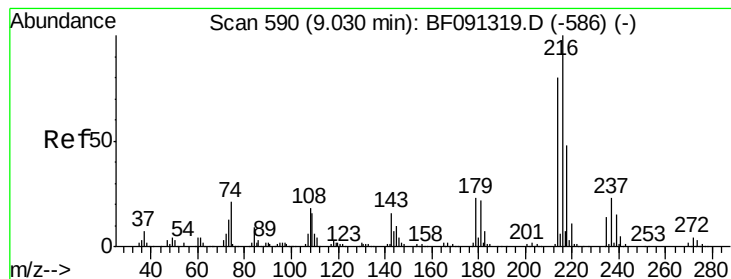
Tgt Ion:142 Resp: 711517
 Ion Ratio Lower Upper
 142 100
 141 83.5 71.7 107.5
 115 36.6 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:164 Resp: 309108
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.6 124.0
 160 43.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.73 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

Tgt Ion:216 Resp: 363647

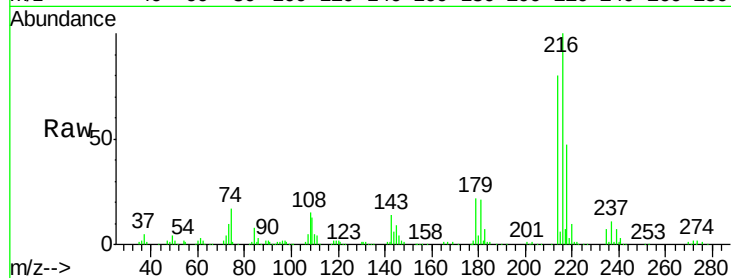
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.9 18.2 27.2

108 18.3 17.2 25.8

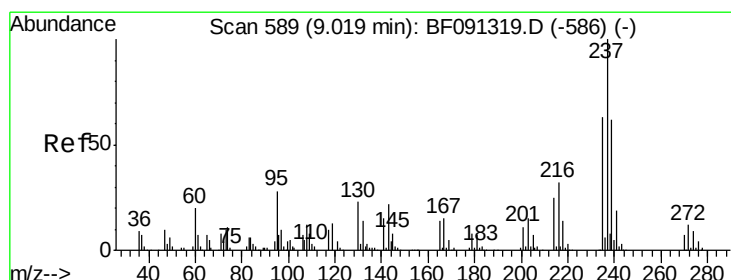
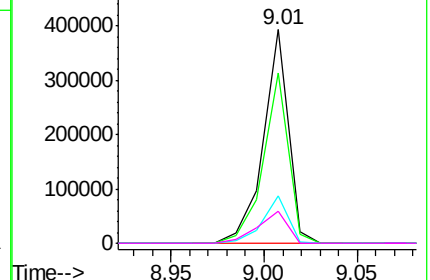
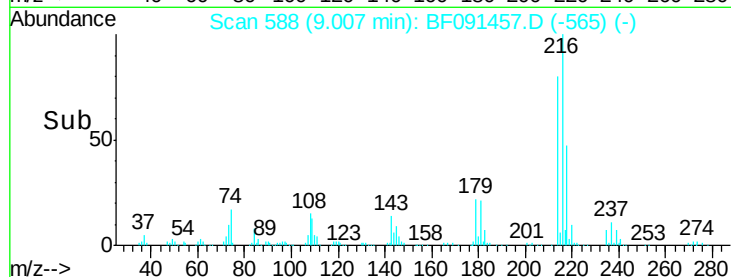


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.69 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

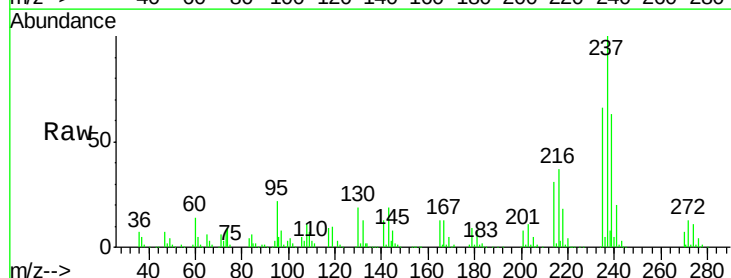
Tgt Ion:237 Resp: 273429

Ion Ratio Lower Upper

237 100

235 65.7 43.9 83.9

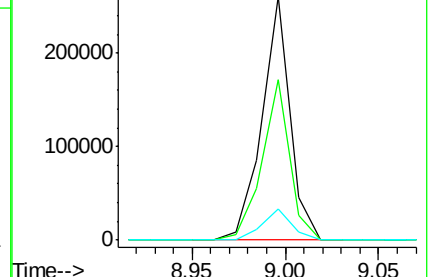
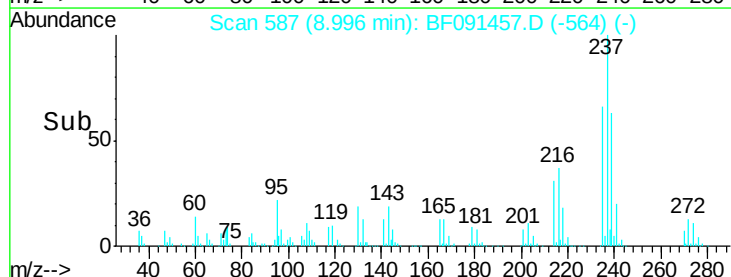
272 12.9 0.0 33.1

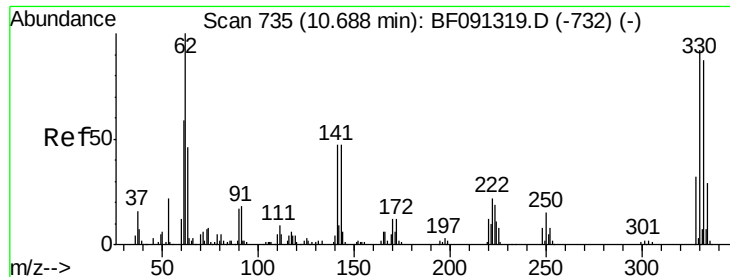


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

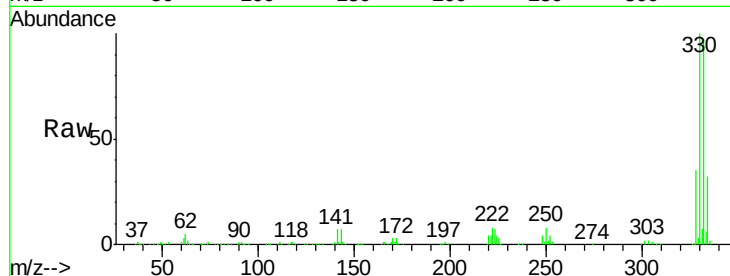




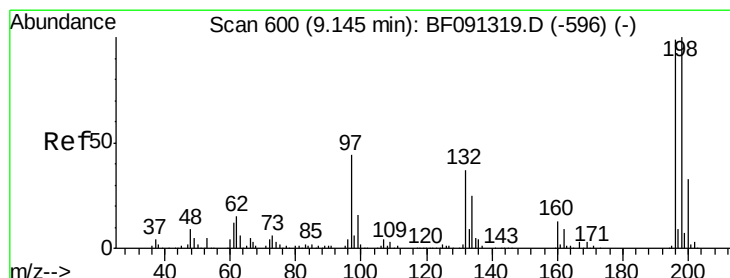
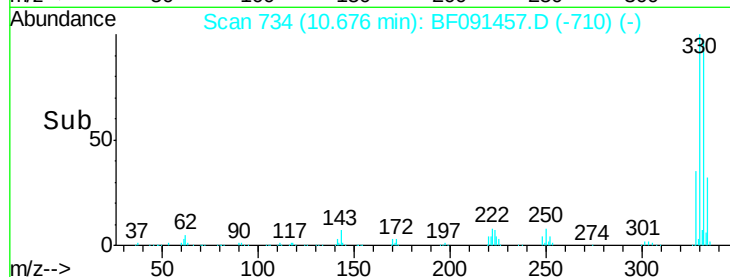
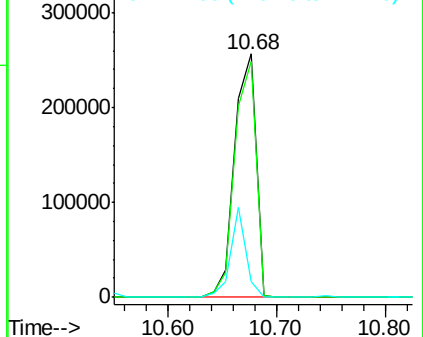
#41
 2,4,6-Tribromophenol
 Concen: 118.43 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion:330 Resp: 346555
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 26.3 33.6 50.4#

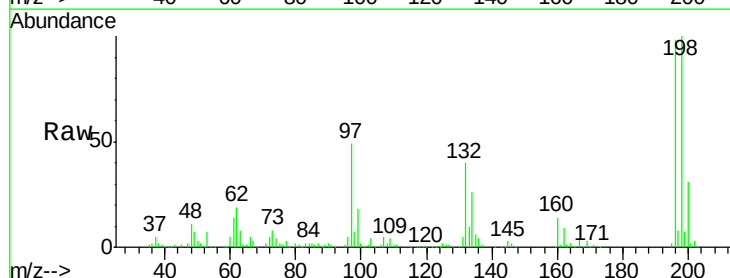


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

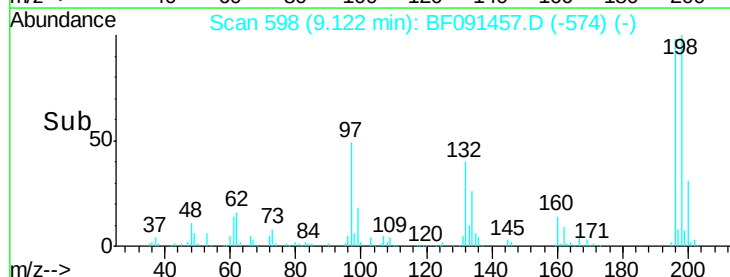
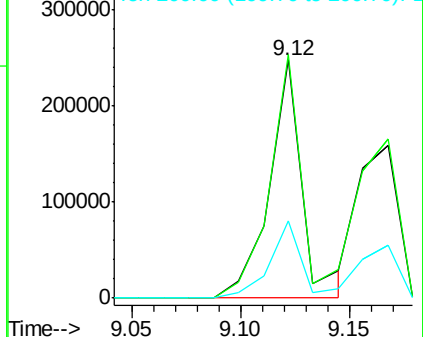


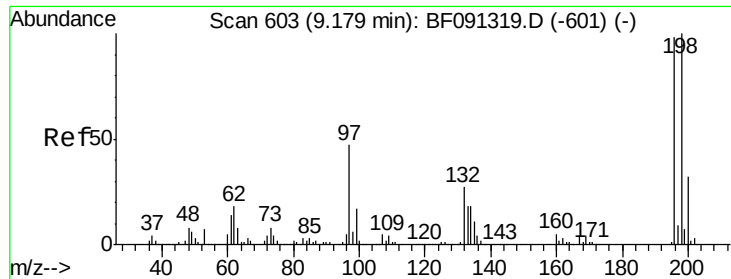
#42
 2,4,6-Trichlorophenol
 Concen: 46.53 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:196 Resp: 263538
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.4 116.0
 200 32.2 25.2 37.8



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

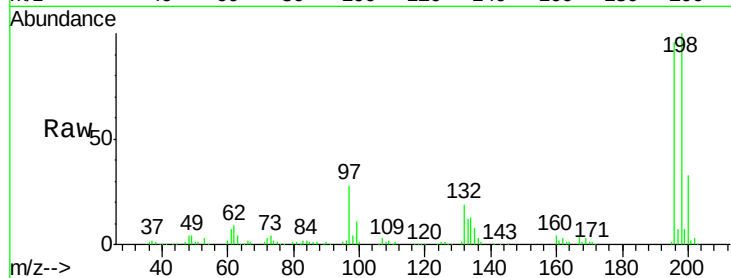




#43
 2,4,5-Trichlorophenol
 Concen: 35.99 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.6	77.0	115.6
97	29.0	33.5	50.3#
132	19.9	20.5	30.7#



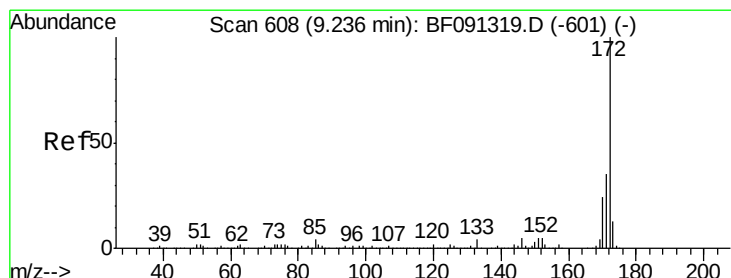
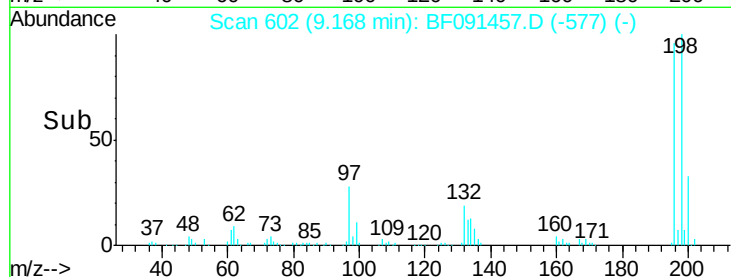
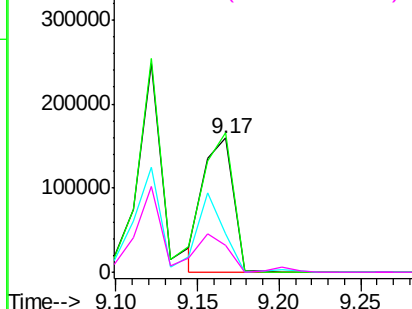
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

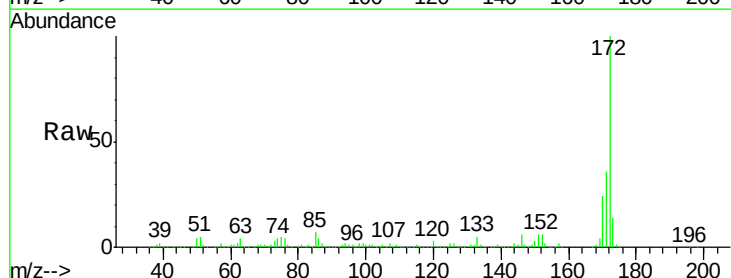
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	19.7	29.5

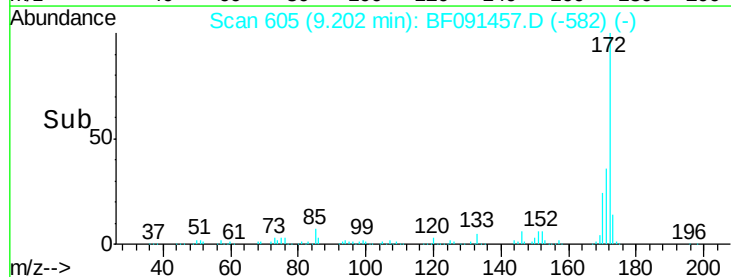
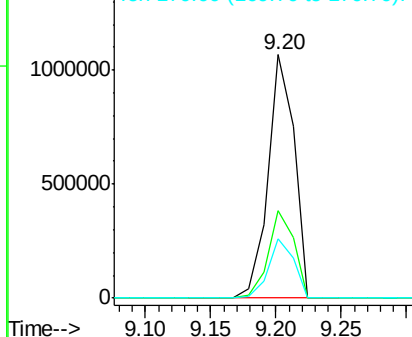


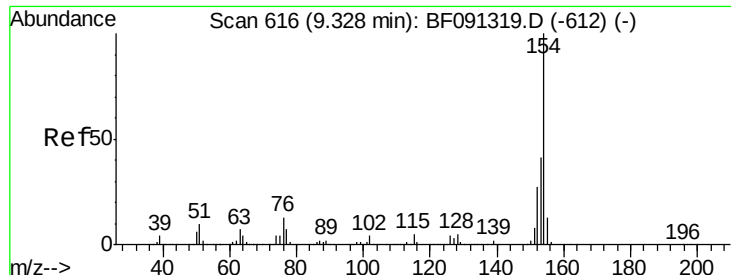
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.05 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

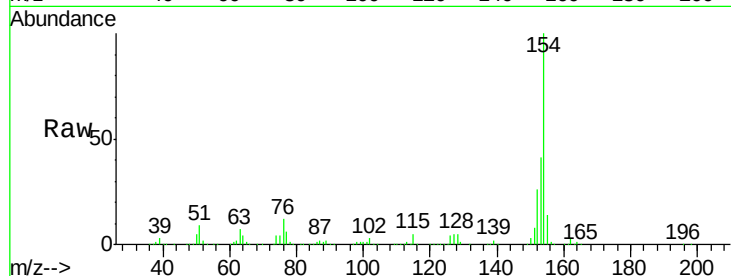
Tgt Ion:154 Resp: 890090

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

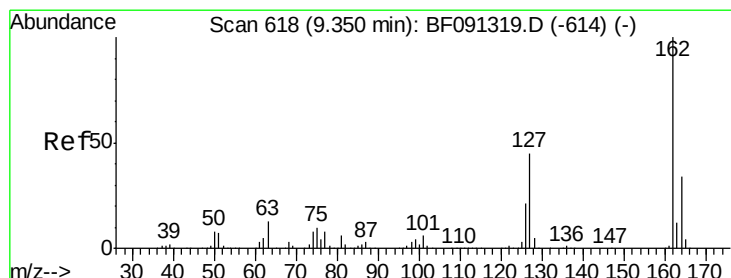
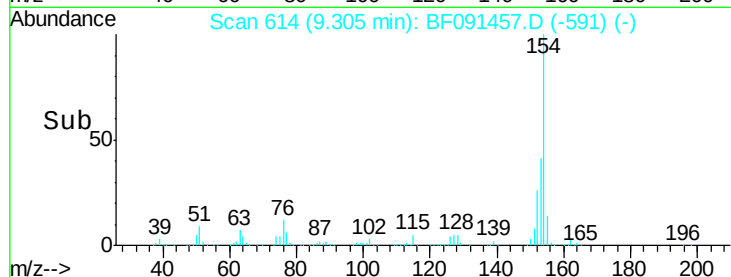
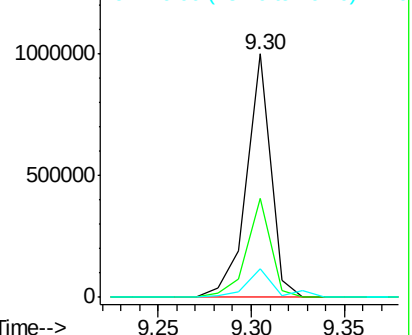
76 11.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.70 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

