

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091317.D
 Acq On : 29 Nov 2016 10:29
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 12:21:30 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	7.02	152	150447	20.00	ng	0.15
21) Naphthalene-d8	8.15	136	680289	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	358696	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	662281	20.00	ng	0.00
75) Chrysene-d12	14.01	240	537605	20.00	ng	0.00
86) Perylene-d12	15.44	264	416852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	226145	24.15	ng	-0.01
7) Phenol-d6	6.48	99	278561	23.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	240441	20.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	82533	22.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	487745	22.26	ng	-0.01
78) Terphenyl-d14	12.96	244	511725	21.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	46211	10.46	ng	87
3) Pyridine	3.19	79	132074	11.13	ng	85
4) n-Nitrosodimethylamine	3.12	42	71379	10.98	ng	# 98
6) Aniline	6.60	93	121131	7.88	ng	# 39
8) 2-Chlorophenol	6.64	128	125442	12.30	ng	89
9) Benzaldehyde	6.63	77	5408	0.83	ng	97
10) Phenol	6.49	94	159612	11.89	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	121131	12.28	ng	95
12) 1,3-Dichlorobenzene	6.88	146	139654	12.56	ng	98
13) 1,4-Dichlorobenzene	6.88	146	139654	12.27	ng	99
14) 1,2-Dichlorobenzene	7.03	146	121174	11.22	ng	98
15) Benzyl Alcohol	7.00	79	98739	10.57	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	234935	10.86	ng	72
17) 2-Methylphenol	7.27	107	121725	15.08	ng	# 30
18) Hexachloroethane	7.38	117	45025	11.11	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	31091	4.12	ng	# 77
20) 3+4-Methylphenols	7.27	107	121725	12.29	ng	# 30
22) Acetophenone	7.27	105	176917	11.53	ng	# 88
24) Nitrobenzene	7.44	77	137436	10.99	ng	# 87
25) Isophorone	7.68	82	223949	10.14	ng	98
26) 2-Nitrophenol	7.76	139	58762	11.72	ng	89
27) 2,4-Dimethylphenol	7.80	122	107864	10.25	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	145403	11.06	ng	99
29) 2,4-Dichlorophenol	8.00	162	99941	10.75	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	116193	10.85	ng	97
31) Naphthalene	8.17	128	367572	11.23	ng	98
32) Benzoic acid	7.86	122	71447	8.62	ng	99
33) 4-Chloroaniline	8.22	127	151821	10.66	ng	96
34) Hexachlorobutadiene	8.30	225	67410	10.64	ng	98
35) Caprolactam	8.55	113	27167	9.48	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	97296	9.73	ng	96
37) 2-Methylnaphthalene	8.86	142	217488	9.68	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	116215	11.96	ng	# 96
40) Hexachlorocyclopentadiene	9.02	237	48641	11.18	ng	100

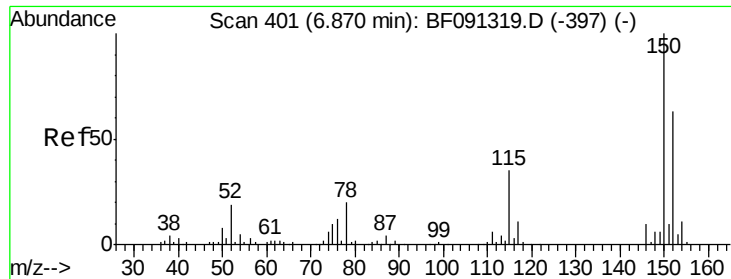
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091317.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	68502	10.22	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	68902	10.70	nq	# 91
45) 1,1'-Biphenyl	9.33	154	311483	12.04	nq	95
46) 2-Chloronaphthalene	9.35	162	229742	12.13	nq	95
47) 2-Nitroaniline	9.44	65	74598	11.60	nq	98
48) Acenaphthylene	9.76	152	350866	11.56	nq	99
49) Dimethylphthalate	9.62	163	263574	11.77	nq	99
50) 2,6-Dinitrotoluene	9.68	165	56154	11.48	nq	87
51) Acenaphthene	9.93	154	228368	11.05	nq	98
52) 3-Nitroaniline	9.84	138	57443	10.92	nq	# 77
53) 2,4-Dinitrophenol	9.94	184	16119	9.08	nq	# 1
54) Dibenzofuran	10.10	168	311357	10.71	nq	95
55) 4-Nitrophenol	10.00	139	41945	11.06	nq	# 69
56) 2,4-Dinitrotoluene	10.08	165	77300	12.49	nq	94
57) Fluorene	10.45	166	262905	11.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60200	10.63	nq	96
59) Diethylphthalate	10.32	149	240777	10.68	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	120612	11.77	nq	99
61) 4-Nitroaniline	10.45	138	54789	11.16	nq	90
62) Azobenzene	10.60	77	221793	9.70	nq	80
64) 4,6-Dinitro-2-methylphenol	10.48	198	27949	9.31	nq	98
65) n-Nitrosodiphenylamine	10.56	169	211205	10.50	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	72758	10.05	nq	94
67) Hexachlorobenzene	11.00	284	82387	10.38	nq	# 89
68) Atrazine	11.09	200	71780	13.52	nq	92
69) Pentachlorophenol	11.19	266	46688	9.94	nq	96
70) Phenanthrene	11.41	178	381876	11.11	nq	98
71) Anthracene	11.45	178	363635	10.35	nq	98
72) Carbazole	11.61	167	359414	11.50	nq	# 96
73) Di-n-butylphthalate	11.96	149	393769	10.88	nq	# 97
74) Fluoranthene	12.60	202	381570	10.92	nq	95
76) Benzidine	12.71	184	165045	15.84	nq	98
77) Pyrene	12.81	202	392812	9.89	nq	98
79) Butylbenzylphthalate	13.44	149	153560	9.66	nq	93
80) Benzo(a)anthracene	14.00	228	340378	11.16	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	125860	12.51	nq	97
82) Chrysene	14.04	228	323208	11.21	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	200484	10.13	nq	# 93
84) Di-n-octyl phthalate	14.62	149	330771	10.62	nq	95
85) Indeno(1,2,3-cd)pyrene	16.84	276	234647	9.45	nq	96
87) Benzo(b)fluoranthene	15.03	252	543999	20.69	nq	98
88) Benzo(k)fluoranthene	15.03	252	543999	25.33	nq	# 97
89) Benzo(a)pyrene	15.39	252	245993	11.00	nq	# 94
90) Dibenzo(a,h)anthracene	16.86	278	201212	9.74	nq	# 95
91) Benzo(g,h,i)perylene	17.26	276	200658	9.79	nq	99

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

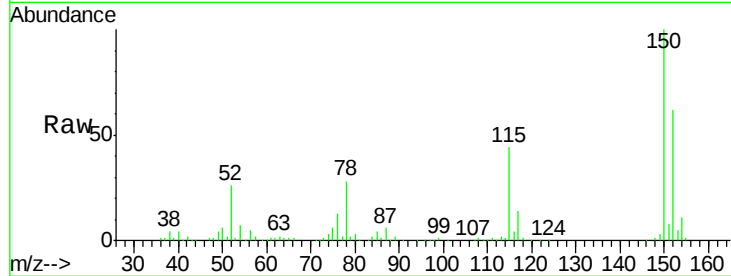


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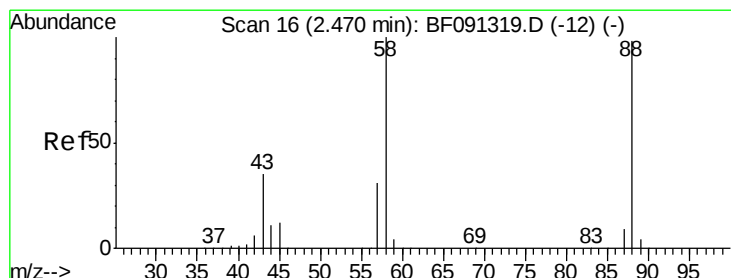
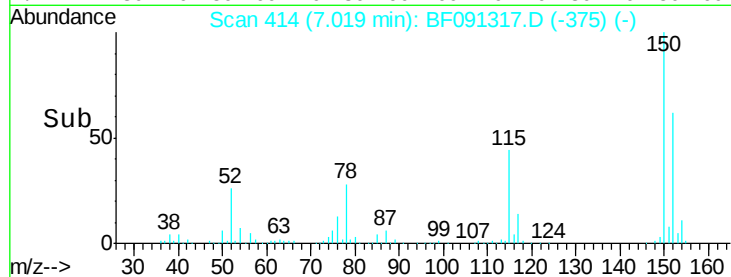
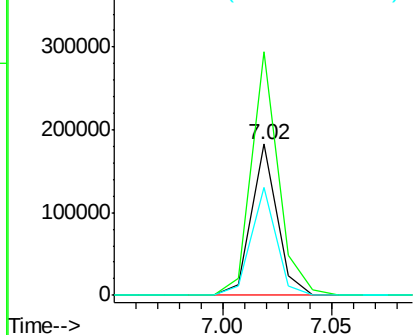
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 414
Delta R.T. 0.15 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150447
Ion Ratio Lower Upper
152 100
150 160.8 122.5 183.7
115 71.5 51.8 77.8



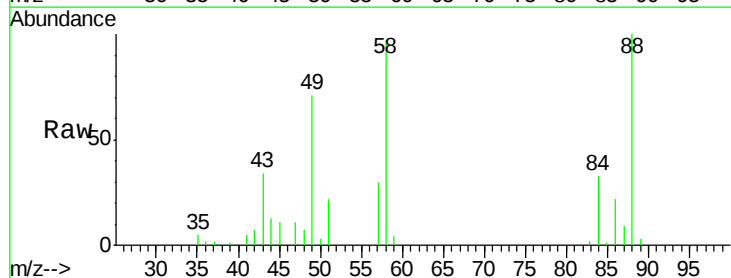
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



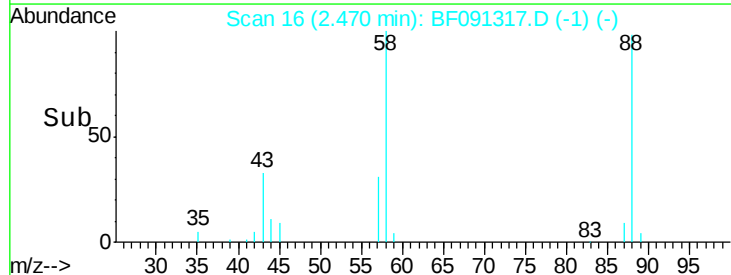
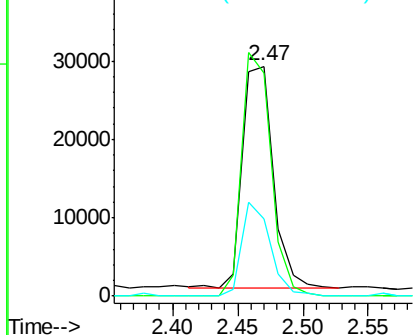
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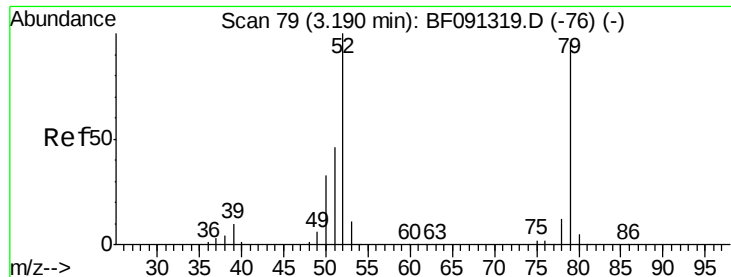
1,4-Dioxane
Concen: 10.46 ng
RT: 2.47 min Scan# 16
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion: 88 Resp: 46211
Ion Ratio Lower Upper
88 100
58 104.8 70.3 105.5
43 39.4 31.3 46.9



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





#3

Pvridine

Concen: 11.13 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampled :

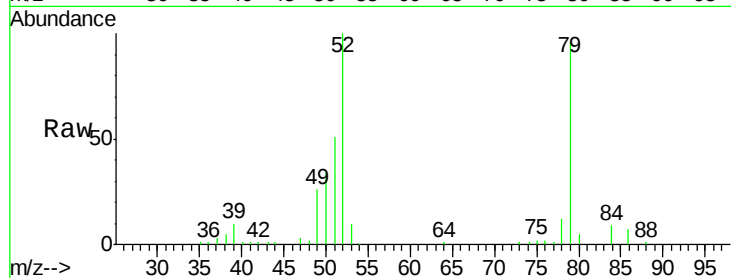
Tot Ion: 79 Resp: 132074

Ion Ratio Lower Upper

79 100

52 104.6 71.0 106.4

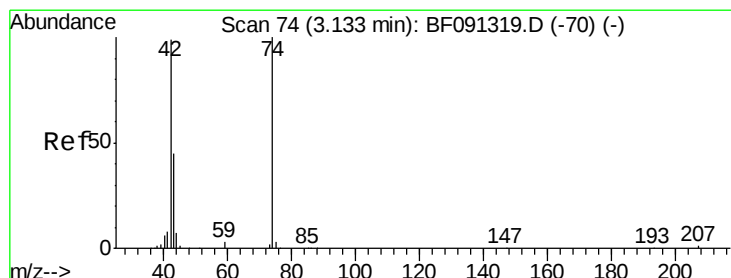
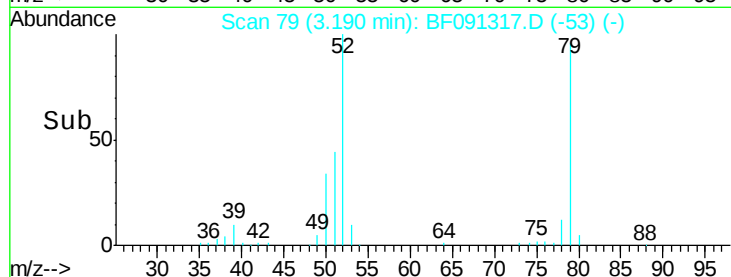
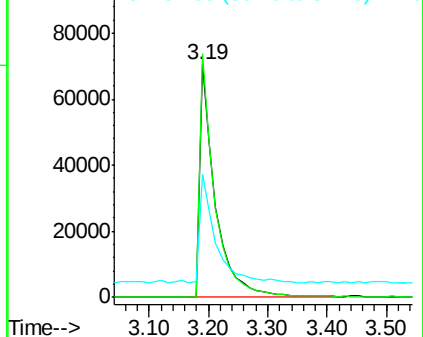
51 53.2 37.0 55.4



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: 10.98 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

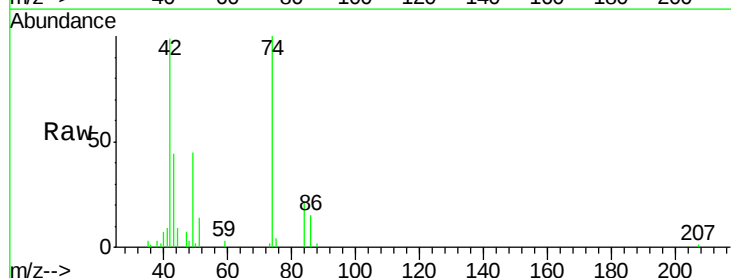
Tgt Ion: 42 Resp: 71379

Ion Ratio Lower Upper

42 100

74 100.6 78.9 118.3

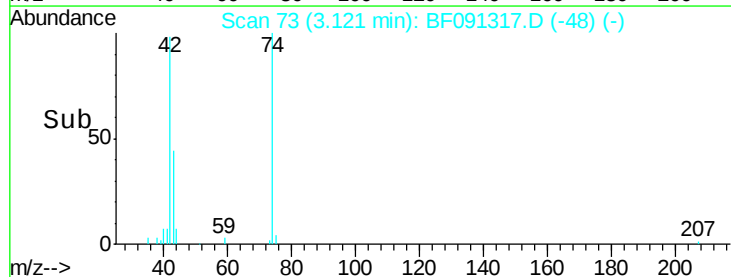
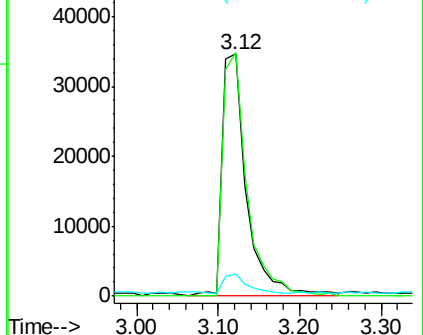
44 9.0 5.8 8.6#

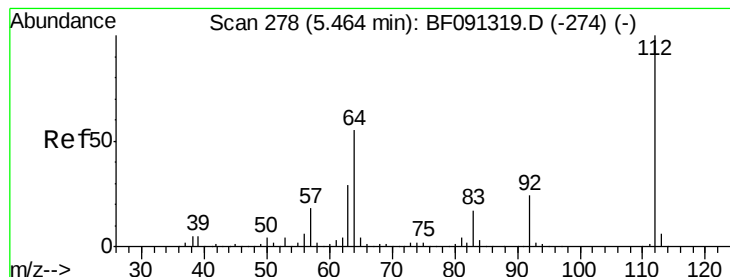


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

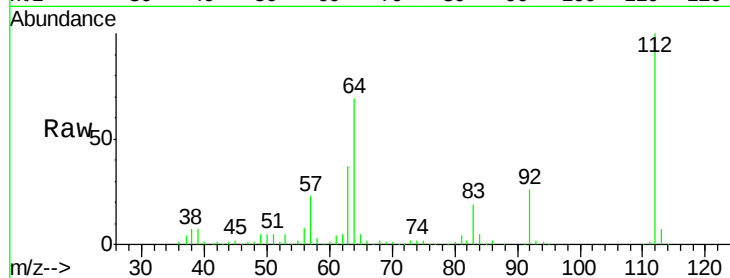




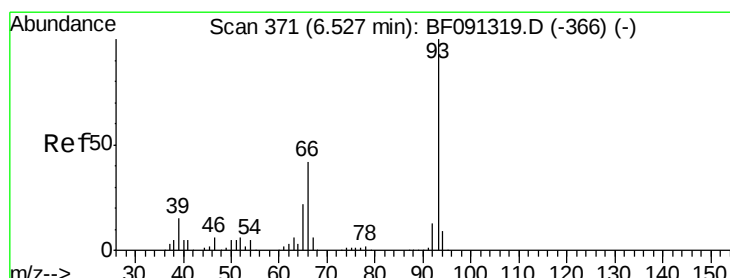
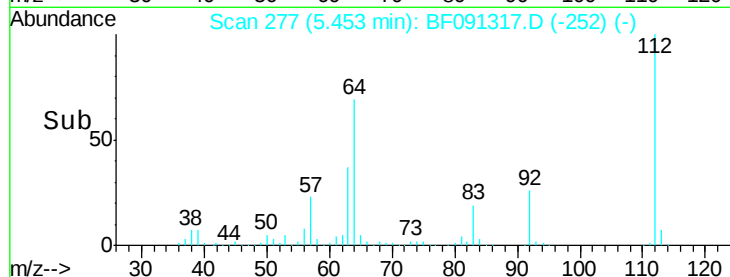
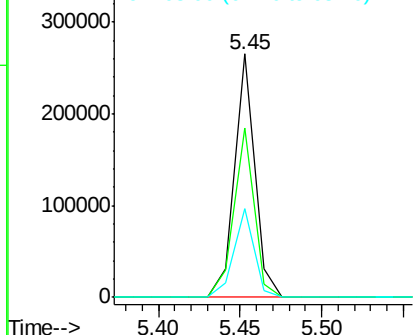
#5
2-Fluorophenol
Concen: 24.15 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
112	100	226145		
64	69.4		61.5	92.3
63	36.6		33.3	49.9

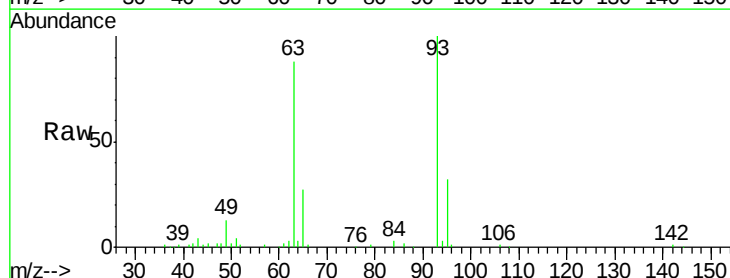


Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

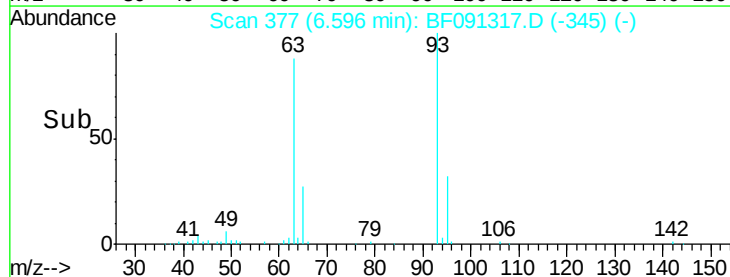
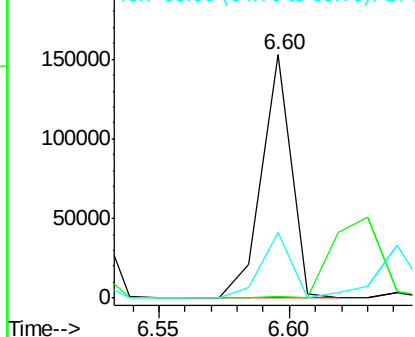


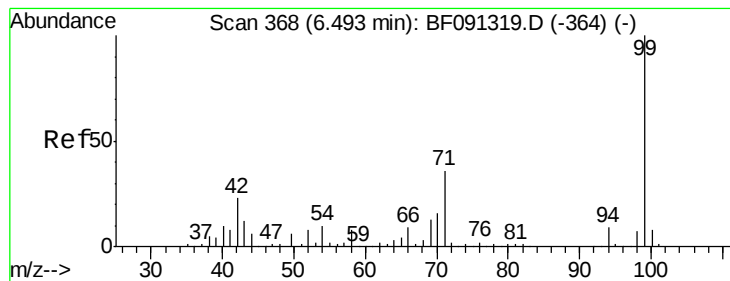
#6
Aniline
Concen: 7.88 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.07 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	121131		
66	0.6		55.8	83.6#
65	26.8		29.9	44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.15 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

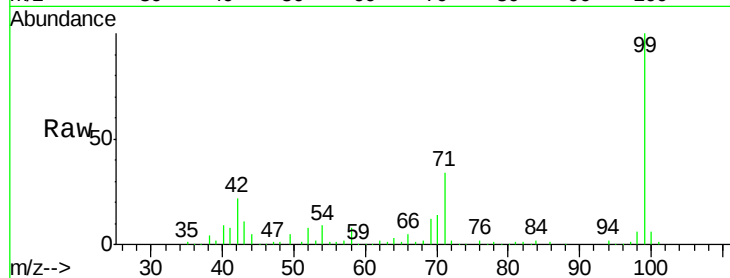
Tot Ion: 99 Resp: 278561

Ion Ratio Lower Upper

99 100

42 22.4 20.6 31.0

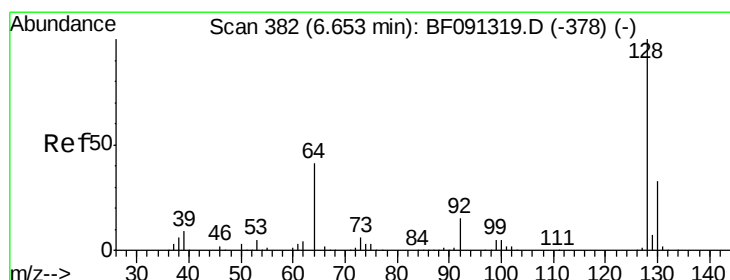
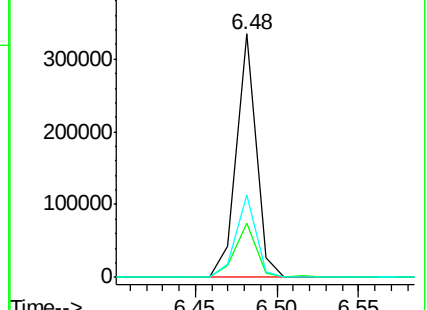
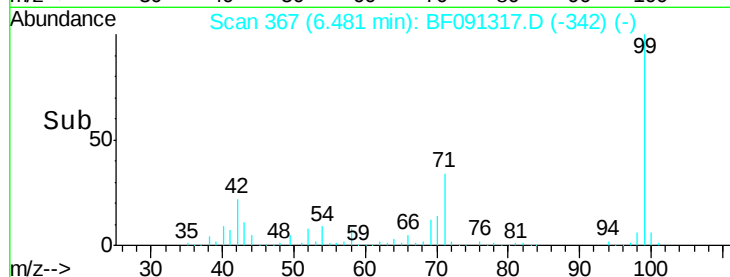
71 34.0 29.9 44.9



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: 12.30 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

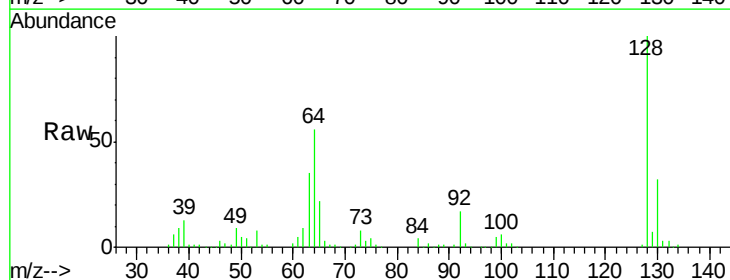
Tgt Ion: 128 Resp: 125442

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

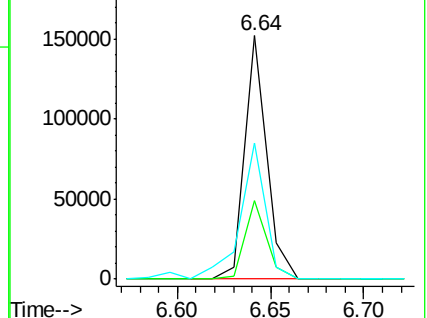
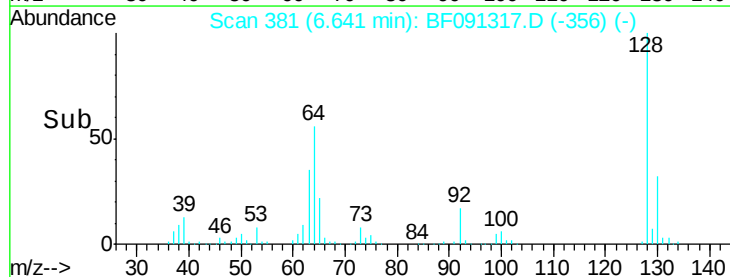
64 55.8 24.1 64.1

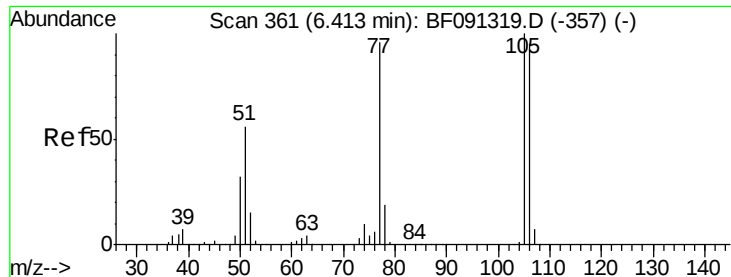


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.83 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.22 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampled :

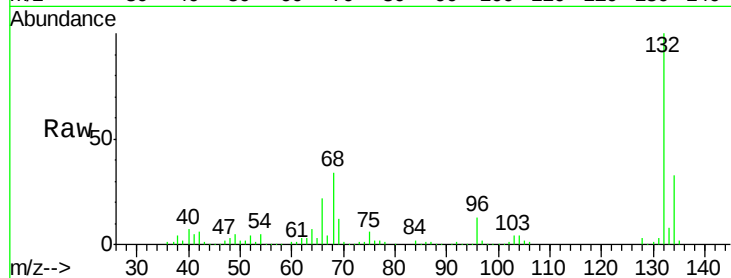
Tot Ion: 77 Resp: 5408

Ion Ratio Lower Upper

77 100

105 87.1 66.4 106.4

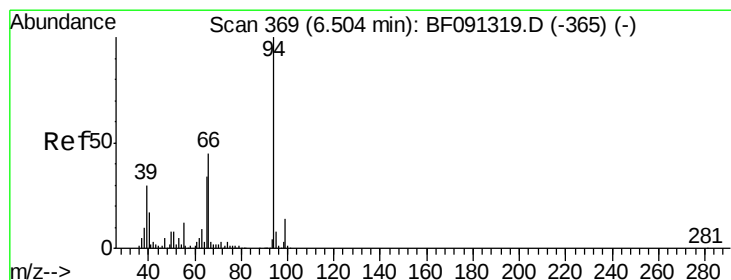
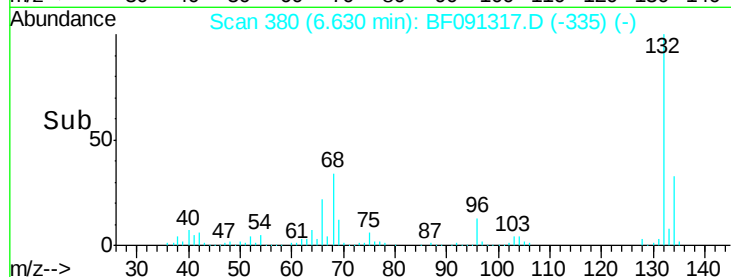
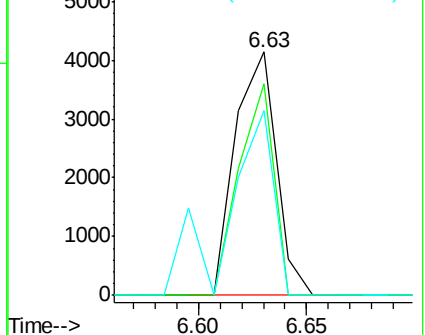
106 75.8 60.9 100.9



