

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091318.D
 Acq On : 29 Nov 2016 10:57
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 12:22:08 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 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160903	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	632321	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	335080	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	564310	20.00	ng	0.00
75) Chrysene-d12	14.01	240	362712	20.00	ng	0.00
86) Perylene-d12	15.44	264	313820	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	474762	47.41	ng	-0.01
7) Phenol-d6	6.49	99	641388	49.85	ng	0.00
23) Nitrobenzene-d5	7.43	82	606146	55.19	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	156202	46.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	987820	48.27	ng	-0.01
78) Terphenyl-d14	12.97	244	900747	56.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	113157	23.95	ng	90
3) Pyridine	3.18	79	322439	25.40	ng	88
4) n-Nitrosodimethylamine	3.12	42	161371	23.21	ng	96
6) Aniline	6.52	93	408462	24.83	ng	# 74
8) 2-Chlorophenol	6.64	128	267345	24.51	ng	# 79
9) Benzaldehyde	6.63	77	13182	1.89	ng	93
10) Phenol	6.50	94	365683	25.47	ng	83
11) bis(2-Chloroethyl)ether	6.60	93	250076	23.70	ng	95
12) 1,3-Dichlorobenzene	6.88	146	308627	25.95	ng	96
13) 1,4-Dichlorobenzene	6.88	146	308627	25.35	ng	97
14) 1,2-Dichlorobenzene	6.88	146	308627	26.72	ng	96
15) Benzyl Alcohol	7.01	79	258732	25.90	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	534286	23.09	ng	72
17) 2-Methylphenol	7.11	107	209706	24.30	ng	# 76
18) Hexachloroethane	7.38	117	113321	26.14	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	198858	24.64	ng	# 85
20) 3+4-Methylphenols	7.27	107	276691	26.12	ng	# 64
22) Acetophenone	7.27	105	358803	25.15	ng	# 77
24) Nitrobenzene	7.44	77	269522	23.19	ng	95
25) Isophorone	7.68	82	482013	23.49	ng	96
26) 2-Nitrophenol	7.76	139	126294	27.09	ng	99
27) 2,4-Dimethylphenol	7.81	122	242115	24.75	ng	89
28) bis(2-Chloroethoxy)methane	7.90	93	292733	23.96	ng	98
29) 2,4-Dichlorophenol	8.00	162	216137	25.00	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	262220	26.33	ng	98
31) Naphthalene	8.17	128	812131	26.70	ng	99
32) Benzoic acid	7.90	122	183674	23.84	ng	92
33) 4-Chloroaniline	8.22	127	337322	25.49	ng	99
34) Hexachlorobutadiene	8.30	225	156545	26.59	ng	98
35) Caprolactam	8.57	113	60163	22.57	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	237547	25.57	ng	85
37) 2-Methylnaphthalene	8.86	142	485426	23.25	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	253706	27.94	ng	98
40) Hexachlorocyclopentadiene	9.02	237	116852	28.75	ng	99

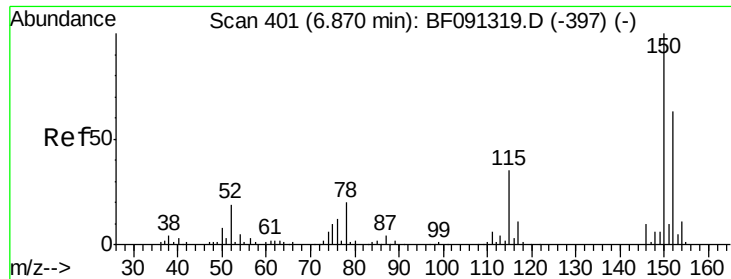
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091318.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155531	24.84	nq	94
43) 2,4,5-Trichlorophenol	9.18	196	169299	28.14	nq	93
45) 1,1'-Biphenyl	9.33	154	658703	27.27	nq	96
46) 2-Chloronaphthalene	9.35	162	476657	26.94	nq	98
47) 2-Nitroaniline	9.44	65	177397	29.54	nq	# 83
48) Acenaphthylene	9.76	152	697805	24.61	nq	99
49) Dimethylphthalate	9.62	163	512344	24.49	nq	98
50) 2,6-Dinitrotoluene	9.68	165	113460	24.83	nq	100
51) Acenaphthene	9.93	154	472207	24.46	nq	97
52) 3-Nitroaniline	9.85	138	145990	29.71	nq	89
53) 2,4-Dinitrophenol	9.96	184	50156	30.26	nq	# 84
54) Dibenzofuran	10.10	168	623737	22.97	nq	98
55) 4-Nitrophenol	10.00	139	104876	29.60	nq	90
56) 2,4-Dinitrotoluene	10.08	165	148121	25.61	nq	# 67
57) Fluorene	10.45	166	490442	23.61	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	128013	24.20	nq	98
59) Diethylphthalate	10.33	149	508188	24.14	nq	# 92
60) 4-Chlorophenyl-phenylether	10.45	204	253536	26.49	nq	95
61) 4-Nitroaniline	10.46	138	126896	27.68	nq	95
62) Azobenzene	10.61	77	546721	25.60	nq	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	75055	29.33	nq	# 42
65) n-Nitrosodiphenylamine	10.56	169	459563	26.82	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	157816	25.59	nq	# 74
67) Hexachlorobenzene	11.00	284	162647	24.06	nq	# 86
68) Atrazine	11.09	200	141616	31.31	nq	96
69) Pentachlorophenol	11.19	266	100933	25.23	nq	95
70) Phenanthrene	11.41	178	726807	24.83	nq	99
71) Anthracene	11.46	178	757032	25.29	nq	98
72) Carbazole	11.61	167	680496	25.55	nq	97
73) Di-n-butylphthalate	11.96	149	759995	24.64	nq	# 98
74) Fluoranthene	12.60	202	738717	24.81	nq	97
76) Benzidine	12.71	184	287895	40.95	nq	99
77) Pyrene	12.83	202	756579	28.23	nq	98
79) Butylbenzylphthalate	13.44	149	242716	22.63	nq	92
80) Benzo(a)anthracene	14.00	228	520736	25.30	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	195420	28.79	nq	98
82) Chrysene	14.04	228	497503	25.57	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	301910	22.61	nq	# 90
84) Di-n-octyl phthalate	14.62	149	488245	23.23	nq	95
85) Indeno(1,2,3-cd)pyrene	16.85	276	548136	32.72	nq	95
87) Benzo(b)fluoranthene	15.03	252	903396	45.63	nq	98
88) Benzo(k)fluoranthene	15.03	252	903396	55.87	nq	# 97
89) Benzo(a)pyrene	15.39	252	455367	27.04	nq	# 94
90) Dibenzo(a,h)anthracene	16.86	278	465782	29.96	nq	96
91) Benzo(g,h,i)perylene	17.27	276	480332	31.14	nq	98

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

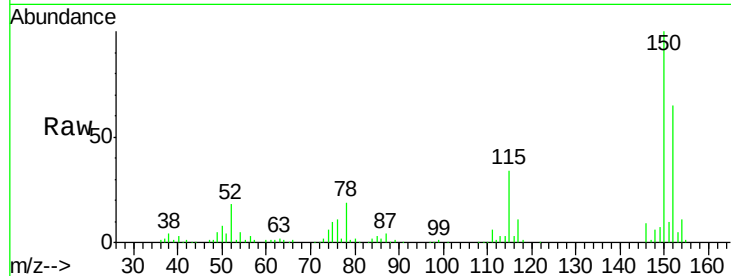


#1

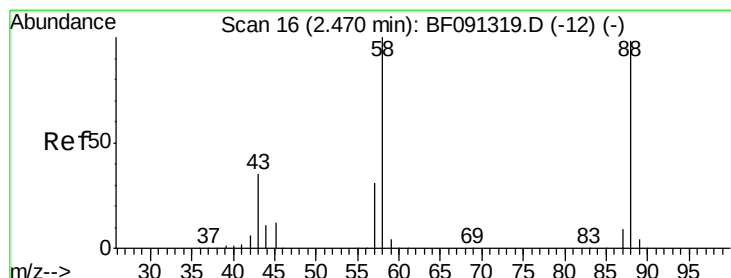
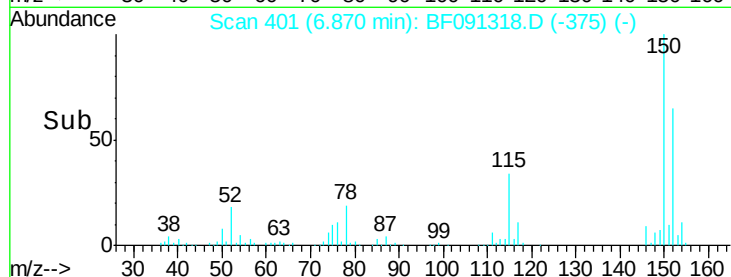
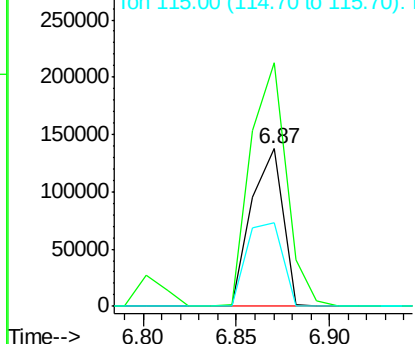
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160903
Ion Ratio Lower Upper
152 100
150 154.8 122.5 183.7
115 53.0 51.8 77.8



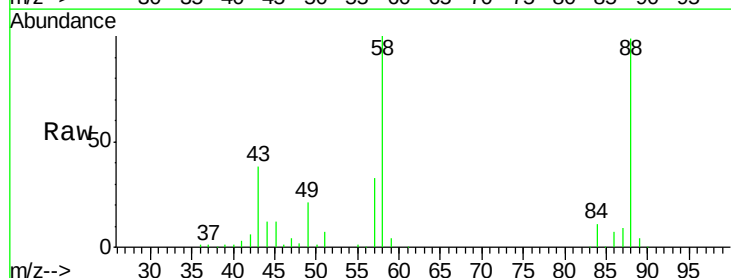
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



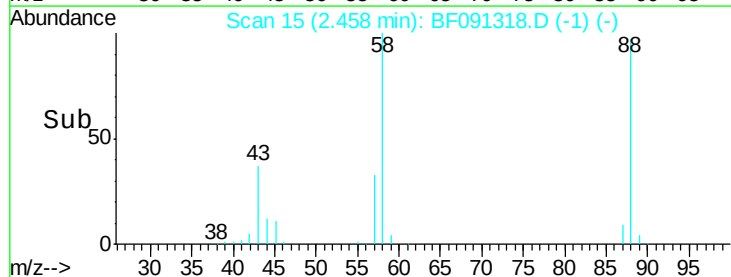
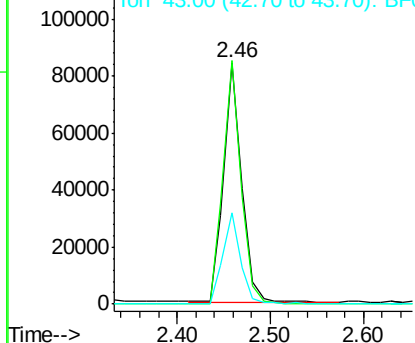
#2

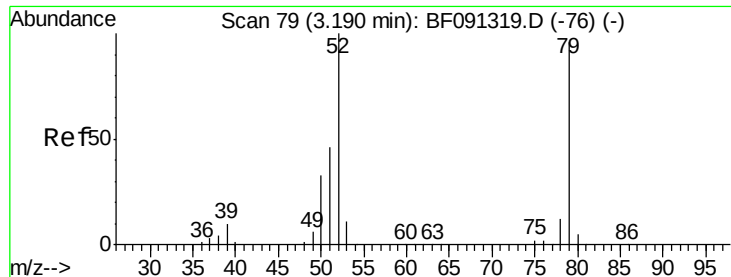
1,4-Dioxane
Concen: 23.95 ng
RT: 2.46 min Scan# 15
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion: 88 Resp: 113157
Ion Ratio Lower Upper
88 100
58 100.5 70.3 105.5
43 37.8 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

Pvridine

Concen: 25.40 ng

RT: 3.18 min Scan# 78

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

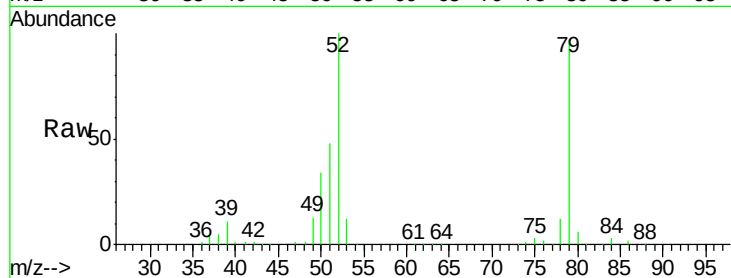
Tot Ion: 79 Resp: 322439

Ion Ratio Lower Upper

79 100

52 103.3 71.0 106.4

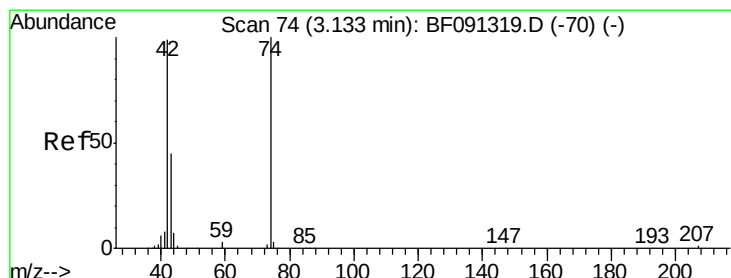
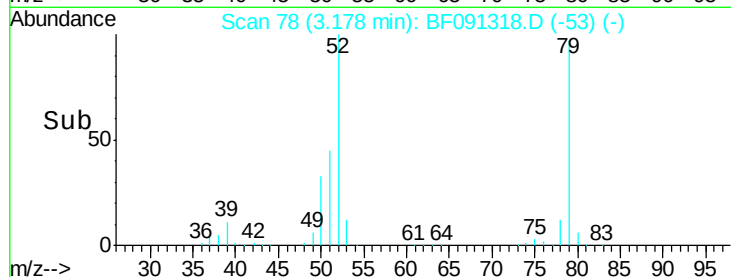
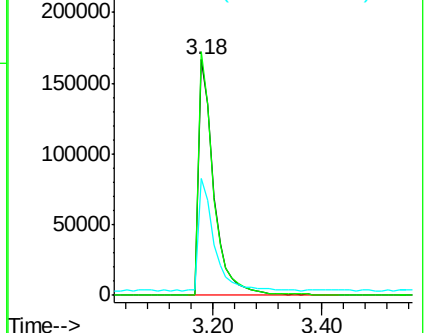
51 49.4 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 23.21 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

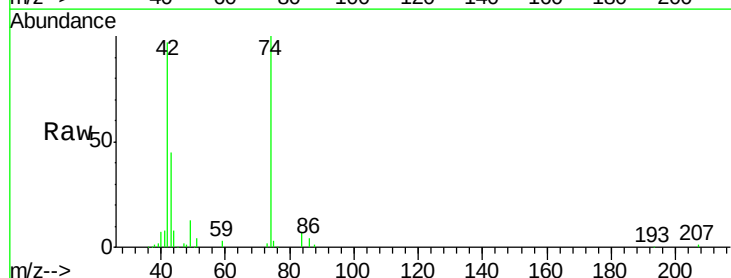
Tgt Ion: 42 Resp: 161371

Ion Ratio Lower Upper

42 100

74 102.9 78.9 118.3

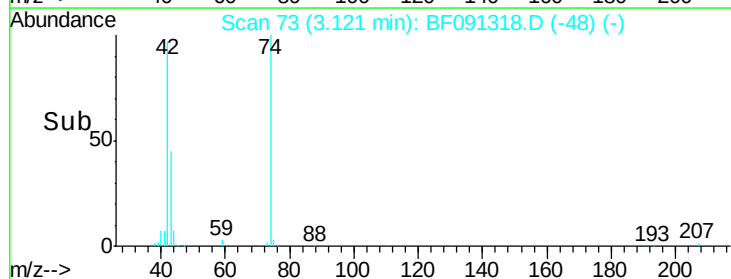
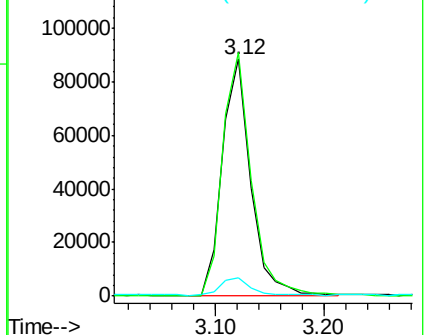
44 7.9 5.8 8.6

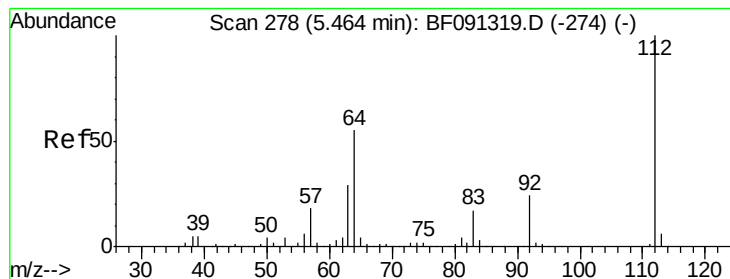


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

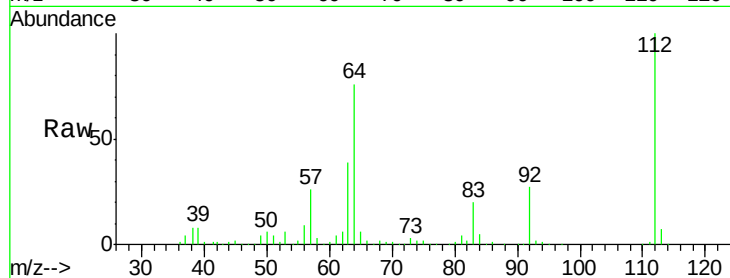




#5
 2-Fluorophenol
 Concen: 47.41 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

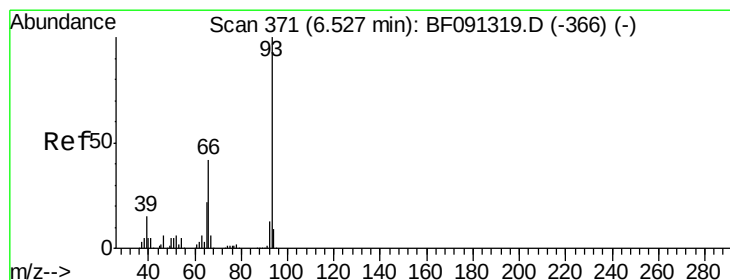
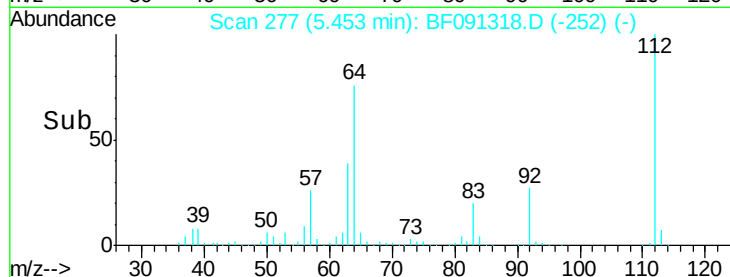
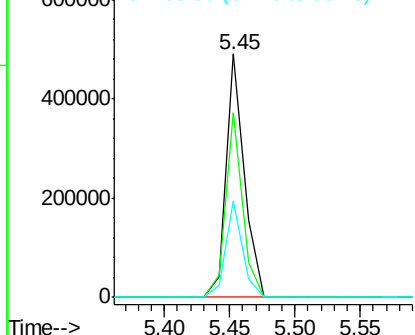
Tot Ion	Ratio	Lower	Upper
112	100		
64	75.9	61.5	92.3
63	39.5	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): BF091318.D (-274) (-)

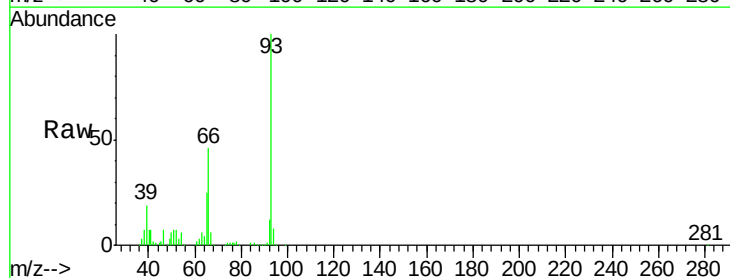
Ion 64.00 (63.70 to 64.70): BF091318.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BF091318.D (-274) (-)



#6
 Aniline
 Concen: 24.83 ng
 RT: 6.52 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

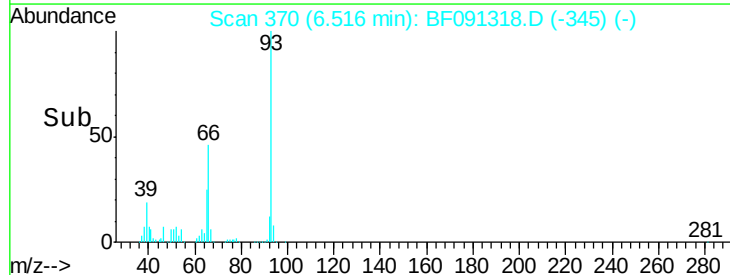
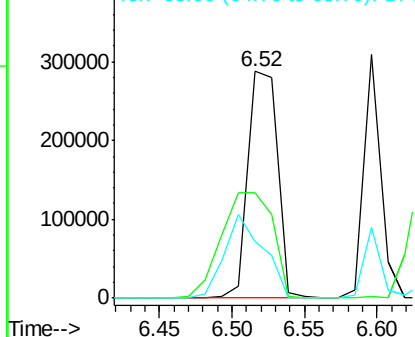
Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.3	55.8	83.6#
65	25.2	29.9	44.9#

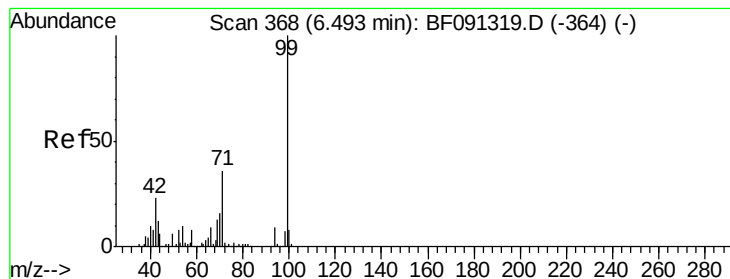


Abundance Ion 93.00 (92.70 to 93.70): BF091318.D (-366) (-)

Ion 66.00 (65.70 to 66.70): BF091318.D (-366) (-)

Ion 65.00 (64.70 to 65.70): BF091318.D (-366) (-)





#7

Phenol-d6

Concen: 49.85 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

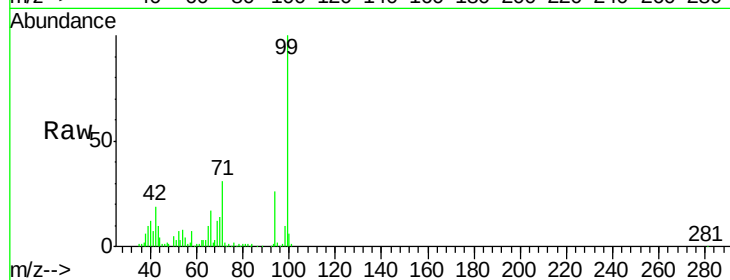
Tot Ion: 99 Resp: 641388

Ion Ratio Lower Upper

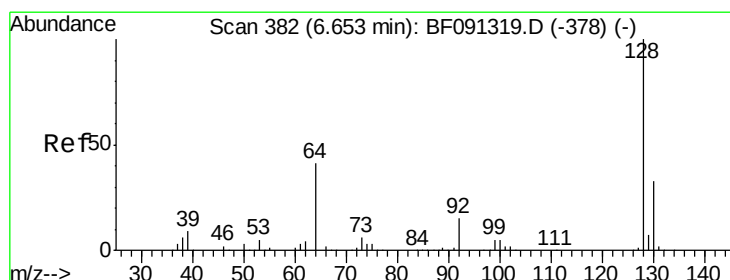
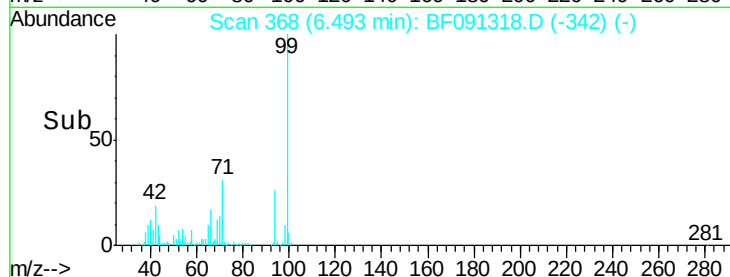
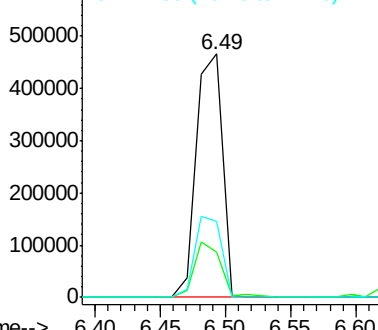
99 100

42 18.5 20.6 31.0#

71 31.4 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: 24.51 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

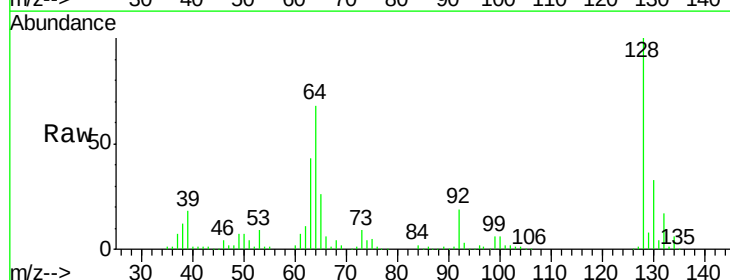
Tgt Ion: 128 Resp: 267345

Ion Ratio Lower Upper

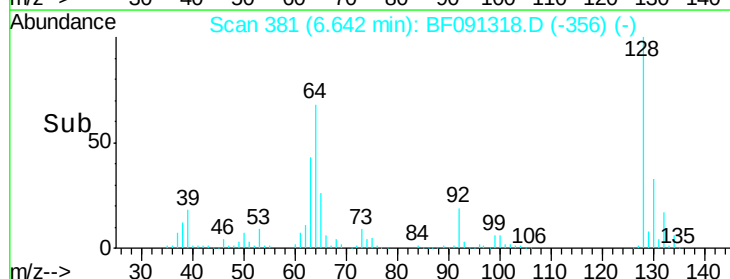
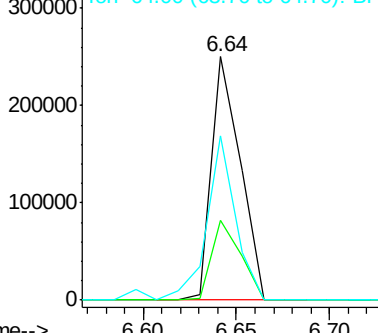
128 100

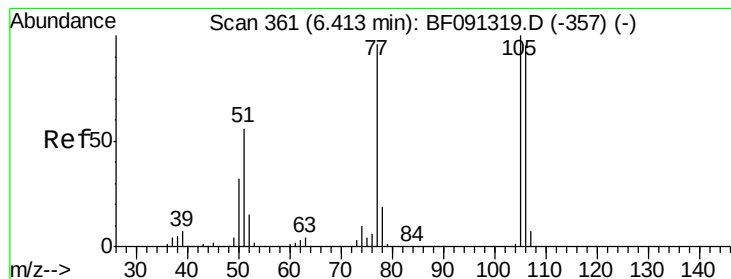
130 32.6 13.1 53.1

64 67.7 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: 1.89 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.22 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

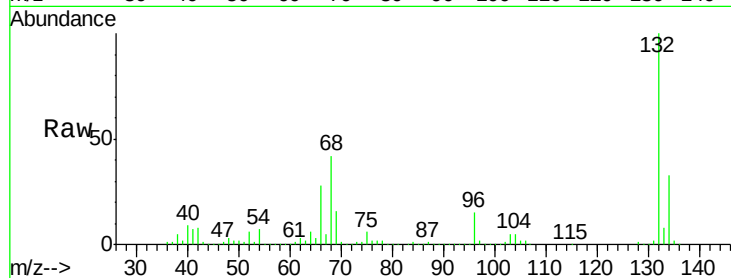
Tot Ion: 77 Resp: 13182

Ion Ratio Lower Upper

77 100

105 83.5 66.4 106.4

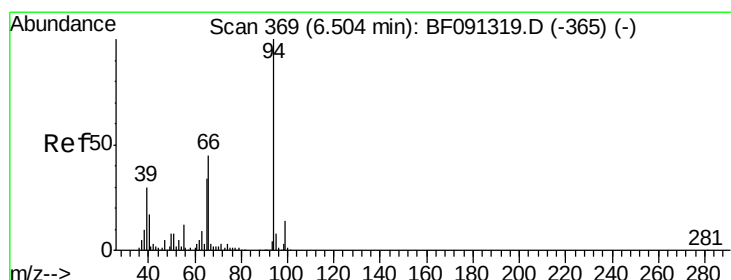
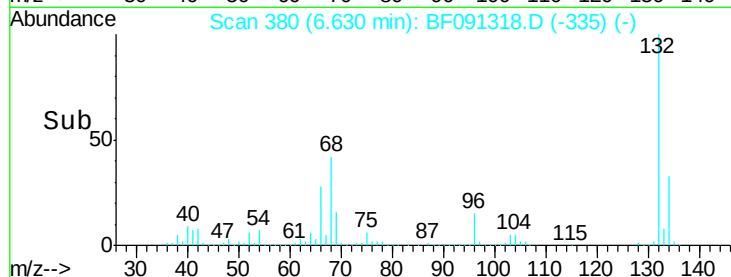
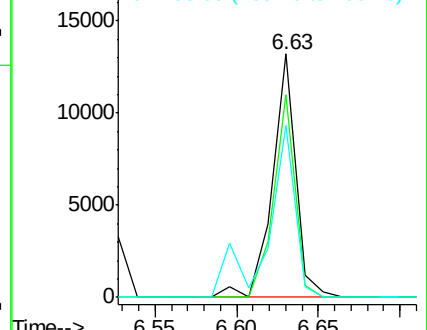
106 70.4 60.9 100.9



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: 25.47 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