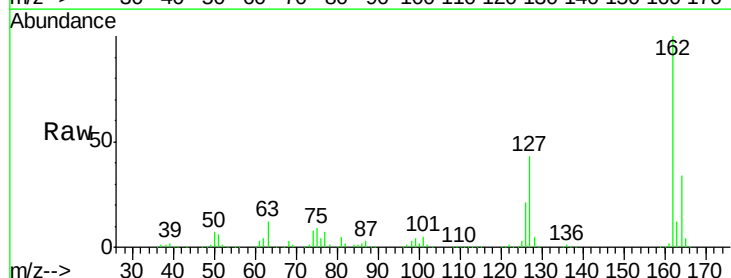
Tgt Ion:162 Resp: 640547

Ion Ratio Lower Upper

162 100

127 42.9 34.3 51.5

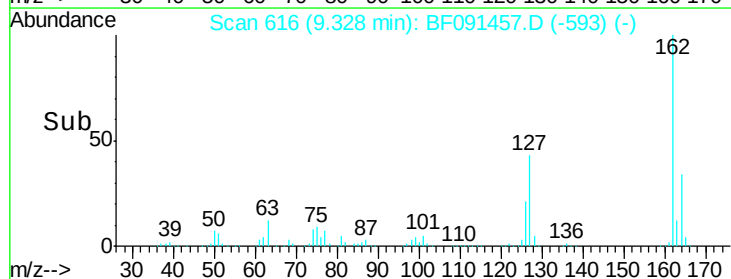
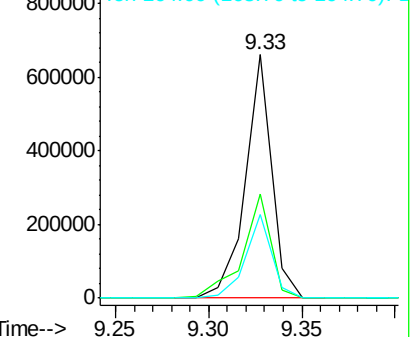
164 34.1 26.6 40.0

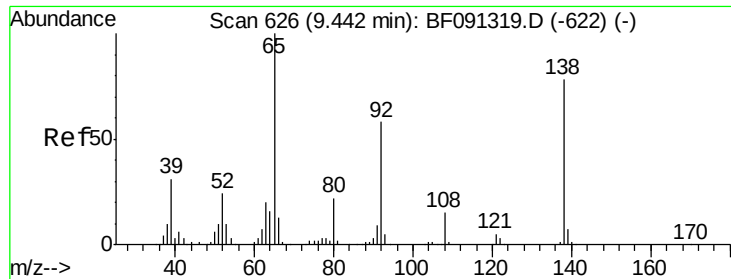


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

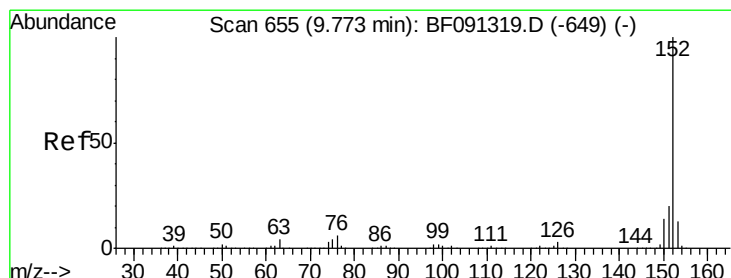
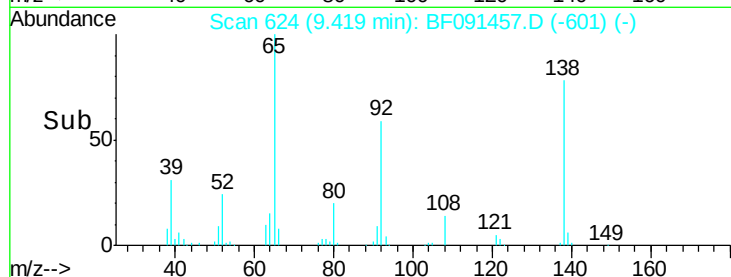
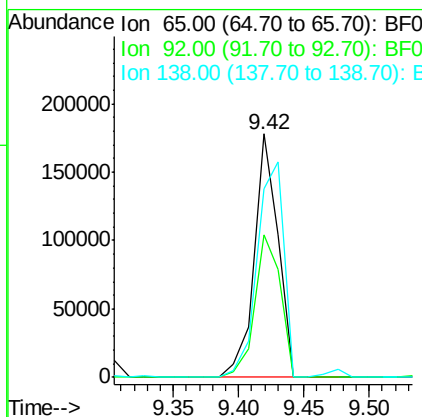
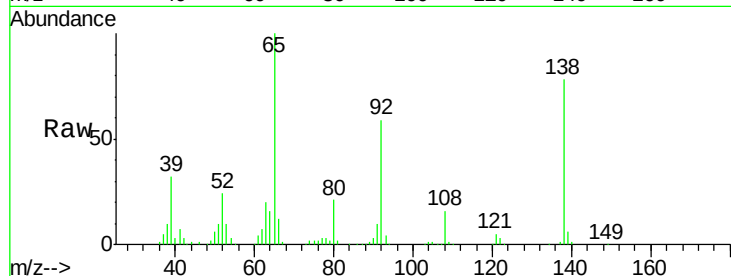




#47
2-Nitroaniline
Concen: 38.13 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

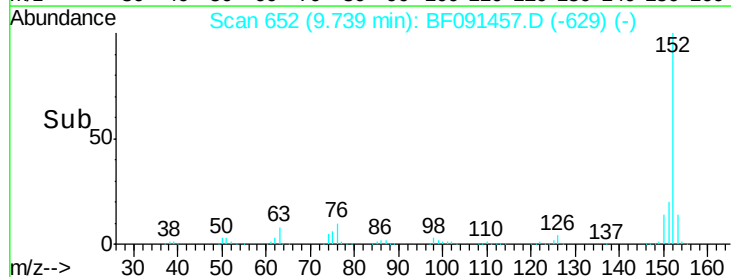
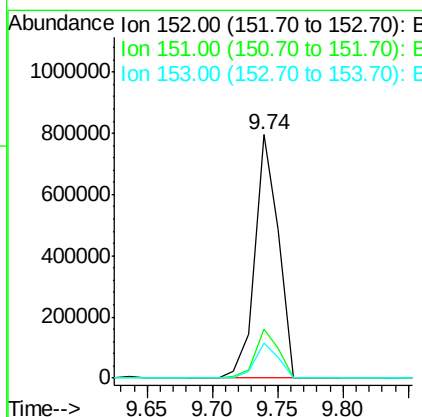
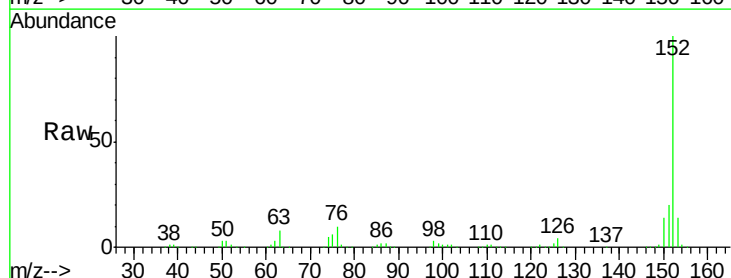
Instrument :
BNA_F
ClientSampleId :
PB95080BS

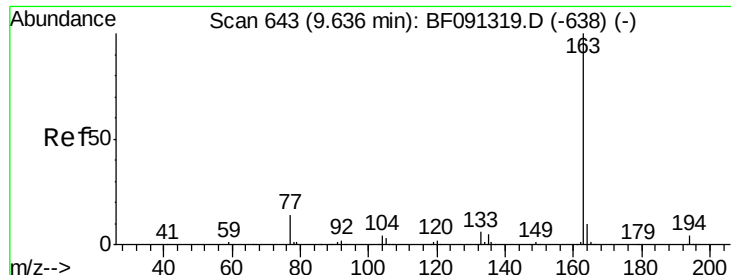
Tgt Ion: 65 Resp: 226688
Ion Ratio Lower Upper
65 100
92 58.5 53.6 80.4
138 77.6 91.0 136.6#



#48
Acenaphthylene
Concen: 38.20 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 152 Resp: 995400
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 14.2 10.7 16.1

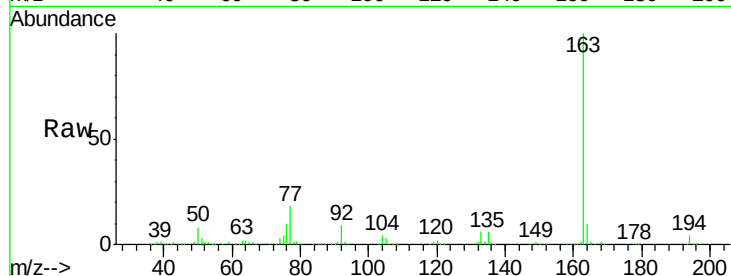




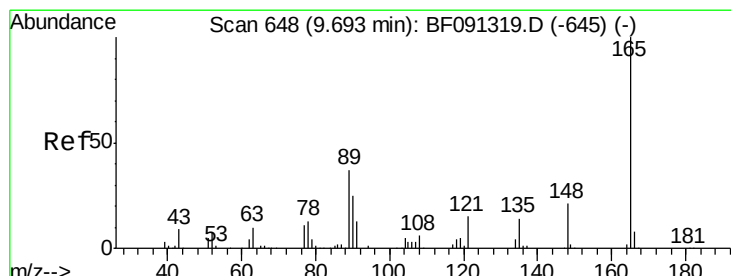
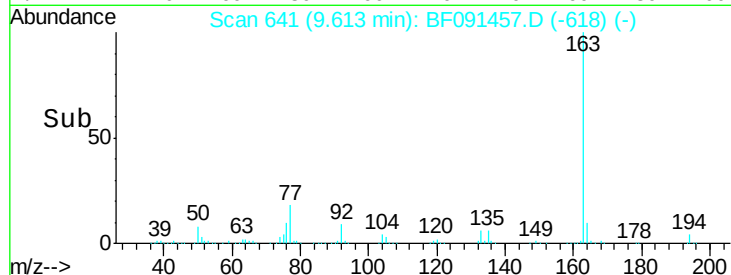
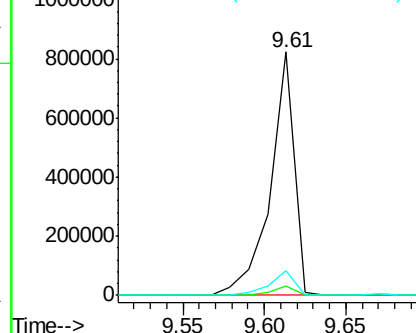
#49
Dimethylphthalate
Concen: 44.78 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Instrument :
BNA_F
ClientSampleId :
PB95080BS

Tgt Ion:163 Resp: 838188
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.8 11.8

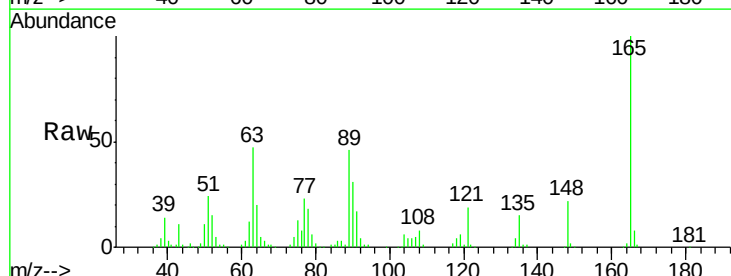


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

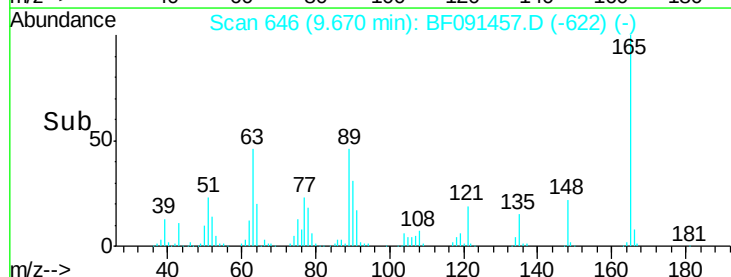
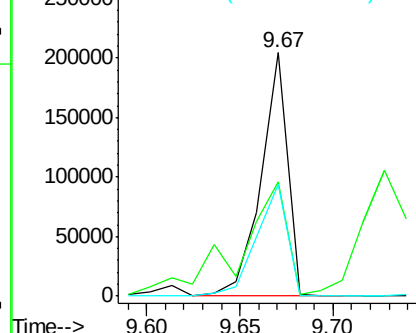


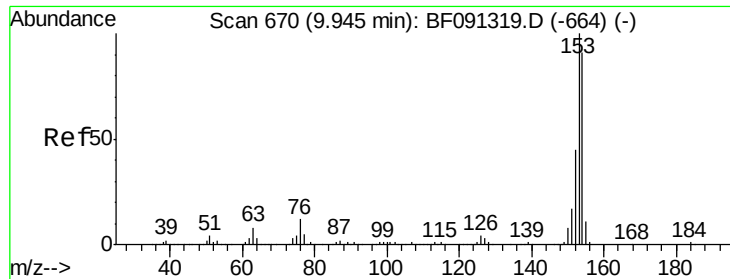
#50
2,6-Dinitrotoluene
Concen: 47.86 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion:165 Resp: 200196
Ion Ratio Lower Upper
165 100
63 46.9 59.4 89.0#
89 46.0 50.8 76.2#



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





#51

Acenaphthene

Concen: 36.77 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

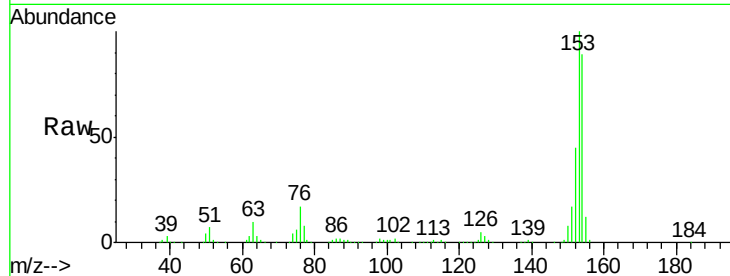
Tgt Ion:154 Resp: 646307

Ion Ratio Lower Upper

154 100

153 112.0 91.0 136.6

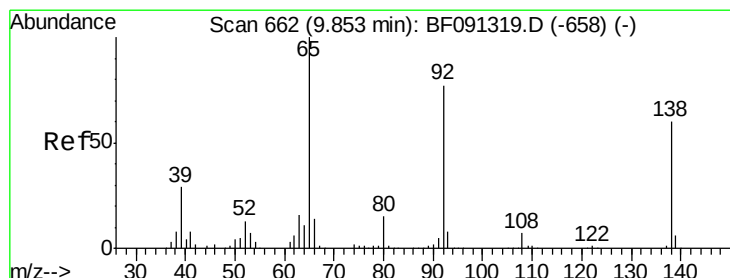
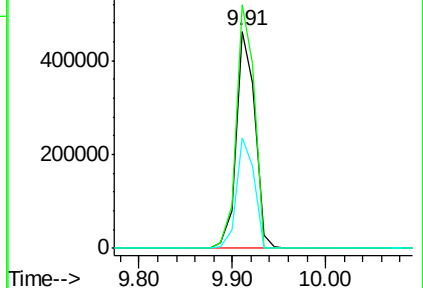
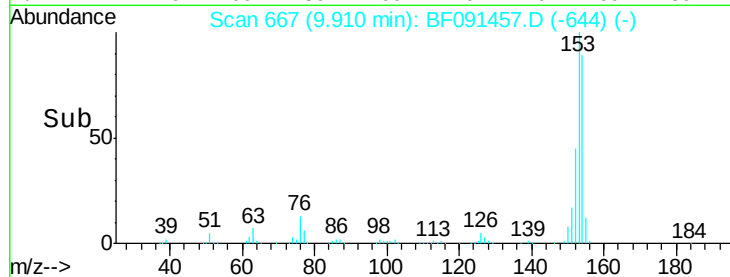
152 50.7 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.15 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