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: 11.89 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

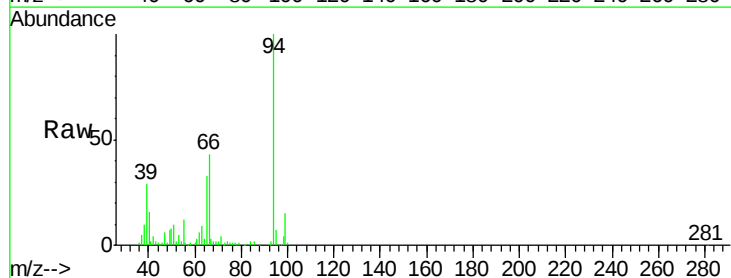
Tgt Ion: 94 Resp: 159612

Ion Ratio Lower Upper

94 100

65 33.0 16.9 56.9

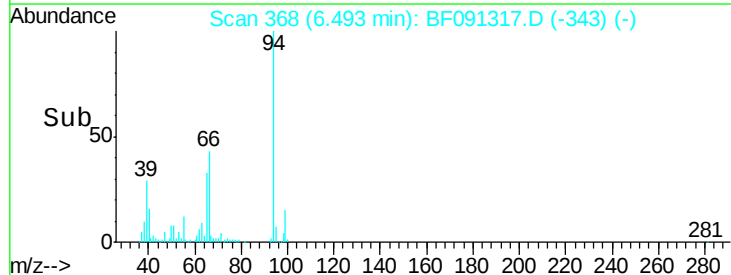
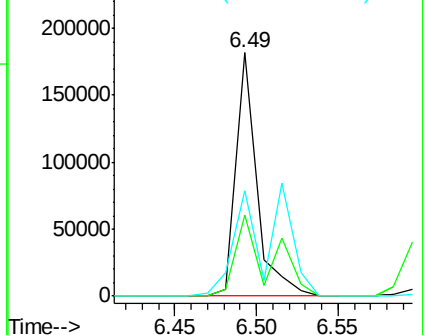
66 43.2 30.6 70.6

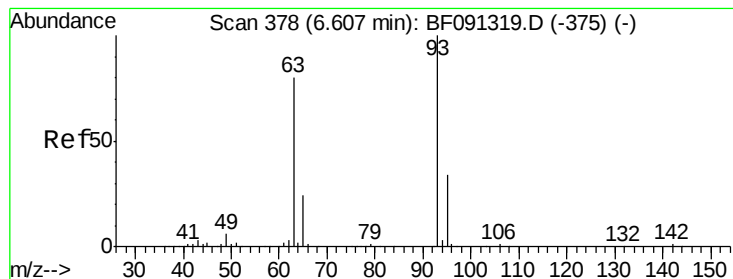


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

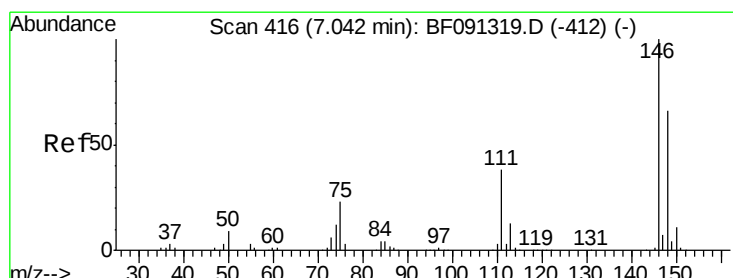
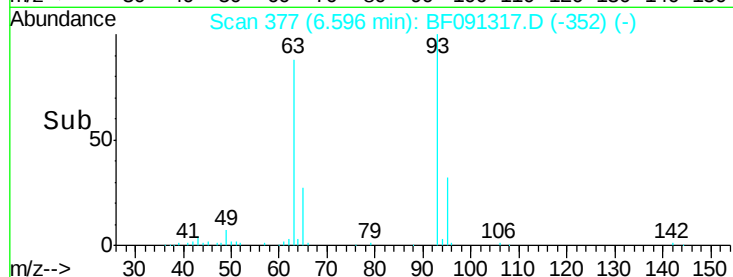
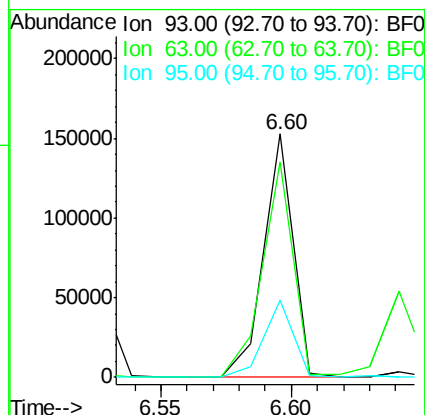
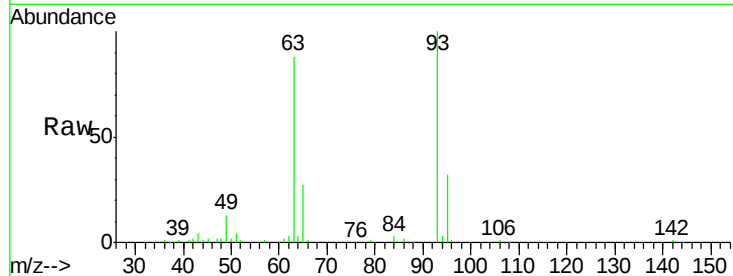




#11
bis(2-Chloroethyl)ether
Concen: 12.28 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

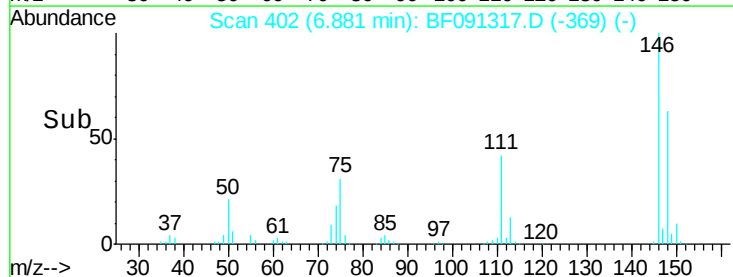
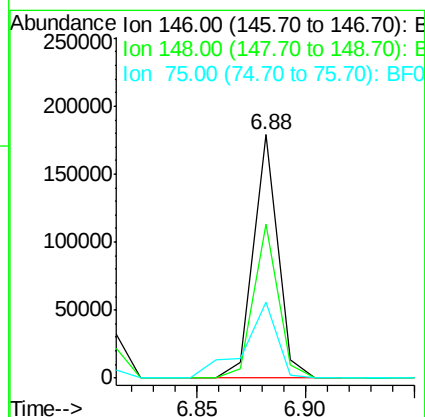
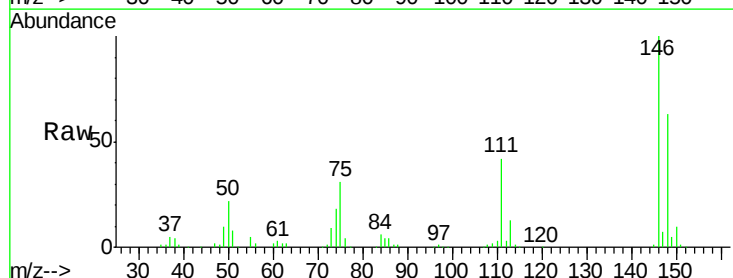
Instrument :
BNA_F
ClientSampleId :

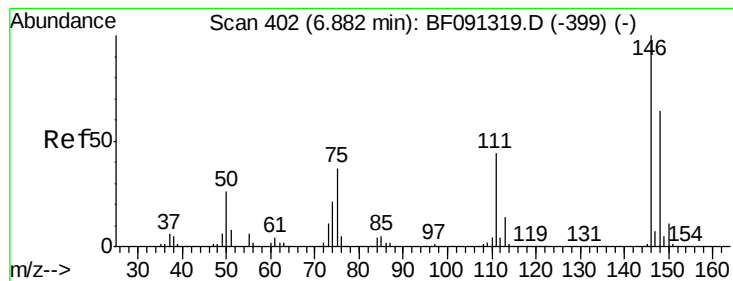
Tot Ion: 93 Resp: 121131
Ion Ratio Lower Upper
93 100
63 88.4 74.8 114.8
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 12.56 ng
RT: 6.88 min Scan# 402
Delta R.T. 0.08 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion: 146 Resp: 139654
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 31.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 12.27 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampled :

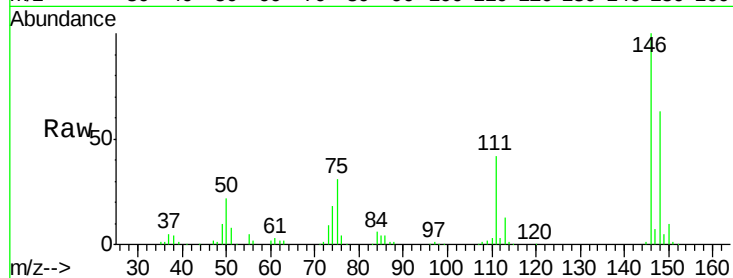
Tot Ion:146 Resp: 139654

Ion Ratio Lower Upper

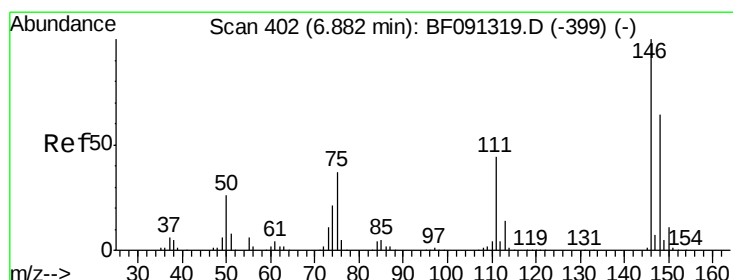
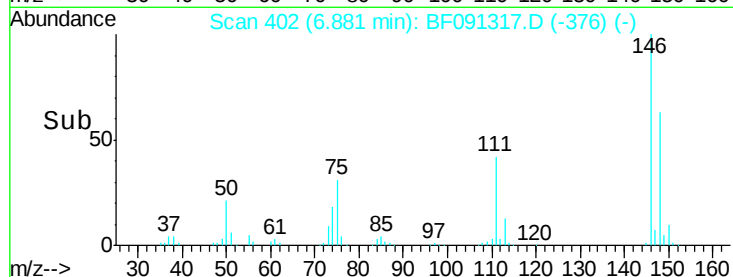
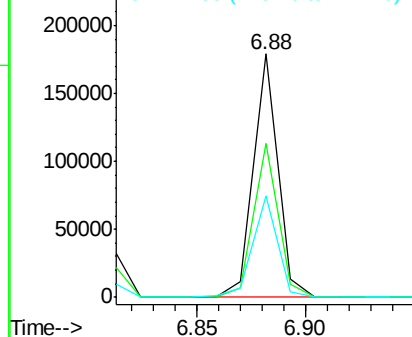
146 100

148 63.4 51.4 77.0

111 41.5 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: 11.22 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

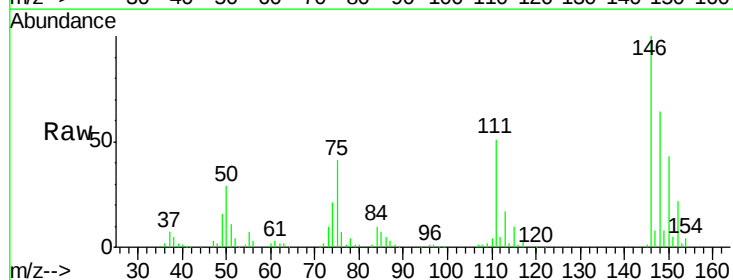
Tgt Ion:146 Resp: 121174

Ion Ratio Lower Upper

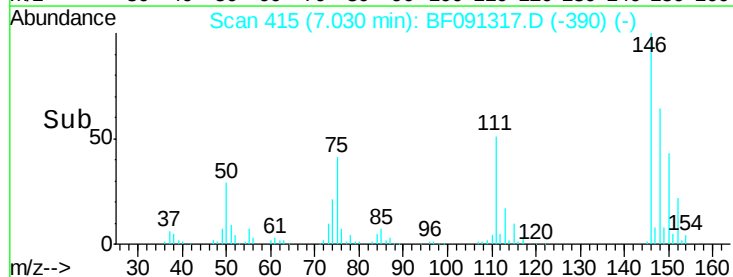
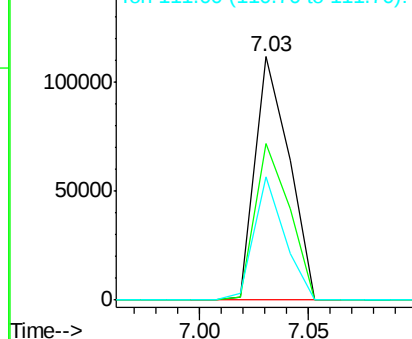
146 100

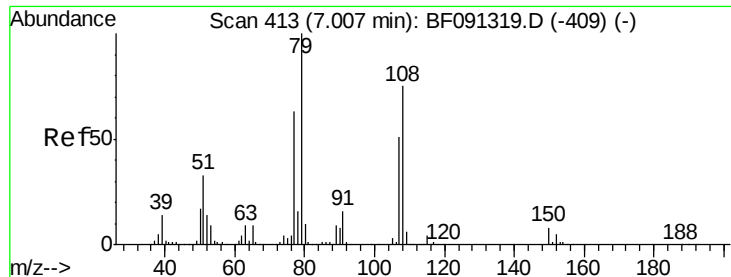
148 64.4 51.0 76.6

111 50.8 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: 10.57 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

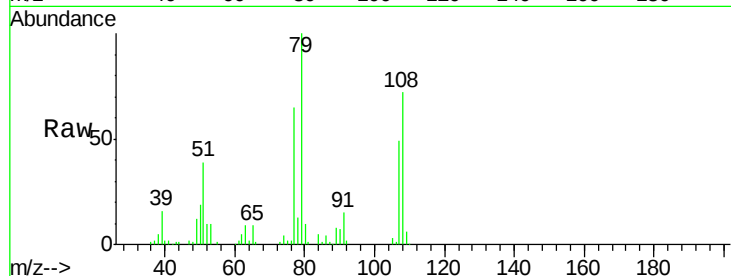
Tot Ion: 79 Resp: 98739

Ion Ratio Lower Upper

79 100

108 71.9 62.7 94.1

77 65.4 51.7 77.5

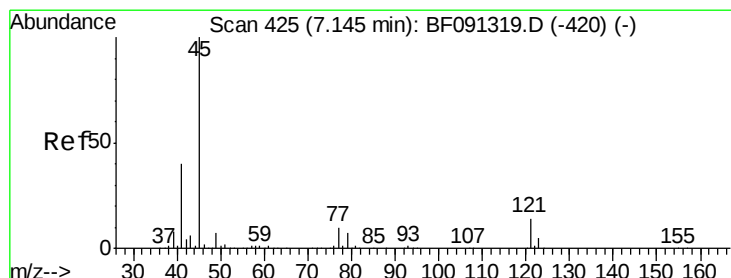
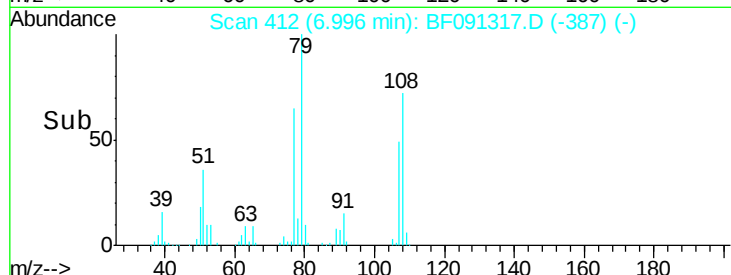
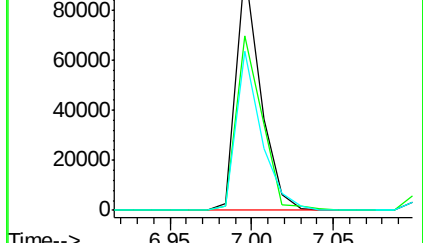


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.86 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

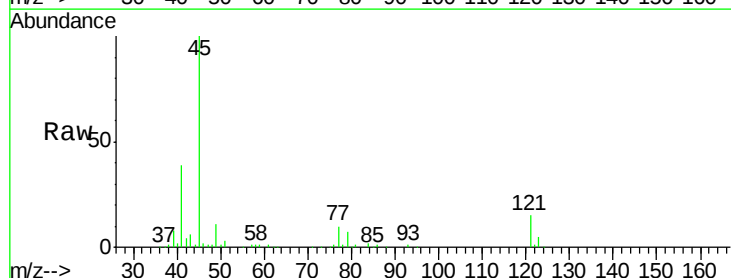
Tgt Ion: 45 Resp: 234935

Ion Ratio Lower Upper

45 100

77 9.6 3.8 43.8

79 7.4 0.2 40.2

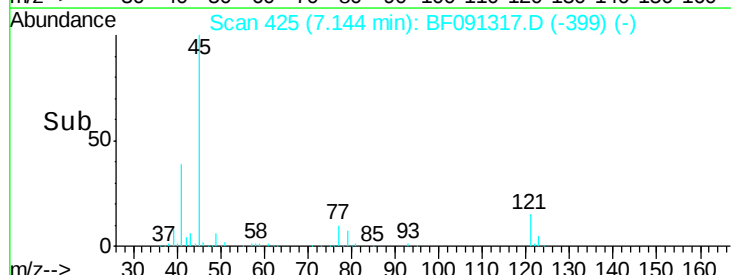
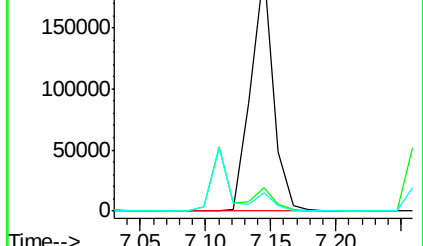


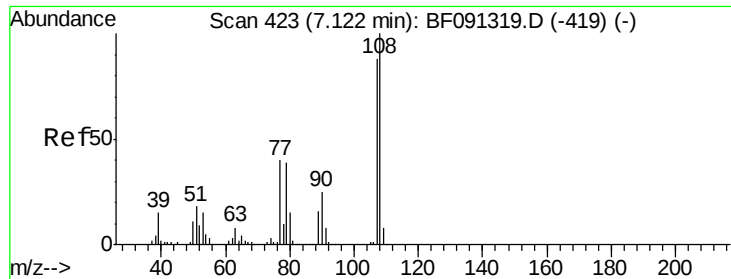
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->





#17

2-Methylphenol

Concen: 15.08 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.15 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 121725

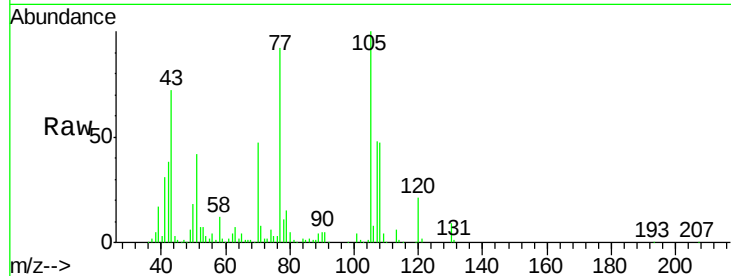
Ion Ratio Lower Upper

107 100

108 96.8 67.7 101.5

77 191.4 40.7 61.1#

79 31.3 23.4 35.2

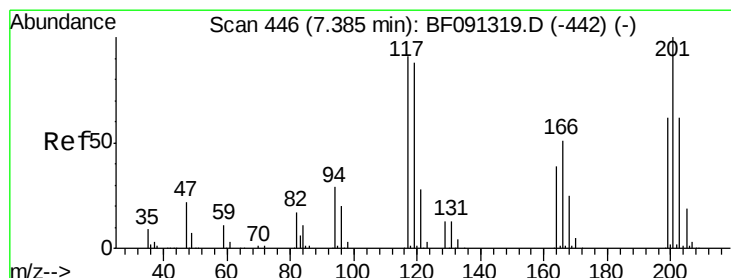
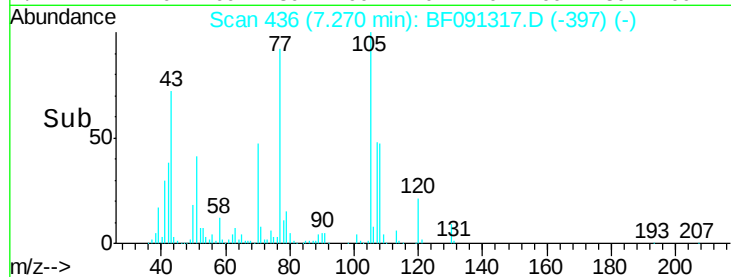
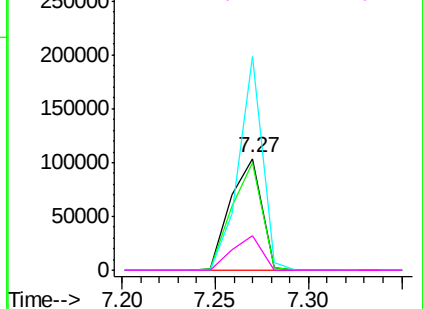


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.11 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

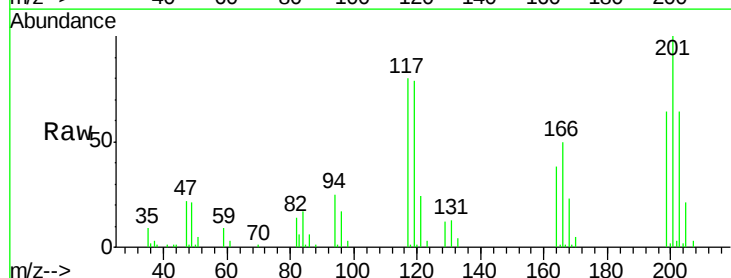
Tgt Ion:117 Resp: 45025

Ion Ratio Lower Upper

117 100

119 99.6 78.6 118.0

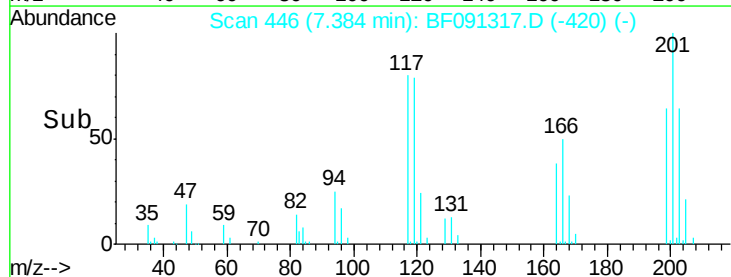
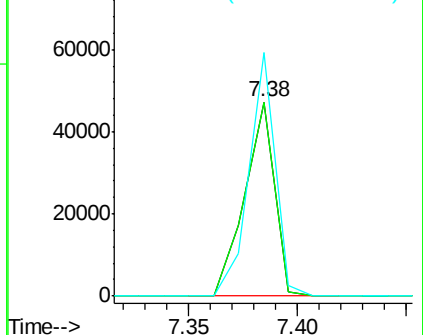
201 125.5 86.7 130.1

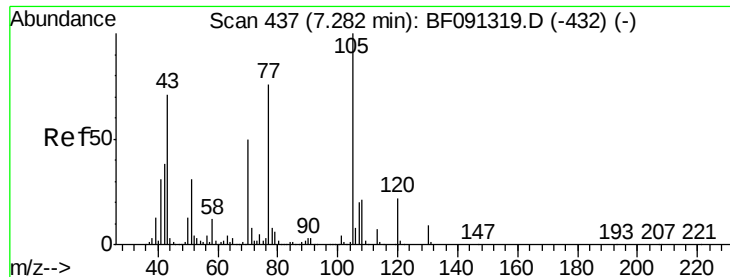


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

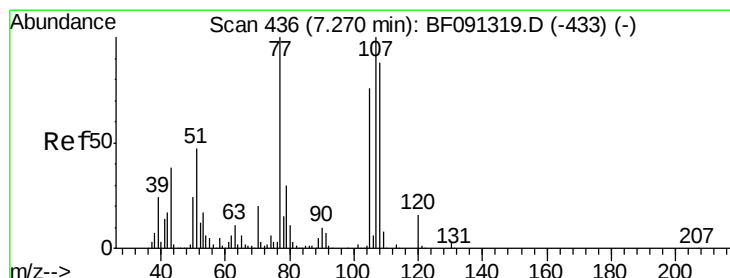
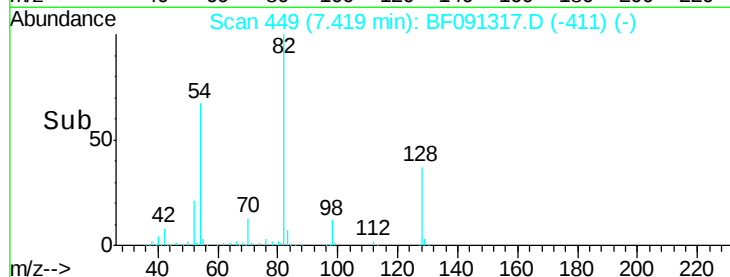
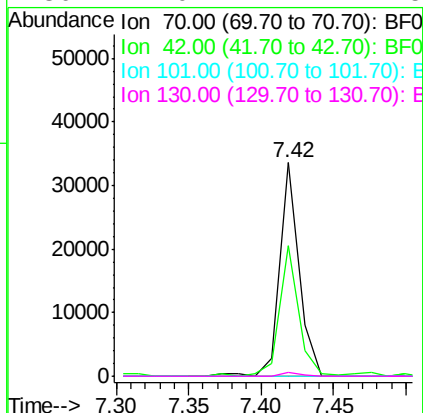
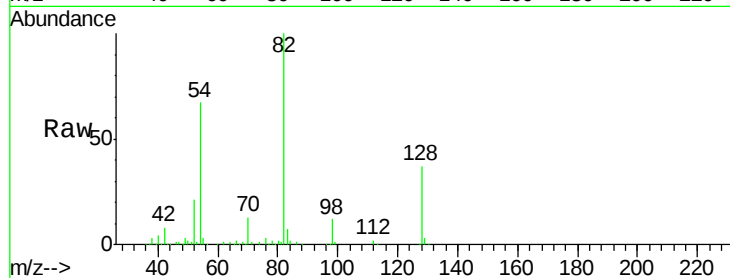




#19
n-Nitroso-di-n-propylamine
Concen: 4.12 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

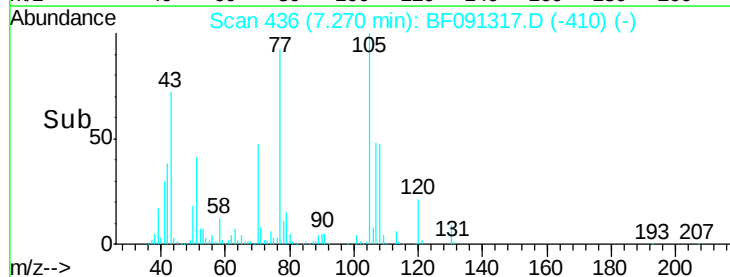
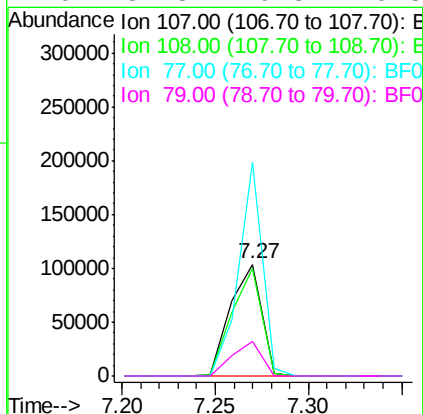
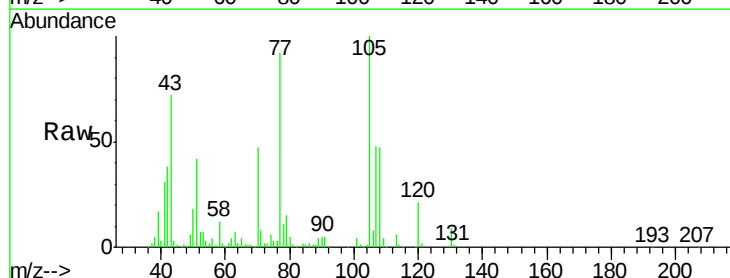
Instrument :
BNA_F
ClientSampleId :

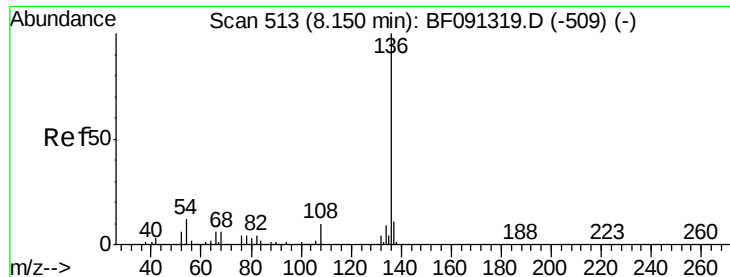
Tot Ion: 70 Resp: 31091
Ion Ratio Lower Upper
70 100
42 61.3 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 12.29 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:107 Resp: 121725
Ion Ratio Lower Upper
107 100
108 96.8 64.6 104.6
77 191.4 30.9 70.9#
79 31.3 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: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 680289

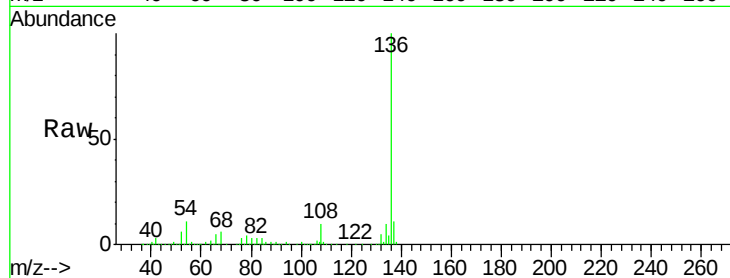
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.0 9.1 13.7

