

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091344.D
 Acq On : 30 Nov 2016 10:31
 Operator : UM/SJ
 Sample : PB94951BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 17:45:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179617	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	709204	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	403235	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	658404	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	403958	20.00	ng	-0.03
86) Perylene-d12	15.44	264	369121	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	696869	63.38	ng	0.00
7) Phenol-d6	6.49	99	910337	67.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	1016734	80.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	251227	65.81	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	1936401	86.95	ng	0.00
78) Terphenyl-d14	12.97	244	1860050	100.08	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	160528	32.27	ng	88
3) Pyridine	3.26	79	488543	34.71	ng	88
4) n-Nitrosodimethylamine	3.21	42	304029	41.16	ng	94
6) Aniline	6.53	93	588843	32.75	ng	# 70
8) 2-Chlorophenol	6.65	128	500526	41.52	ng	98
9) Benzaldehyde	6.40	77	142424	16.36	ng	94
10) Phenol	6.50	94	579033	36.36	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	480856	42.26	ng	94
12) 1,3-Dichlorobenzene	7.04	146	500970	37.36	ng	96
13) 1,4-Dichlorobenzene	6.88	146	508713	38.14	ng	97
14) 1,2-Dichlorobenzene	6.88	146	508713	40.95	ng	97
15) Benzyl Alcohol	7.01	79	420701	38.84	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	957738	39.14	ng	71
17) 2-Methylphenol	7.12	107	391123	41.04	ng	# 77
18) Hexachloroethane	7.38	117	191534	40.44	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	327832	38.45	ng	# 98
20) 3+4-Methylphenols	7.27	107	462350	39.74	ng	# 65
22) Acetophenone	7.28	105	669999	39.86	ng	# 93
24) Nitrobenzene	7.45	77	550044	42.45	ng	# 79
25) Isophorone	7.69	82	964313	43.01	ng	98
26) 2-Nitrophenol	7.76	139	234792	39.76	ng	98
27) 2,4-Dimethylphenol	7.81	122	480762	43.52	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	561797	41.63	ng	99
29) 2,4-Dichlorophenol	8.01	162	403699	41.55	ng	88
30) 1,2,4-Trichlorobenzene	8.09	180	451420	41.44	ng	98
31) Naphthalene	8.17	128	1346152	39.94	ng	100
32) Benzoic acid	7.93	122	336645	41.35	ng	# 83
33) 4-Chloroaniline	8.22	127	208565	14.47	ng	99
34) Hexachlorobutadiene	8.30	225	278198	41.53	ng	99
35) Caprolactam	8.60	113	100665	36.04	ng	# 66
36) 4-Chloro-3-methylphenol	8.70	107	418398	39.88	ng	99
37) 2-Methylnaphthalene	8.87	142	929190	40.58	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	401997	35.36	ng	99
40) Hexachlorocyclopentadiene	9.02	237	516525	98.03	ng	99

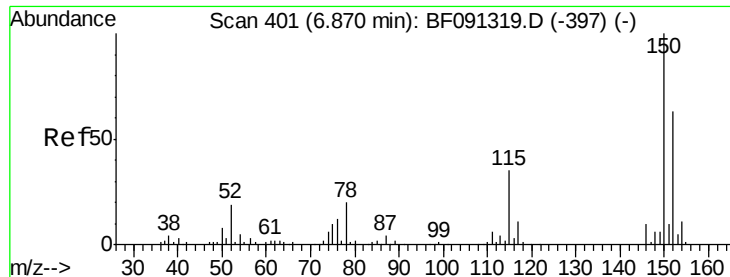
Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091344.D
 Acq On : 30 Nov 2016 10:31
 Operator : UM/SJ
 Sample : PB94951BSD
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	313948	42.49	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	277455	37.48	nq #	88
45) 1,1'-Biphenyl	9.33	154	1071083	36.94	nq	97
46) 2-Chloronaphthalene	9.35	162	803103	37.19	nq	98
47) 2-Nitroaniline	9.44	65	271917	35.06	nq #	76
48) Acenaphthylene	9.77	152	1327524	39.05	nq	99
49) Dimethylphthalate	9.64	163	1052385	43.10	nq	99
50) 2,6-Dinitrotoluene	9.69	165	249390	45.70	nq #	65
51) Acenaphthene	9.94	154	997437	43.50	nq	96
52) 3-Nitroaniline	9.85	138	143670	22.75	nq	94
53) 2,4-Dinitrophenol	9.97	184	234653	98.33	nq #	65
54) Dibenzofuran	10.12	168	1298024	42.28	nq	91
55) 4-Nitrophenol	10.01	139	325638	71.38	nq	97
56) 2,4-Dinitrotoluene	10.09	165	339571	47.97	nq #	85
57) Fluorene	10.46	166	936286	39.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	286691	45.35	nq	94
59) Diethylphthalate	10.33	149	1007650	41.81	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	443188	37.49	nq #	89
61) 4-Nitroaniline	10.47	138	224811	37.90	nq	93
62) Azobenzene	10.61	77	1127604	45.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	150375	41.46	nq	86
65) n-Nitrosodiphenylamine	10.56	169	779854	39.07	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	324015	45.79	nq #	80
67) Hexachlorobenzene	11.00	284	303857	39.74	nq #	75
68) Atrazine	11.10	200	284596	44.02	nq	89
69) Pentachlorophenol	11.19	266	351299	78.03	nq	96
70) Phenanthrene	11.41	178	1309875	38.29	nq	100
71) Anthracene	11.46	178	1495148	44.03	nq	100
72) Carbazole	11.61	167	1171944	38.04	nq	99
73) Di-n-butylphthalate	11.96	149	1594911	45.67	nq	99
74) Fluoranthene	12.60	202	1462361	45.13	nq	100
76) Benzidine	12.71	184	455956	38.45	nq	98
77) Pyrene	12.82	202	1503303	49.04	nq	99
79) Butylbenzylphthalate	13.44	149	568239	49.50	nq #	85
80) Benzo(a)anthracene	14.00	228	1048576	44.39	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	247333	29.72	nq #	98
82) Chrysene	14.05	228	1110905	47.53	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	756887	52.02	nq #	91
84) Di-n-octyl phthalate	14.62	149	1172018	53.23	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1076512	50.29	nq	95
87) Benzo(b)fluoranthene	15.07	252	1859576	81.05	nq #	97
88) Benzo(k)fluoranthene	15.07	252	1860557	96.43	nq #	96
89) Benzo(a)pyrene	15.39	252	875441	42.49	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	880142	46.19	nq #	94
91) Benzo(g,h,i)perylene	17.27	276	920569	46.85	nq	98

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

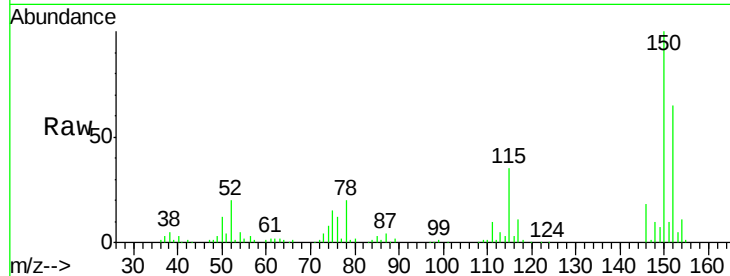


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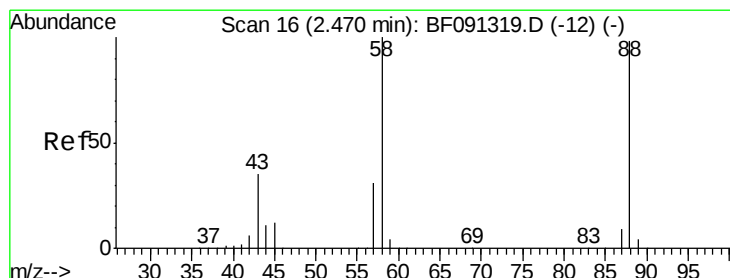
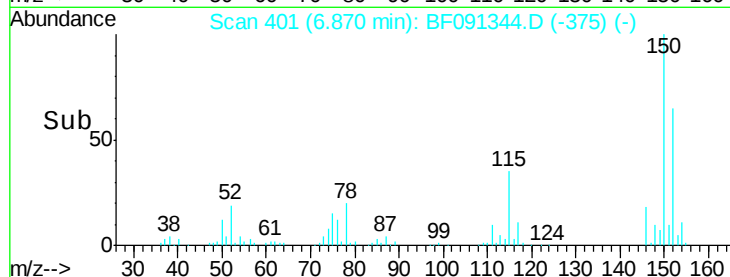
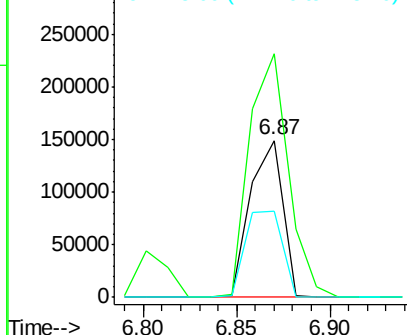
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179617
Ion Ratio Lower Upper
152 100
150 154.9 122.5 183.7
115 54.6 51.8 77.8



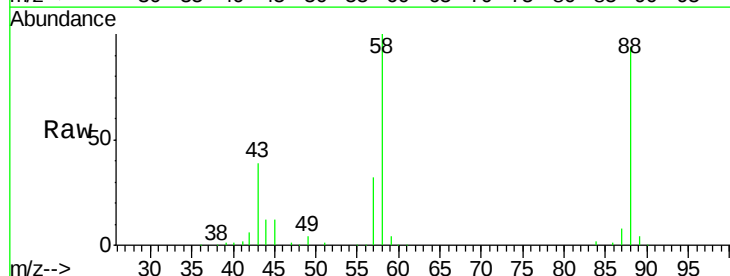
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



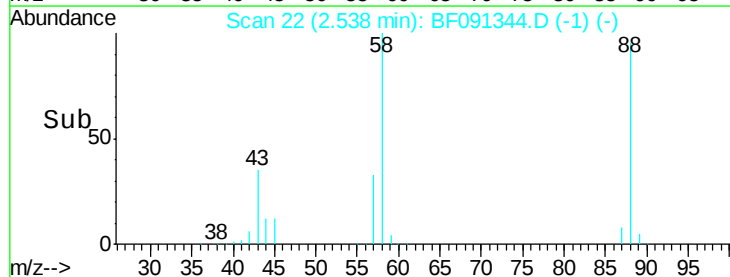
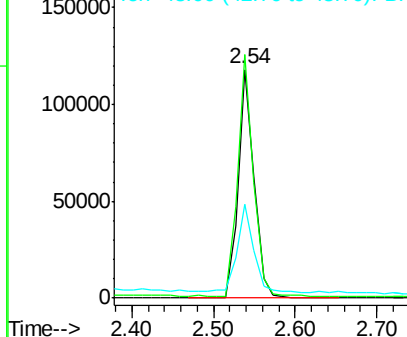
#2

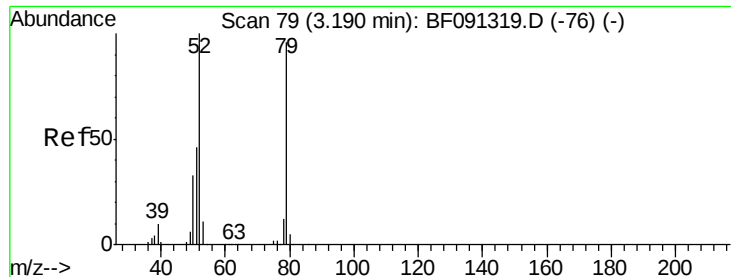
1,4-Dioxane
Concen: 32.27 ng
RT: 2.54 min Scan# 22
Delta R.T. 0.04 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion: 88 Resp: 160528
Ion Ratio Lower Upper
88 100
58 104.0 70.3 105.5
43 39.7 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: 34.71 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.04 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

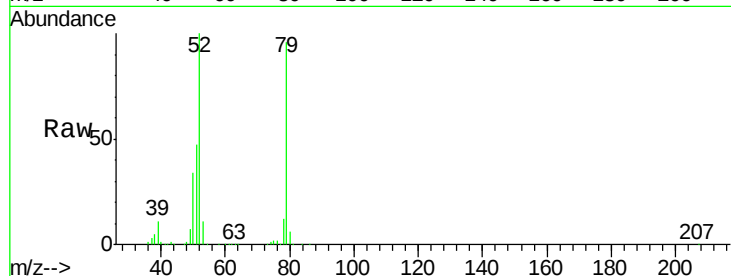
Tot Ion: 79 Resp: 488543

Ion Ratio Lower Upper

79 100

52 103.9 71.0 106.4

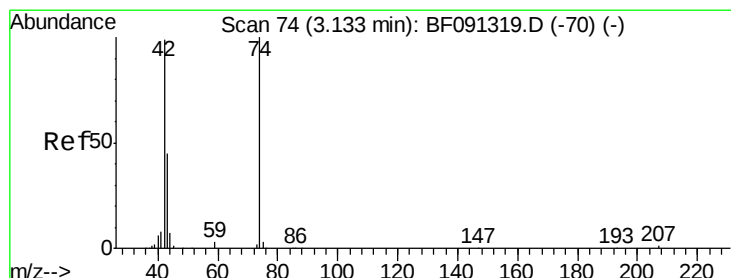
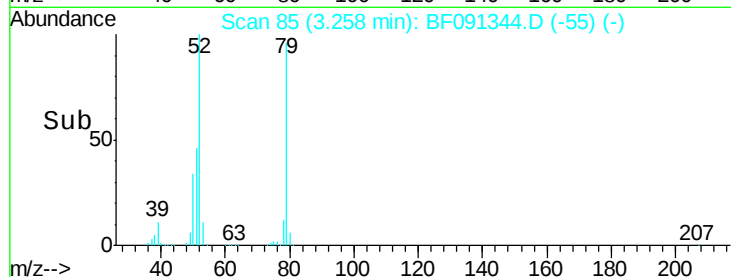
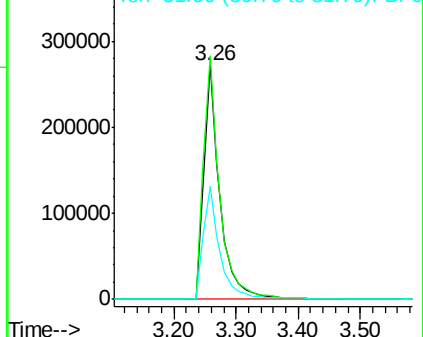
51 48.4 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.16 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

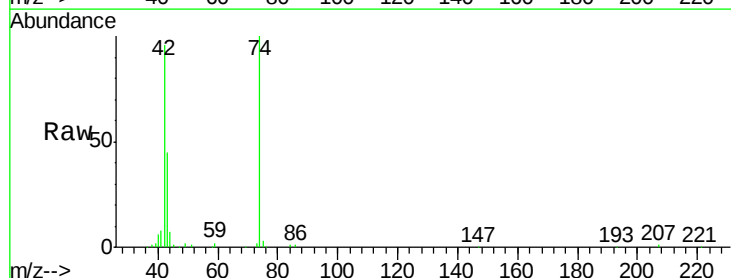
Tgt Ion: 42 Resp: 304029

Ion Ratio Lower Upper

42 100

74 104.7 78.9 118.3

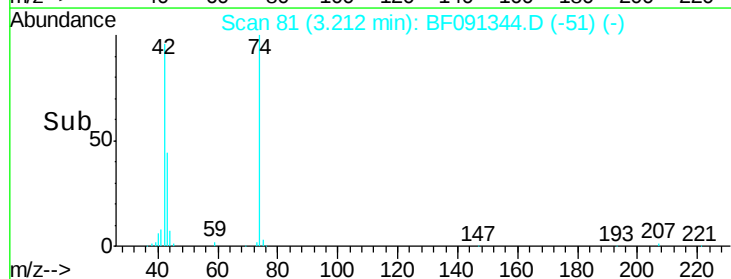
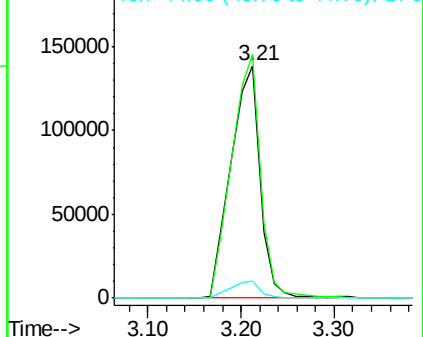
44 7.4 5.8 8.6



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: 63.38 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

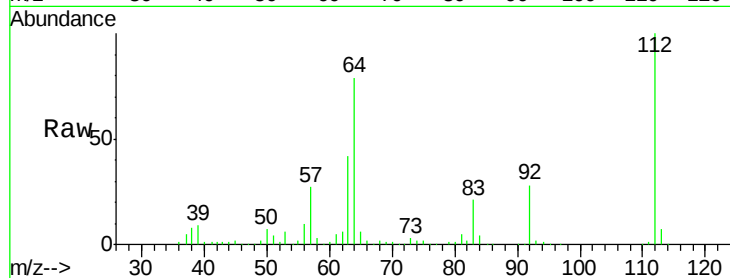
Tot Ion: 112 Resp: 696869

Ion Ratio Lower Upper

112 100

64 78.6 61.5 92.3

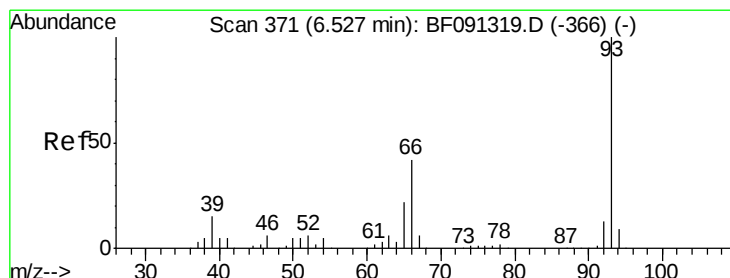
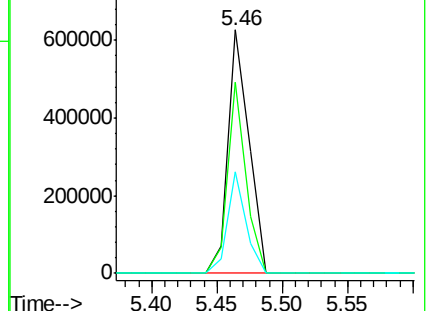
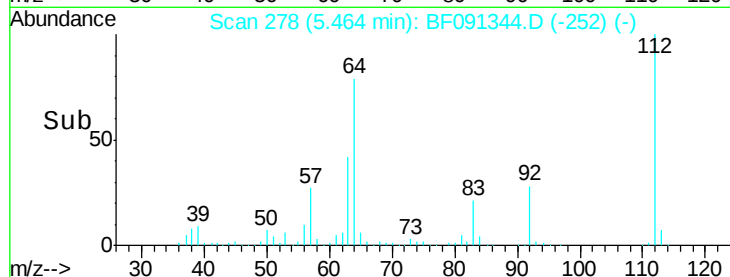
63 41.8 33.3 49.9



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: 32.75 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

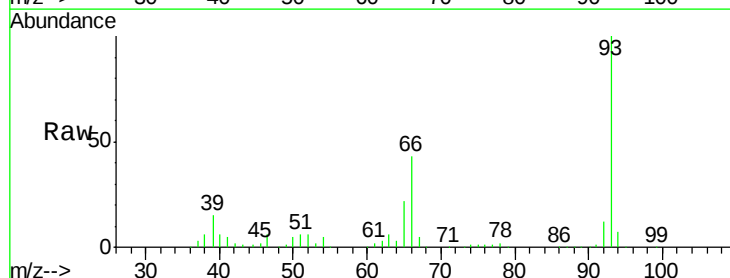
Tgt Ion: 93 Resp: 588843

Ion Ratio Lower Upper

93 100

66 42.7 55.8 83.6#

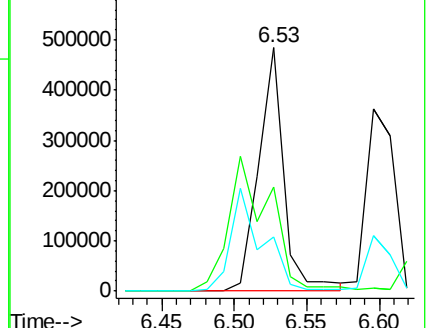
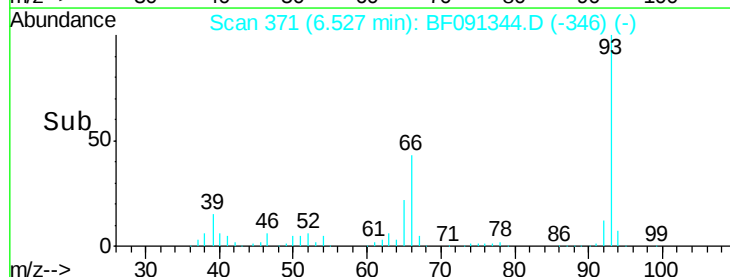
65 22.0 29.9 44.9#

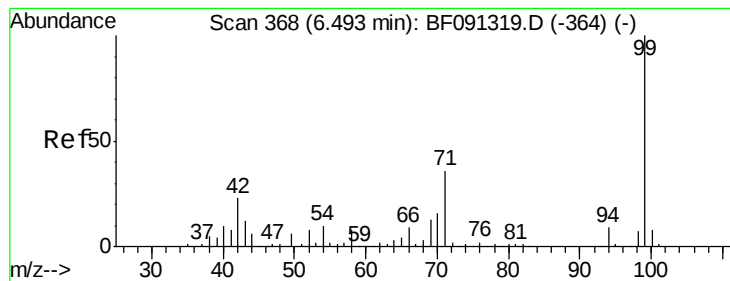


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.26 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

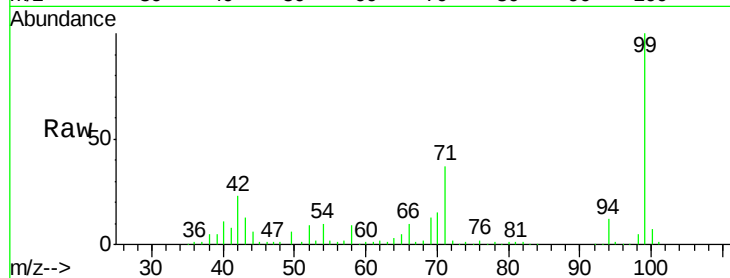
Tot Ion: 99 Resp: 910337

Ion Ratio Lower Upper

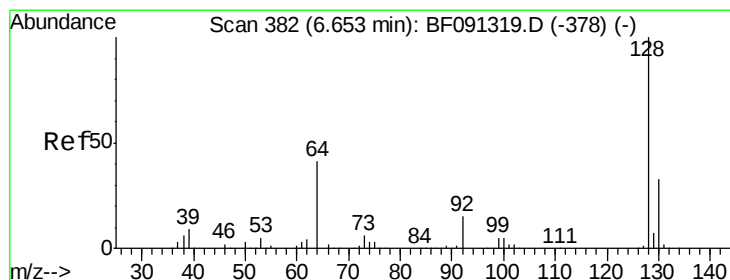
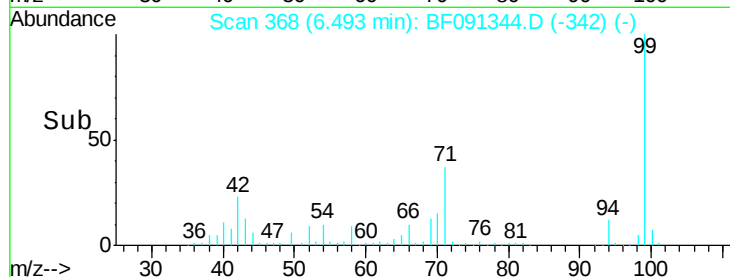
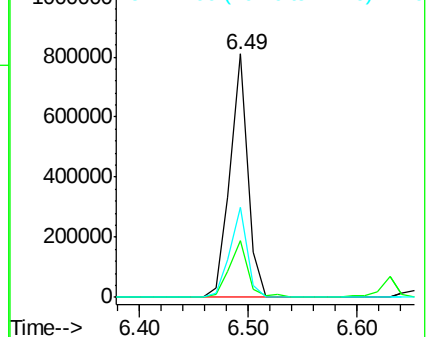
99 100

42 23.5 20.6 31.0

71 36.9 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: 41.52 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

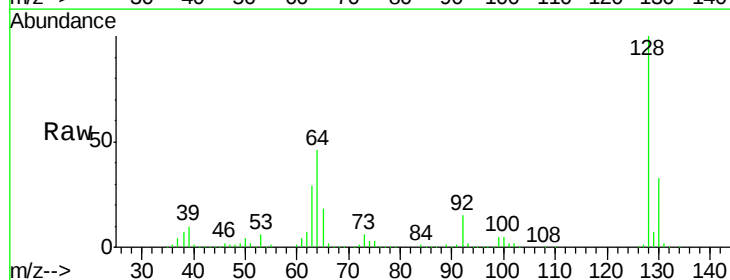
Tgt Ion: 128 Resp: 500526

Ion Ratio Lower Upper

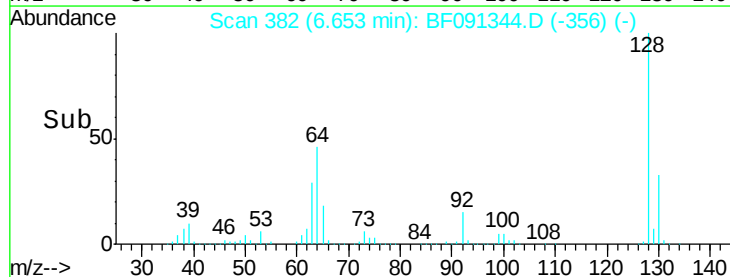
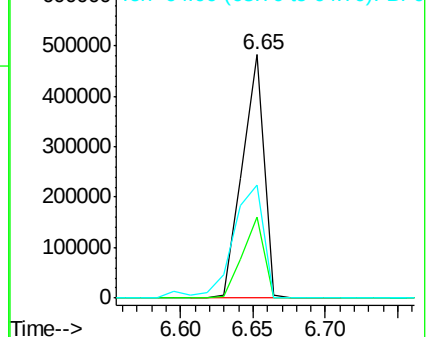
128 100

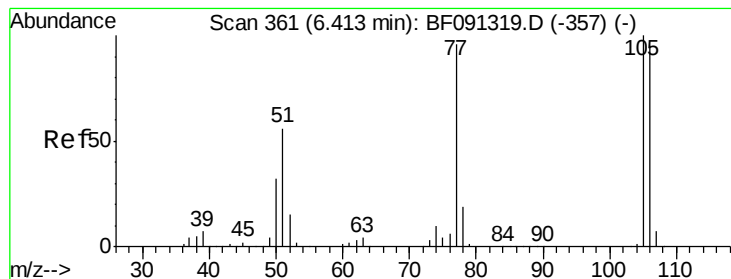
130 33.2 13.1 53.1

64 46.3 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: 16.36 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

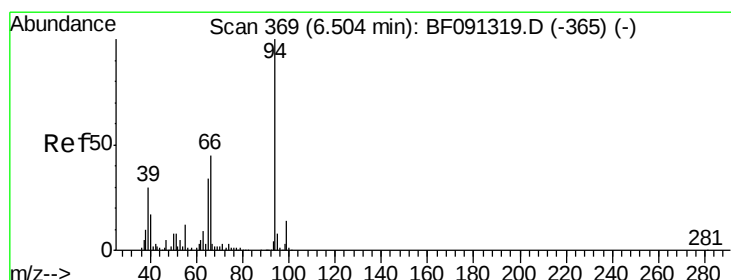
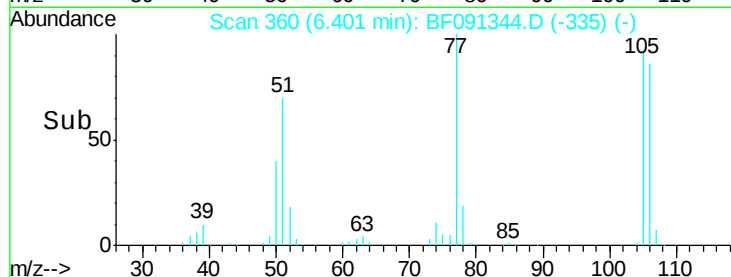
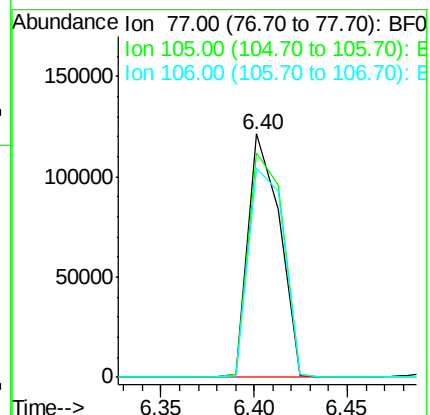
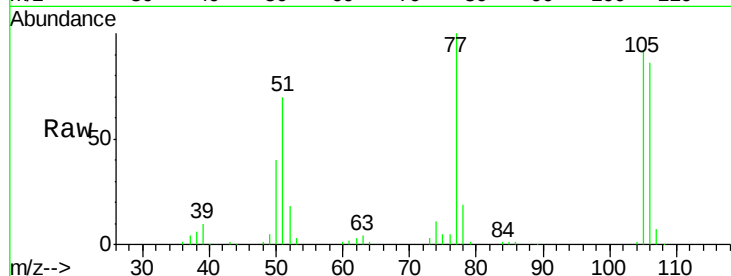
Tot Ion: 77 Resp: 142424

