

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091050.D
 Acq On : 7 Nov 2016 12:43
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 17:37:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	174379	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	747844	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	347461	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	612090	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	509098	20.00	ng	-0.03
86) Perylene-d12	15.21	264	391363	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	888744	84.17	ng	-0.03
7) Phenol-d6	6.33	99	1092009	76.20	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1096167	79.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	313085	99.67	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1849083	91.62	ng	-0.02
78) Terphenyl-d14	12.78	244	1873527	91.83	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	229043	37.92	ng	97
3) Pyridine	2.80	79	662617	46.90	ng	98
4) n-Nitrosodimethylamine	2.76	42	223421	39.98	ng	91
6) Aniline	6.34	93	675061	39.93	ng	# 69
8) 2-Chlorophenol	6.45	128	499673	39.67	ng	98
9) Benzaldehyde	6.21	77	301547	37.91	ng	99
10) Phenol	6.34	94	641531	40.45	ng	# 80
11) bis(2-Chloroethyl)ether	6.42	93	552287	41.32	ng	90
12) 1,3-Dichlorobenzene	6.61	146	534793	41.98	ng	100
13) 1,4-Dichlorobenzene	6.69	146	531662	38.90	ng	97
14) 1,2-Dichlorobenzene	6.84	146	522389	41.65	ng	98
15) Benzyl Alcohol	6.83	79	418746	41.42	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	673223	35.18	ng	73
17) 2-Methylphenol	6.94	107	380065	38.12	ng	99
18) Hexachloroethane	7.18	117	211585	40.00	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	406811	40.96	ng	# 89
20) 3+4-Methylphenols	7.10	107	508340	42.46	ng	95
22) Acetophenone	7.09	105	710448	41.26	ng	# 96
24) Nitrobenzene	7.26	77	638020	42.14	ng	97
25) Isophorone	7.50	82	1006871	38.12	ng	98
26) 2-Nitrophenol	7.58	139	282755	44.13	ng	# 71
27) 2,4-Dimethylphenol	7.63	122	432432	40.81	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	595822	41.29	ng	100
29) 2,4-Dichlorophenol	7.82	162	372127	40.24	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	434280	41.76	ng	99
31) Naphthalene	7.98	128	1493673	41.76	ng	100
32) Benzoic acid	7.78	122	312134	38.84	ng	100
33) 4-Chloroaniline	8.04	127	620836	41.74	ng	98
34) Hexachlorobutadiene	8.10	225	217084	38.68	ng	100
35) Caprolactam	8.43	113	131565	45.28	ng	# 66
36) 4-Chloro-3-methylphenol	8.53	107	427662	38.20	ng	89
37) 2-Methylnaphthalene	8.67	142	875025	38.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	407547	46.00	ng	99
40) Hexachlorocyclopentadiene	8.83	237	126641	40.56	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	248673	43.48	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	270171	45.00	nq	# 90
45) 1,1'-Biphenyl	9.14	154	1052542	41.49	nq	99
46) 2-Chloronaphthalene	9.16	162	812382	42.17	nq	99
47) 2-Nitroaniline	9.26	65	272429	38.11	nq	97
48) Acenaphthylene	9.57	152	1167610	38.90	nq	100
49) Dimethylphthalate	9.46	163	939342	41.23	nq	97
50) 2,6-Dinitrotoluene	9.52	165	234895	48.11	nq	# 58
51) Acenaphthene	9.74	154	715411	37.96	nq	99
52) 3-Nitroaniline	9.69	138	246503	42.57	nq	# 71
53) 2,4-Dinitrophenol	9.79	184	110196	44.45	nq	# 90
54) Dibenzofuran	9.92	168	1037389	40.89	nq	98
55) 4-Nitrophenol	9.86	139	141007	39.68	nq	# 77
56) 2,4-Dinitrotoluene	9.92	165	252938	40.71	nq	# 86
57) Fluorene	10.26	166	803309	38.74	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	206867	43.98	nq	93
59) Diethylphthalate	10.14	149	885172	37.89	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	431848	45.76	nq	95
61) 4-Nitroaniline	10.30	138	249273	42.56	nq	84
62) Azobenzene	10.42	77	954994	34.73	nq	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	157185	41.94	nq	73
65) n-Nitrosodiphenylamine	10.38	169	790942	40.65	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	253773	39.86	nq	# 63
67) Hexachlorobenzene	10.81	284	288896	41.14	nq	99
68) Atrazine	10.91	200	192191	34.24	nq	97
69) Pentachlorophenol	11.01	266	134646	43.29	nq	98
70) Phenanthrene	11.22	178	1268467	38.98	nq	100
71) Anthracene	11.28	178	1405404	40.63	nq	99
72) Carbazole	11.44	167	1249023	40.07	nq	# 96
73) Di-n-butylphthalate	11.77	149	1444391	36.84	nq	# 98
74) Fluoranthene	12.41	202	1405412	41.65	nq	88
76) Benzidine	12.53	184	554421	48.75	nq	99
77) Pyrene	12.62	202	1361812	40.85	nq	99
79) Butylbenzylphthalate	13.25	149	653728	40.99	nq	89
80) Benzo(a)anthracene	13.81	228	1242948	43.00	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	485750	47.83	nq	# 99
82) Chrysene	13.86	228	1355296	47.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	852033	39.48	nq	# 96
84) Di-n-octyl phthalate	14.43	149	1350860	38.07	nq	97
85) Indeno(1,2,3-cd)pyrene	16.51	276	922023	38.99	nq	99
87) Benzo(b)fluoranthene	14.85	252	2185062	82.32	nq	98
88) Benzo(k)fluoranthene	14.85	252	2186284	93.90	nq	97
89) Benzo(a)pyrene	15.15	252	949827	41.10	nq	# 97
90) Dibenzo(a,h)anthracene	16.52	278	805111	40.30	nq	# 96
91) Benzo(g,h,i)perylene	16.89	276	729968	40.41	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