68 5.5 5.9 8.9#

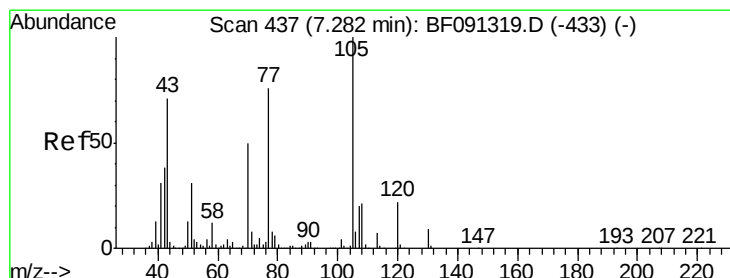
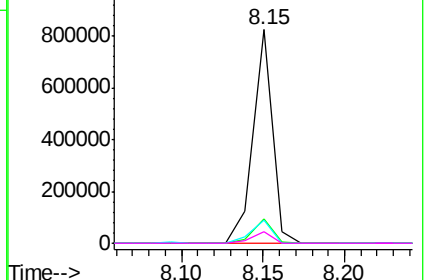
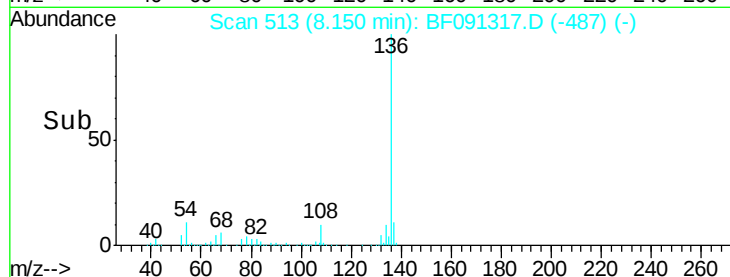


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 11.53 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Tgt Ion:105 Resp: 176917

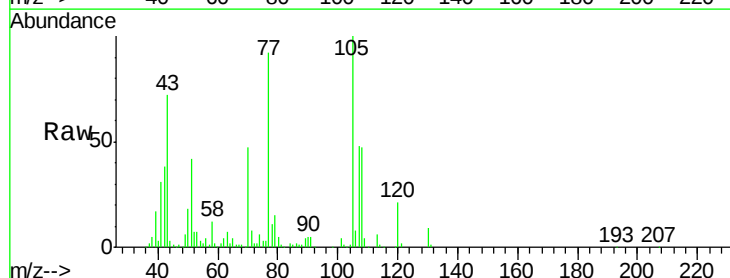
Ion Ratio Lower Upper

105 100

71 7.6 7.9 11.9#

51 42.0 24.5 36.7#

120 20.9 16.6 24.8

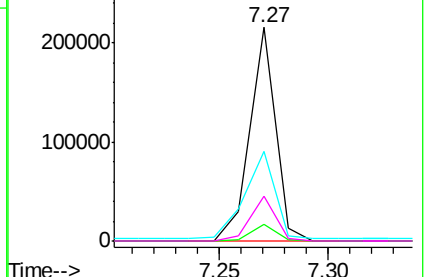
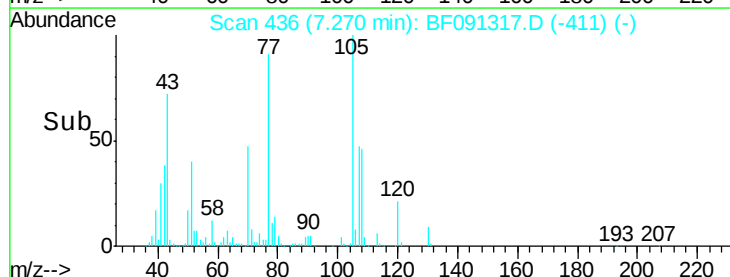


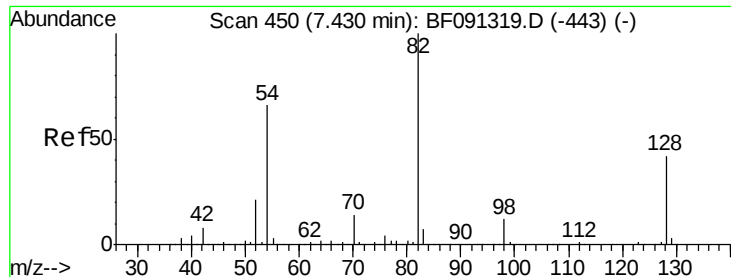
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

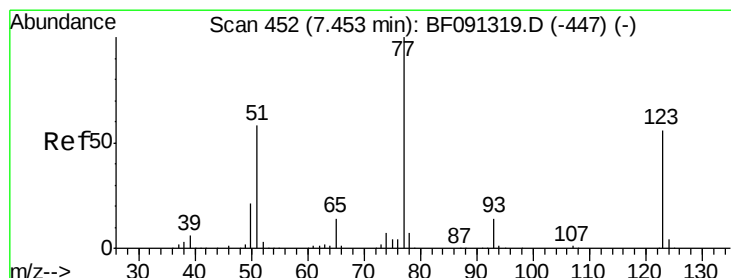
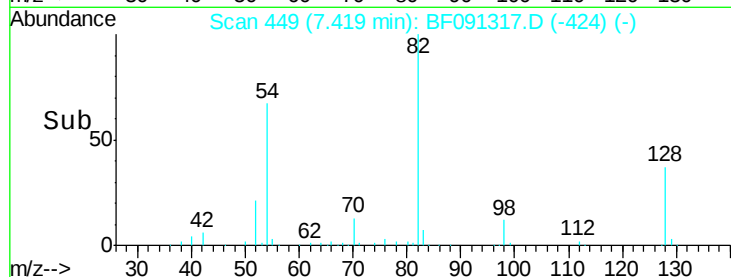
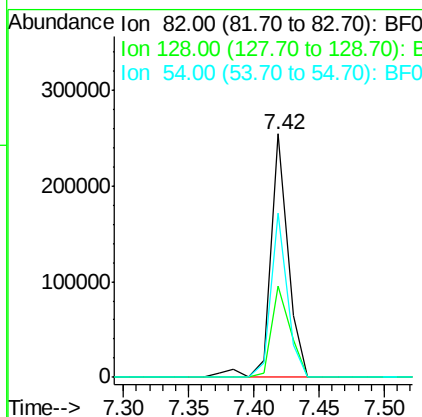
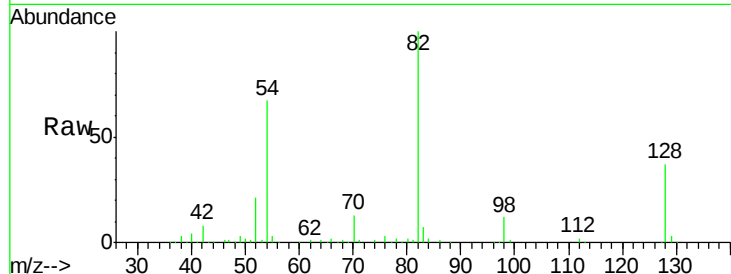




#23
 Nitrobenzene-d5
 Concen: 20.35 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

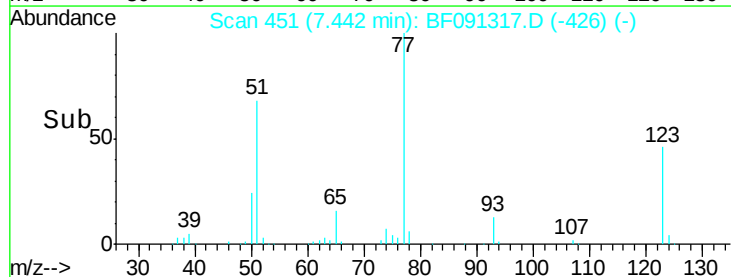
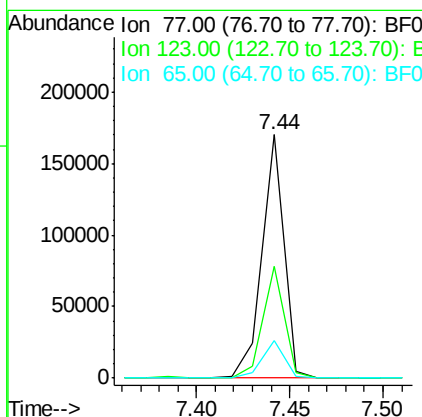
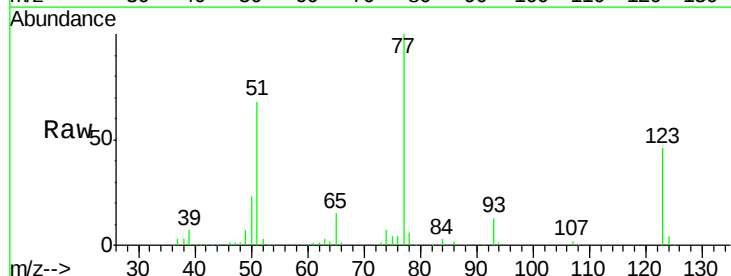
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 240441
 Ion Ratio Lower Upper
 82 100
 128 37.3 31.8 47.6
 54 67.3 49.1 73.7



#24
 Nitrobenzene
 Concen: 10.99 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion: 77 Resp: 137436
 Ion Ratio Lower Upper
 77 100
 123 46.1 28.5 42.7#
 65 15.3 12.5 18.7





#25

Isophorone

Concen: 10.14 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

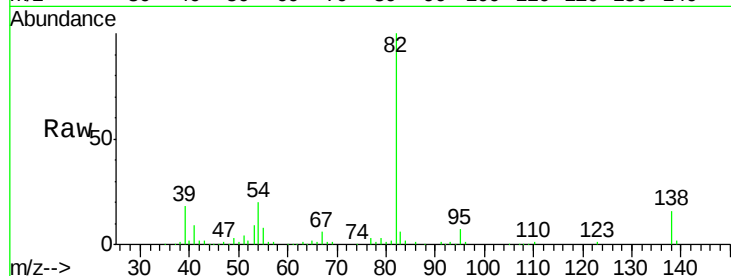
Tot Ion: 82 Resp: 223949

Ion Ratio Lower Upper

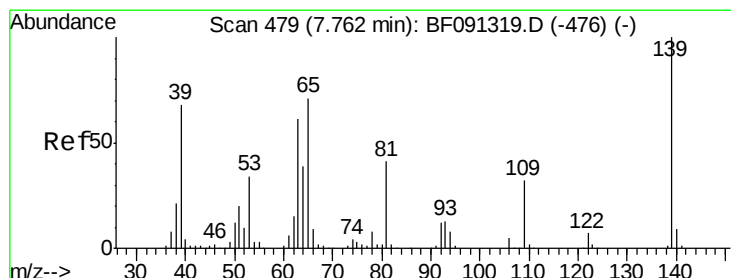
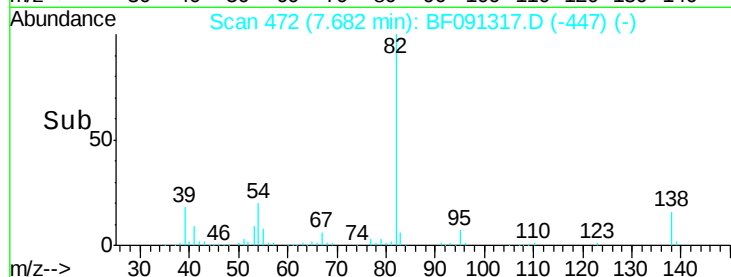
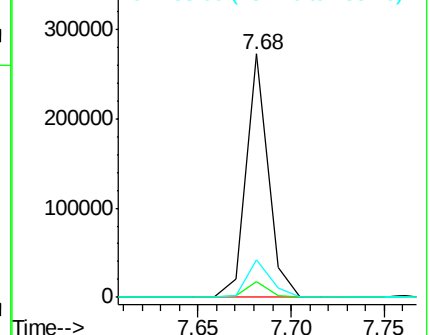
82 100

95 6.6 5.7 8.5

138 15.7 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 11.72 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

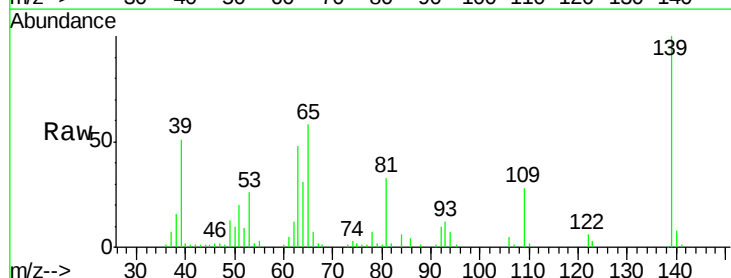
Tgt Ion: 139 Resp: 58762

Ion Ratio Lower Upper

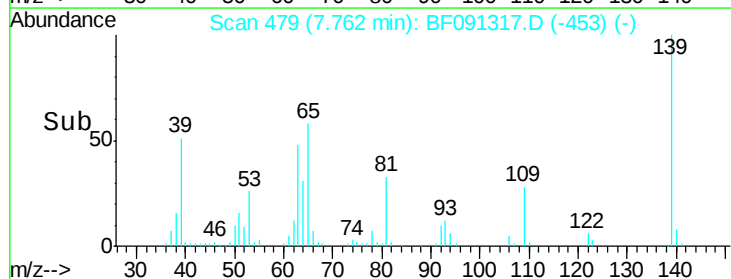
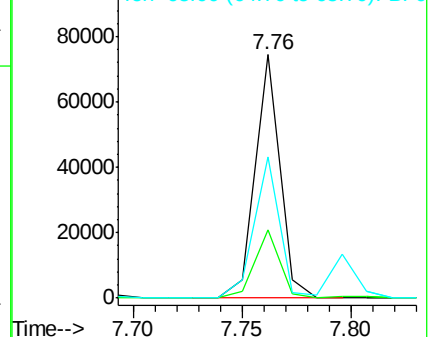
139 100

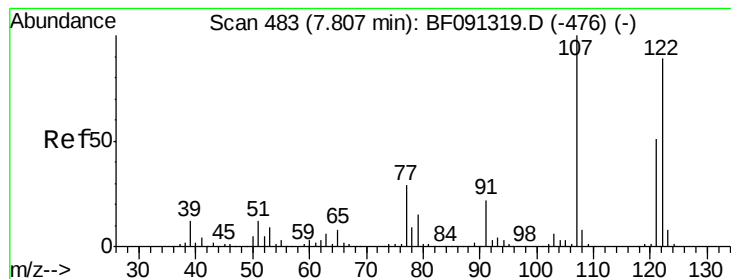
109 27.9 25.3 37.9

65 58.2 55.4 83.2



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





#27

2,4-Dimethylphenol

Concen: 10.25 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

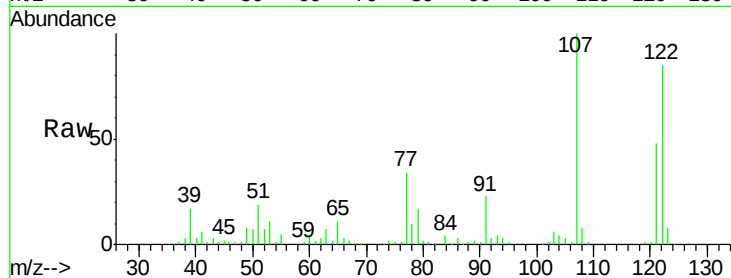
Tot Ion:122 Resp: 107864

Ion Ratio Lower Upper

122 100

107 117.7 96.8 145.2

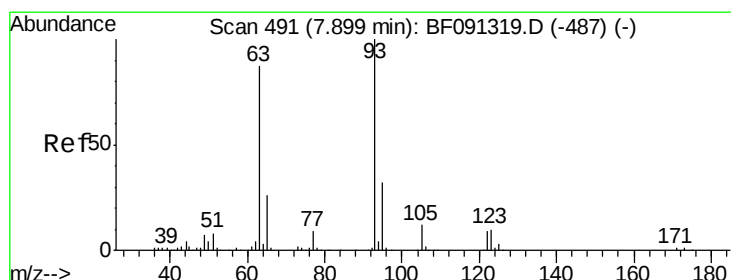
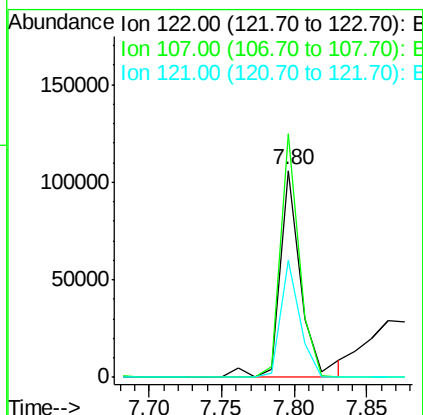
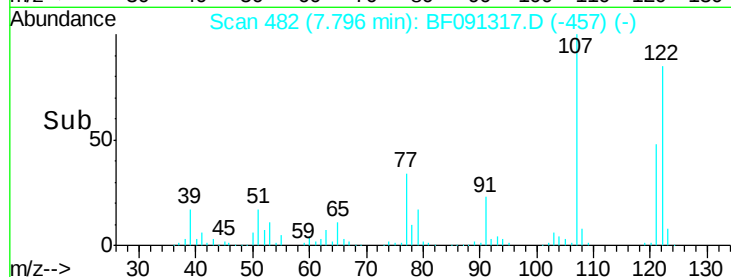
121 56.2 47.7 71.5



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: 11.06 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

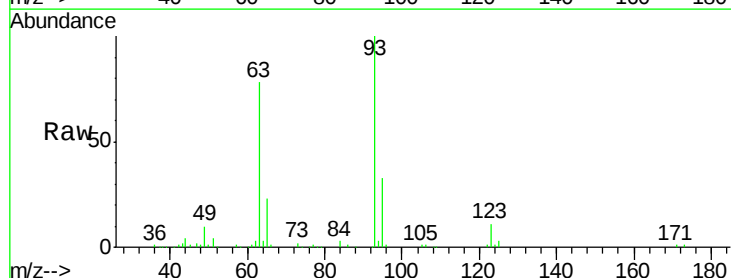
Tgt Ion: 93 Resp: 145403

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

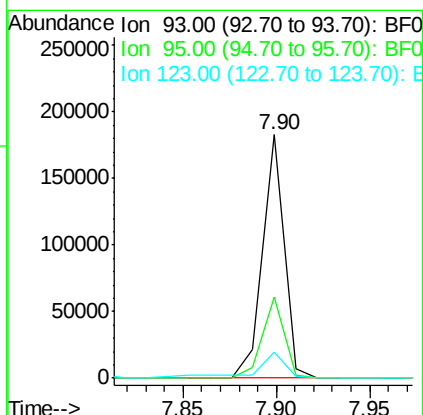
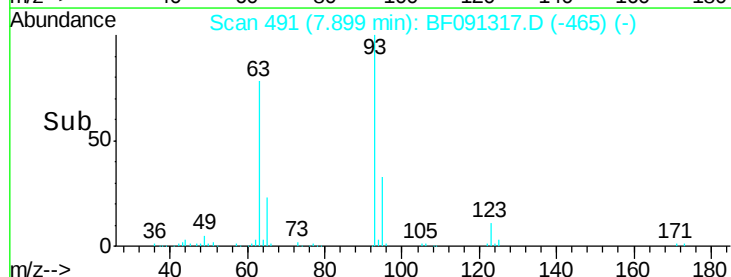
123 10.7 8.6 12.8

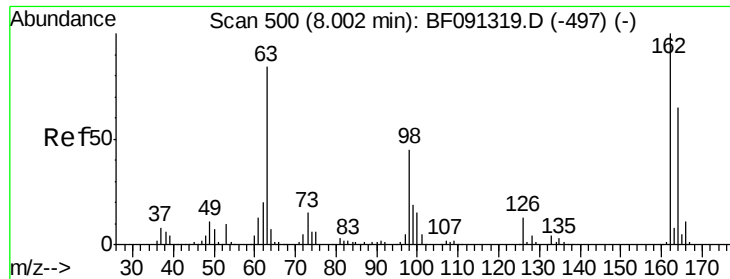


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

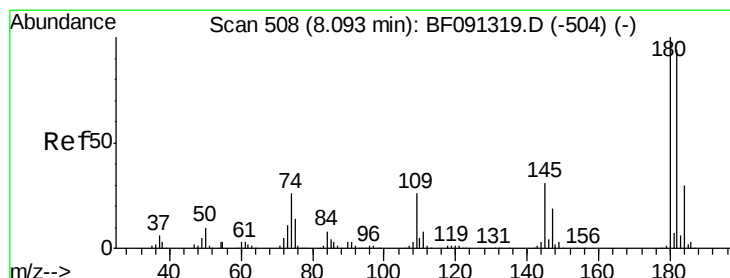
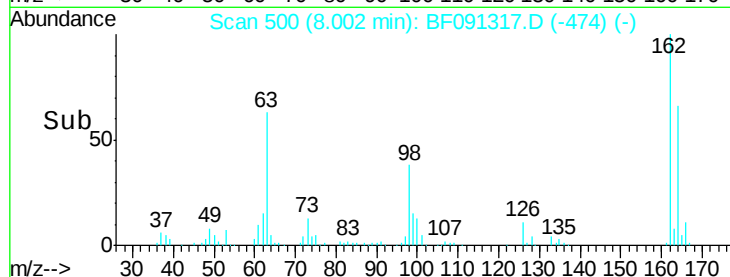
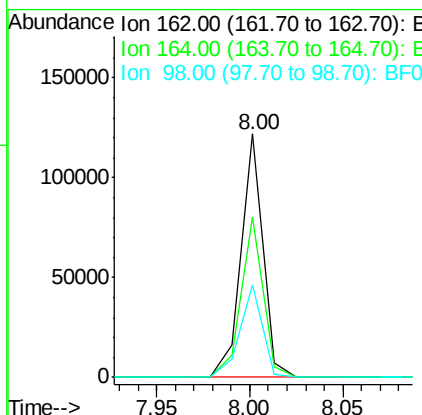
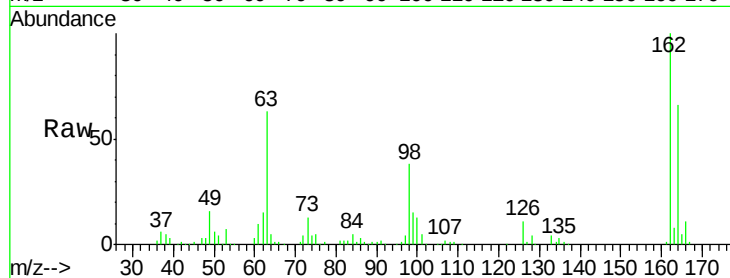




#29
 2,4-Dichlorophenol
 Concen: 10.75 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

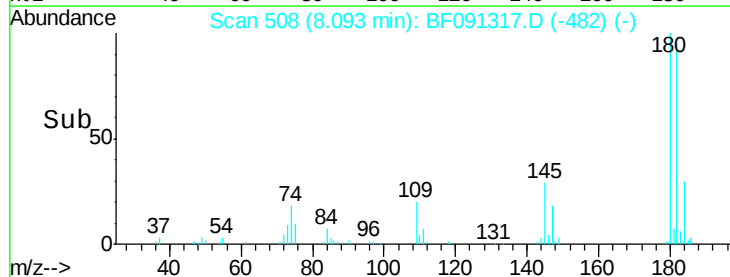
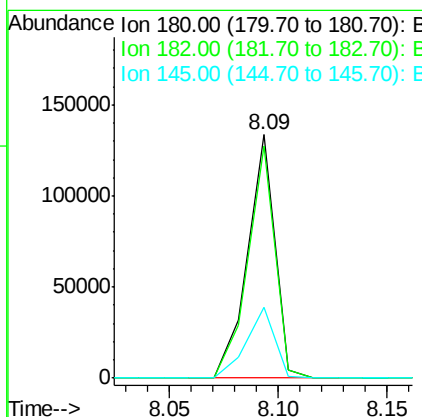
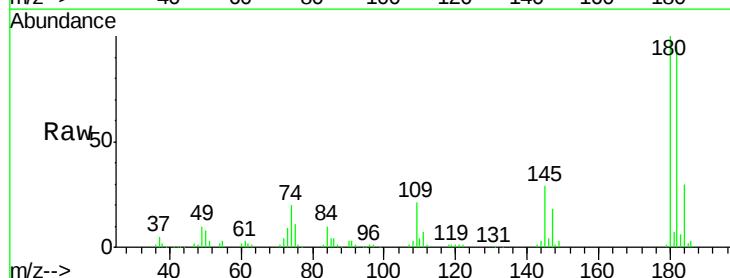
Instrument :
 BNA_F
 ClientSampleId :

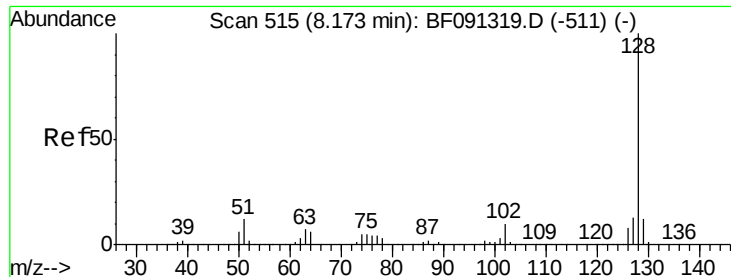
Tot Ion:162 Resp: 99941
 Ion Ratio Lower Upper
 162 100
 164 65.9 45.0 85.0
 98 38.0 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 10.85 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:180 Resp: 116193
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.8
 145 28.8 27.0 40.4

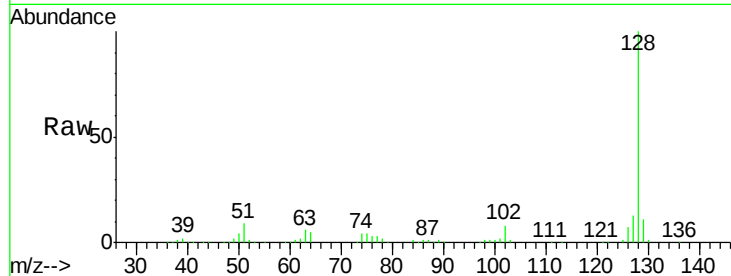




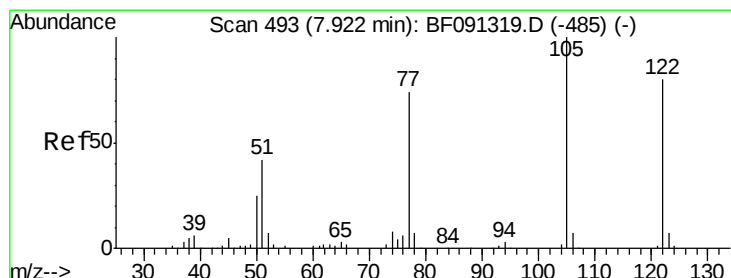
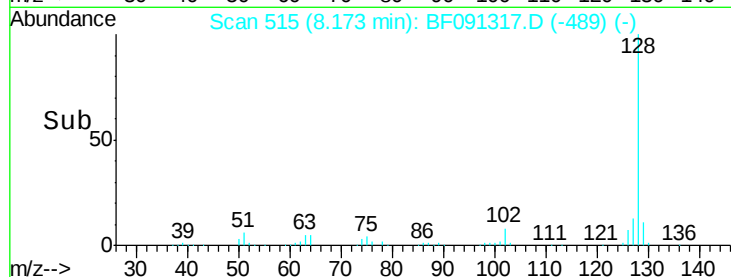
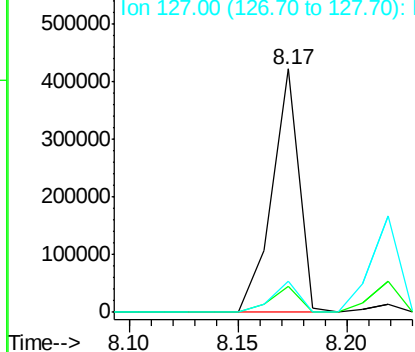
#31
Naphthalene
Concen: 11.23 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 367572
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.8 11.0 16.4

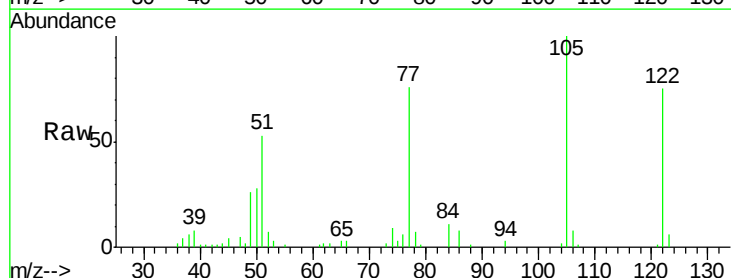


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

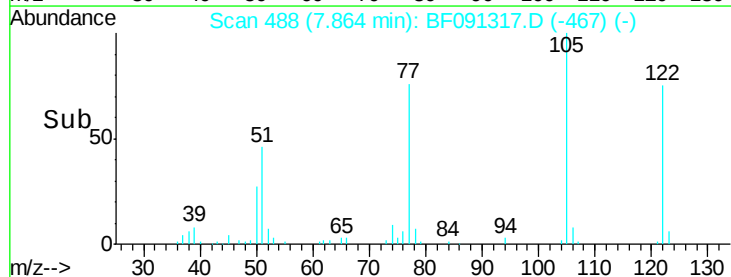
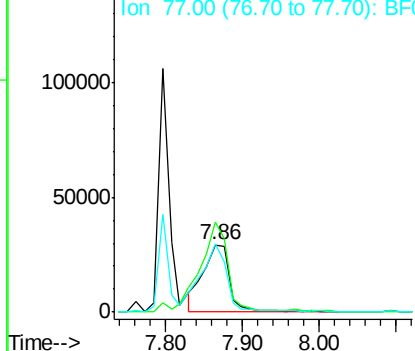


#32
Benzoic acid
Concen: 8.62 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.06 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:122 Resp: 71447
Ion Ratio Lower Upper
122 100
105 133.1 113.0 153.0
77 100.7 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