Ion Ratio Lower Upper

77 100

105 92.3 66.4 106.4

106 86.1 60.9 100.9



#10

Phenol

Concen: 36.36 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

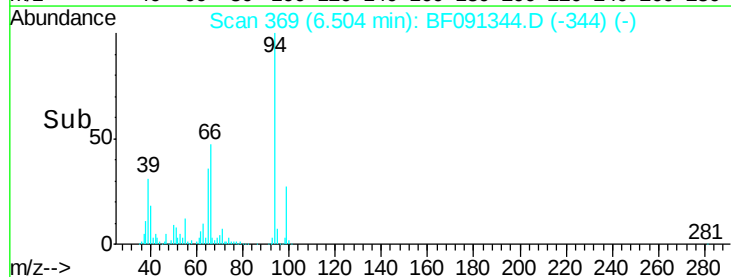
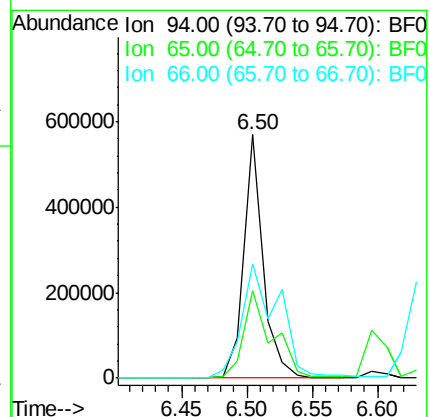
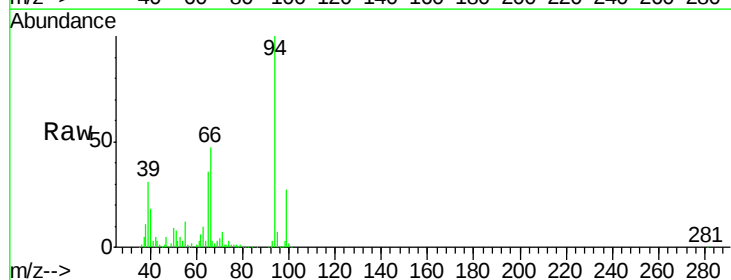
Tgt Ion: 94 Resp: 579033

Ion Ratio Lower Upper

94 100

65 35.8 16.9 56.9

66 47.2 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 42.26 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

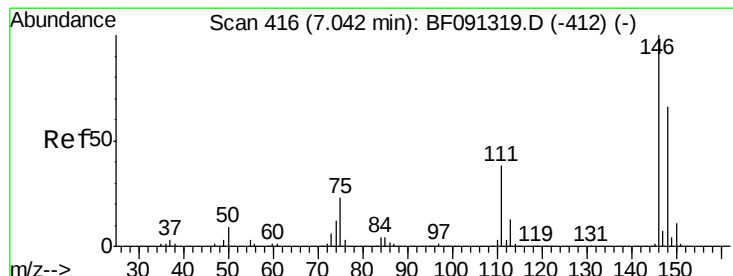
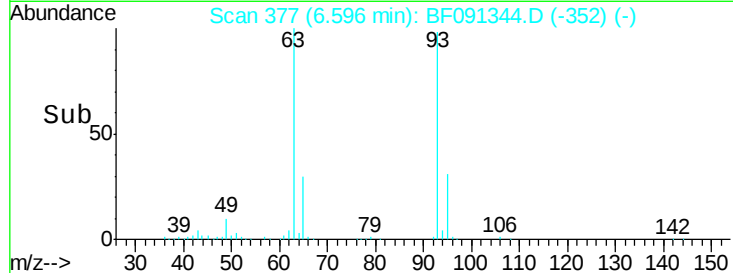
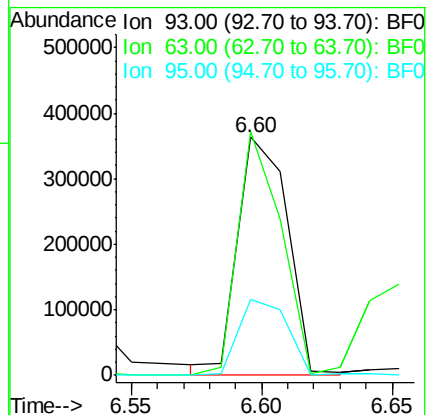
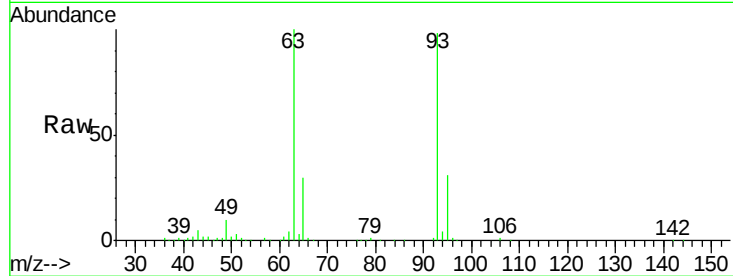
Tot Ion: 93 Resp: 480856

Ion Ratio Lower Upper

93 100

63 102.1 74.8 114.8

95 31.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.36 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.22 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

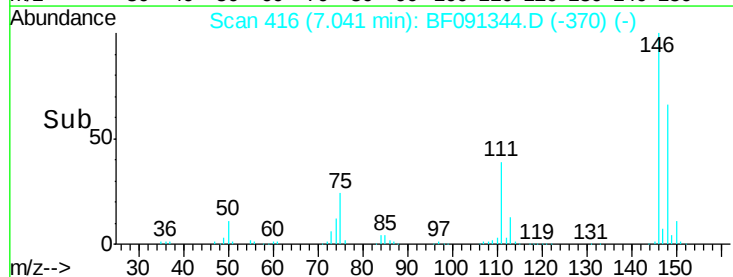
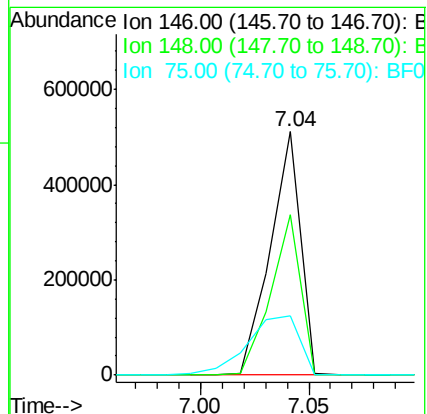
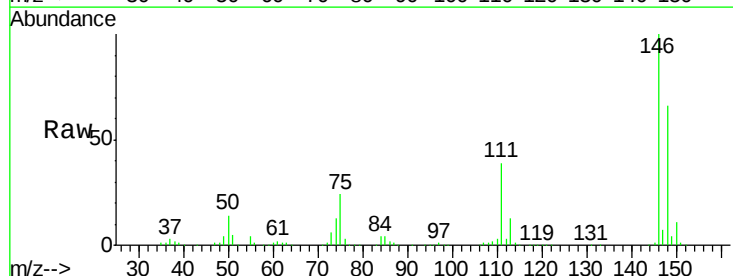
Tgt Ion: 146 Resp: 500970

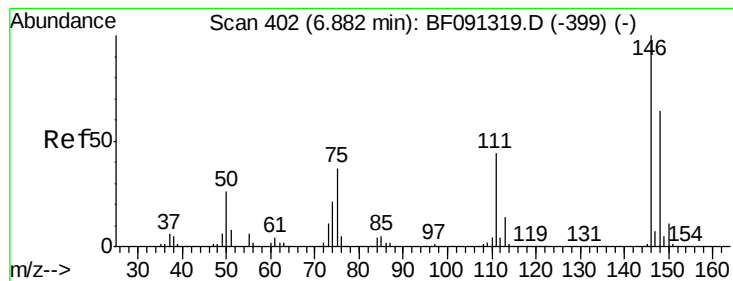
Ion Ratio Lower Upper

146 100

148 65.6 51.4 77.0

75 24.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 38.14 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

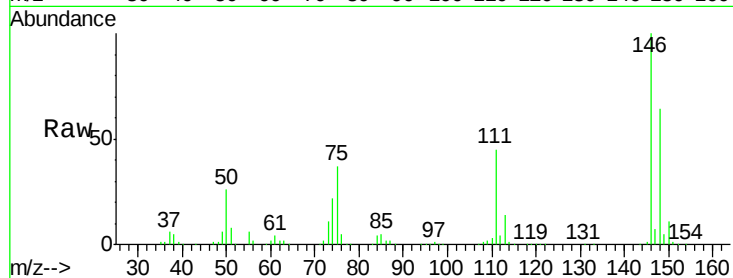
Tot Ion:146 Resp: 508713

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.0

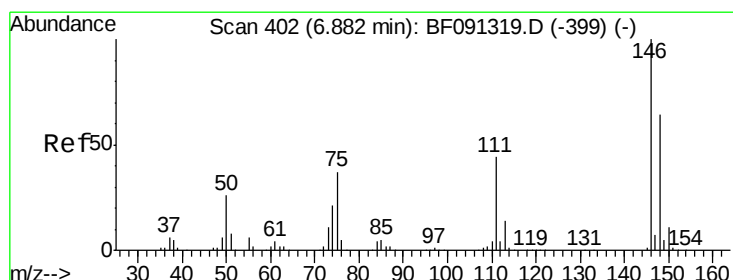
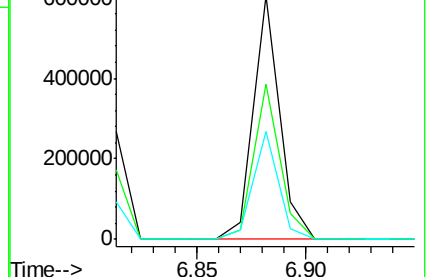
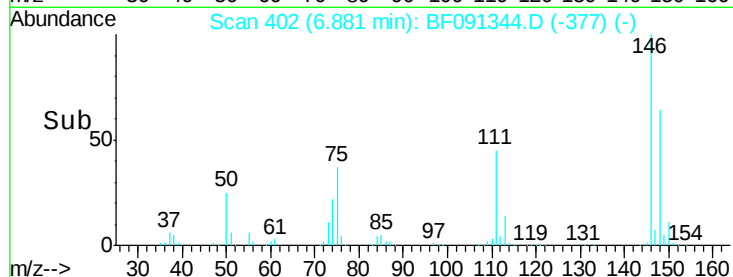
111 44.5 32.2 48.2



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: 40.95 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.17 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

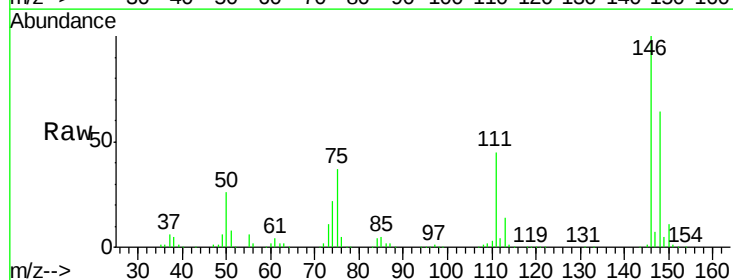
Tgt Ion:146 Resp: 508713

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

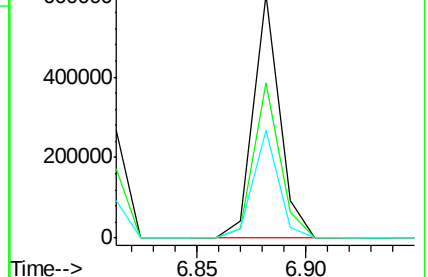
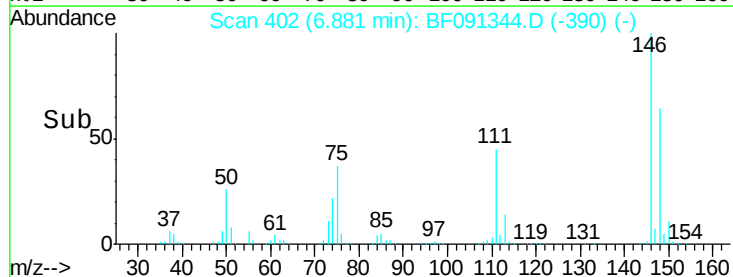
111 44.5 38.9 58.3



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: 38.84 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampled :

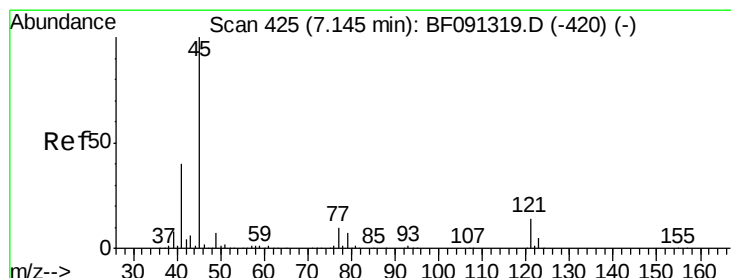
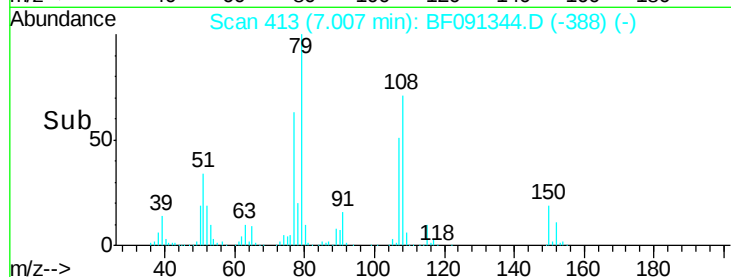
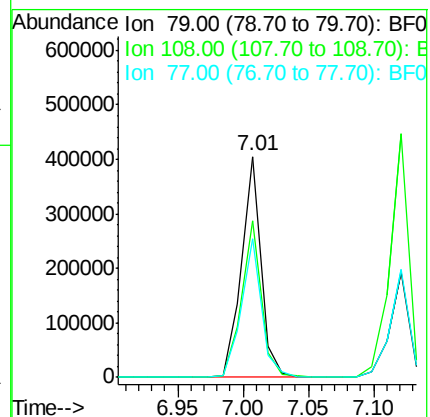
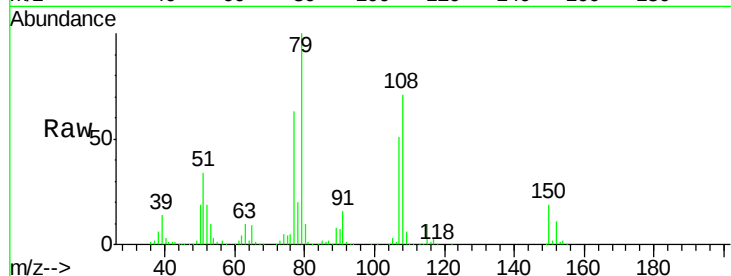
Tot Ion: 79 Resp: 420701

Ion Ratio Lower Upper

79 100

108 70.8 62.7 94.1

77 62.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.14 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

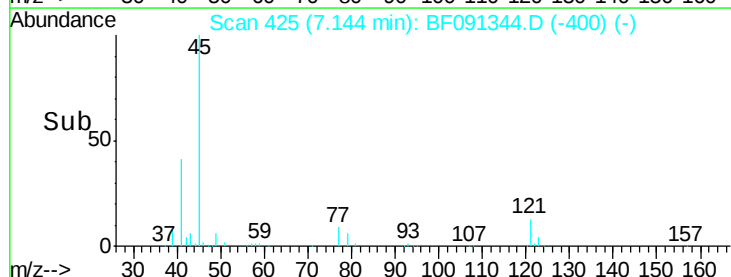
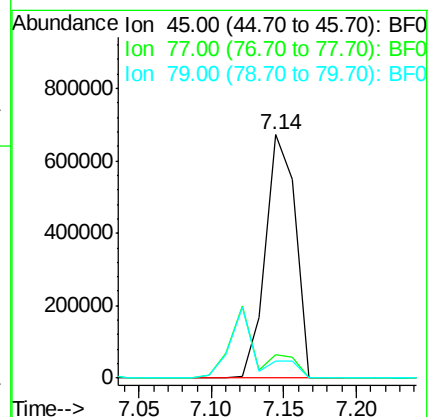
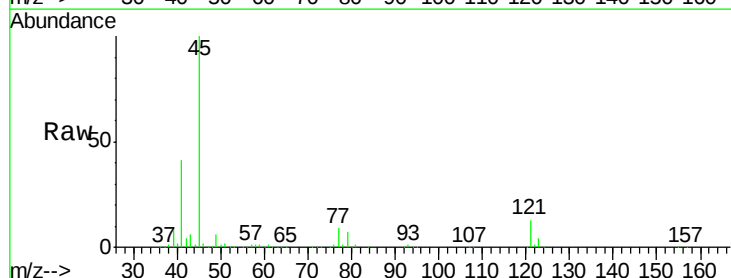
Tgt Ion: 45 Resp: 957738

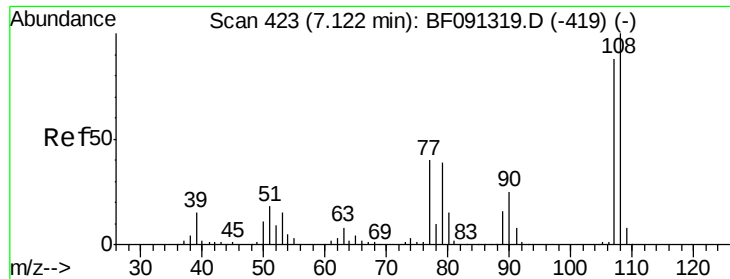
Ion Ratio Lower Upper

45 100

77 9.4 3.8 43.8

79 7.0 0.2 40.2





#17

2-Methylphenol

Concen: 41.04 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 391123

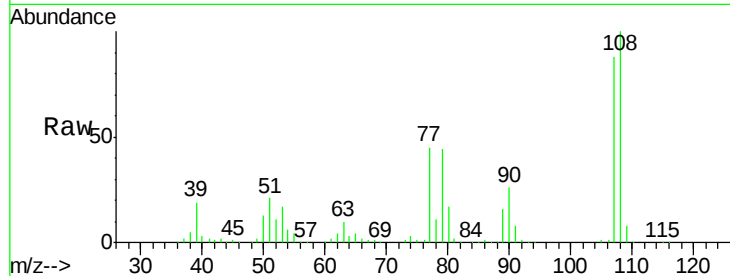
Ion Ratio Lower Upper

107 100

108 113.5 67.7 101.5#

77 50.6 40.7 61.1

79 49.4 23.4 35.2#

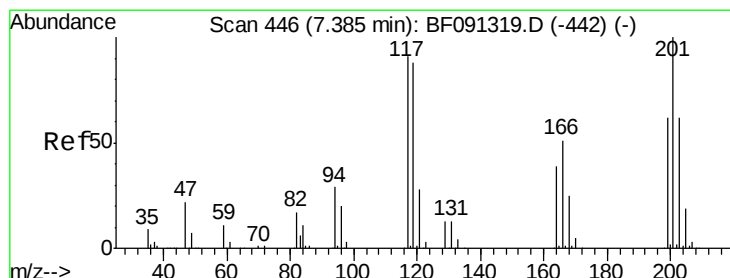
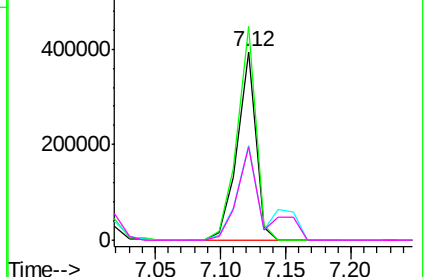
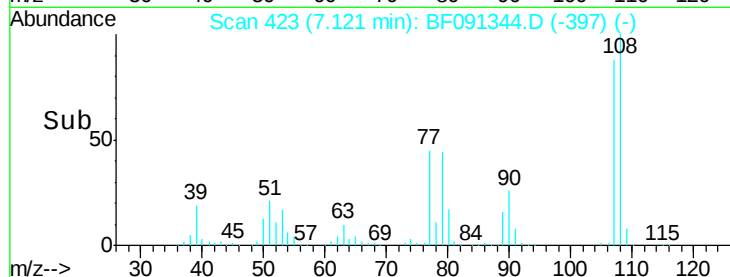


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.44 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

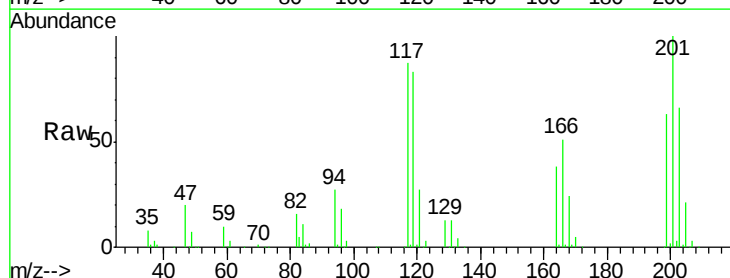
Tgt Ion:117 Resp: 191534

Ion Ratio Lower Upper

117 100

119 96.3 78.6 118.0

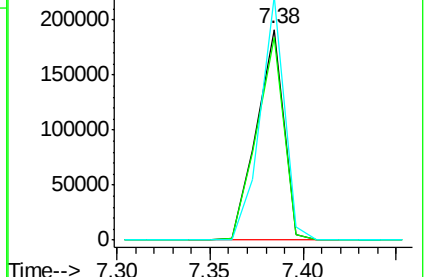
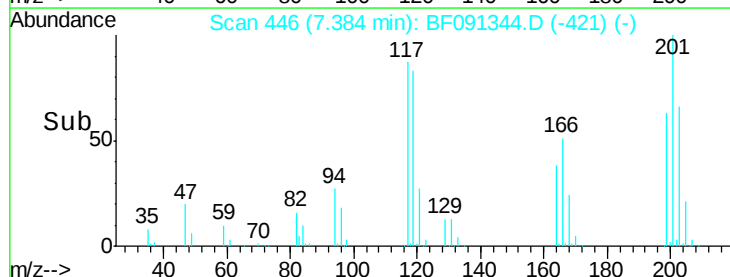
201 115.5 86.7 130.1

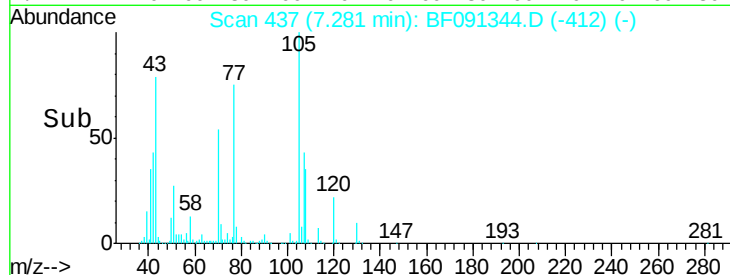
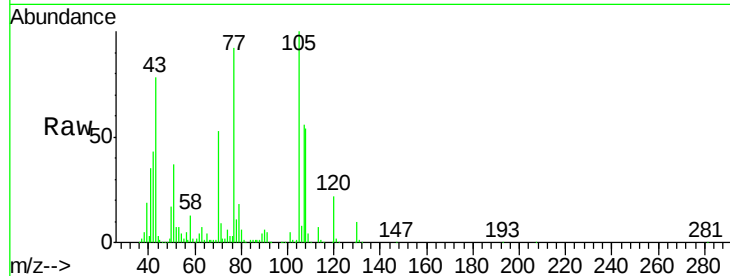
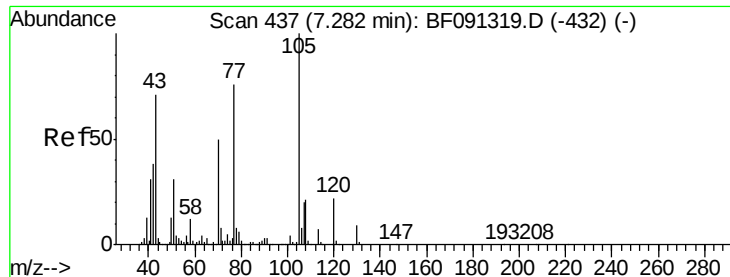


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

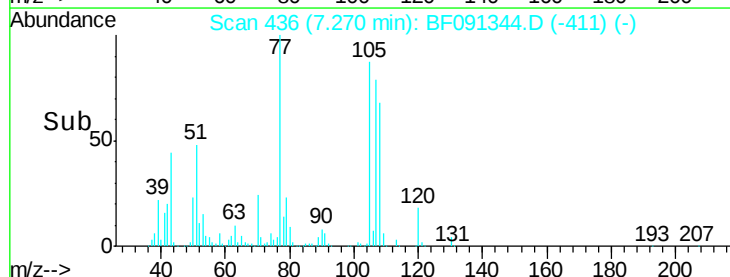
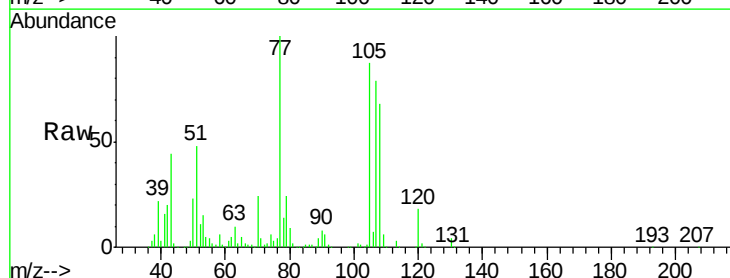
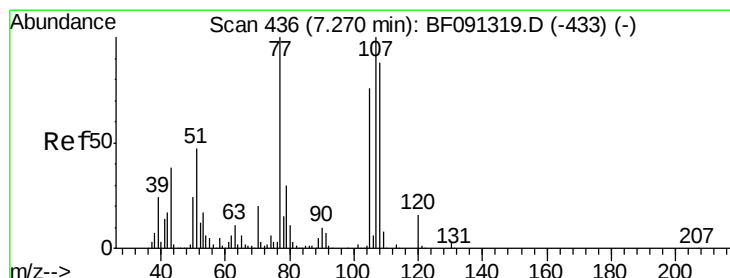
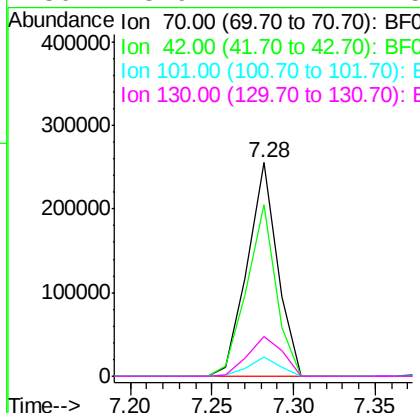




#19
n-Nitroso-di-n-propylamine
Concen: 38.45 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

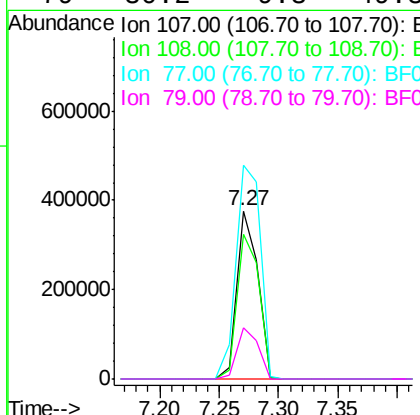
Instrument :
BNA_F
ClientSampleId :

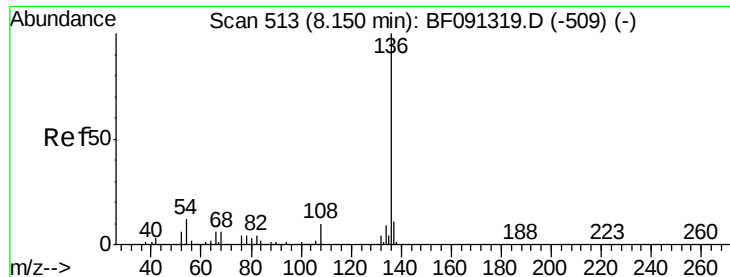
Tot Ion: 70 Resp: 327832
Ion Ratio Lower Upper
70 100
42 80.2 64.8 97.2
101 8.8 6.2 9.4
130 18.9 11.7 17.5#



#20
3+4-Methylphenols
Concen: 39.74 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion: 107 Resp: 462350
Ion Ratio Lower Upper
107 100
108 86.4 64.6 104.6
77 127.1 30.9 70.9#
79 30.2 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091344.D

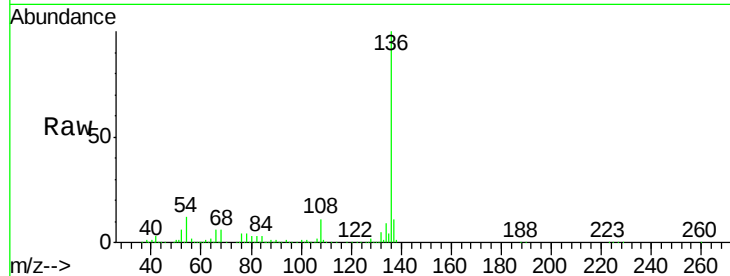
Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	709204
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	11.7	9.1 13.7
68	5.6	5.9 8.9#

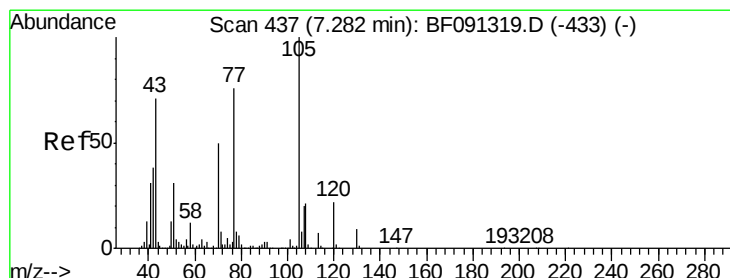
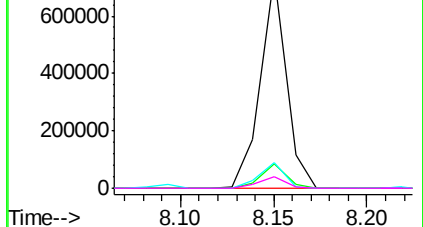
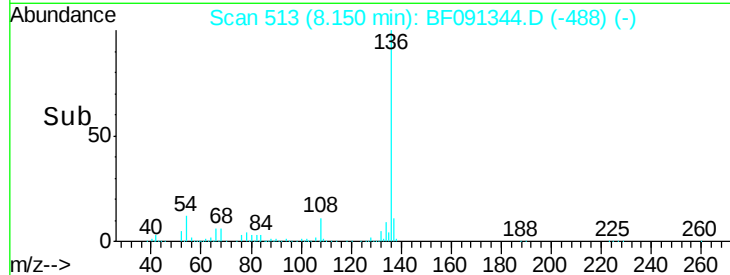