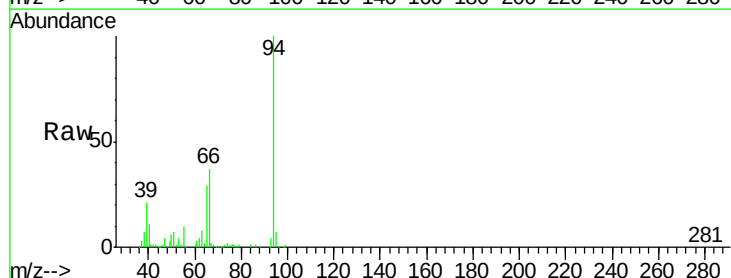
Tgt Ion: 94 Resp: 365683

Ion Ratio Lower Upper

94 100

65 28.9 16.9 56.9

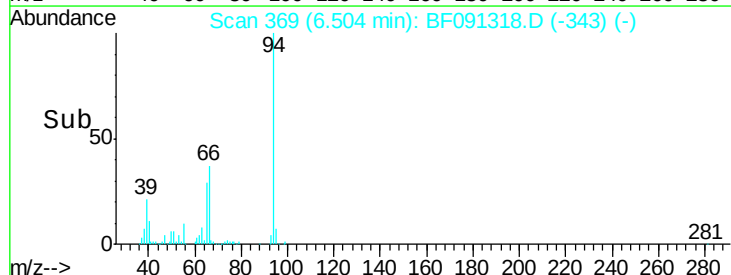
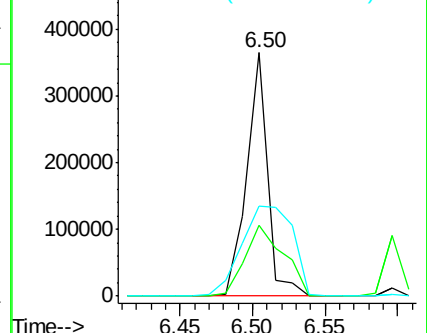
66 36.7 30.6 70.6

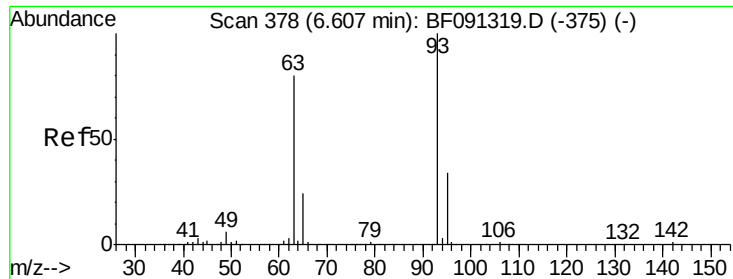


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

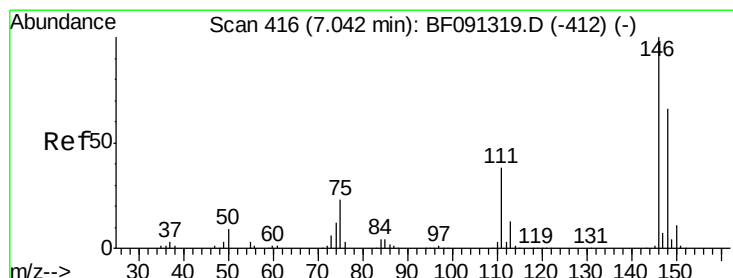
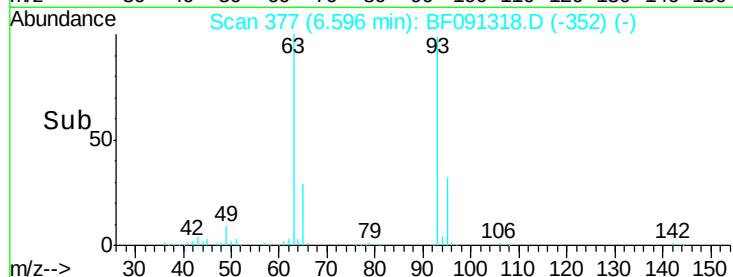
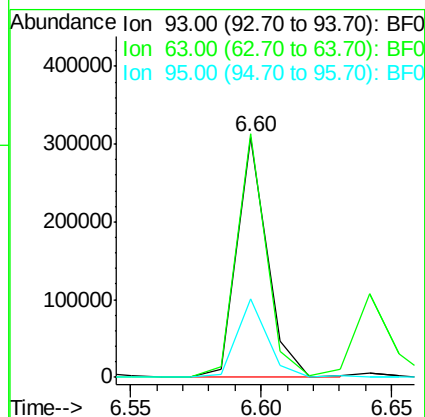
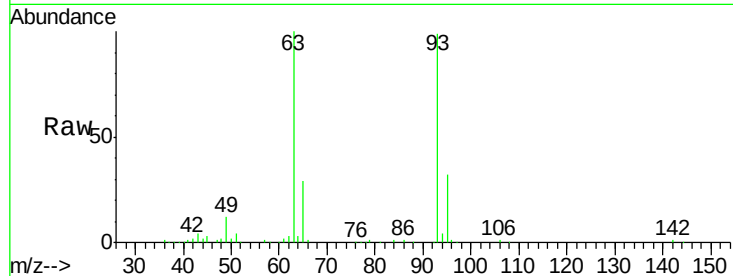




#11
bis(2-Chloroethyl)ether
Concen: 23.70 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

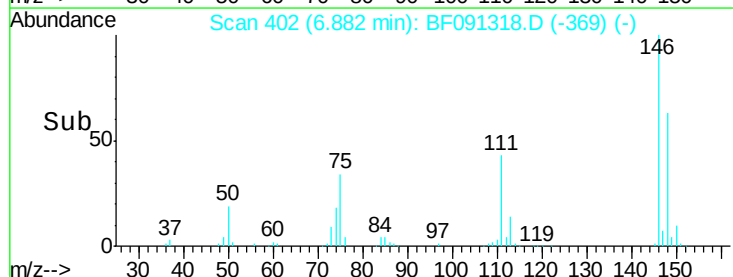
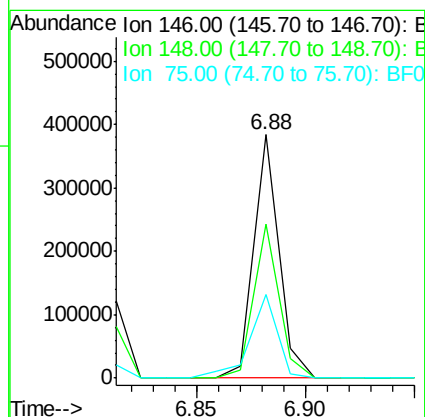
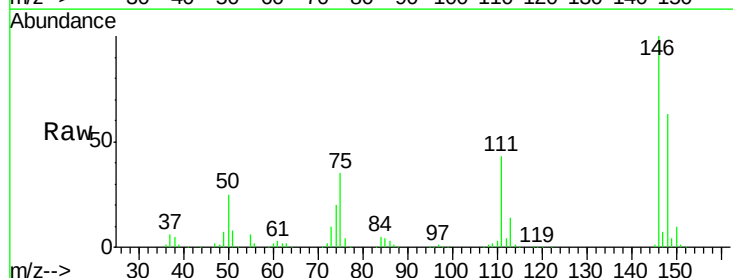
Instrument :
BNA_F
ClientSampleId :

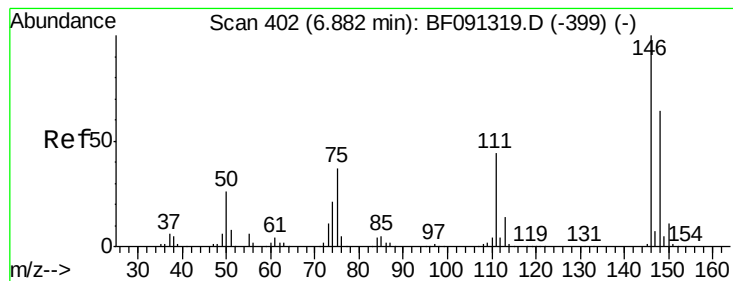
Tot Ion: 93 Resp: 250076
Ion Ratio Lower Upper
93 100
63 101.4 74.8 114.8
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 25.95 ng
RT: 6.88 min Scan# 402
Delta R.T. 0.08 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion: 146 Resp: 308627
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
75 34.6 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 25.35 ng

RT: 6.88 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

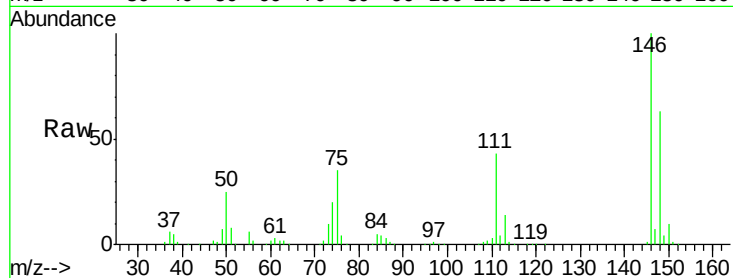
Tot Ion:146 Resp: 308627

Ion Ratio Lower Upper

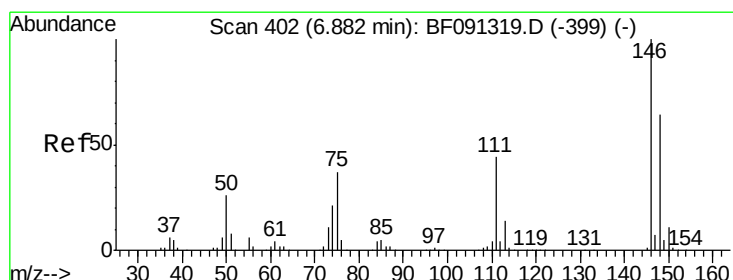
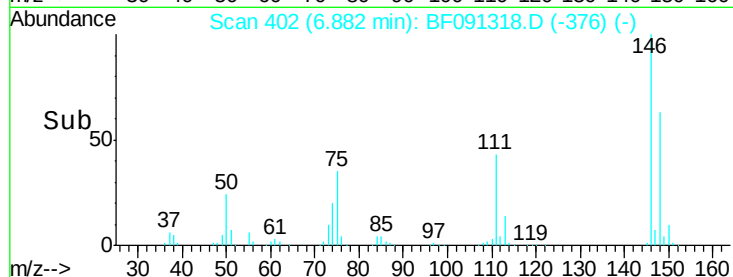
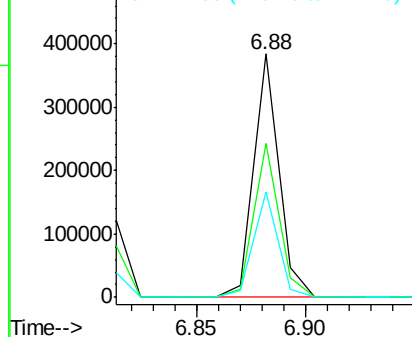
146 100

148 63.0 51.4 77.0

111 43.0 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.72 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.16 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

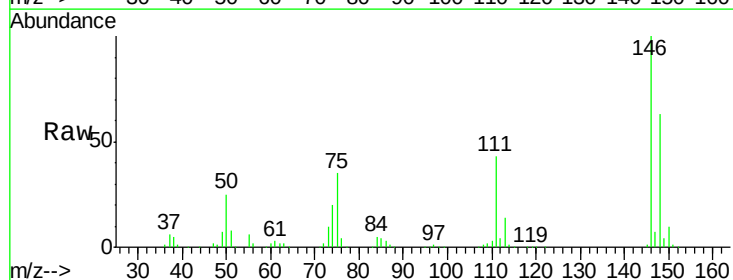
Tgt Ion:146 Resp: 308627

Ion Ratio Lower Upper

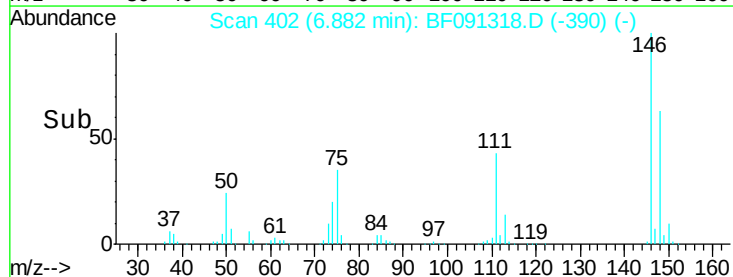
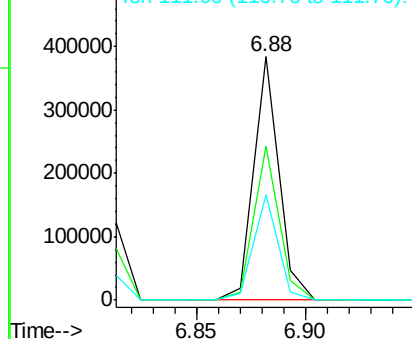
146 100

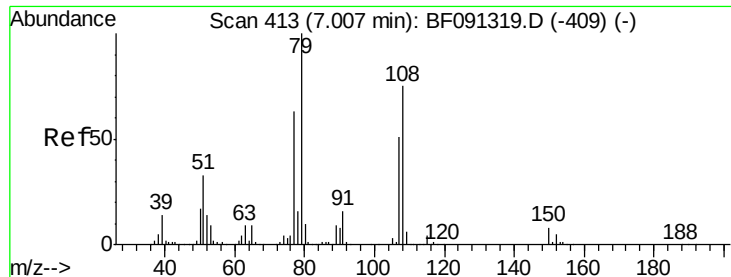
148 63.0 51.0 76.6

111 43.0 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.90 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

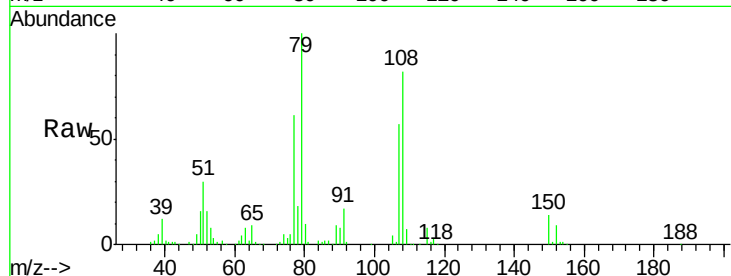
Tot Ion: 79 Resp: 258732

Ion Ratio Lower Upper

79 100

108 81.9 62.7 94.1

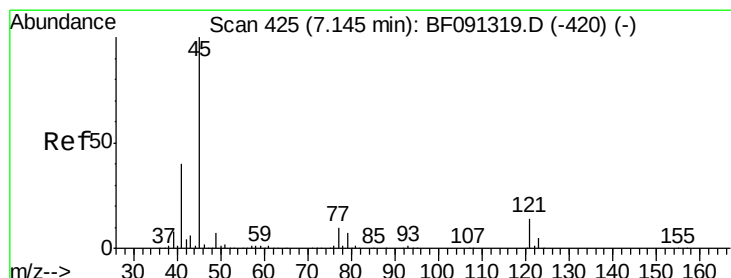
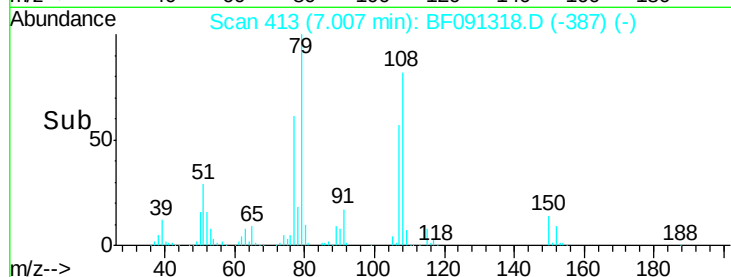
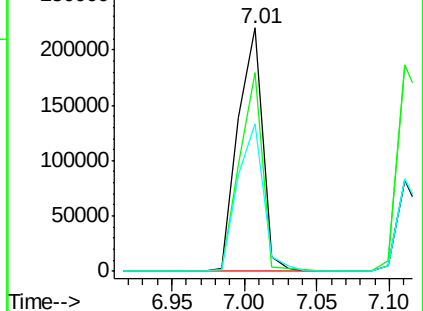
77 60.7 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.09 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

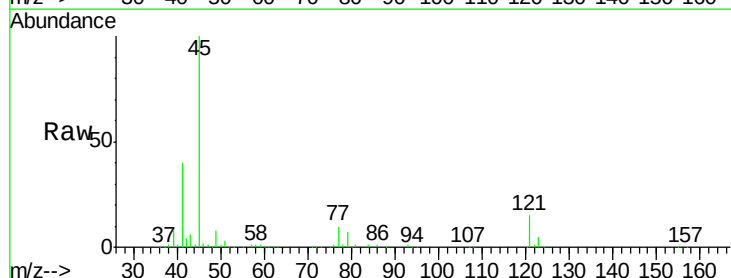
Tgt Ion: 45 Resp: 534286

Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

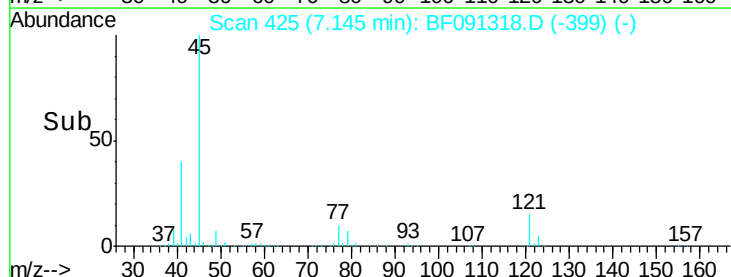
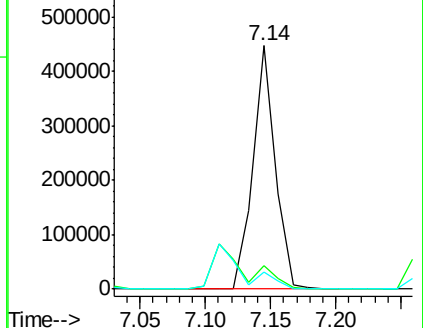
79 7.3 0.2 40.2

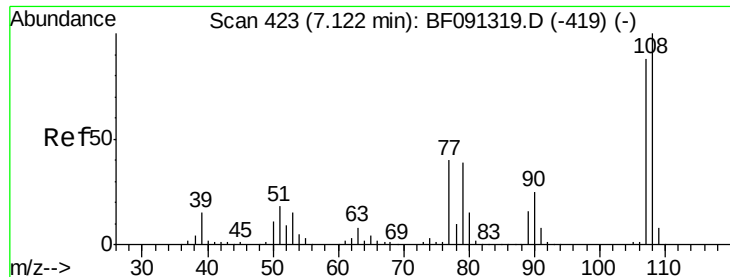


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 24.30 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 209706

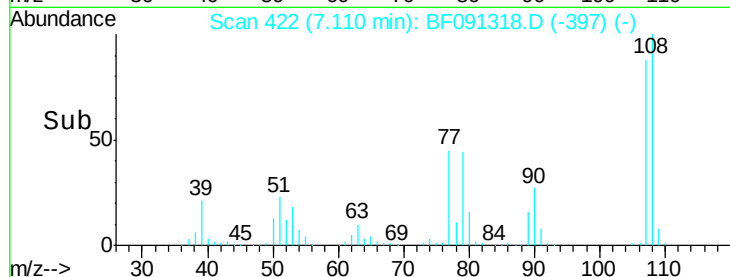
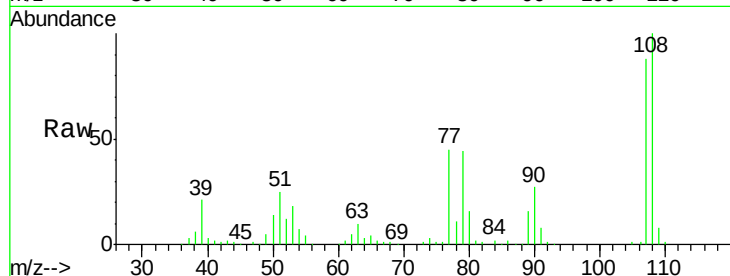
Ion Ratio Lower Upper

107 100

108 114.2 67.7 101.5#

77 51.2 40.7 61.1

79 50.2 23.4 35.2#

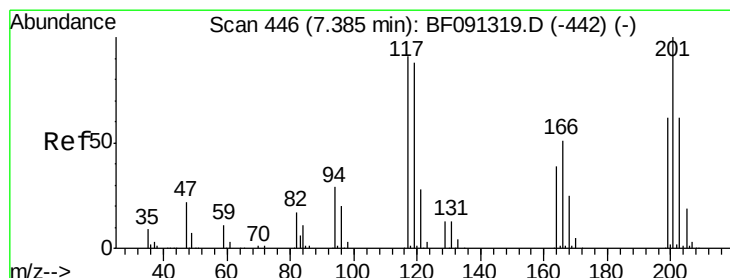
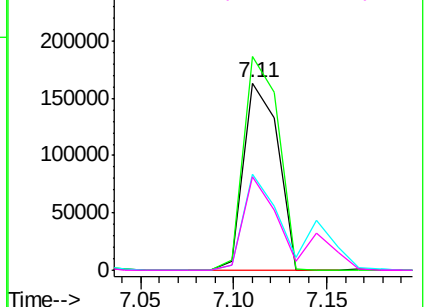


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 26.14 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

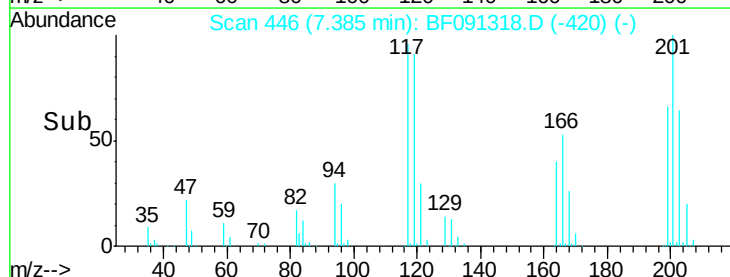
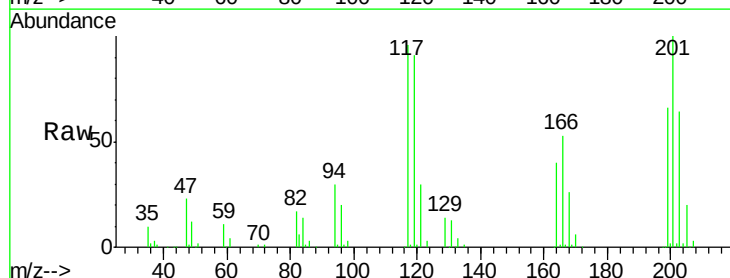
Tgt Ion:117 Resp: 113321

Ion Ratio Lower Upper

117 100

119 95.7 78.6 118.0

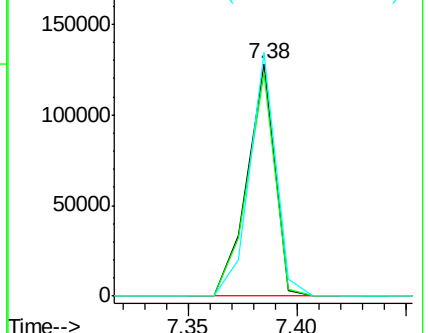
201 104.7 86.7 130.1

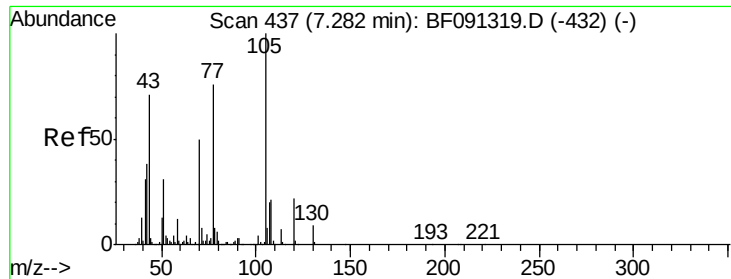


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

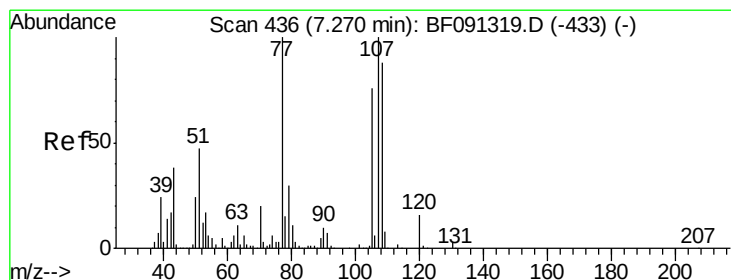
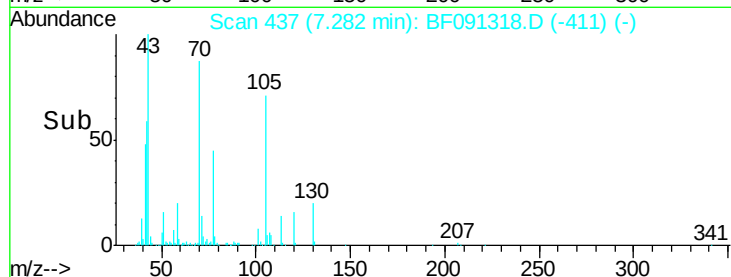
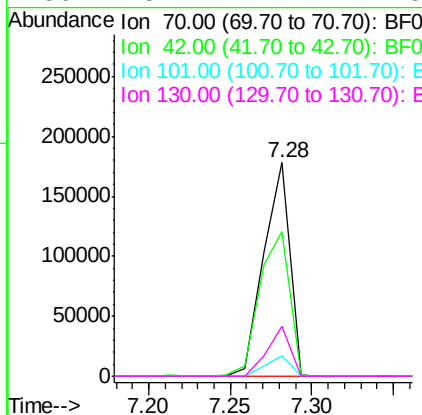
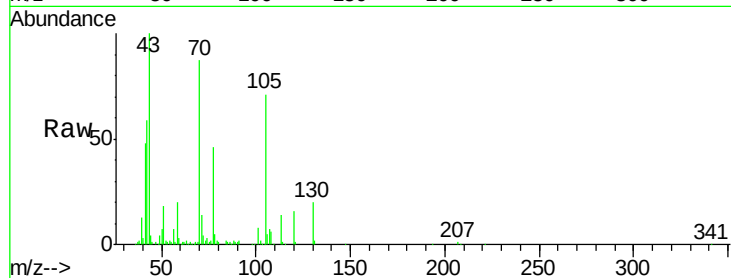




#19
n-Nitroso-di-n-propylamine
Concen: 24.64 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

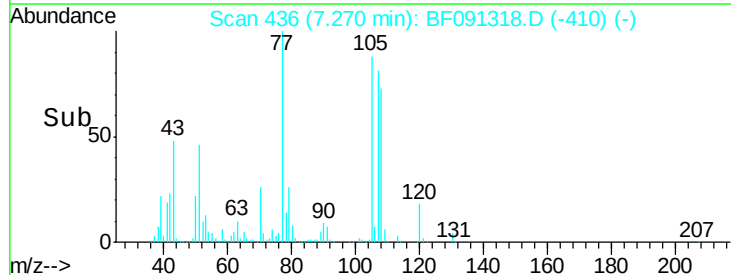
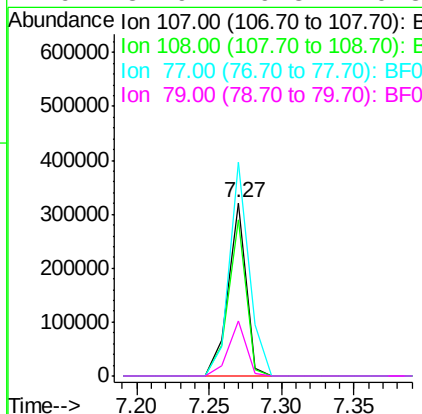
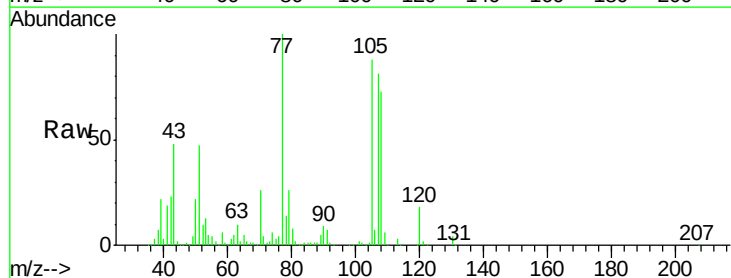
Instrument :
BNA_F
ClientSampleId :

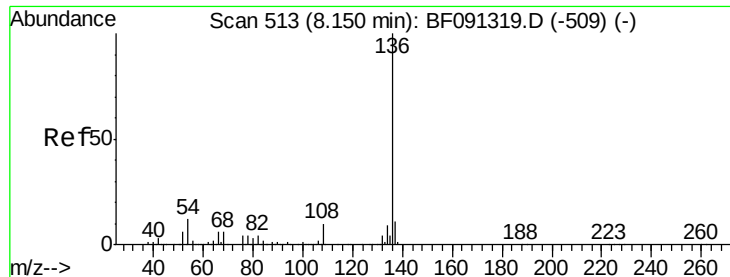
Tot Ion: 70 Resp: 198858
Ion Ratio Lower Upper
70 100
42 67.9 64.8 97.2
101 9.7 6.2 9.4#
130 23.4 11.7 17.5#



#20
3+4-Methylphenols
Concen: 26.12 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion: 107 Resp: 276691
Ion Ratio Lower Upper
107 100
108 90.4 64.6 104.6
77 123.5 30.9 70.9#
79 31.9 9.3 49.3

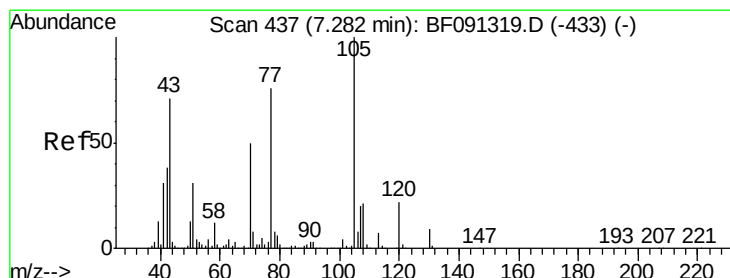
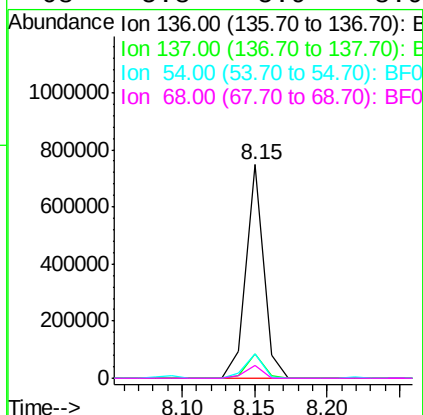
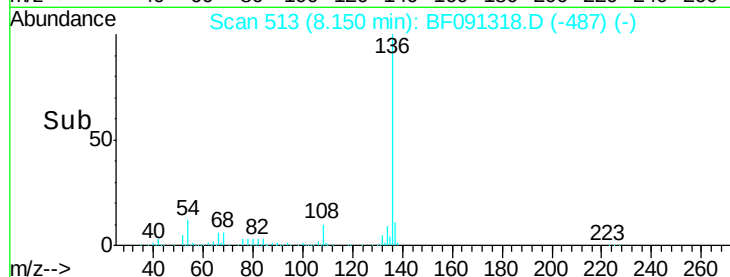
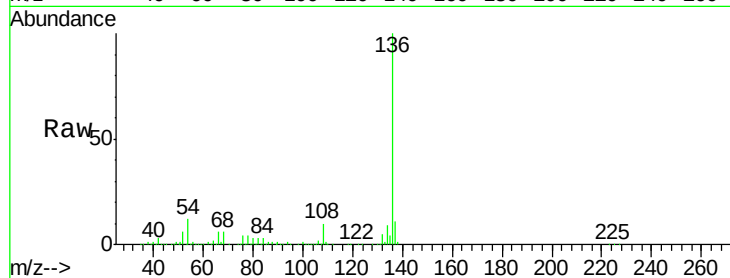