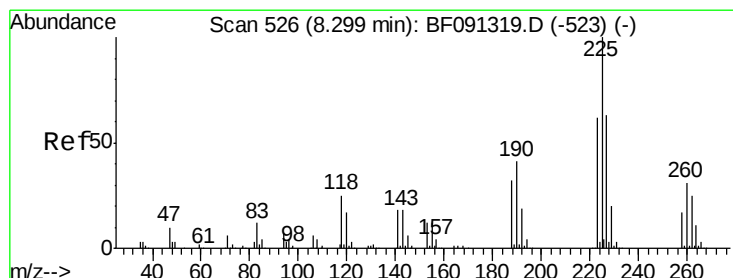
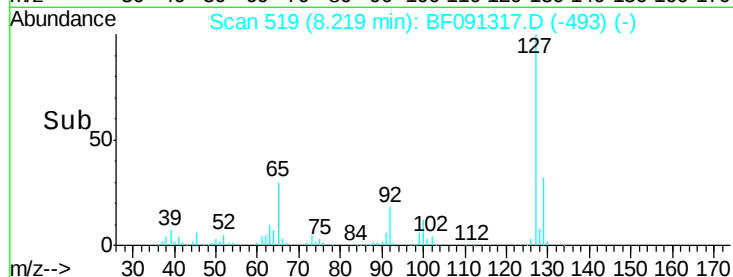
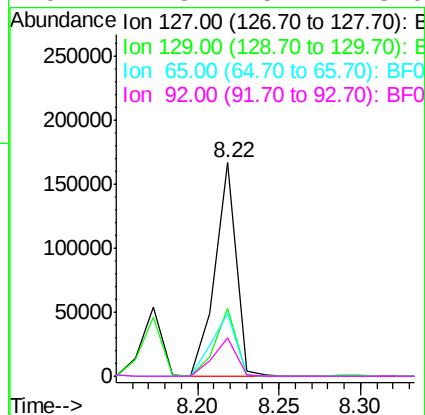
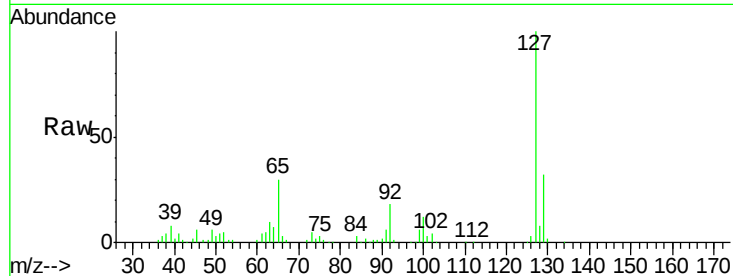




#33
4-Chloroaniline
Concen: 10.66 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

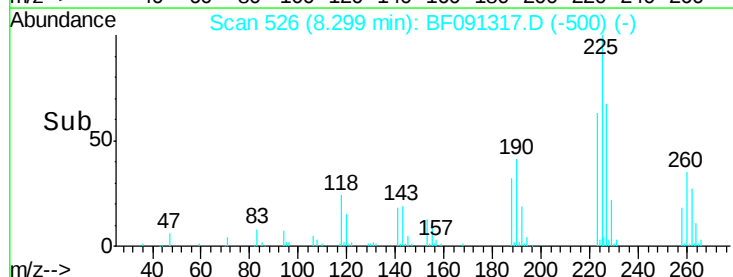
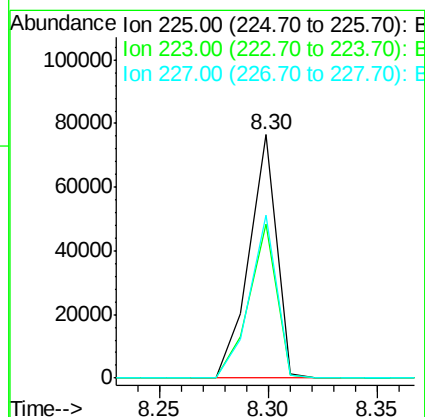
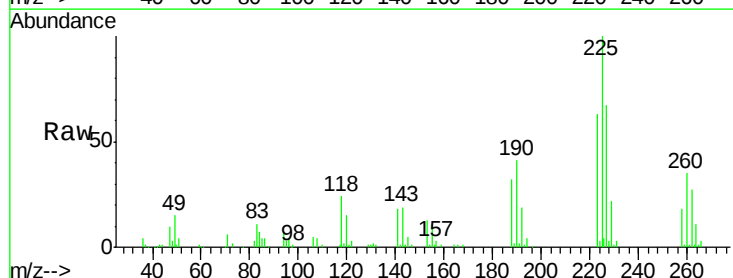
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151821
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	29.6	26.6	39.8
92	17.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 10.64 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:	225	Resp:	67410
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.8	74.6
227	67.2	52.6	79.0

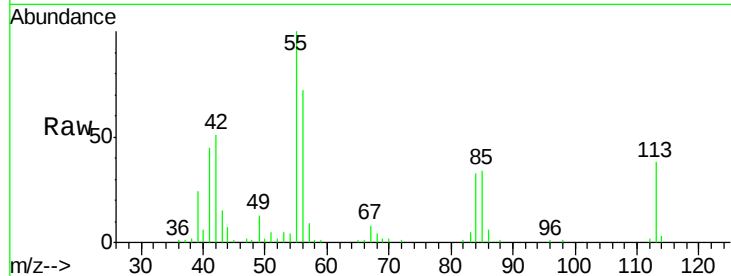




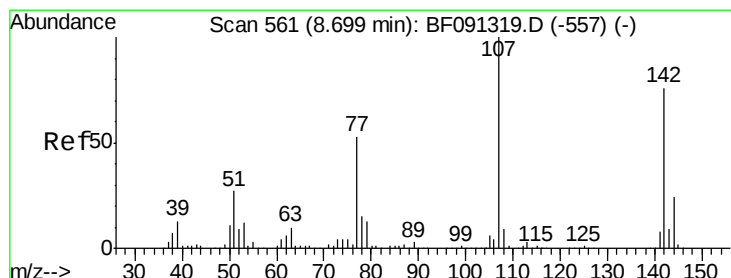
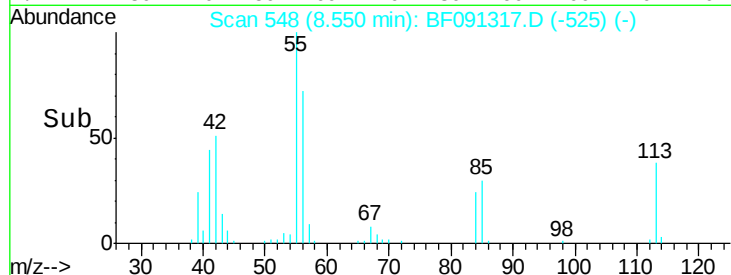
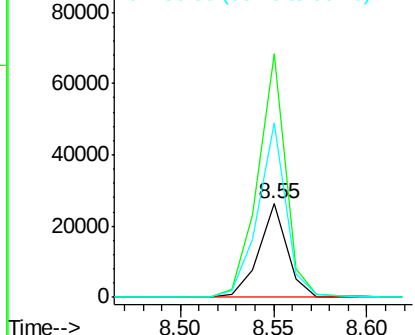
#35
 Caprolactam
 Concen: 9.48 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.03 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 27167
 Ion Ratio Lower Upper
 113 100
 55 260.2 239.8 279.8
 56 187.0 165.6 205.6

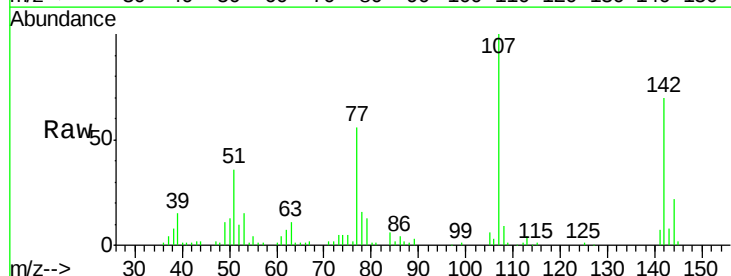


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

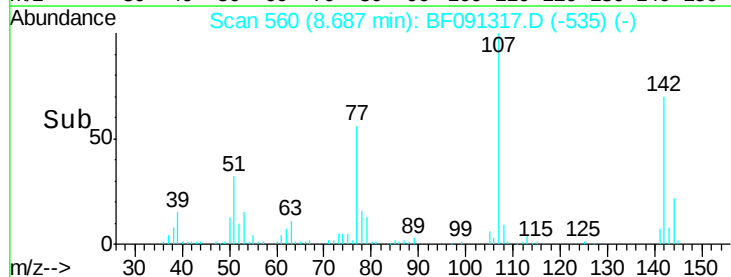
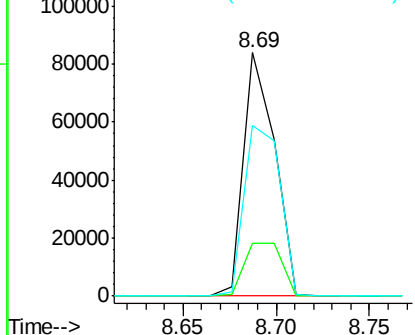


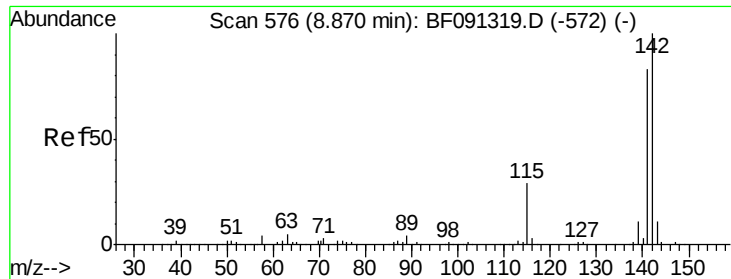
#36
 4-Chloro-3-methylphenol
 Concen: 9.73 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:107 Resp: 97296
 Ion Ratio Lower Upper
 107 100
 144 21.6 18.9 28.3
 142 69.8 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

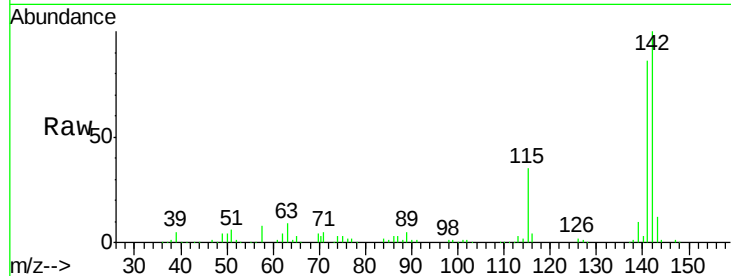




#37
 2-Methylnaphthalene
 Concen: 9.68 ng
 RT: 8.86 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.7	107.5
115	35.3	25.0	37.6

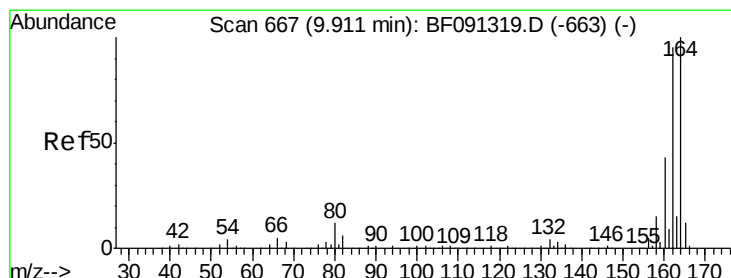
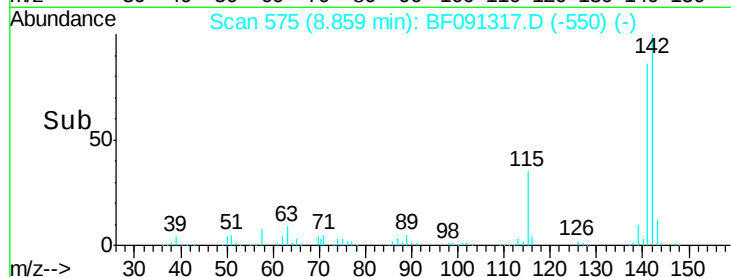
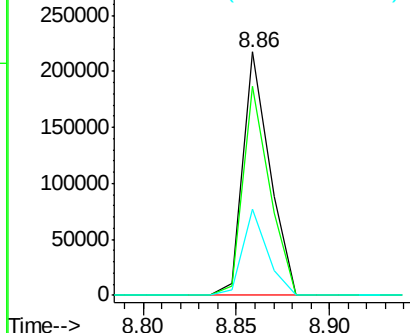


Abundance

Ion 142.00 (141.70 to 142.70): E

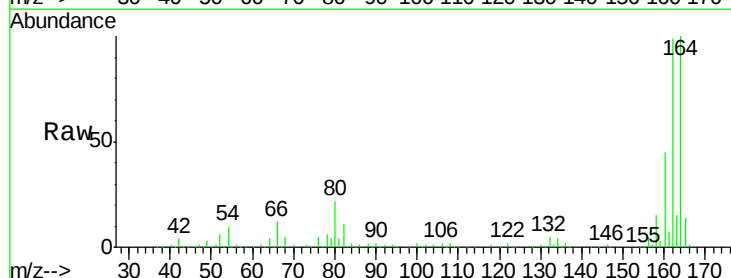
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.6	124.0
160	44.6	36.7	55.1

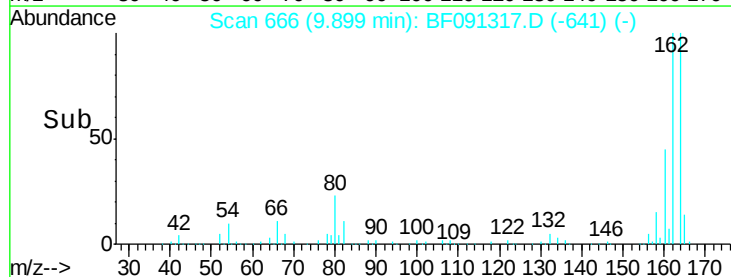
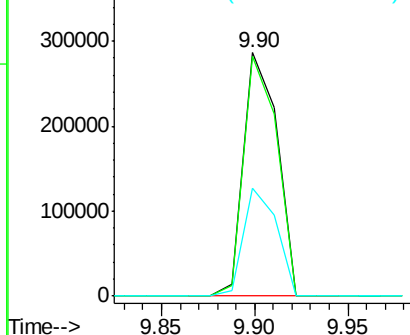


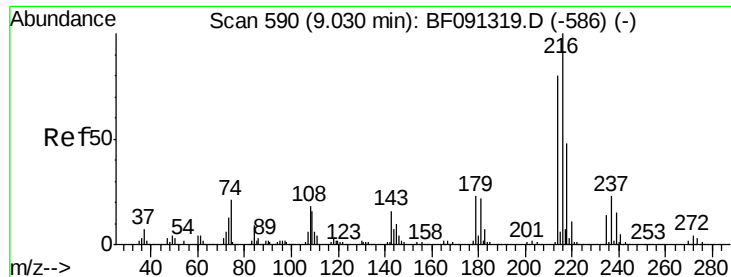
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

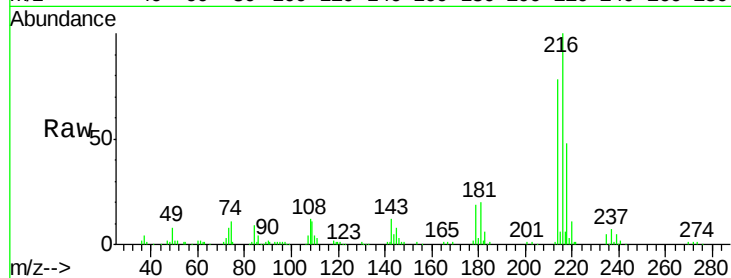




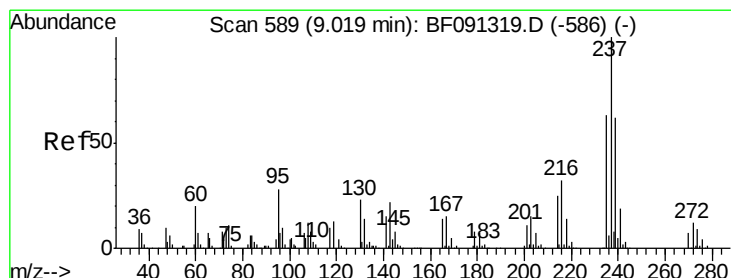
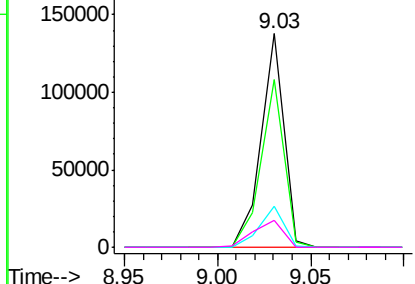
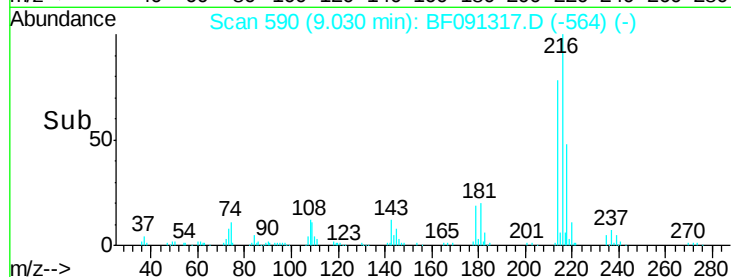
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.96 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	116215
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.8 95.8
179	20.2	18.2 27.2
108	16.5	17.2 25.8#

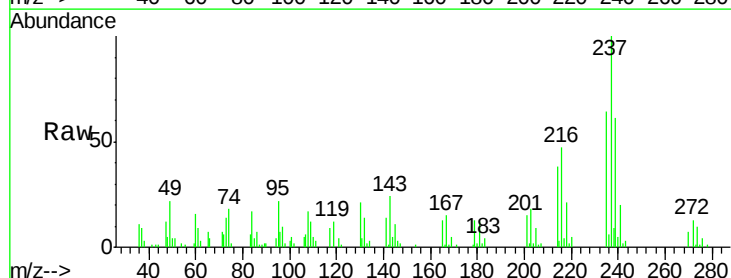


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

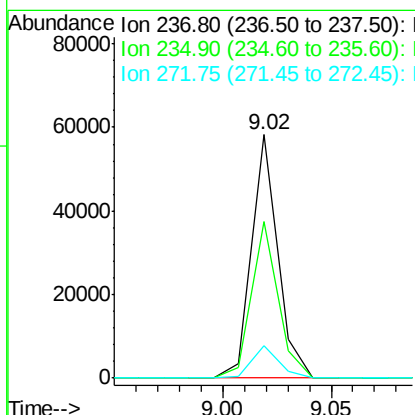
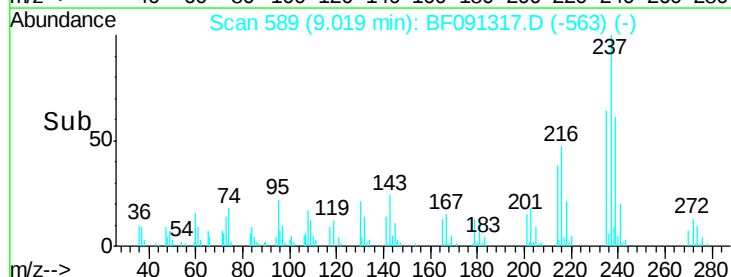


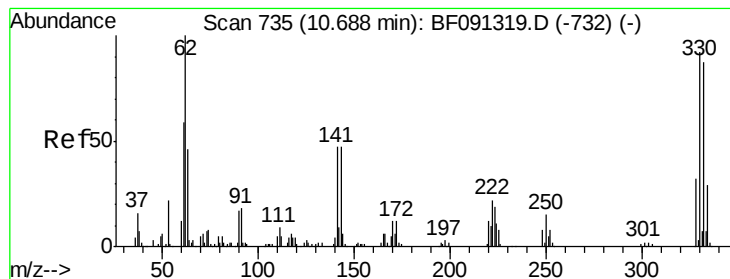
#40
 Hexachlorocyclopentadiene
 Concen: 11.18 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:237	Resp:	48641
Ion Ratio	Lower	Upper
237	100	
235	64.3	43.9 83.9
272	13.1	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: 22.82 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

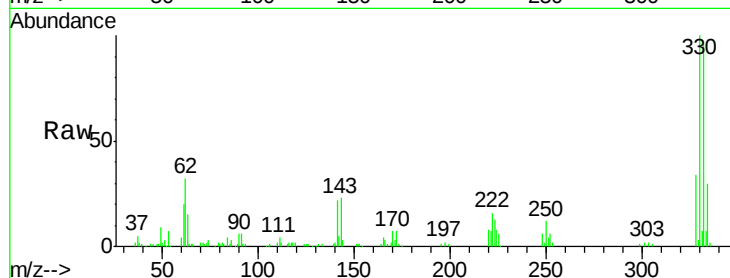
Tot Ion:330 Resp: 82533

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

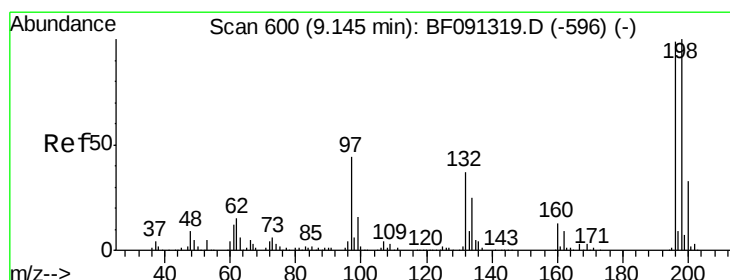
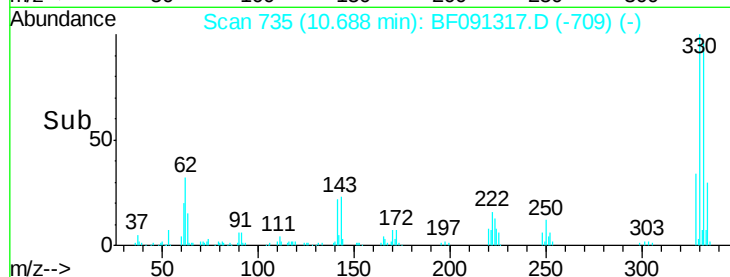
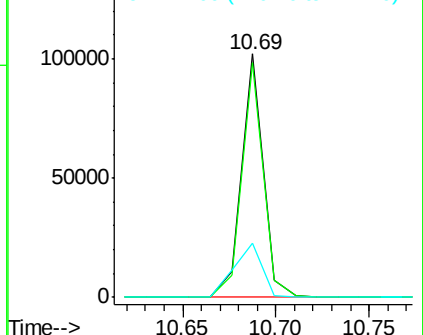
141 28.8 33.6 50.4#



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: 10.22 ng

RT: 9.13 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

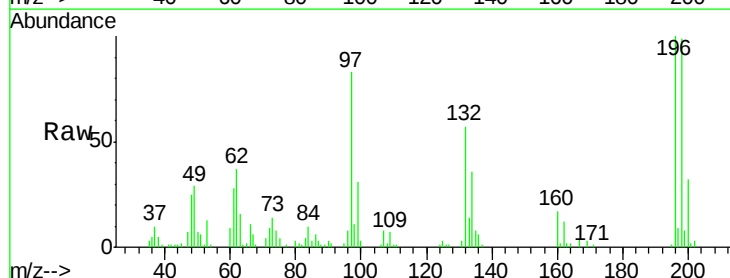
Tgt Ion:196 Resp: 68502

Ion Ratio Lower Upper

196 100

198 99.3 77.4 116.0

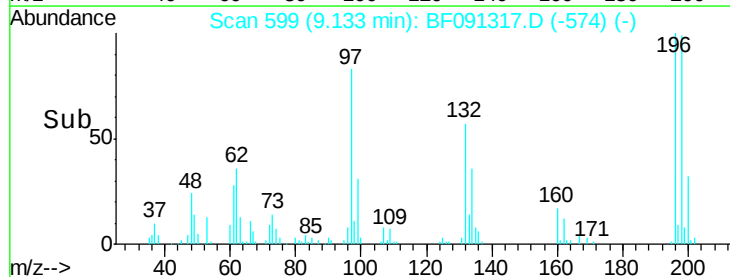
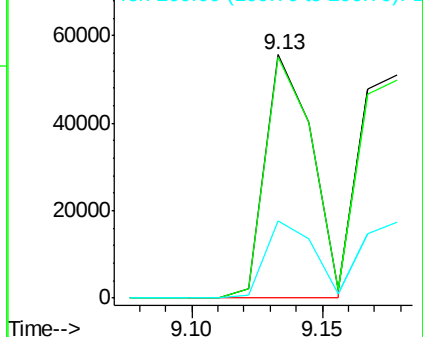
200 31.5 25.2 37.8

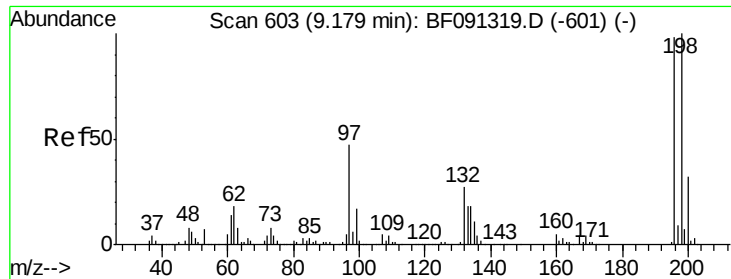


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

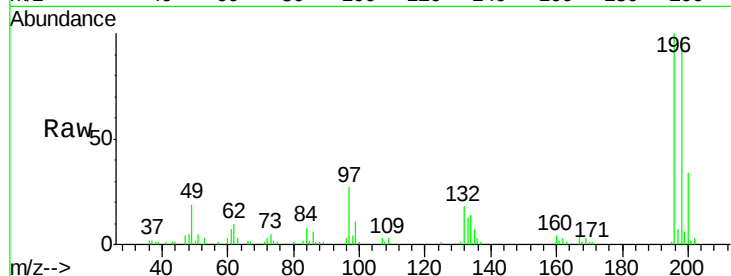




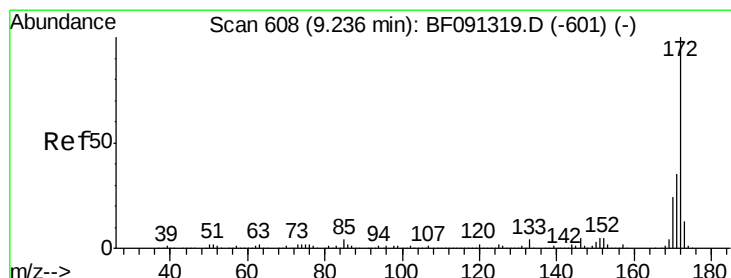
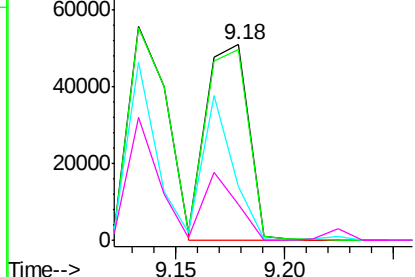
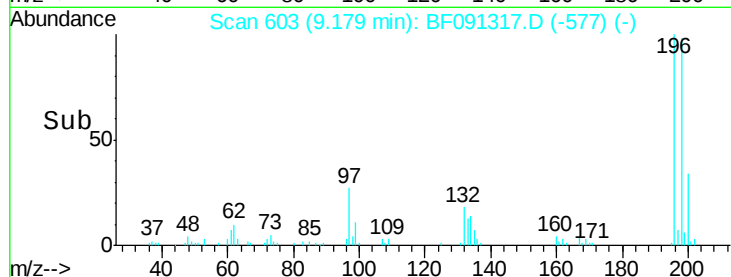
#43
 2,4,5-Trichlorophenol
 Concen: 10.70 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 68902
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.0 115.6
 97 27.3 33.5 50.3#
 132 18.3 20.5 30.7#

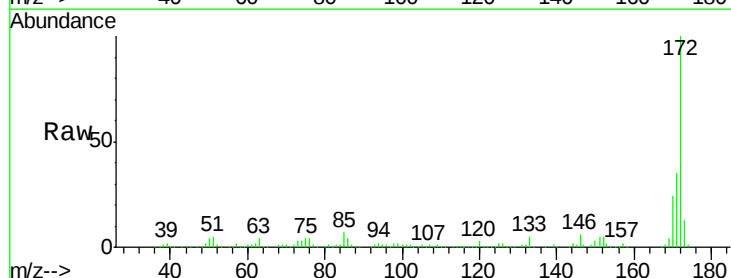


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

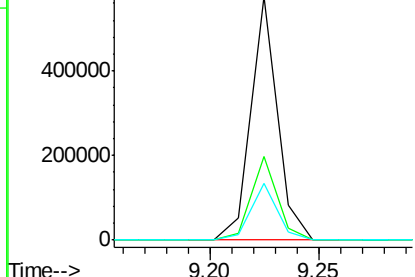
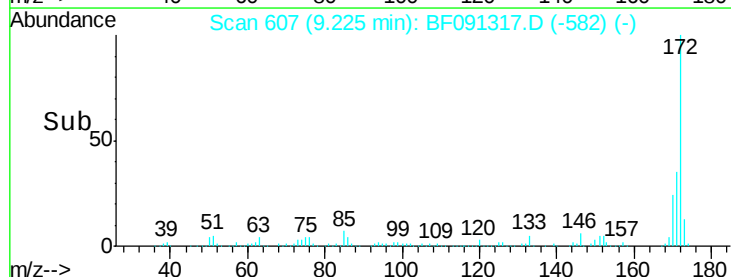


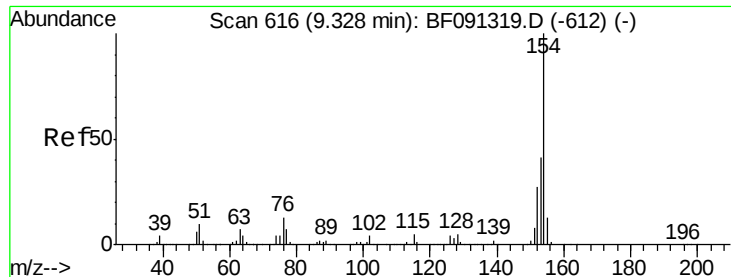
#44
 2-Fluorobiphenyl
 Concen: 22.26 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:172 Resp: 487745
 Ion Ratio Lower Upper
 172 100
 171 34.6 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