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.86 ng

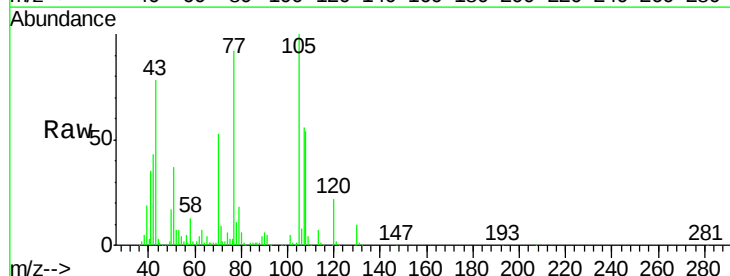
RT: 7.28 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:105	Resp:	669999
Ion Ratio	Lower	Upper
105	100	
71	8.9	7.9 11.9
51	37.1	24.5 36.7#
120	21.8	16.6 24.8

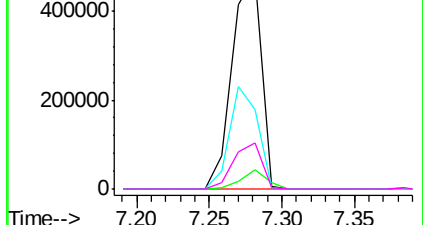
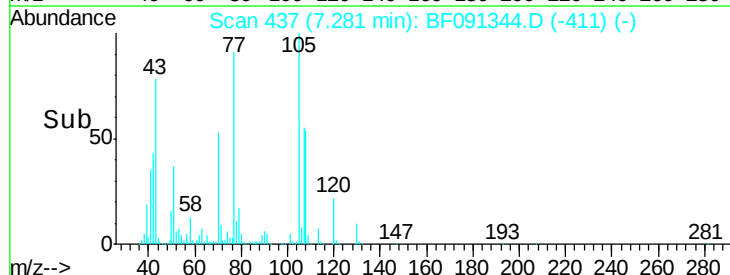


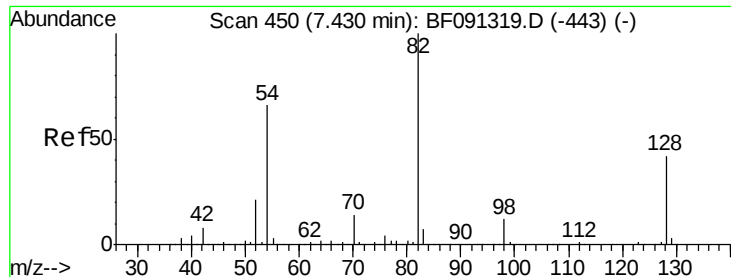
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

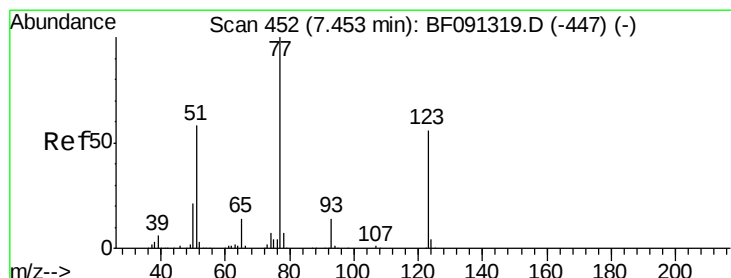
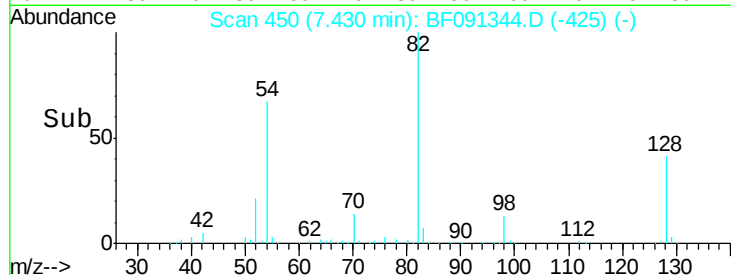
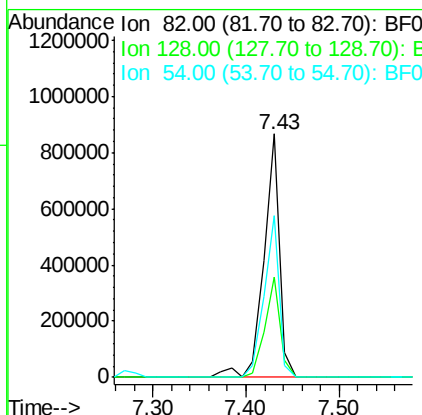
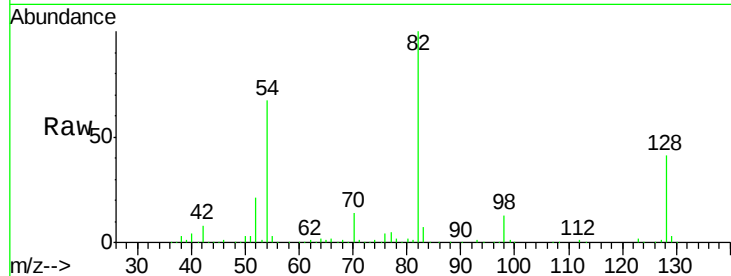




#23
 Nitrobenzene-d5
 Concen: 80.34 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

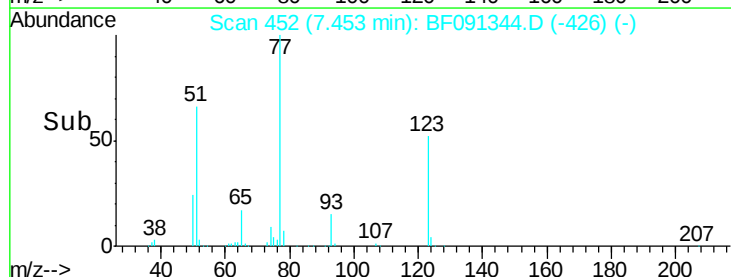
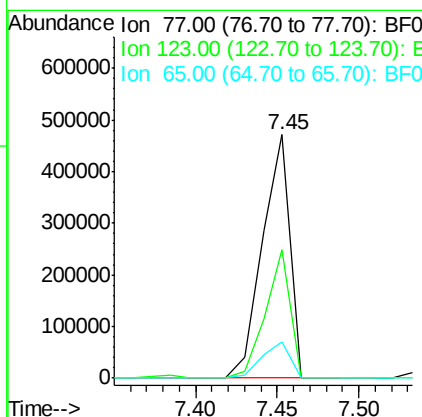
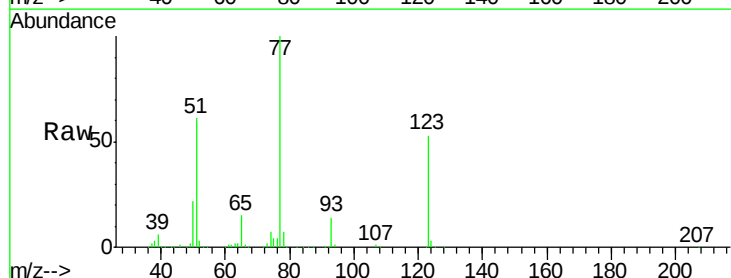
Instrument :
 BNA_F
 ClientSampleId :

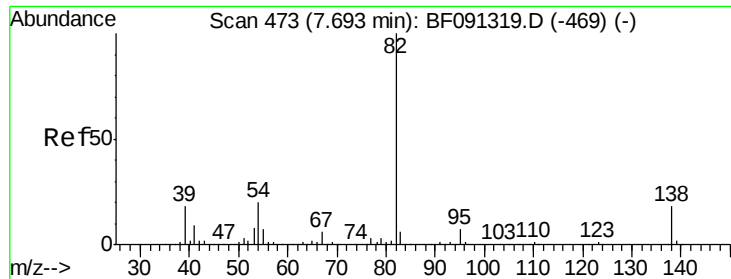
Tot Ion: 82 Resp: 1016734
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.6
 54 66.6 49.1 73.7



#24
 Nitrobenzene
 Concen: 42.45 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion: 77 Resp: 550044
 Ion Ratio Lower Upper
 77 100
 123 52.8 28.5 42.7#
 65 15.0 12.5 18.7





#25

Isophorone

Concen: 43.01 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

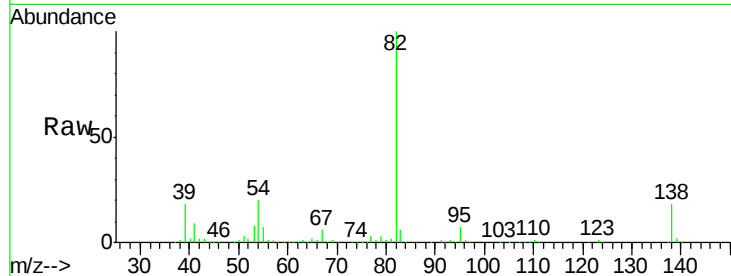
Tot Ion: 82 Resp: 964313

Ion Ratio Lower Upper

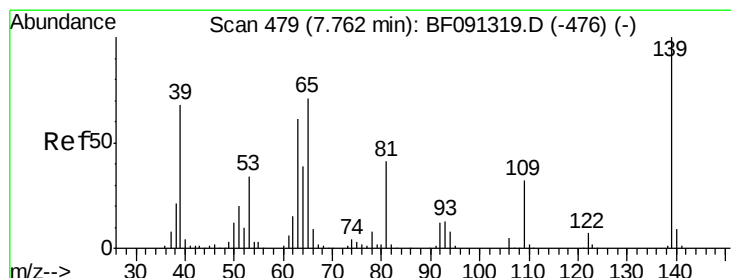
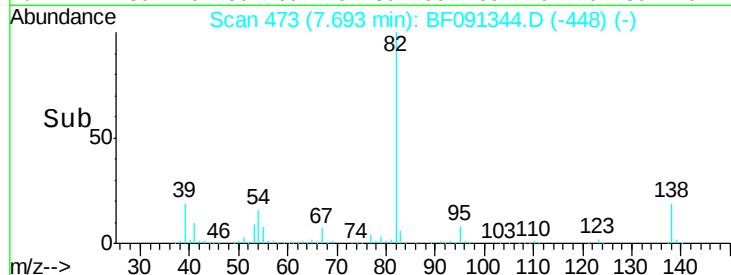
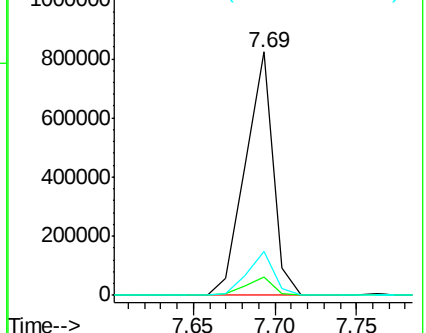
82 100

95 7.4 5.7 8.5

138 17.9 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: 39.76 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

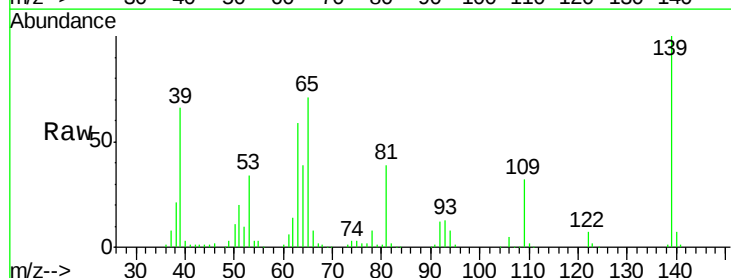
Tgt Ion: 139 Resp: 234792

Ion Ratio Lower Upper

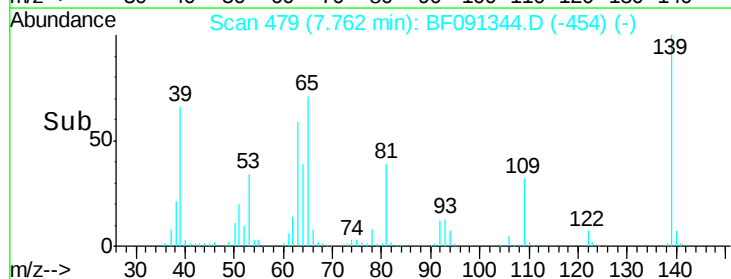
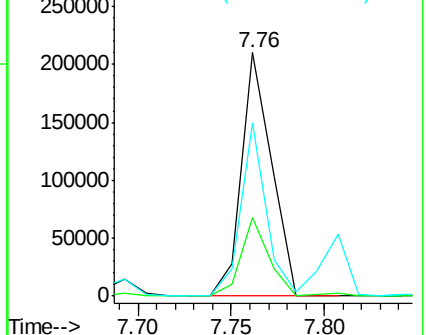
139 100

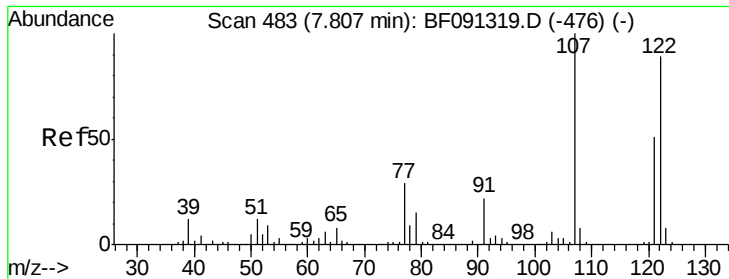
109 32.3 25.3 37.9

65 71.1 55.4 83.2



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

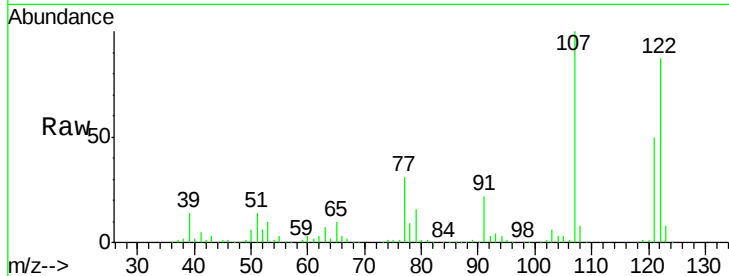




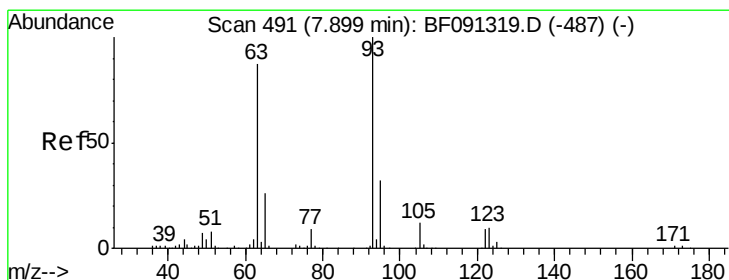
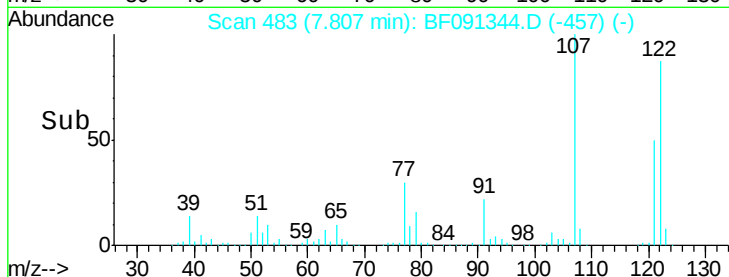
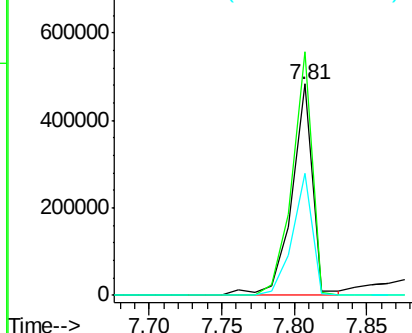
#27
 2,4-Dimethylphenol
 Concen: 43.52 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 480762
 Ion Ratio Lower Upper
 122 100
 107 115.3 96.8 145.2
 121 57.8 47.7 71.5

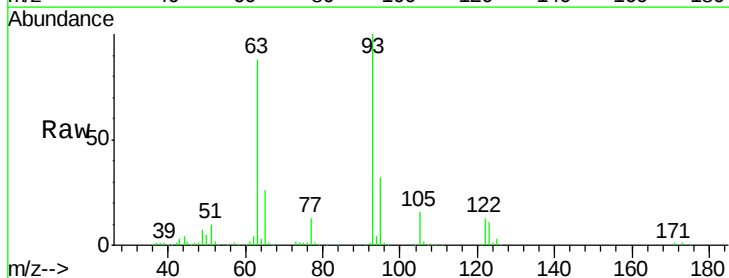


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

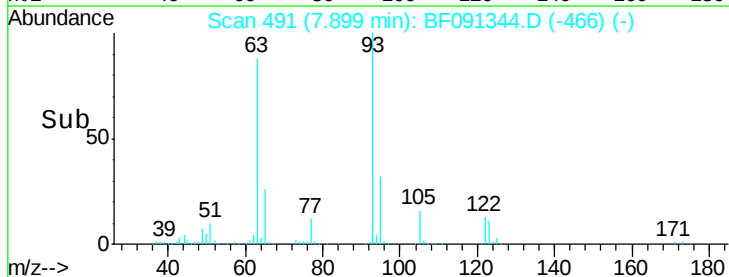
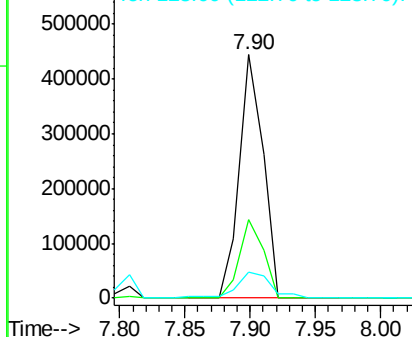


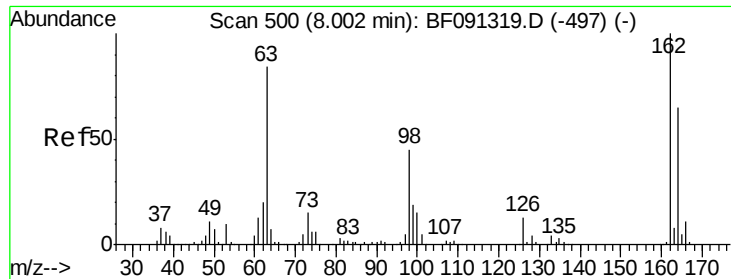
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.63 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion: 93 Resp: 561797
 Ion Ratio Lower Upper
 93 100
 95 32.1 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

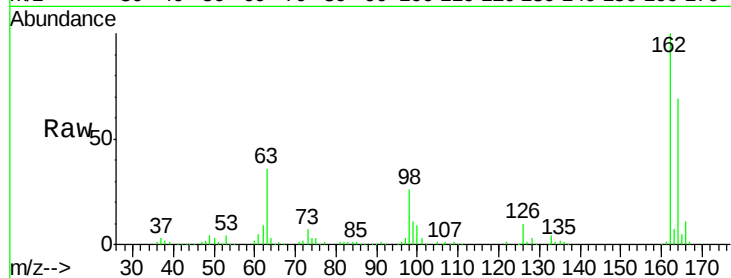




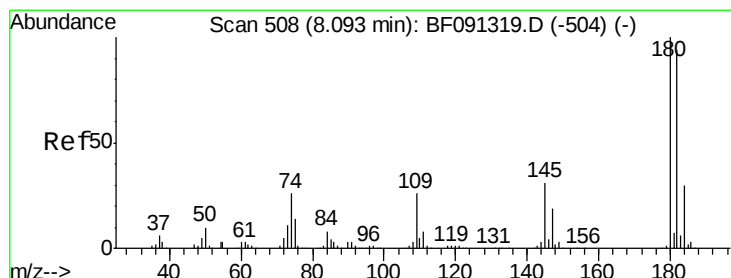
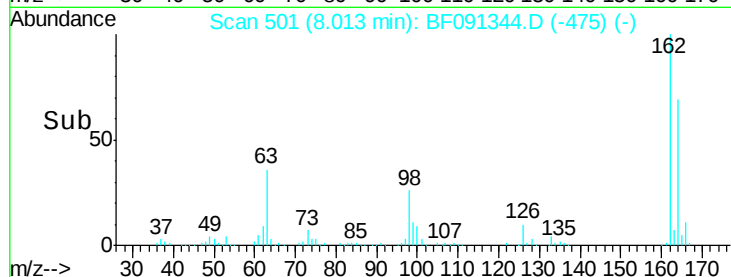
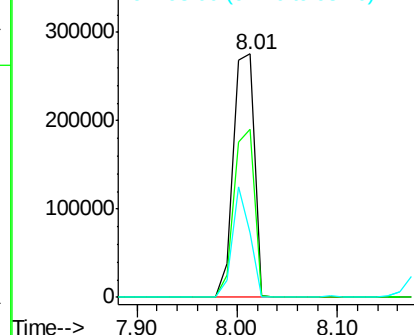
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 403699
 Ion Ratio Lower Upper
 162 100
 164 68.8 45.0 85.0
 98 26.4 21.3 61.3

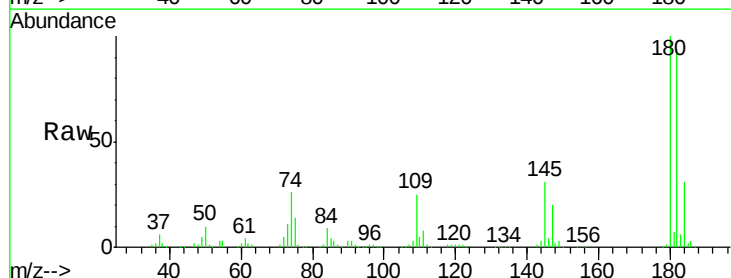


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

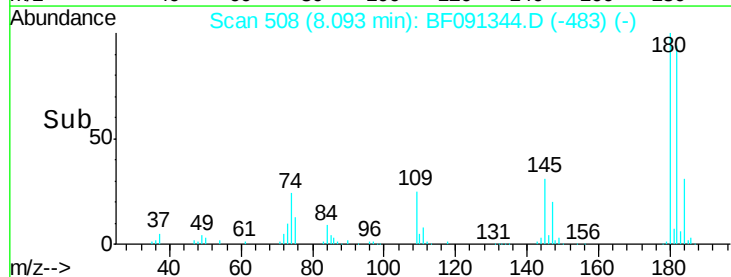
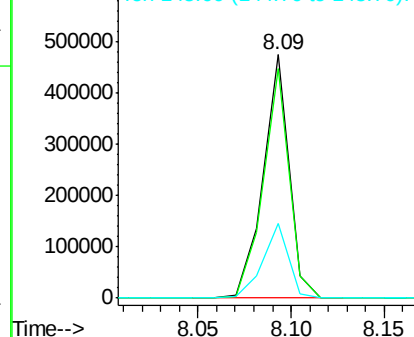


#30
 1,2,4-Trichlorobenzene
 Concen: 41.44 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:180 Resp: 451420
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.8
 145 30.6 27.0 40.4



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





#31

Naphthalene

Concen: 39.94 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

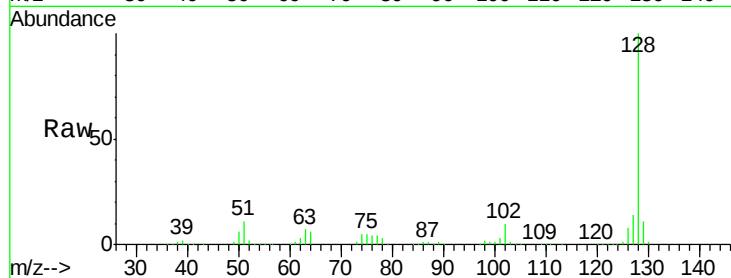
Tot Ion:128 Resp: 1346152

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

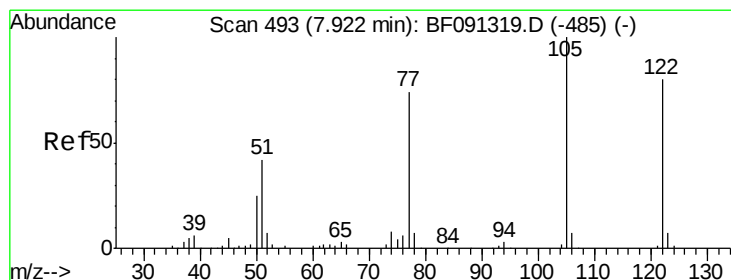
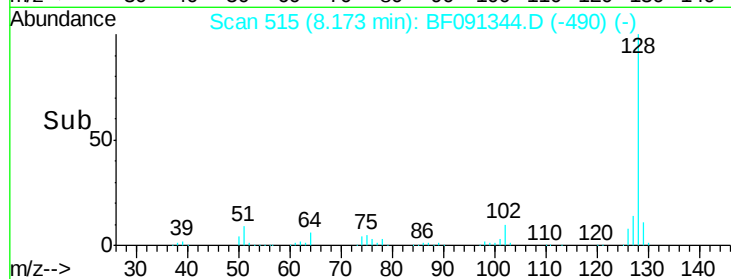
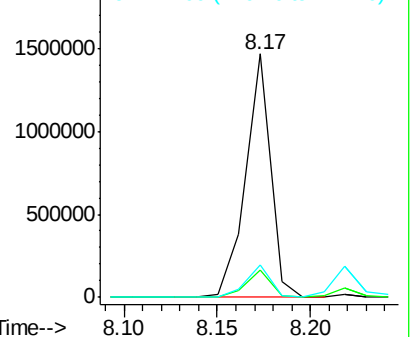
127 13.5 11.0 16.4



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: 41.35 ng

RT: 7.93 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

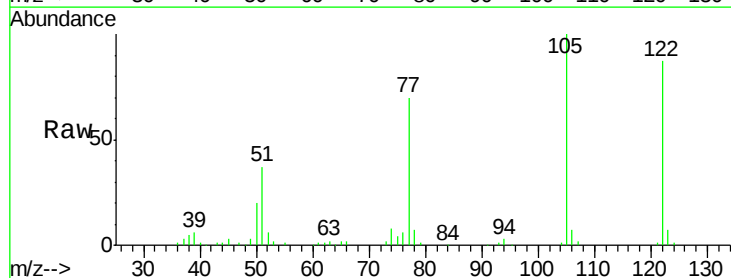
Tgt Ion:122 Resp: 336645

Ion Ratio Lower Upper

122 100

105 115.4 113.0 153.0

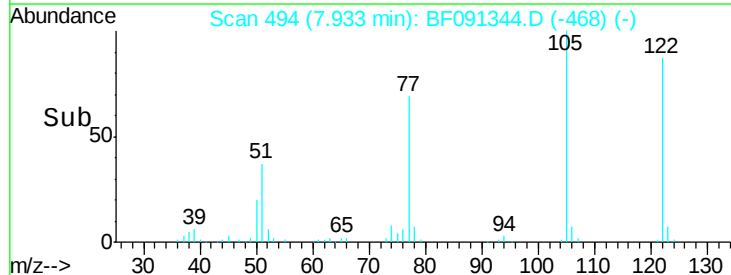
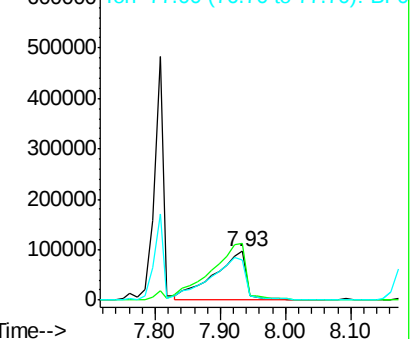
77 81.1 82.0 122.0#



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

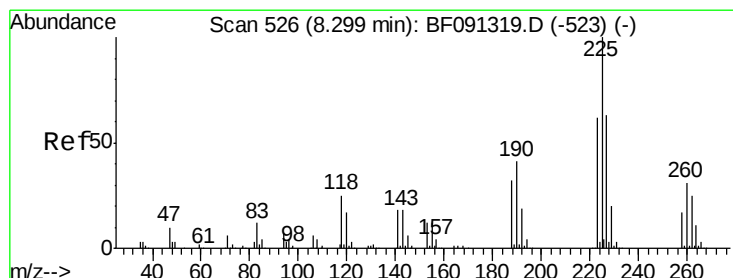
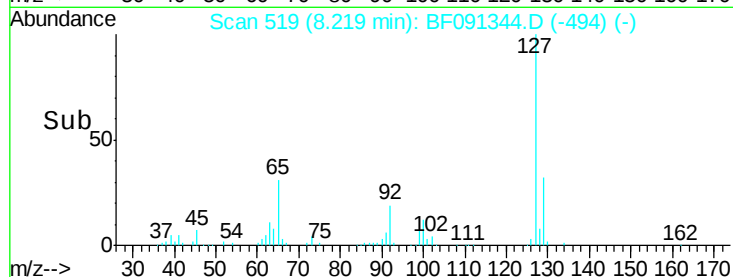
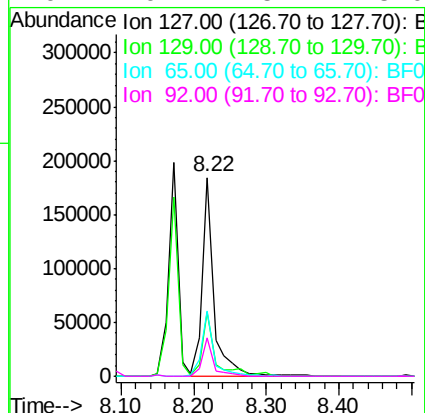
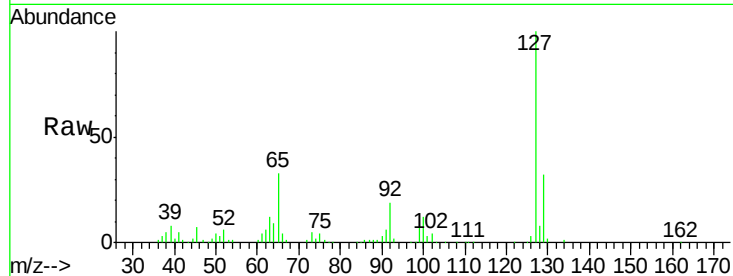