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

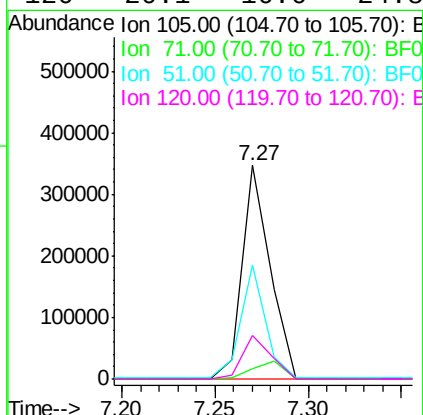
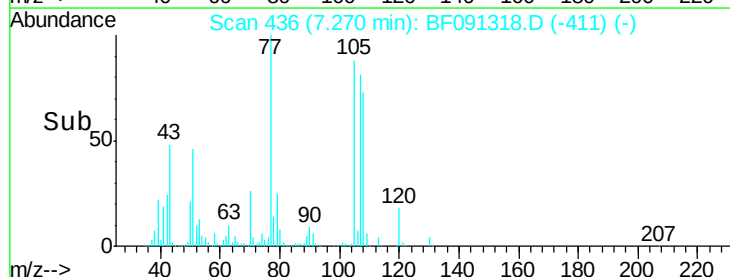
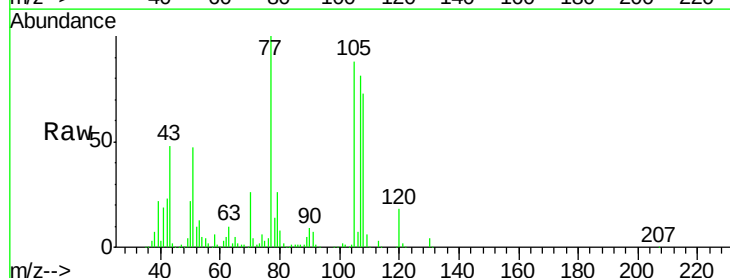
Instrument :
BNA_F
ClientSampleId :

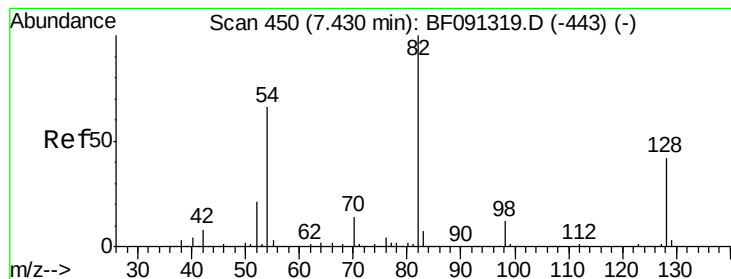
Tot Ion:136	Resp:	632321
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	11.5	9.1 13.7
68	5.8	5.9 8.9#



#22
Acetophenone
Concen: 25.15 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:105	Resp:	358803
Ion Ratio	Lower	Upper
105	100	
71	5.0	7.9 11.9#
51	53.3	24.5 36.7#
120	20.1	16.6 24.8





#23

Nitrobenzene-d5

Concen: 55.19 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

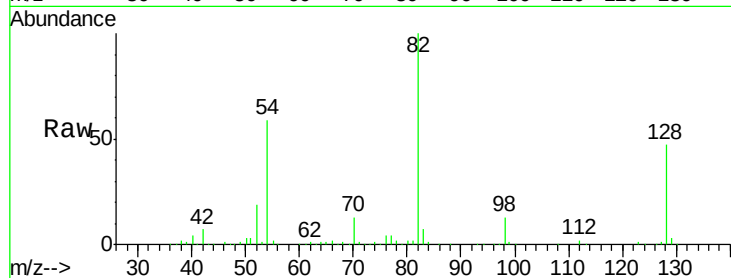
Tot Ion: 82 Resp: 606146

Ion Ratio Lower Upper

82 100

128 47.0 31.8 47.6

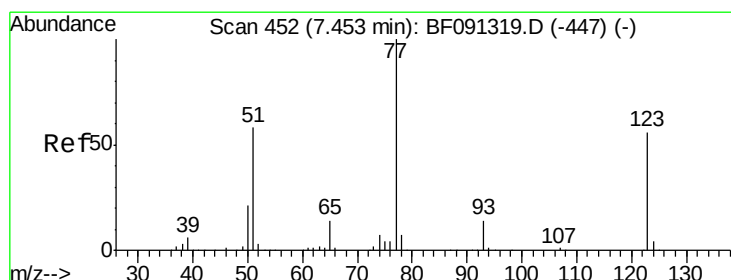
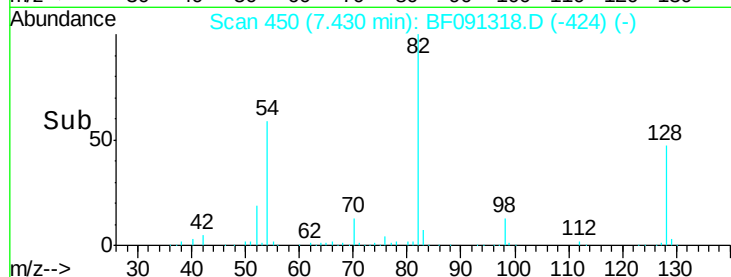
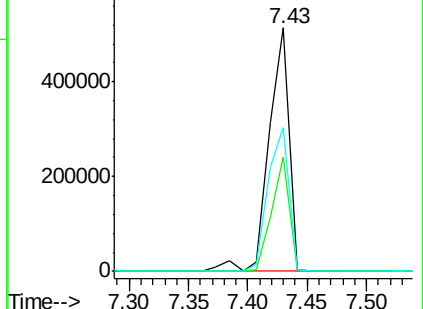
54 59.1 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 23.19 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

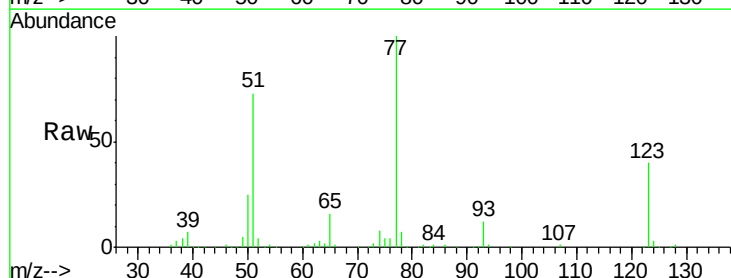
Tgt Ion: 77 Resp: 269522

Ion Ratio Lower Upper

77 100

123 39.8 28.5 42.7

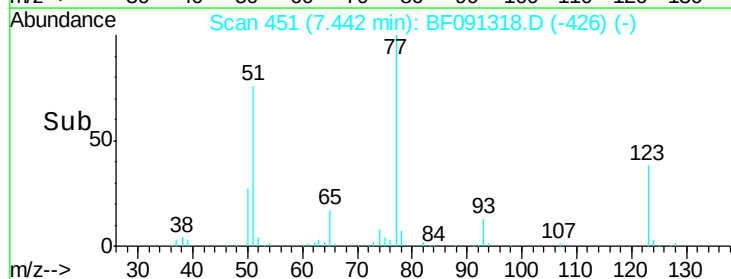
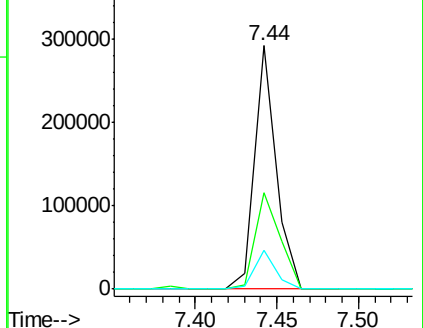
65 15.9 12.5 18.7

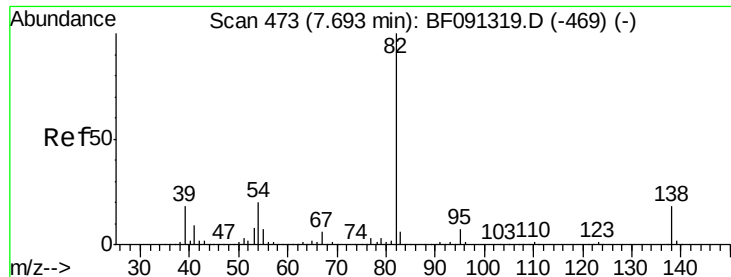


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.49 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampled :

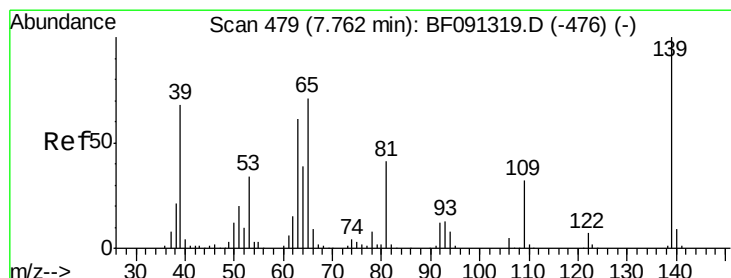
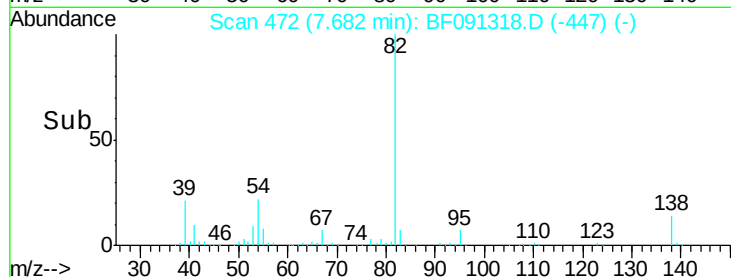
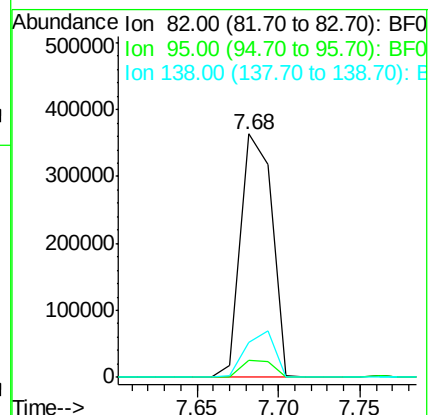
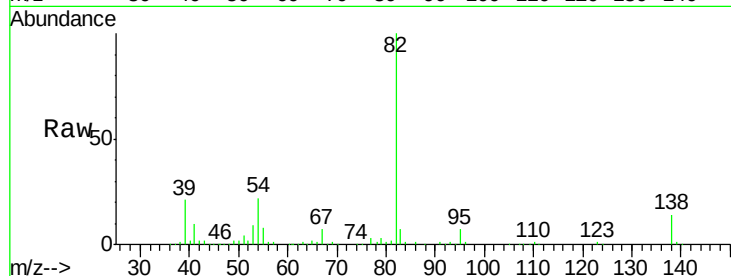
Tot Ion: 82 Resp: 482013

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 14.3 13.4 20.0



#26

2-Nitrophenol

Concen: 27.09 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

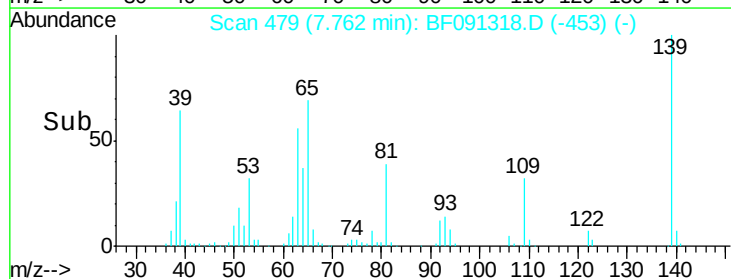
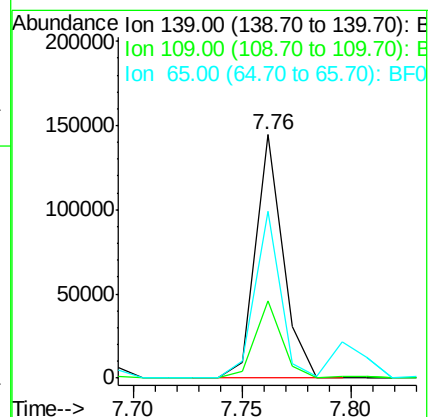
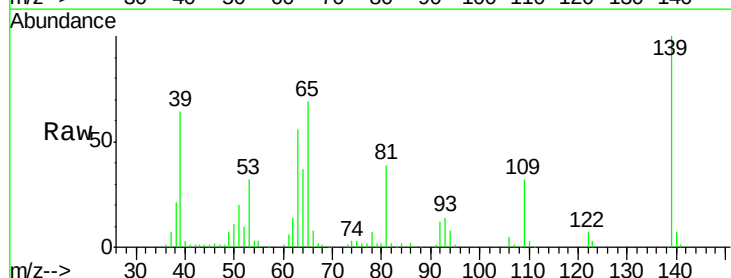
Tgt Ion: 139 Resp: 126294

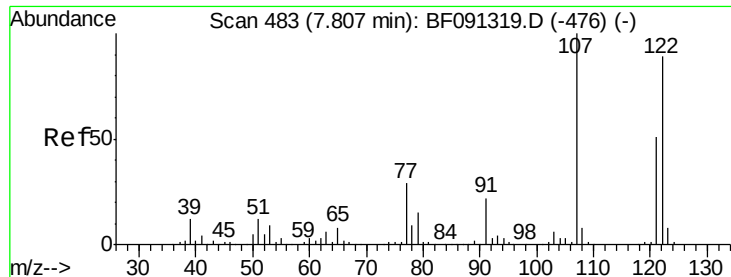
Ion Ratio Lower Upper

139 100

109 31.5 25.3 37.9

65 68.6 55.4 83.2

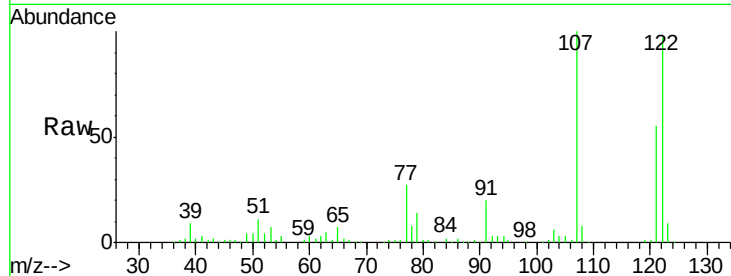




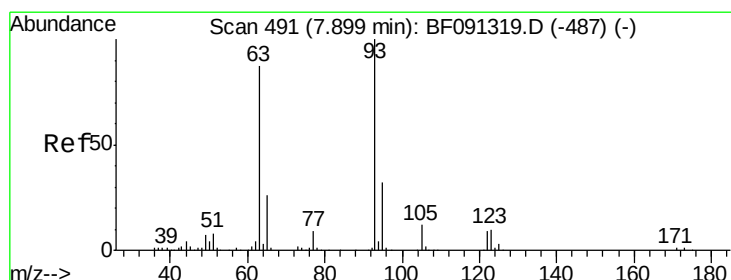
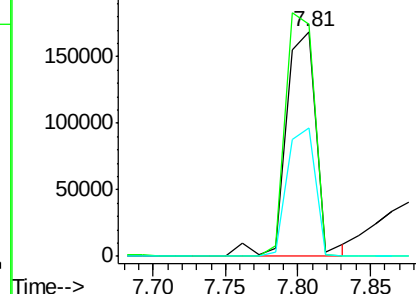
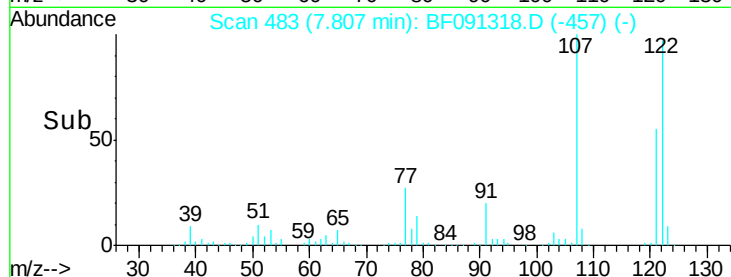
#27
2,4-Dimethylphenol
Concen: 24.75 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 242115
Ion Ratio Lower Upper
122 100
107 103.5 96.8 145.2
121 57.4 47.7 71.5

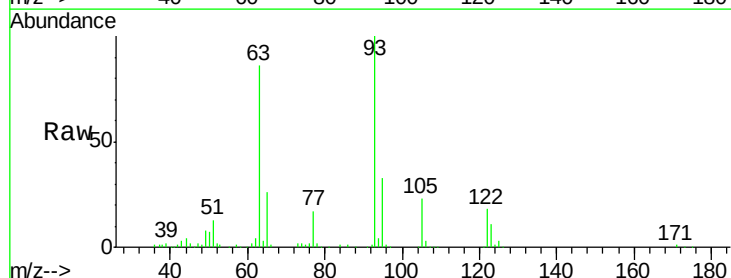


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

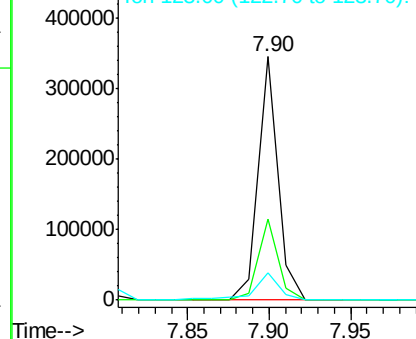
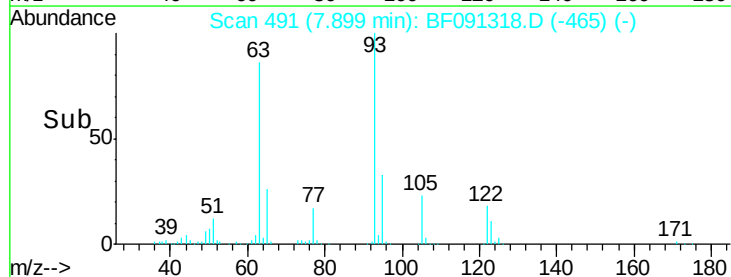


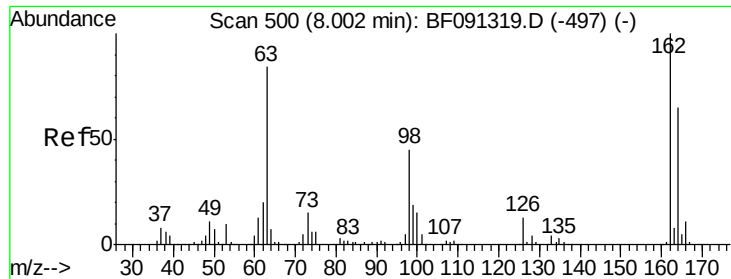
#28
bis(2-Chloroethoxy)methane
Concen: 23.96 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion: 93 Resp: 292733
Ion Ratio Lower Upper
93 100
95 33.4 26.0 39.0
123 11.5 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

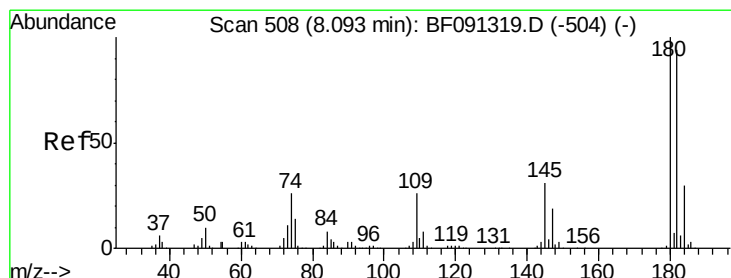
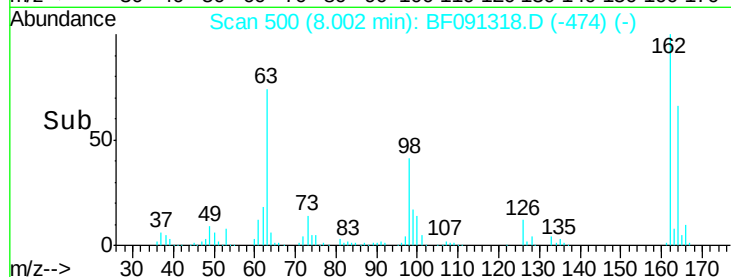
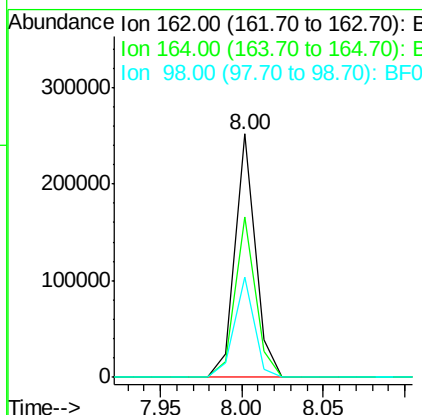
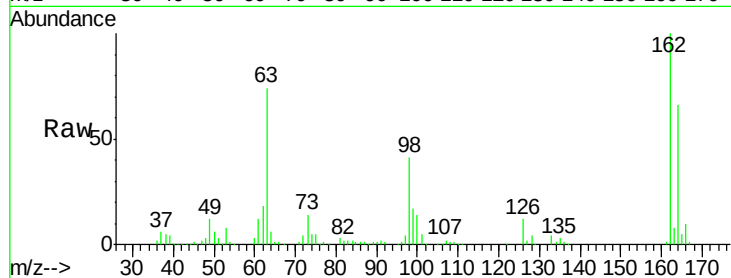




#29
 2,4-Dichlorophenol
 Concen: 25.00 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

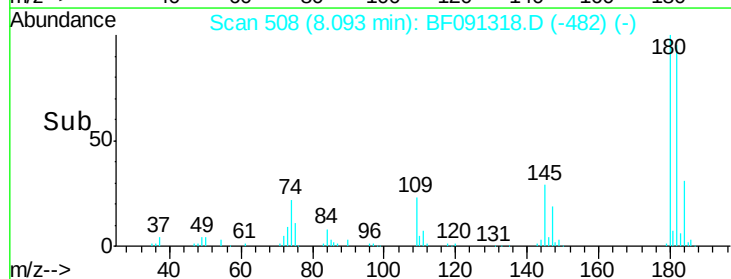
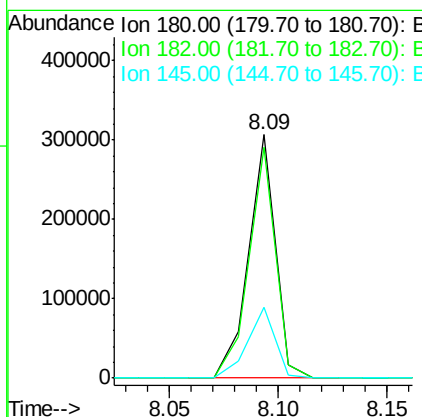
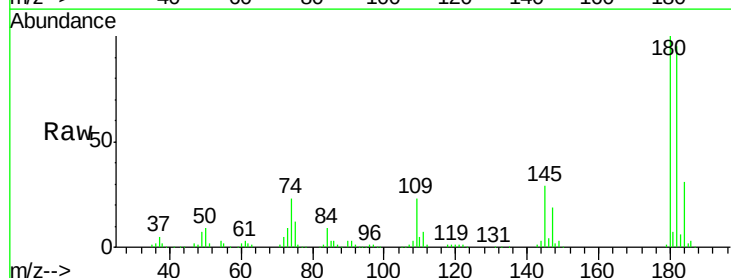
Instrument :
 BNA_F
 ClientSampleId :

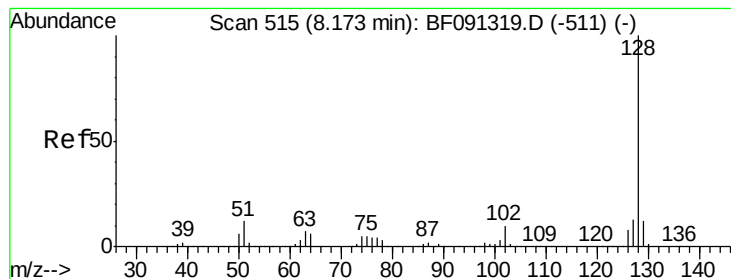
Tot Ion:162 Resp: 216137
 Ion Ratio Lower Upper
 162 100
 164 65.7 45.0 85.0
 98 41.3 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 26.33 ng
 RT: 8.09 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:180 Resp: 262220
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 145 29.0 27.0 40.4





#31

Naphthalene

Concen: 26.70 ng

RT: 8.17 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

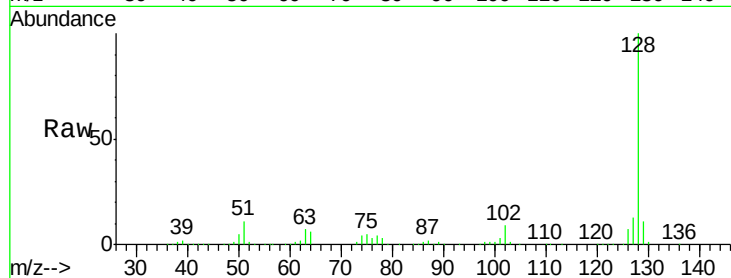
Tot Ion:128 Resp: 812131

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

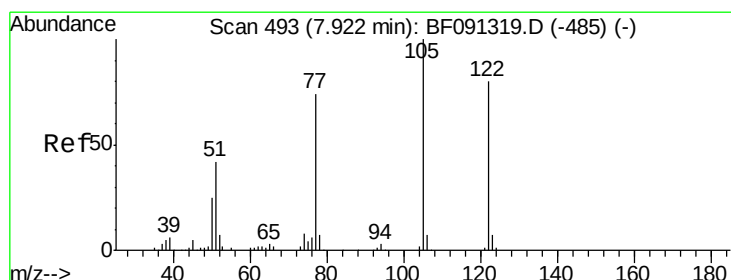
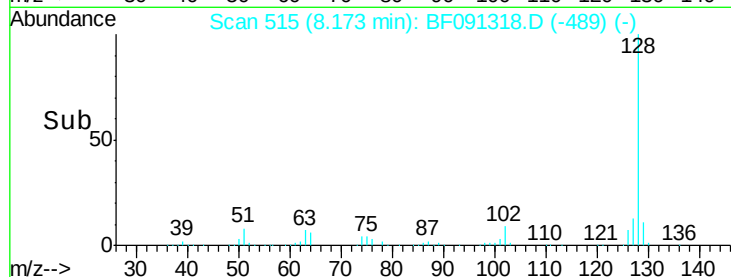
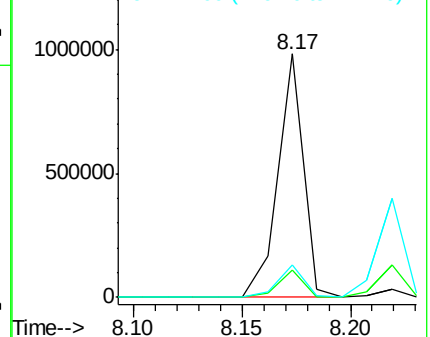
127 13.2 11.0 16.4



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: 23.84 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

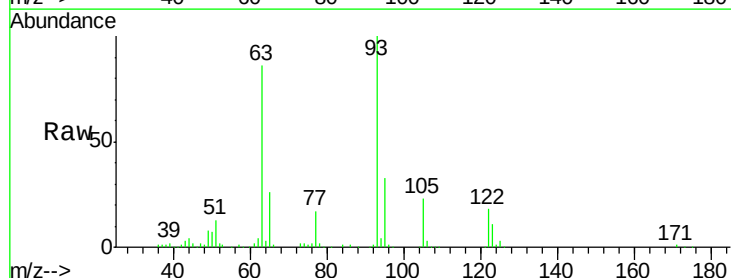
Tgt Ion:122 Resp: 183674

Ion Ratio Lower Upper

122 100

105 124.1 113.0 153.0

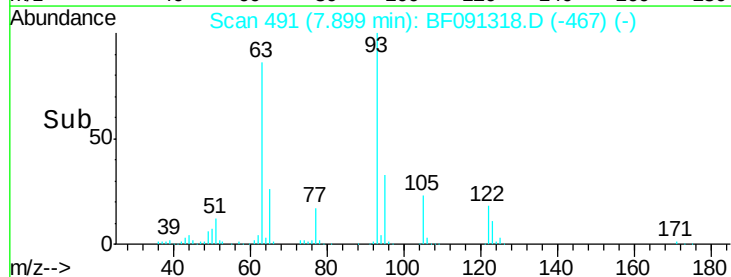
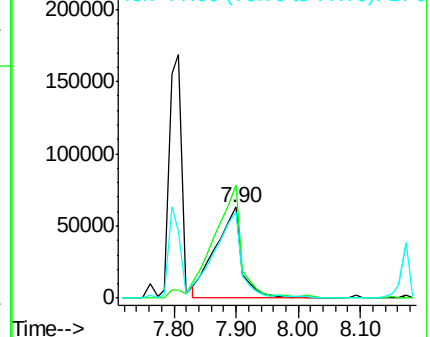
77 94.4 82.0 122.0

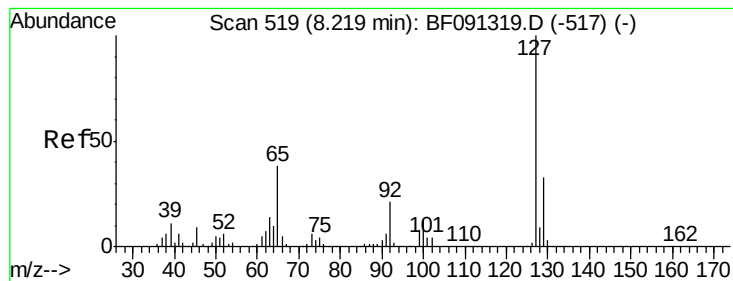


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 25.49 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 337322