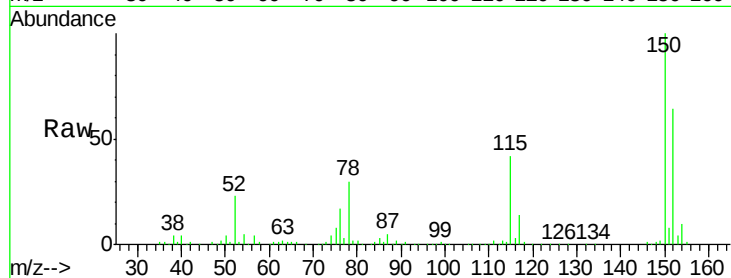
Tot Ion:152 Resp: 174379

Ion Ratio Lower Upper

152 100

150 156.9 126.8 190.2

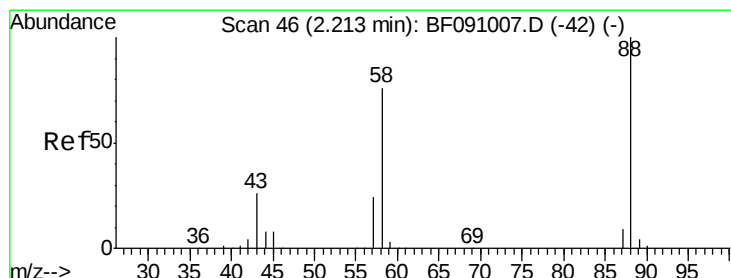
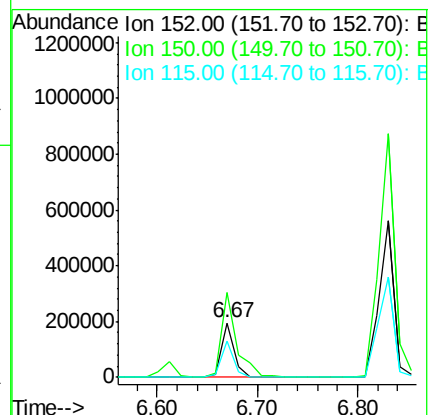
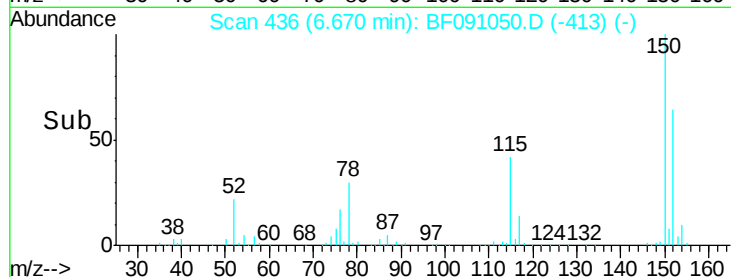
115 66.5 53.3 79.9