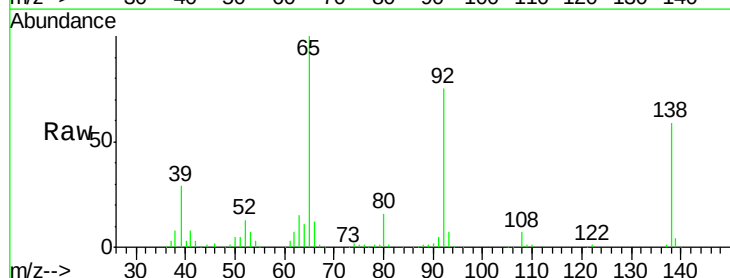
Tgt Ion:138 Resp: 107273

Ion Ratio Lower Upper

138 100

108 11.5 8.1 12.1

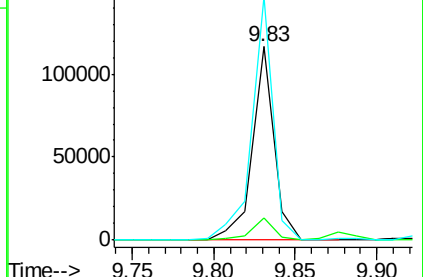
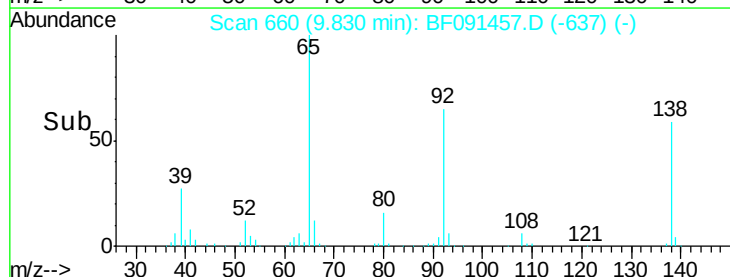
92 125.9 92.5 138.7

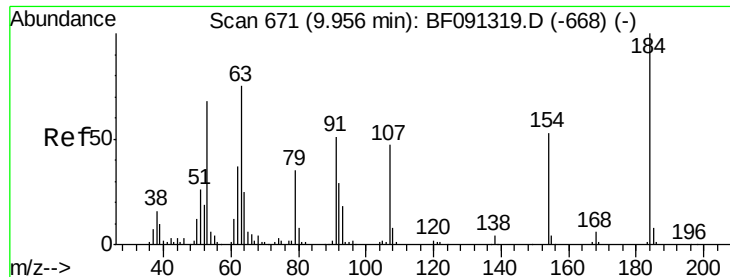


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

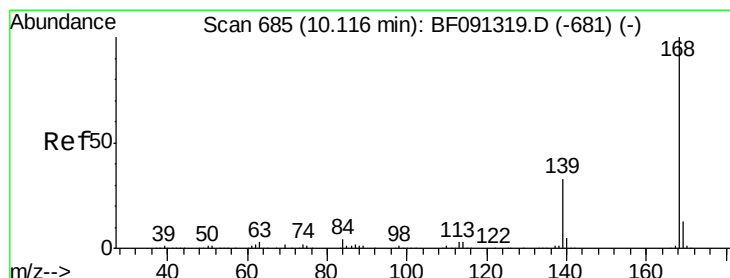
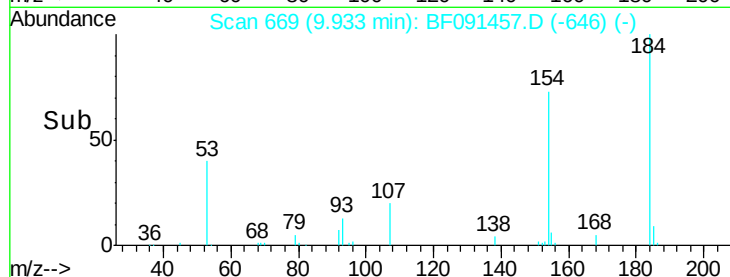
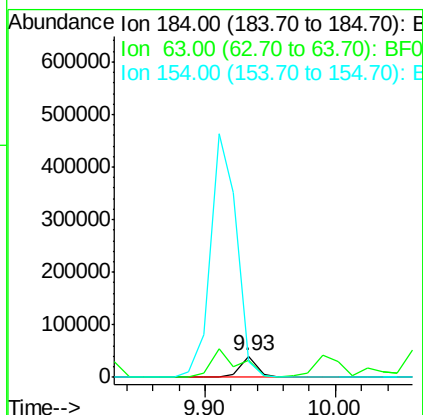
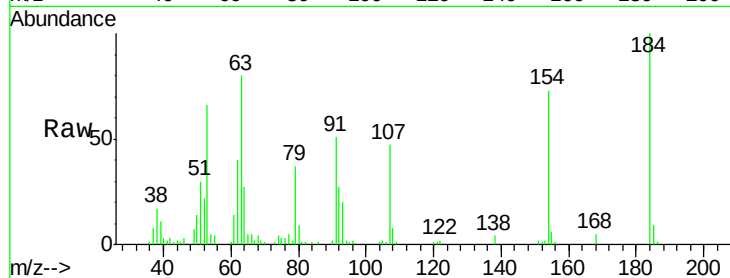




#53
 2,4-Dinitrophenol
 Concen: 20.36 ng
 RT: 9.93 min Scan# 669
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

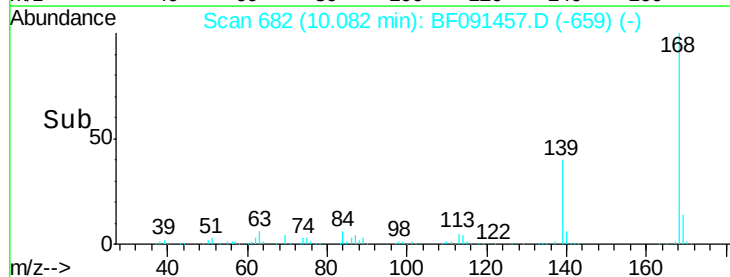
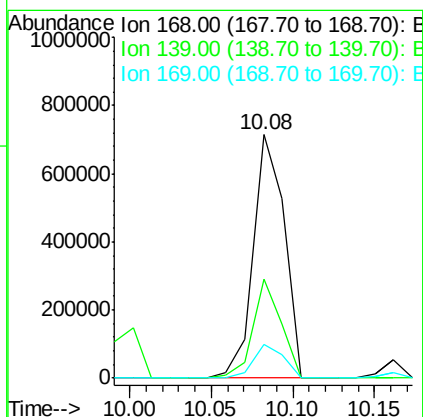
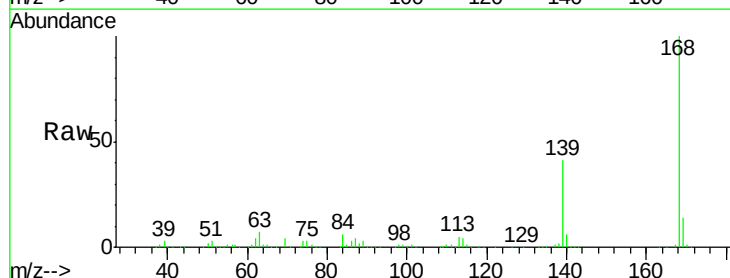
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

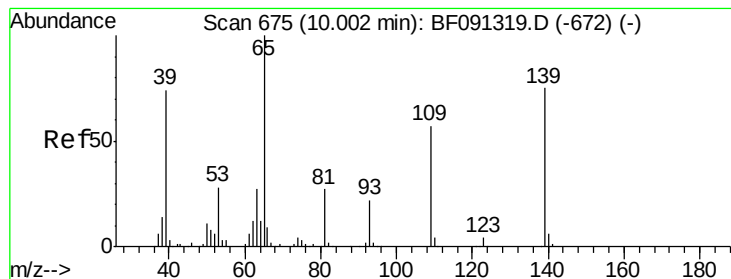
Tgt Ion:184 Resp: 37238
 Ion Ratio Lower Upper
 184 100
 63 80.3 58.3 87.5
 154 73.3 48.6 73.0#



#54
 Dibenzofuran
 Concen: 40.06 ng
 RT: 10.08 min Scan# 682
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:168 Resp: 942740
 Ion Ratio Lower Upper
 168 100
 139 40.5 33.4 50.2
 169 13.8 11.1 16.7





#55

4-Nitrophenol

Concen: 54.12 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

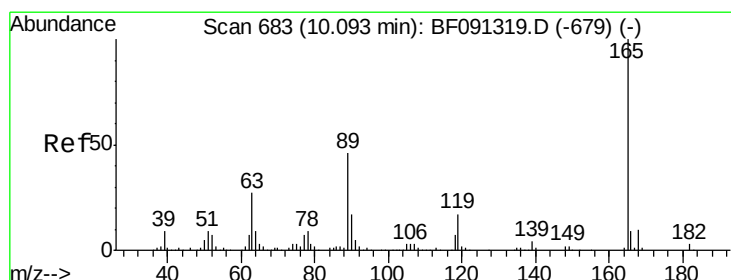
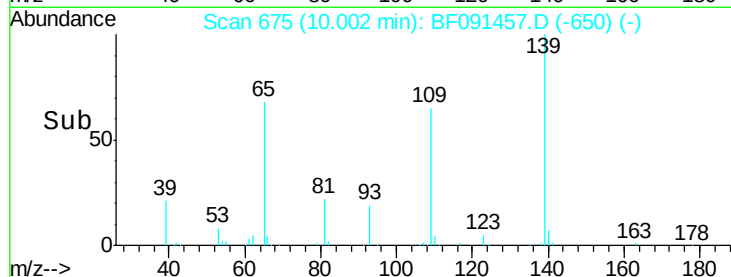
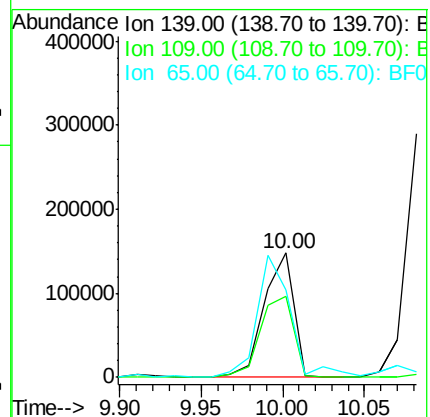
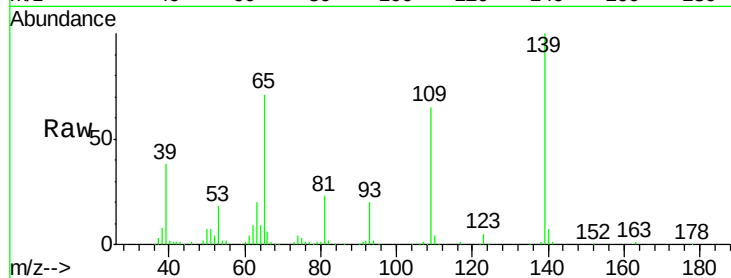
Tgt Ion:139 Resp: 189285

Ion Ratio Lower Upper

139 100

109 65.4 54.9 94.9

65 70.5 102.2 142.2#



#56

2,4-Dinitrotoluene

Concen: 47.56 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Tgt Ion:165 Resp: 258061

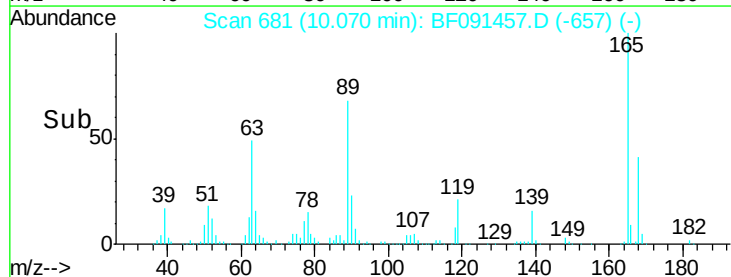
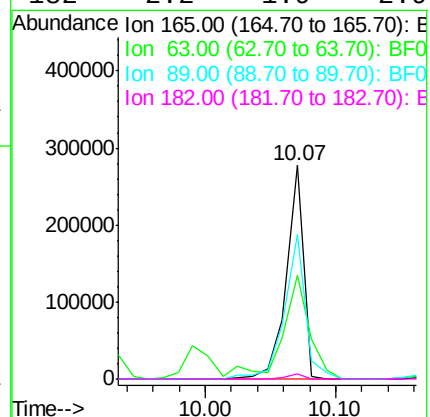
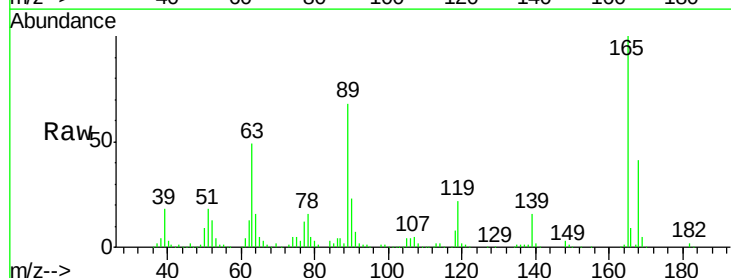
Ion Ratio Lower Upper

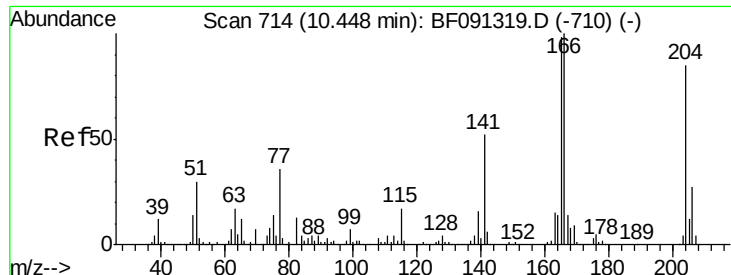
165 100

63 48.8 29.0 43.4#

89 67.9 43.1 64.7#

182 2.2 1.9 2.9

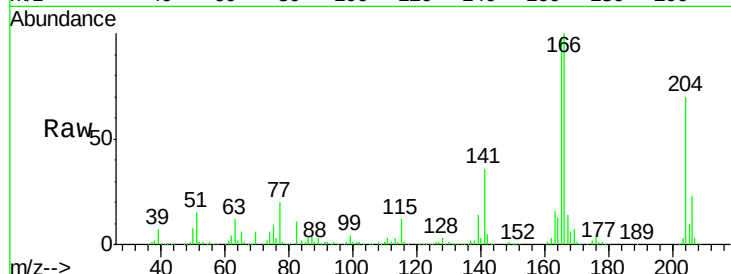




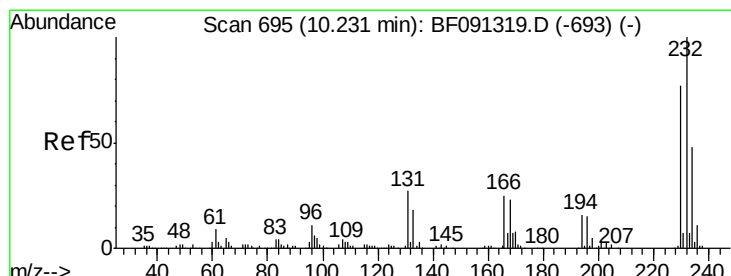
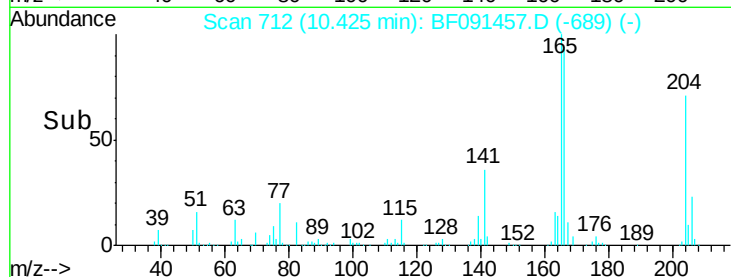
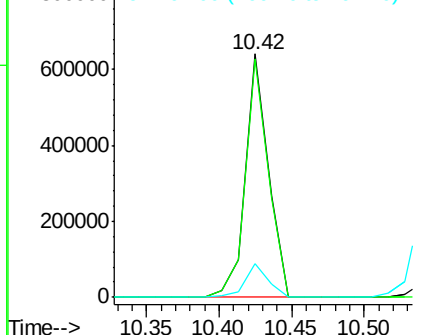
#57
Fluorene
 Concen: 39.03 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion:166 Resp: 705163
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 14.1 10.8 16.2

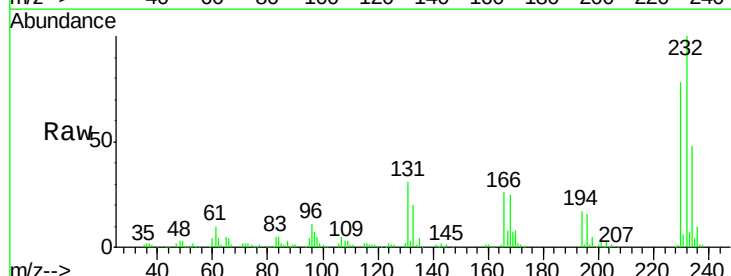


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

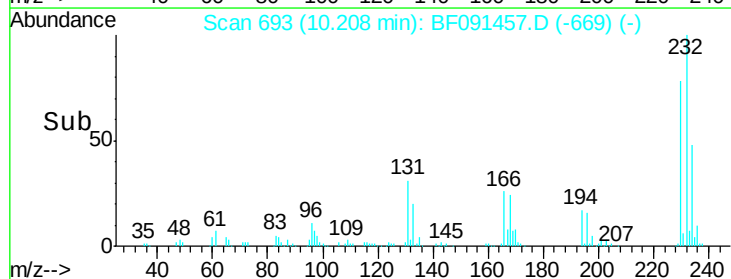
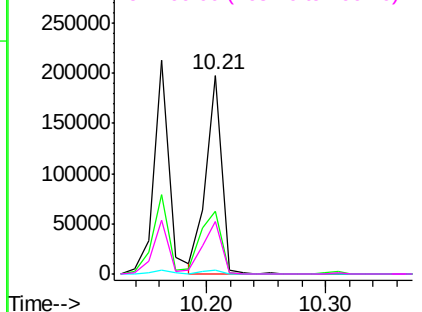