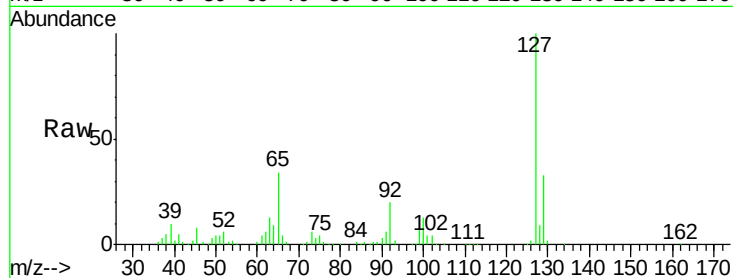
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 34.2 26.6 39.8

92 20.0 15.4 23.0

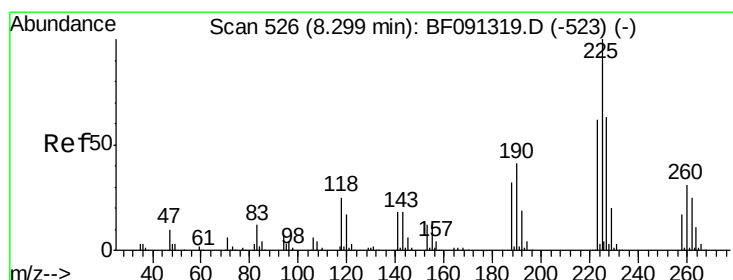
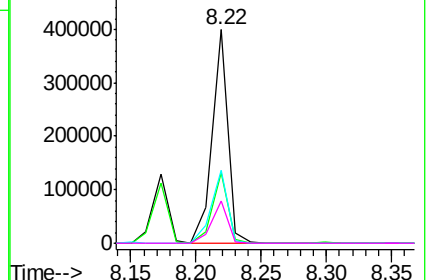
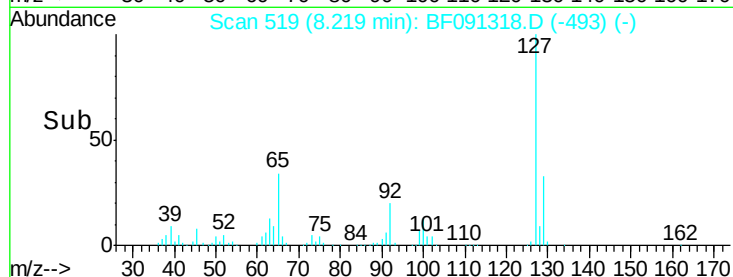


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 26.59 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

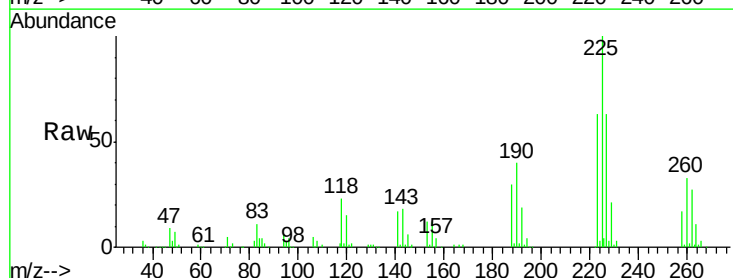
Tgt Ion:225 Resp: 156545

Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.6

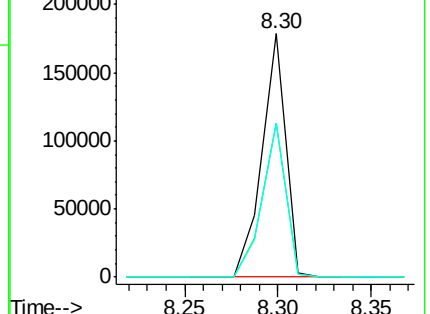
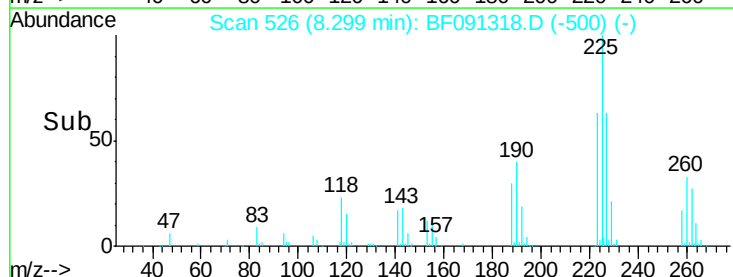
227 63.2 52.6 79.0

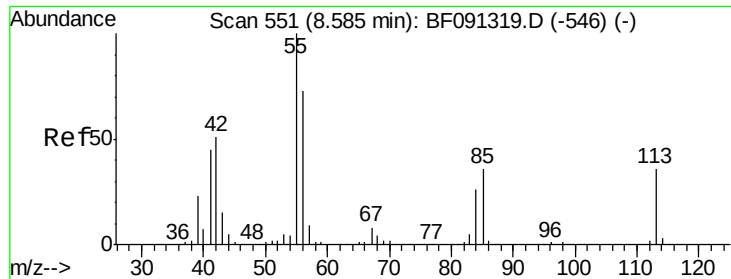


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

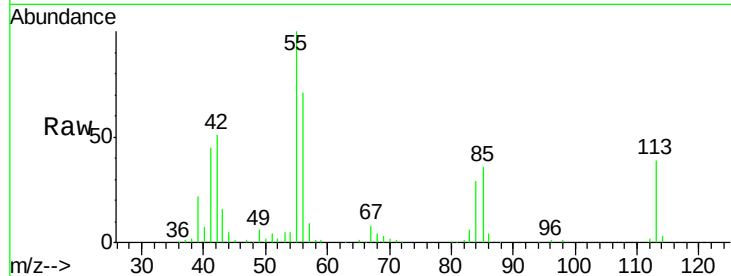




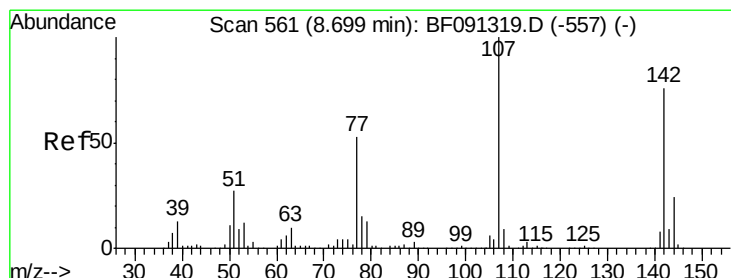
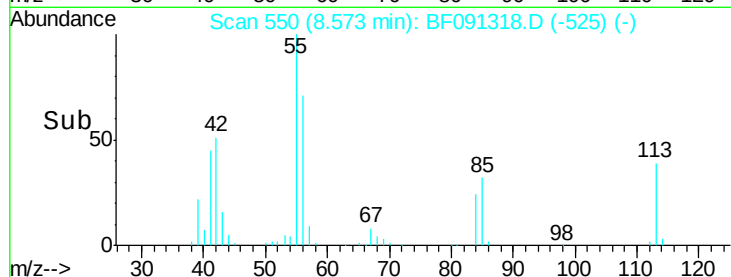
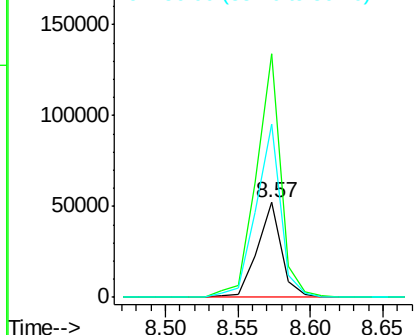
#35
 Caprolactam
 Concen: 22.57 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 60163
 Ion Ratio Lower Upper
 113 100
 55 257.1 239.8 279.8
 56 182.7 165.6 205.6

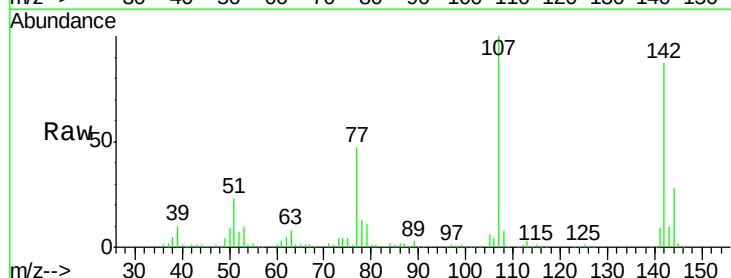


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

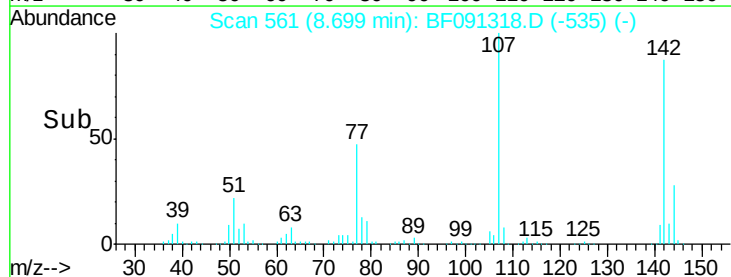
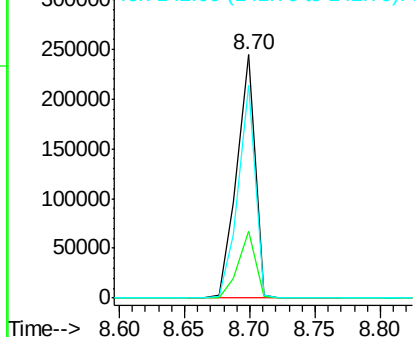


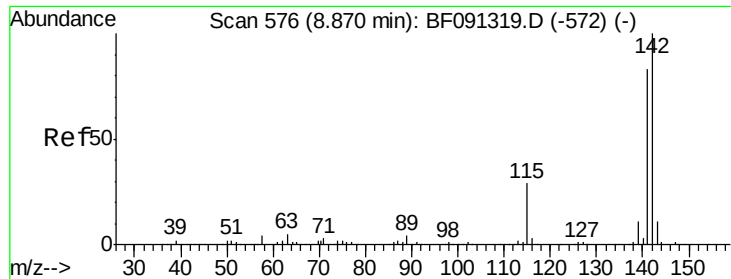
#36
 4-Chloro-3-methylphenol
 Concen: 25.57 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:107 Resp: 237547
 Ion Ratio Lower Upper
 107 100
 144 27.8 18.9 28.3
 142 87.4 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

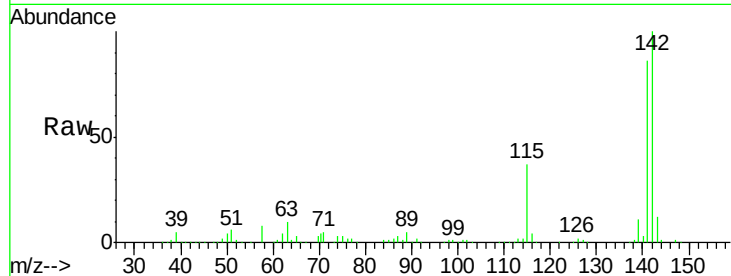




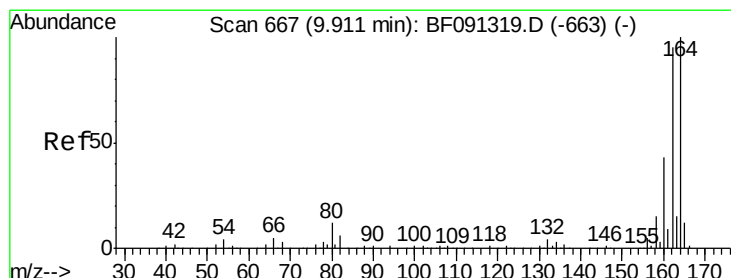
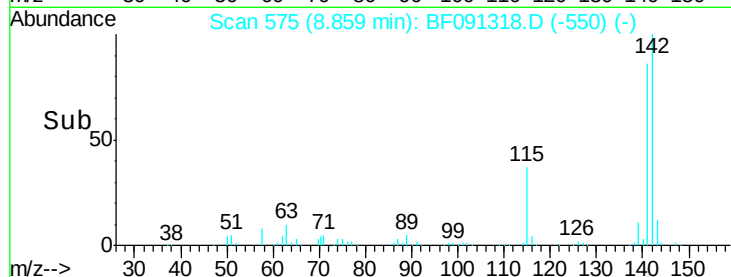
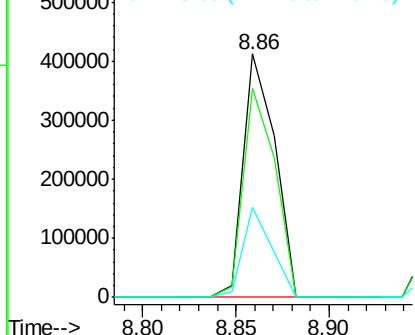
#37
 2-Methylnaphthalene
 Concen: 23.25 ng
 RT: 8.86 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 485426
 Ion Ratio Lower Upper
 142 100
 141 85.7 71.7 107.5
 115 37.1 25.0 37.6

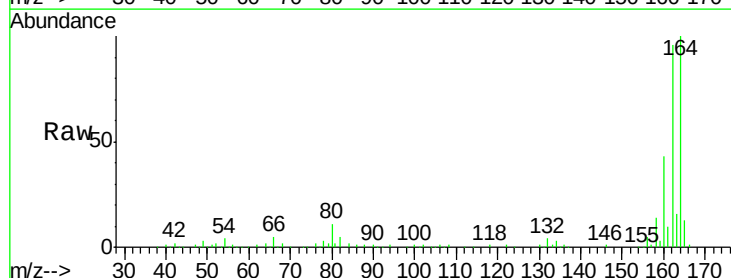


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

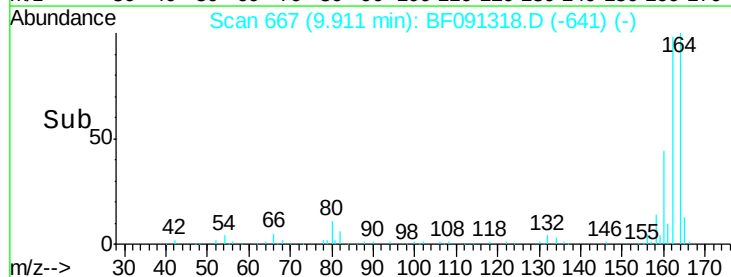
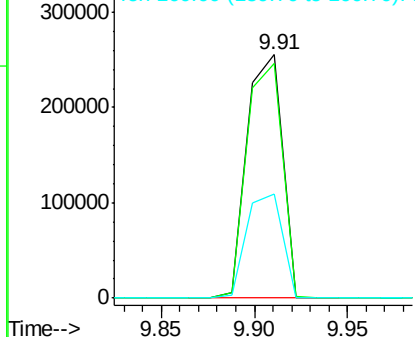


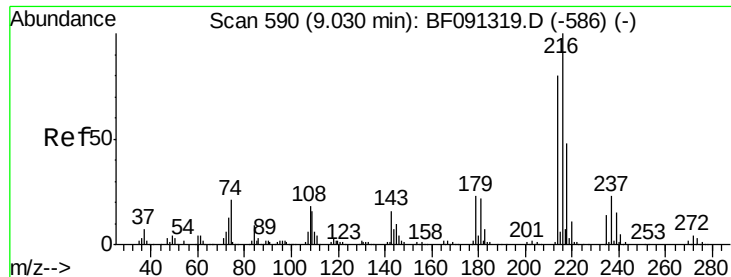
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:164 Resp: 335080
 Ion Ratio Lower Upper
 164 100
 162 96.3 82.6 124.0
 160 42.8 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.94 ng

RT: 9.03 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 253706

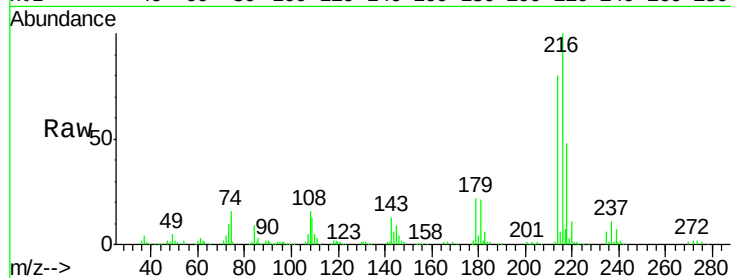
Ion Ratio Lower Upper

216 100

214 80.9 63.8 95.8

179 21.9 18.2 27.2

108 18.4 17.2 25.8

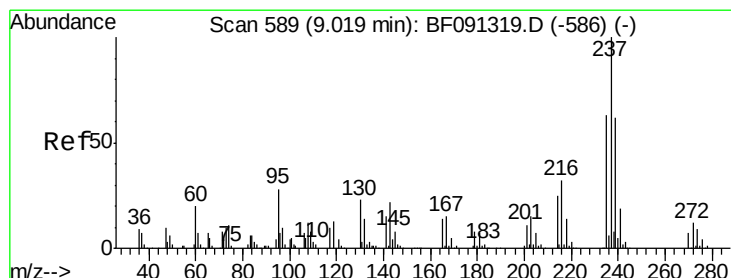
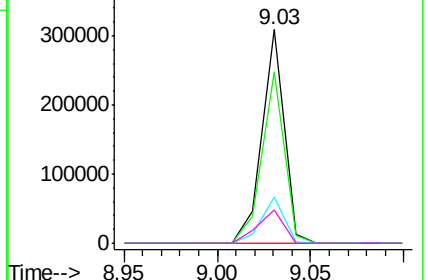
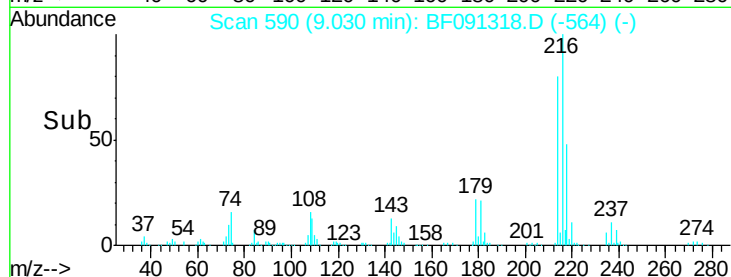


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.75 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

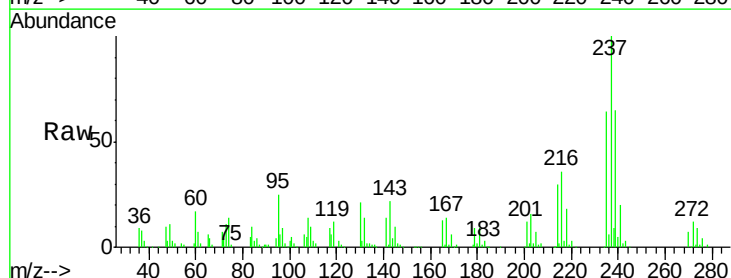
Tgt Ion:237 Resp: 116852

Ion Ratio Lower Upper

237 100

235 64.0 43.9 83.9

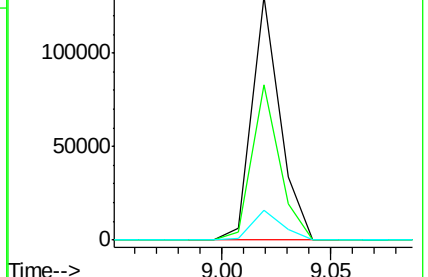
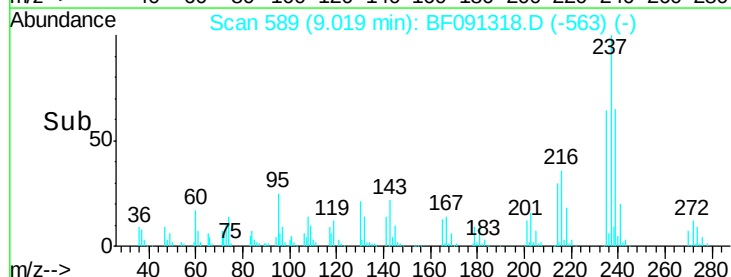
272 12.2 0.0 33.1

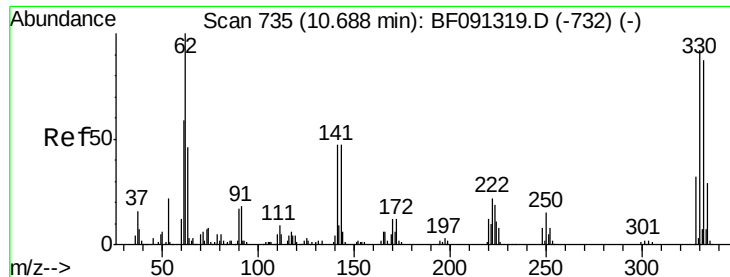


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

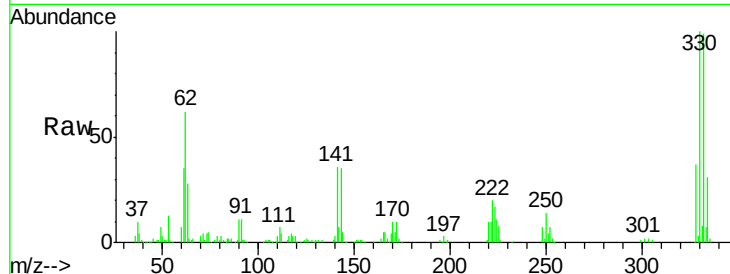




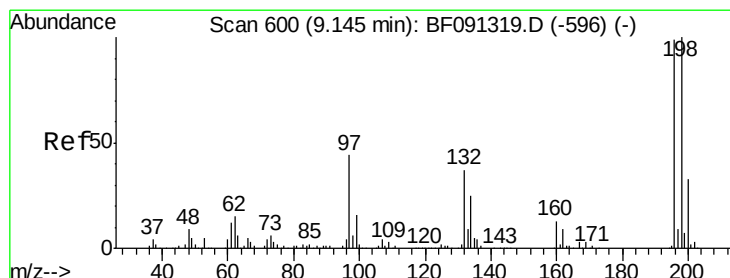
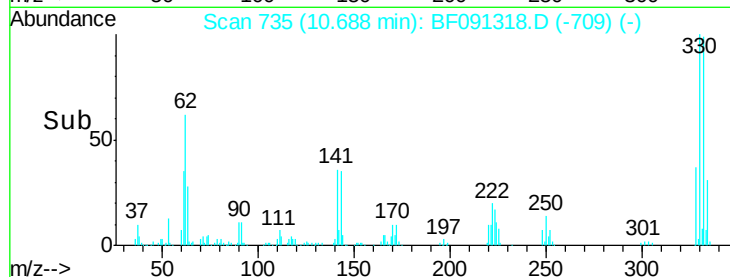
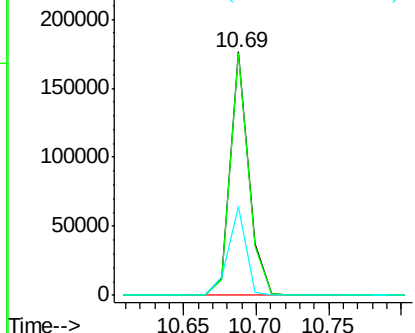
#41
 2,4,6-Tribromophenol
 Concen: 46.23 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 156202
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 35.3 33.6 50.4

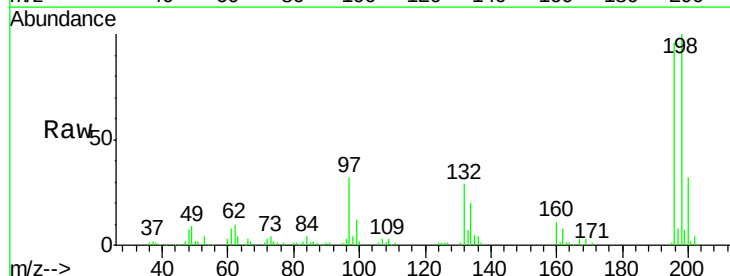


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

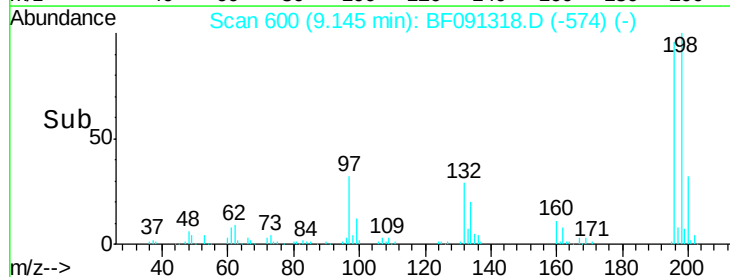
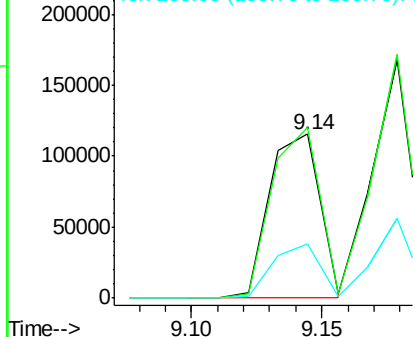


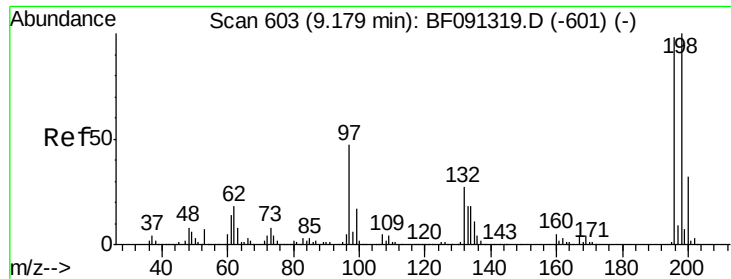
#42
 2,4,6-Trichlorophenol
 Concen: 24.84 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:196 Resp: 155531
 Ion Ratio Lower Upper
 196 100
 198 104.0 77.4 116.0
 200 32.8 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

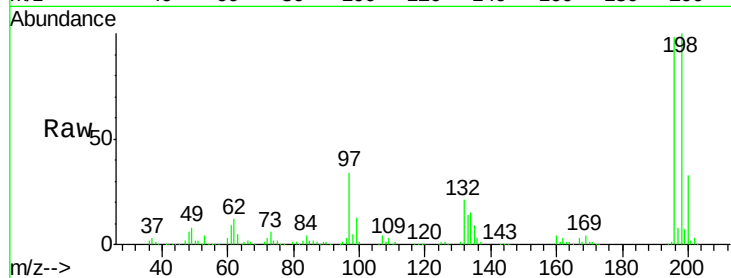




#43
 2,4,5-Trichlorophenol
 Concen: 28.14 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	169299
Ion	Ratio	Lower	Upper
196	100		
198	101.9	77.0	115.6
97	35.1	33.5	50.3
132	21.9	20.5	30.7



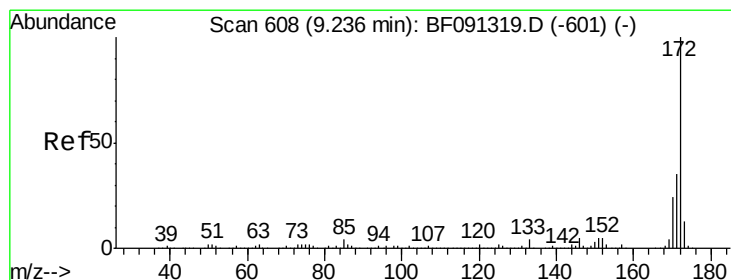
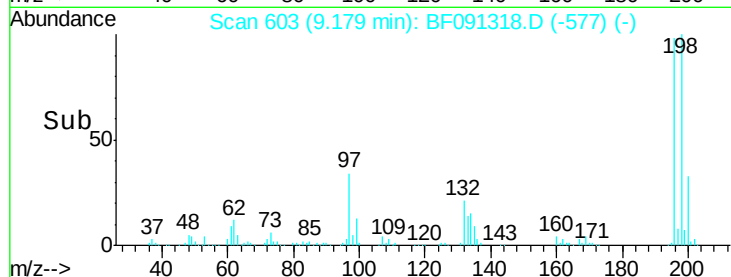
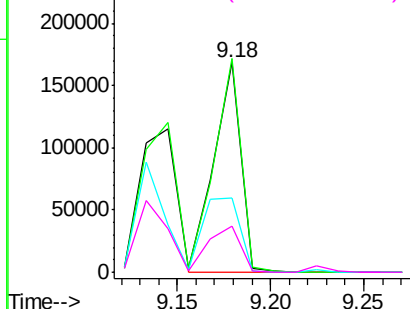
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

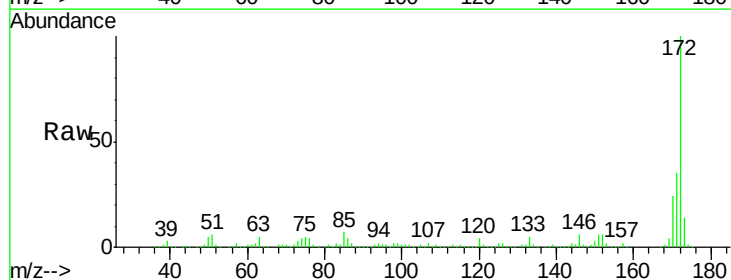
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 48.27 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion	172	Resp	987820
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.6	19.7	29.5

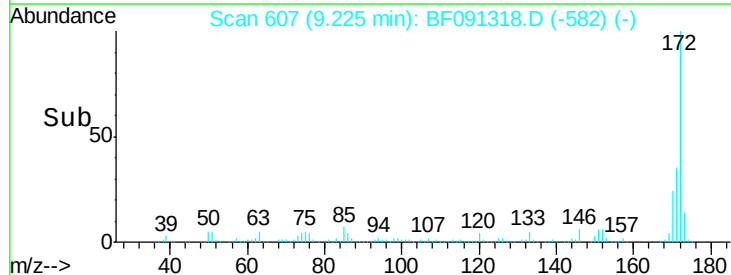
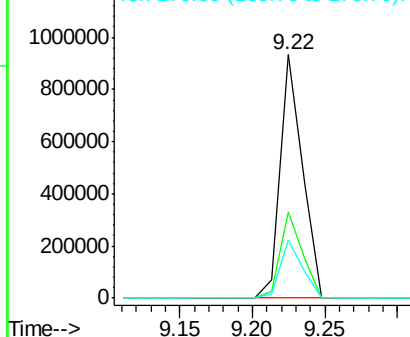