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: 37.92 ng

RT: 2.14 min Scan# 40

Delta R.T. -0.07 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

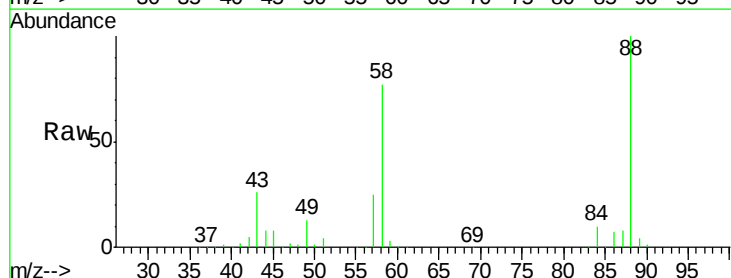
Tgt Ion: 88 Resp: 229043

Ion Ratio Lower Upper

88 100

58 77.0 63.8 95.6

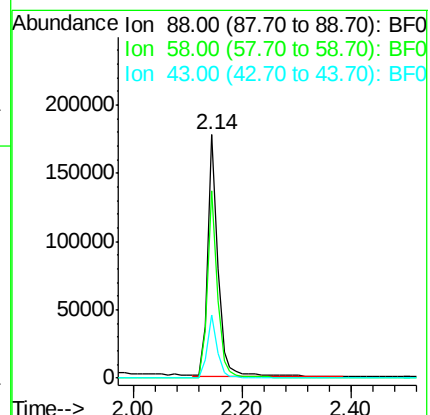
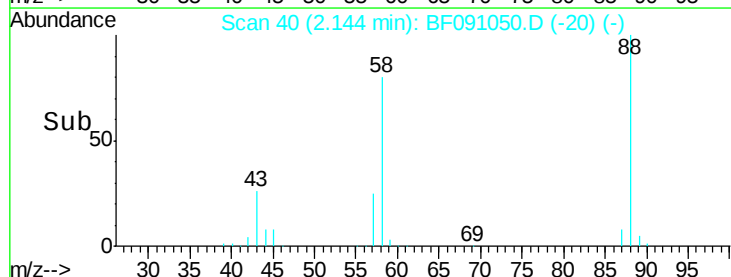
43 26.7 22.6 33.8

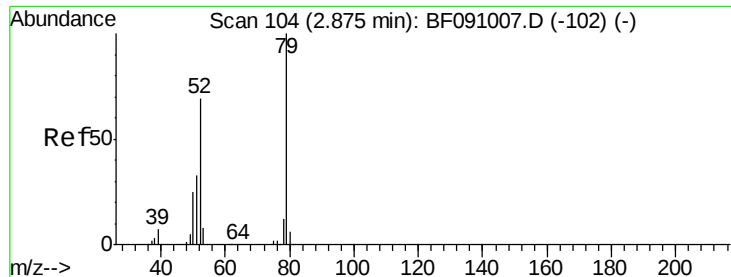


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.90 ng

RT: 2.80 min Scan# 97

Delta R.T. -0.08 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

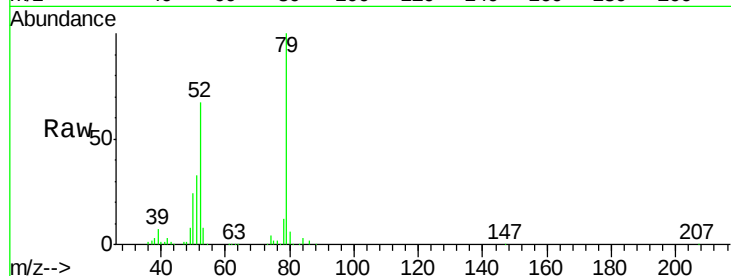
Tot Ion: 79 Resp: 662617

Ion Ratio Lower Upper

79 100

52 67.2 55.4 83.0

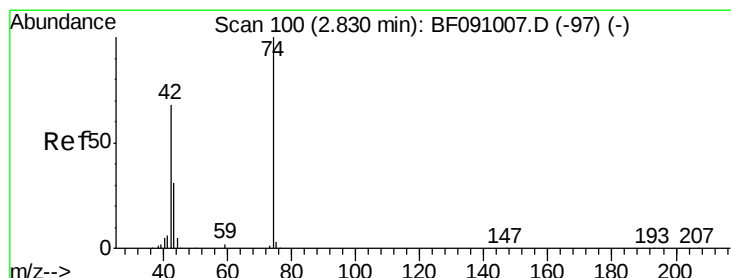
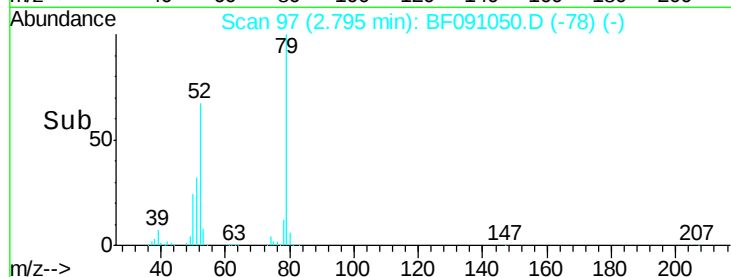
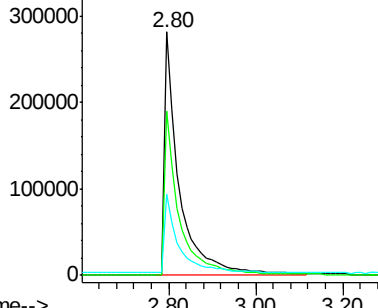
51 33.1 27.4 41.0