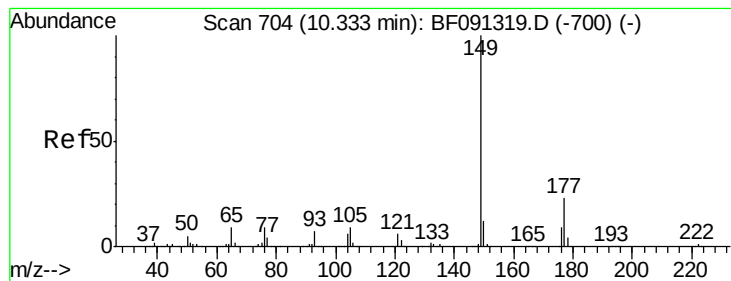
#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.21 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.03 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:232 Resp: 185177
 Ion Ratio Lower Upper
 232 100
 131 40.6 38.4 57.6
 130 2.1 1.8 2.8
 166 30.3 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.69 ng

RT: 10.31 min Scan# 702

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

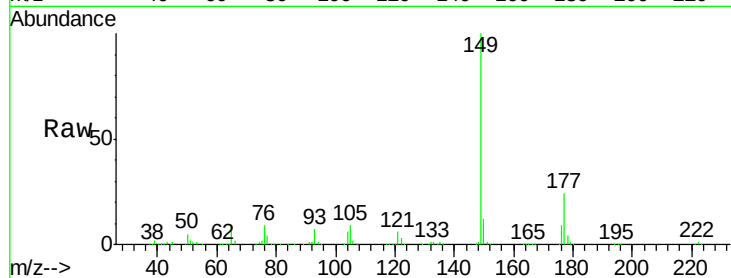
Tgt Ion:149 Resp: 825672

Ion Ratio Lower Upper

149 100

177 23.6 15.7 23.5#

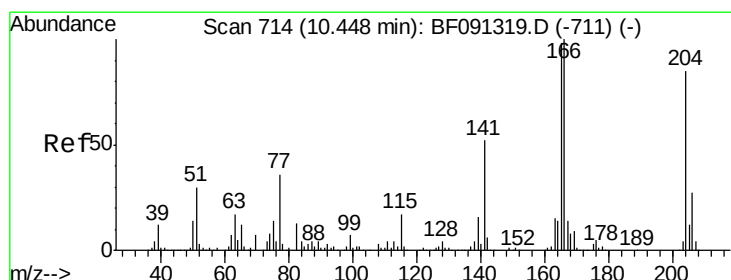
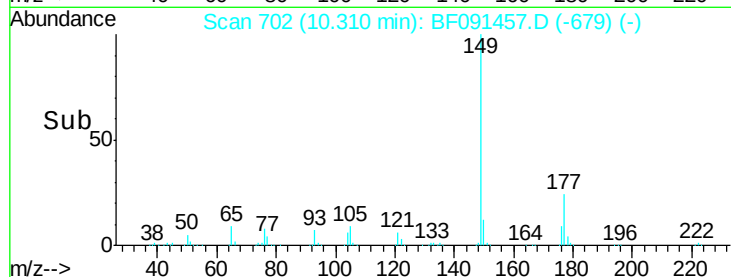
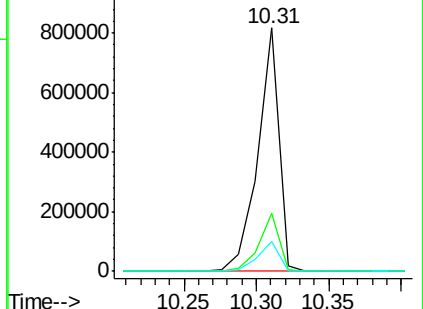
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.03 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

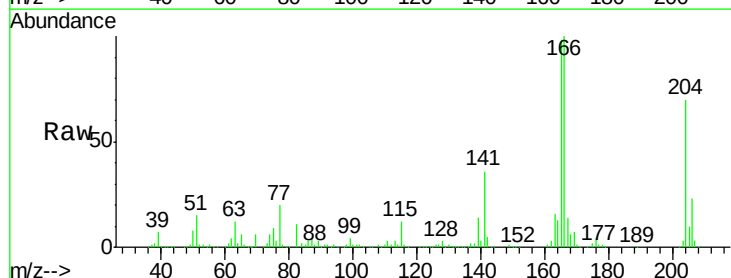
Tgt Ion:204 Resp: 398934

Ion Ratio Lower Upper

204 100

206 32.9 26.1 39.1

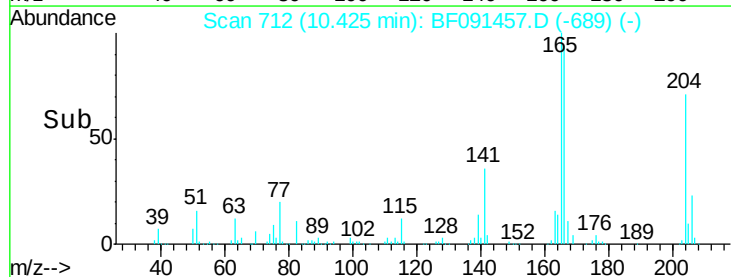
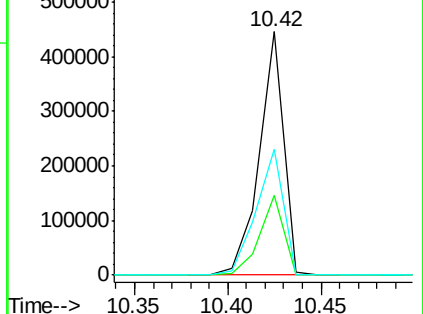
141 51.8 40.6 61.0

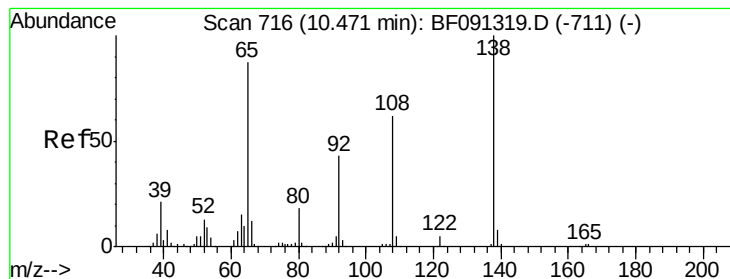


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.52 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

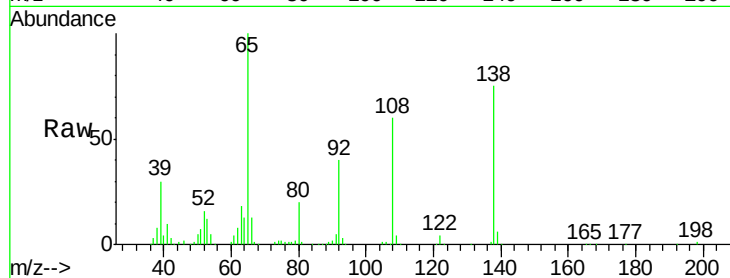
Tgt Ion:138 Resp: 166052

Ion Ratio Lower Upper

138 100

92 54.2 26.9 66.9

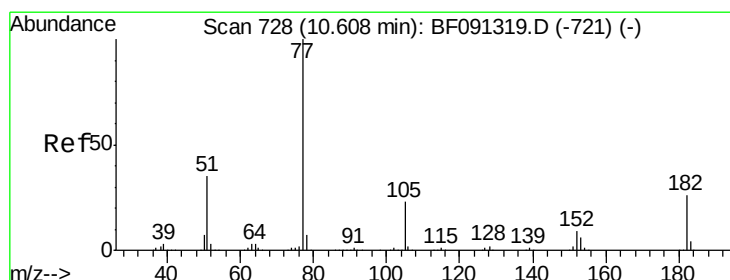
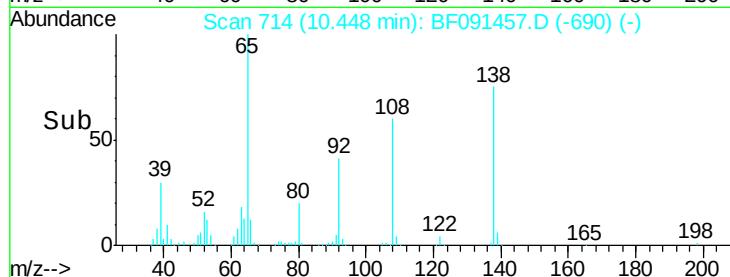
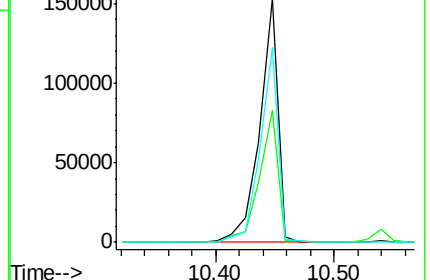
108 80.3 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.72 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Tgt Ion: 77 Resp: 843061

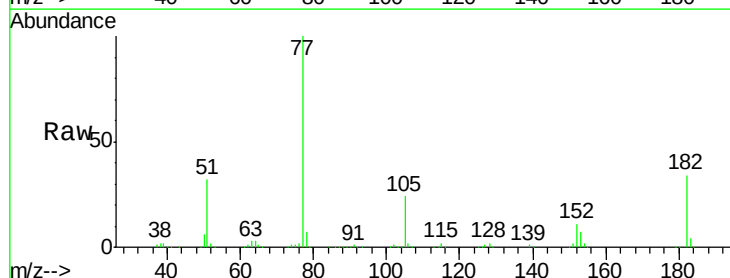
Ion Ratio Lower Upper

77 100

182 34.0 12.5 52.5

105 23.6 3.7 43.7

51 32.3 11.9 51.9

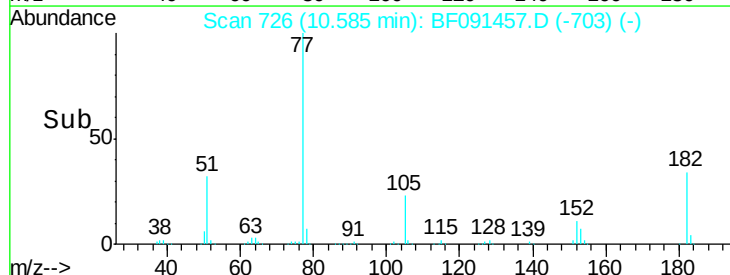
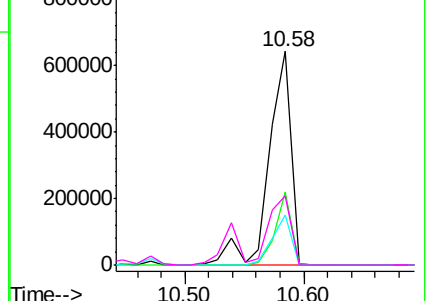


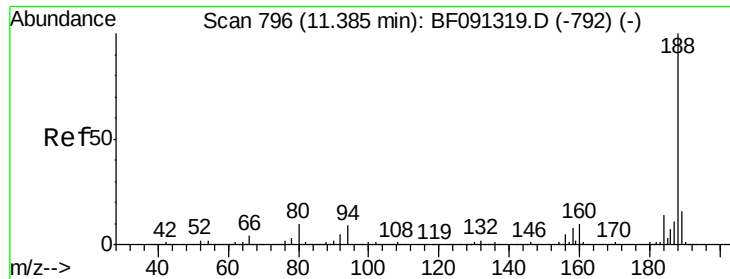
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

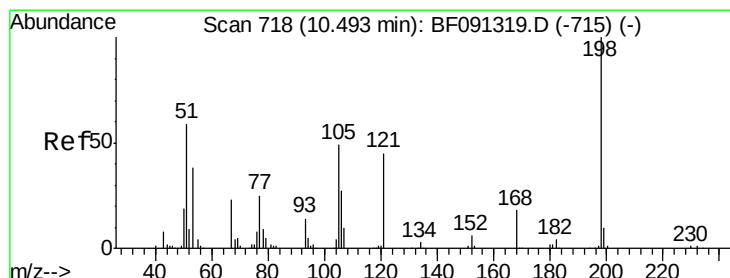
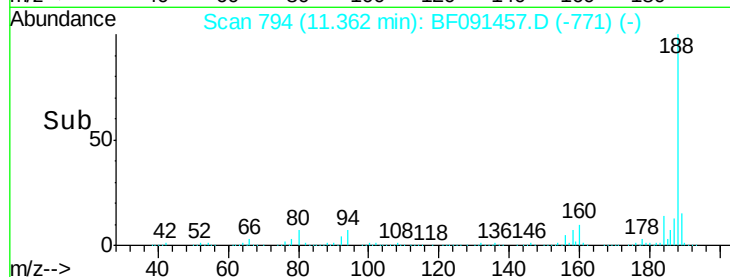
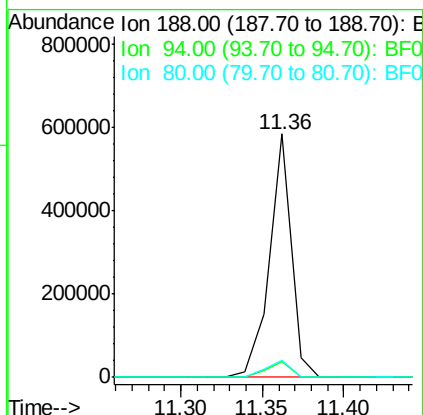
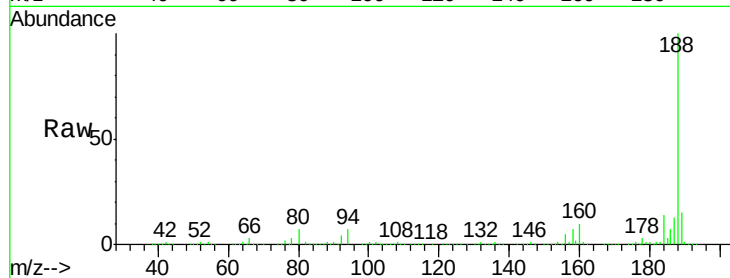




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

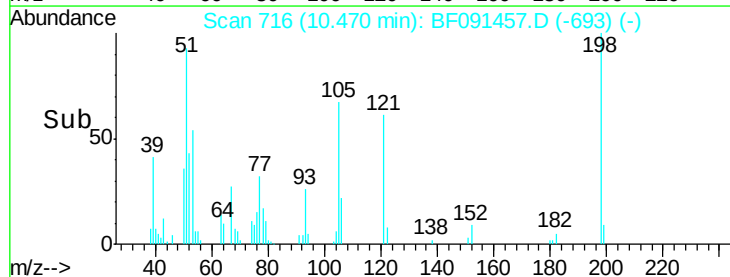
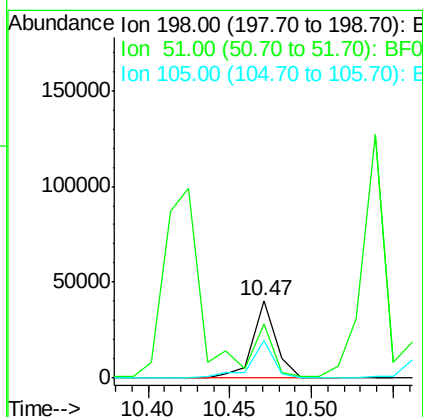
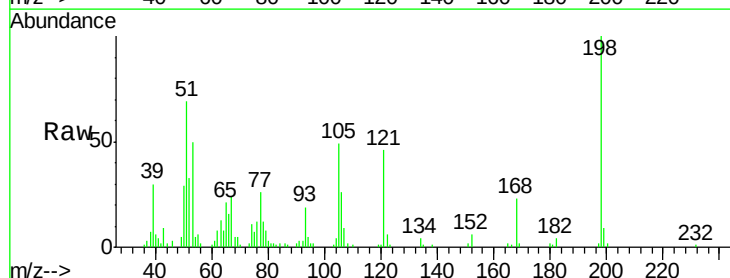
Instrument :
BNA_F
ClientSampleId :
PB95080BS

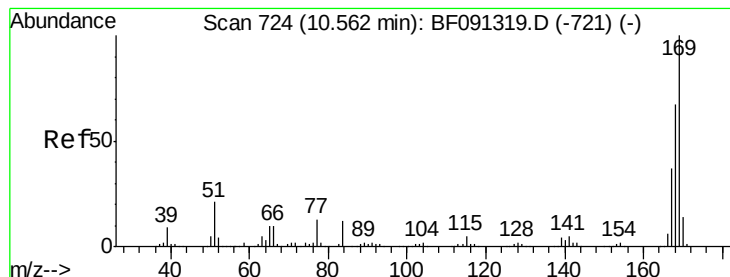
Tgt Ion:188 Resp: 547774
Ion Ratio Lower Upper
188 100
94 6.5 9.2 13.8#
80 6.9 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 13.29 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion:198 Resp: 40103
Ion Ratio Lower Upper
198 100
51 69.4 77.1 117.1#
105 48.9 44.8 84.8