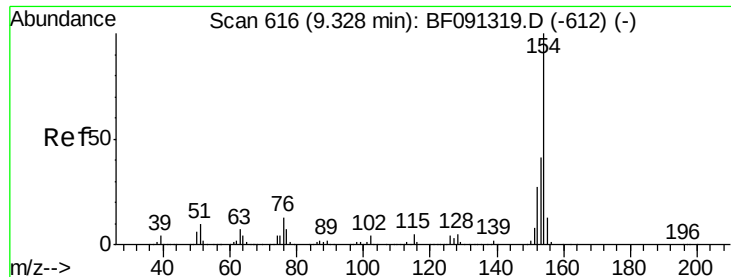
Abundance

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

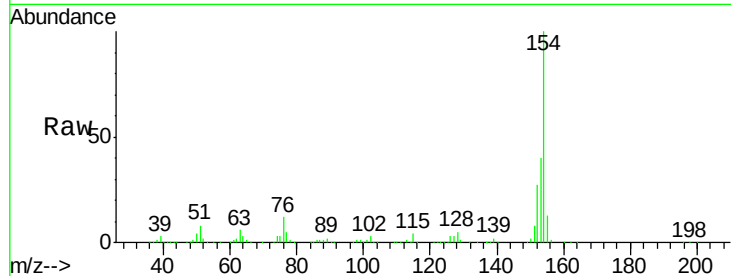




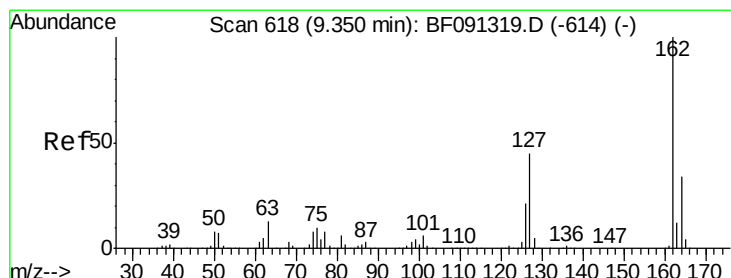
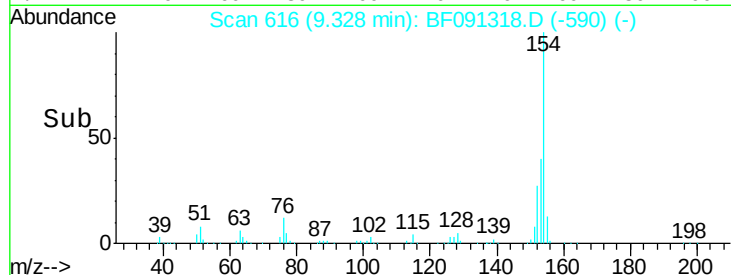
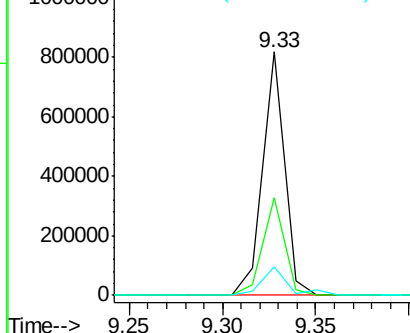
#45
 1,1'-Biphenyl
 Concen: 27.27 ng
 RT: 9.33 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 658703
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.6 60.6
 76 11.9 0.0 36.6

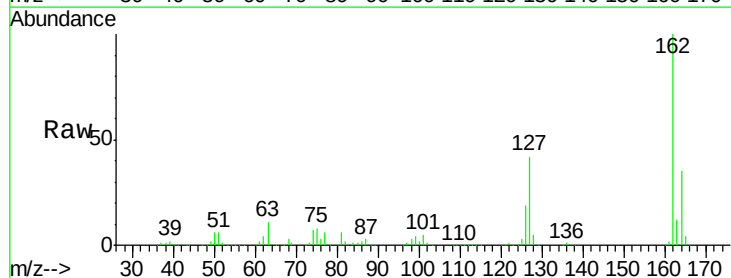


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

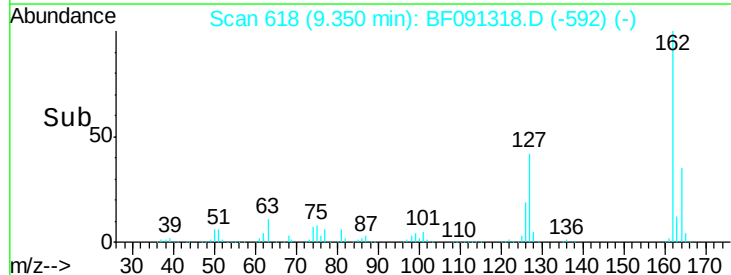
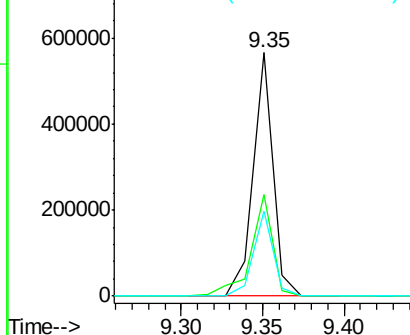


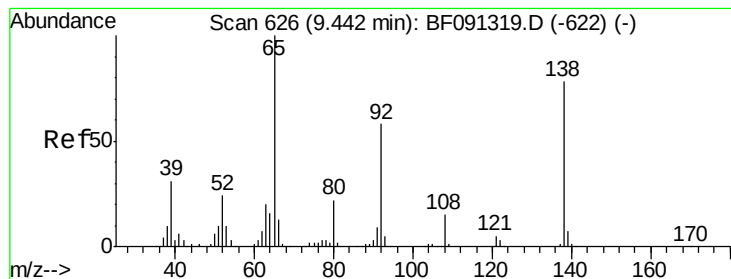
#46
 2-Chloronaphthalene
 Concen: 26.94 ng
 RT: 9.35 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:162 Resp: 476657
 Ion Ratio Lower Upper
 162 100
 127 41.7 34.3 51.5
 164 34.9 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: 29.54 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampled :

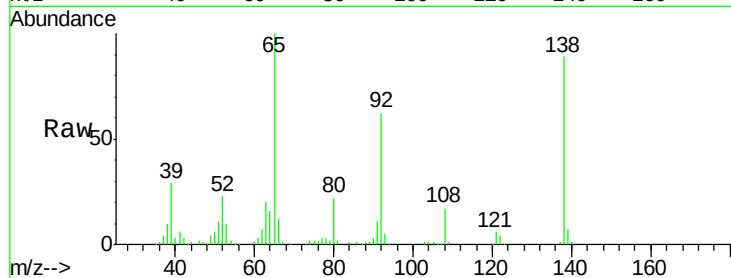
Tot Ion: 65 Resp: 177397

Ion Ratio Lower Upper

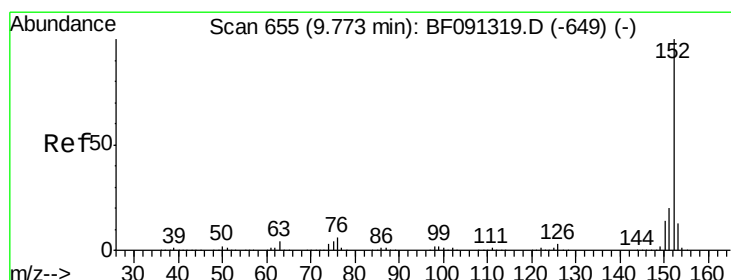
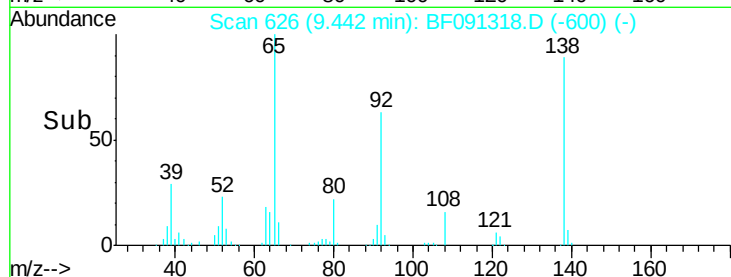
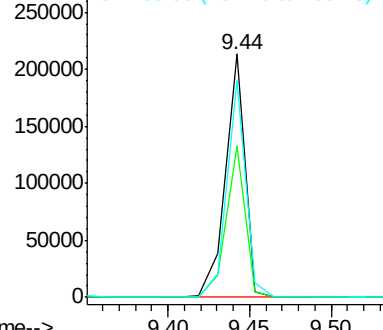
65 100

92 62.4 53.6 80.4

138 88.9 91.0 136.6#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 24.61 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

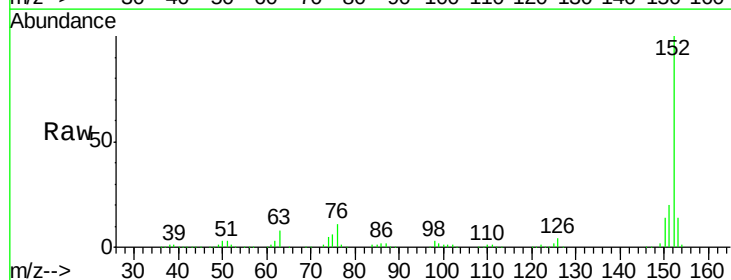
Tgt Ion: 152 Resp: 697805

Ion Ratio Lower Upper

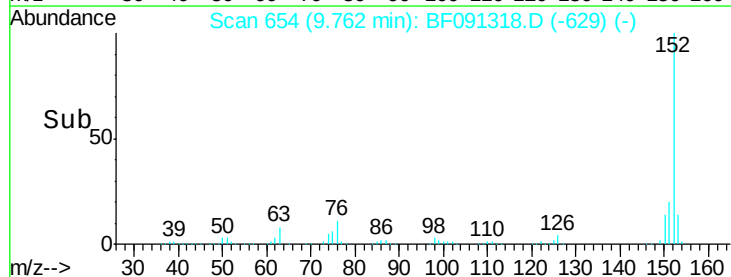
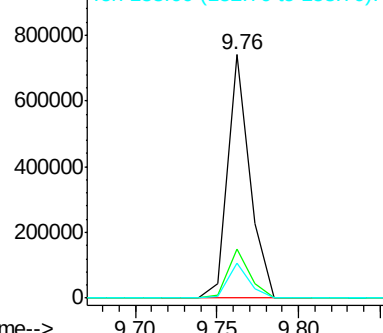
152 100

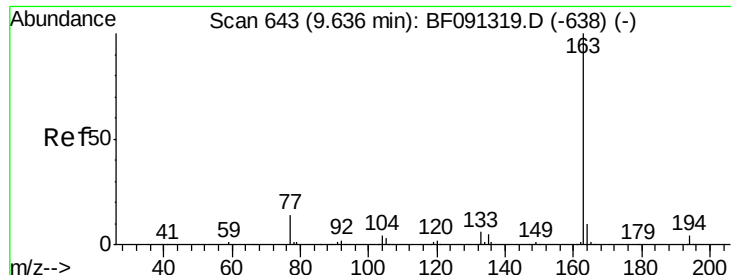
151 20.4 16.6 24.8

153 14.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

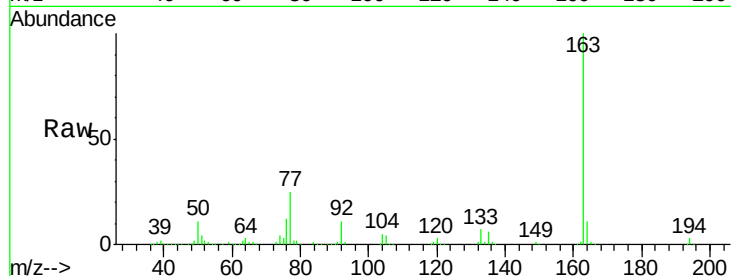




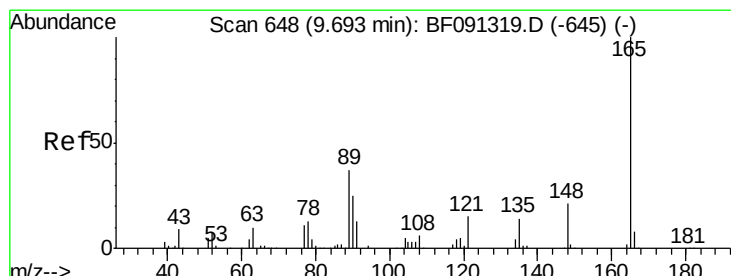
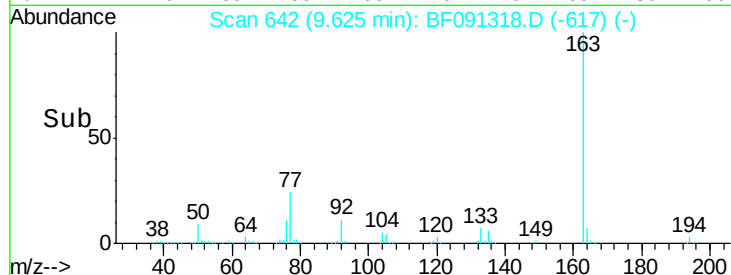
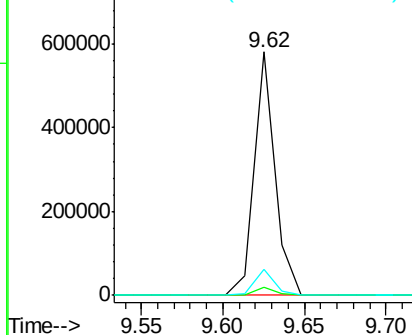
#49
Dimethylphthalate
Concen: 24.49 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 512344
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.9 7.8 11.8

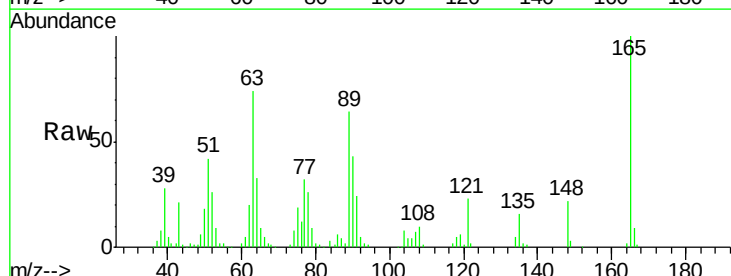


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

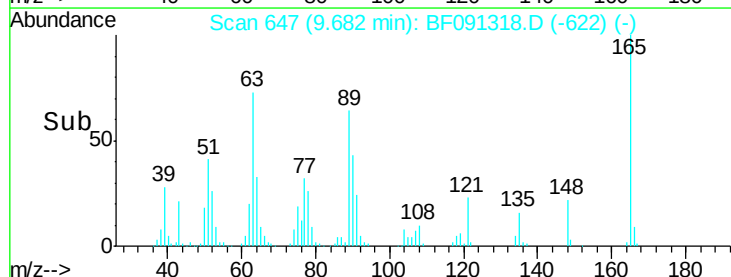
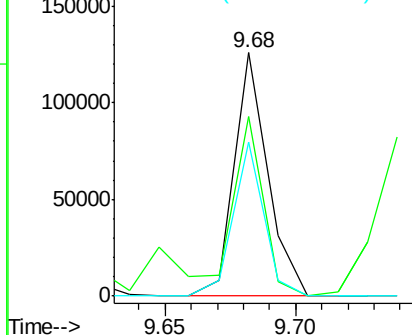


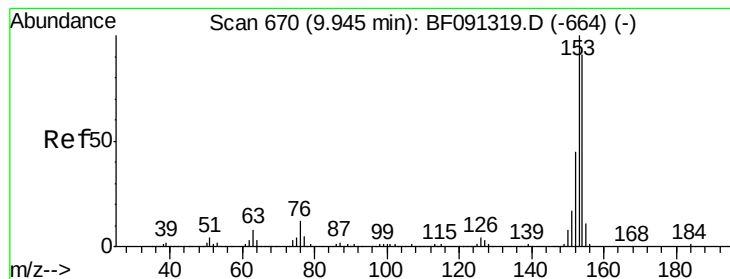
#50
2,6-Dinitrotoluene
Concen: 24.83 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:165 Resp: 113460
Ion Ratio Lower Upper
165 100
63 73.7 59.4 89.0
89 63.5 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: 24.46 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

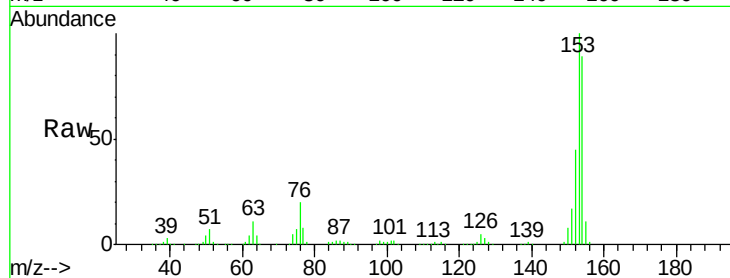
Tot Ion:154 Resp: 472207

Ion Ratio Lower Upper

154 100

153 112.2 91.0 136.6

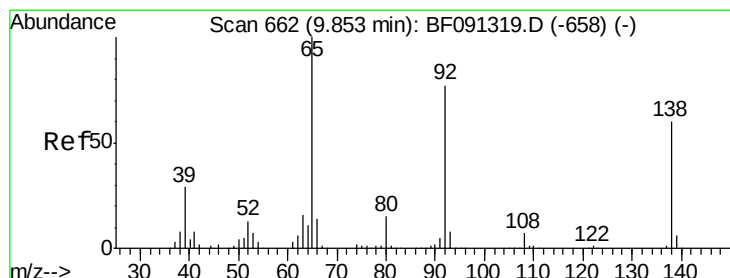
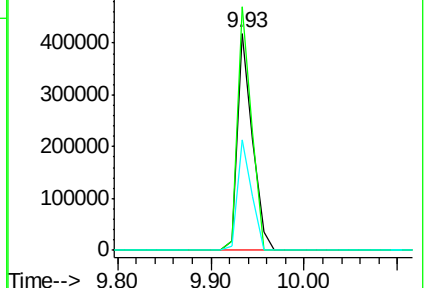
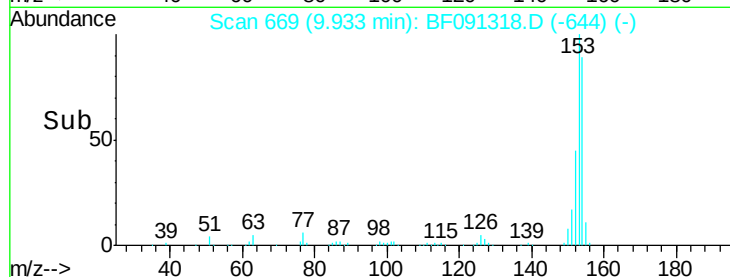
152 50.9 44.2 66.2



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: 29.71 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

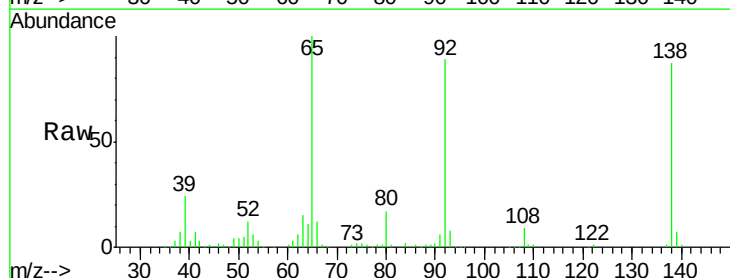
Tgt Ion:138 Resp: 145990

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

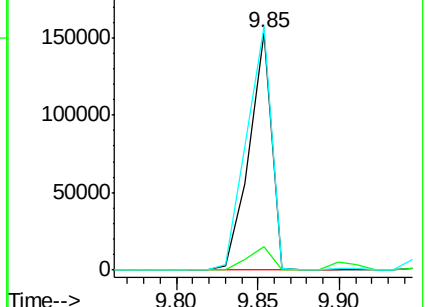
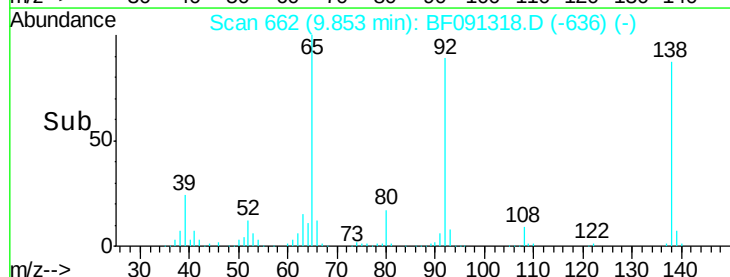
92 102.5 92.5 138.7

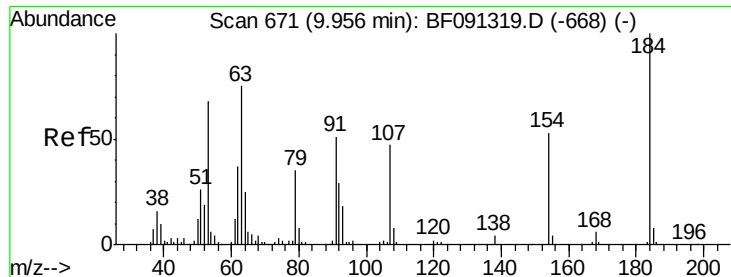


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

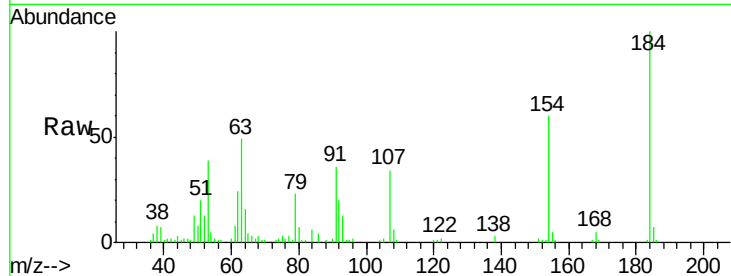




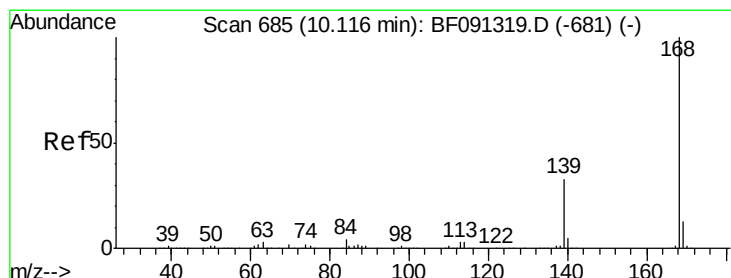
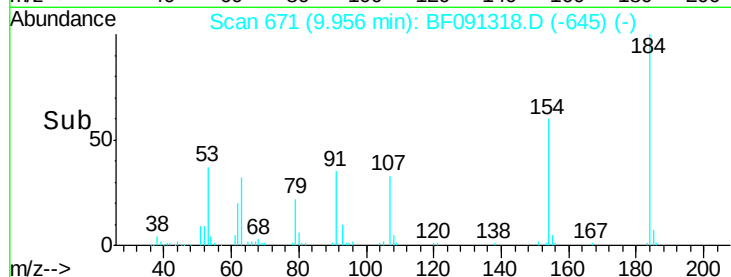
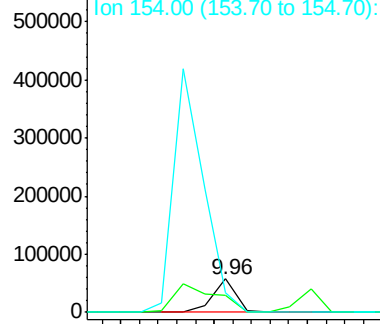
#53
 2,4-Dinitrophenol
 Concen: 30.26 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 50156
 Ion Ratio Lower Upper
 184 100
 63 49.0 58.3 87.5#
 154 59.5 48.6 73.0

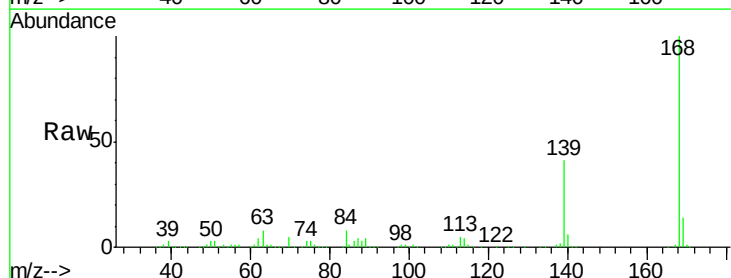


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

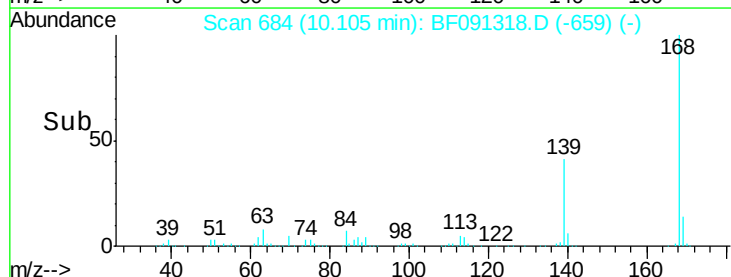
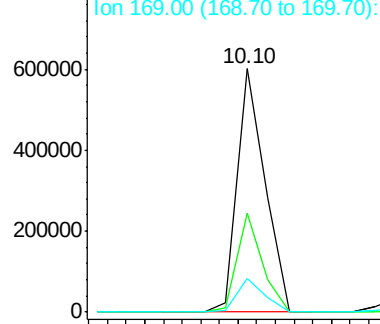


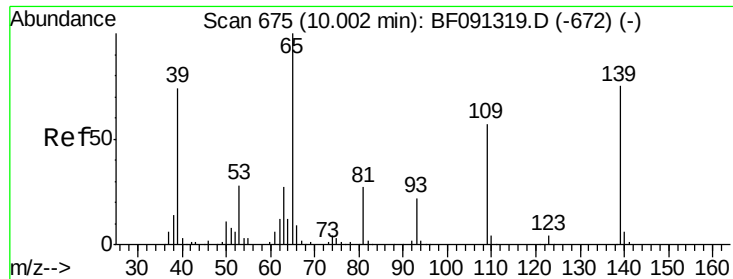
#54
 Dibenzofuran
 Concen: 22.97 ng
 RT: 10.10 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:168 Resp: 623737
 Ion Ratio Lower Upper
 168 100
 139 40.5 33.4 50.2
 169 14.0 11.1 16.7



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

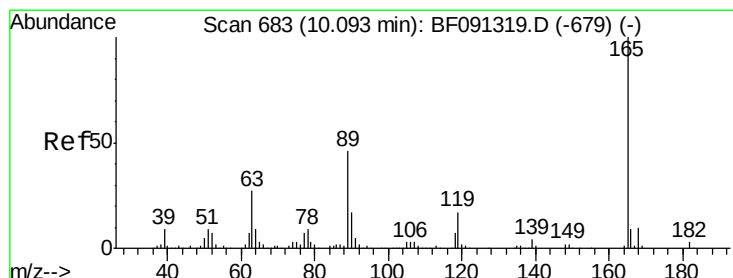
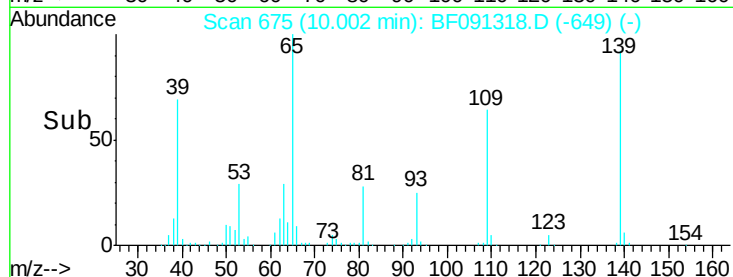
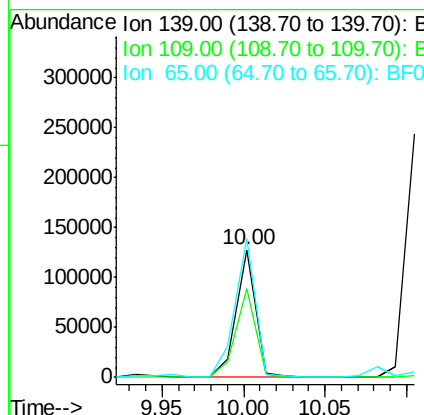
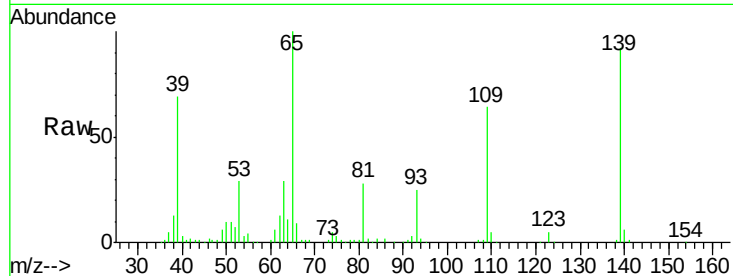




#55
4-Nitrophenol
Concen: 29.60 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

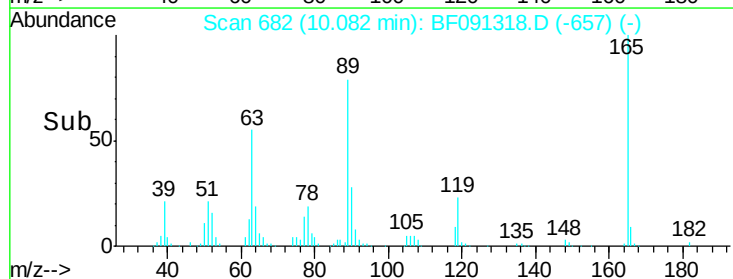
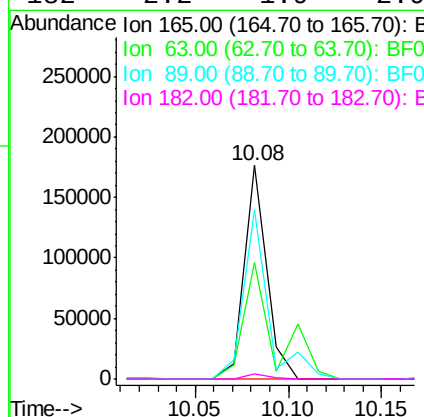
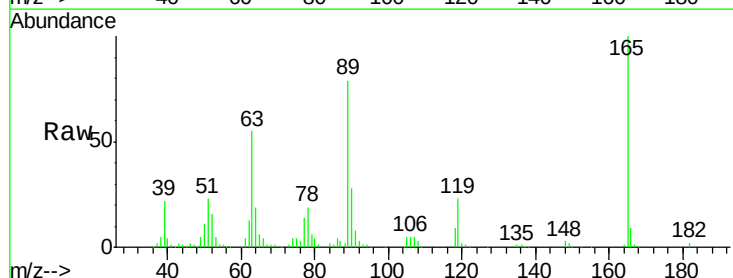
Instrument :
BNA_F
ClientSampleId :