#33
 4-Chloroaniline
 Concen: 14.47 ng
 RT: 8.22 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

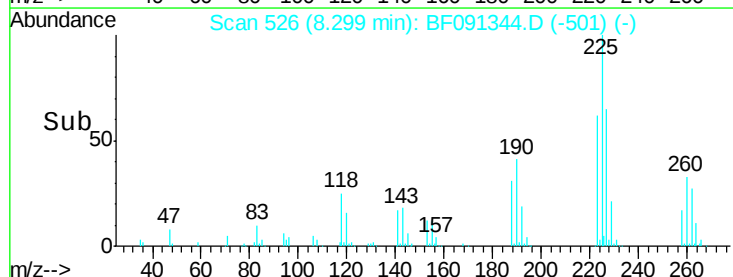
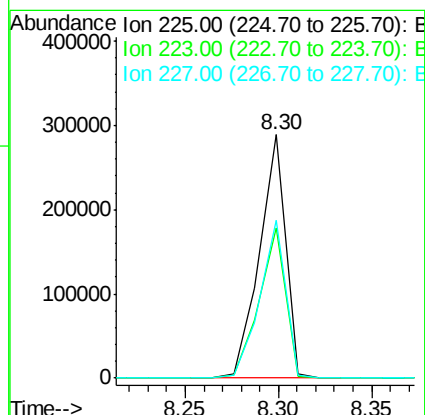
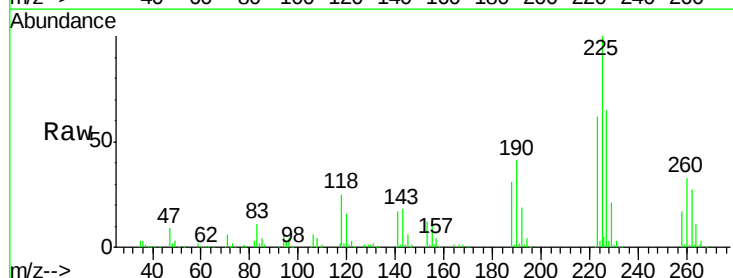
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	208565
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	32.9	26.6	39.8
92	19.1	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 41.53 ng
 RT: 8.30 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:	225	Resp:	278198
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.6
227	64.7	52.6	79.0

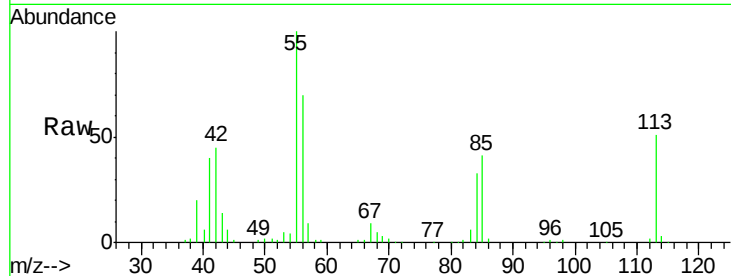




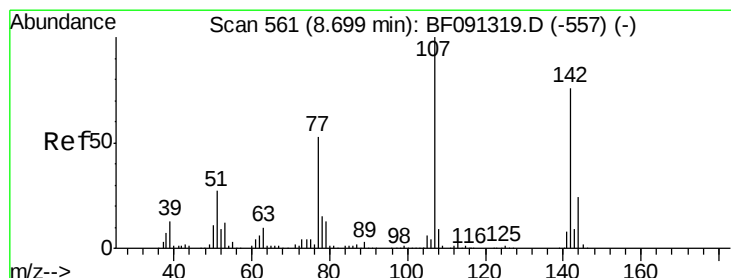
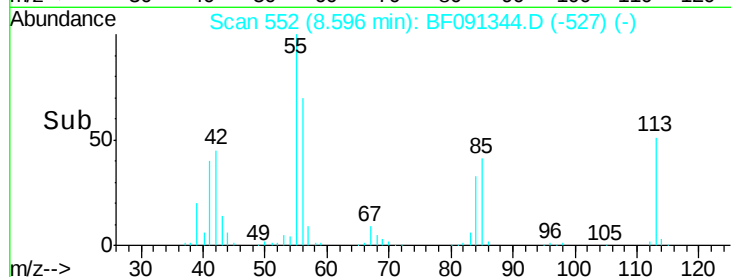
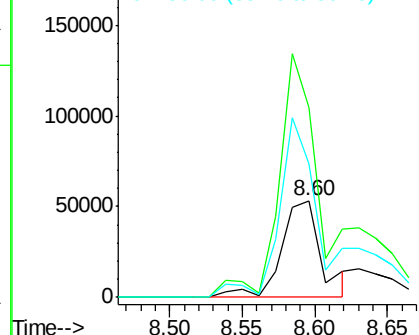
#35
Caprolactam
Concen: 36.04 ng
RT: 8.60 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 100665
Ion Ratio Lower Upper
113 100
55 197.2 239.8 279.8#
56 138.4 165.6 205.6#

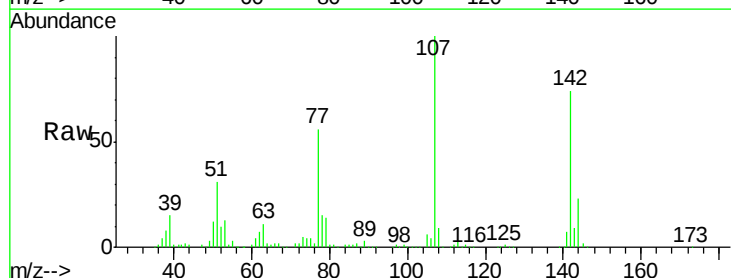


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

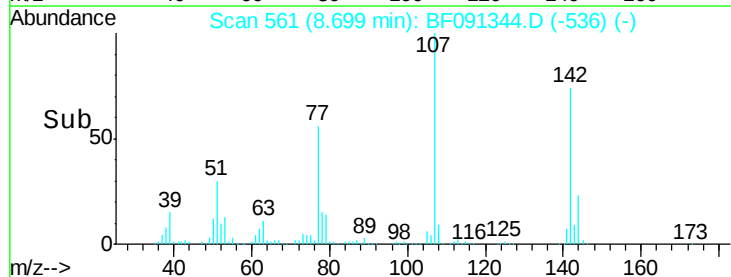
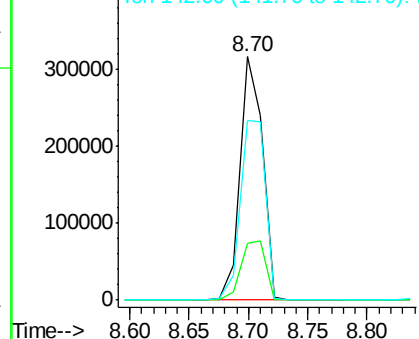


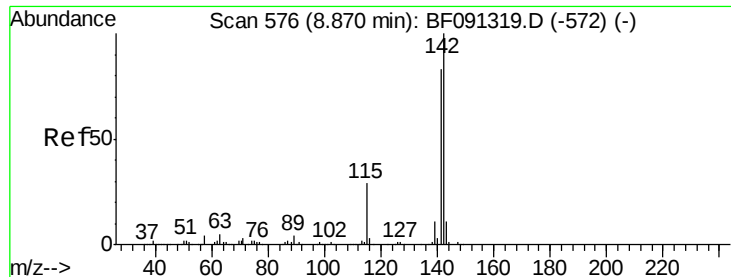
#36
4-Chloro-3-methylphenol
Concen: 39.88 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:107 Resp: 418398
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.8 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

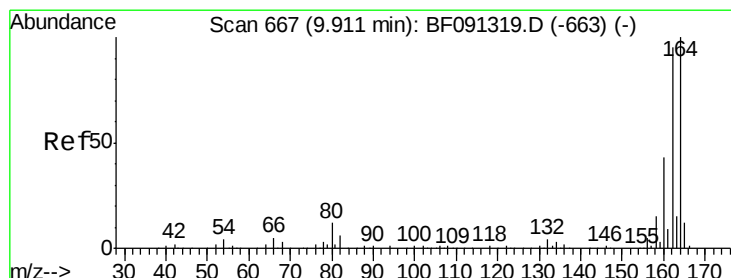
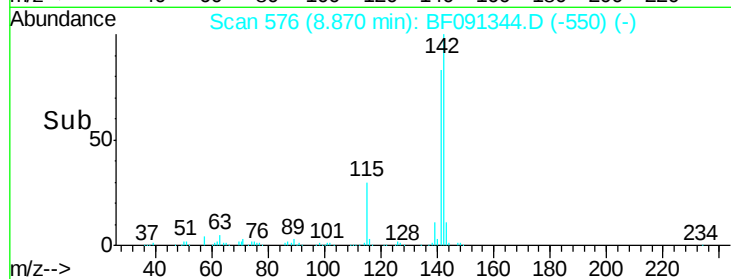
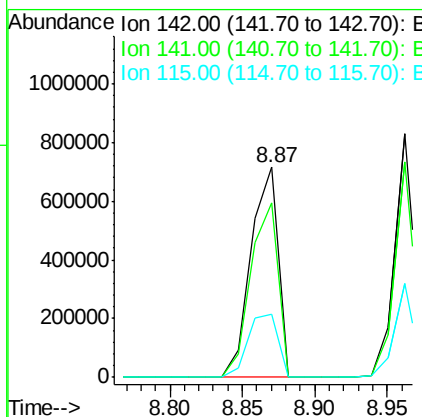
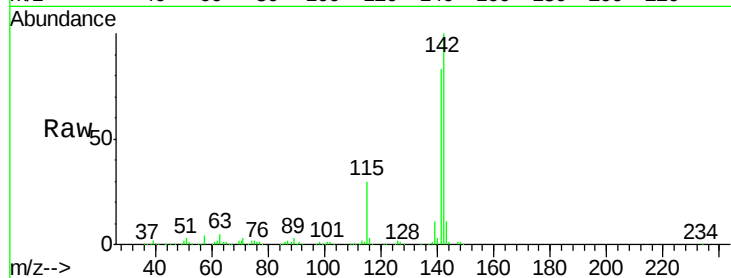




#37
 2-Methylnaphthalene
 Concen: 40.58 ng
 RT: 8.87 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

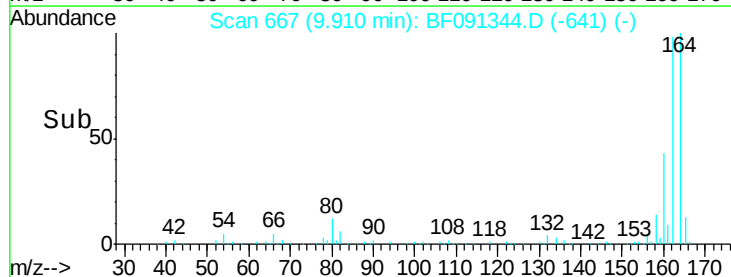
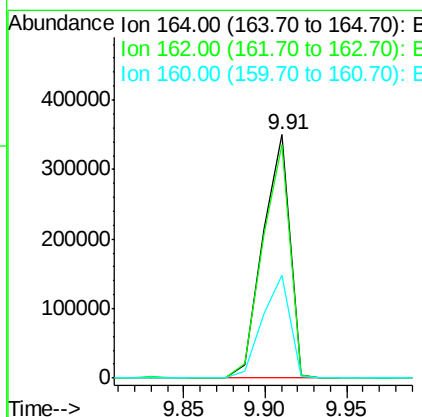
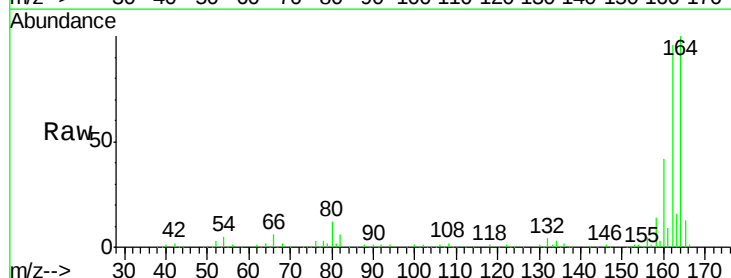
Instrument :
 BNA_F
 ClientSampleID :

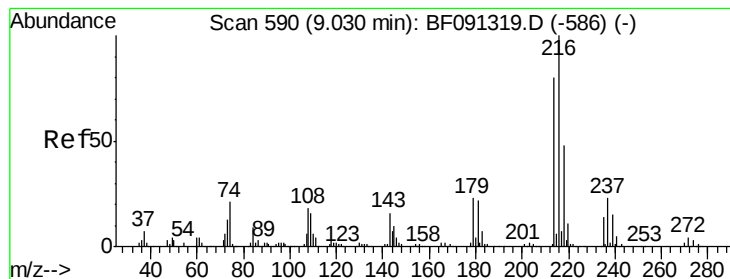
Tot Ion:142 Resp: 929190
 Ion Ratio Lower Upper
 142 100
 141 83.2 71.7 107.5
 115 29.9 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:164 Resp: 403235
 Ion Ratio Lower Upper
 164 100
 162 95.9 82.6 124.0
 160 42.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.36 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 401997

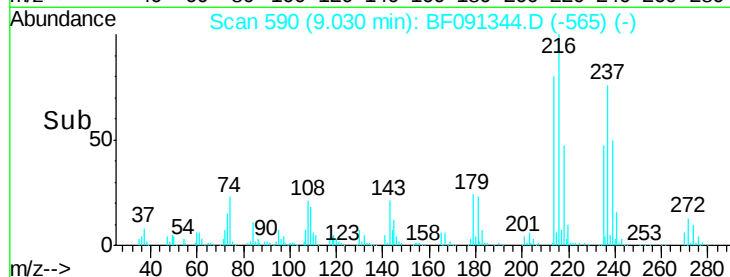
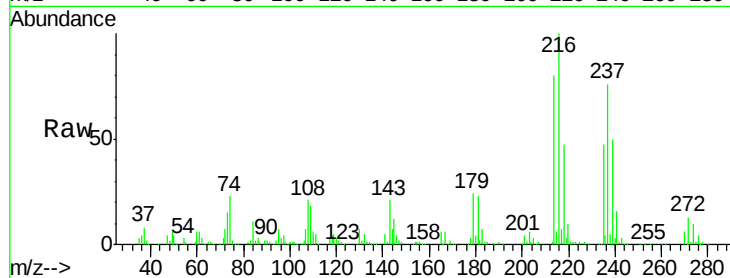
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 21.7 18.2 27.2

108 21.7 17.2 25.8

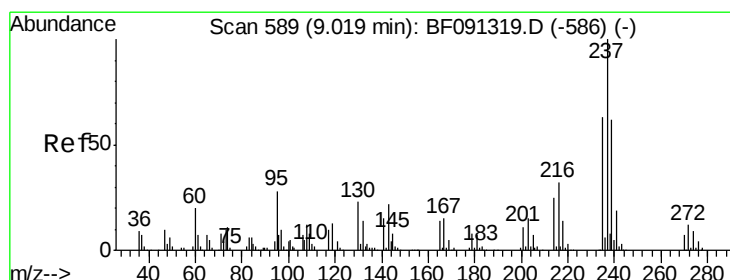
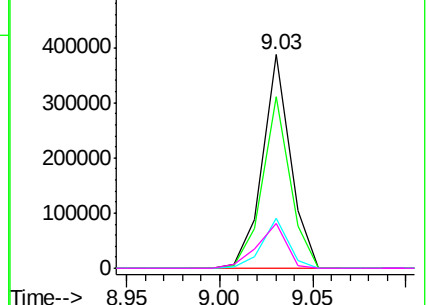


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.03 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

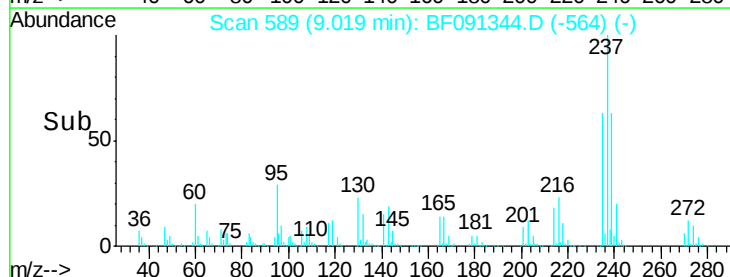
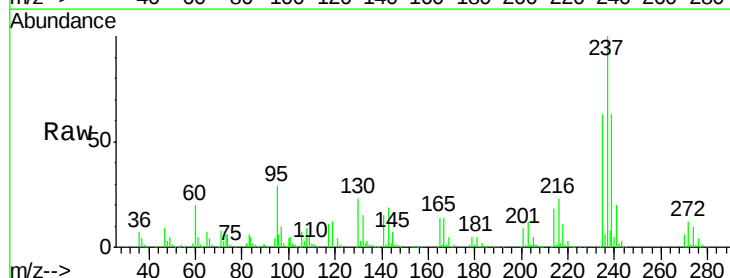
Tgt Ion:237 Resp: 516525

Ion Ratio Lower Upper

237 100

235 63.3 43.9 83.9

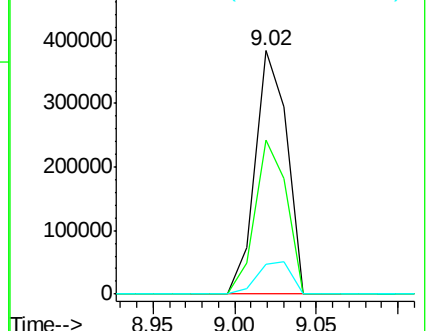
272 12.4 0.0 33.1

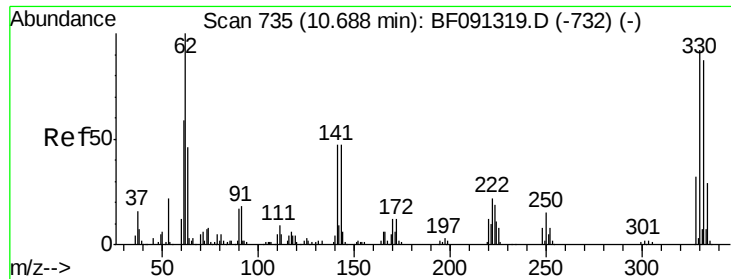


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

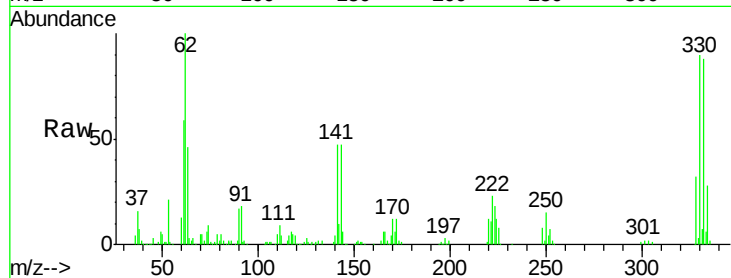




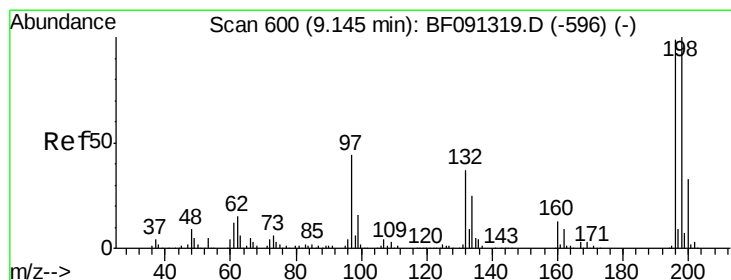
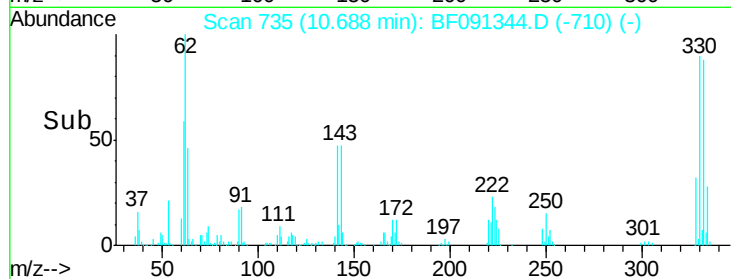
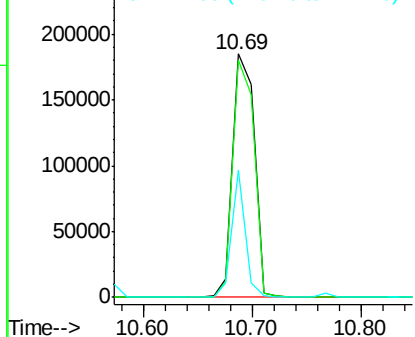
#41
 2,4,6-Tribromophenol
 Concen: 65.81 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	33.1	33.6	50.4

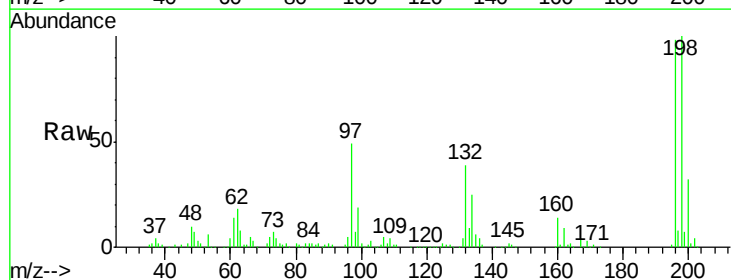


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

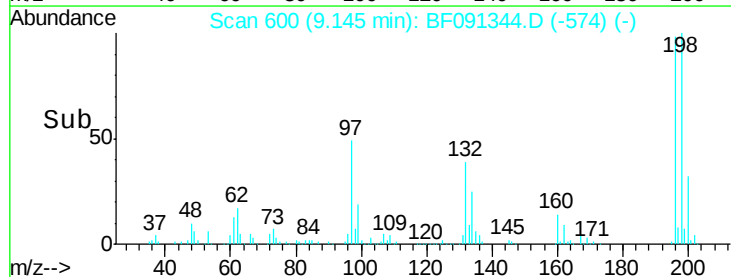
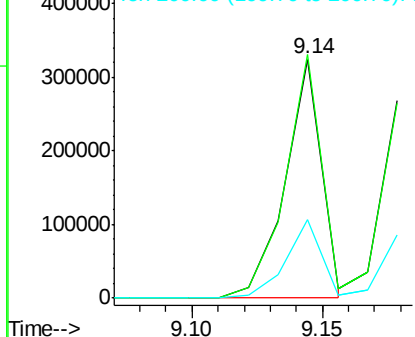


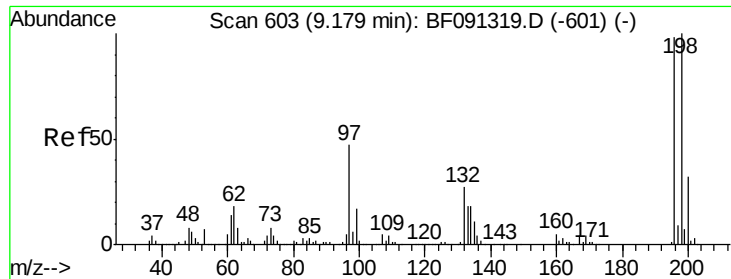
#42
 2,4,6-Trichlorophenol
 Concen: 42.49 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	77.4	116.0
200	32.8	25.2	37.8



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

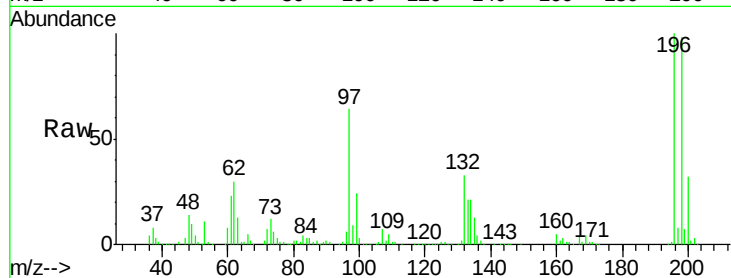




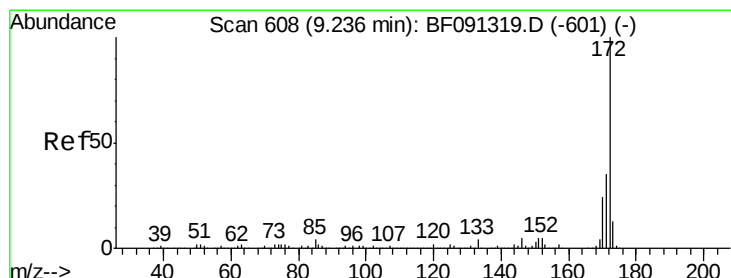
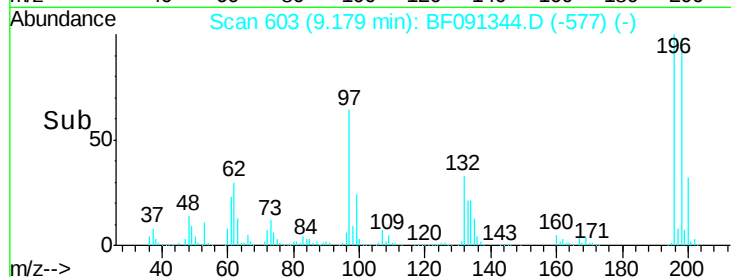
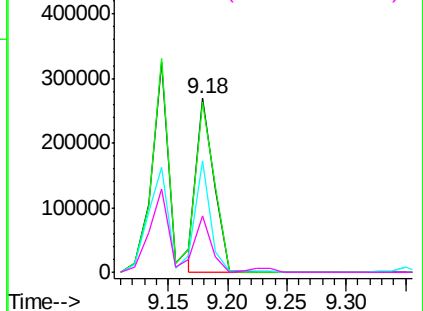
#43
 2,4,5-Trichlorophenol
 Concen: 37.48 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 277455
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.0 115.6
 97 64.2 33.5 50.3#
 132 32.6 20.5 30.7#

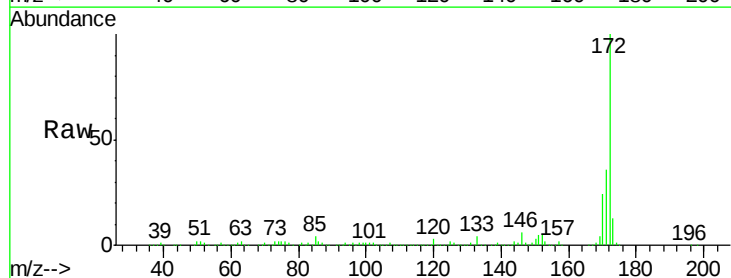


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

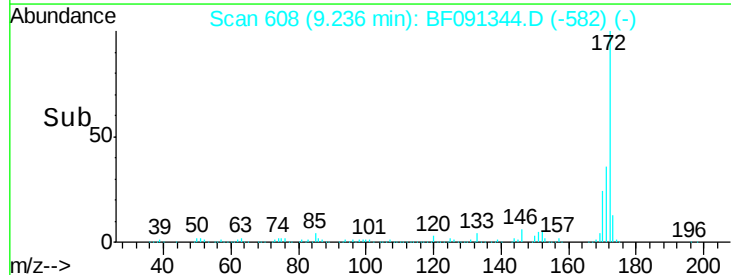
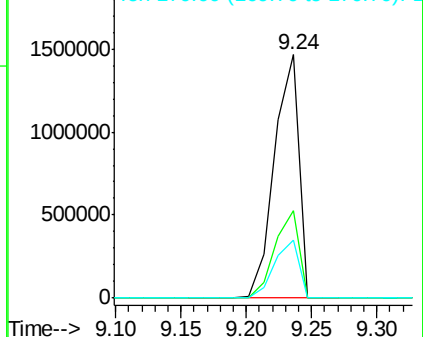


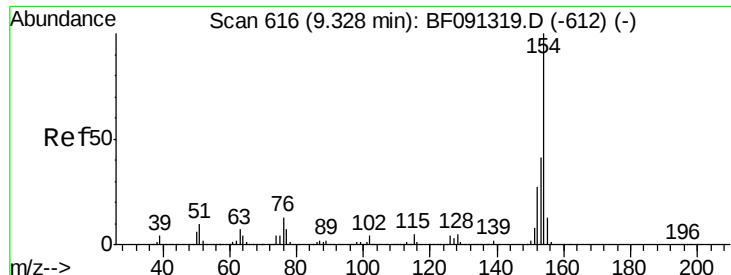
#44
 2-Fluorobiphenyl
 Concen: 86.95 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:172 Resp: 1936401
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 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