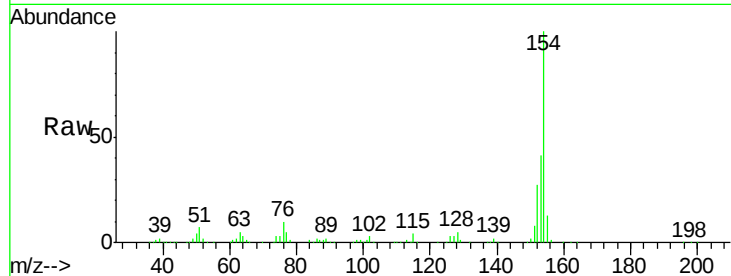




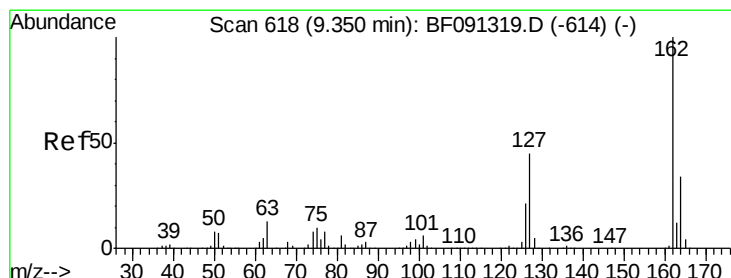
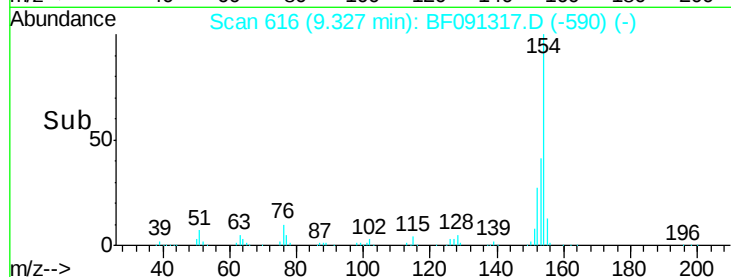
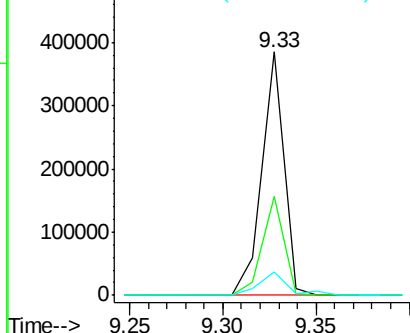
#45
 1,1'-Biphenyl
 Concen: 12.04 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 311483
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 9.7 0.0 36.6

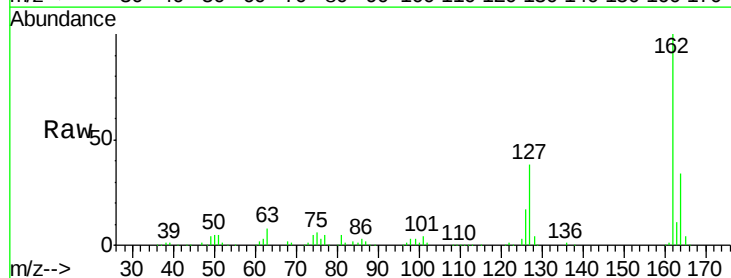


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

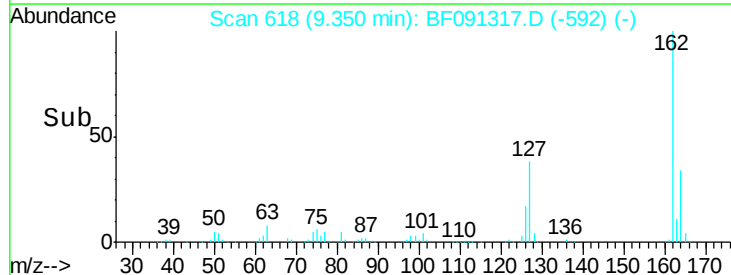
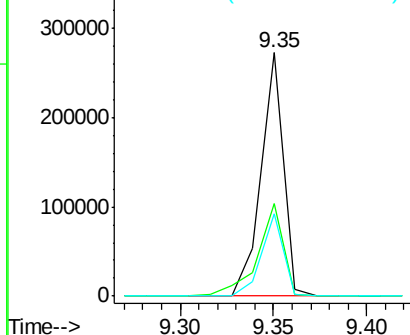


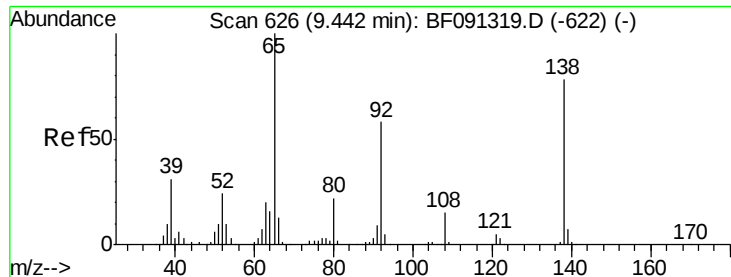
#46
 2-Chloronaphthalene
 Concen: 12.13 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:162 Resp: 229742
 Ion Ratio Lower Upper
 162 100
 127 38.0 34.3 51.5
 164 33.6 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

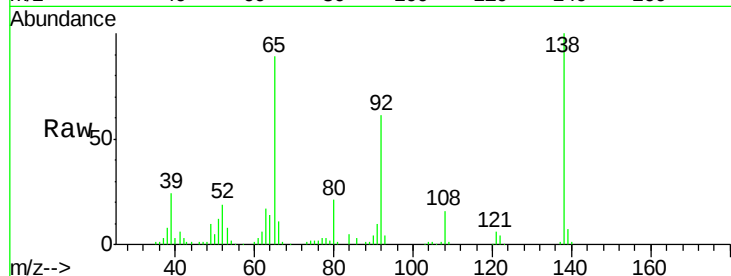




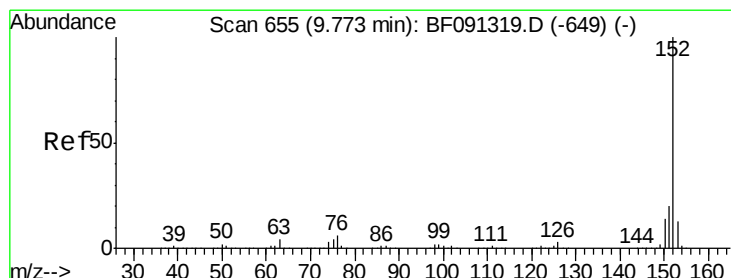
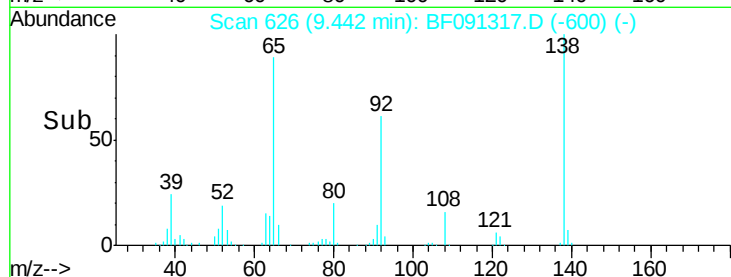
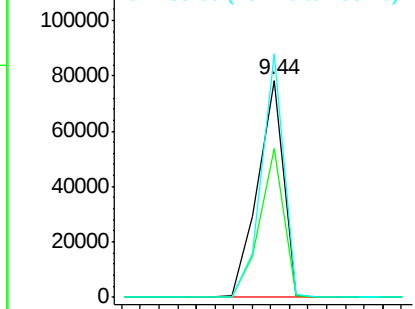
#47
2-Nitroaniline
Concen: 11.60 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 74598
Ion Ratio Lower Upper
65 100
92 68.7 53.6 80.4
138 112.3 91.0 136.6

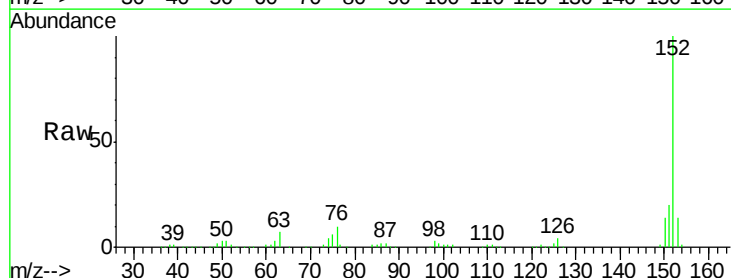


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

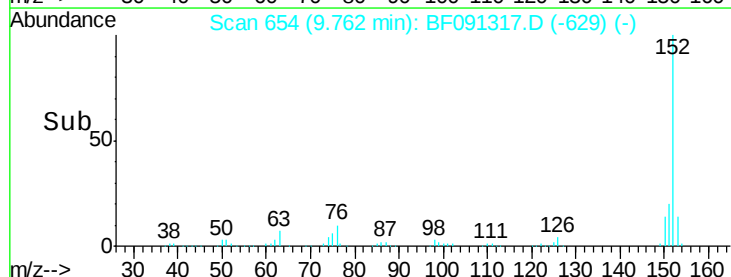
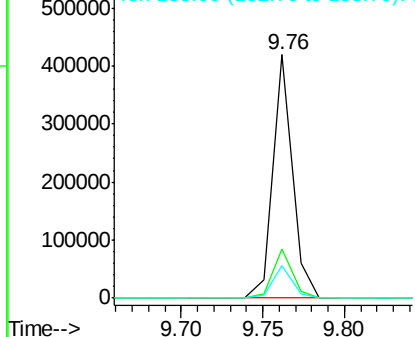


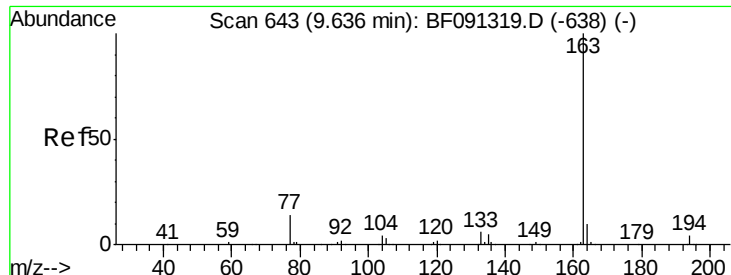
#48
Acenaphthylene
Concen: 11.56 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion: 152 Resp: 350866
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.6 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

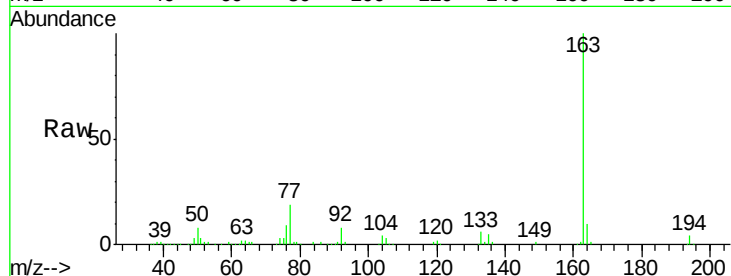




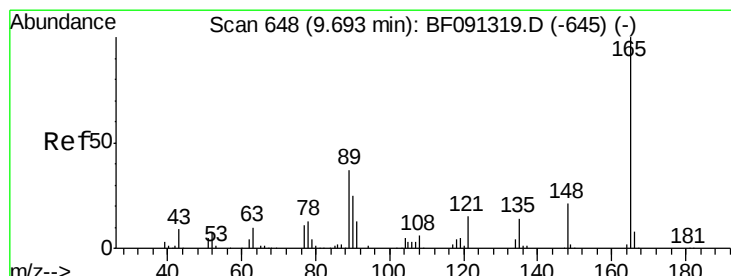
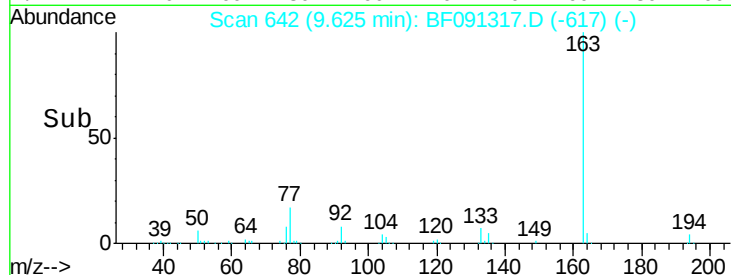
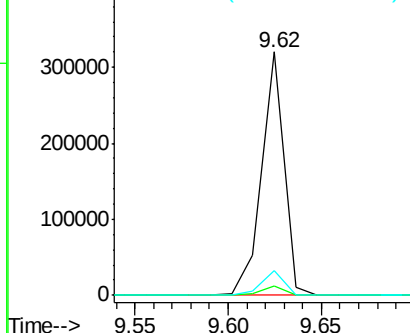
#49
Dimethylphthalate
Concen: 11.77 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 263574
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 7.8 11.8

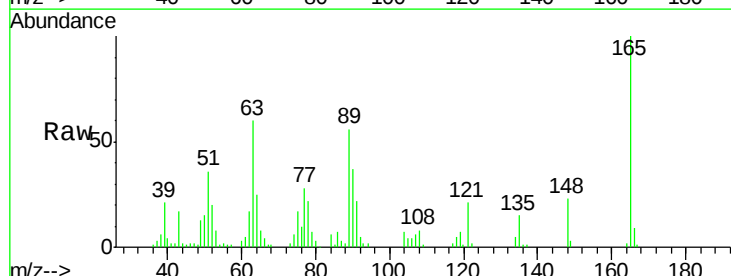


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

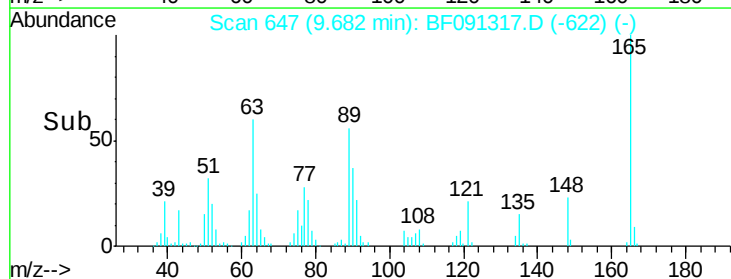
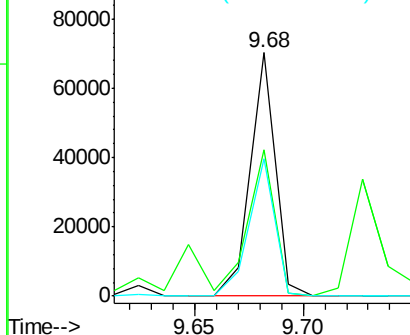


#50
2,6-Dinitrotoluene
Concen: 11.48 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:165 Resp: 56154
Ion Ratio Lower Upper
165 100
63 59.9 59.4 89.0
89 56.4 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

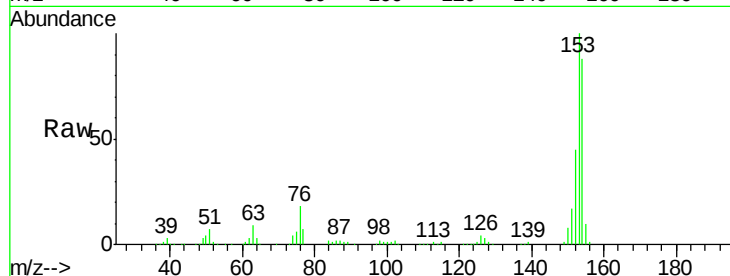




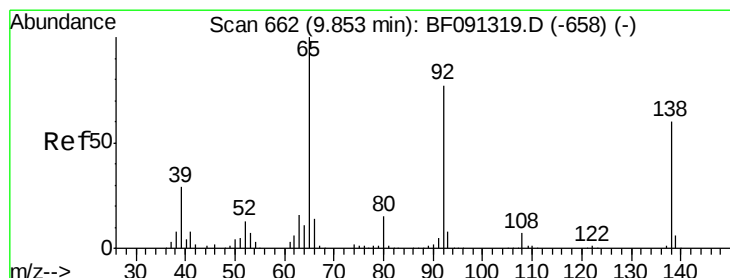
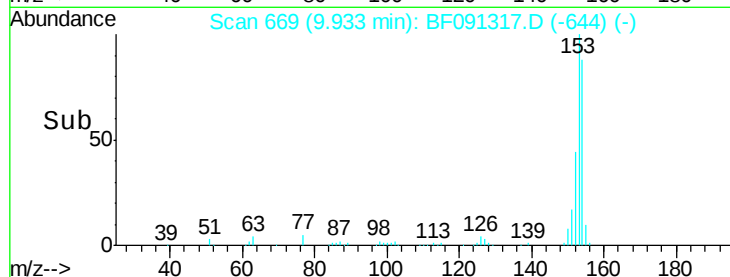
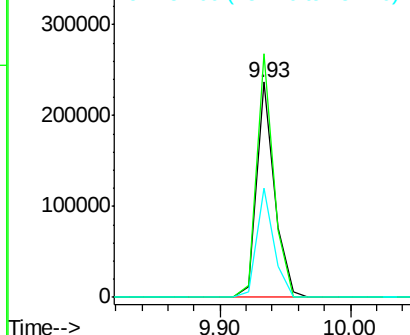
#51
Acenaphthene
Concen: 11.05 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 228368
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.6
152 50.6 44.2 66.2

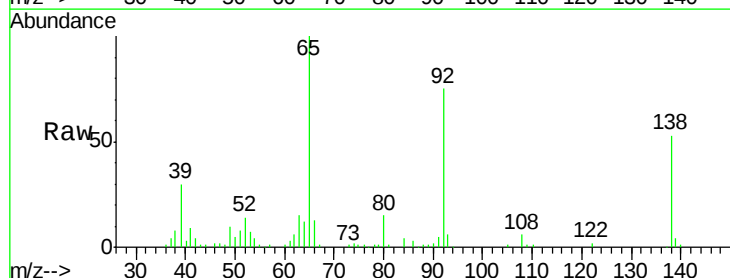


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

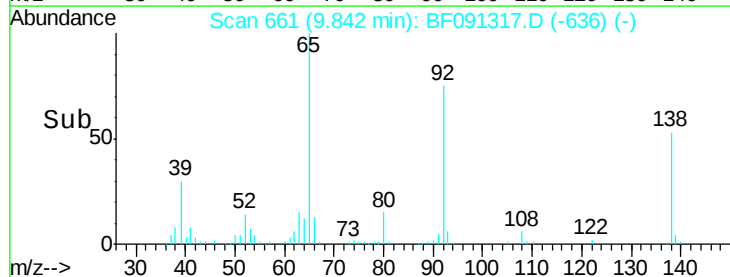
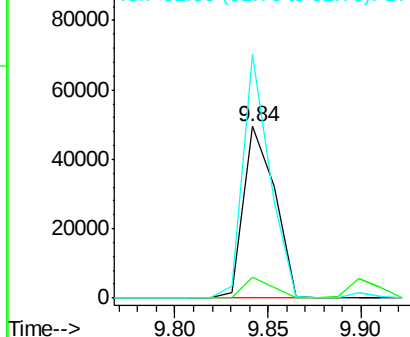


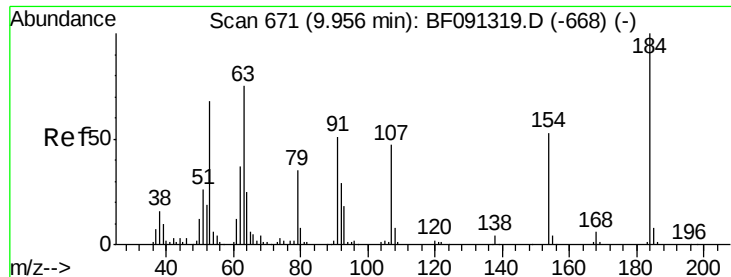
#52
3-Nitroaniline
Concen: 10.92 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:138 Resp: 57443
Ion Ratio Lower Upper
138 100
108 12.3 8.1 12.1#
92 141.7 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

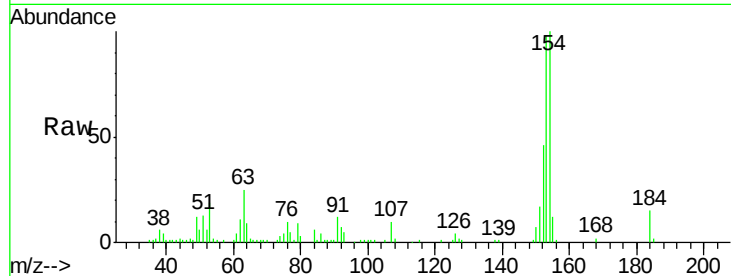




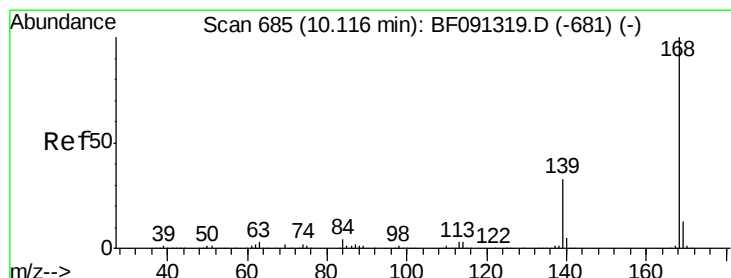
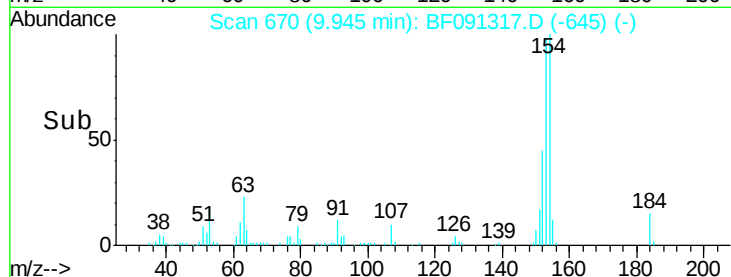
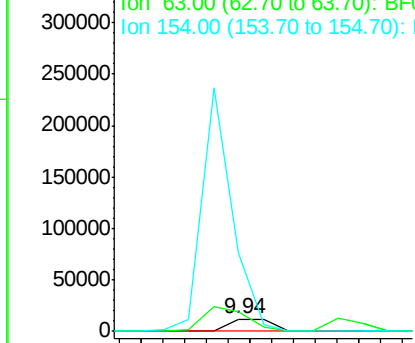
#53
 2,4-Dinitrophenol
 Concen: 9.08 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 16119
 Ion Ratio Lower Upper
 184 100
 63 161.5 58.3 87.5#
 154 647.5 48.6 73.0#

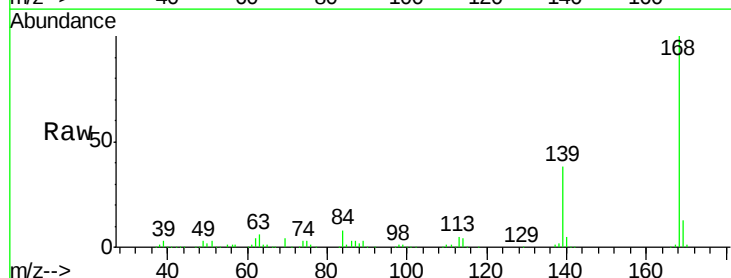


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

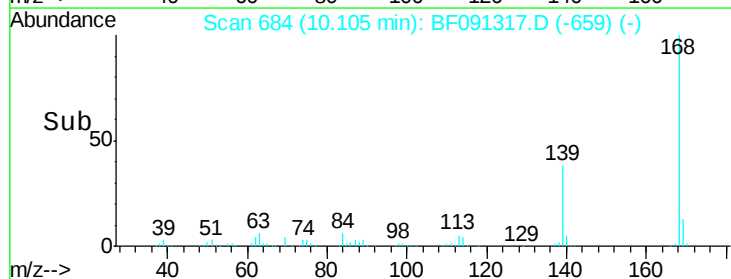
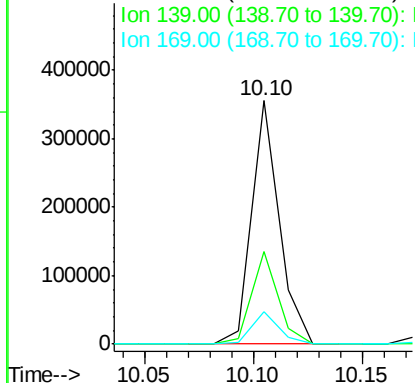


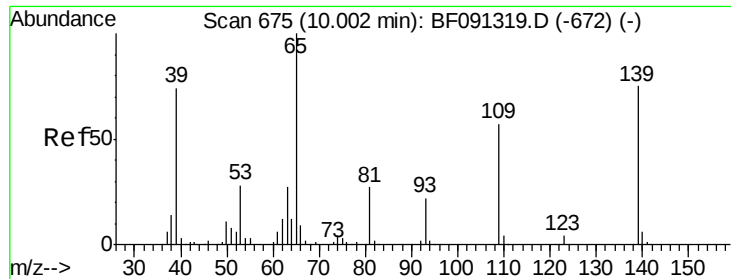
#54
 Dibenzofuran
 Concen: 10.71 ng
 RT: 10.10 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:168 Resp: 311357
 Ion Ratio Lower Upper
 168 100
 139 37.8 33.4 50.2
 169 13.2 11.1 16.7



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

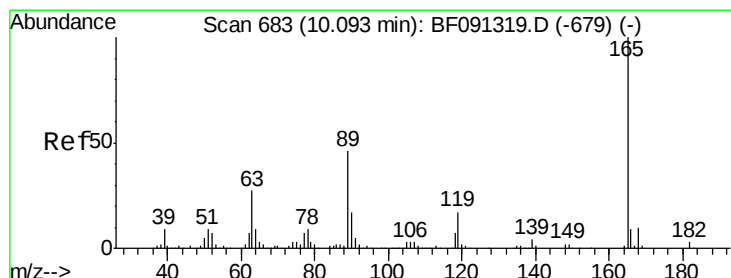
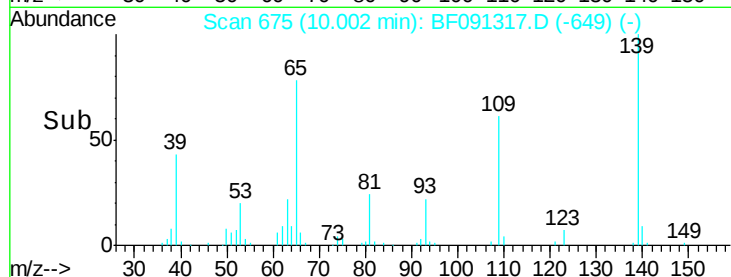
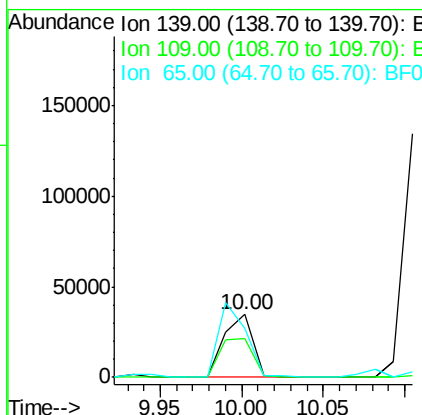
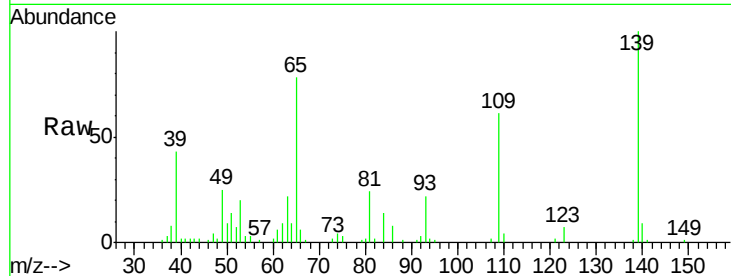




#55
4-Nitrophenol
Concen: 11.06 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

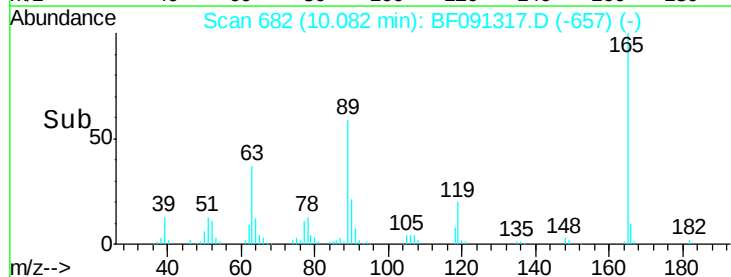
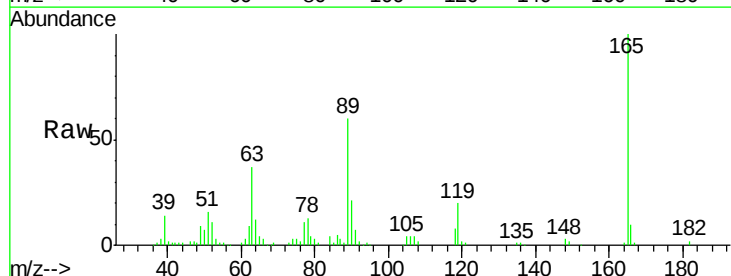
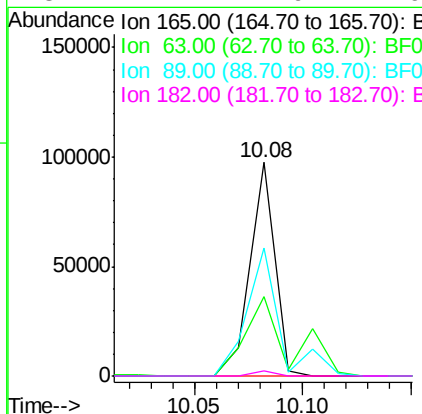
Instrument :
BNA_F
ClientSampleId :