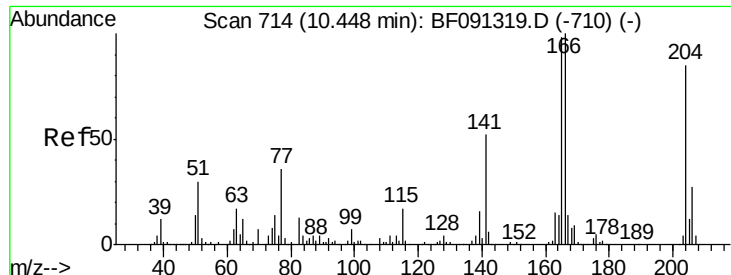
Tot Ion:139 Resp: 104876
Ion Ratio Lower Upper
139 100
109 69.4 54.9 94.9
65 109.2 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 25.61 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:165 Resp: 148121
Ion Ratio Lower Upper
165 100
63 54.8 29.0 43.4#
89 79.4 43.1 64.7#
182 2.2 1.9 2.9

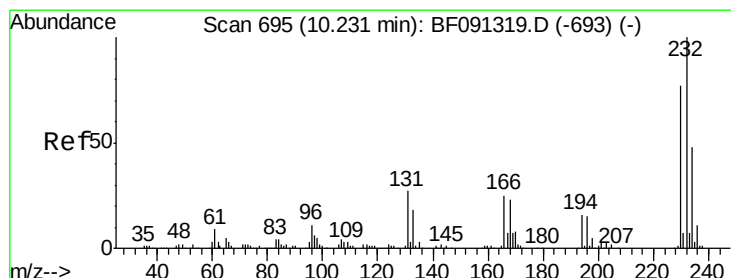
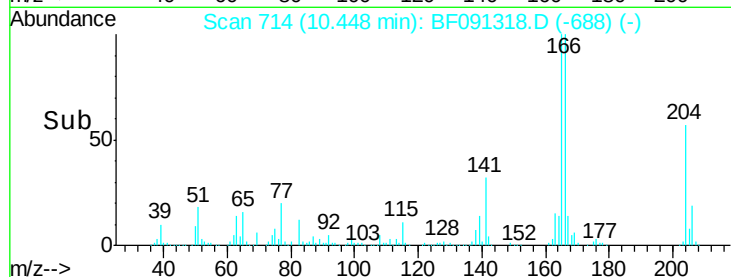
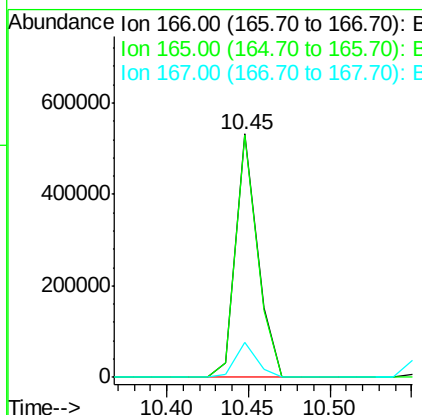
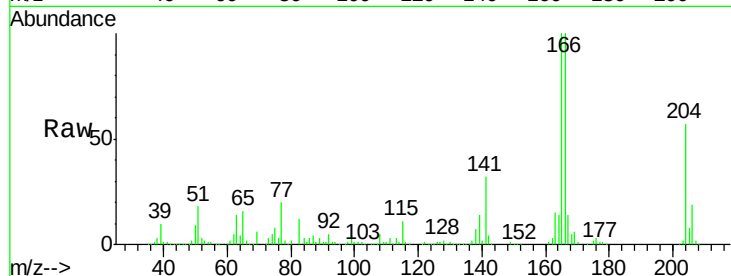




#57
Fluorene
 Concen: 23.61 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

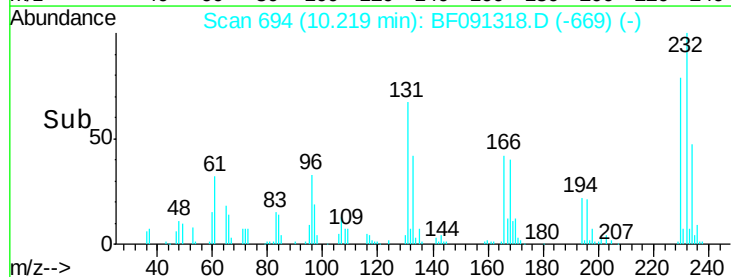
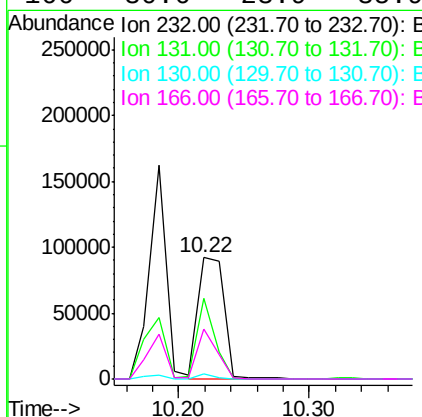
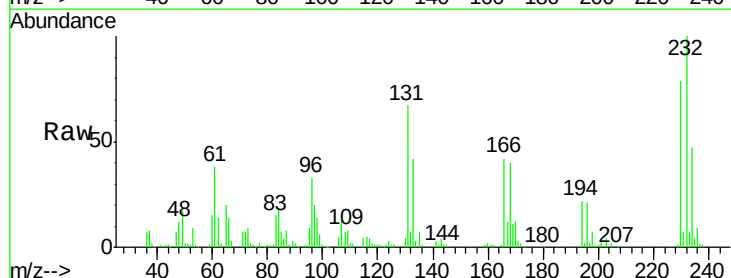
Instrument :
 BNA_F
 ClientSampleId :

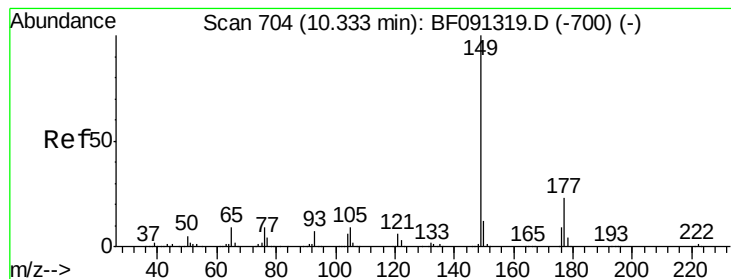
Tot Ion:166 Resp: 490442
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.0 120.0
 167 14.2 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.20 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:232 Resp: 128013
 Ion Ratio Lower Upper
 232 100
 131 45.9 38.4 57.6
 130 2.4 1.8 2.8
 166 30.6 23.9 35.9





#59

Diethylphthalate

Concen: 24.14 ng

RT: 10.33 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

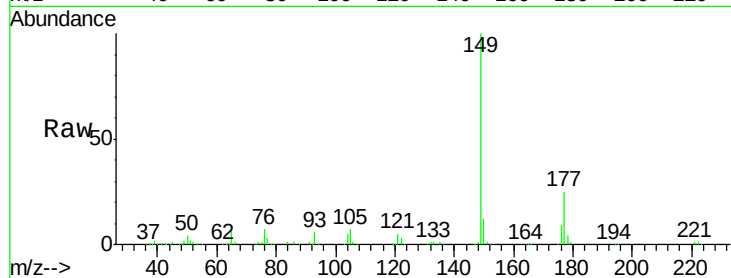
Tot Ion:149 Resp: 508188

Ion Ratio Lower Upper

149 100

177 25.0 15.7 23.5#

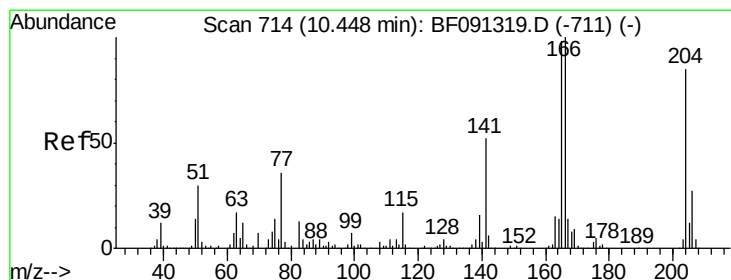
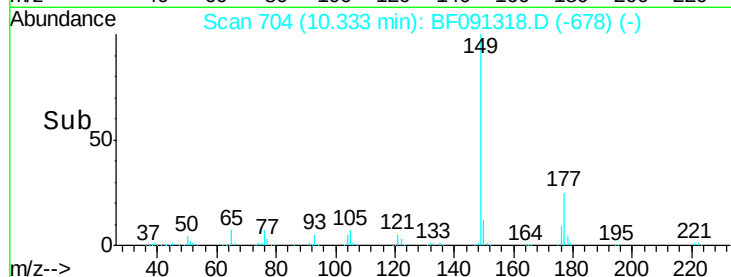
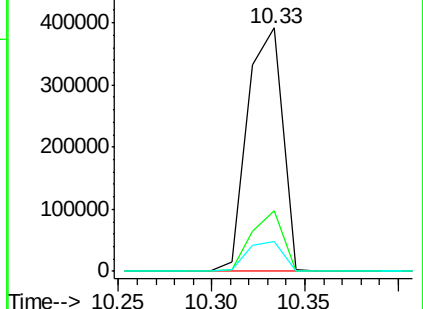
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 26.49 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

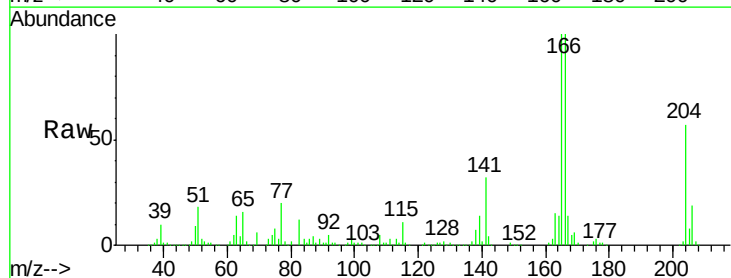
Tgt Ion:204 Resp: 253536

Ion Ratio Lower Upper

204 100

206 32.7 26.1 39.1

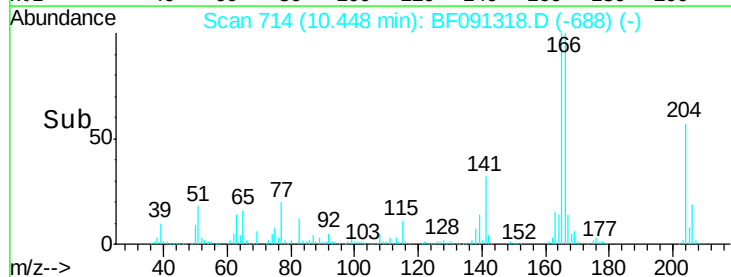
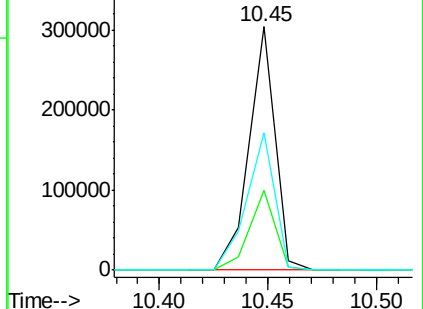
141 56.5 40.6 61.0

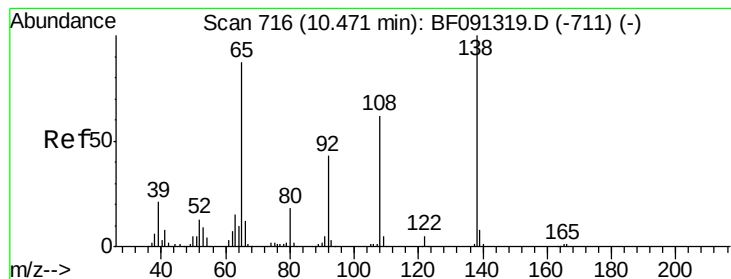


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

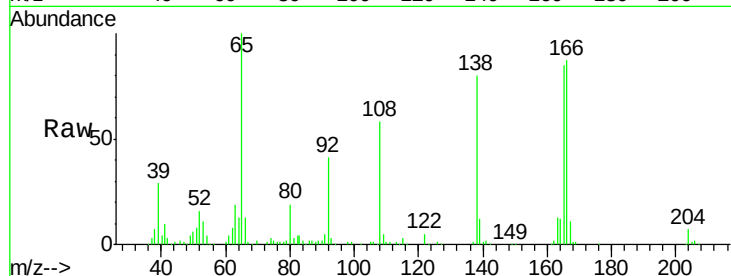




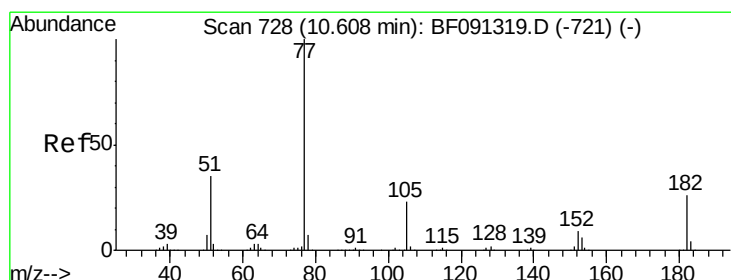
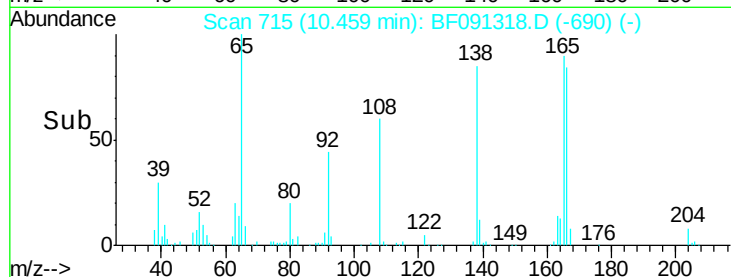
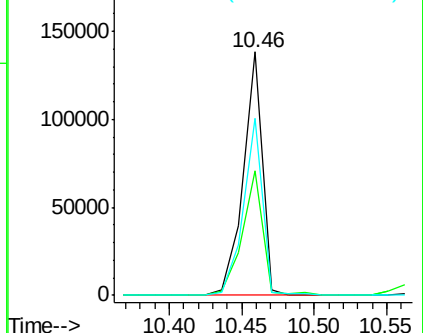
#61
4-Nitroaniline
Concen: 27.68 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 126896
Ion Ratio Lower Upper
138 100
92 51.2 26.9 66.9
108 72.9 49.1 89.1

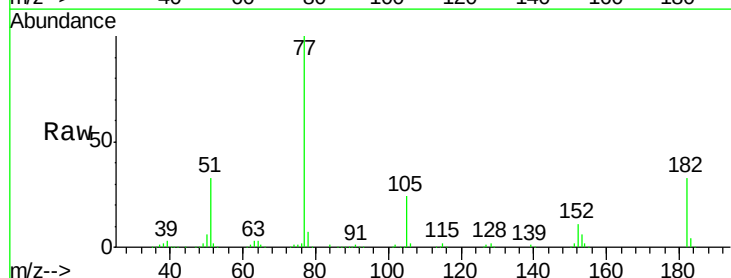


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

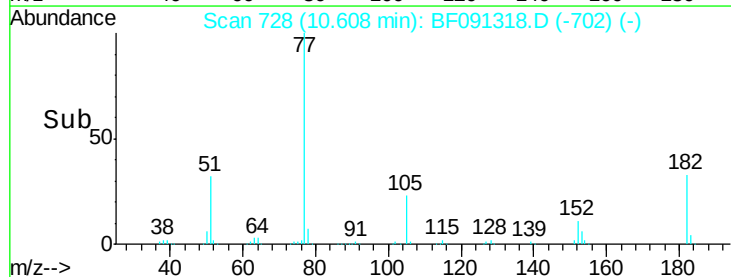
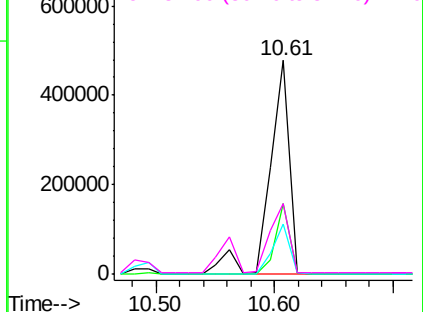


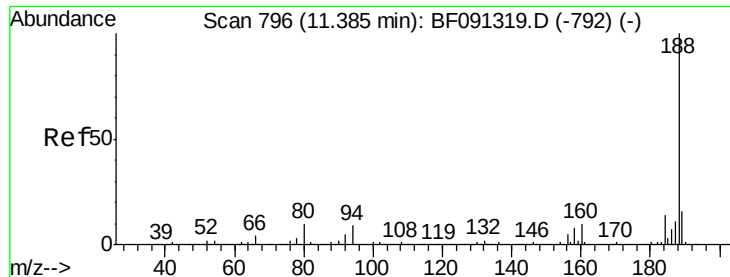
#62
Azobenzene
Concen: 25.60 ng
RT: 10.61 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion: 77 Resp: 546721
Ion Ratio Lower Upper
77 100
182 33.1 12.5 52.5
105 23.6 3.7 43.7
51 32.8 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

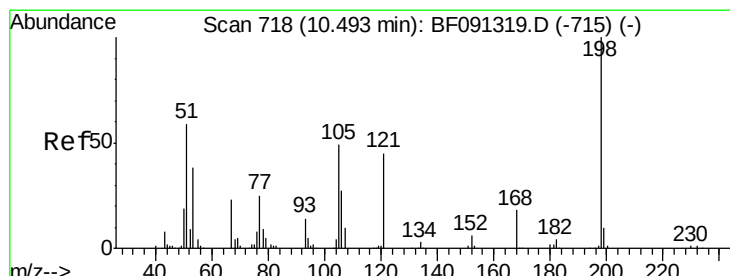
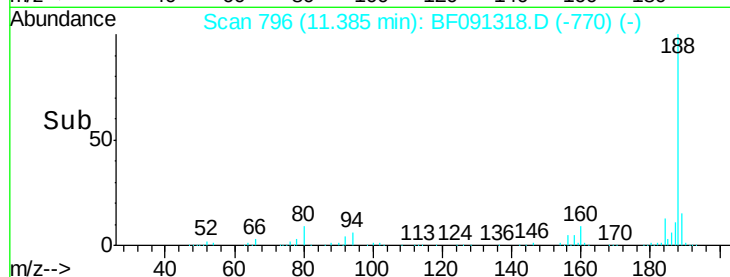
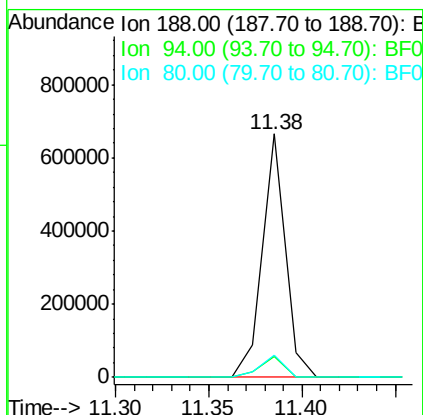
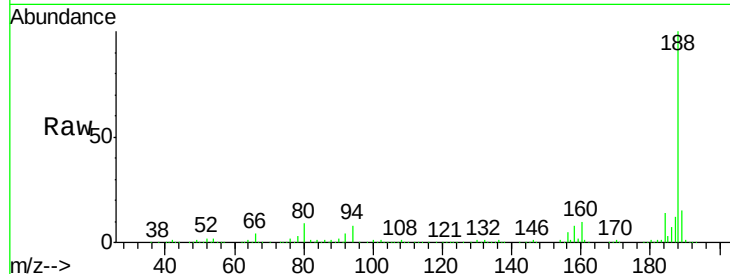




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

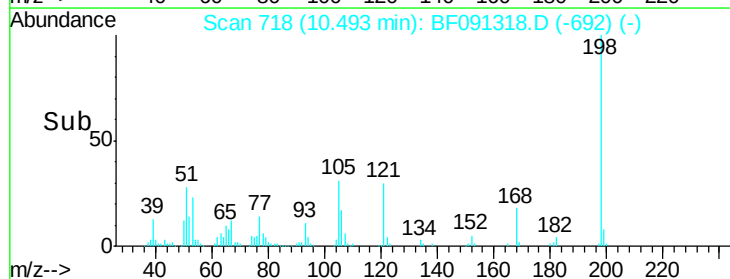
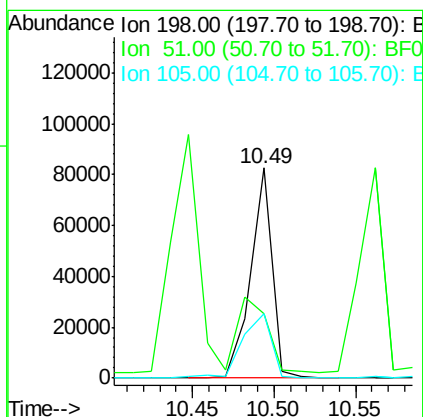
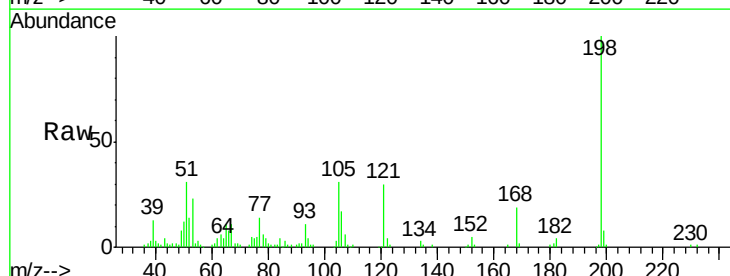
Instrument :
BNA_F
ClientSampleId :

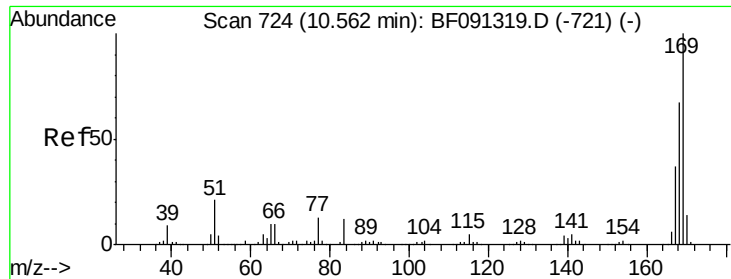
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.2	13.8#
80	9.0	10.5	15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 29.33 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.7	77.1	117.1#
105	30.7	44.8	84.8#

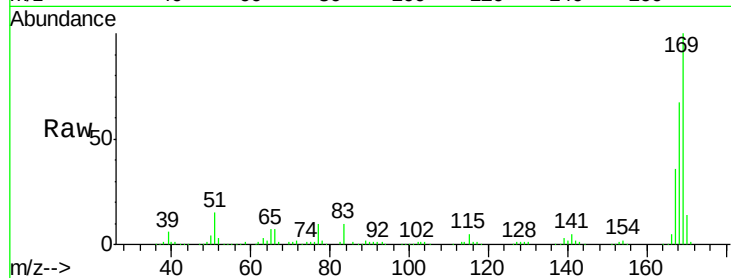




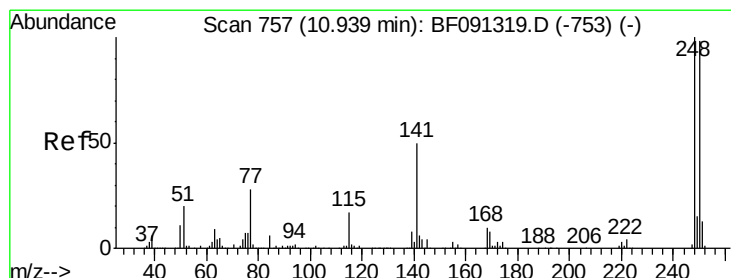
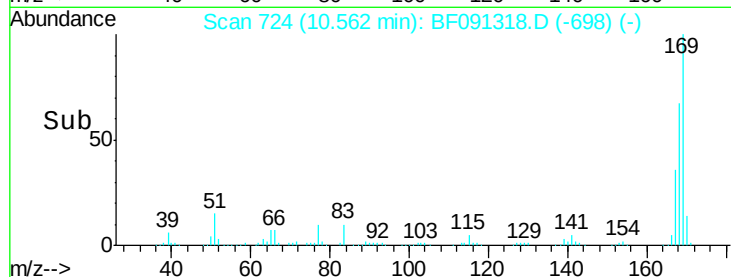
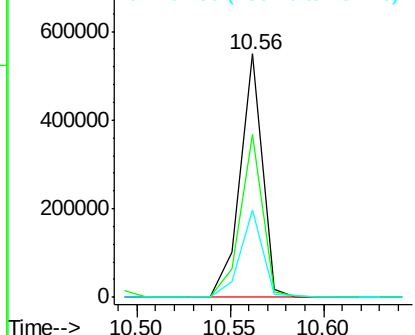
#65
 n-Nitrosodiphenylamine
 Concen: 26.82 ng
 RT: 10.56 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 459563
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.8
 167 36.0 29.8 44.8

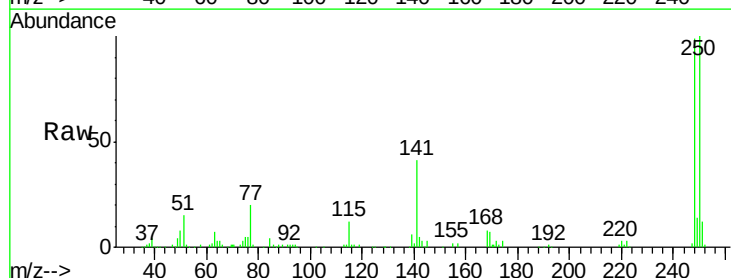


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

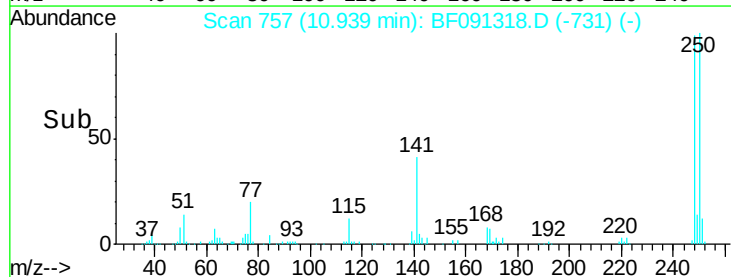
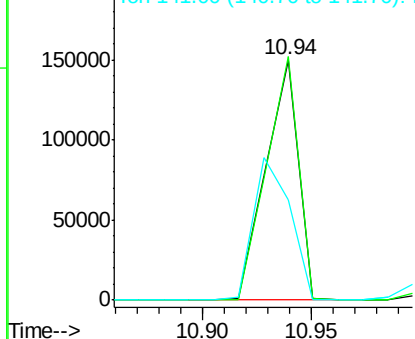


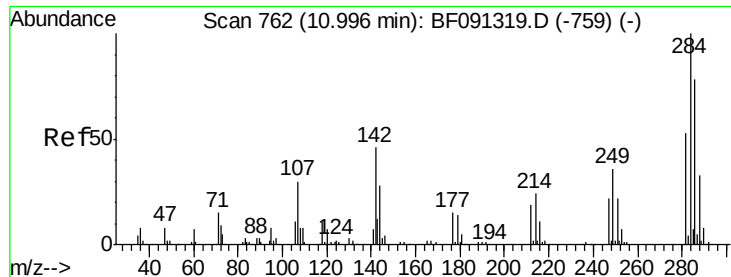
#66
 4-Bromophenyl-phenylether
 Concen: 25.59 ng
 RT: 10.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:248 Resp: 157816
 Ion Ratio Lower Upper
 248 100
 250 101.3 78.2 117.4
 141 41.5 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 24.06 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampled :

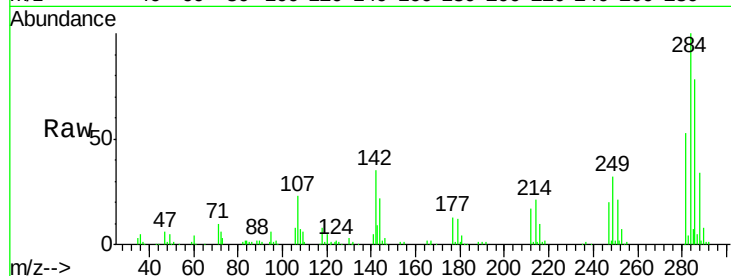
Tot Ion:284 Resp: 162647

Ion Ratio Lower Upper

284 100

142 35.2 17.9 26.9#

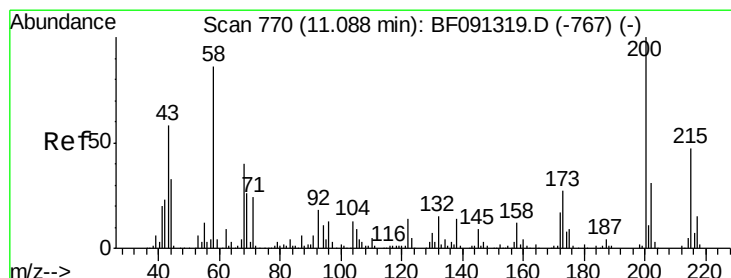
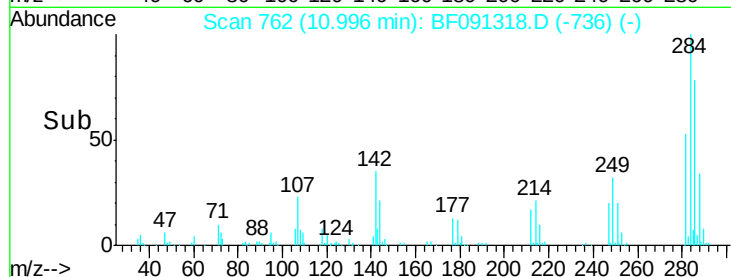
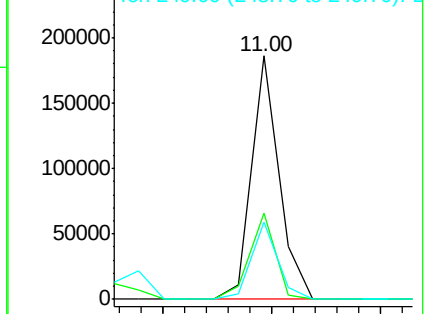
249 31.7 23.6 35.4