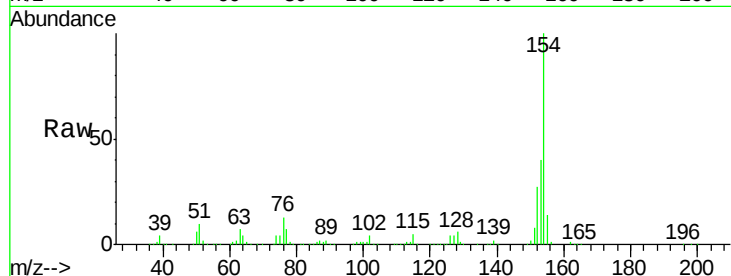




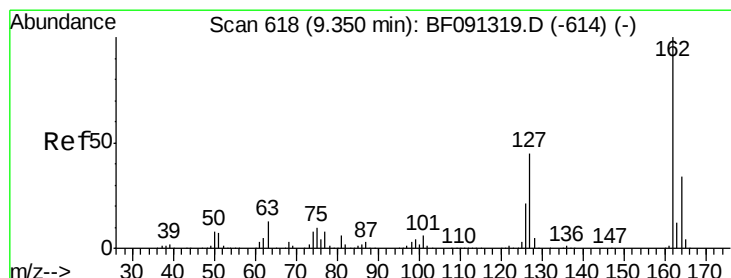
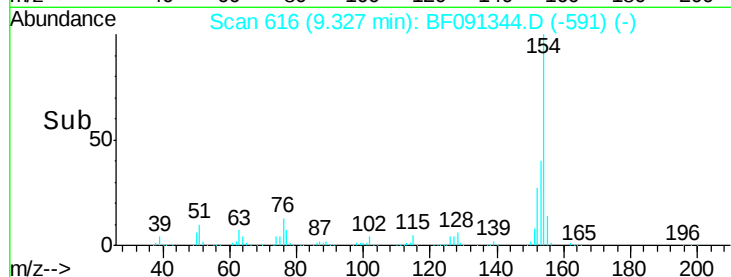
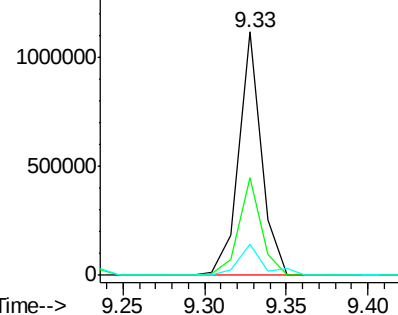
#45
 1,1'-Biphenyl
 Concen: 36.94 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:154 Resp: 1071083
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 12.7 0.0 36.6

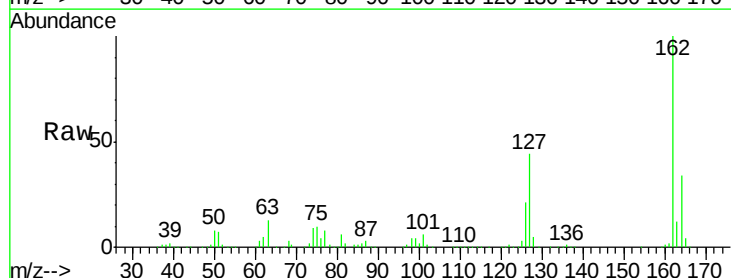


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

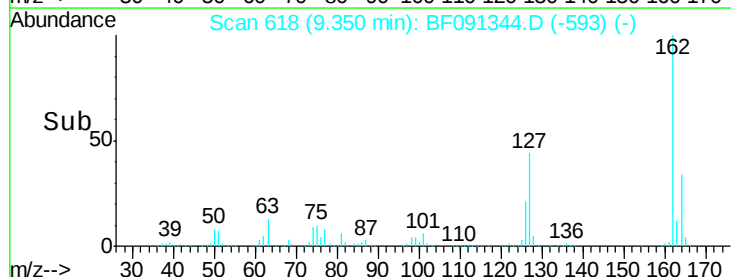
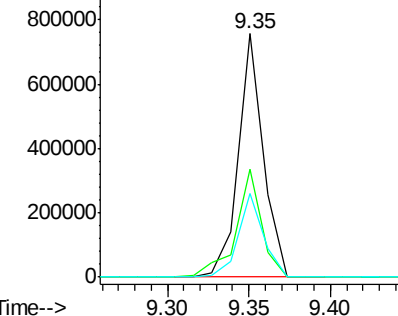


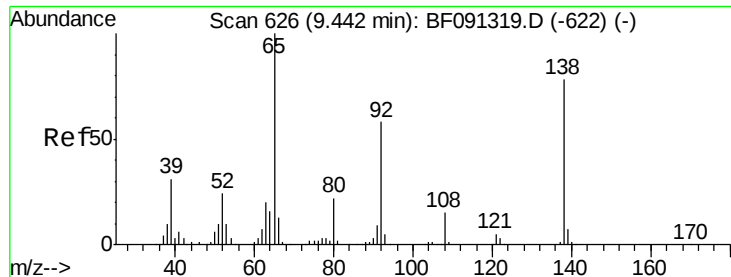
#46
 2-Chloronaphthalene
 Concen: 37.19 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:162 Resp: 803103
 Ion Ratio Lower Upper
 162 100
 127 44.5 34.3 51.5
 164 34.3 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

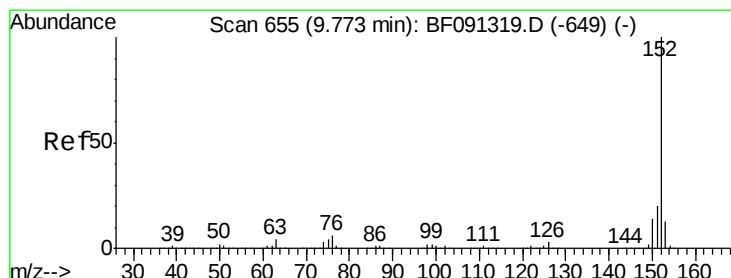
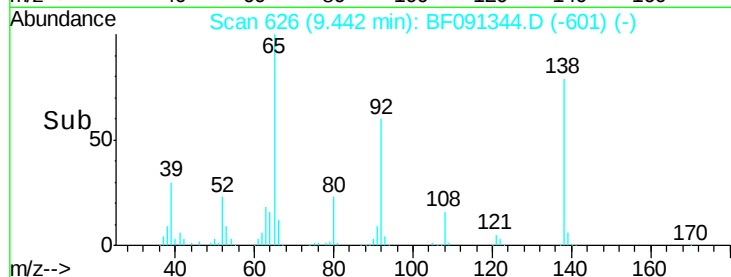
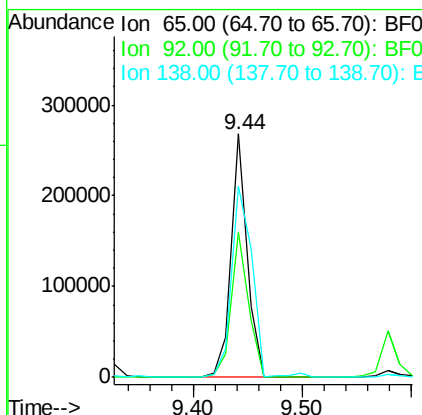
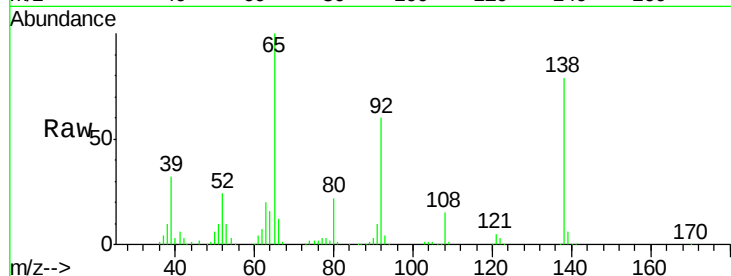




#47
 2-Nitroaniline
 Concen: 35.06 ng
 RT: 9.44 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

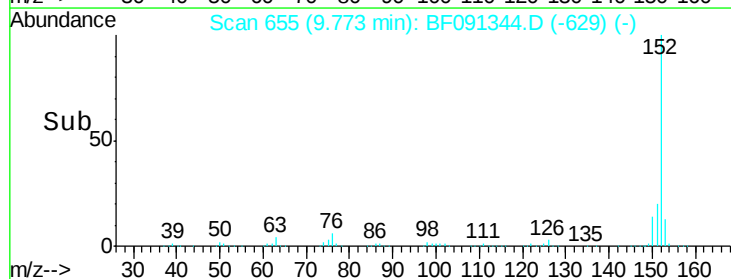
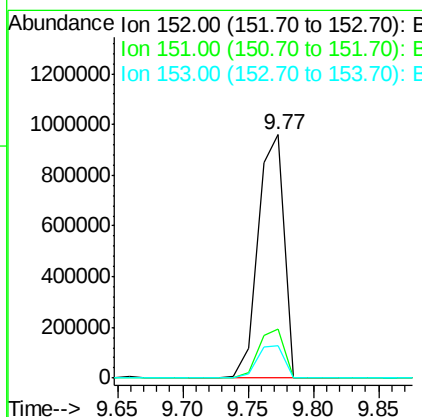
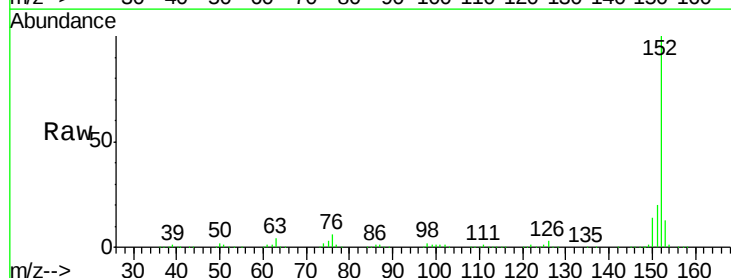
Instrument :
 BNA_F
 ClientSampleId :

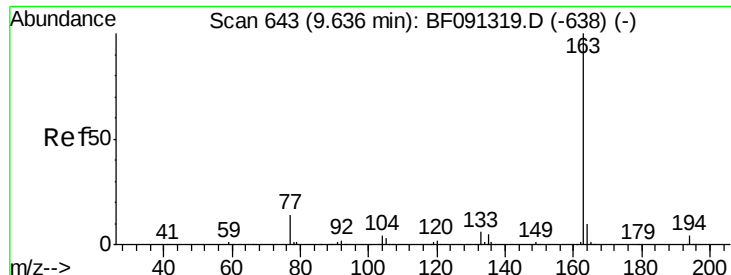
Tot Ion: 65 Resp: 271917
 Ion Ratio Lower Upper
 65 100
 92 59.6 53.6 80.4
 138 78.5 91.0 136.6#



#48
 Acenaphthylene
 Concen: 39.05 ng
 RT: 9.77 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion: 152 Resp: 1327524
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.6 24.8
 153 13.3 10.7 16.1

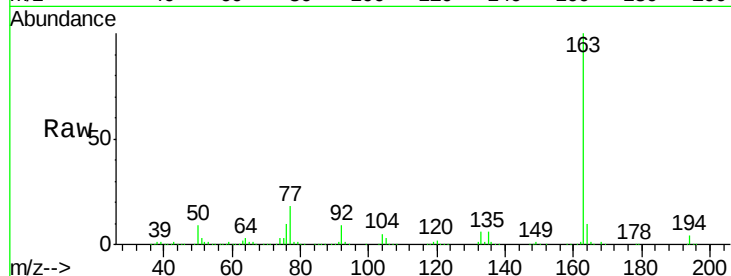




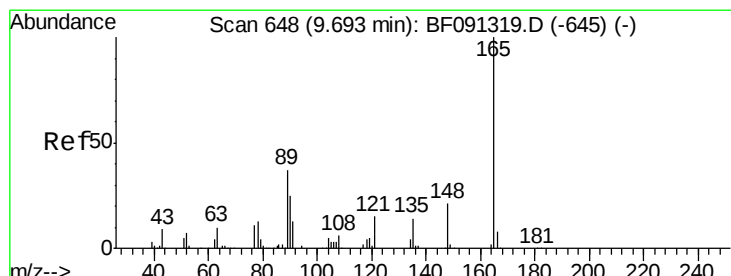
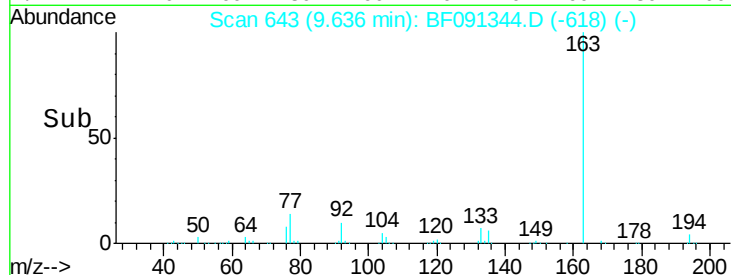
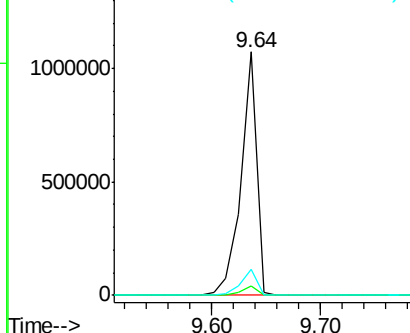
#49
Dimethylphthalate
Concen: 43.10 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1052385
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 7.8 11.8

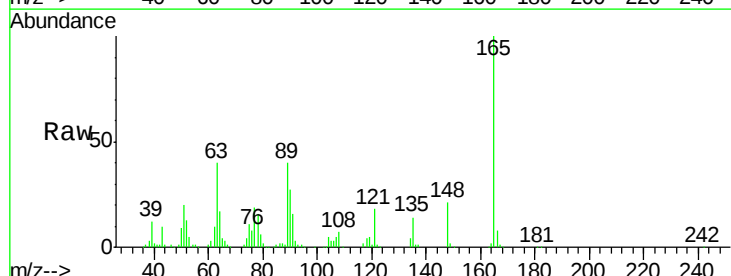


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

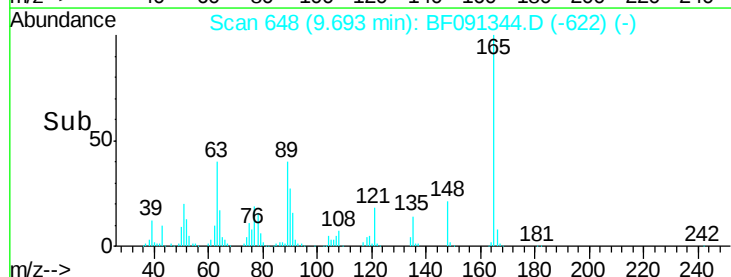
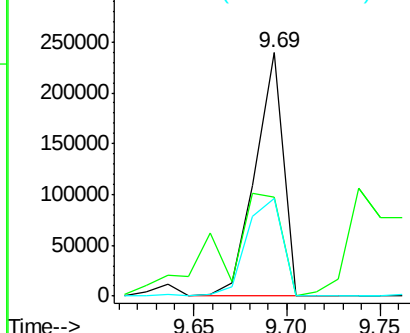


#50
2,6-Dinitrotoluene
Concen: 45.70 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:165 Resp: 249390
Ion Ratio Lower Upper
165 100
63 40.5 59.4 89.0#
89 40.0 50.8 76.2#



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





#51

Acenaphthene

Concen: 43.50 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

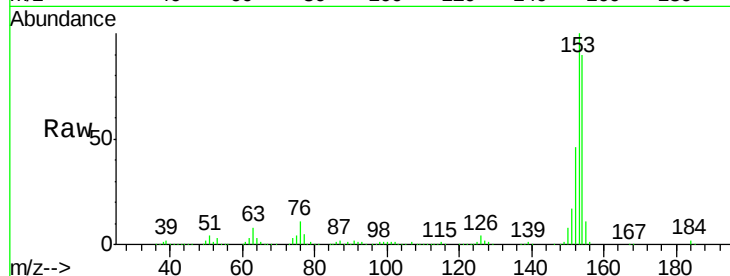
Tot Ion:154 Resp: 997437

Ion Ratio Lower Upper

154 100

153 111.2 91.0 136.6

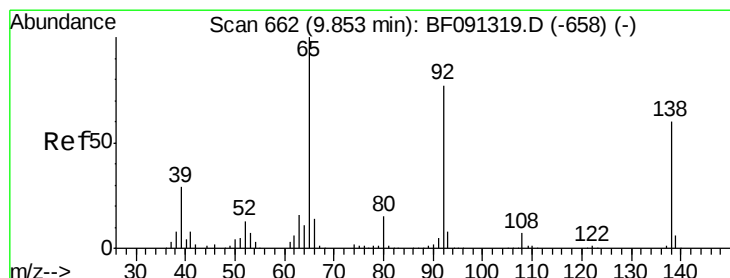
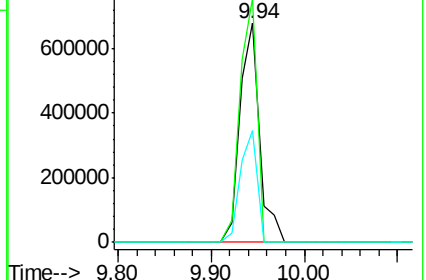
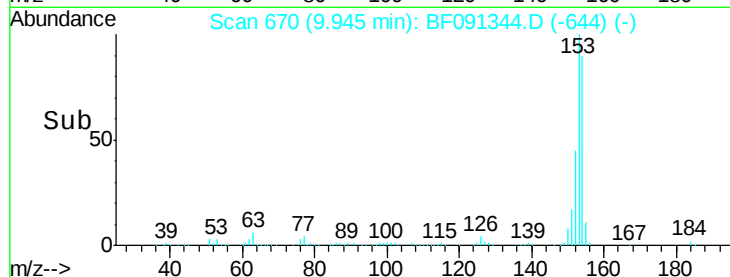
152 50.8 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.75 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

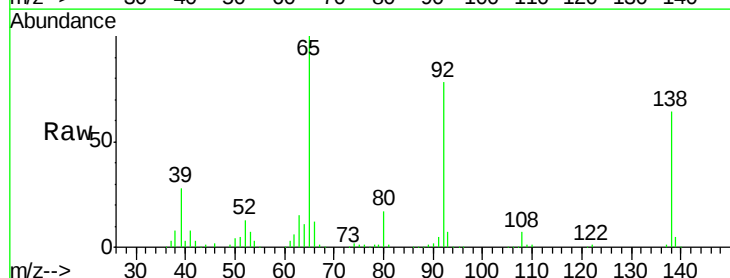
Tgt Ion:138 Resp: 143670

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

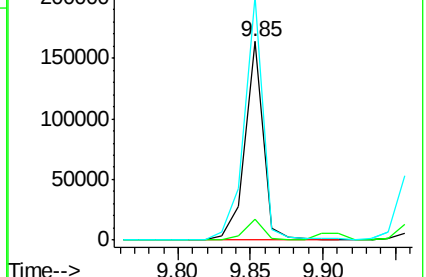
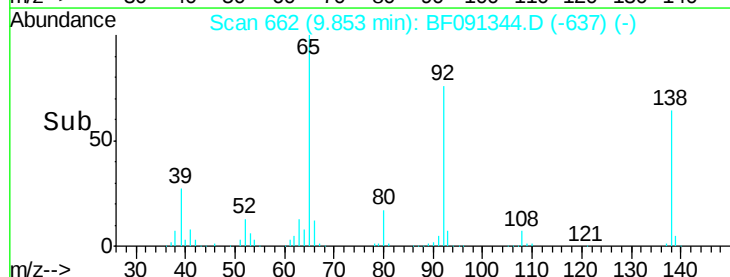
92 122.8 92.5 138.7

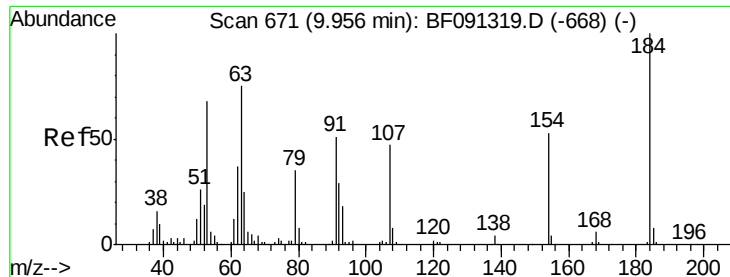


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

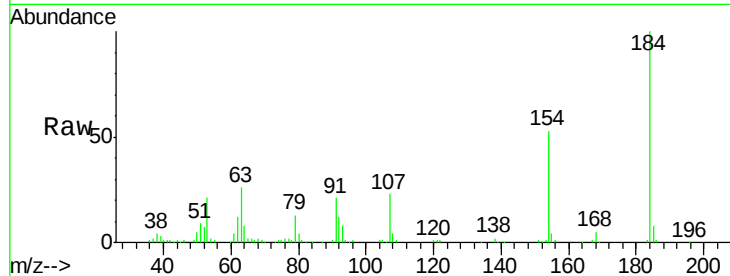




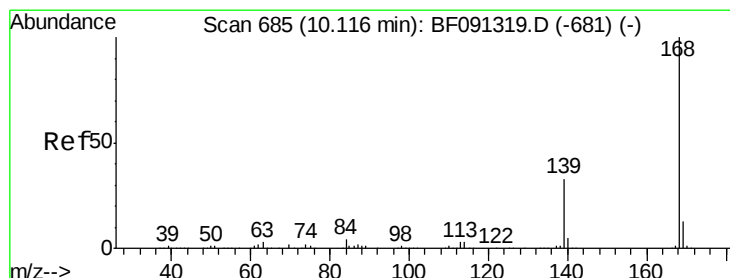
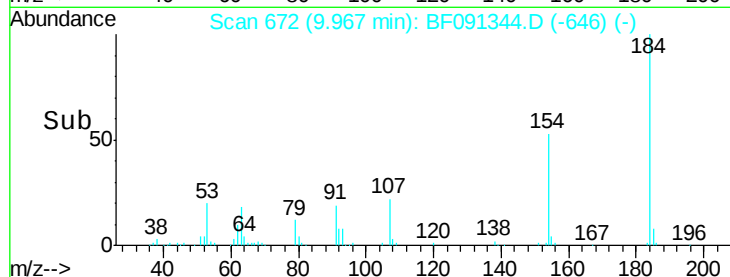
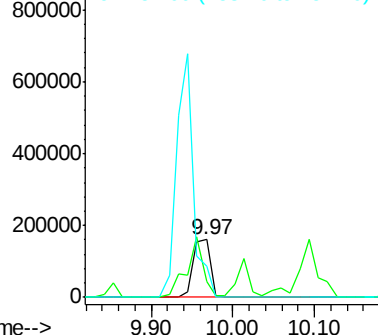
#53
2,4-Dinitrophenol
Concen: 98.33 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 234653
Ion Ratio Lower Upper
184 100
63 26.2 58.3 87.5#
154 52.8 48.6 73.0

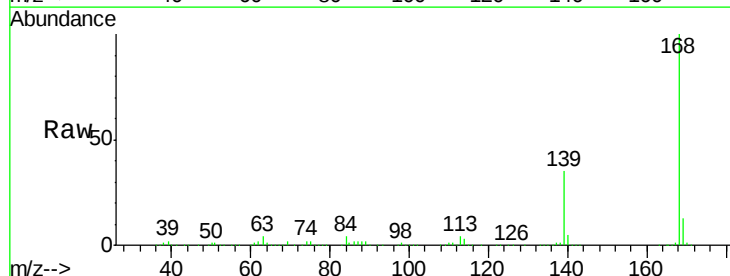


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

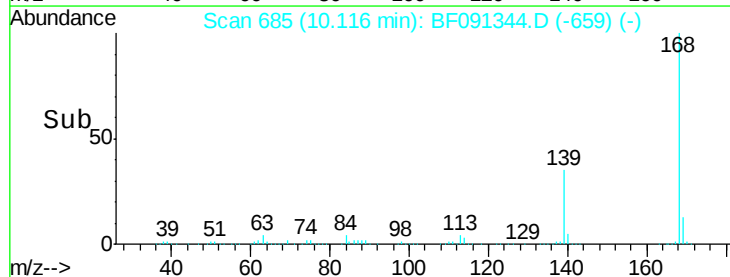
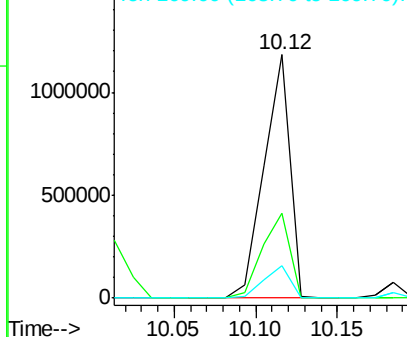


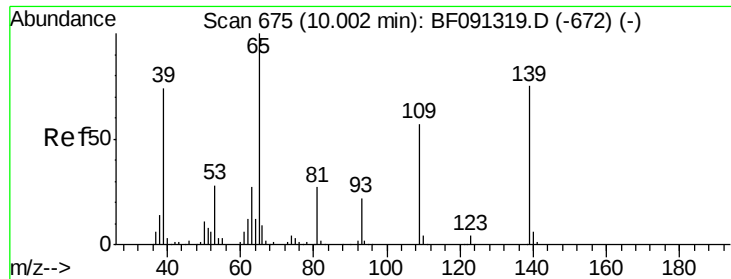
#54
Dibenzofuran
Concen: 42.28 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:168 Resp: 1298024
Ion Ratio Lower Upper
168 100
139 34.9 33.4 50.2
169 13.3 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

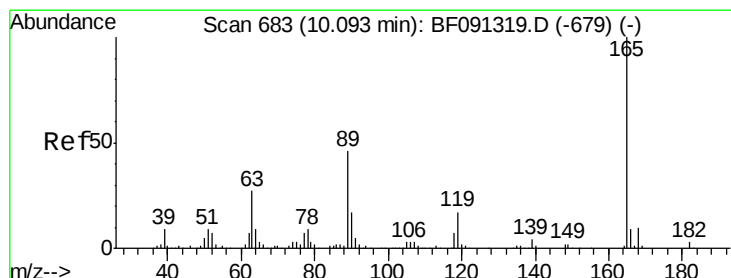
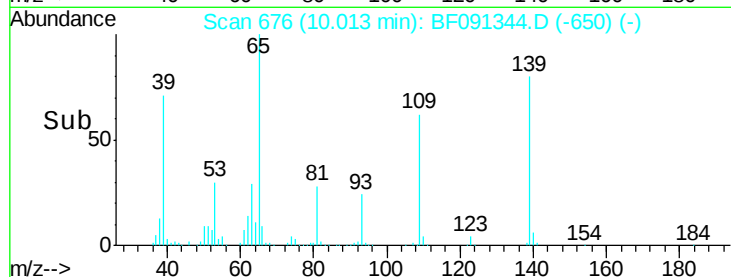
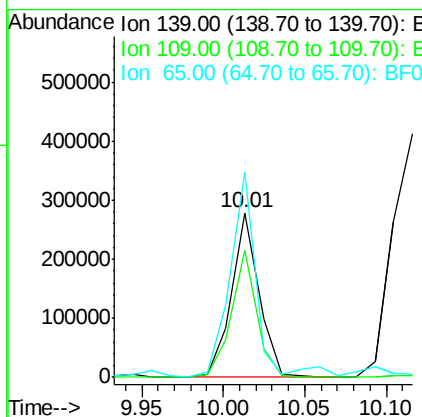
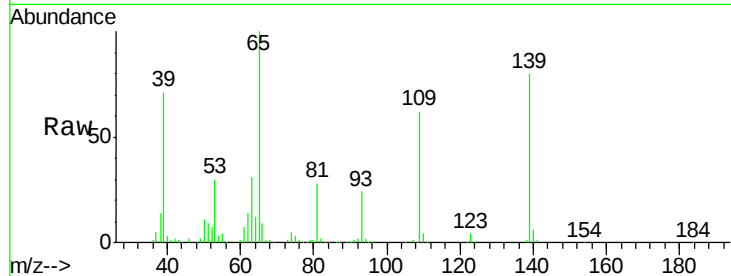




#55
4-Nitrophenol
Concen: 71.38 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

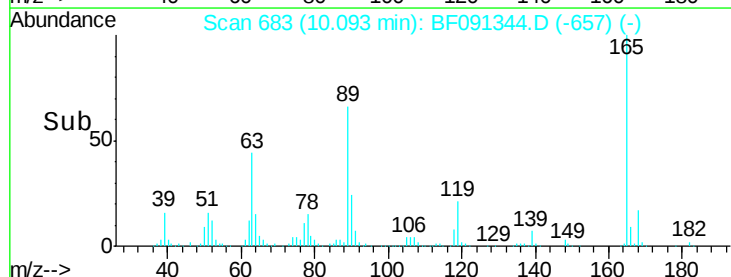
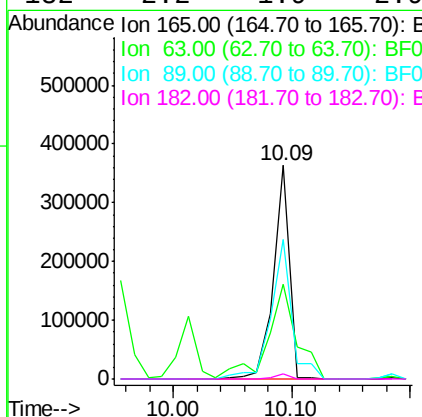
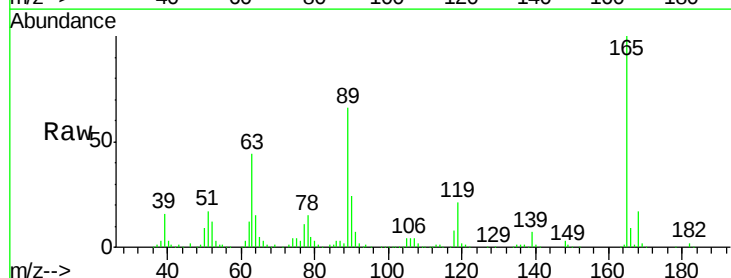
Instrument :
BNA_F
ClientSampleId :