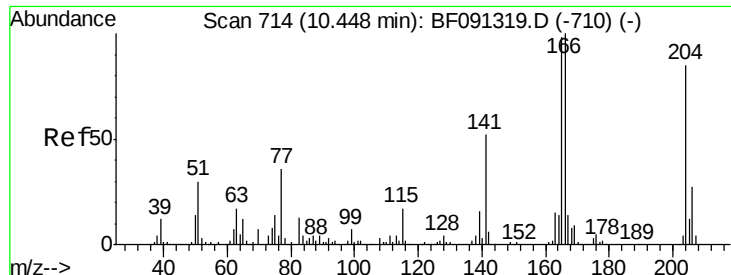
Tot Ion:139 Resp: 41945
Ion Ratio Lower Upper
139 100
109 61.0 54.9 94.9
65 77.7 102.2 142.2#



#56
2,4-Dinitrotoluene
Concen: 12.49 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:165 Resp: 77300
Ion Ratio Lower Upper
165 100
63 37.4 29.0 43.4
89 59.9 43.1 64.7
182 2.4 1.9 2.9

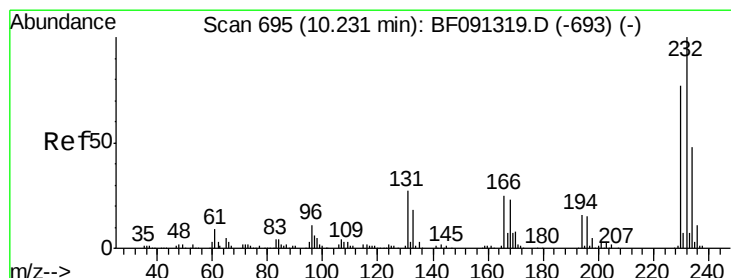
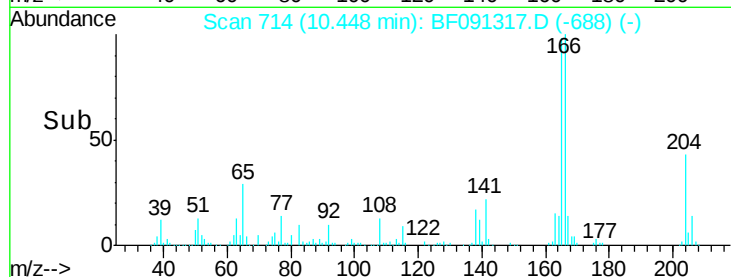
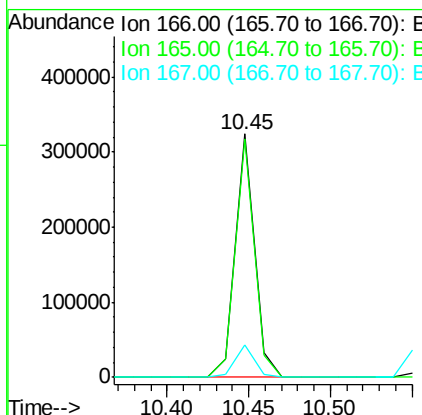
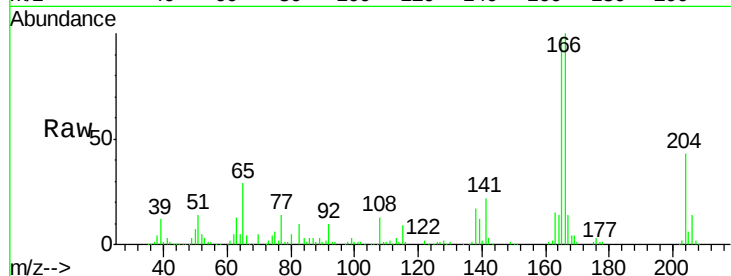




#57
Fluorene
 Concen: 11.82 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

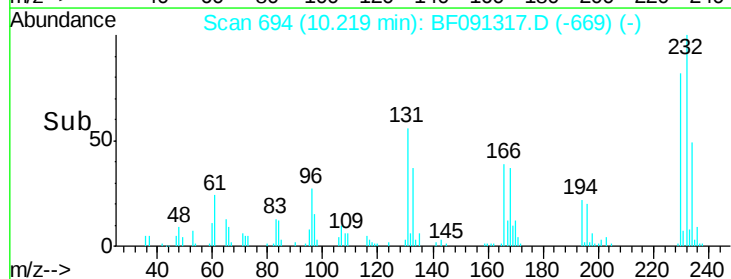
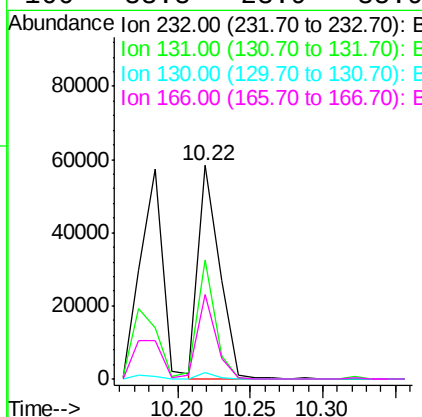
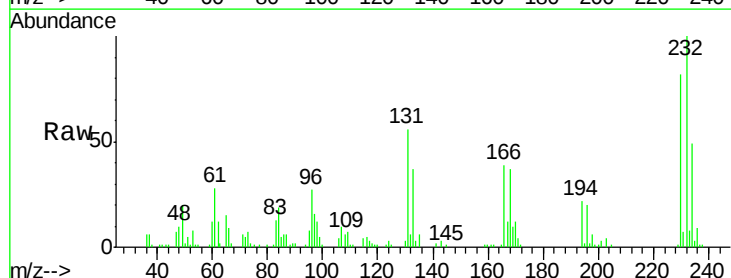
Instrument :
 BNA_F
 ClientSampleId :

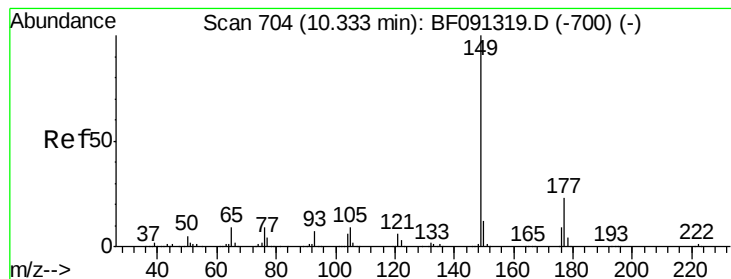
Tot Ion:166 Resp: 262905
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.0 120.0
 167 13.6 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 10.63 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:232 Resp: 60200
 Ion Ratio Lower Upper
 232 100
 131 46.6 38.4 57.6
 130 2.4 1.8 2.8
 166 33.8 23.9 35.9





#59

Diethylphthalate

Concen: 10.68 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

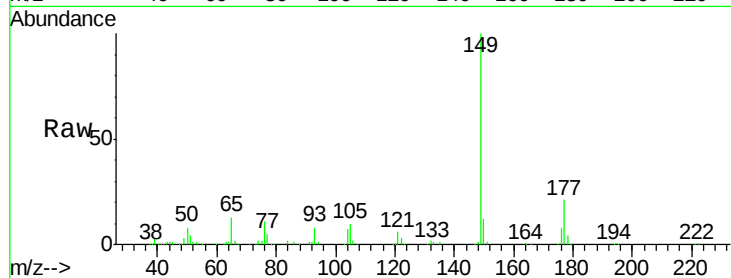
Tot Ion:149 Resp: 240777

Ion Ratio Lower Upper

149 100

177 21.1 15.7 23.5

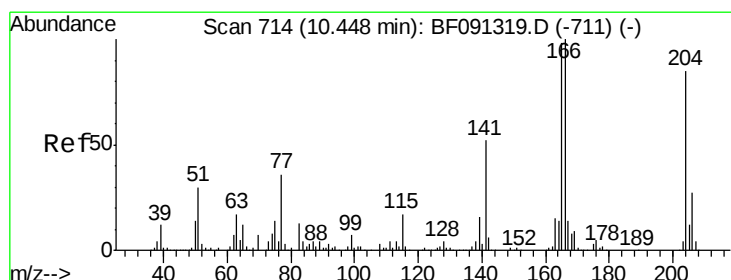
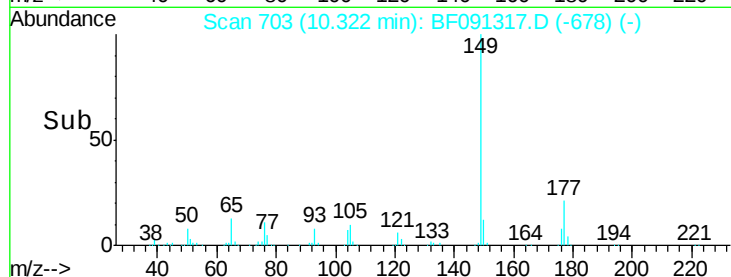
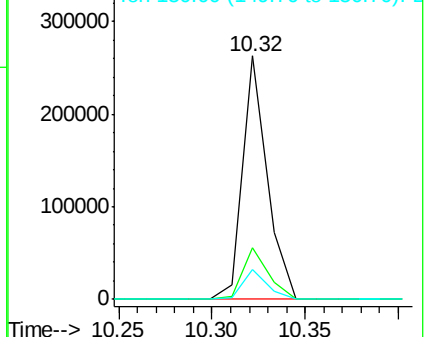
150 12.4 10.2 15.2



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: 11.77 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

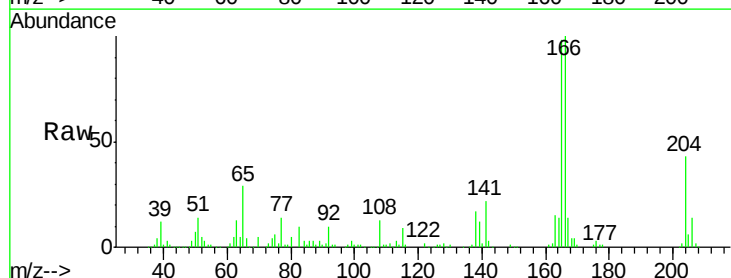
Tgt Ion:204 Resp: 120612

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

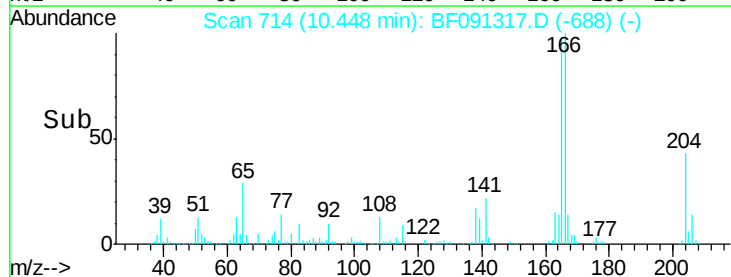
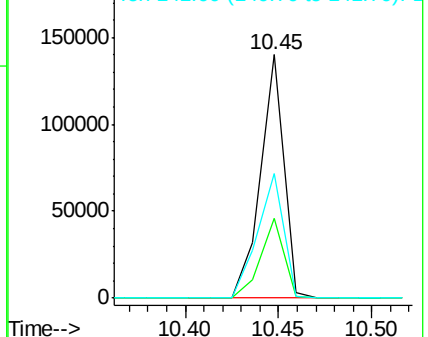
141 51.3 40.6 61.0

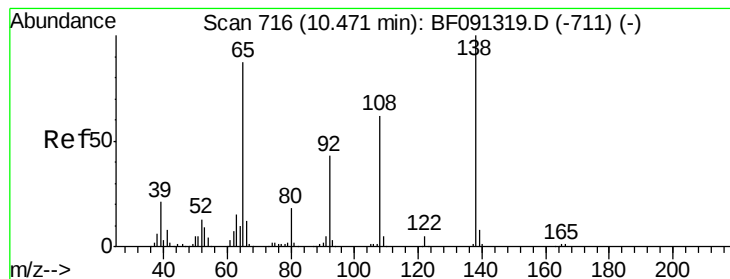


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 11.16 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

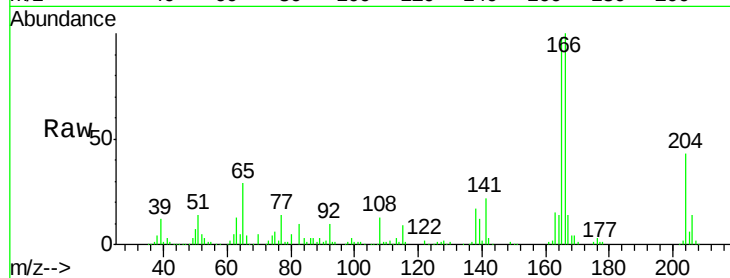
Tot Ion:138 Resp: 54789

Ion Ratio Lower Upper

138 100

92 57.0 26.9 66.9

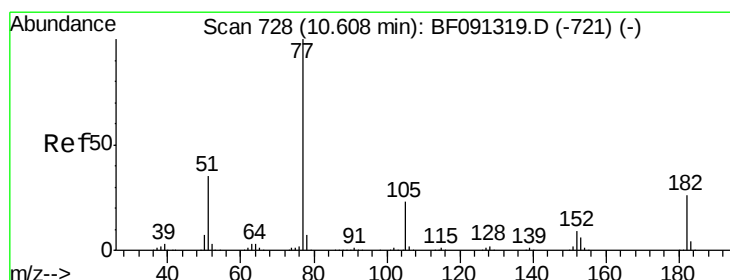
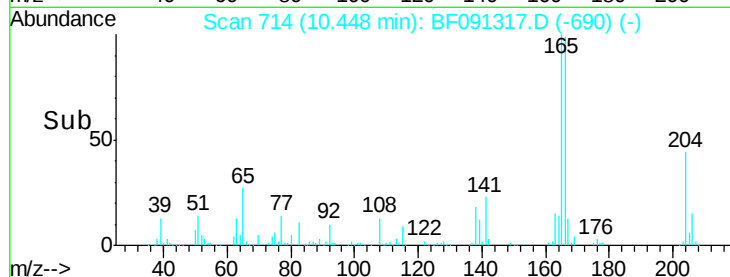
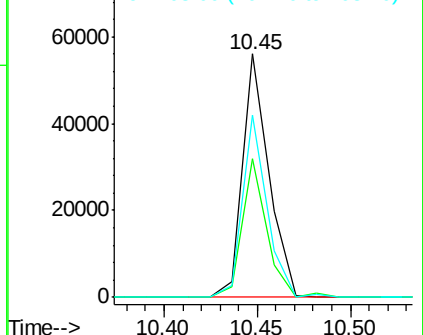
108 74.6 49.1 89.1



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: 9.70 ng

RT: 10.60 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Tgt Ion: 77 Resp: 221793

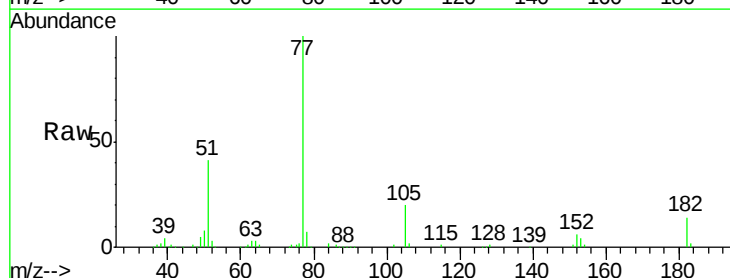
Ion Ratio Lower Upper

77 100

182 14.3 12.5 52.5

105 20.3 3.7 43.7

51 40.8 11.9 51.9

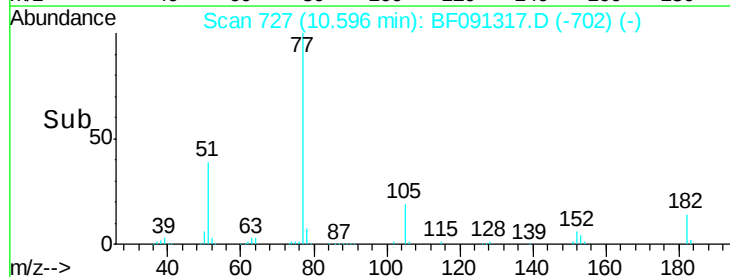
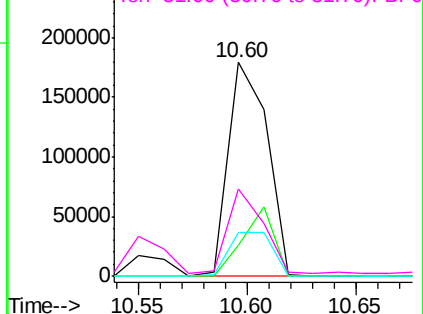


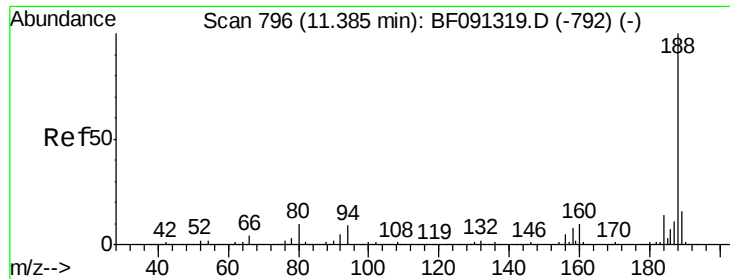
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

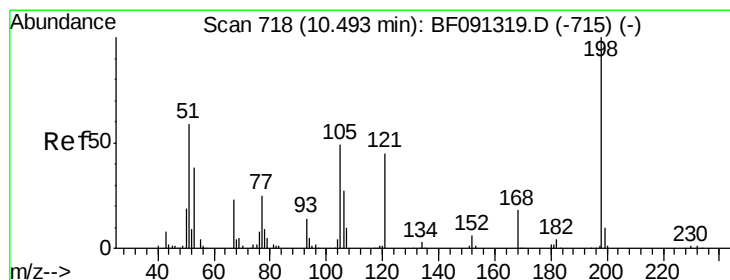
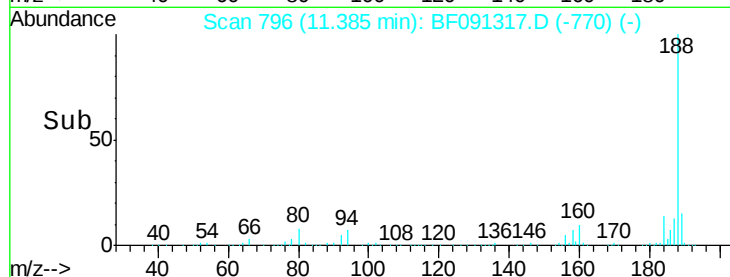
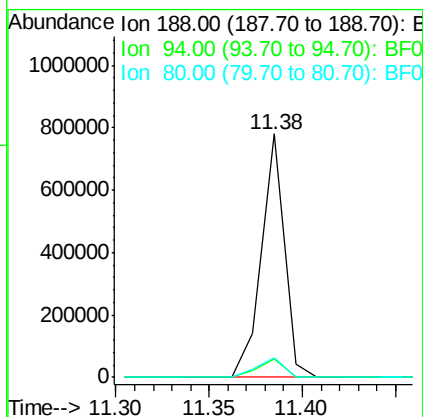
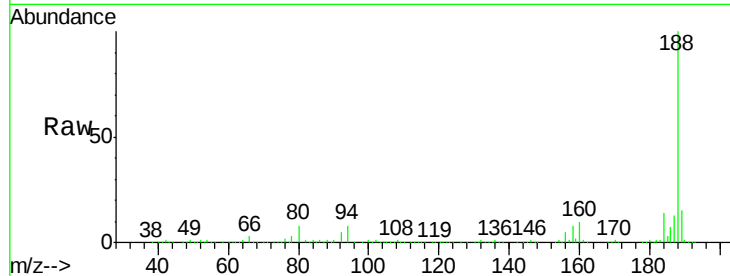




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

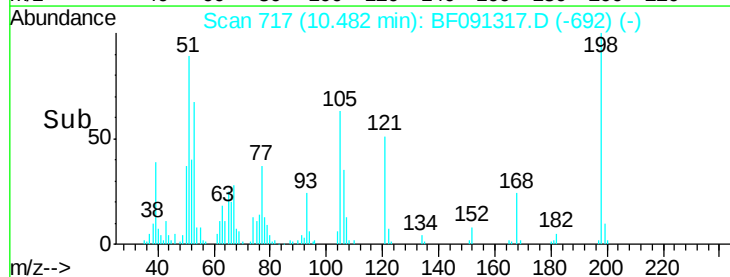
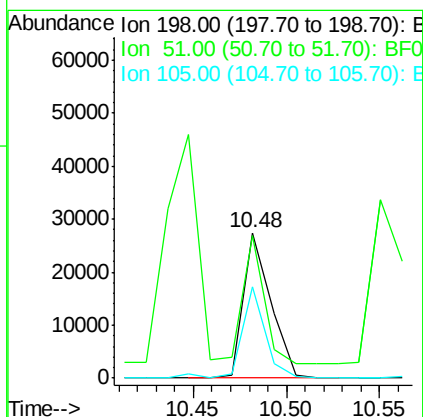
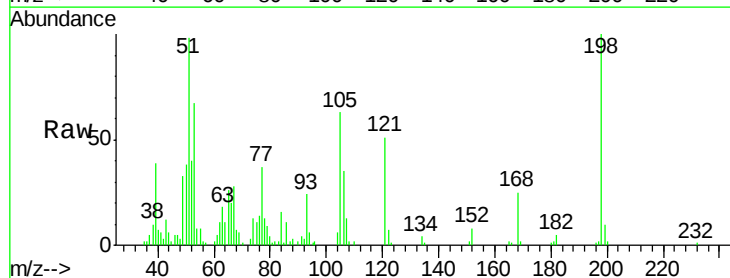
Instrument :
 BNA_F
 ClientSampled :

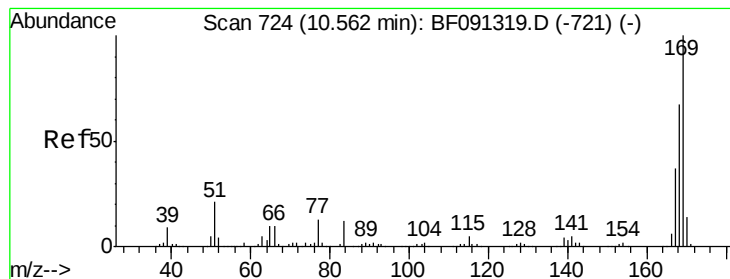
Tot Ion:188 Resp: 662281
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.2 13.8#
 80 8.3 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.31 ng
 RT: 10.48 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:198 Resp: 27949
 Ion Ratio Lower Upper
 198 100
 51 98.0 77.1 117.1
 105 62.6 44.8 84.8

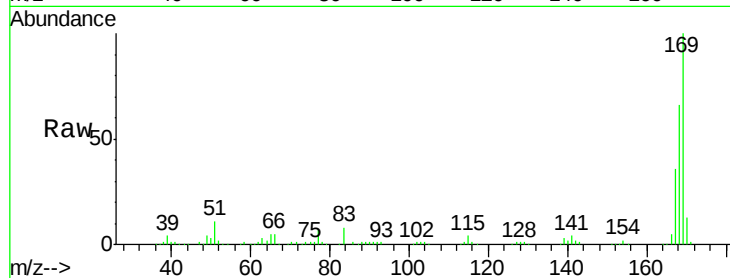




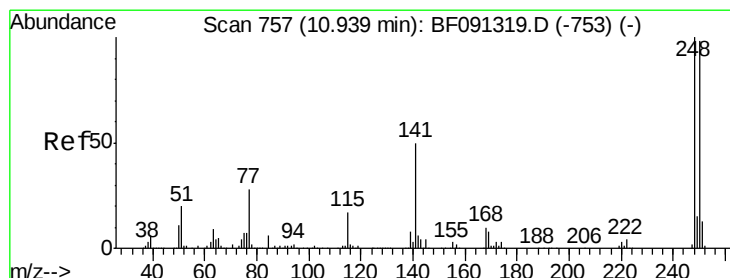
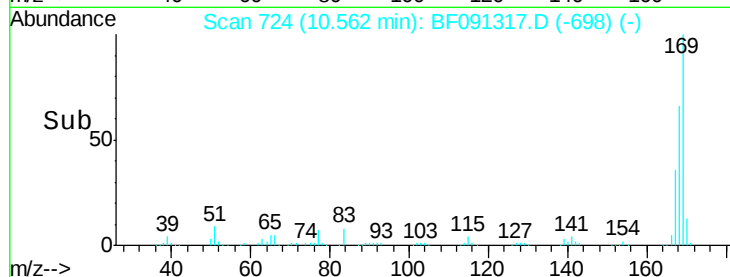
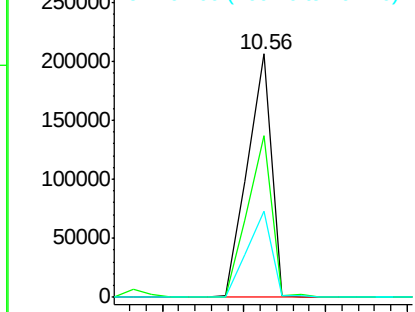
#65
n-Nitrosodiphenylamine
Concen: 10.50 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 211205
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 35.6 29.8 44.8

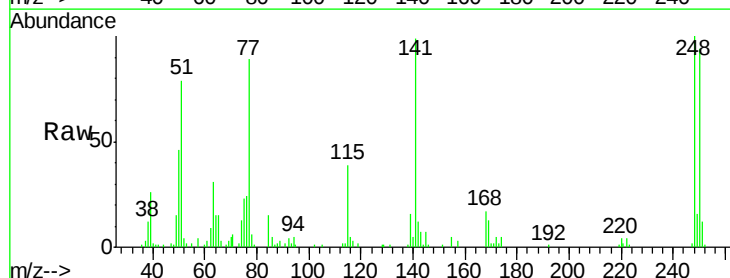


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

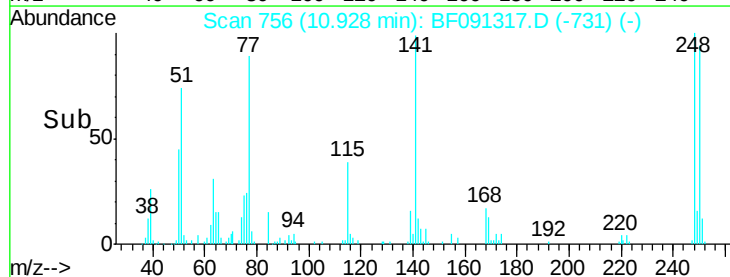
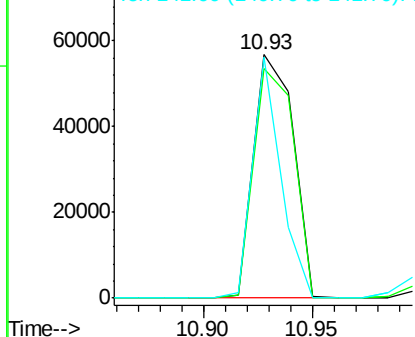


#66
4-Bromophenyl-phenylether
Concen: 10.05 ng
RT: 10.93 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:248 Resp: 72758
Ion Ratio Lower Upper
248 100
250 94.2 78.2 117.4
141 98.9 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

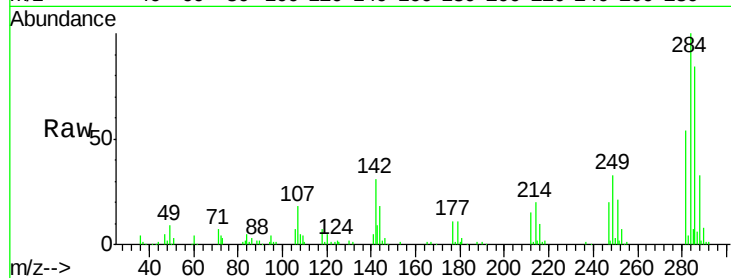




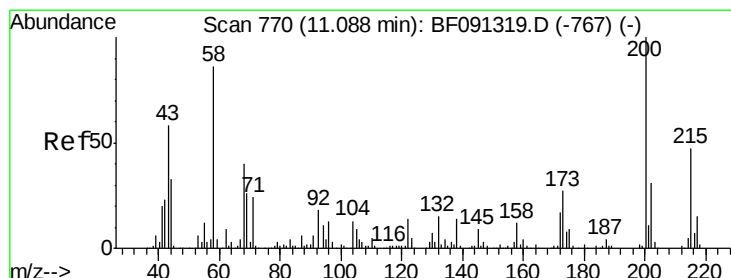
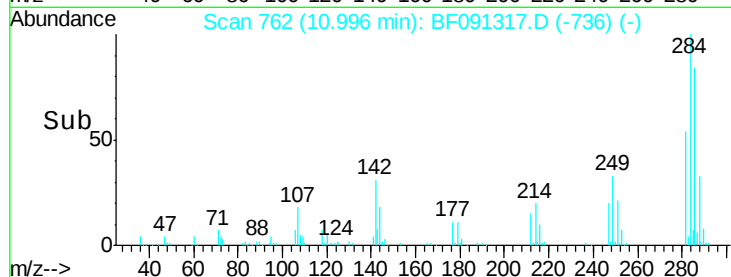
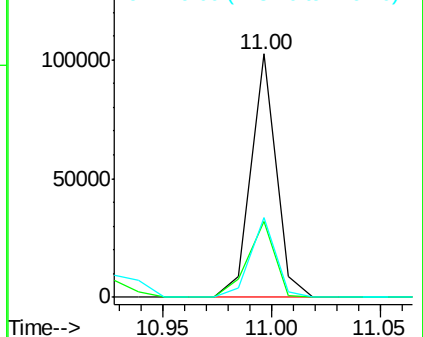
#67
Hexachlorobenzene
Concen: 10.38 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 82387
Ion Ratio Lower Upper
284 100
142 31.0 17.9 26.9#
249 32.6 23.6 35.4