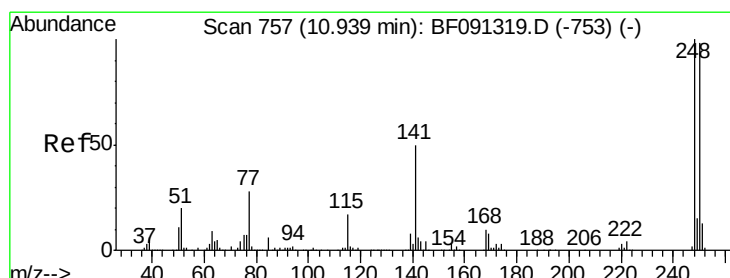
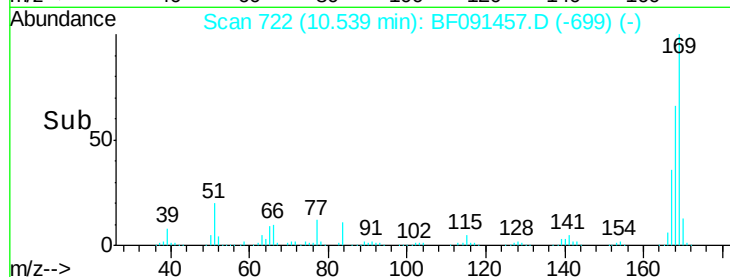
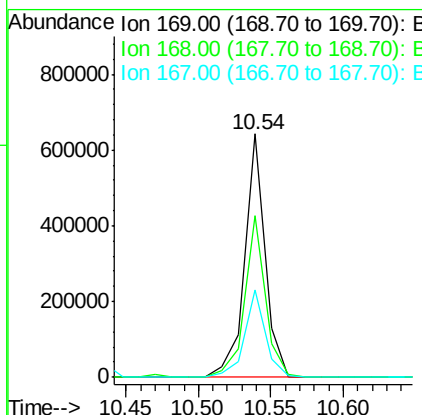
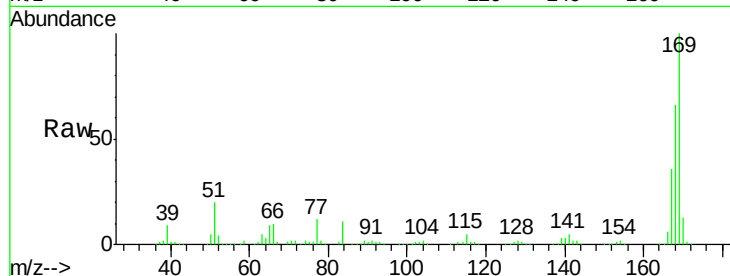




#65
 n-Nitrosodiphenylamine
 Concen: 37.76 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

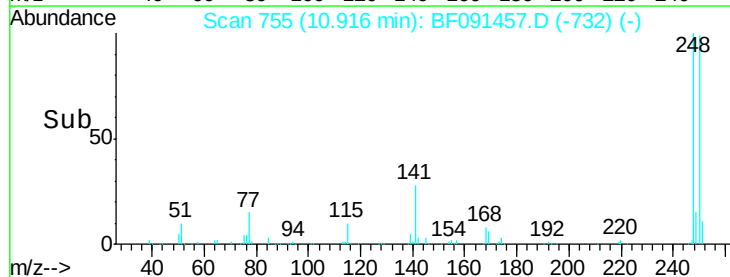
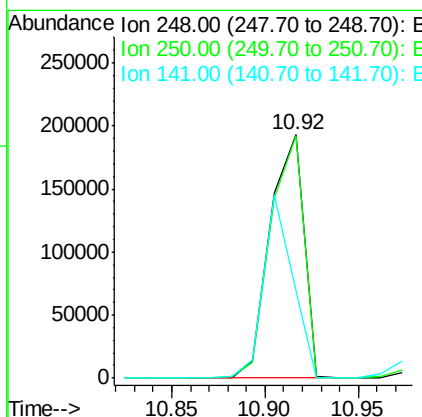
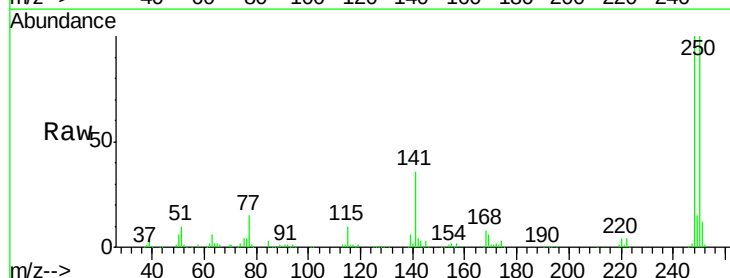
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

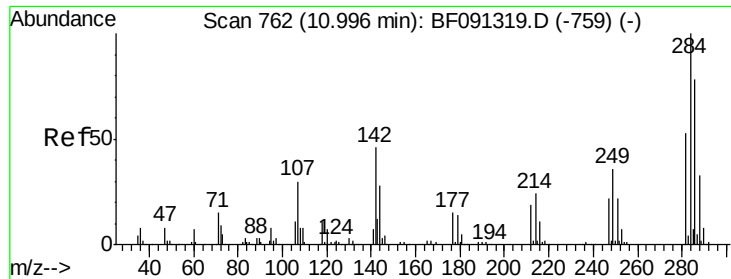
Tgt Ion:169 Resp: 627078
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.8 80.8
 167 36.1 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.26 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:248 Resp: 242933
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.2 117.4
 141 36.1 71.9 107.9#

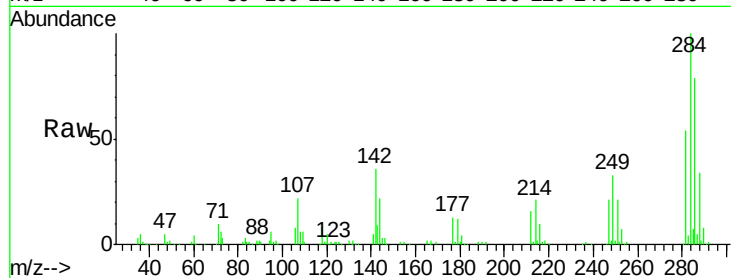




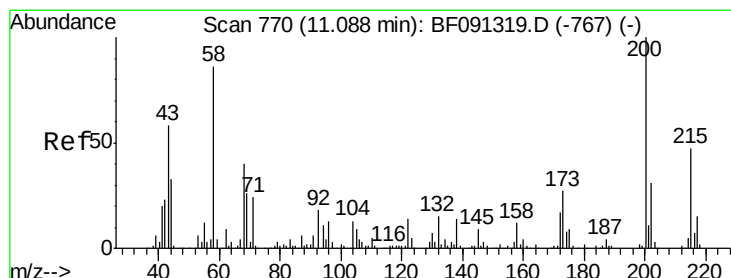
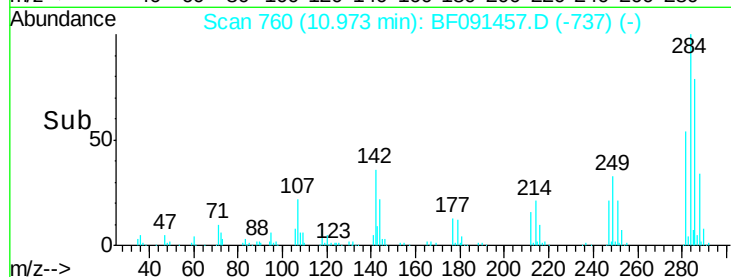
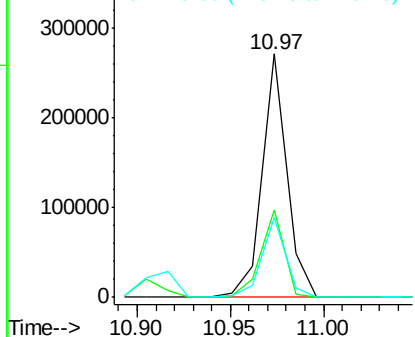
#67
Hexachlorobenzene
Concen: 38.66 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Instrument :
BNA_F
ClientSampleId :
PB95080BS

Tgt Ion: 284 Resp: 245976
Ion Ratio Lower Upper
284 100
142 35.8 17.9 26.9#
249 32.8 23.6 35.4

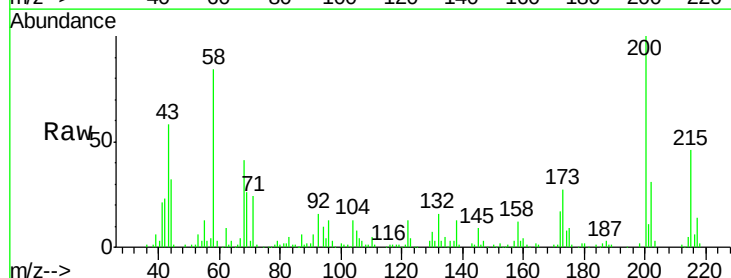


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

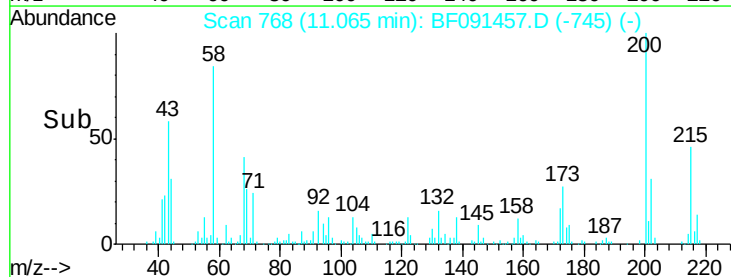
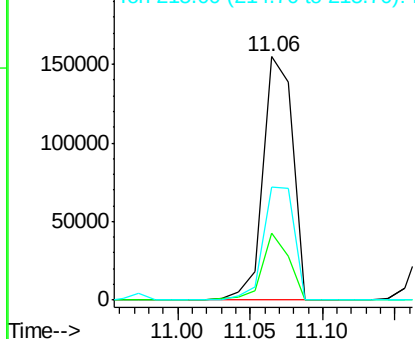


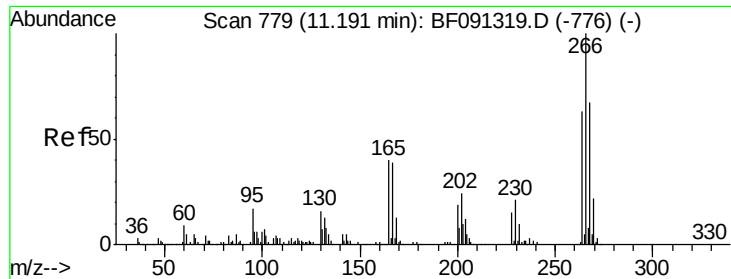
#68
Atrazine
Concen: 40.58 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 200 Resp: 218256
Ion Ratio Lower Upper
200 100
173 27.3 7.8 47.8
215 46.3 24.3 64.3



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

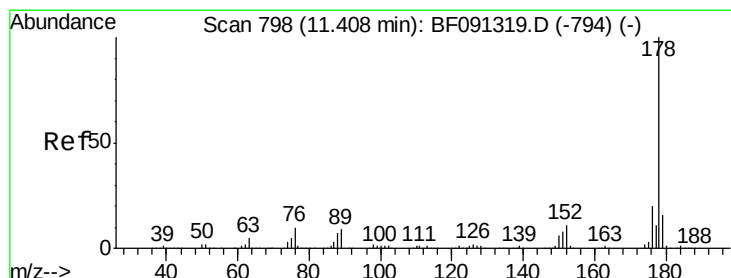
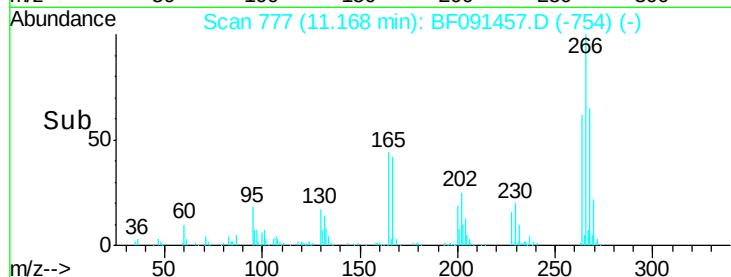
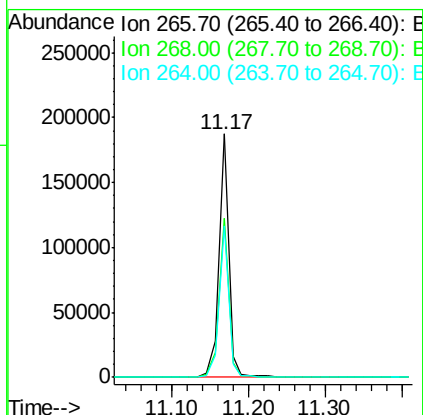
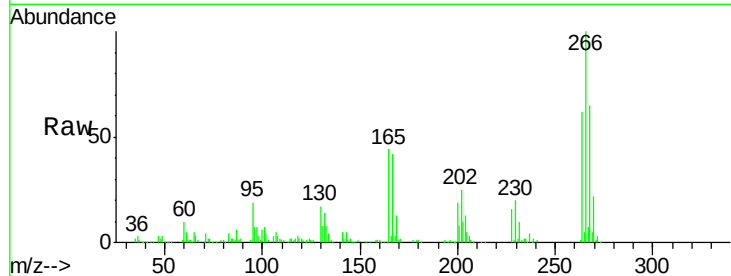




#69
 Pentachlorophenol
 Concen: 44.58 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

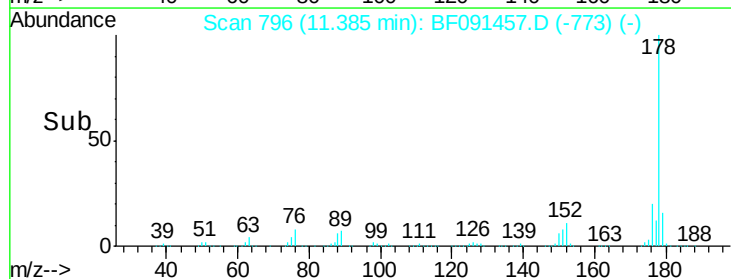
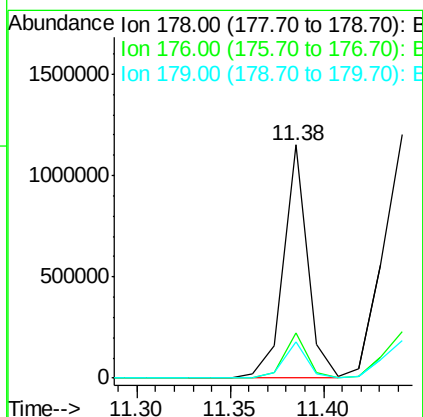
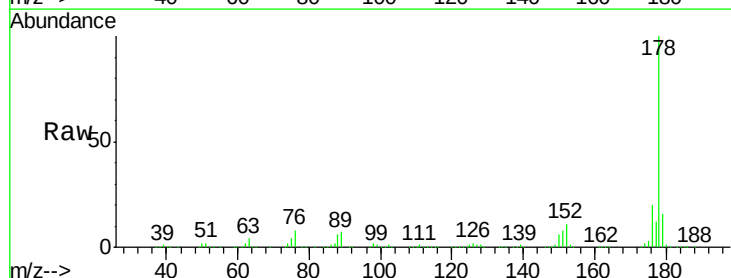
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

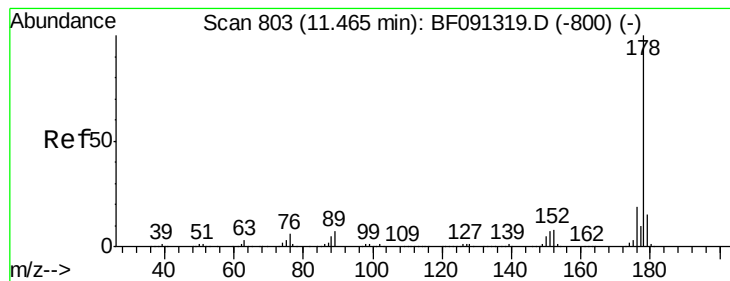
Tgt Ion:266 Resp: 166966
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.3 75.5
 264 62.2 48.2 72.2



#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:178 Resp: 1029568
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.8 12.6 18.8





#71

Anthracene

Concen: 44.27 ng

RT: 11.44 min Scan# 801

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

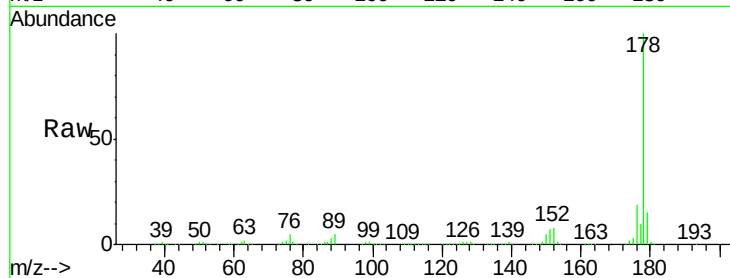
Tgt Ion:178 Resp: 1250508

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

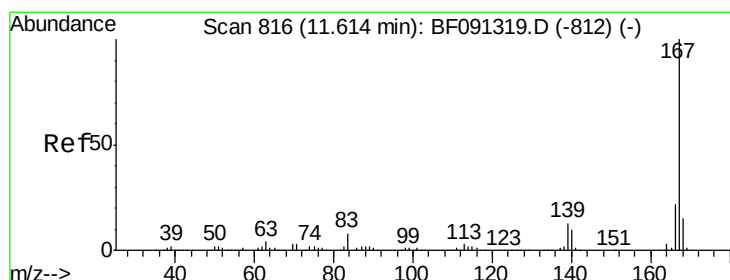
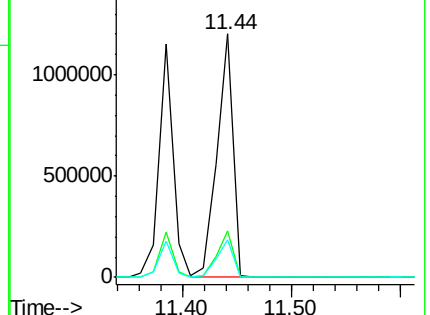
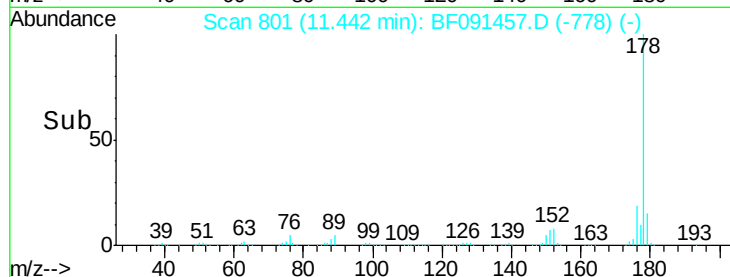
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.48 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