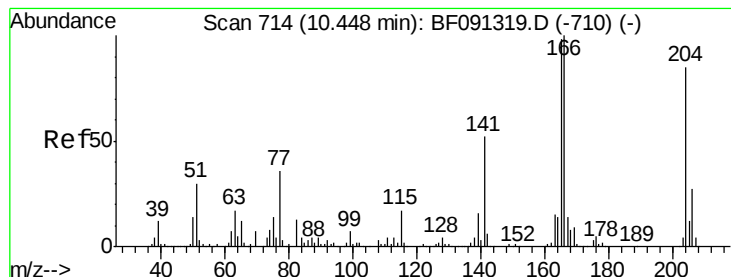
Tot Ion:139 Resp: 325638
Ion Ratio Lower Upper
139 100
109 77.4 54.9 94.9
65 125.0 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 47.97 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:165 Resp: 339571
Ion Ratio Lower Upper
165 100
63 44.2 29.0 43.4#
89 65.6 43.1 64.7#
182 2.2 1.9 2.9





#57

Fluorene

Concen: 39.73 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

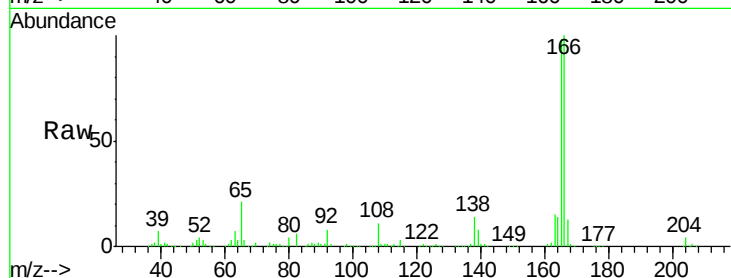
Tot Ion:166 Resp: 936286

Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.46

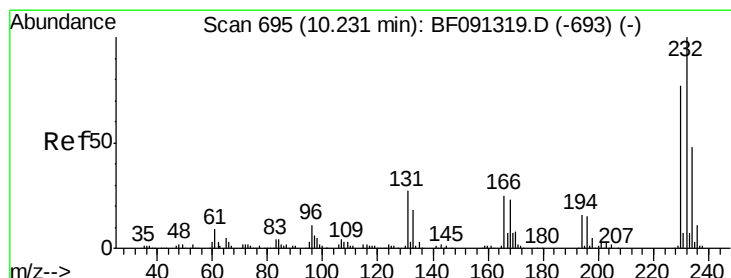
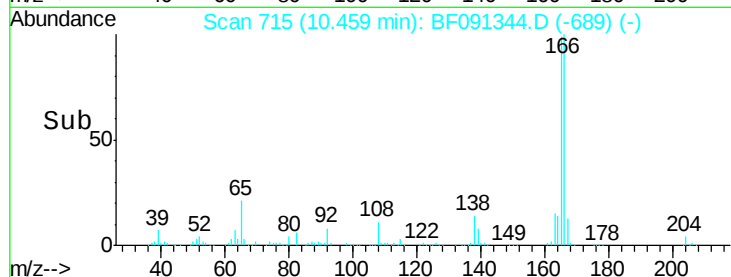
600000

400000

200000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.35 ng

RT: 10.23 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Tgt Ion:232 Resp: 286691

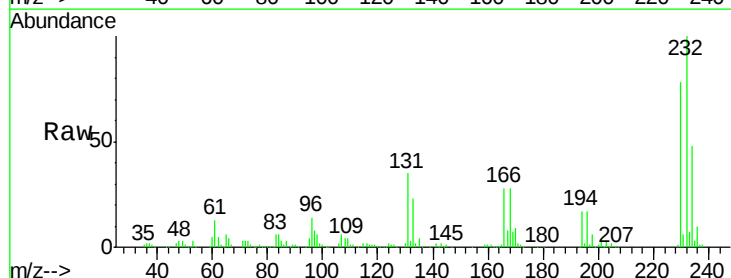
Ion Ratio Lower Upper

232 100

131 42.1 38.4 57.6

130 2.0 1.8 2.8

166 30.4 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.23

800000

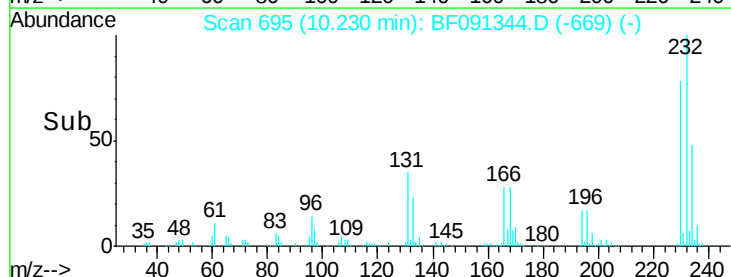
600000

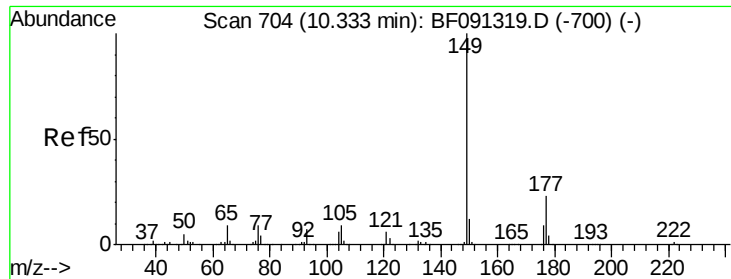
400000

200000

0

Time-->

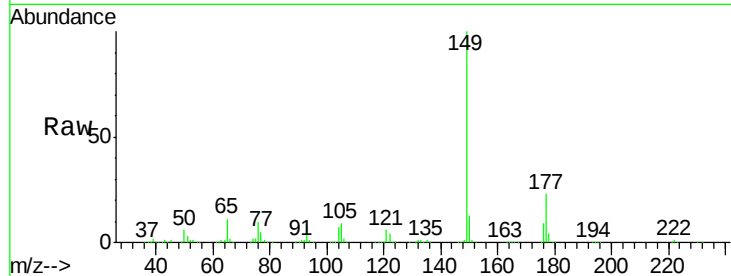




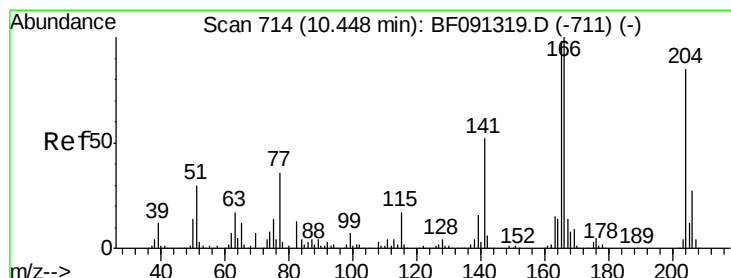
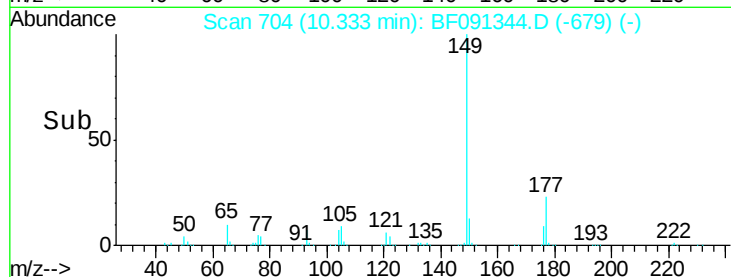
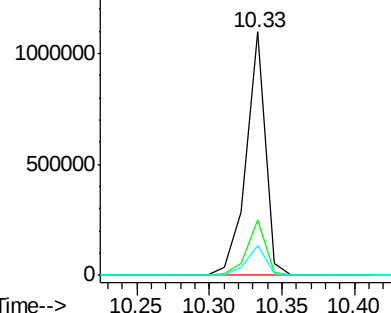
#59
Diethylphthalate
Concen: 41.81 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1007650
Ion Ratio Lower Upper
149 100
177 22.9 15.7 23.5
150 12.5 10.2 15.2

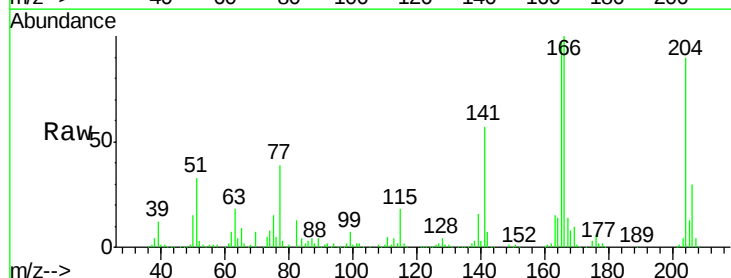


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

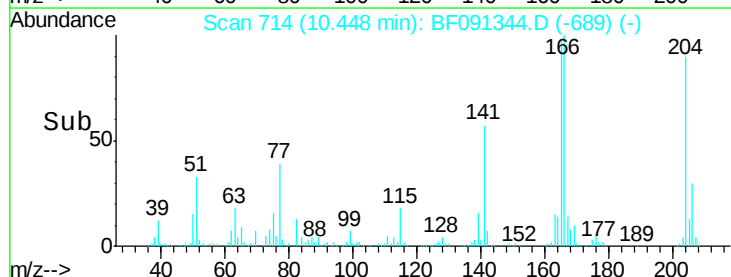
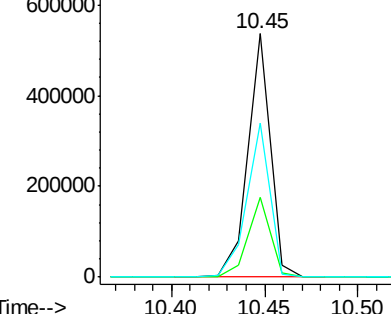


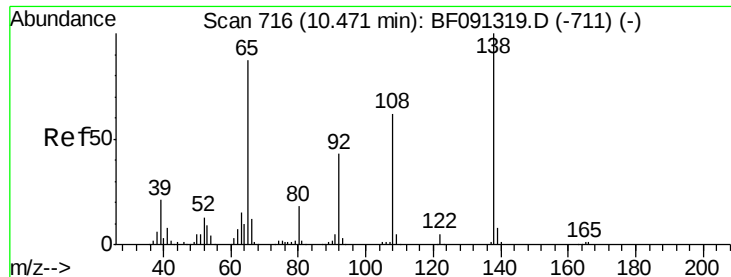
#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:204 Resp: 443188
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 63.4 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

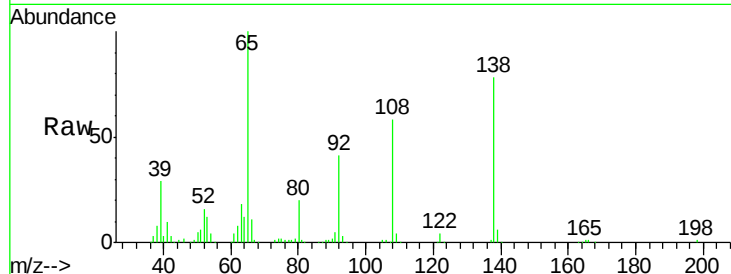




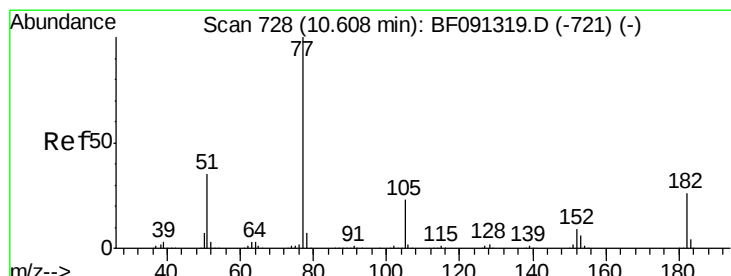
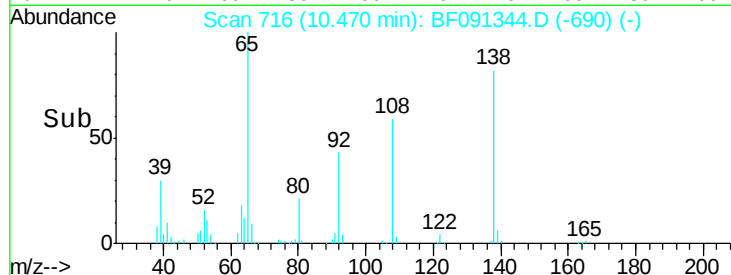
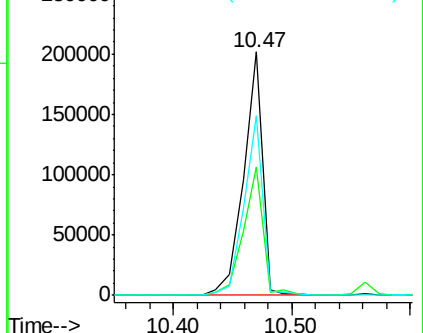
#61
4-Nitroaniline
Concen: 37.90 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 224811
Ion Ratio Lower Upper
138 100
92 52.7 26.9 66.9
108 73.7 49.1 89.1

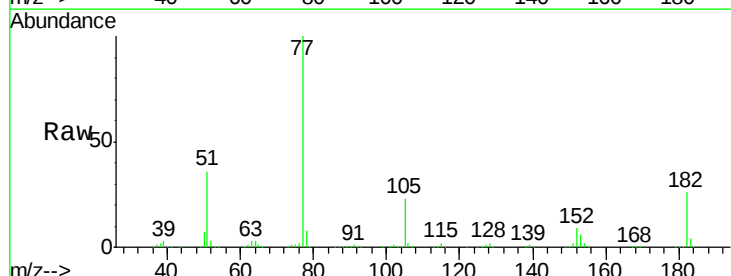


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

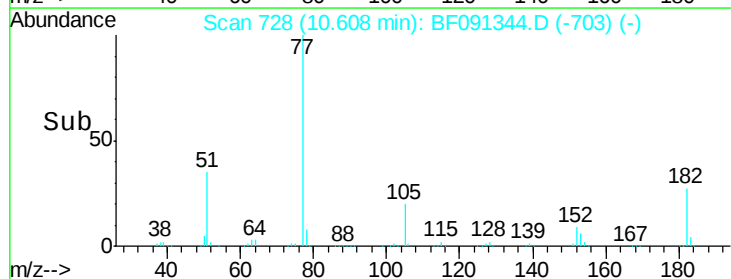
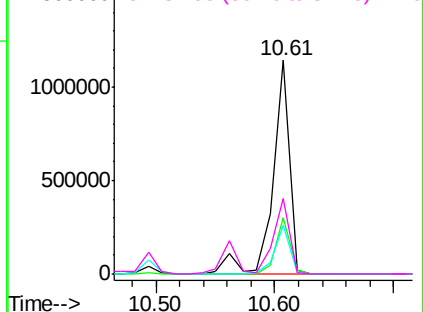


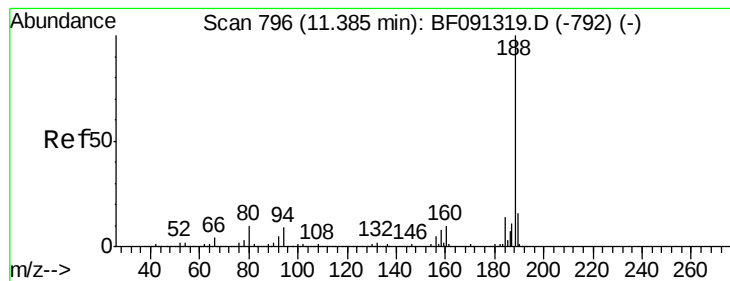
#62
Azobenzene
Concen: 45.85 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion: 77 Resp: 1127604
Ion Ratio Lower Upper
77 100
182 26.3 12.5 52.5
105 22.6 3.7 43.7
51 35.5 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. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

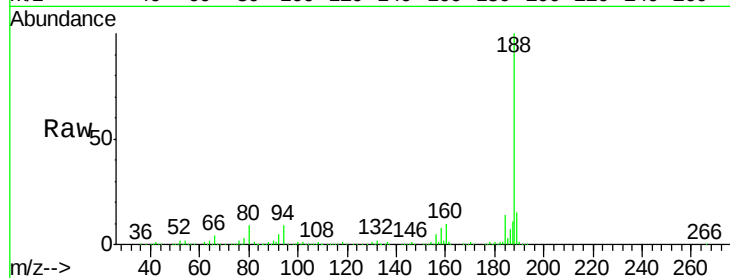
Tot Ion:188 Resp: 658404

Ion Ratio Lower Upper

188 100

94 8.6 9.2 13.8#

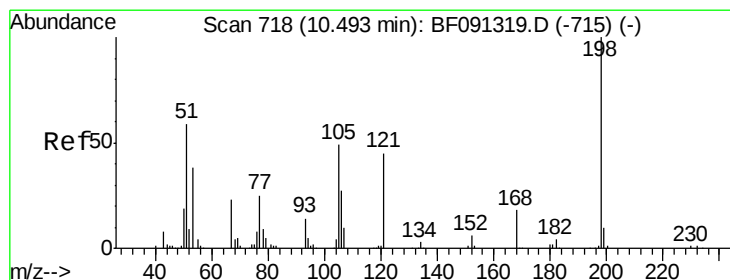
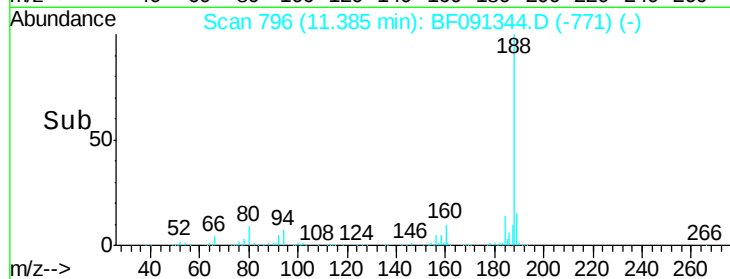
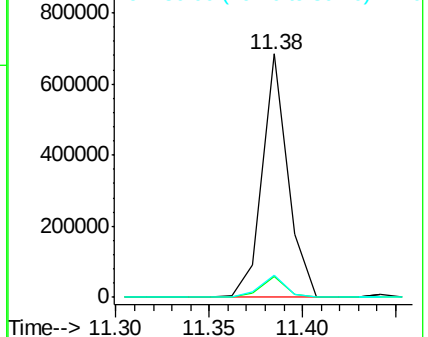
80 9.2 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.46 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

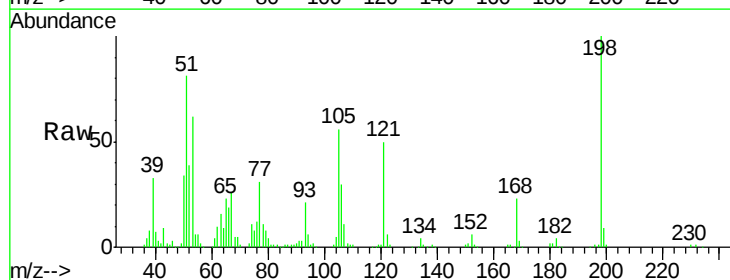
Tgt Ion:198 Resp: 150375

Ion Ratio Lower Upper

198 100

51 81.0 77.1 117.1

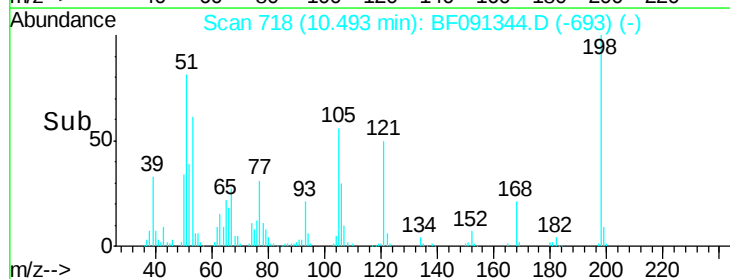
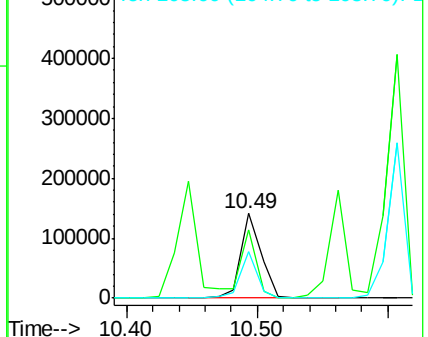
105 55.6 44.8 84.8

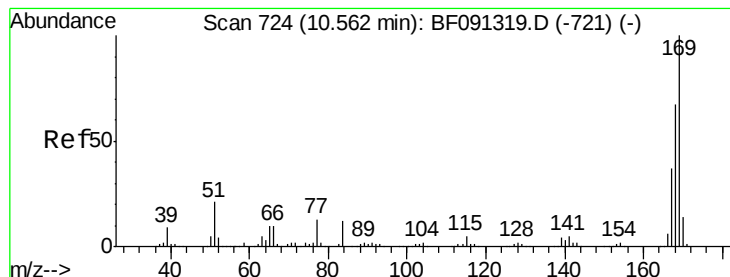


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

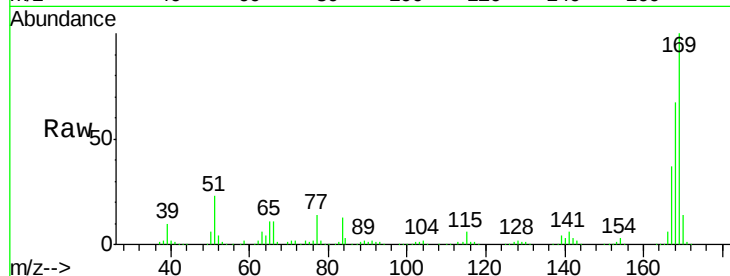




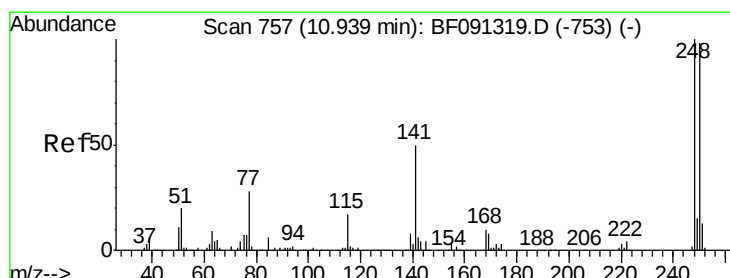
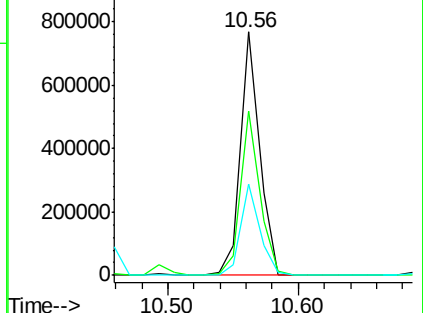
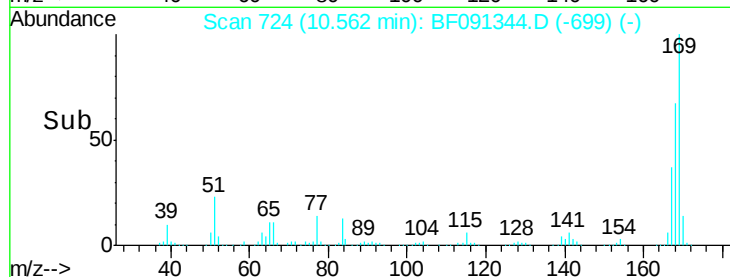
#65
 n-Nitrosodiphenylamine
 Concen: 39.07 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	37.4	29.8	44.8

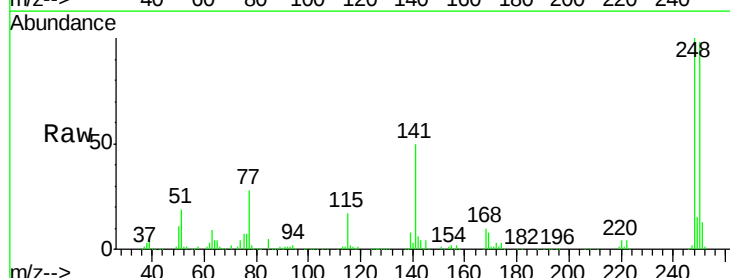


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

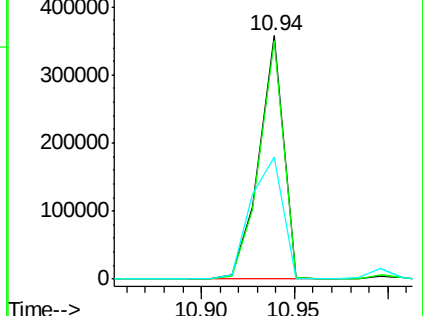
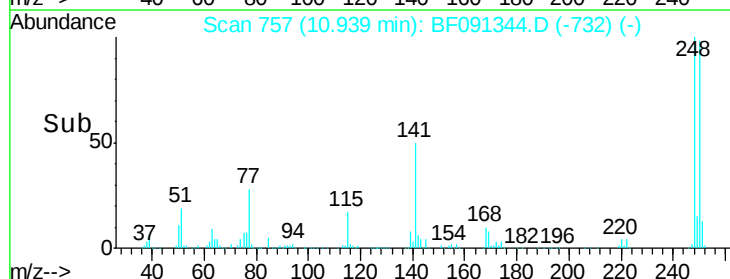


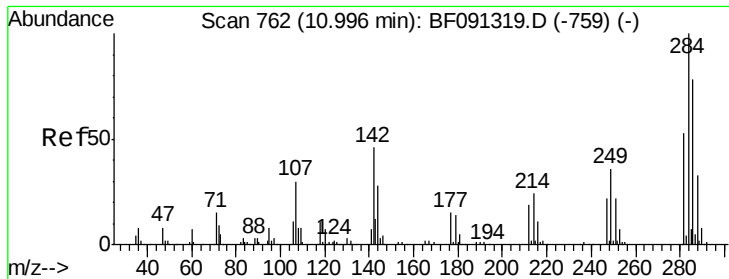
#66
 4-Bromophenyl-phenylether
 Concen: 45.79 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.2	117.4
141	50.1	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: 39.74 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

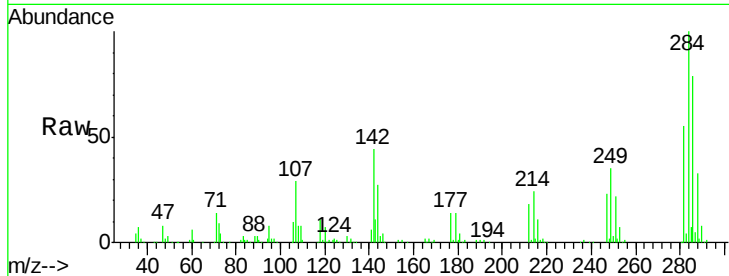
Tot Ion:284 Resp: 303857

Ion Ratio Lower Upper

284 100

142 44.3 17.9 26.9#

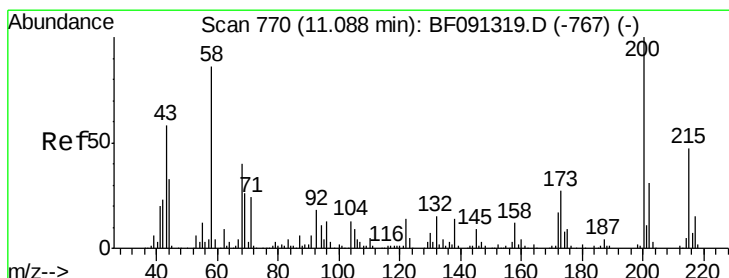
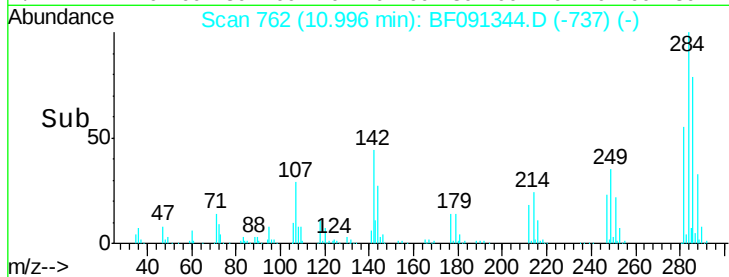
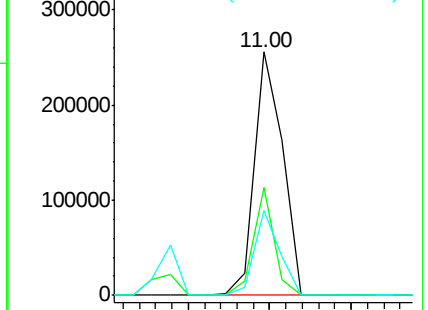
249 35.0 23.6 35.4



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: 44.02 ng

RT: 11.10 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

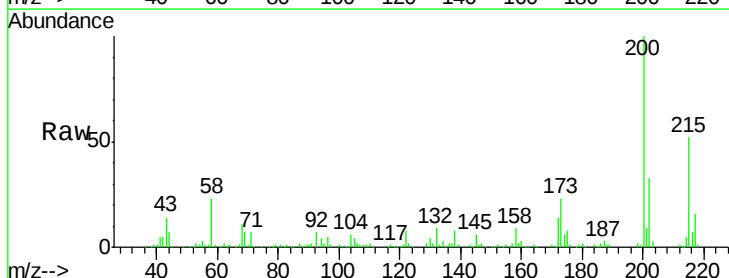
Tgt Ion:200 Resp: 284596

Ion Ratio Lower Upper

200 100

173 22.5 7.8 47.8

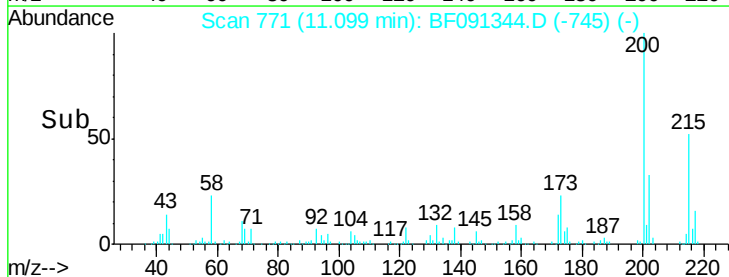
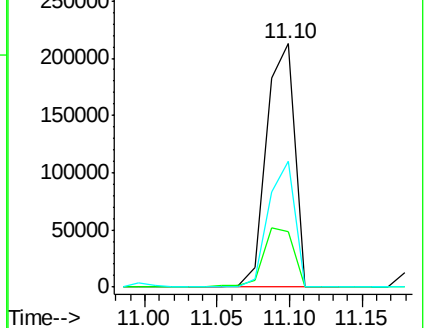
215 51.5 24.3 64.3