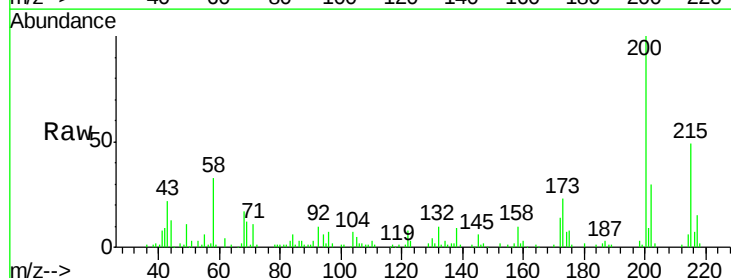


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

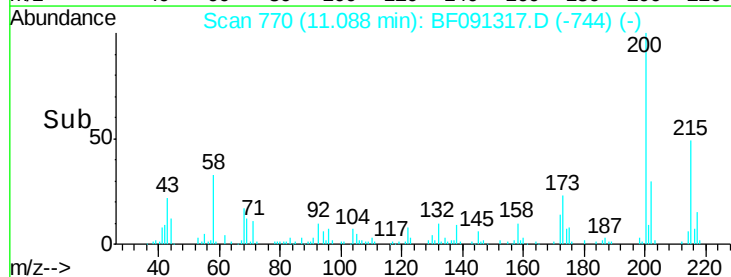
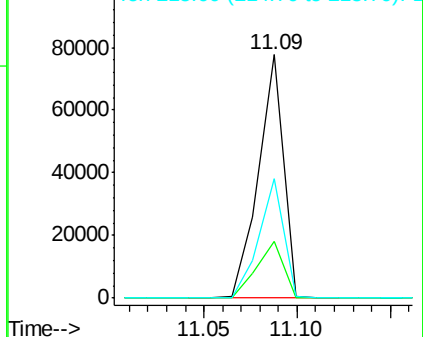


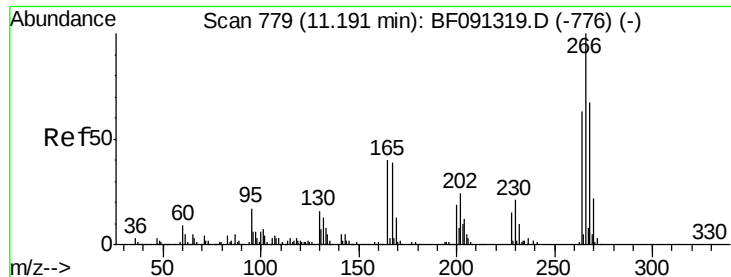
#68
Atrazine
Concen: 13.52 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:200 Resp: 71780
Ion Ratio Lower Upper
200 100
173 23.2 7.8 47.8
215 49.0 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

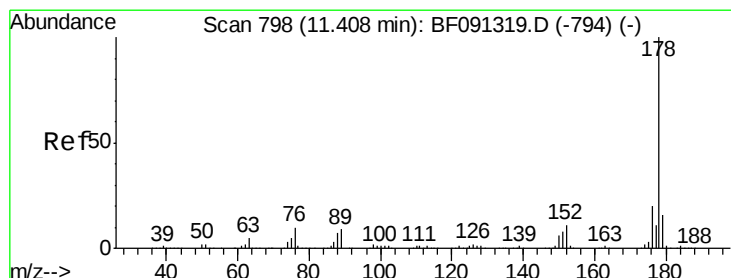
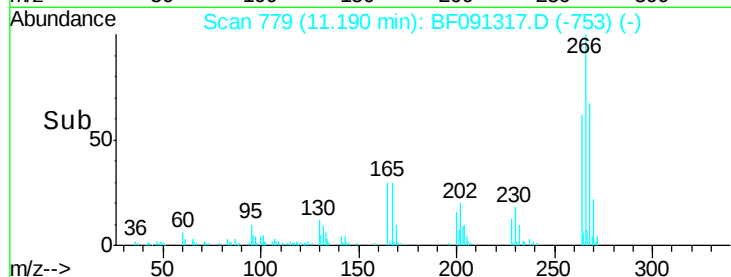
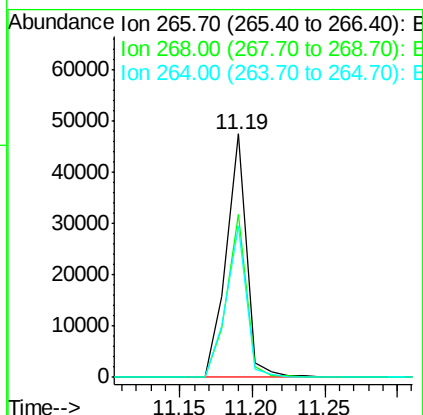
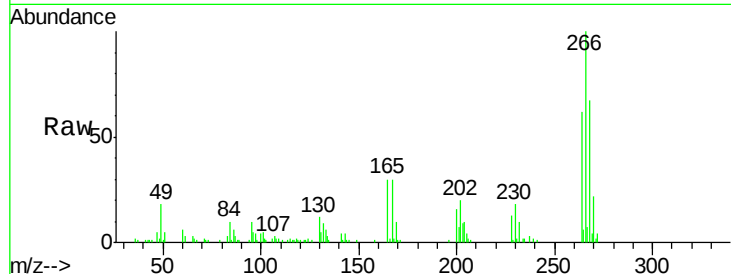




#69
 Pentachlorophenol
 Concen: 9.94 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

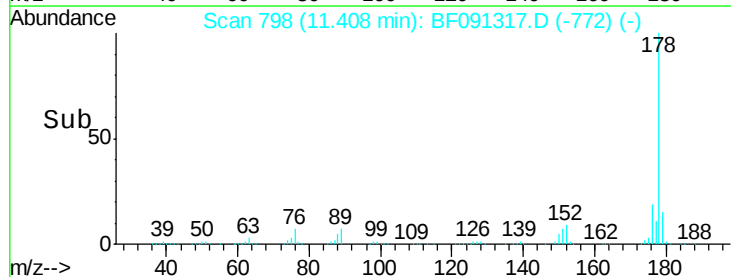
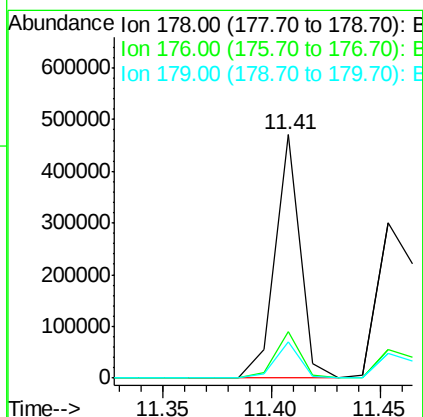
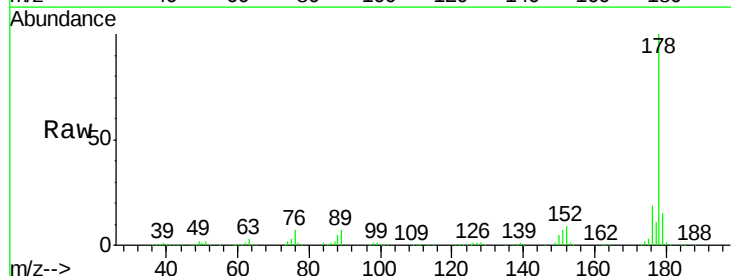
Instrument :
 BNA_F
 ClientSampleId :

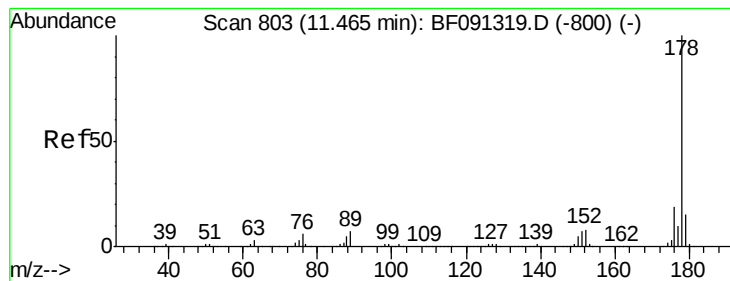
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.3	75.5
264	62.1	48.2	72.2



#70
 Phenanthrene
 Concen: 11.11 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	14.7	12.6	18.8





#71

Anthracene

Concen: 10.35 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

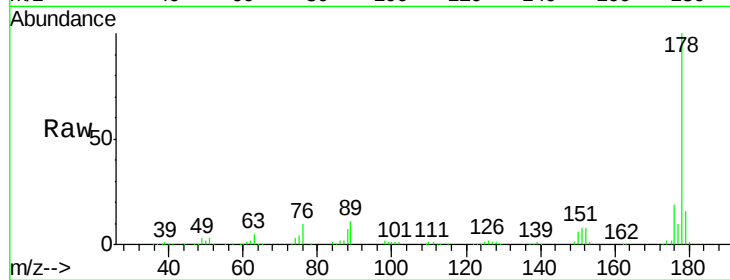
Tot Ion:178 Resp: 363635

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.6

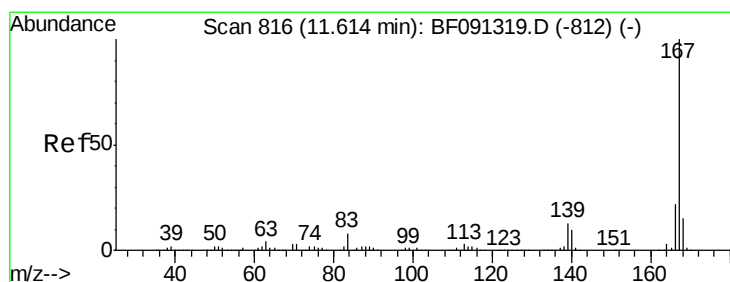
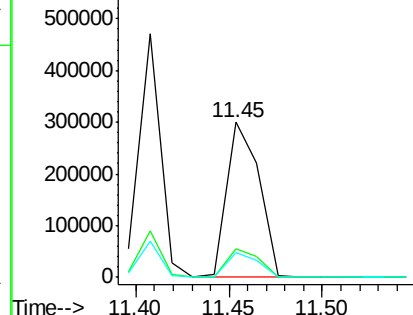
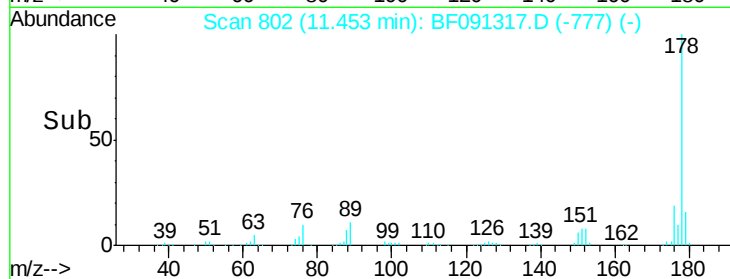
179 15.8 12.7 19.1



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: 11.50 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

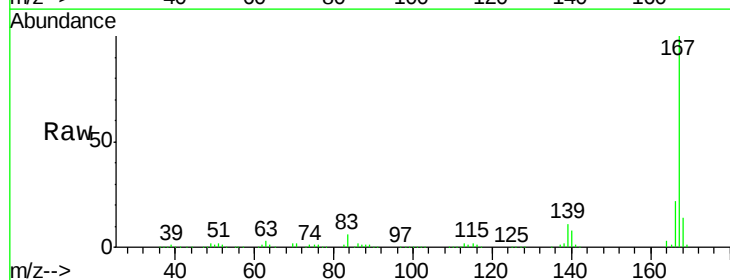
Tgt Ion:167 Resp: 359414

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

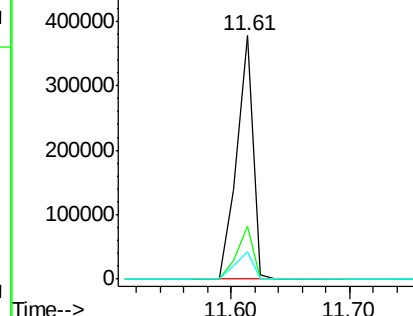
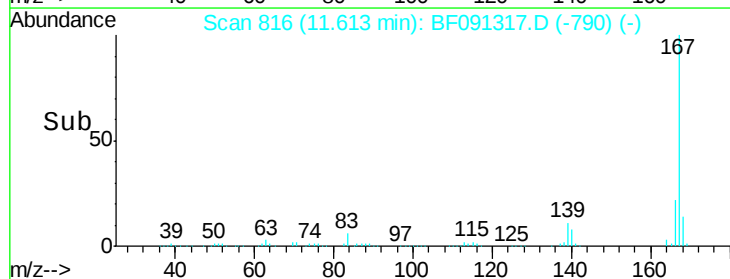
139 11.4 11.5 17.3#

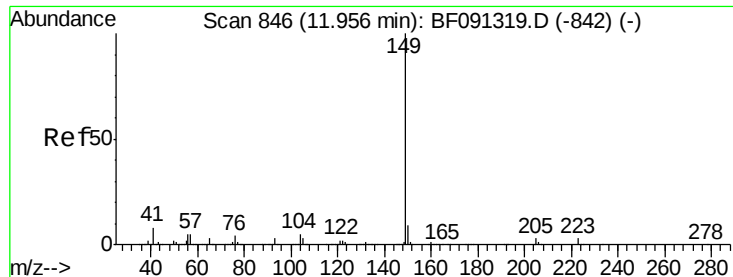


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 10.88 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampled :

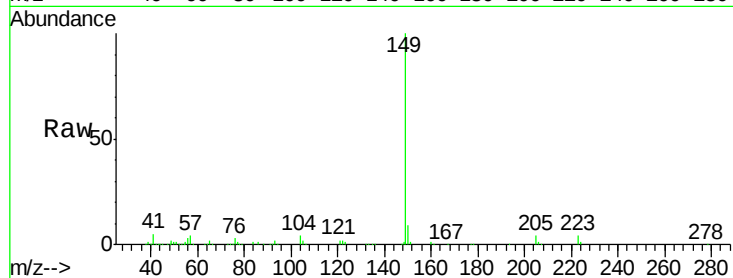
Tot Ion:149 Resp: 393769

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

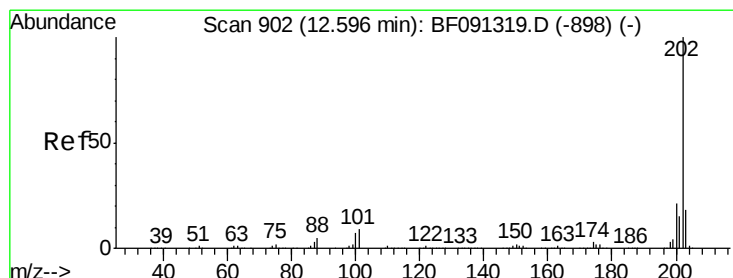
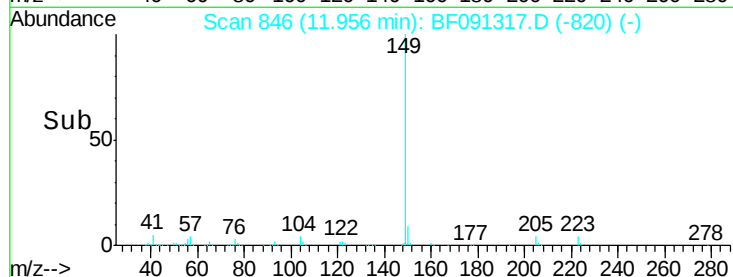
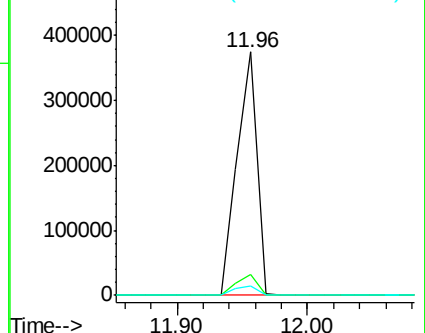
104 3.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 10.92 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

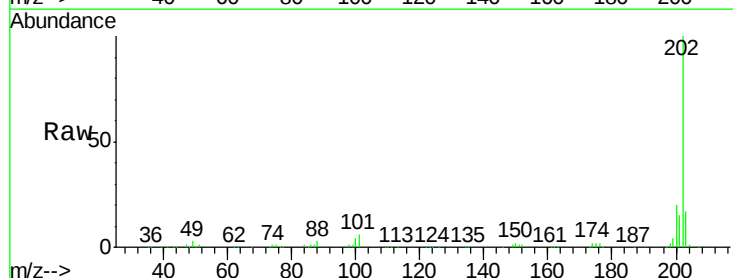
Tgt Ion:202 Resp: 381570

Ion Ratio Lower Upper

202 100

101 5.9 0.0 29.5

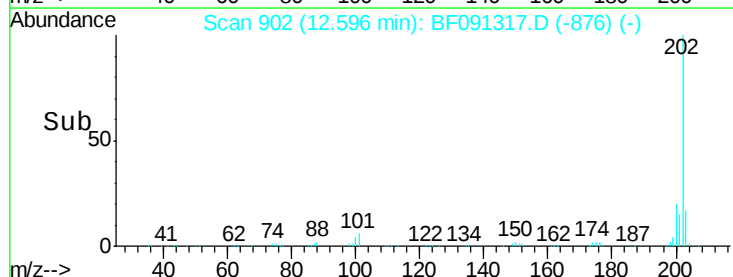
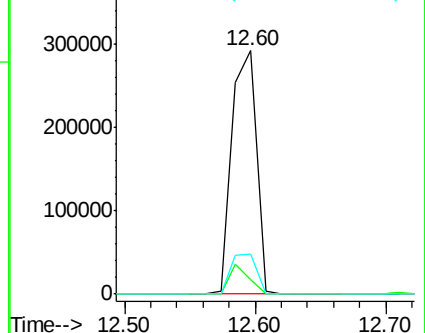
203 16.7 0.0 37.8

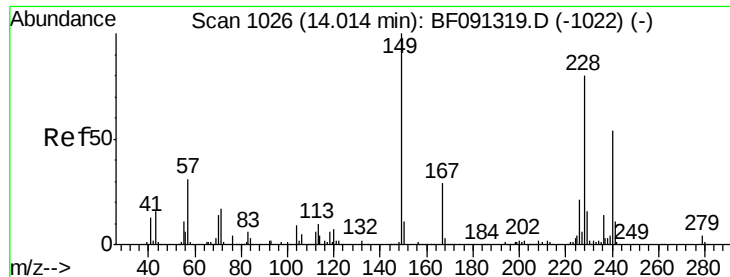


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

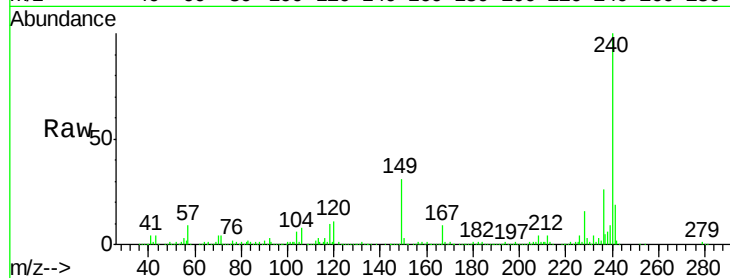
Tot Ion:240 Resp: 537605

Ion Ratio Lower Upper

240 100

120 11.3 12.1 18.1#

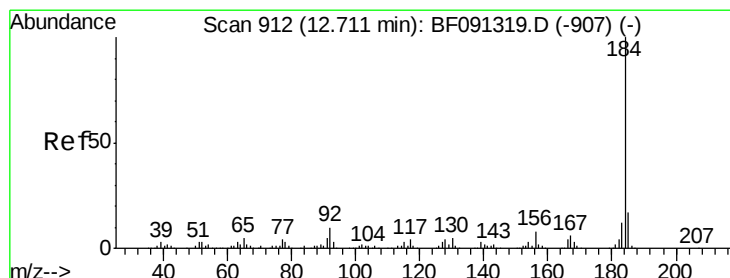
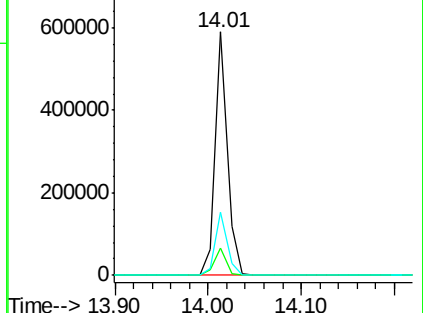
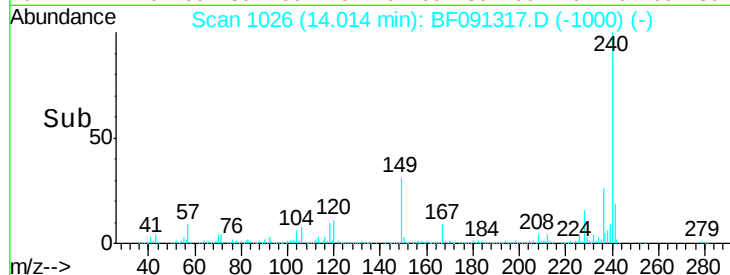
236 25.7 21.0 31.6



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: 15.84 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

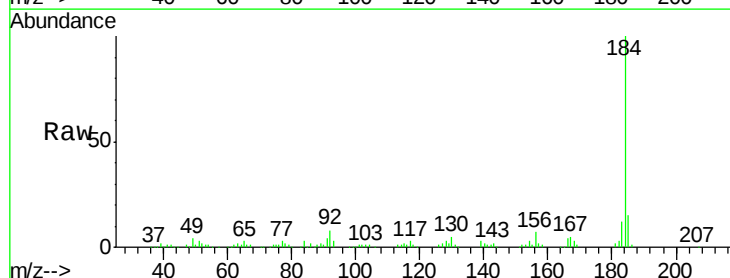
Tgt Ion:184 Resp: 165045

Ion Ratio Lower Upper

184 100

185 15.3 13.1 19.7

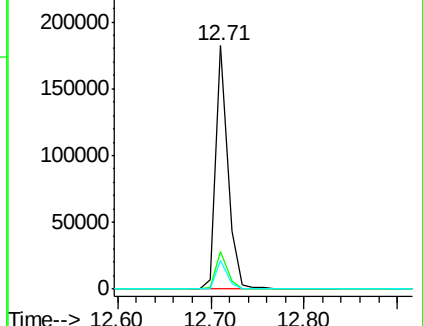
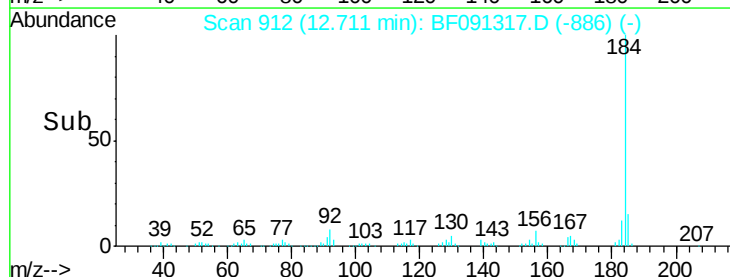
183 11.5 8.9 13.3

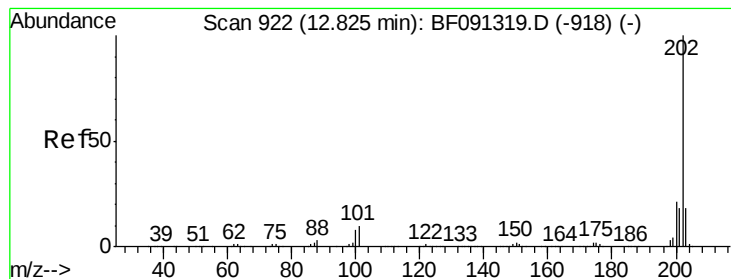


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.89 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

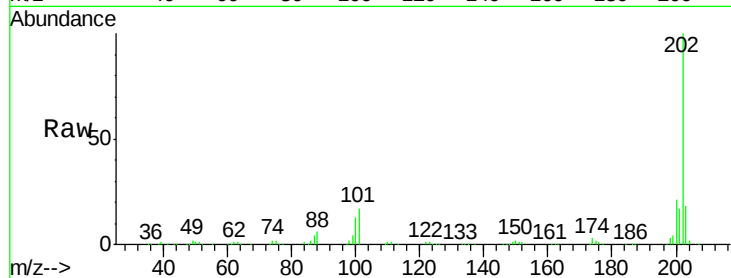
Tot Ion:202 Resp: 392812

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

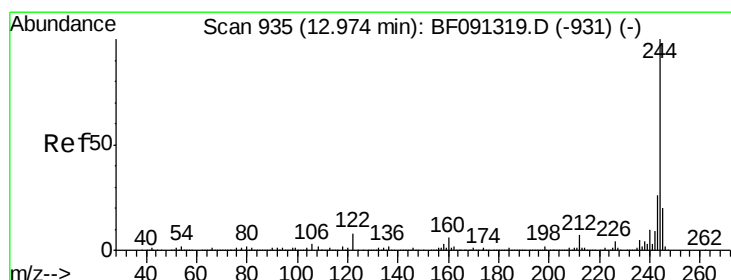
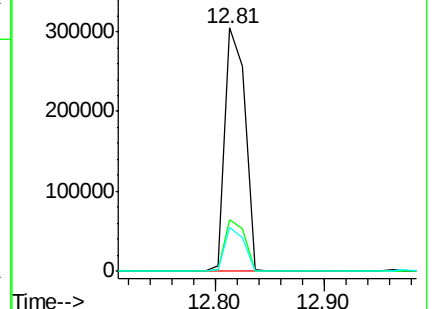
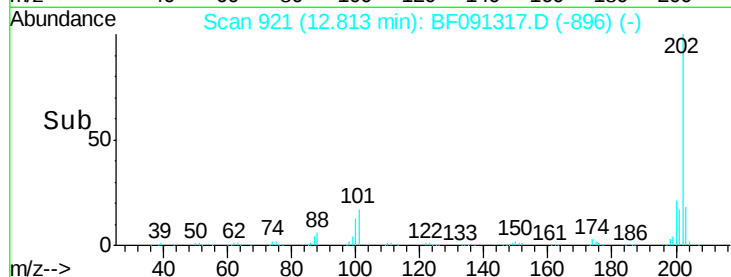
203 18.0 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 21.74 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

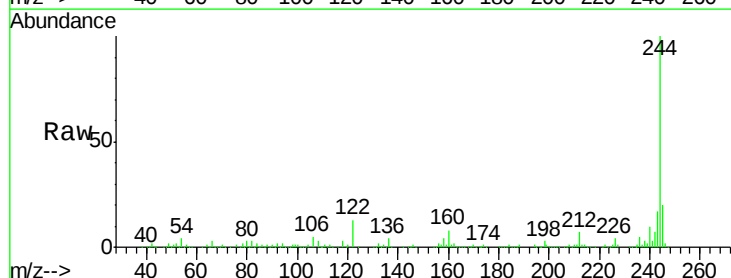
Tgt Ion:244 Resp: 511725

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

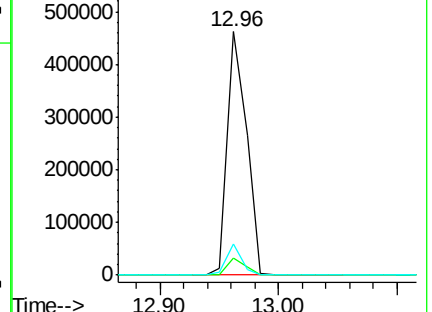
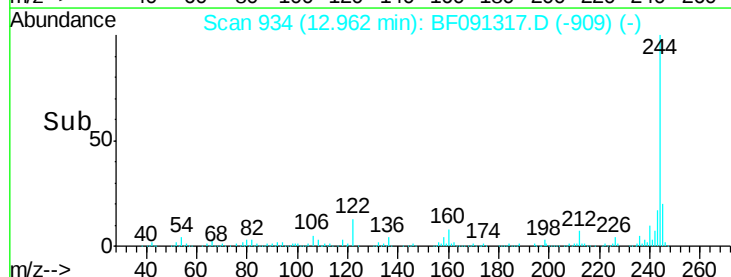
122 12.9 9.5 14.3

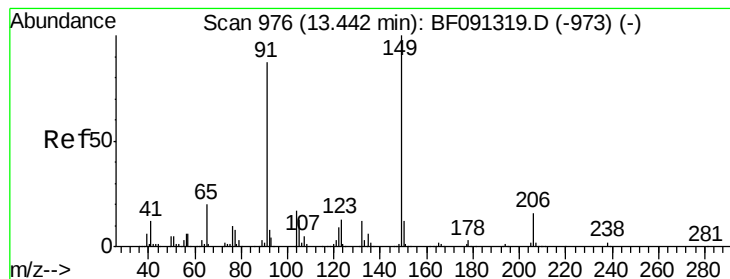


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 9.66 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampleId :

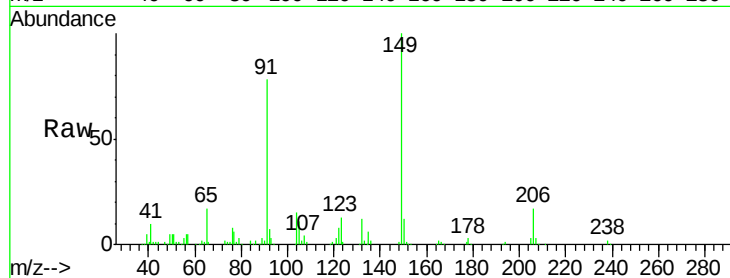
Tot Ion:149 Resp: 153560

Ion Ratio Lower Upper

149 100

91 78.3 57.4 86.2

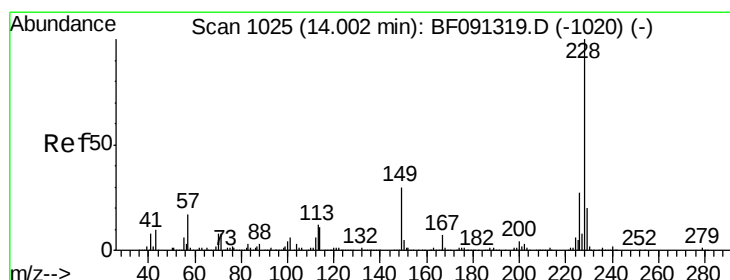
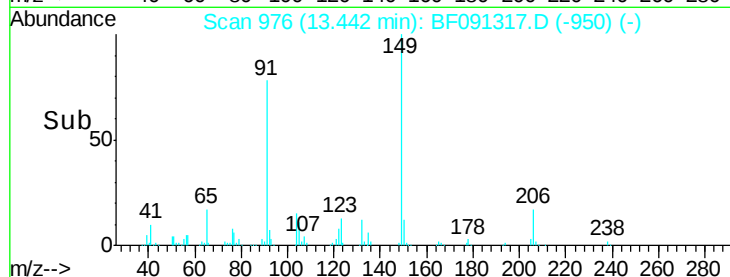
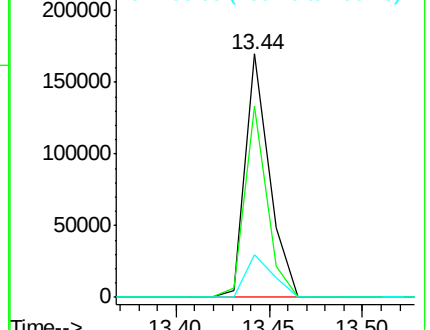
206 17.4 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 11.16 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