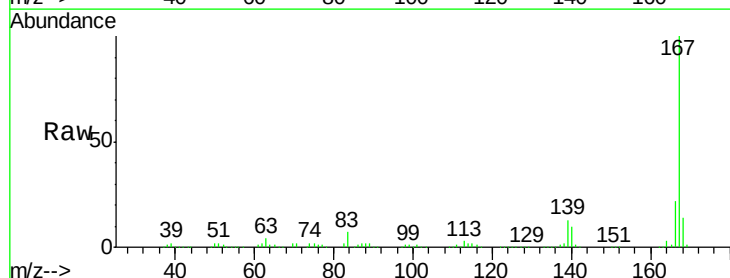
Tgt Ion:167 Resp: 935246

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

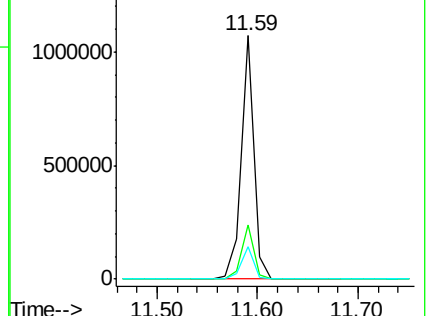
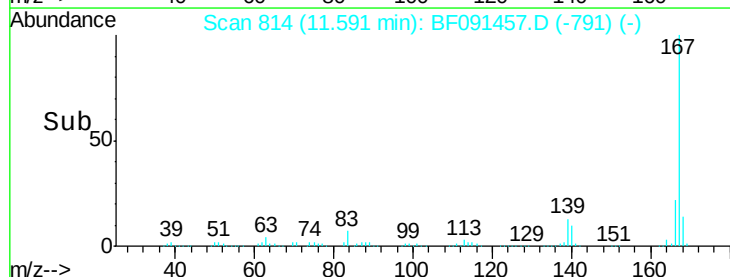
139 13.1 11.5 17.3

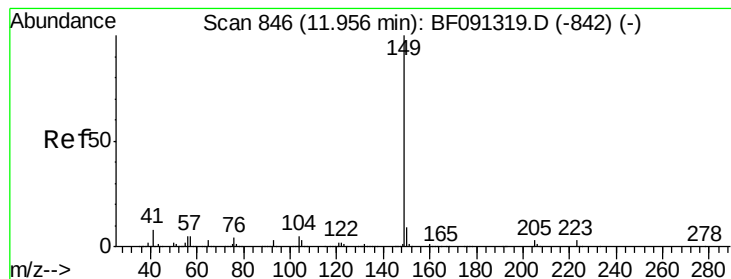


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

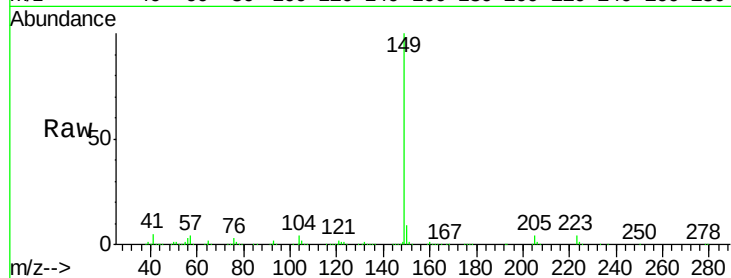
Tgt Ion:149 Resp: 1231437

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

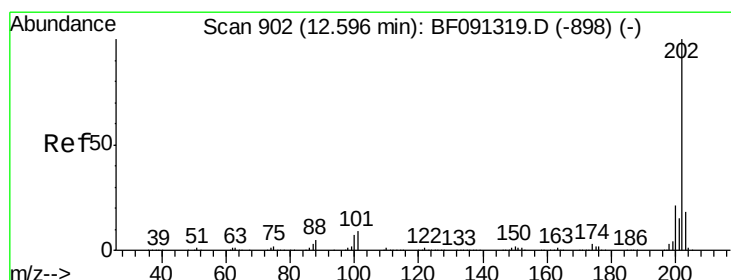
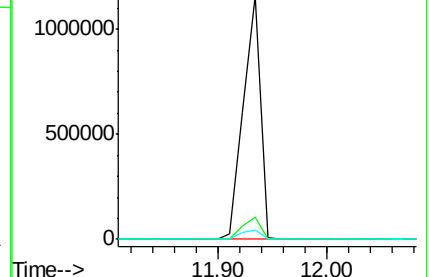
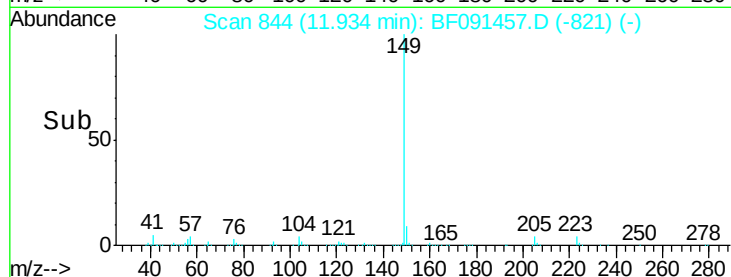
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.76 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

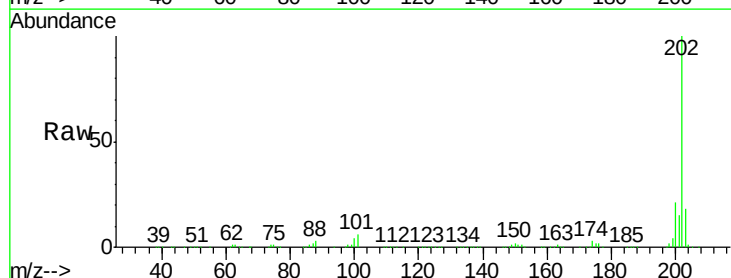
Tgt Ion:202 Resp: 1179794

Ion Ratio Lower Upper

202 100

101 5.9 0.0 29.5

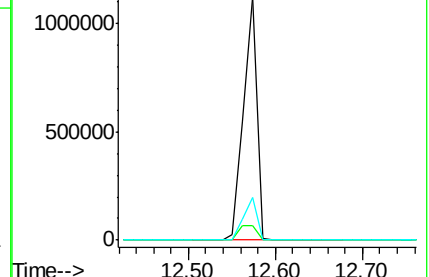
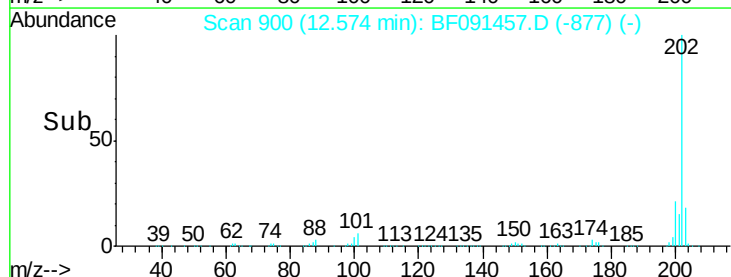
203 17.6 0.0 37.8

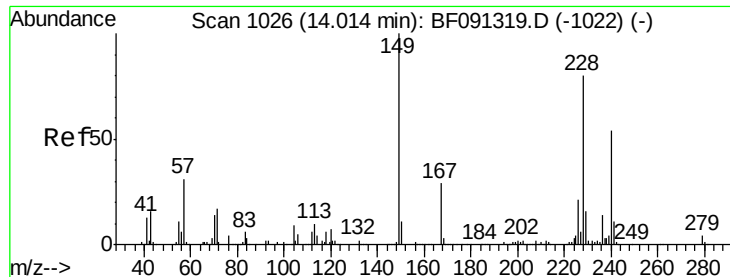


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

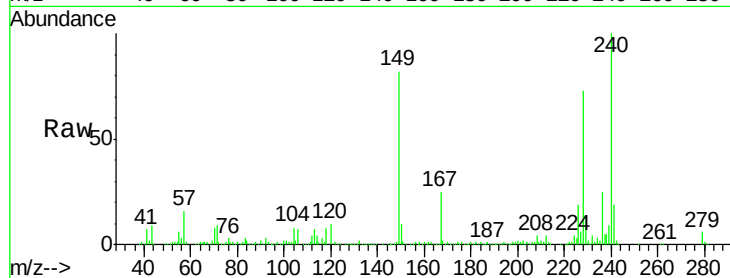
Tgt Ion:240 Resp: 333973

Ion Ratio Lower Upper

240 100

120 9.7 12.1 18.1#

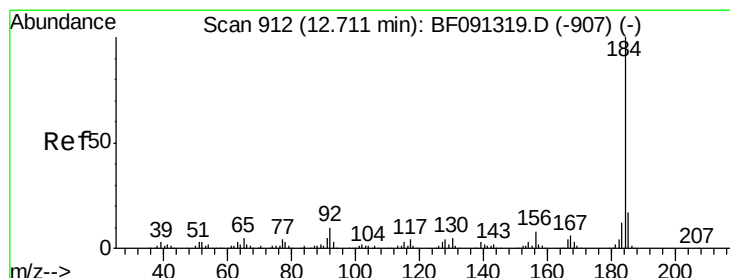
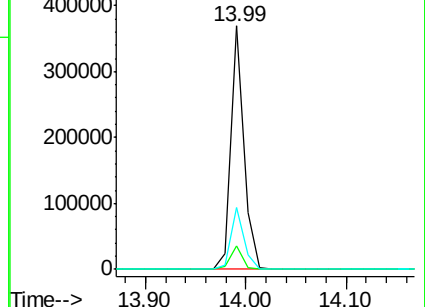
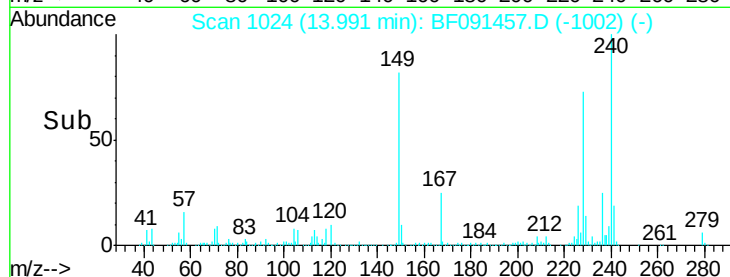
236 25.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.79 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

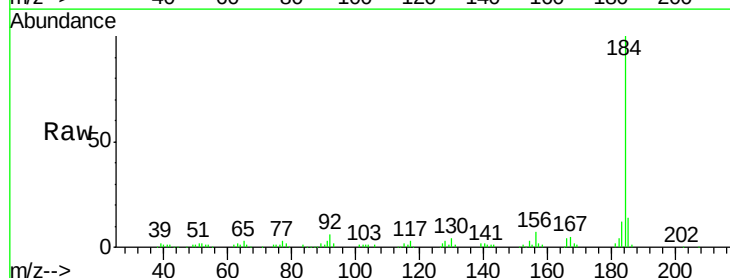
Tgt Ion:184 Resp: 95971

Ion Ratio Lower Upper

184 100

185 14.4 13.1 19.7

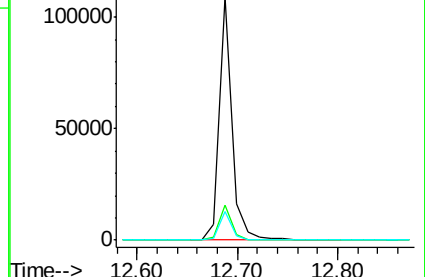
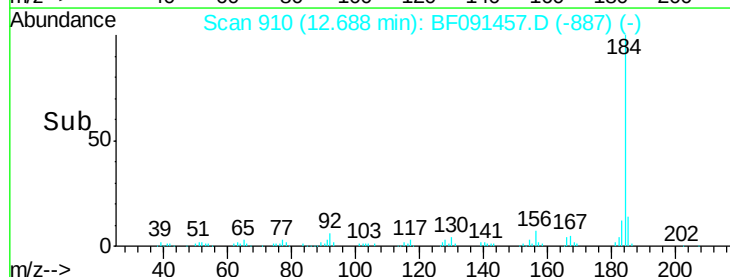
183 11.7 8.9 13.3

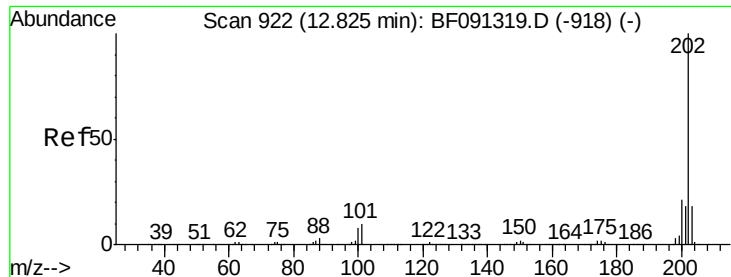


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



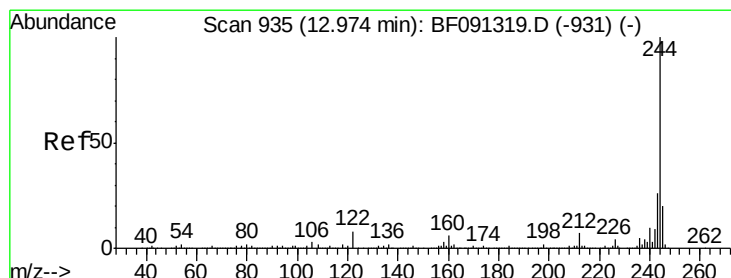
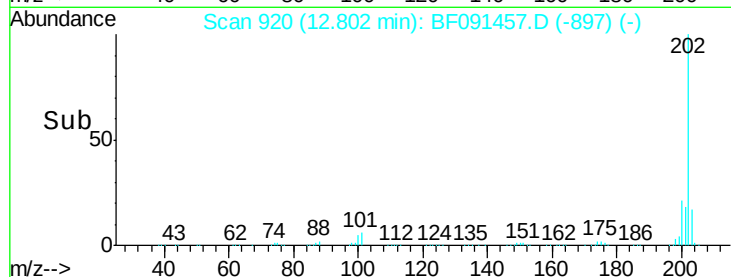
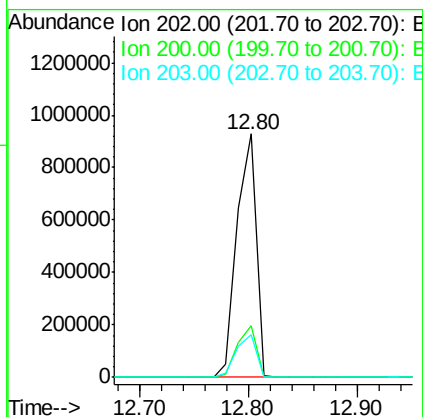
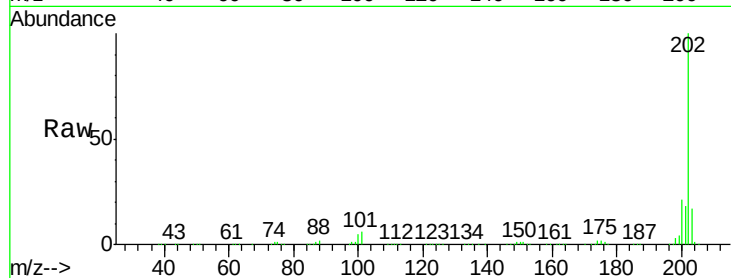


#77
Pyrene
 Concen: 44.27 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

Tgt Ion:202 Resp: 1122099

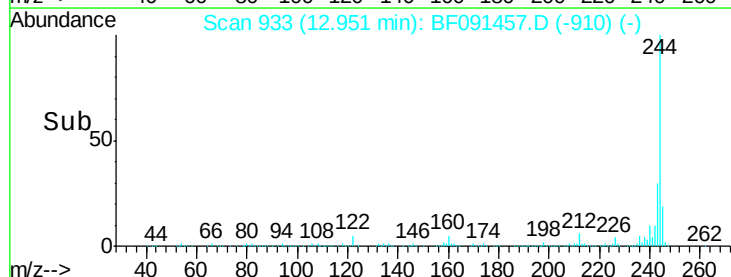
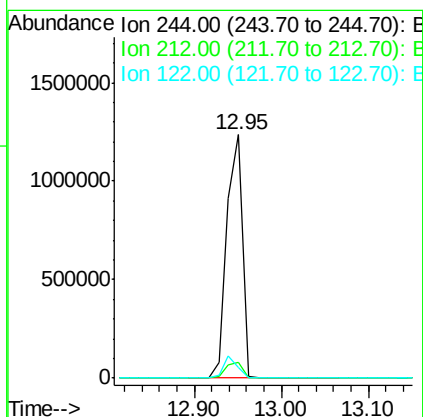
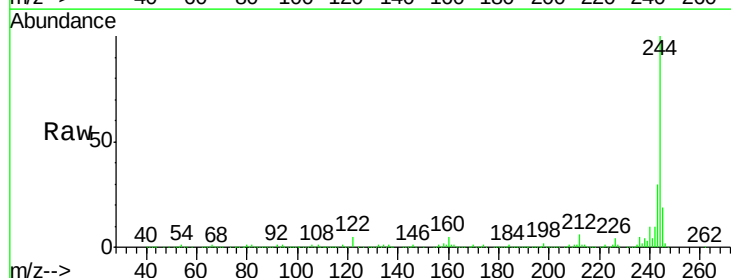
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	17.4	14.0	21.0