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: 39.98 ng

RT: 2.76 min Scan# 94

Delta R.T. -0.07 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

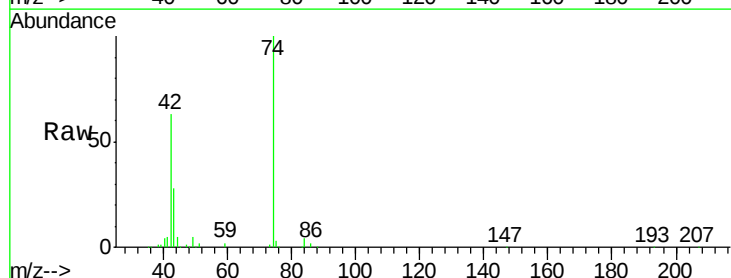
Tgt Ion: 42 Resp: 223421

Ion Ratio Lower Upper

42 100

74 158.3 117.3 175.9

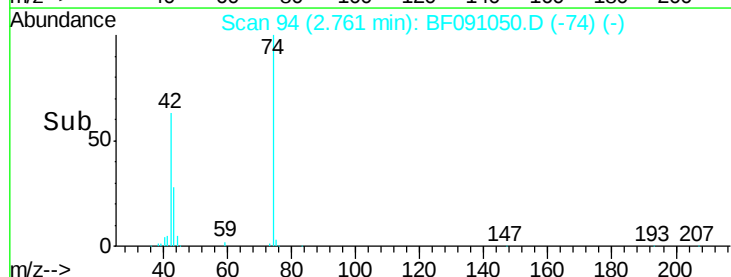
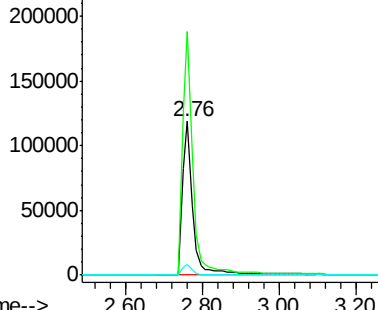
44 7.1 5.8 8.8



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: 84.17 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