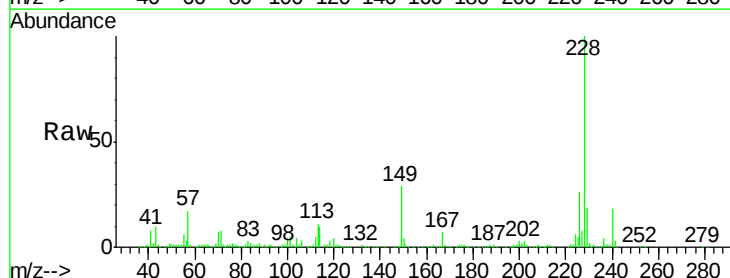
Tgt Ion:228 Resp: 340378

Ion Ratio Lower Upper

228 100

226 26.3 22.5 33.7

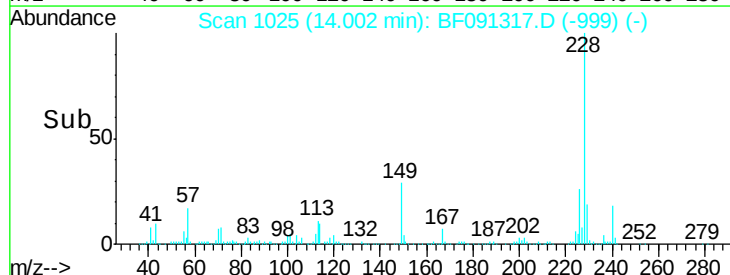
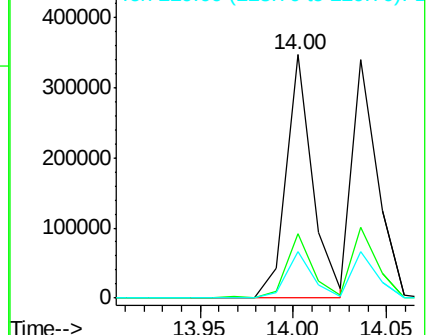
229 19.2 16.4 24.6

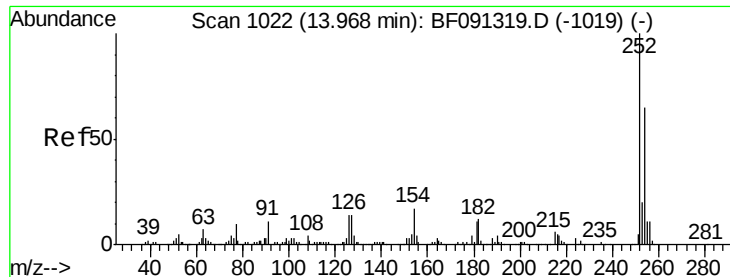


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

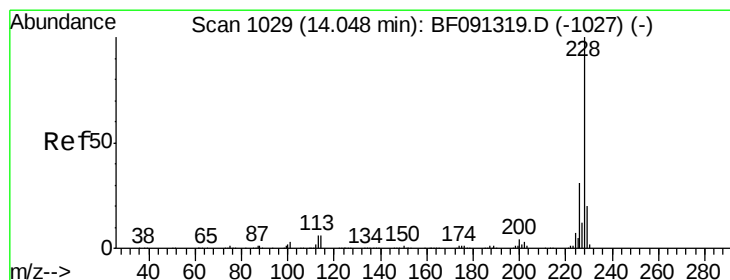
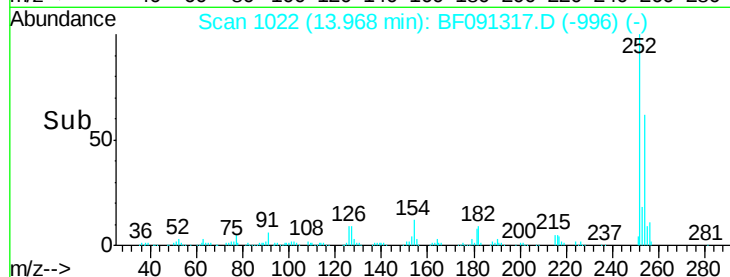
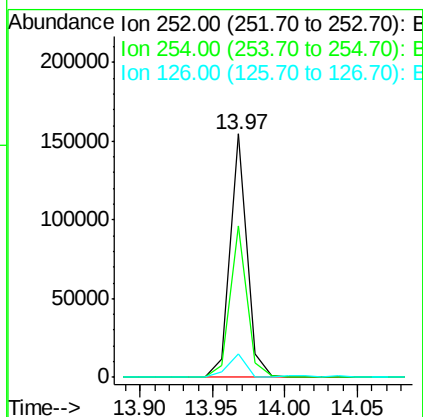
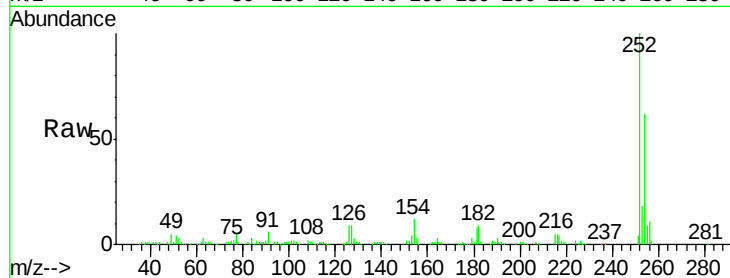




#81
 3,3'-Dichlorobenzidine
 Concen: 12.51 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

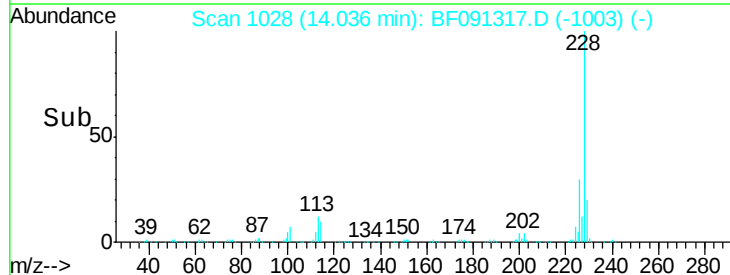
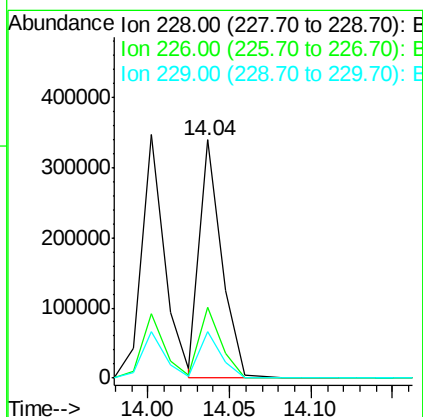
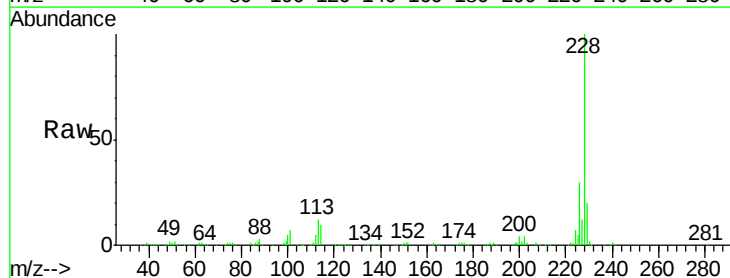
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 125860
 Ion Ratio Lower Upper
 252 100
 254 62.3 52.1 78.1
 126 9.5 7.5 11.3



#82
 Chrysene
 Concen: 11.21 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion:228 Resp: 323208
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.4
 229 19.7 16.0 24.0

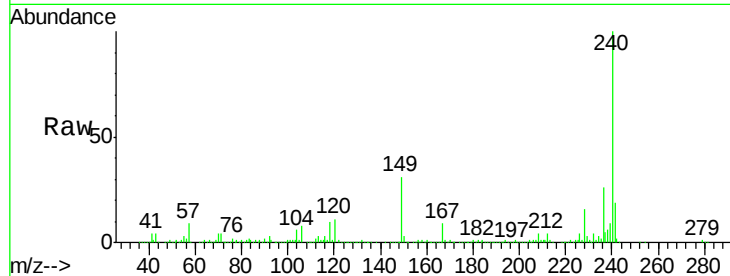




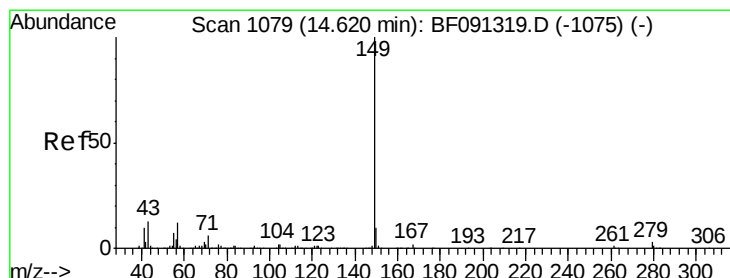
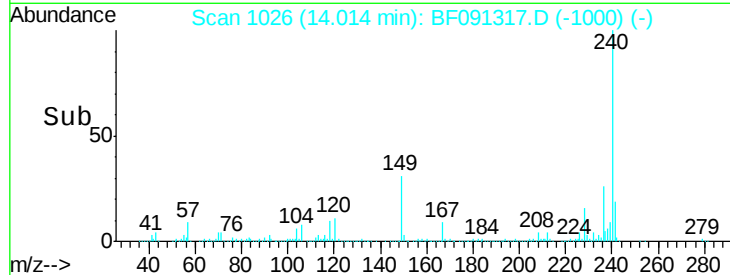
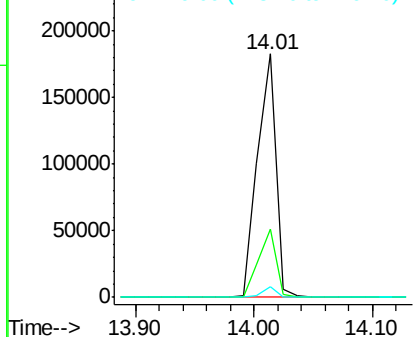
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.13 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	19.6	29.4
279	4.6	1.9	2.9#

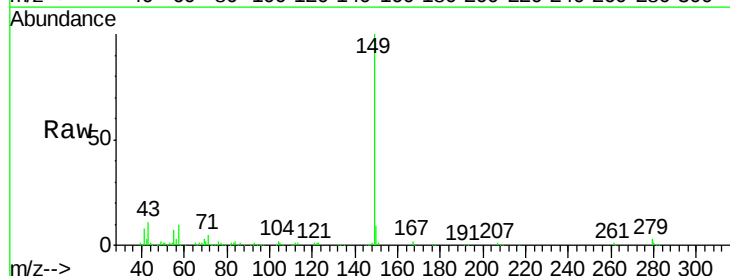


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

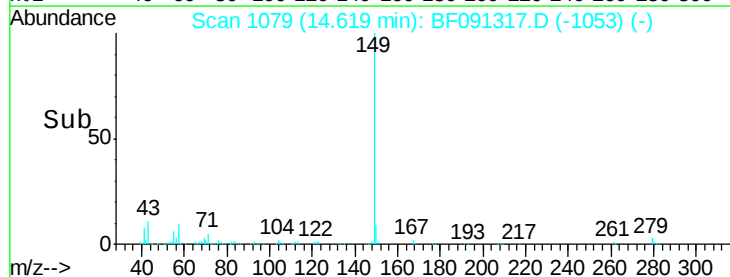
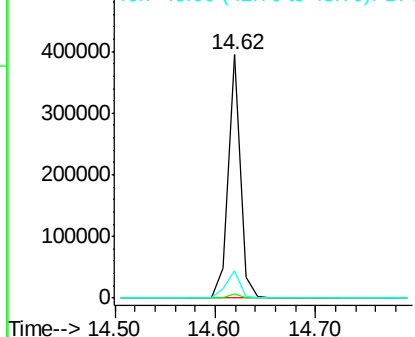


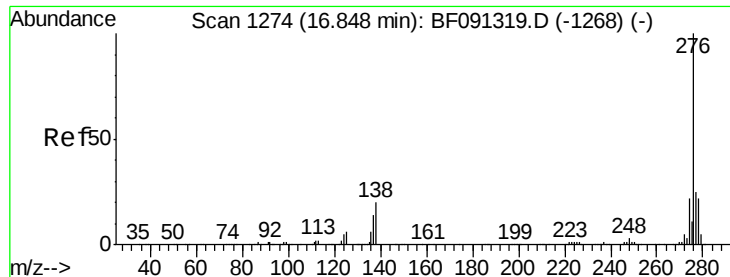
#84
 Di-n-octyl phthalate
 Concen: 10.62 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	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

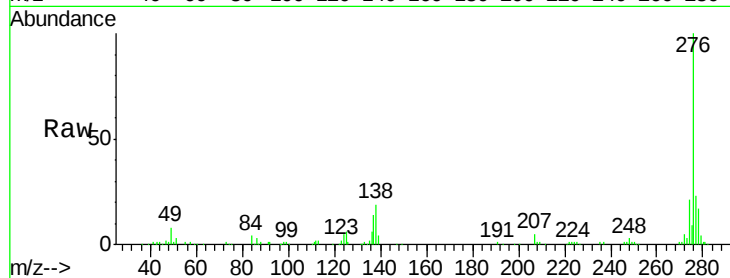




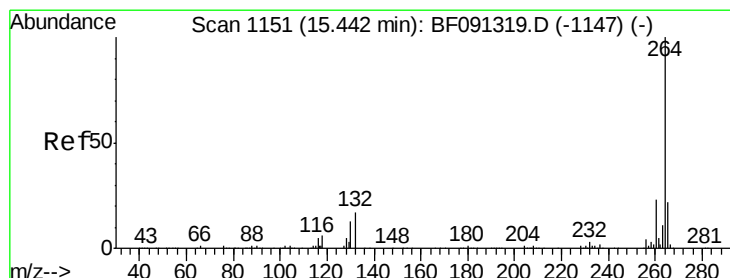
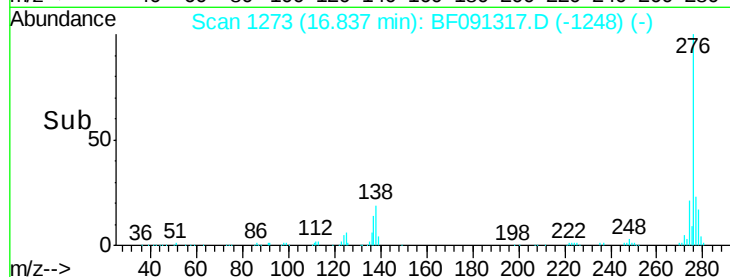
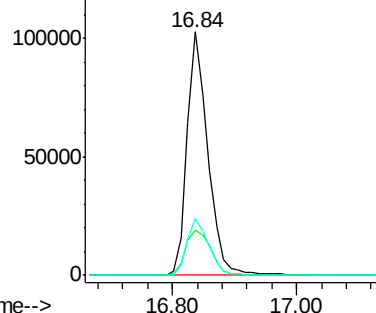
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.45 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.0	31.4
277	24.2	20.2	30.2

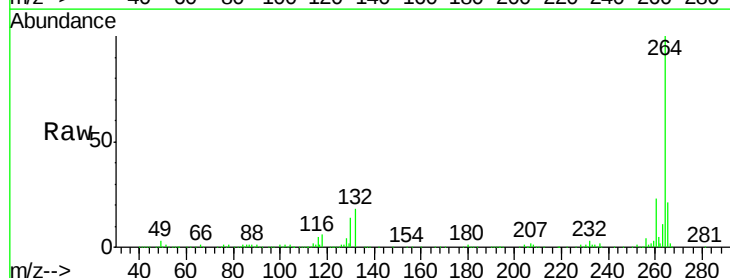


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

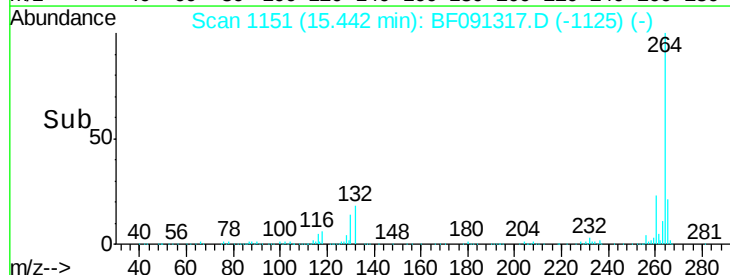
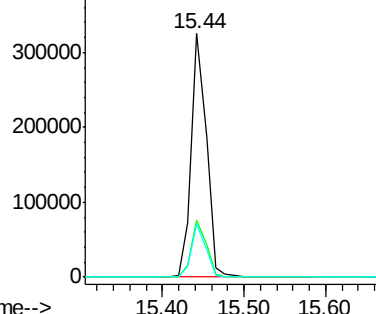


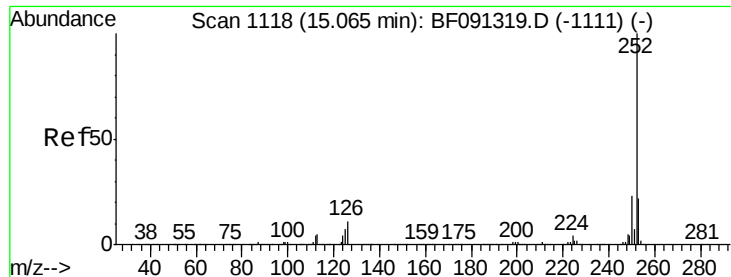
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.5	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

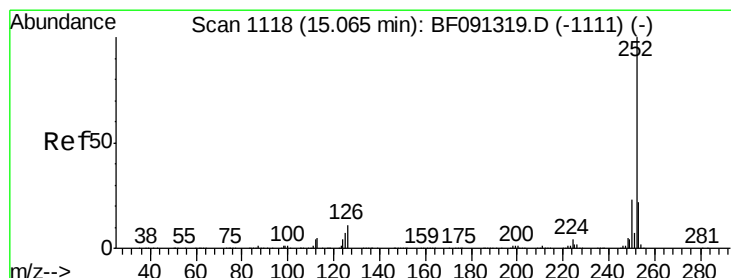
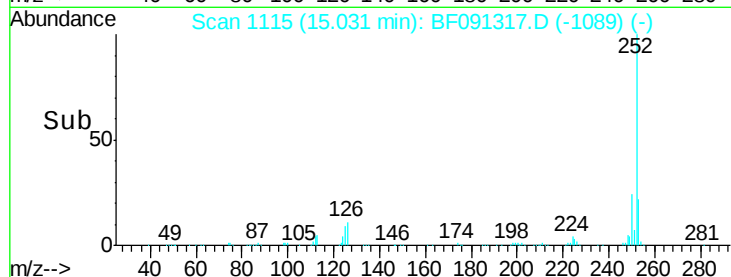
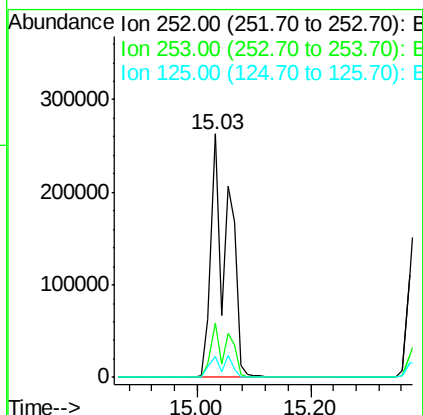
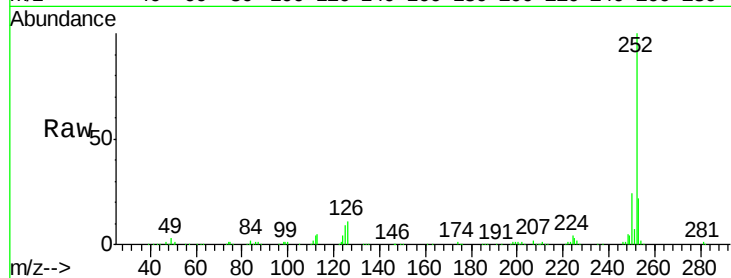




#87
Benzo(b)fluoranthene
Concen: 20.69 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

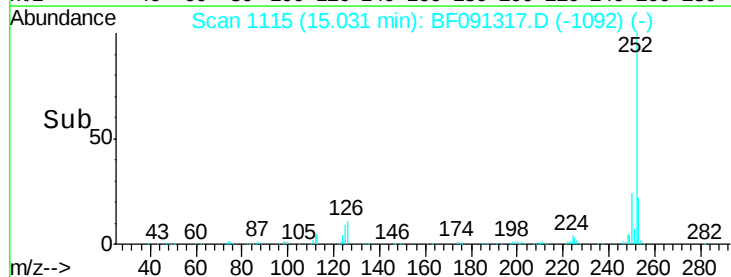
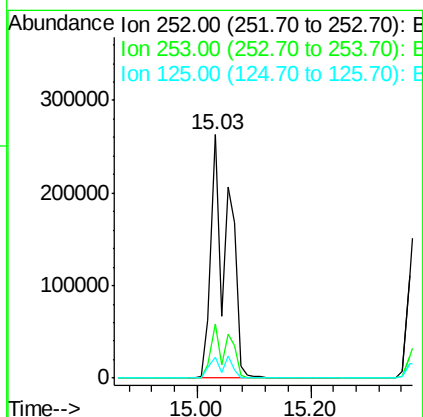
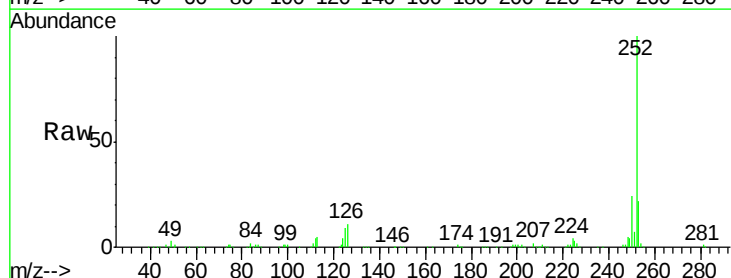
Instrument :
BNA_F
ClientSampleId :

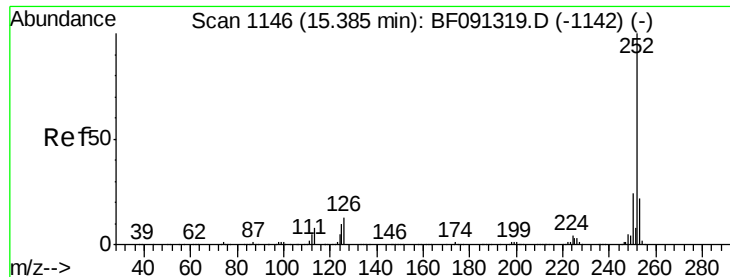
Tot Ion:252 Resp: 543999
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 25.33 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091317.D
Acq: 29 Nov 2016 10:29

Tgt Ion:252 Resp: 543999
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.7 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 11.00 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

Instrument :

BNA_F

ClientSampled :

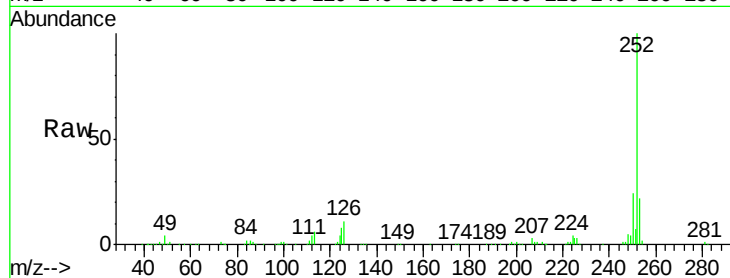
Tot Ion:252 Resp: 245993

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

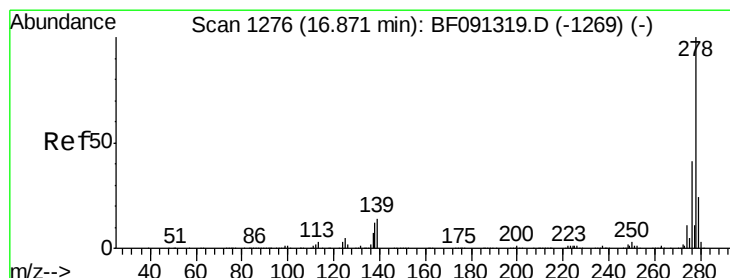
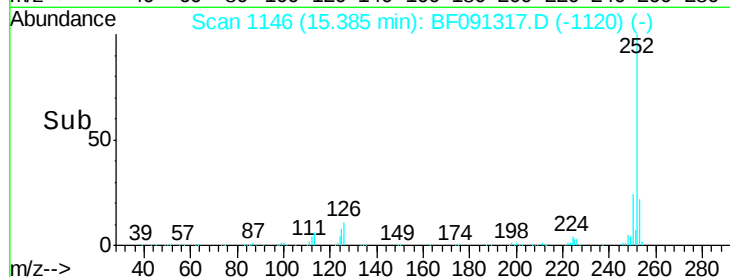
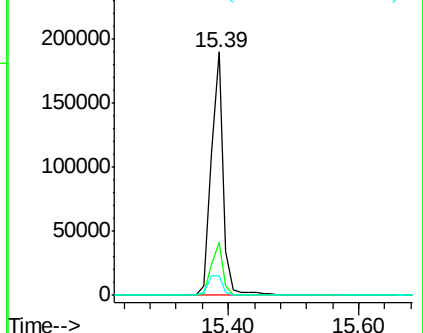
125 8.1 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.74 ng

RT: 16.86 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF091317.D

Acq: 29 Nov 2016 10:29

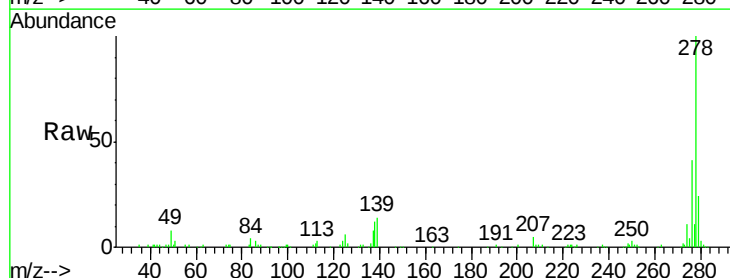
Tgt Ion:278 Resp: 201212

Ion Ratio Lower Upper

278 100

139 14.1 15.1 22.7#

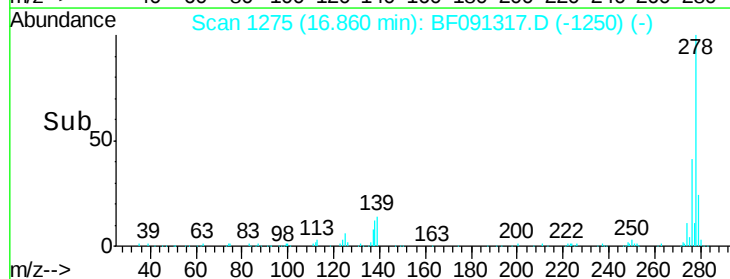
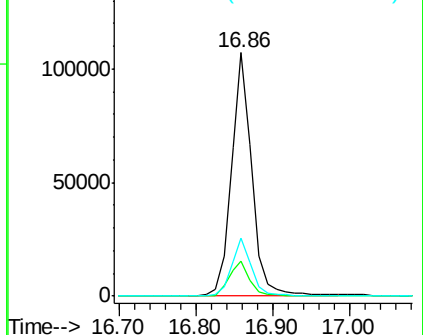
279 23.7 19.0 28.6

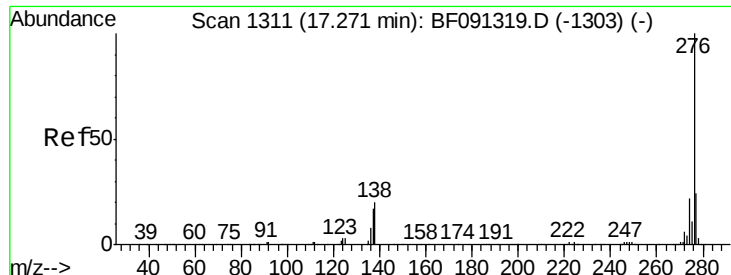


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

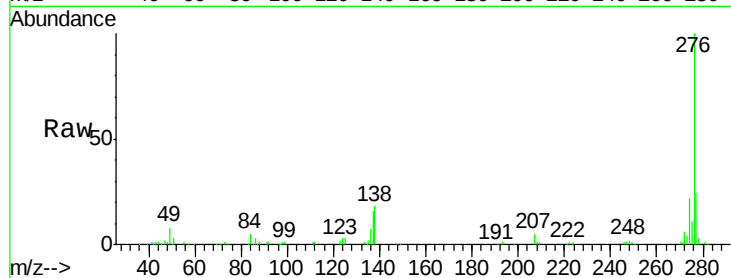




#91
 Benzo(a,h,i)perylene
 Concen: 9.79 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF091317.D
 Acq: 29 Nov 2016 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.3	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