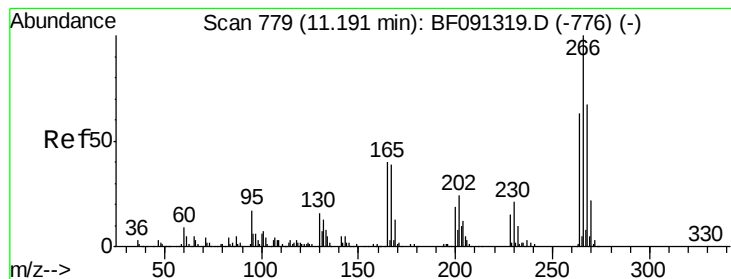


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 78.03 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampled :

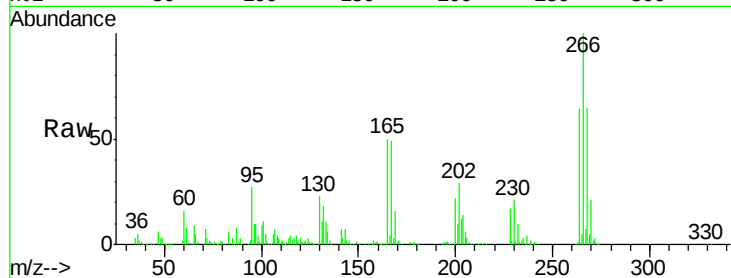
Tot Ion:266 Resp: 351299

Ion Ratio Lower Upper

266 100

268 64.7 50.3 75.5

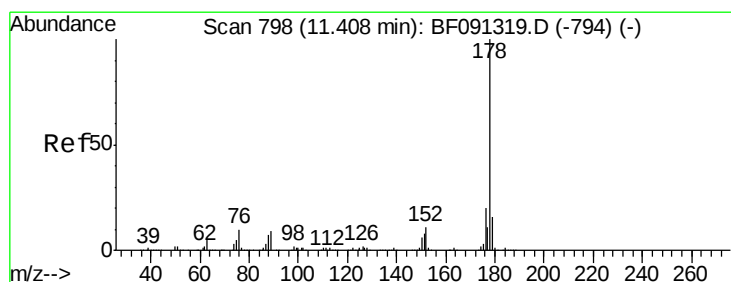
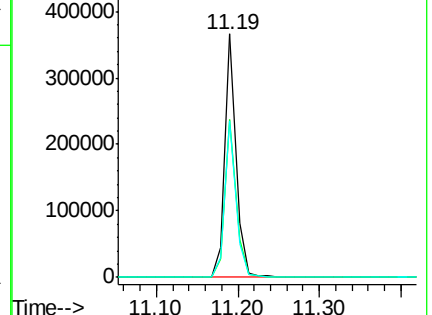
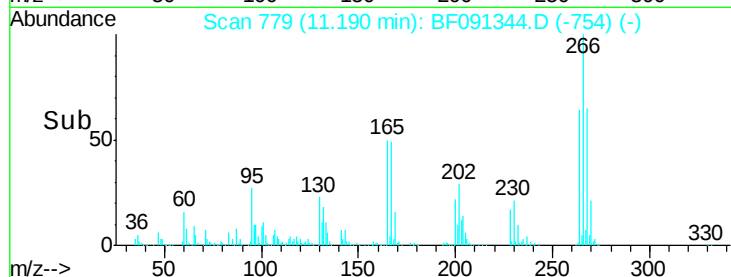
264 64.2 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.29 ng

RT: 11.41 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

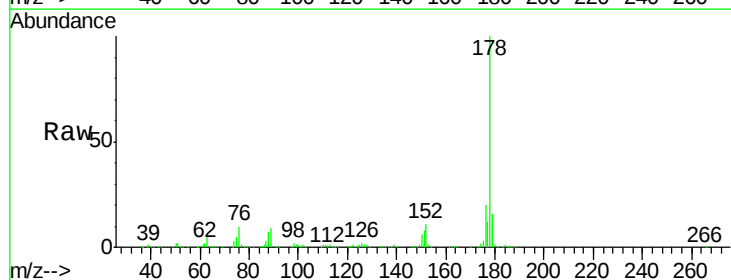
Tgt Ion:178 Resp: 1309875

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

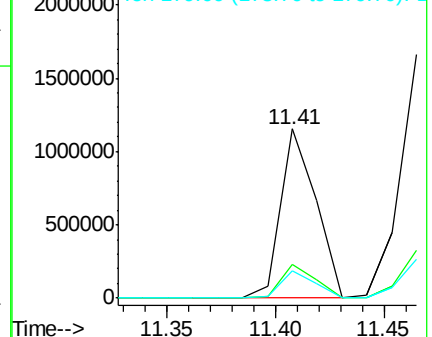
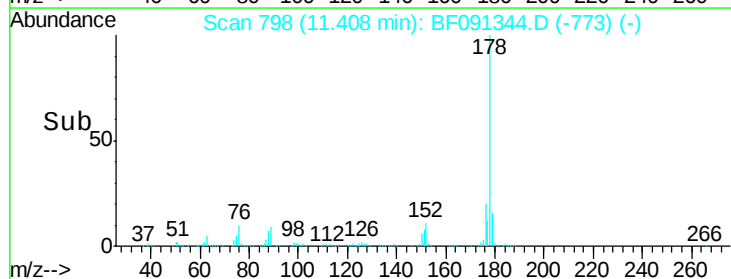
179 16.0 12.6 18.8

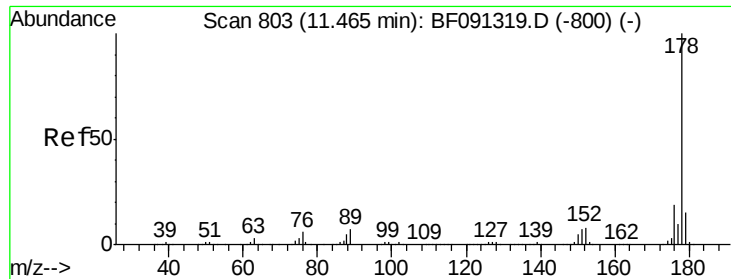


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



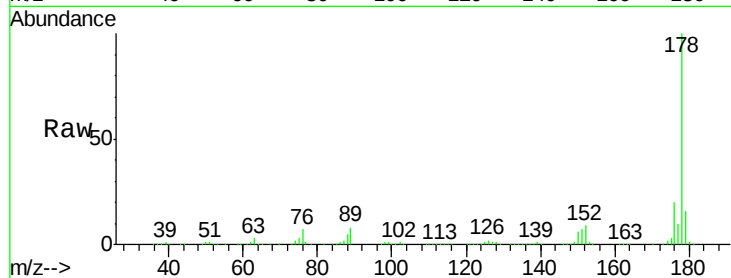


#71
 Anthracene
 Concen: 44.03 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

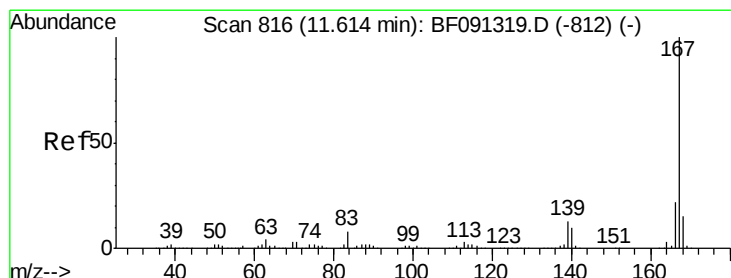
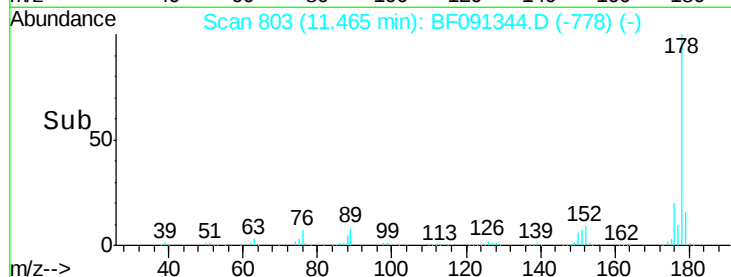
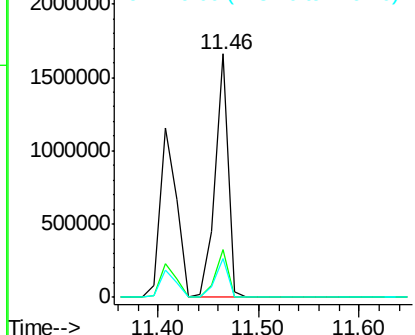
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1495148

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	12.7	19.1



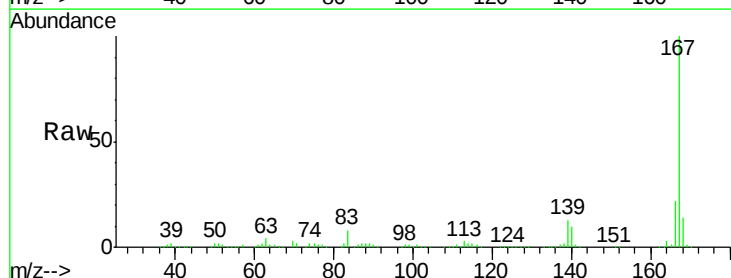
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



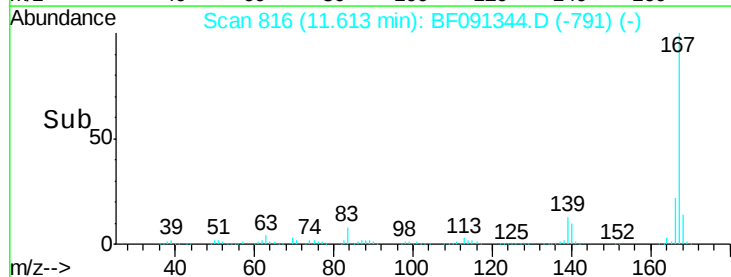
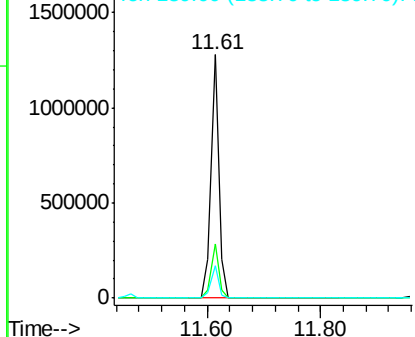
#72
 Carbazole
 Concen: 38.04 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

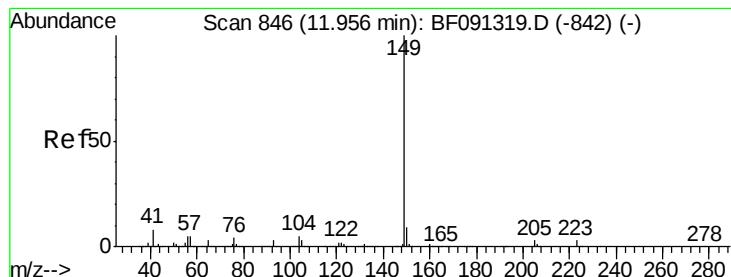
Tgt Ion:167 Resp: 1171944

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.5	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: 45.67 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

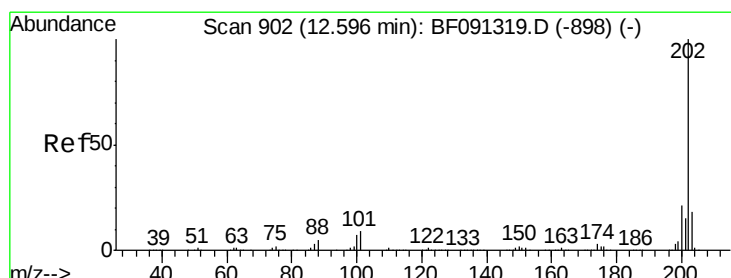
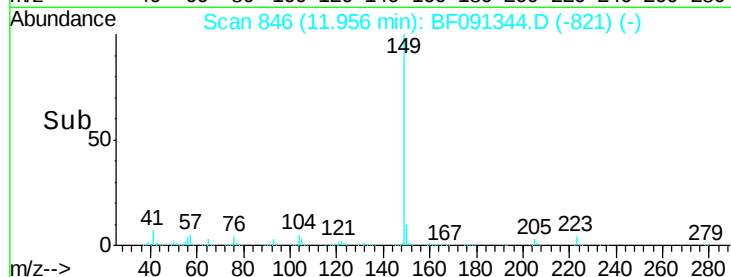
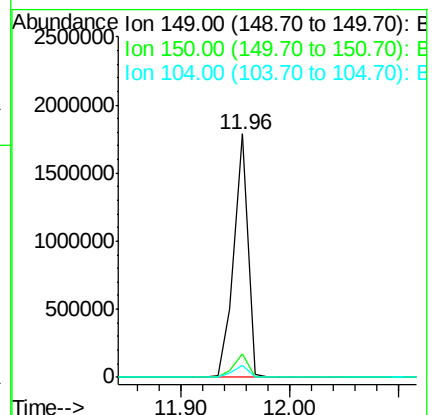
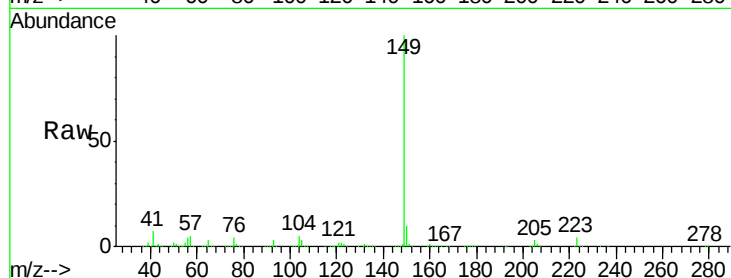
Tot Ion:149 Resp: 1594911

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 4.7 4.0 6.0



#74

Fluoranthene

Concen: 45.13 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

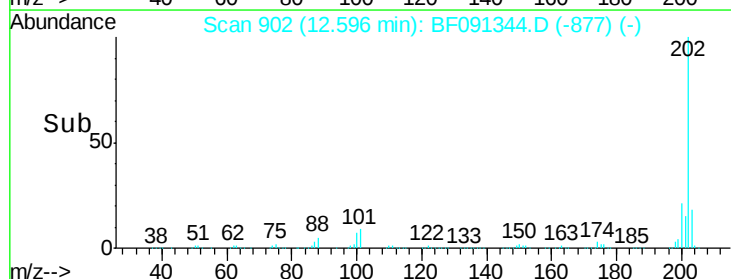
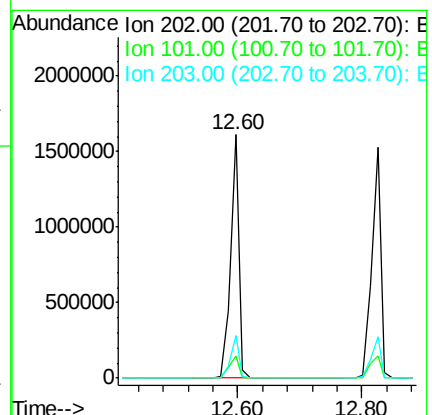
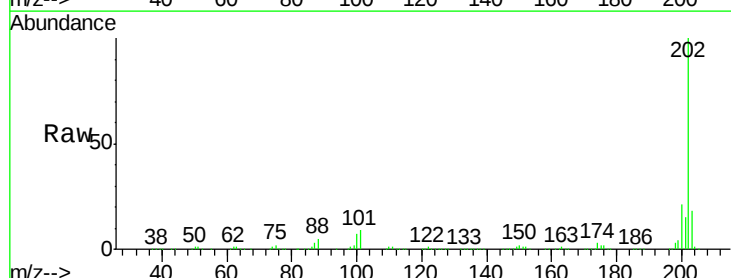
Tgt Ion:202 Resp: 1462361

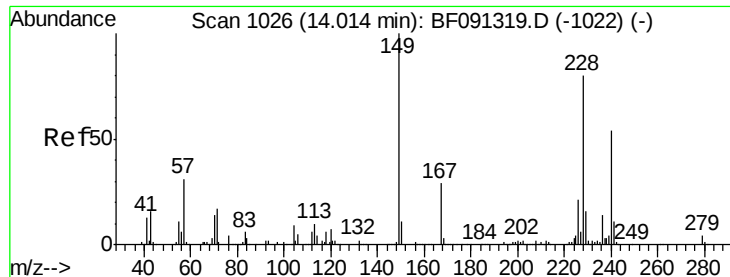
Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.5

203 17.7 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

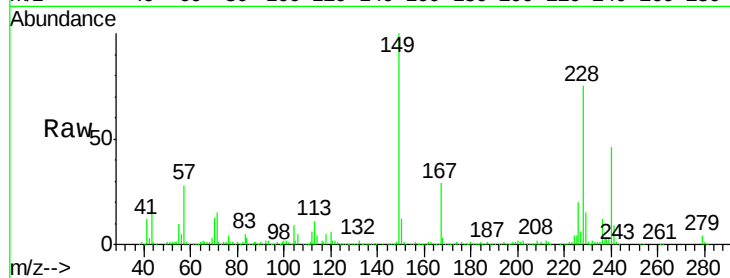
Tot Ion:240 Resp: 403958

Ion Ratio Lower Upper

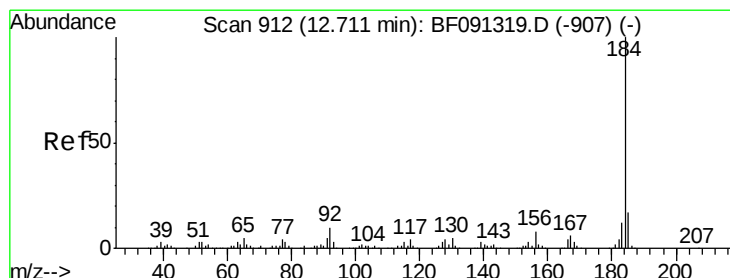
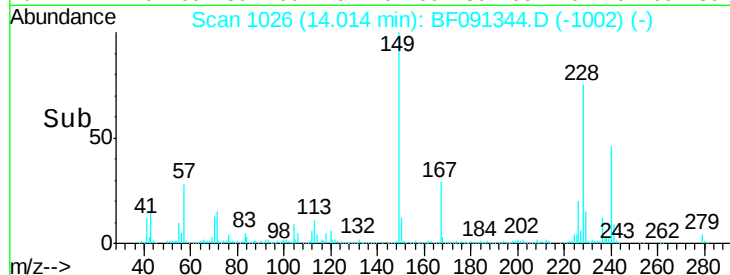
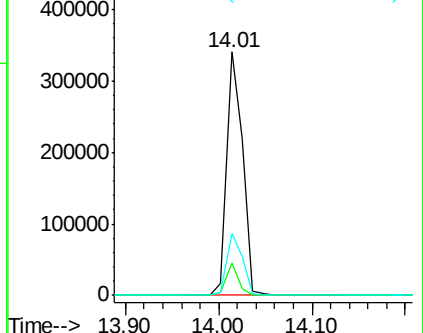
240 100

120 13.4 12.1 18.1

236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.45 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

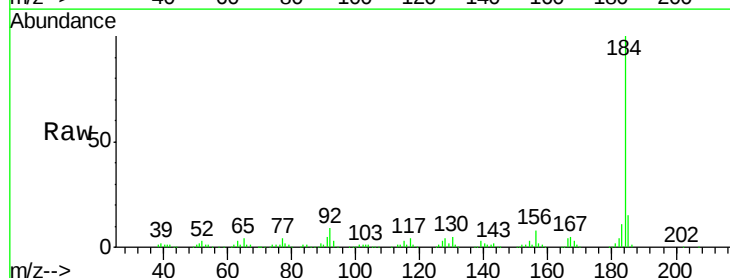
Tgt Ion:184 Resp: 455956

Ion Ratio Lower Upper

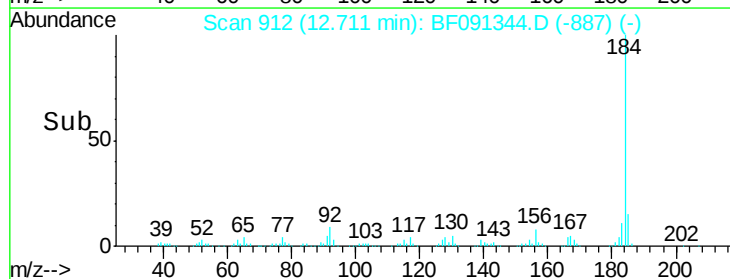
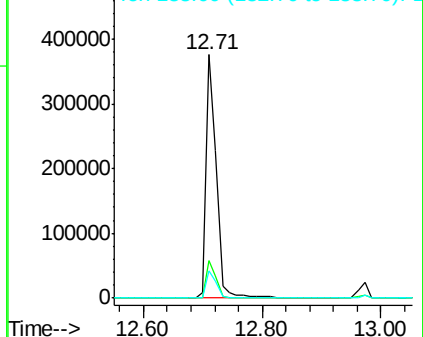
184 100

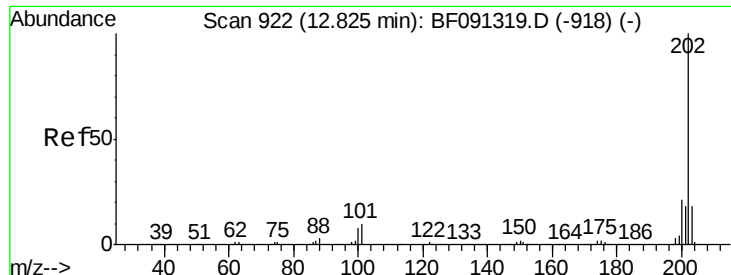
185 15.2 13.1 19.7

183 11.4 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

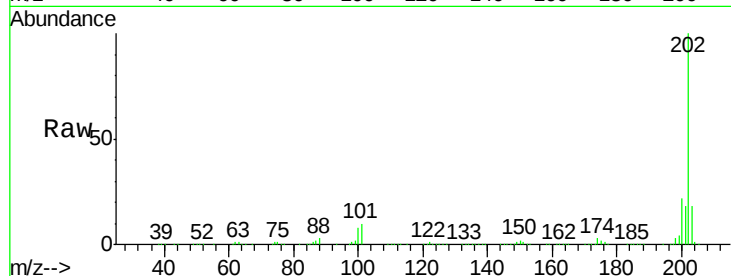




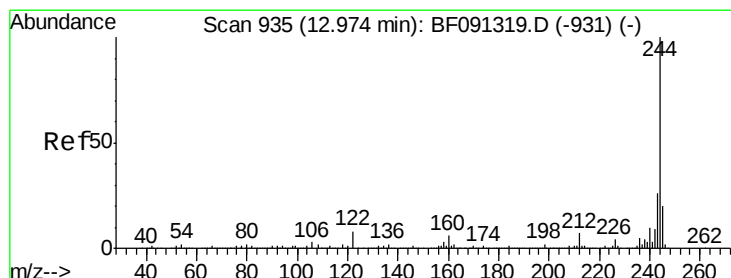
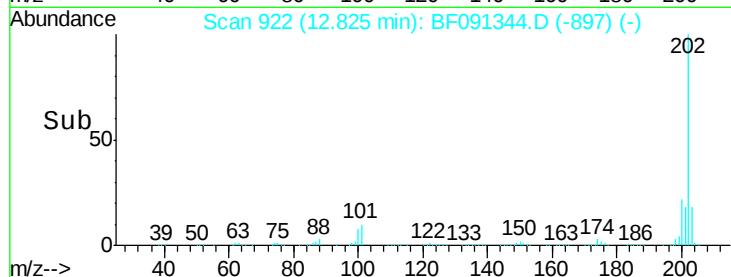
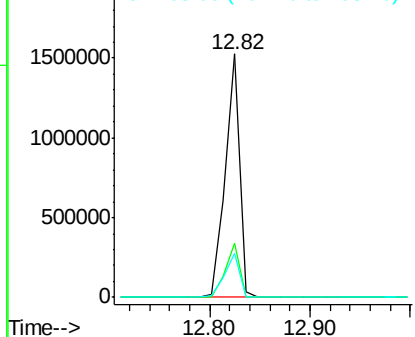
#77
Pvrene
Concen: 49.04 ng
RT: 12.82 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1503303
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.0 14.0 21.0

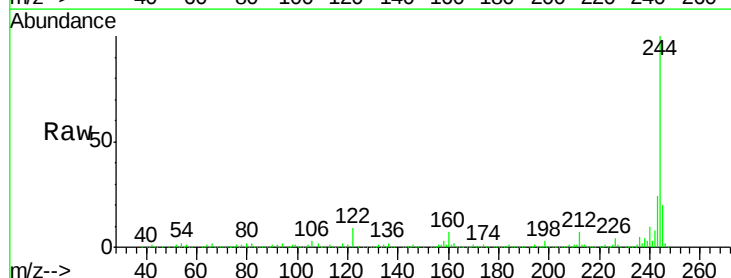


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

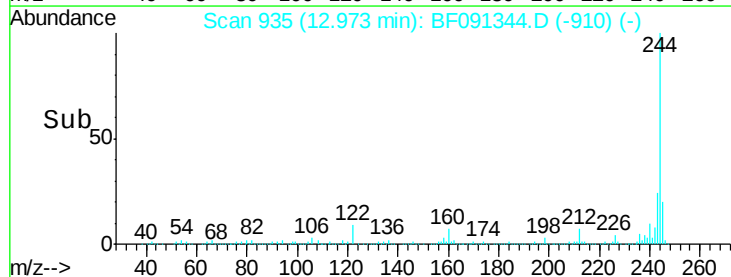
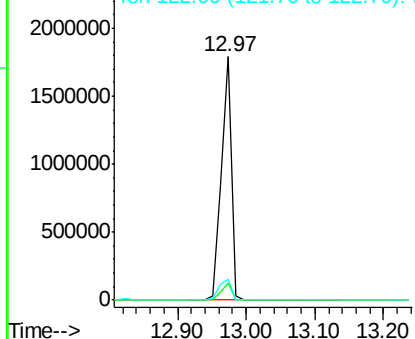


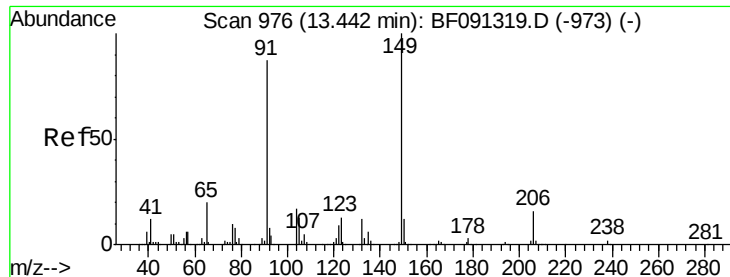
#78
Terphenyl-d14
Concen: 100.08 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:244 Resp: 1860050
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.6 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

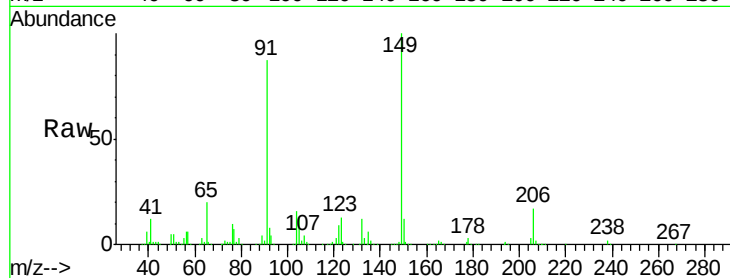




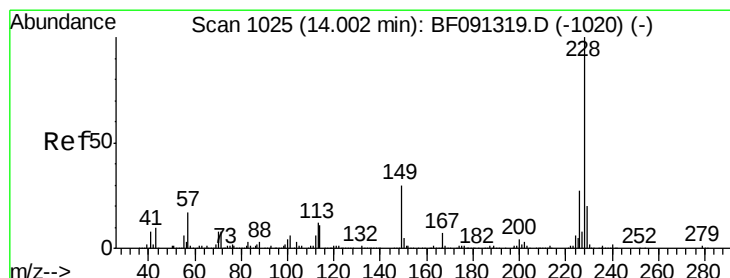
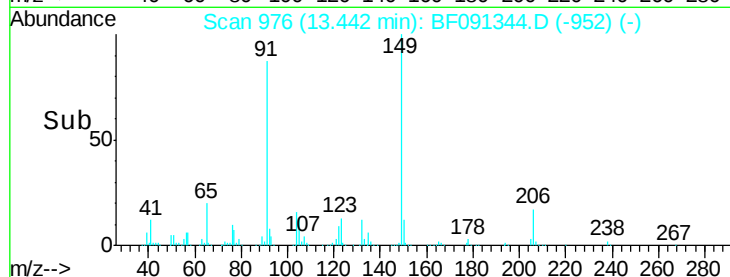
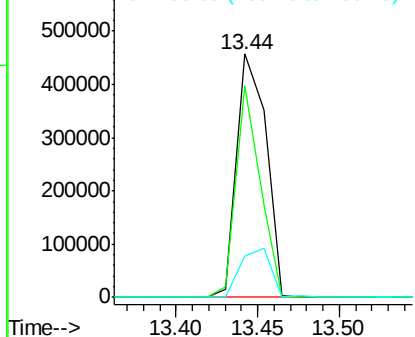
#79
Butylbenzylphthalate
Concen: 49.50 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 568239
Ion Ratio Lower Upper
149 100
91 86.7 57.4 86.2#
206 17.2 15.4 23.2