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: 31.31 ng

RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

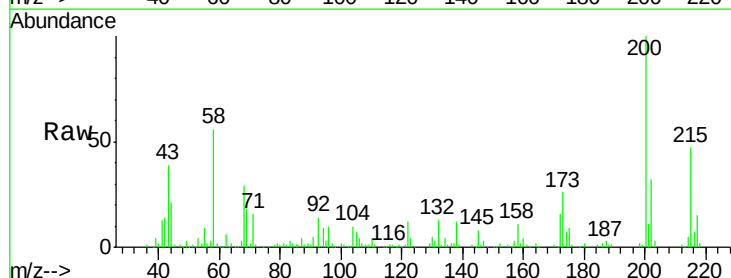
Tgt Ion:200 Resp: 141616

Ion Ratio Lower Upper

200 100

173 25.5 7.8 47.8

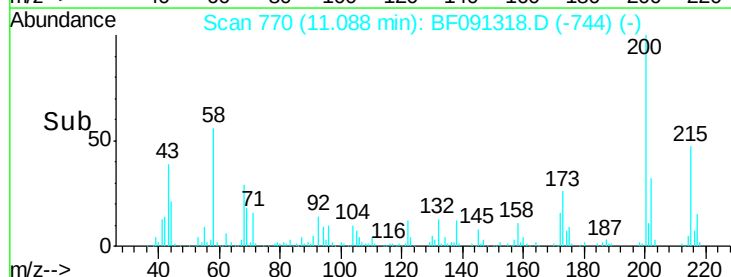
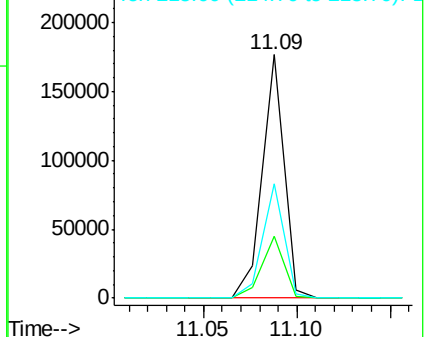
215 47.0 24.3 64.3

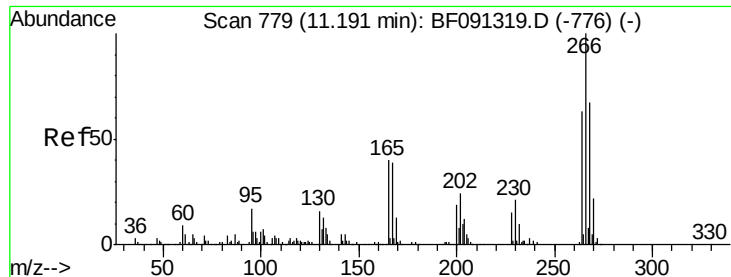


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

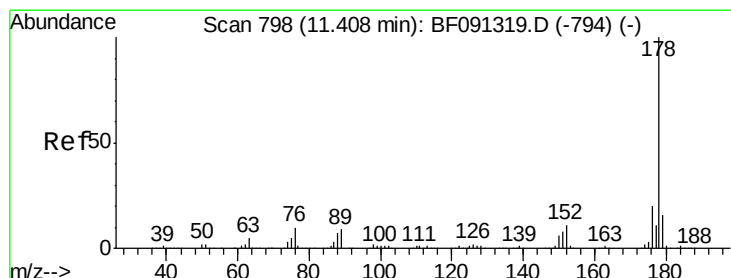
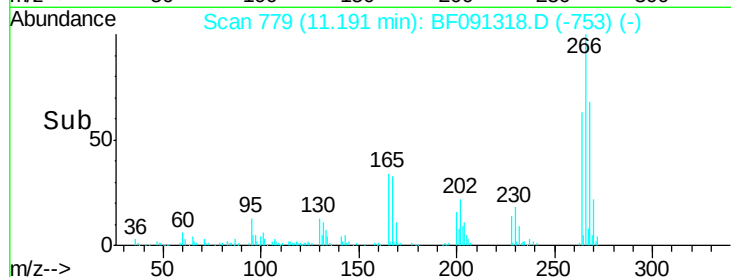
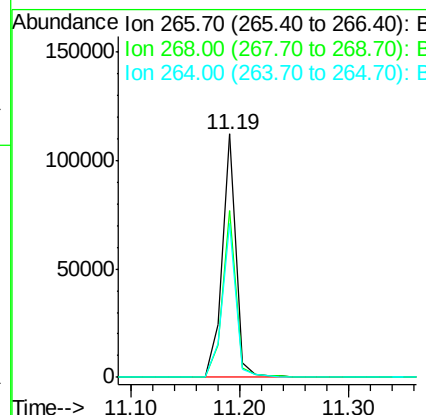
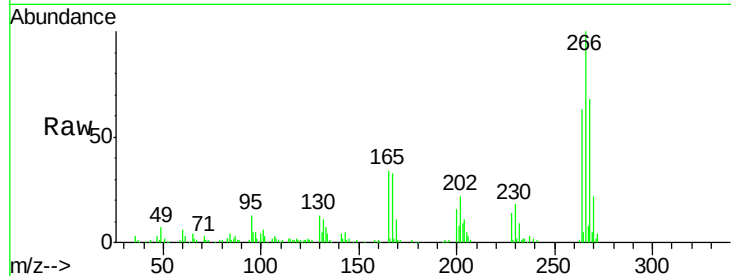




#69
 Pentachlorophenol
 Concen: 25.23 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

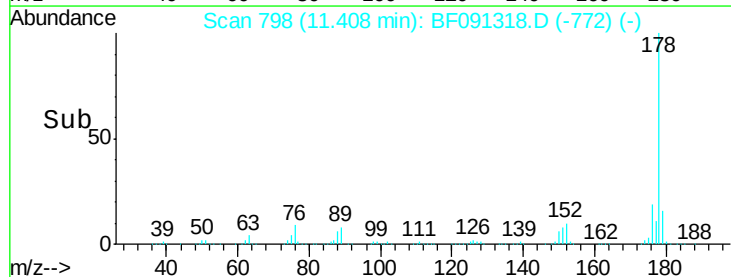
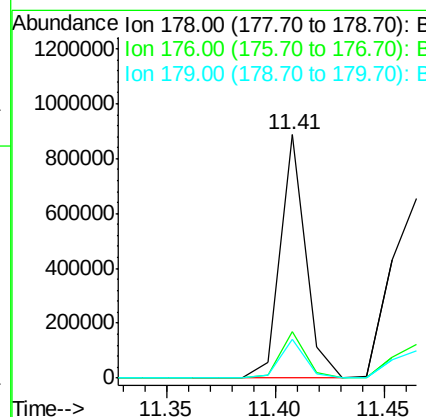
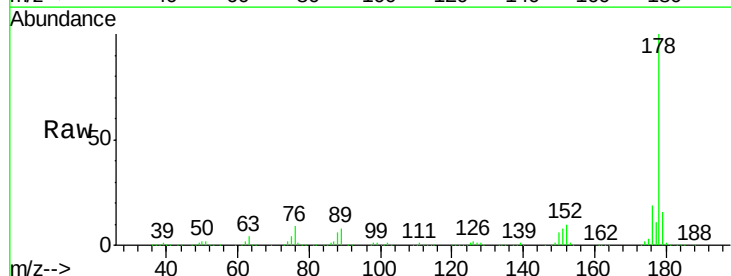
Instrument :
 BNA_F
 ClientSampled :

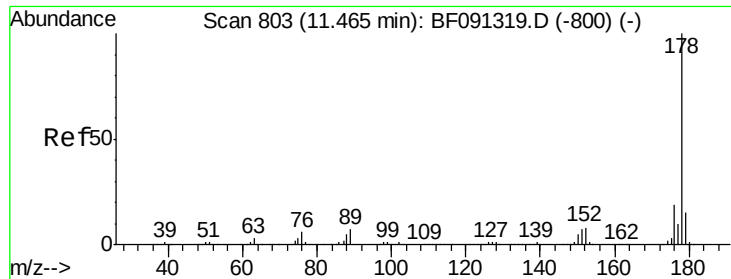
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	50.3	75.5
264	63.1	48.2	72.2



#70
 Phenanthrene
 Concen: 24.83 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.8	12.6	18.8

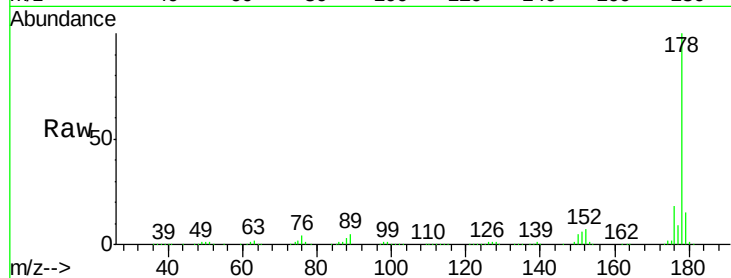




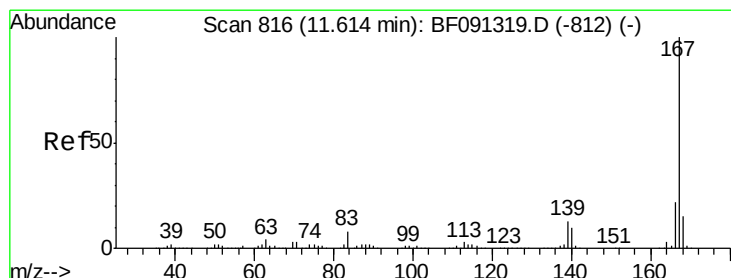
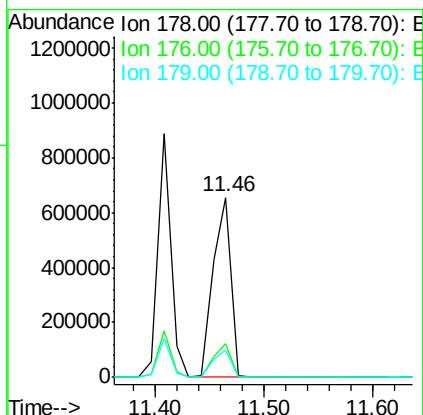
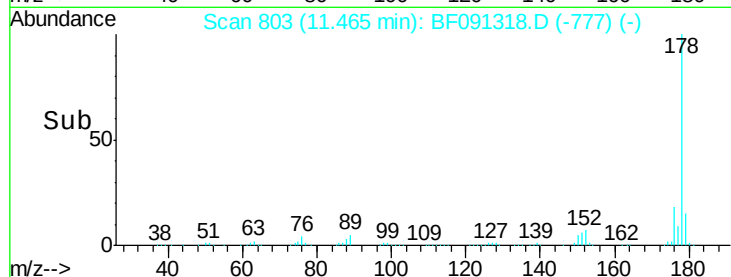
#71
 Anthracene
 Concen: 25.29 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 757032
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.6
 179 15.3 12.7 19.1

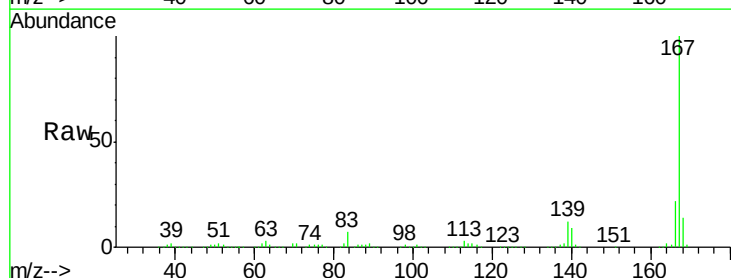


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

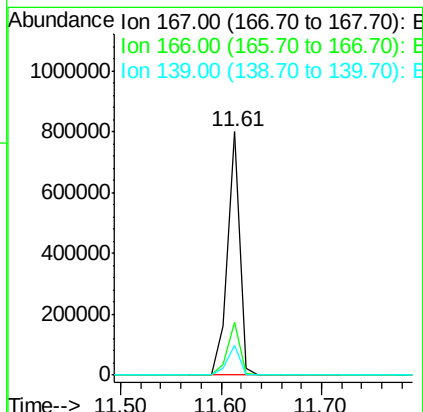
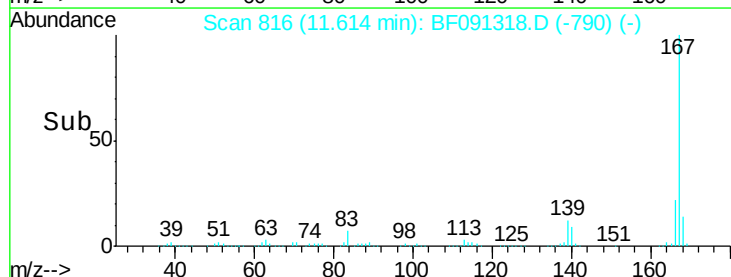


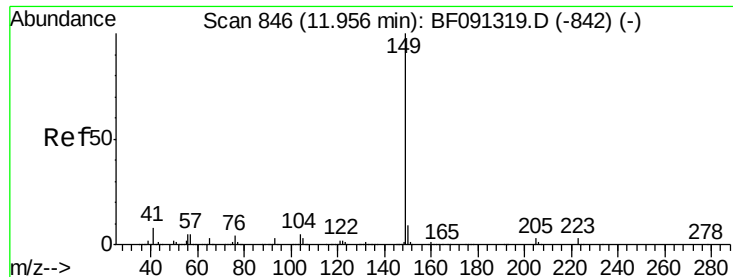
#72
 Carbazole
 Concen: 25.55 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:167 Resp: 680496
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.2 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: 24.64 ng

RT: 11.96 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

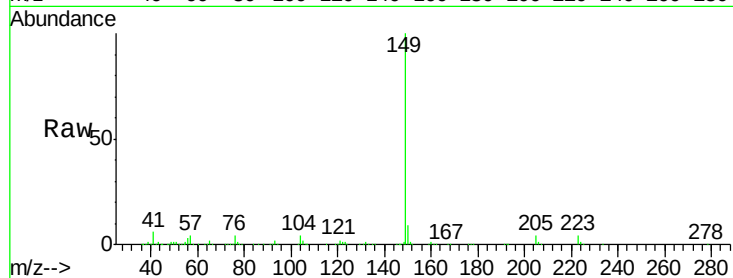
Tot Ion:149 Resp: 759995

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

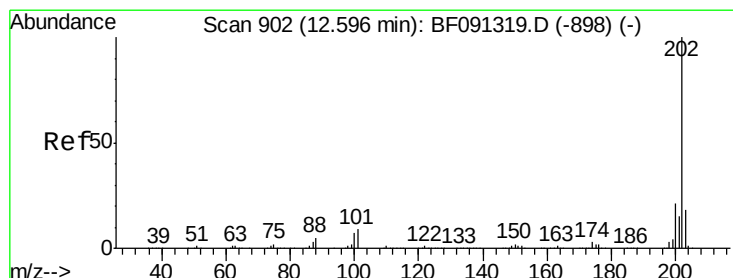
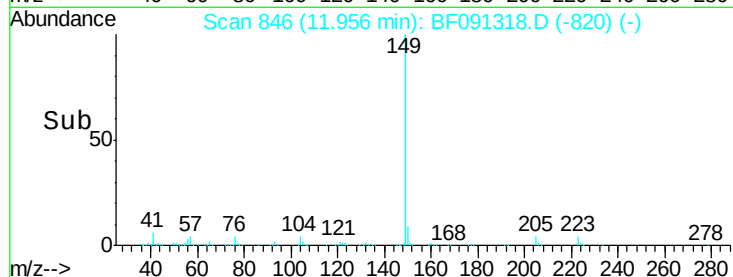
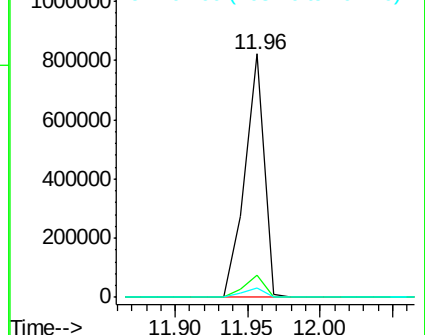
104 4.0 4.0 6.0#



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: 24.81 ng

RT: 12.60 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

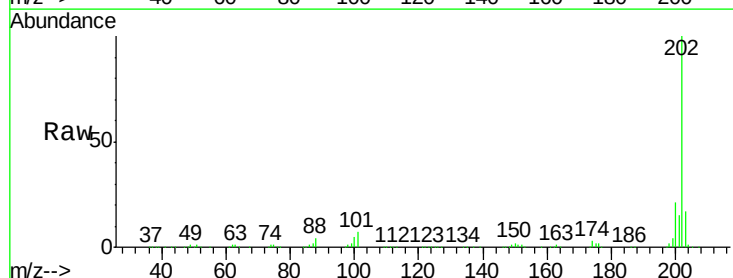
Tgt Ion:202 Resp: 738717

Ion Ratio Lower Upper

202 100

101 7.2 0.0 29.5

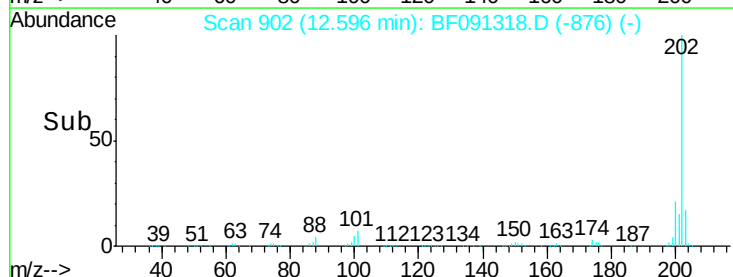
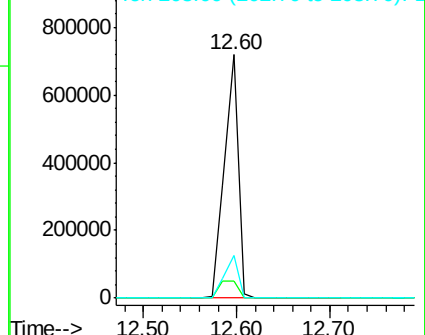
203 17.3 0.0 37.8

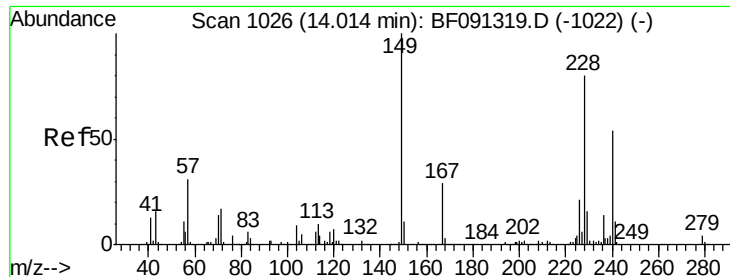


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

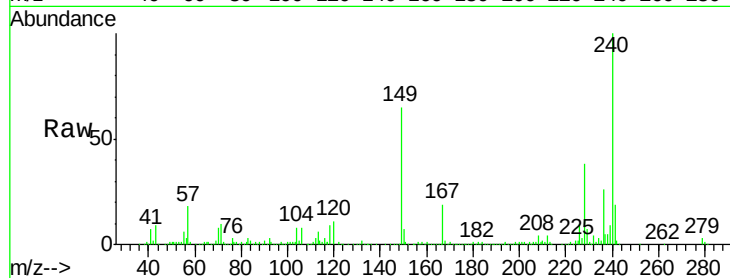
Tot Ion:240 Resp: 362712

Ion Ratio Lower Upper

240 100

120 10.9 12.1 18.1#

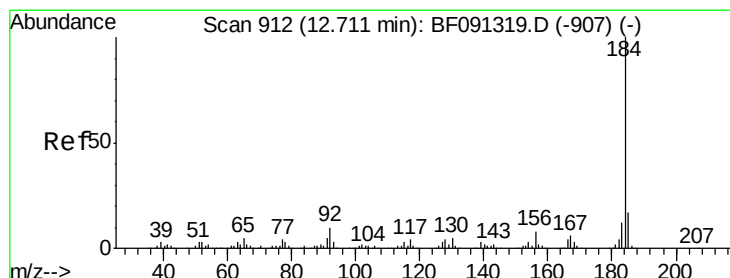
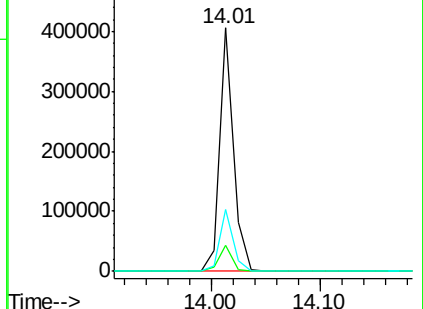
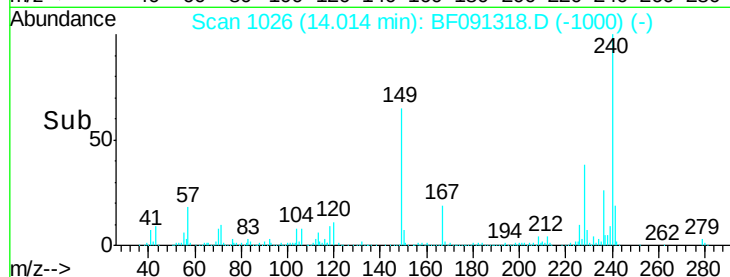
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.95 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

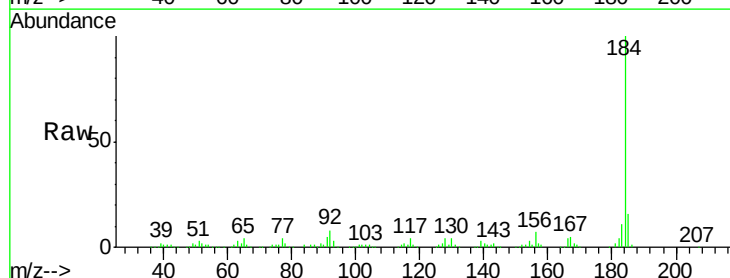
Tgt Ion:184 Resp: 287895

Ion Ratio Lower Upper

184 100

185 15.7 13.1 19.7

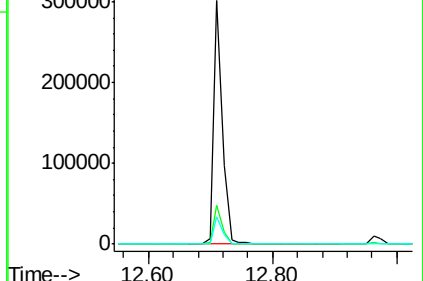
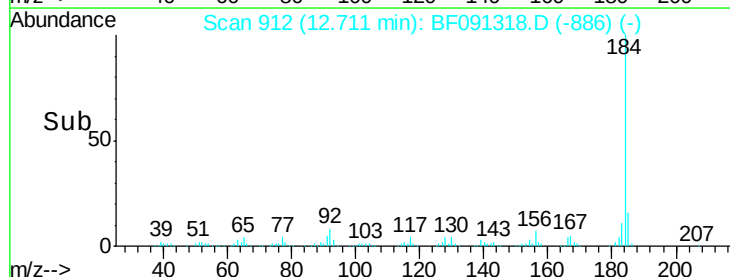
183 11.2 8.9 13.3

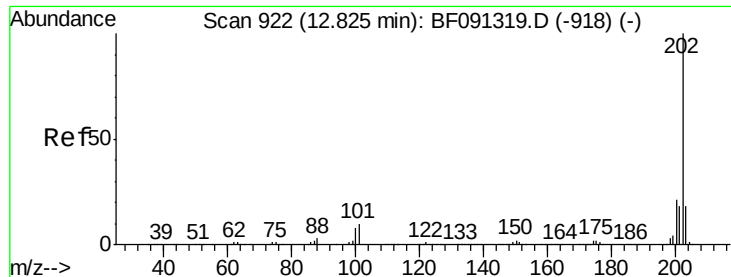


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

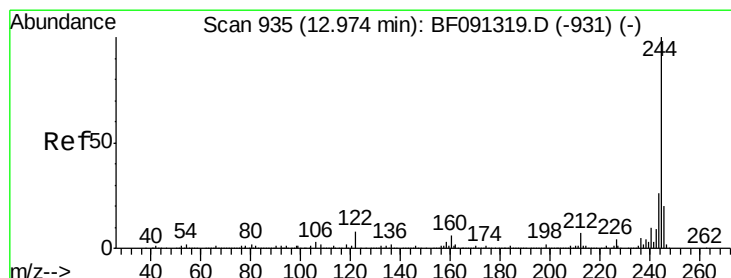
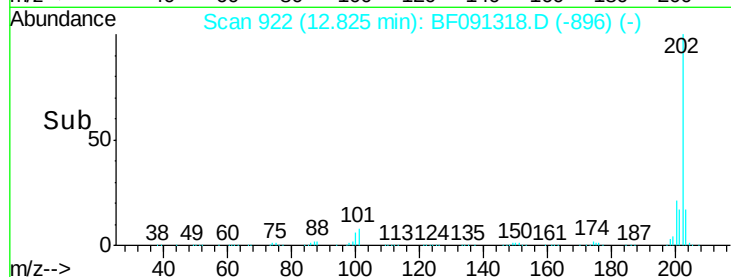
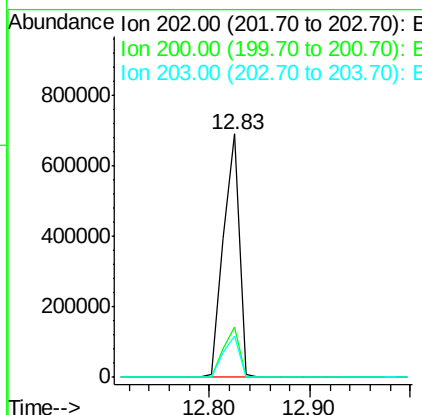
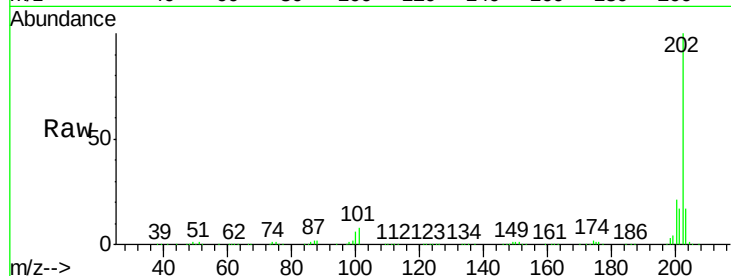




#77
Pvrene
Concen: 28.23 ng
RT: 12.83 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

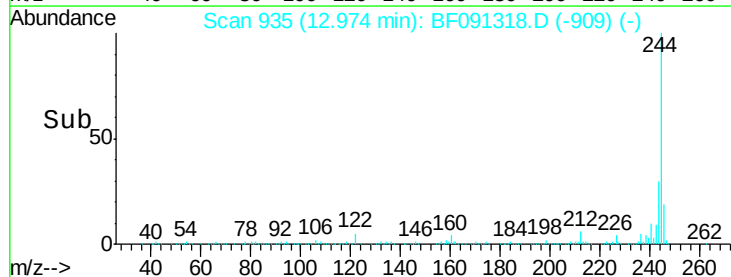
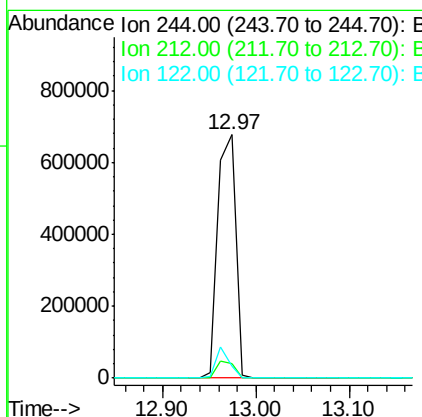
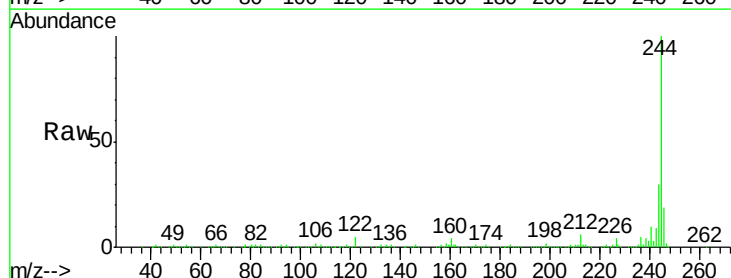
Instrument :
BNA_F
ClientSampleId :

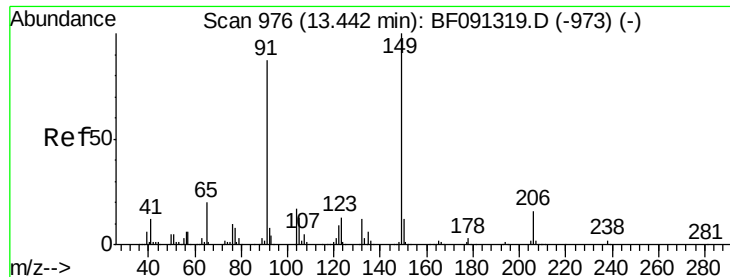
Tot Ion:202 Resp: 756579
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.0 14.0 21.0



#78
Terphenyl-d14
Concen: 56.72 ng
RT: 12.97 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:244 Resp: 900747
Ion Ratio Lower Upper
244 100
212 6.0 6.5 9.7#
122 4.8 9.5 14.3#

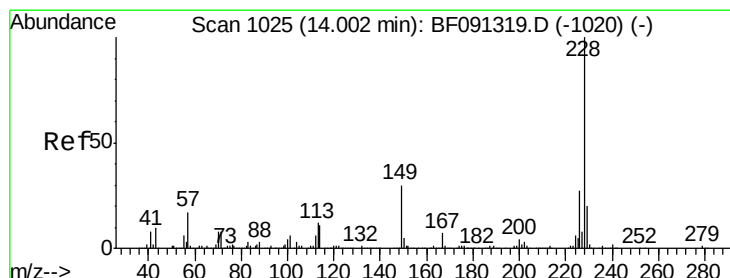
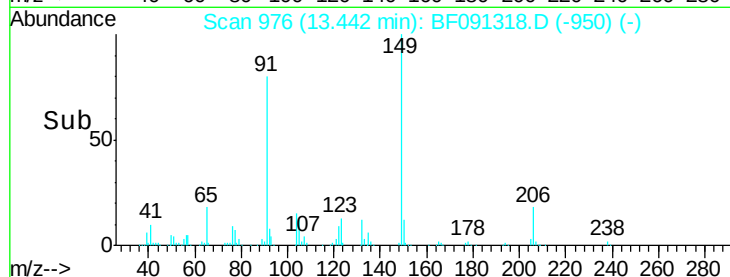
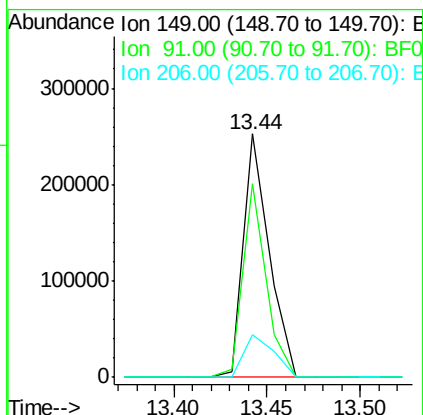
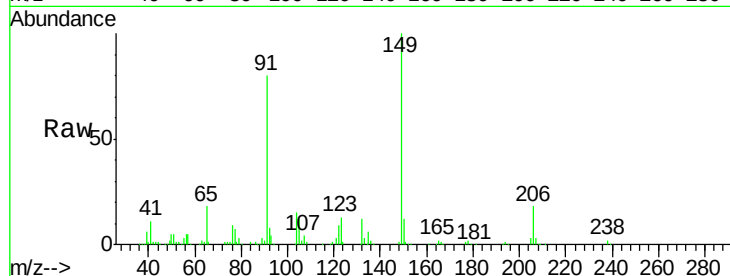