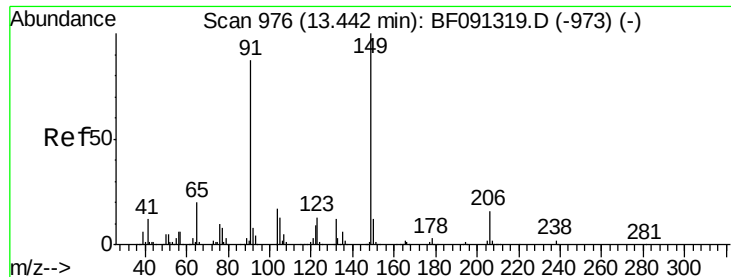


#78
Terphenyl-d14
 Concen: 100.45 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:244 Resp: 1543490

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.5	9.7#
122	4.6	9.5	14.3#

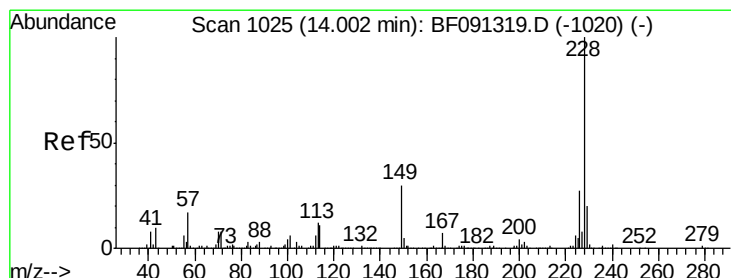
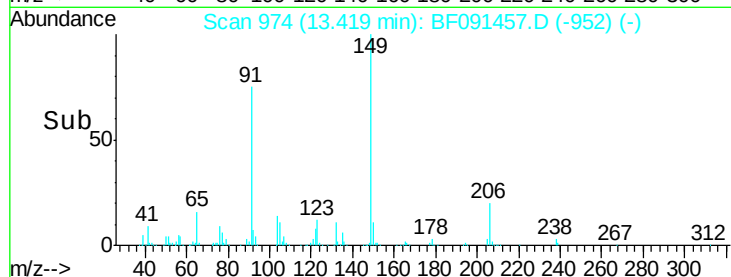
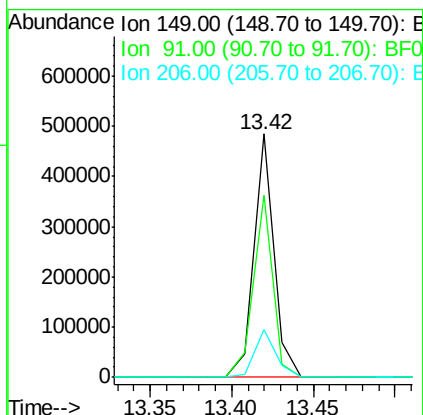
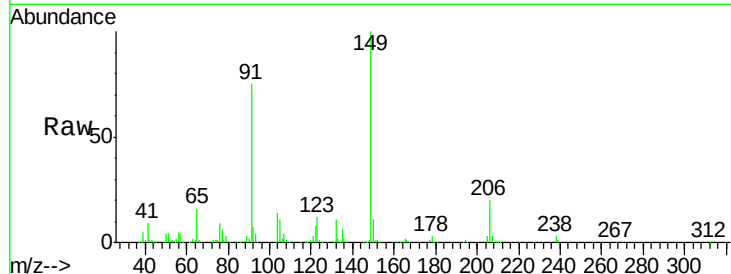




#79
Butylbenzylphthalate
Concen: 43.59 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

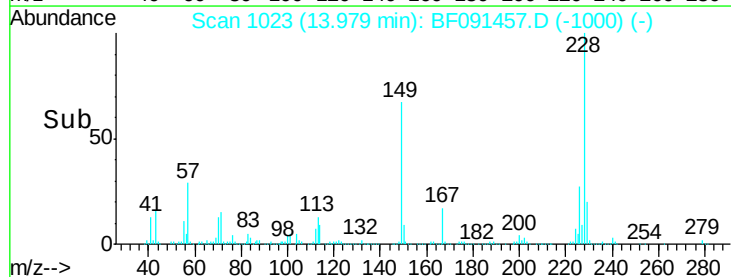
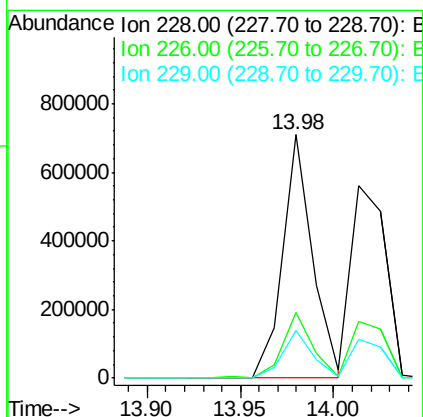
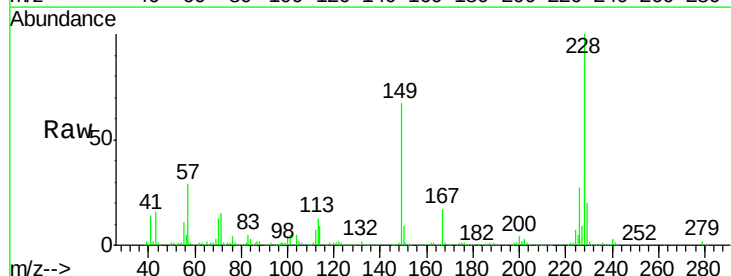
Instrument :
BNA_F
ClientSampleId :
PB95080BS

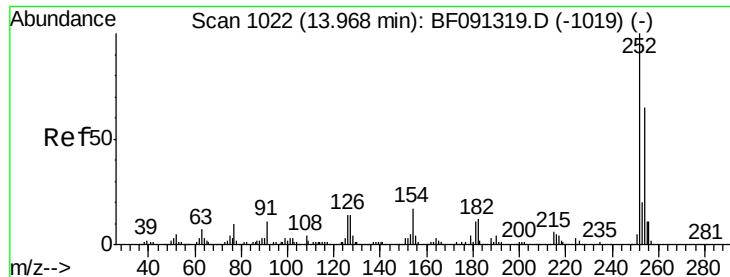
Tgt Ion:149 Resp: 413662
Ion Ratio Lower Upper
149 100
91 74.6 57.4 86.2
206 19.6 15.4 23.2



#80
Benzo(a)anthracene
Concen: 40.57 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion:228 Resp: 792303
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 19.7 16.4 24.6

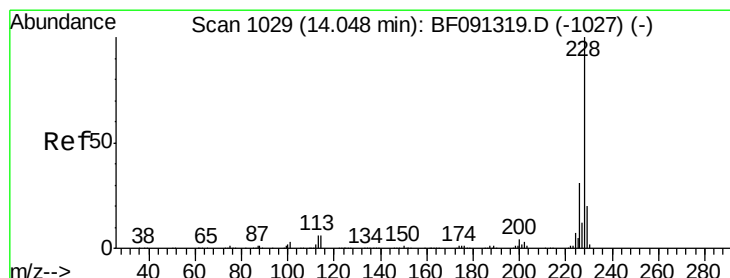
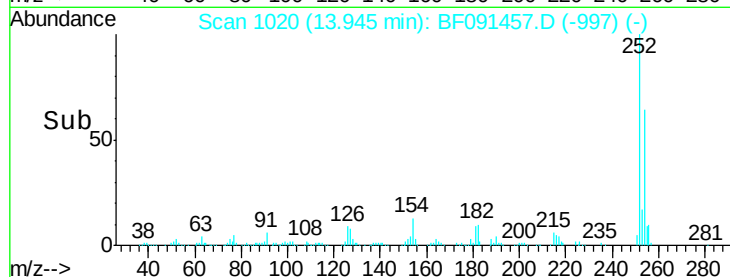
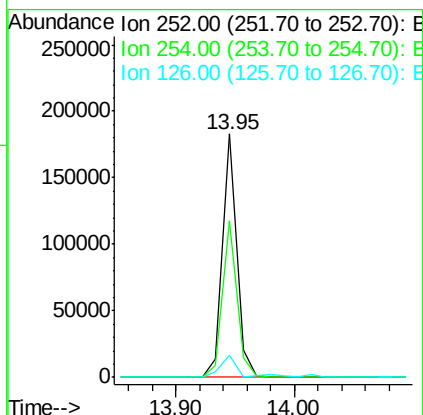
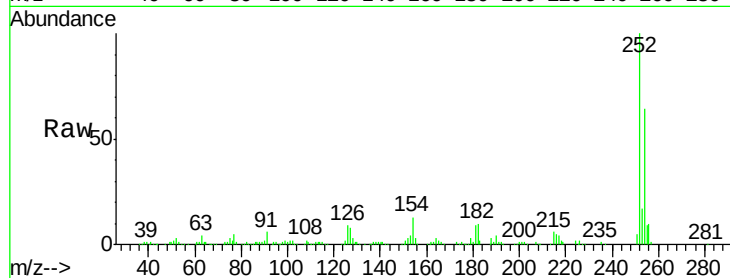




#81
 3,3'-Dichlorobenzidine
 Concen: 22.04 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

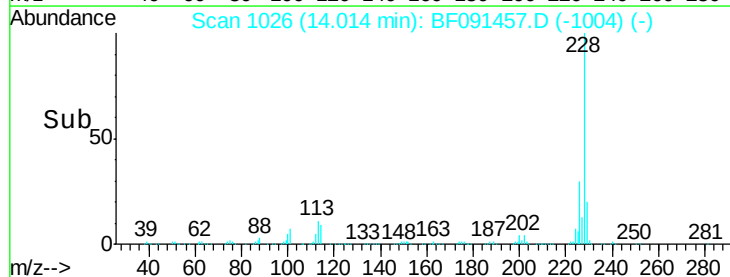
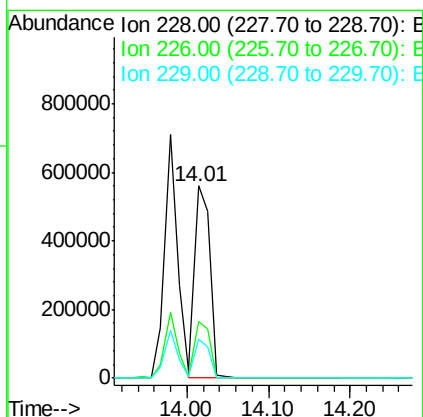
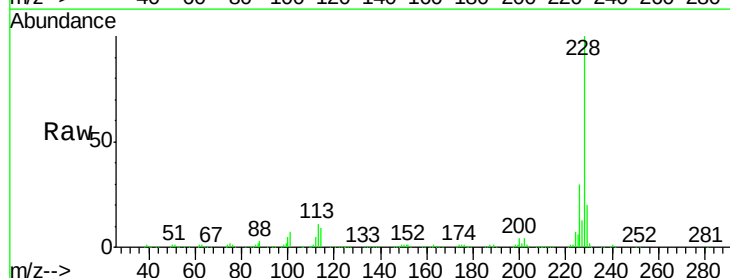
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

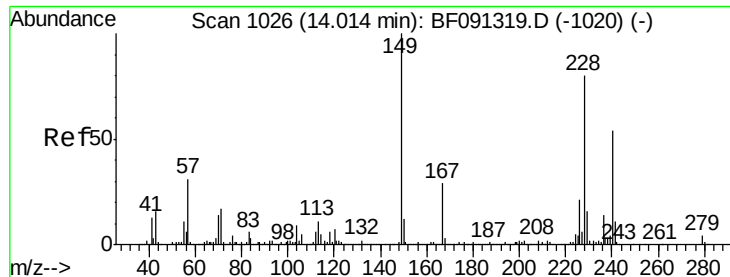
Tgt Ion:252 Resp: 151630
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.1 78.1
 126 8.9 7.5 11.3



#82
 Chrysene
 Concen: 37.85 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:228 Resp: 731509
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.4
 229 20.0 16.0 24.0

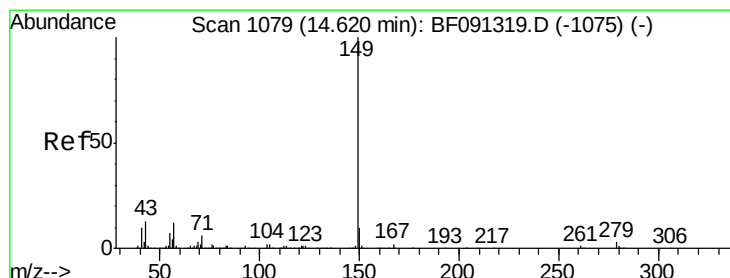
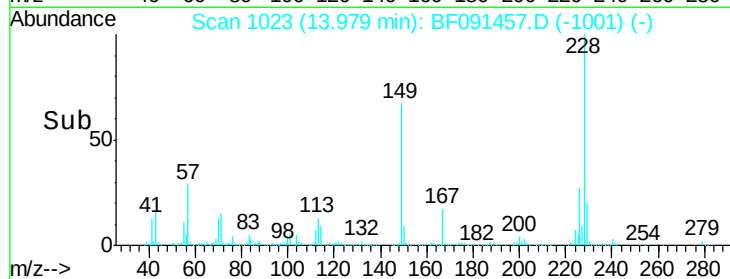
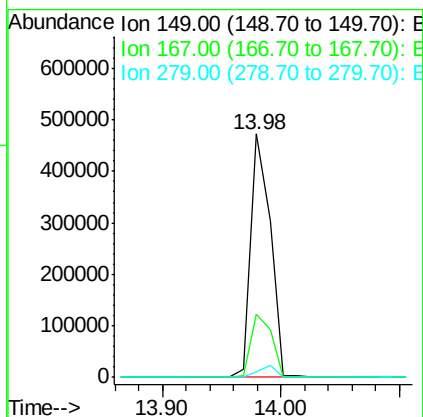
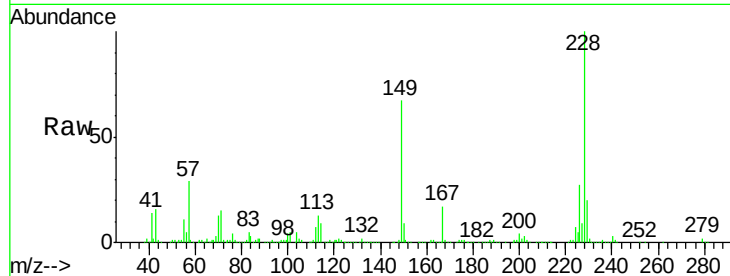




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.68 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.05 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

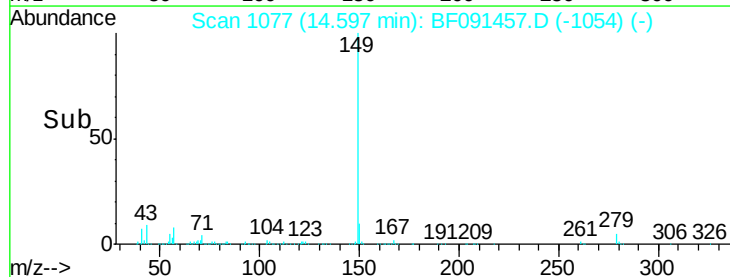
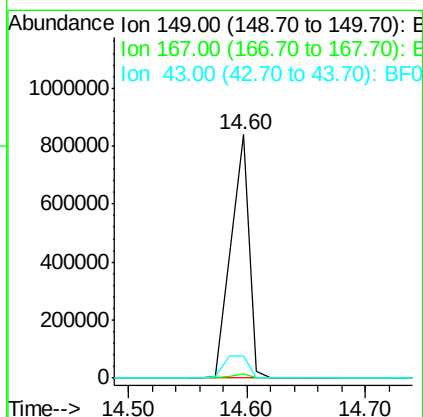
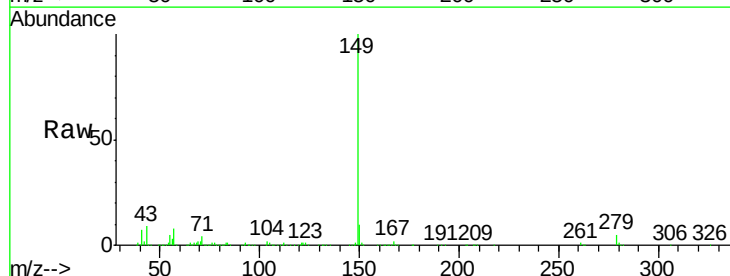
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

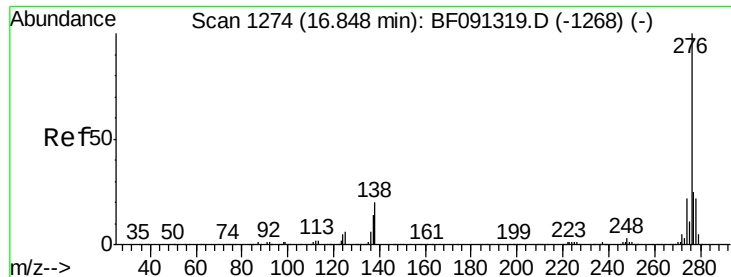
Tgt Ion:149 Resp: 549484
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.6 29.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 48.79 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion:149 Resp: 888192
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.5 11.9 17.9