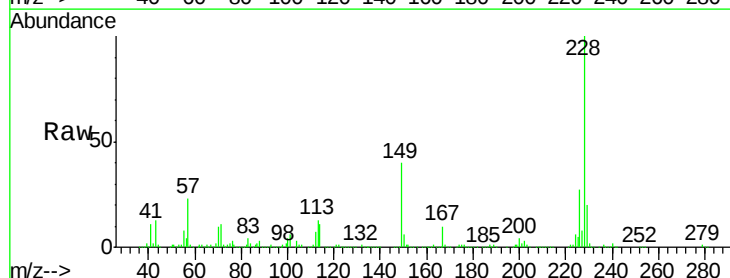


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

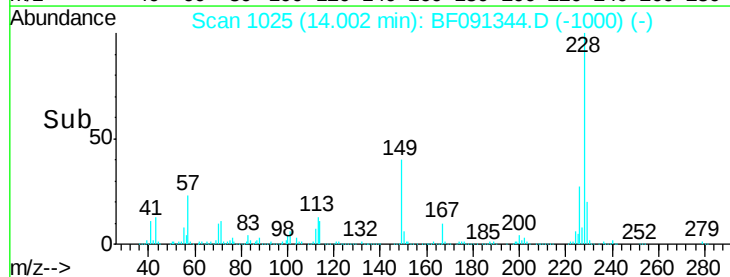
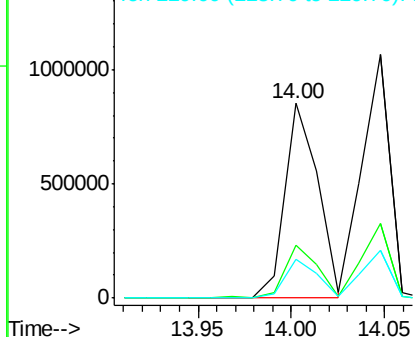


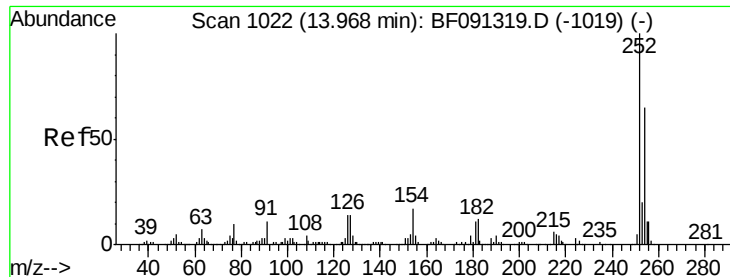
#80
Benzo(a)anthracene
Concen: 44.39 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:228 Resp: 1048576
Ion Ratio Lower Upper
228 100
226 27.5 22.5 33.7
229 19.8 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

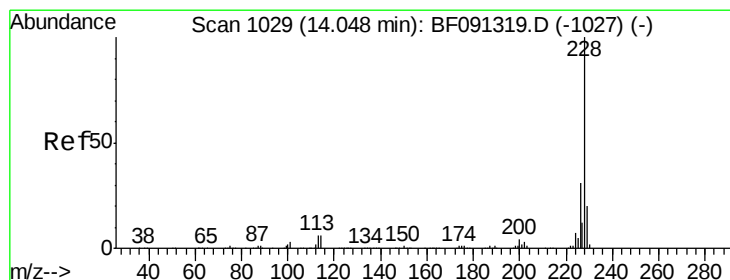
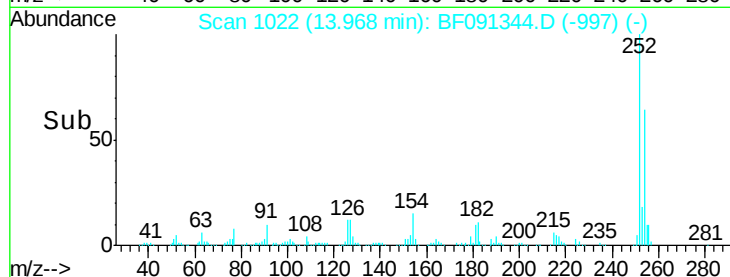
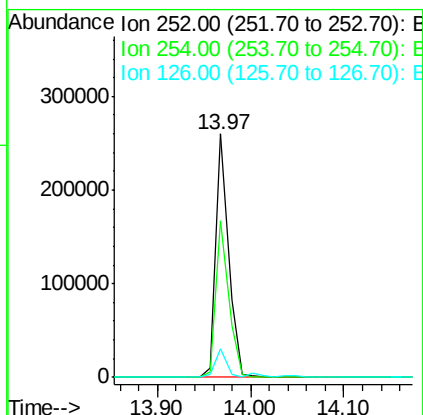
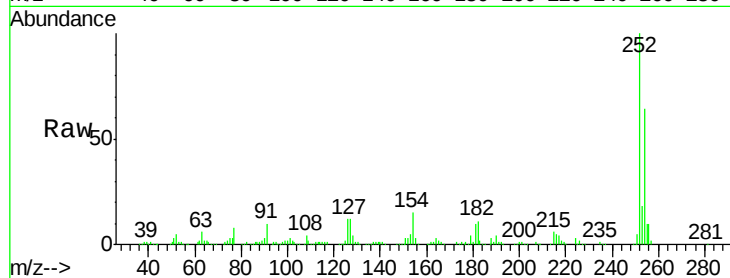




#81
 3,3'-Dichlorobenzidine
 Concen: 29.72 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

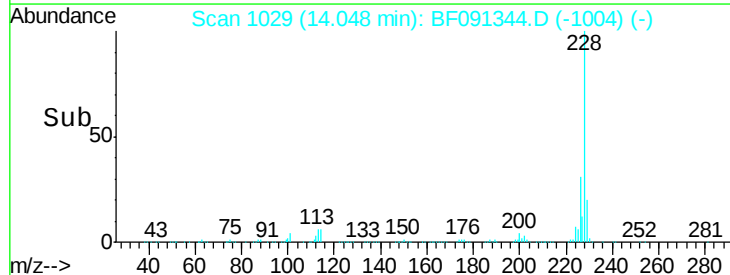
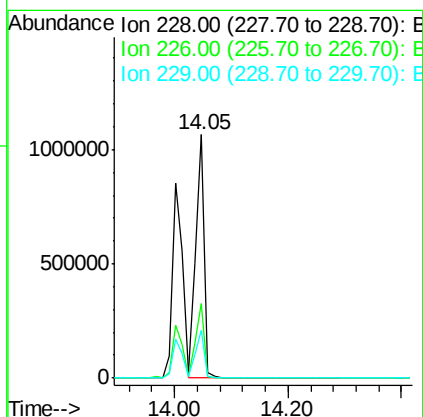
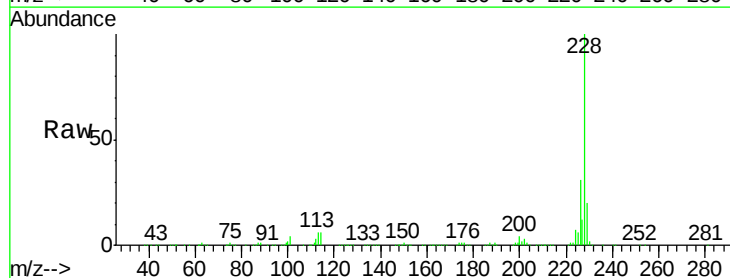
Instrument :
 BNA_F
 ClientSampleId :

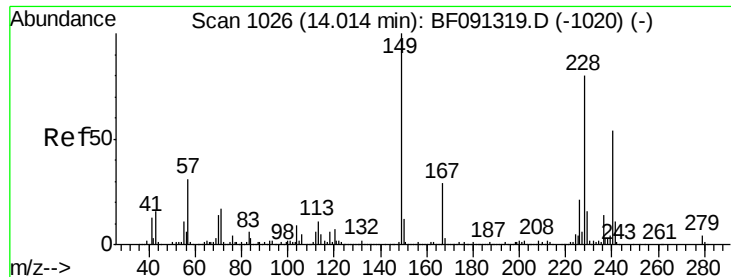
Tot Ion:252 Resp: 247333
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.1 78.1
 126 12.0 7.5 11.3#



#82
 Chrysene
 Concen: 47.53 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:228 Resp: 1110905
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 19.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.02 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampleId :

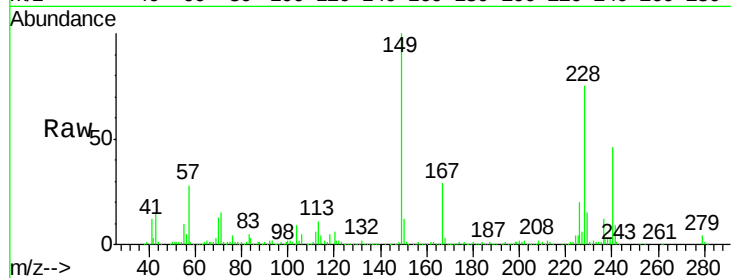
Tot Ion:149 Resp: 756887

Ion Ratio Lower Upper

149 100

167 29.0 19.6 29.4

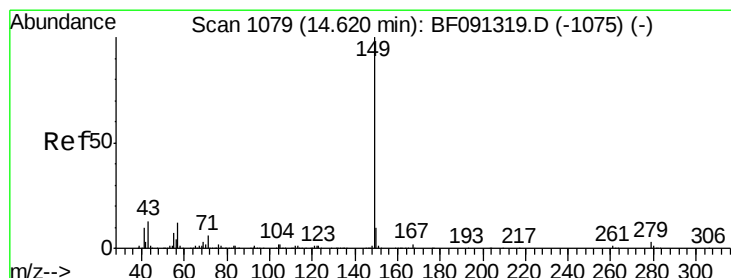
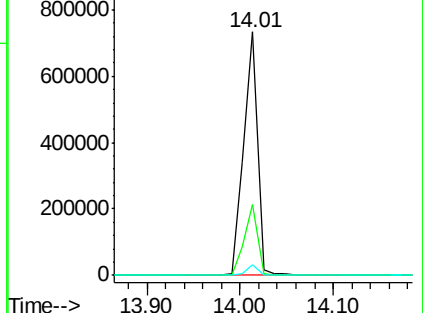
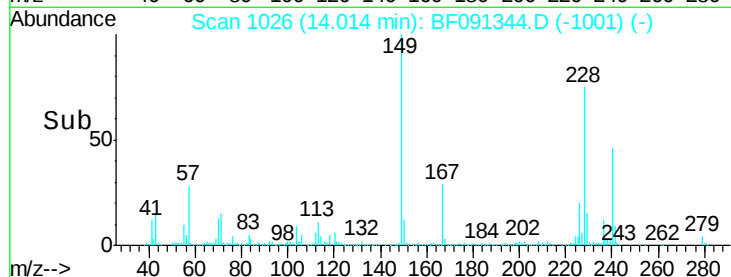
279 4.5 1.9 2.9#



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: 53.23 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

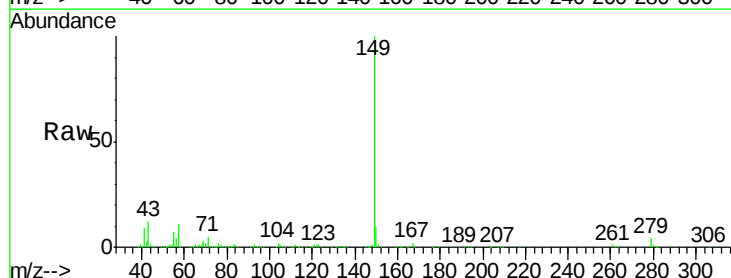
Tgt Ion:149 Resp: 1172018

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

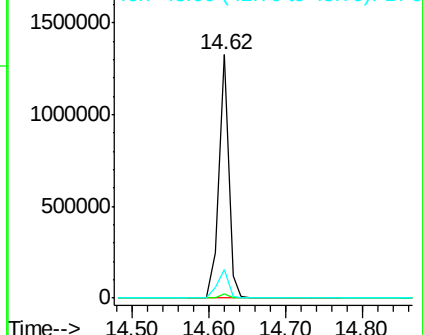
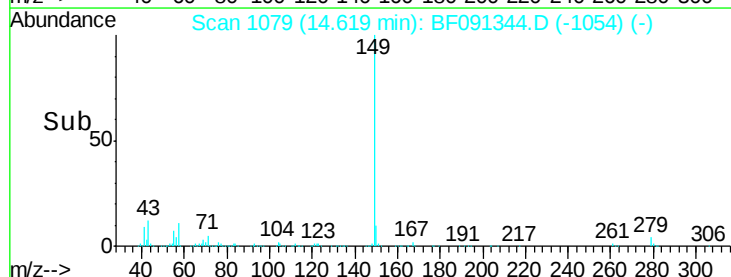
43 13.4 11.9 17.9

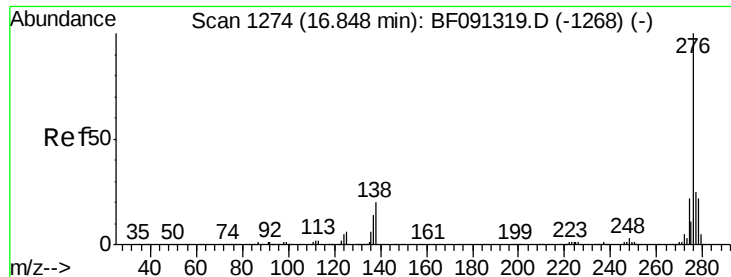


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



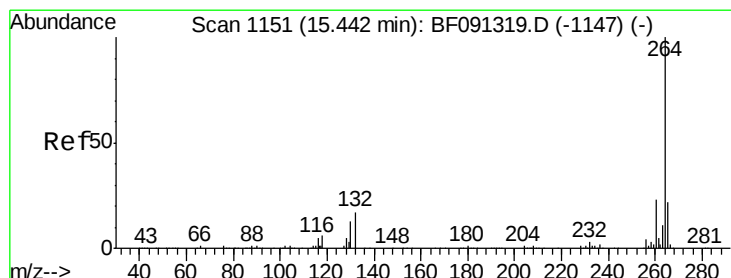
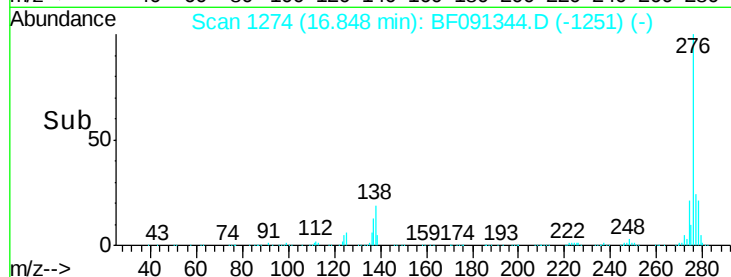
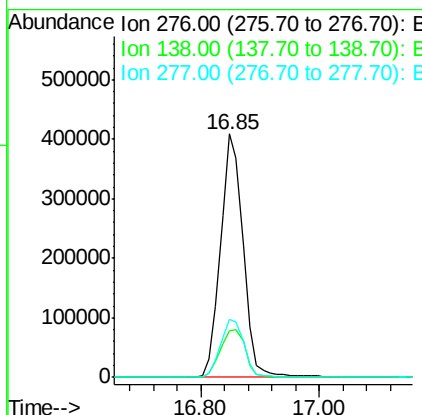
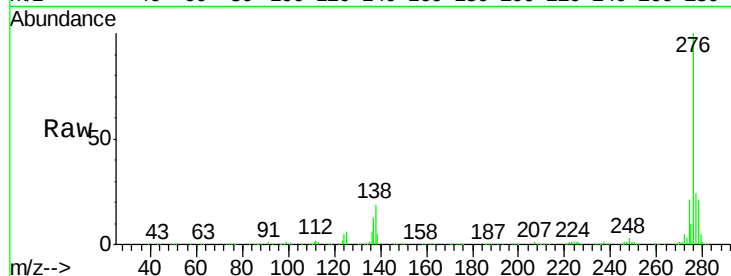


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.29 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1076512

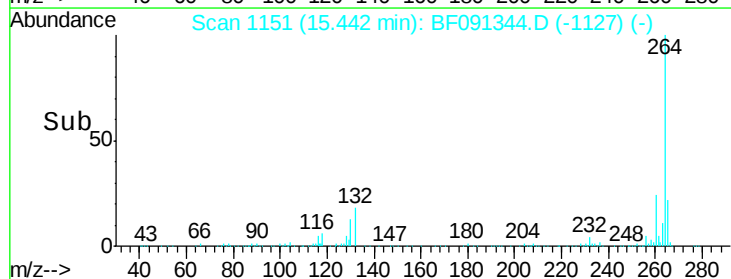
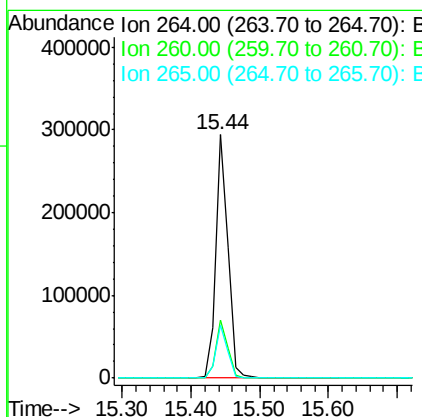
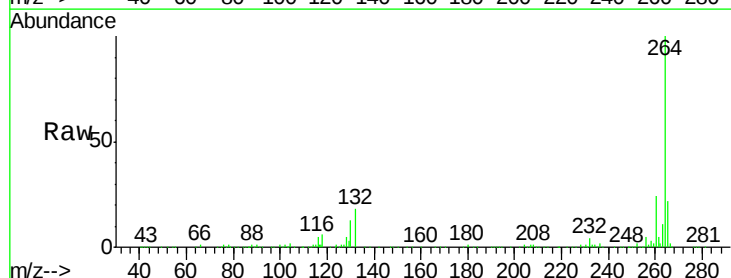
Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.0	31.4
277	24.9	20.2	30.2

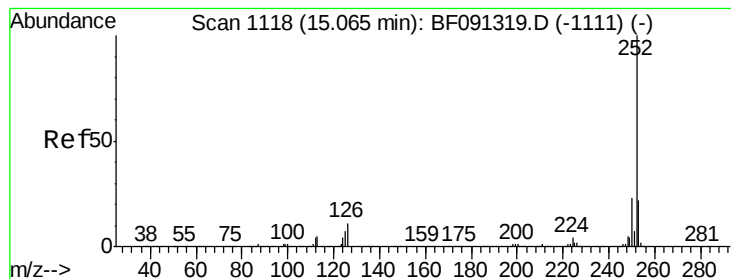


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Tgt Ion:264 Resp: 369121

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 81.05 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

Instrument :

BNA_F

ClientSampled :

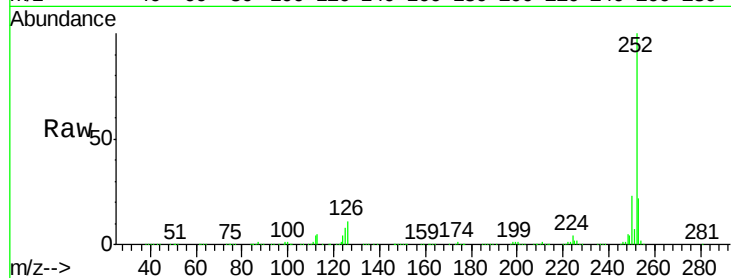
Tot Ion:252 Resp: 1859576

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

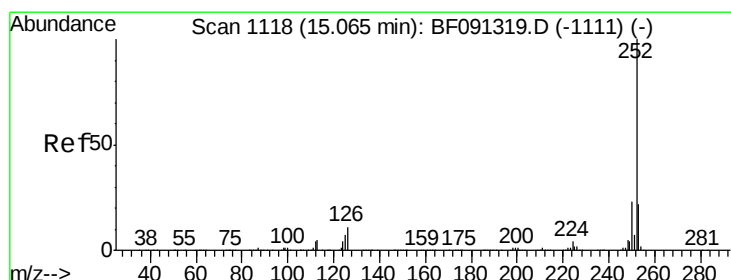
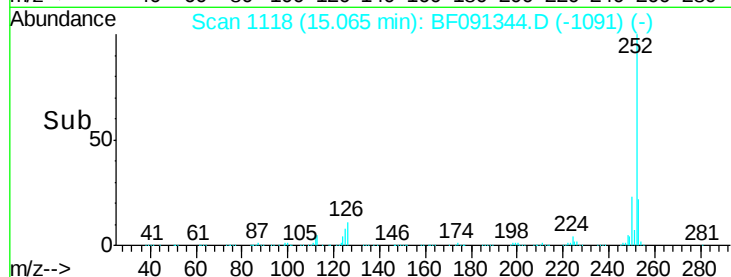
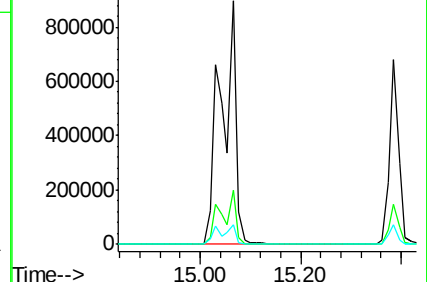
125 8.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 96.43 ng

RT: 15.07 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF091344.D

Acq: 30 Nov 2016 10:31

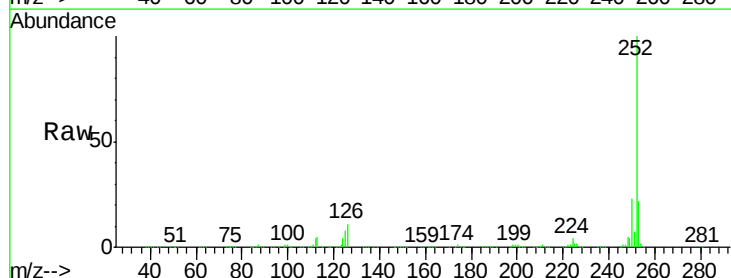
Tgt Ion:252 Resp: 1860557

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

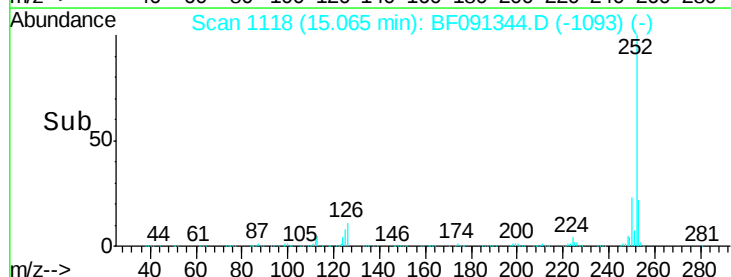
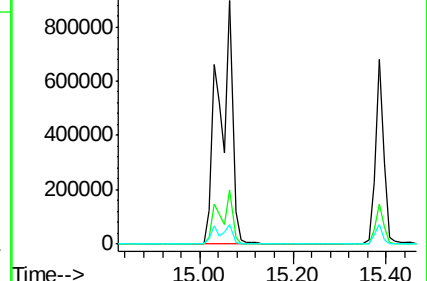
125 8.0 9.6 14.4#

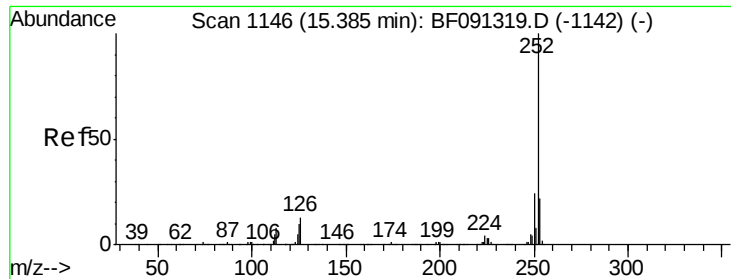


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

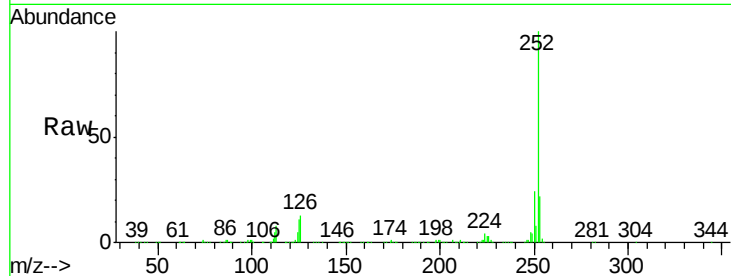




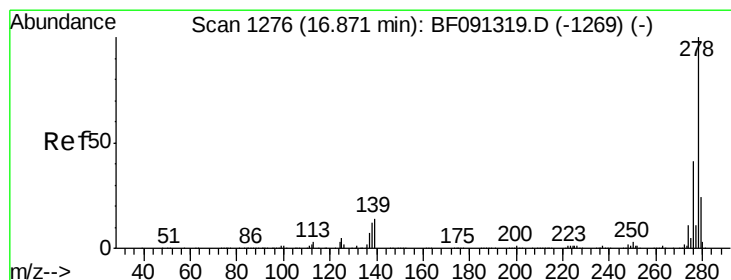
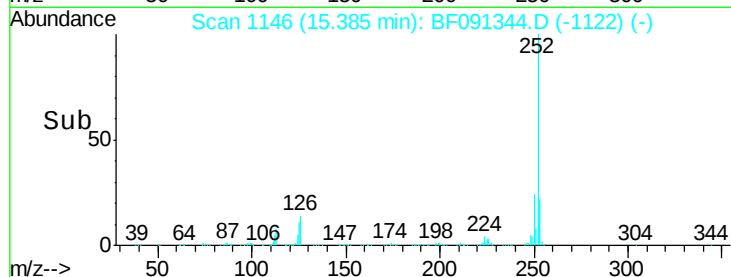
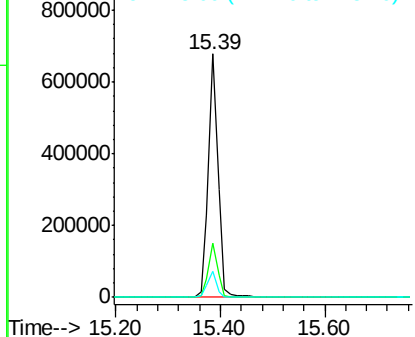
#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 875441
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.5 10.4 15.6

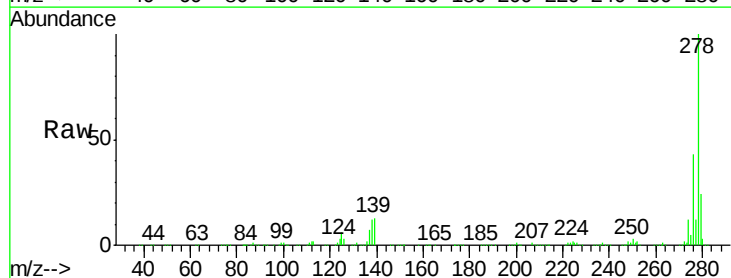


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

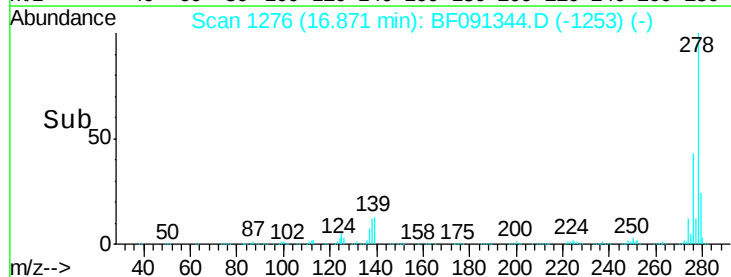
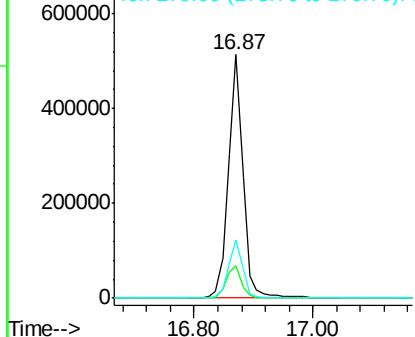


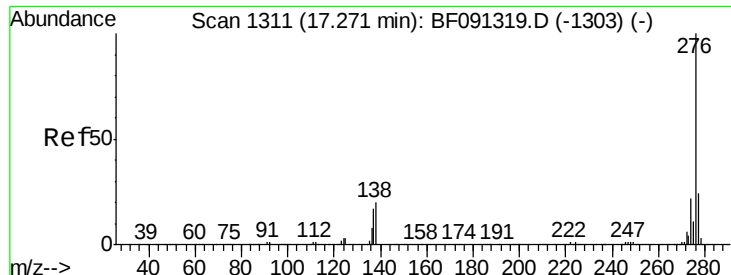
#90
Dibenzo(a,h)anthracene
Concen: 46.19 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091344.D
Acq: 30 Nov 2016 10:31

Tgt Ion:278 Resp: 880142
Ion Ratio Lower Upper
278 100
139 13.3 15.1 22.7#
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

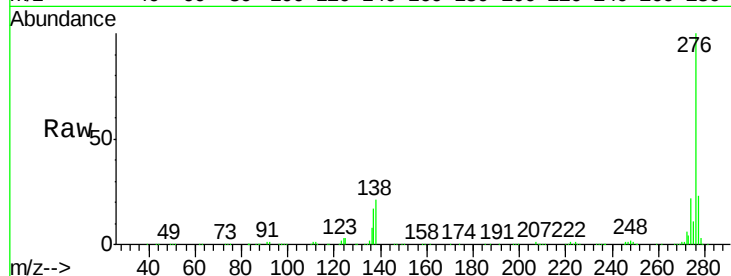




#91
 Benzo(a,h,i)perylene
 Concen: 46.85 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091344.D
 Acq: 30 Nov 2016 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.8	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