#79
Butylbenzylphthalate
Concen: 22.63 ng
RT: 13.44 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

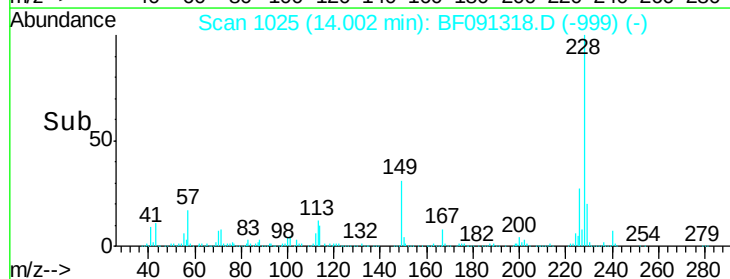
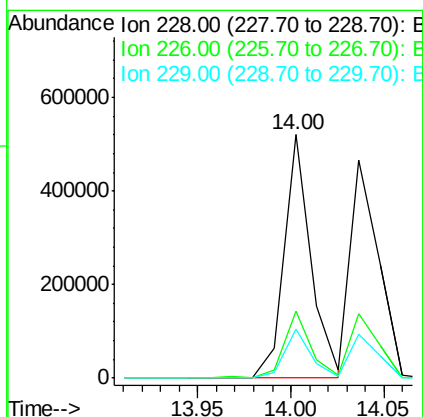
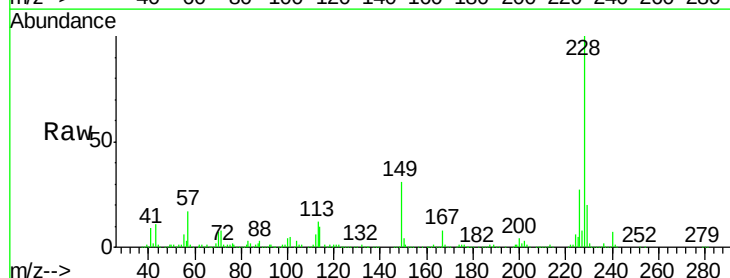
Instrument :
BNA_F
ClientSampleId :

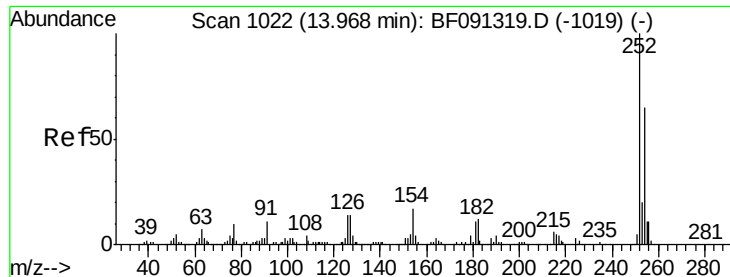
Tot Ion:149 Resp: 242716
Ion Ratio Lower Upper
149 100
91 79.8 57.4 86.2
206 17.6 15.4 23.2



#80
Benzo(a)anthracene
Concen: 25.30 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:228 Resp: 520736
Ion Ratio Lower Upper
228 100
226 27.3 22.5 33.7
229 19.9 16.4 24.6

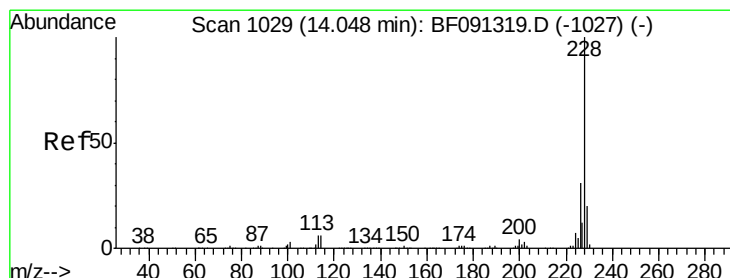
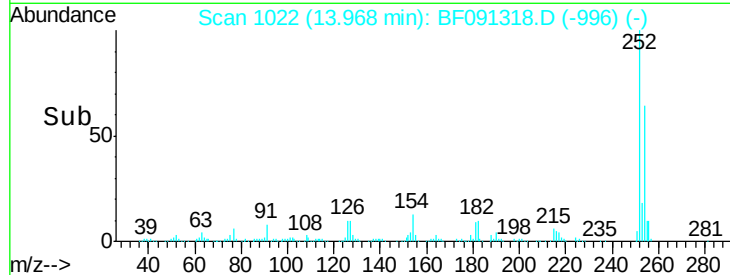
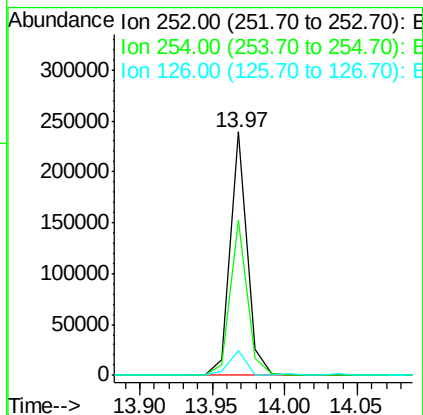
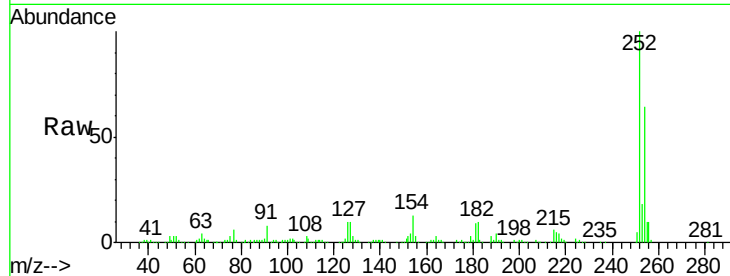




#81
 3,3'-Dichlorobenzidine
 Concen: 28.79 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

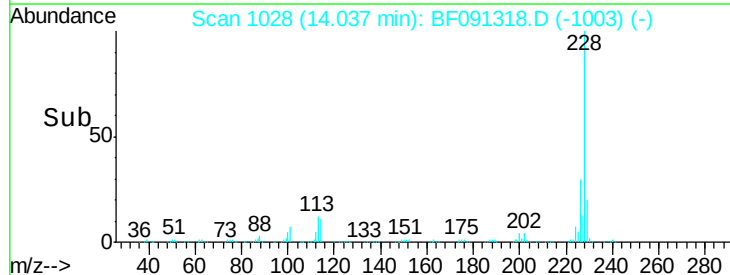
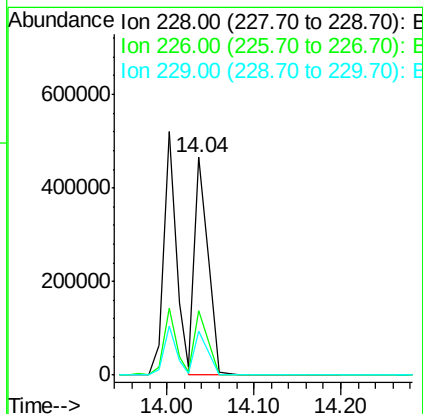
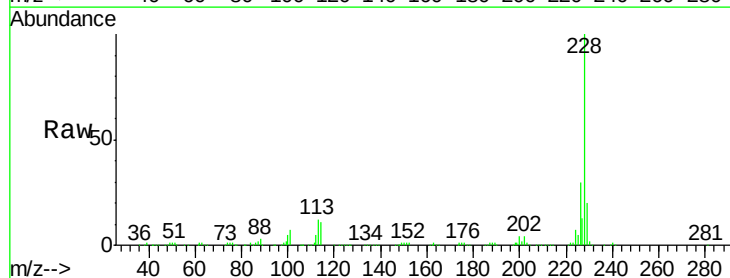
Instrument :
 BNA_F
 ClientSampleId :

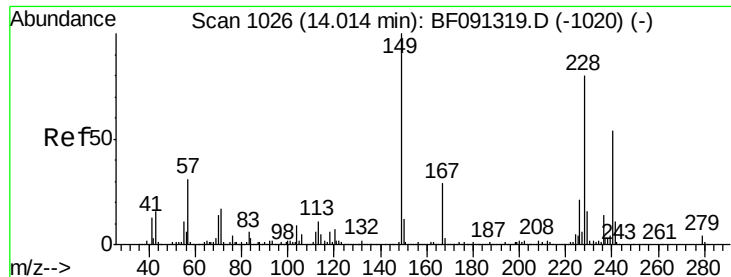
Tot Ion:252 Resp: 195420
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.1 78.1
 126 10.1 7.5 11.3



#82
 Chrysene
 Concen: 25.57 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion:228 Resp: 497503
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.4
 229 20.0 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.61 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

Instrument :

BNA_F

ClientSampleId :

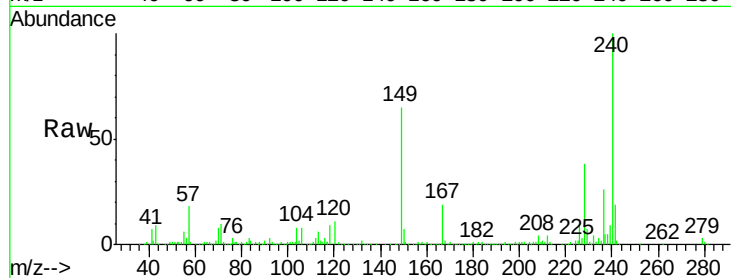
Tot Ion:149 Resp: 301910

Ion Ratio Lower Upper

149 100

167 29.4 19.6 29.4

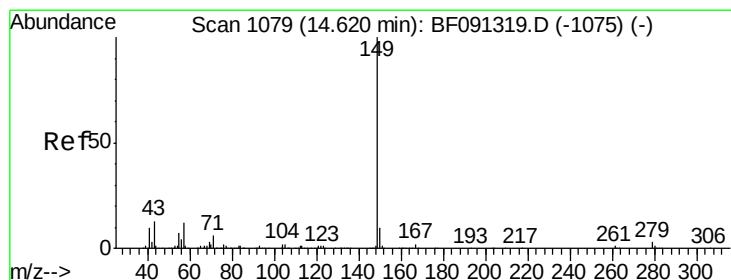
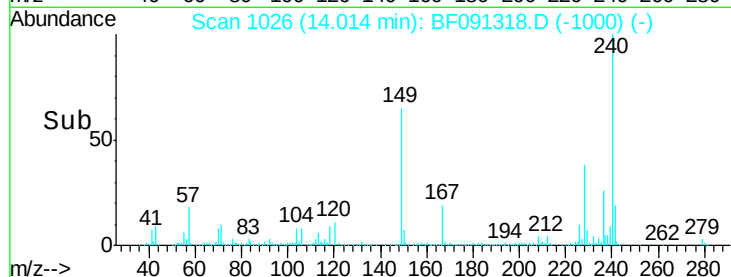
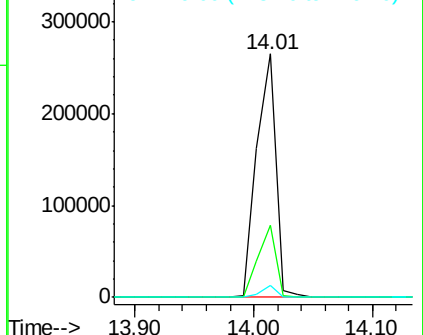
279 5.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 23.23 ng

RT: 14.62 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF091318.D

Acq: 29 Nov 2016 10:57

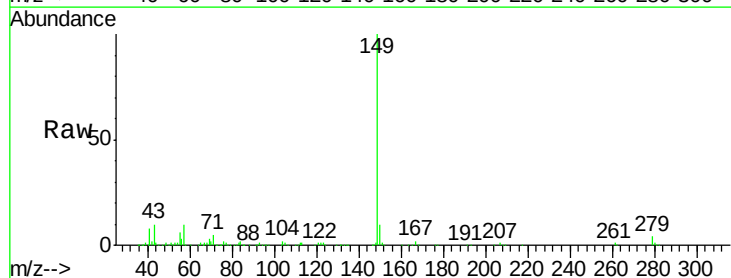
Tgt Ion:149 Resp: 488245

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

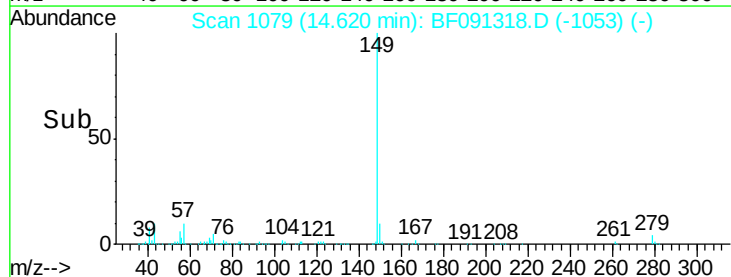
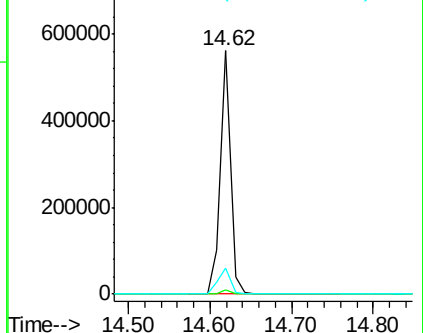
43 12.5 11.9 17.9

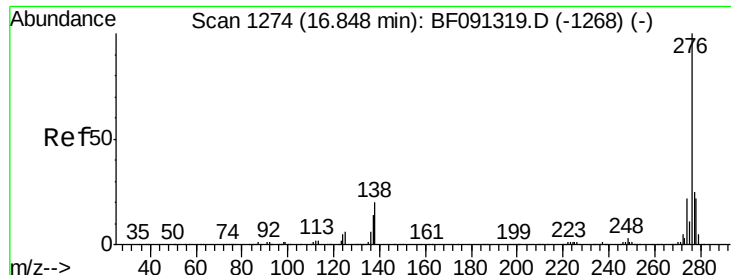


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

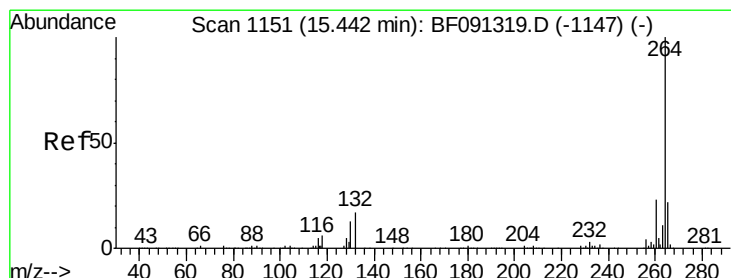
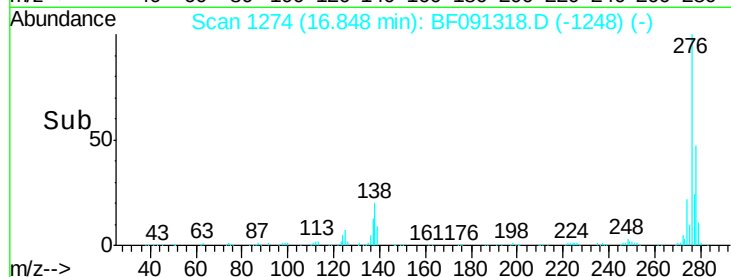
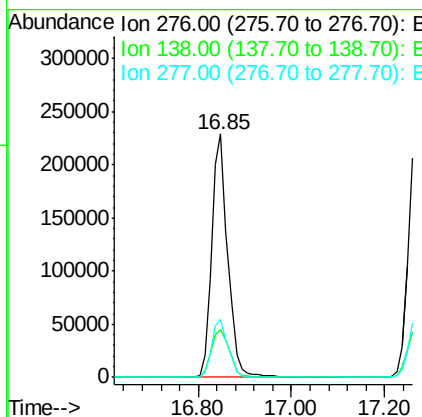
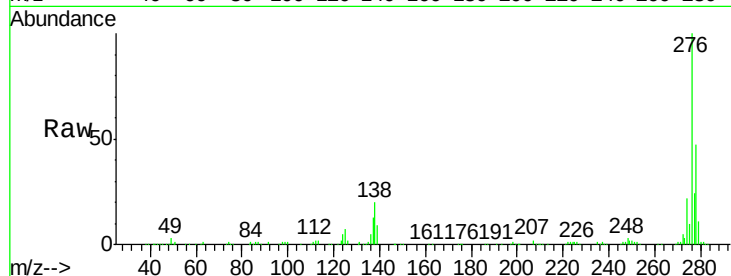




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.72 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

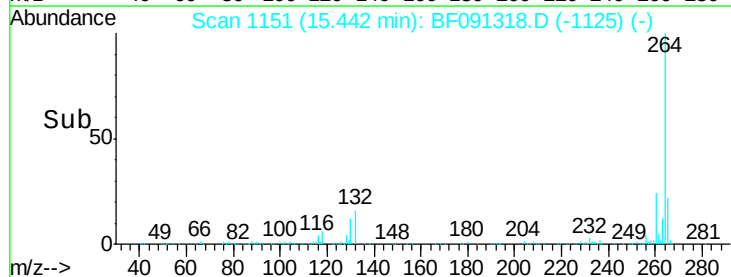
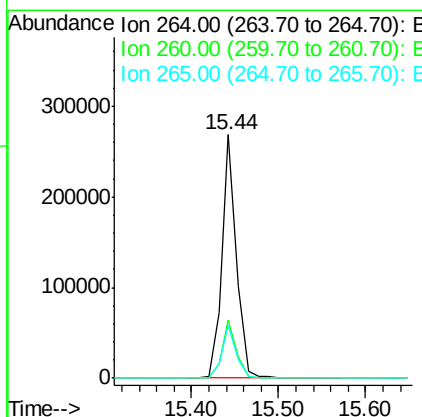
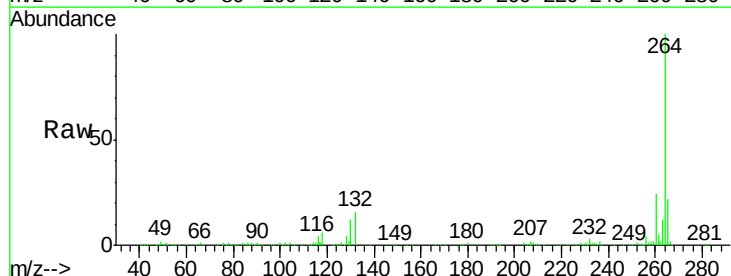
Instrument :
 BNA_F
 ClientSampleId :

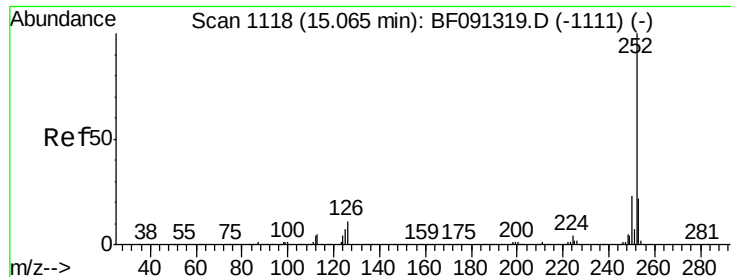
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.0	31.4
277	24.6	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.6	17.0	25.6

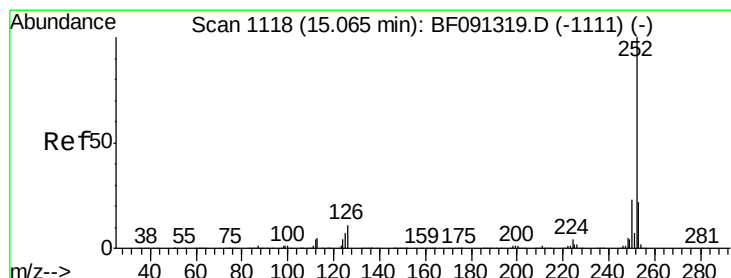
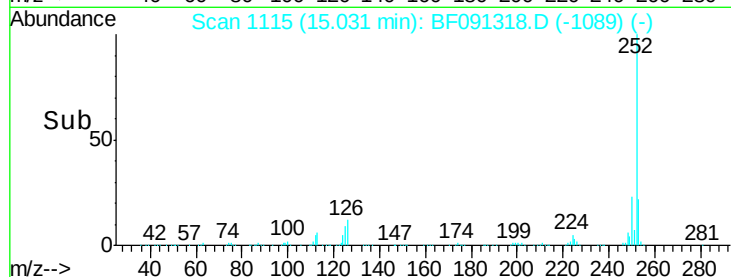
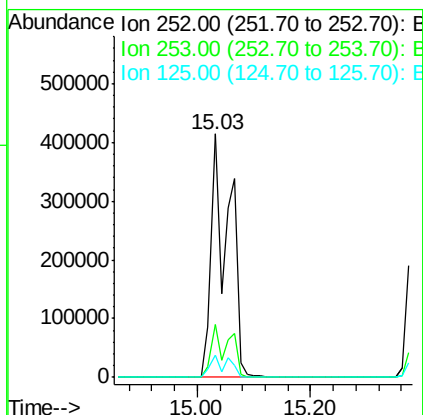
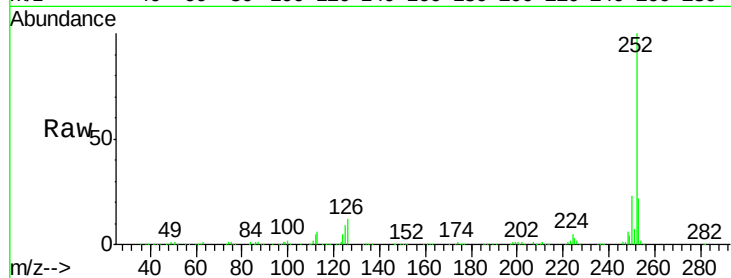




#87
Benzo(b)fluoranthene
Concen: 45.63 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

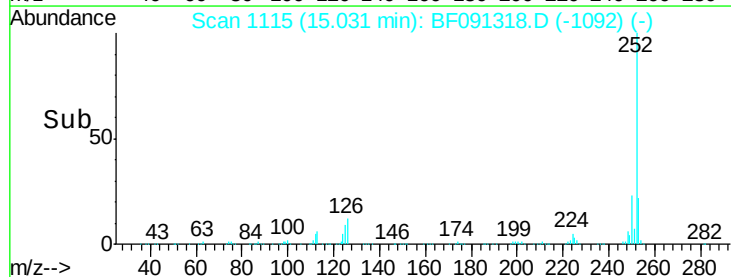
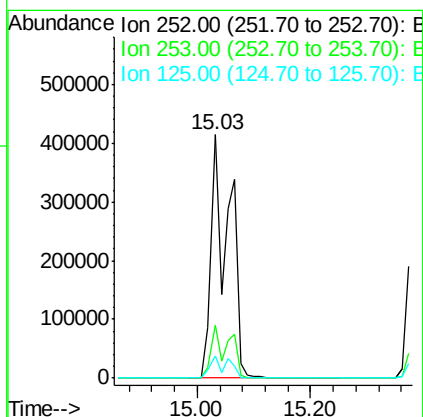
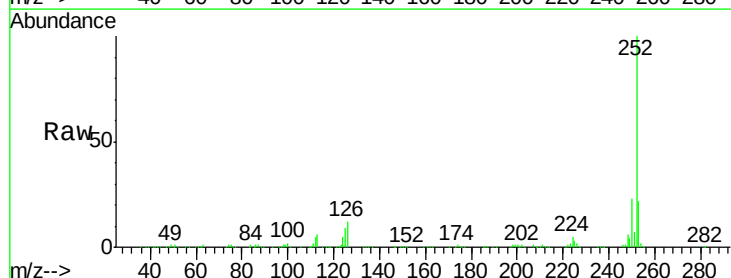
Instrument :
BNA_F
ClientSampleId :

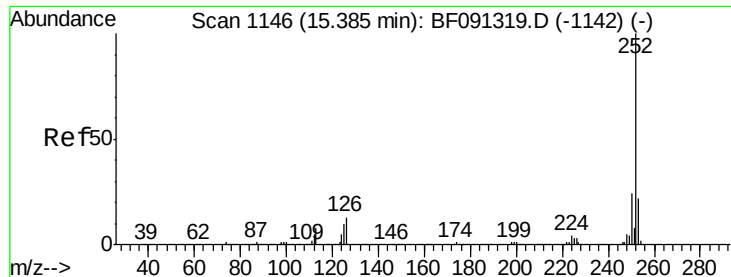
Tot Ion:252 Resp: 903396
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.2 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 55.87 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:252 Resp: 903396
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 9.6 14.4#

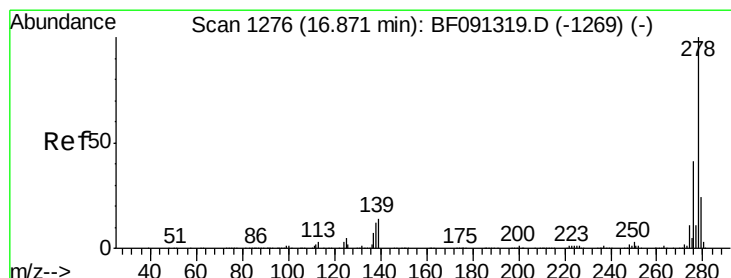
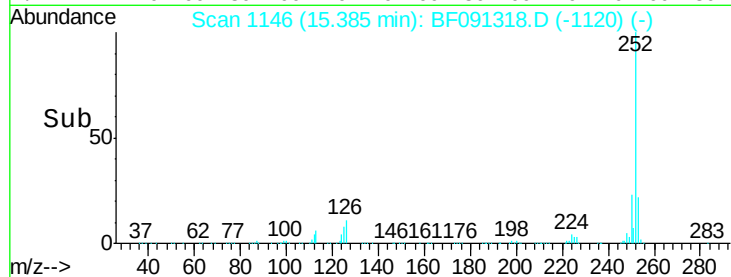
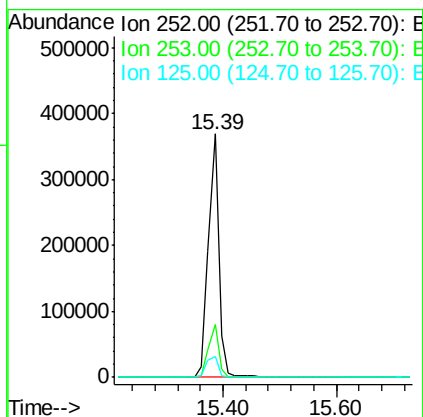
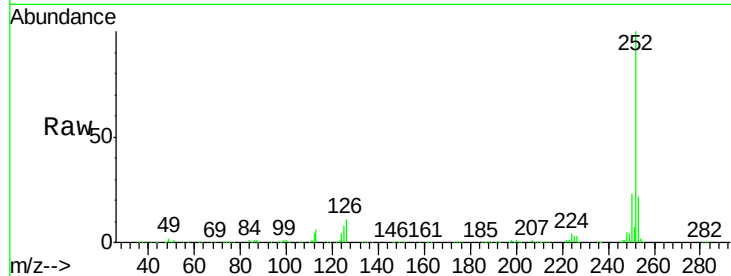




#89
Benzo(a)pyrene
Concen: 27.04 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

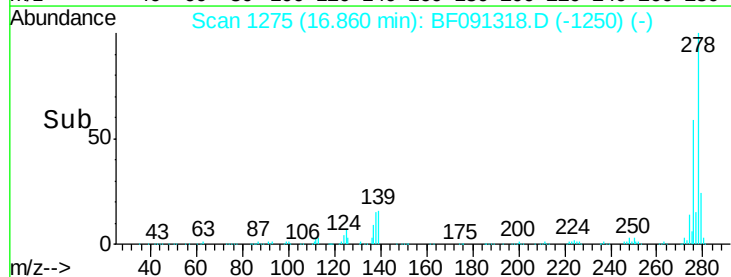
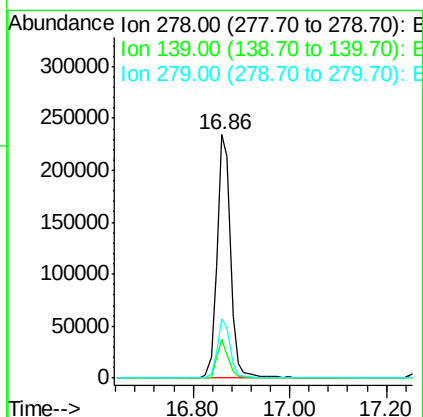
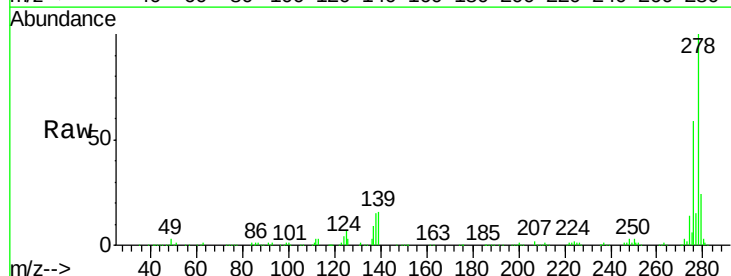
Instrument :
BNA_F
ClientSampleId :

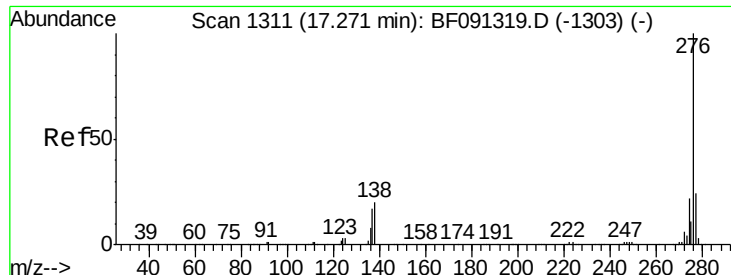
Tot Ion:252 Resp: 455367
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 8.5 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 29.96 ng
RT: 16.86 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF091318.D
Acq: 29 Nov 2016 10:57

Tgt Ion:278 Resp: 465782
Ion Ratio Lower Upper
278 100
139 15.7 15.1 22.7
279 24.3 19.0 28.6

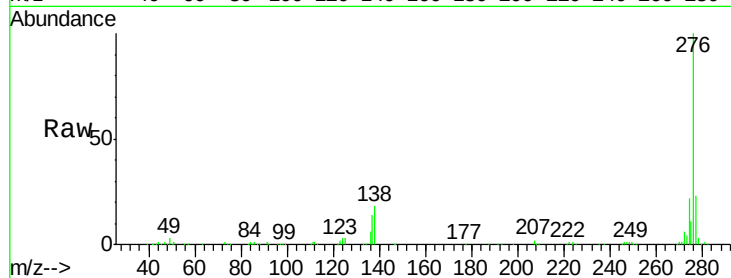




#91
 Benzo(a,h,i)perylene
 Concen: 31.14 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF091318.D
 Acq: 29 Nov 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	17.6	15.4	23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