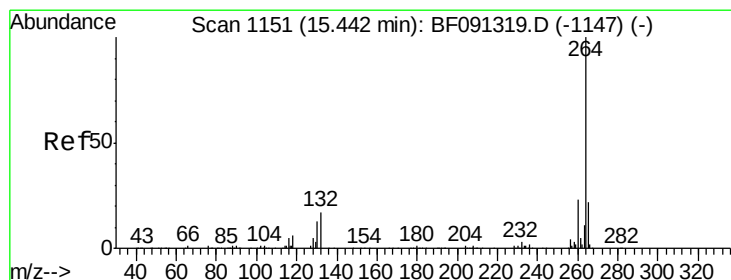
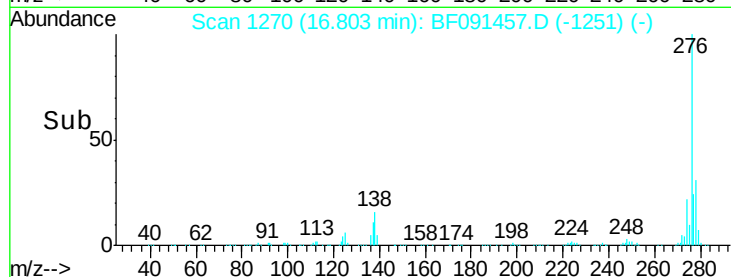
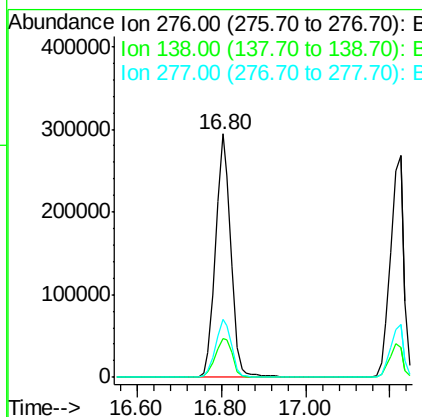
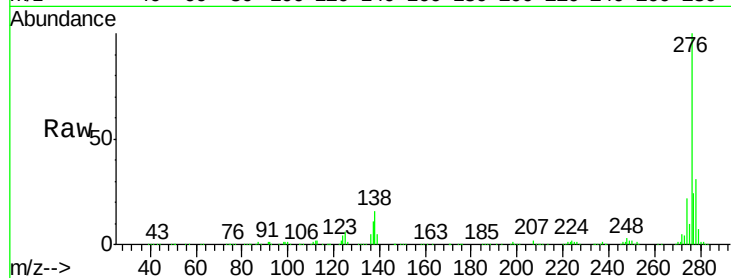




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.31 ng
 RT: 16.80 min Scan# 1270
 Delta R.T. -0.09 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

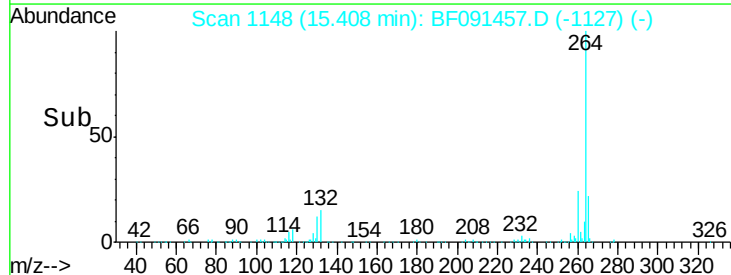
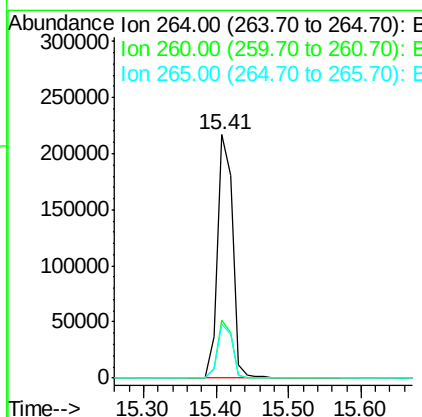
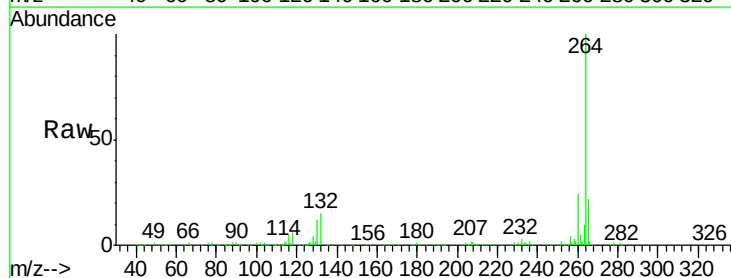
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BS

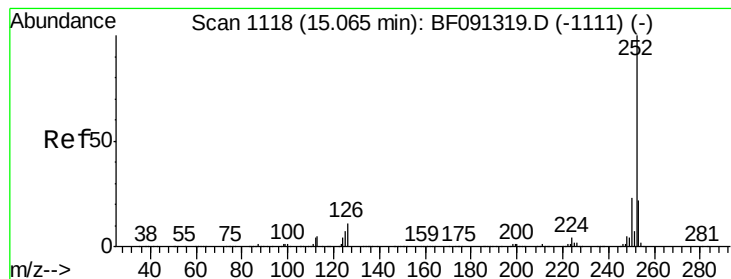
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	21.0	31.4#
277	24.8	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF091457.D
 Acq: 6 Dec 2016 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 78.53 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

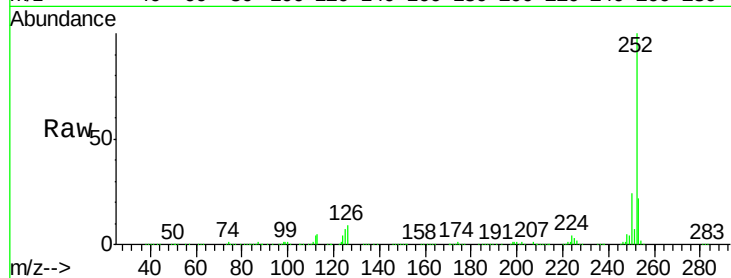
Tgt Ion:252 Resp: 1521580

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

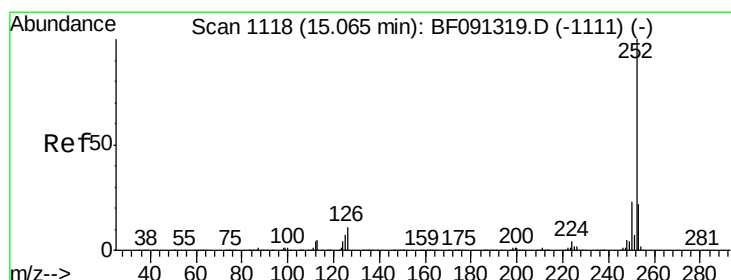
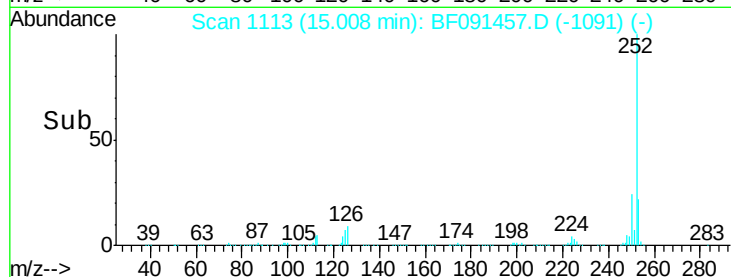
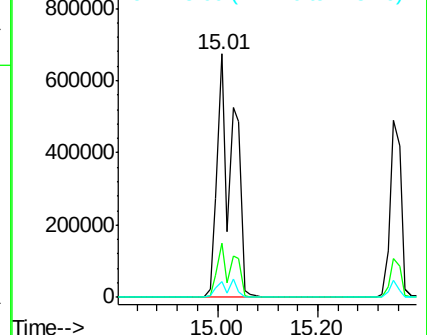
125 6.7 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.40 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.07 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

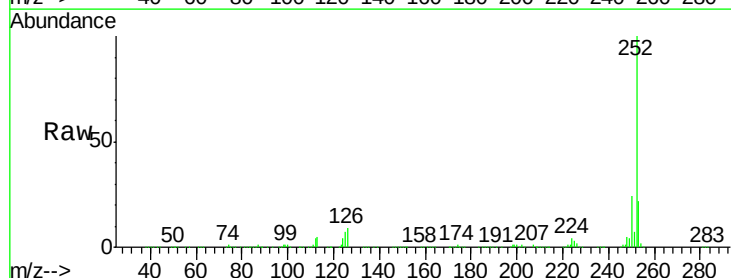
Tgt Ion:252 Resp: 1521773

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

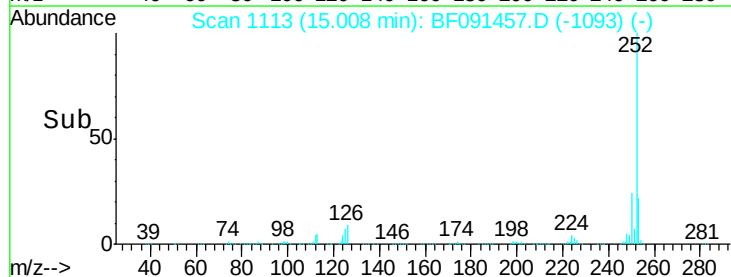
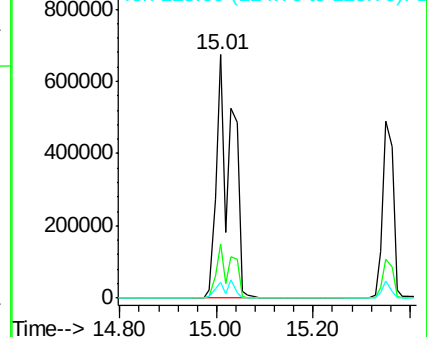
125 6.7 9.6 14.4#

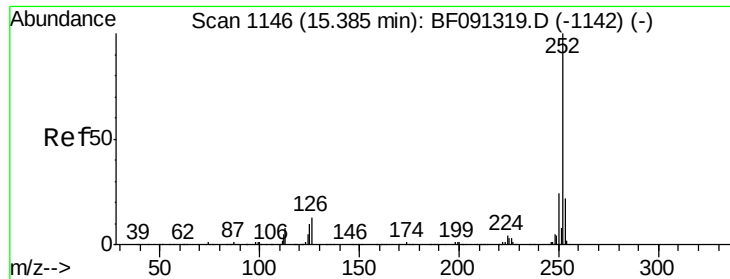


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

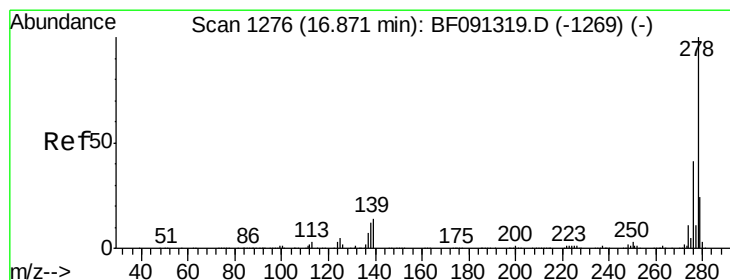
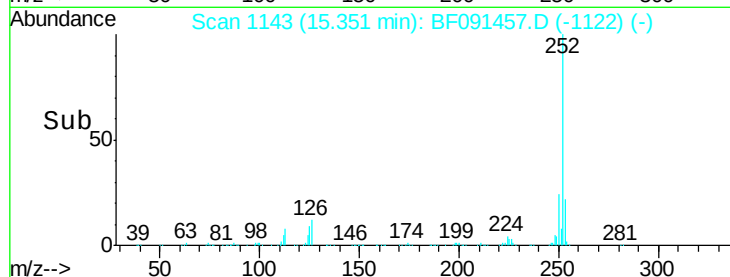
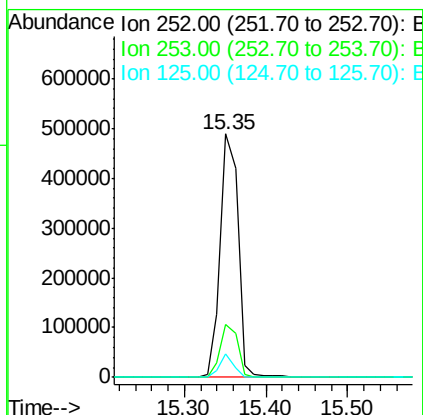
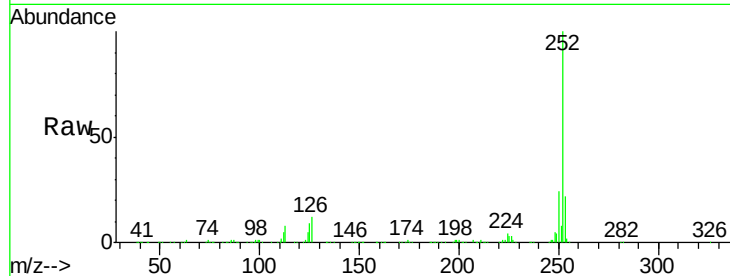




#89
Benzo(a)pyrene
Concen: 42.81 ng
RT: 15.35 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

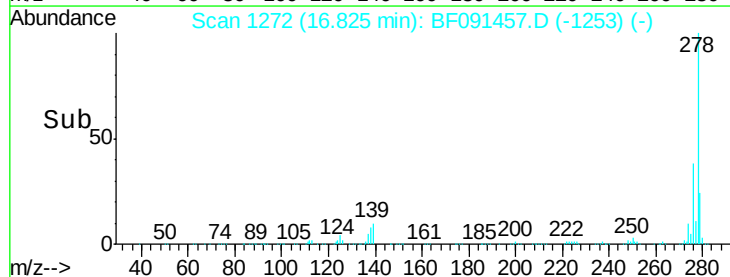
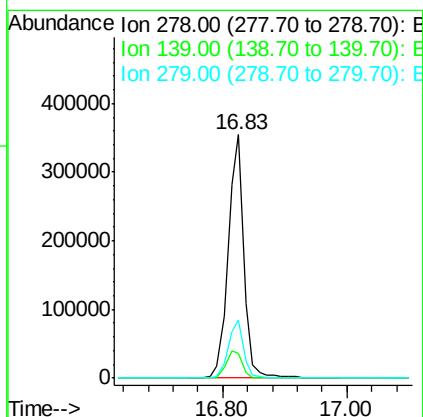
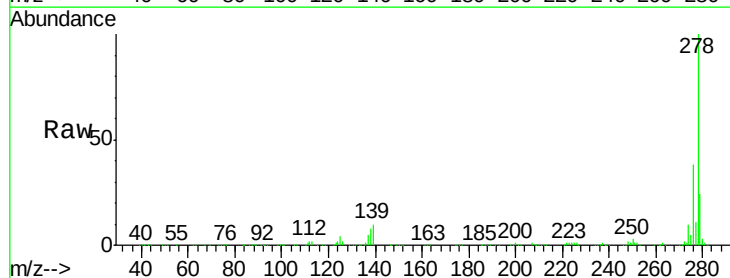
Instrument :
BNA_F
ClientSampleId :
PB95080BS

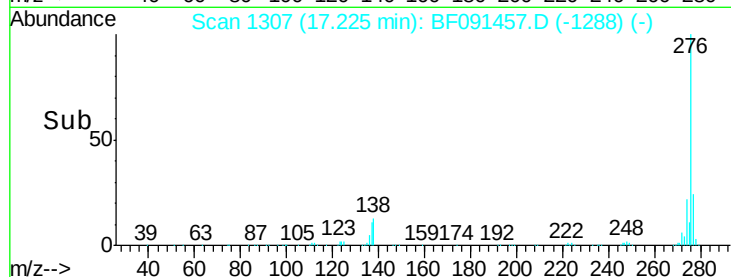
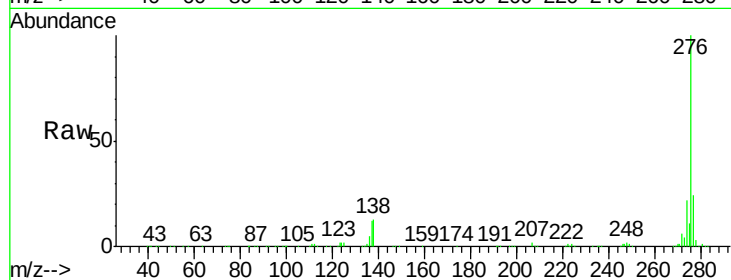
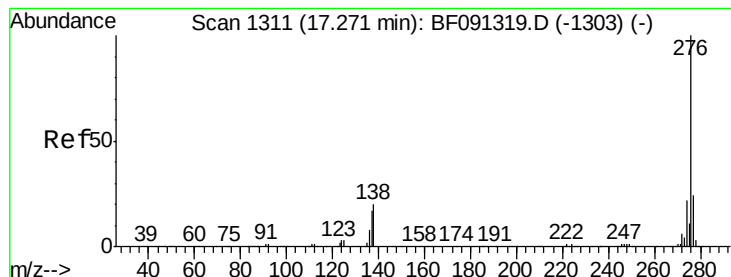
Tgt Ion: 252 Resp: 744977
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.4 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 38.59 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.09 min
Lab File: BF091457.D
Acq: 6 Dec 2016 14:35

Tgt Ion: 278 Resp: 621074
Ion Ratio Lower Upper
278 100
139 10.0 15.1 22.7#
279 23.8 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 17.23 min Scan# 1307

Delta R.T. -0.09 min

Lab File: BF091457.D

Acq: 6 Dec 2016 14:35

Instrument :

BNA_F

ClientSampleId :

PB95080BS

Tgt Ion: 276 Resp: 608199

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 13.2 15.4 23.0#