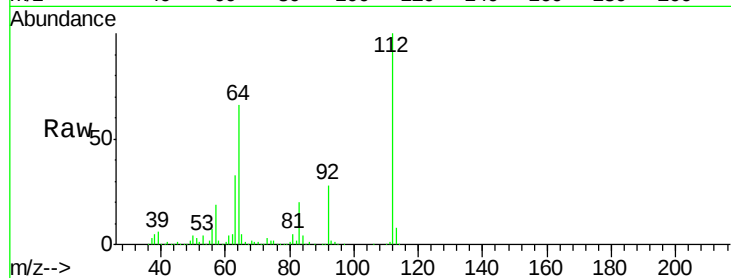
Tot Ion:112 Resp: 888744

Ion Ratio Lower Upper

112 100

64 65.8 55.8 83.6

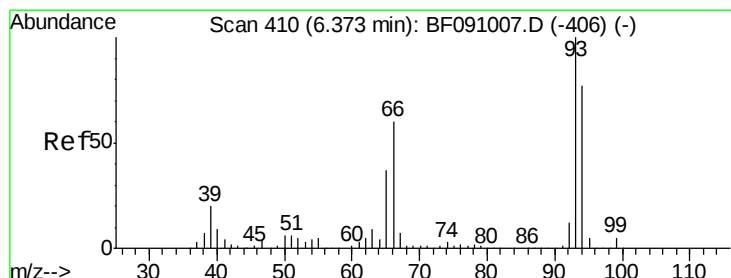
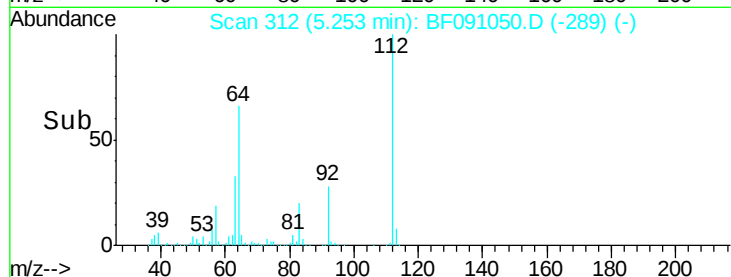
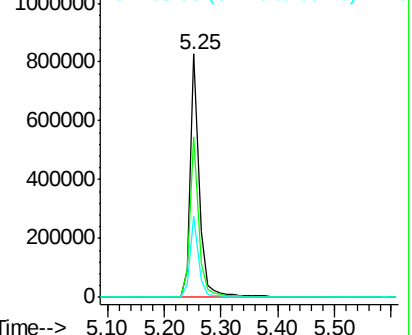
63 33.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.93 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

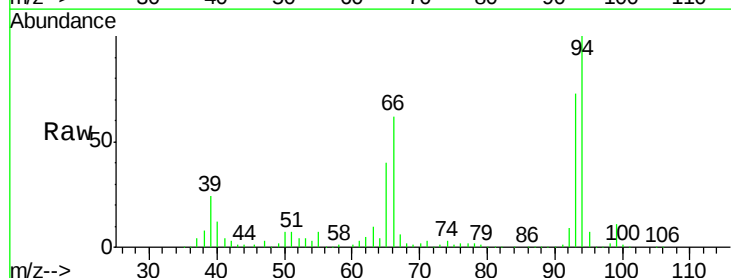
Tgt Ion: 93 Resp: 675061

Ion Ratio Lower Upper

93 100

66 84.4 48.2 72.2#

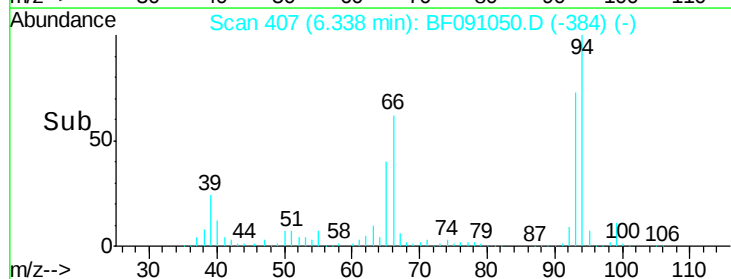
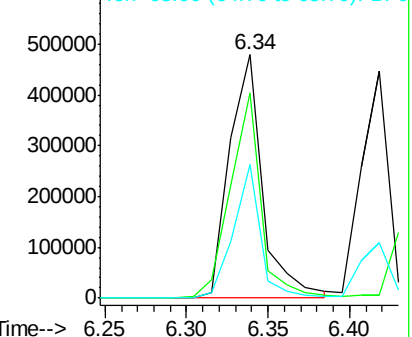
65 54.8 29.4 44.0#

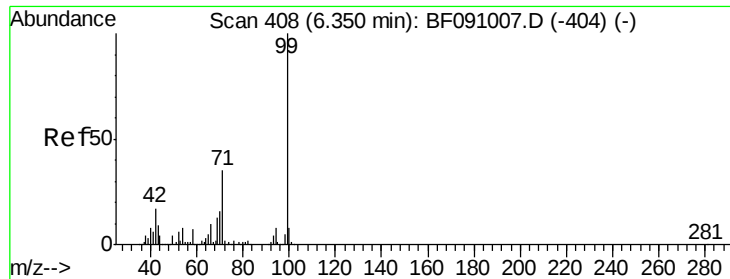


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.20 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

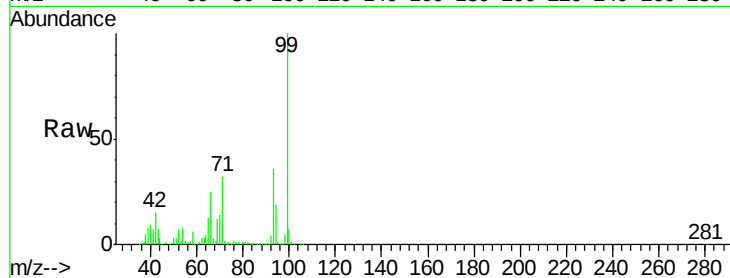
Tot Ion: 99 Resp: 1092009

Ion Ratio Lower Upper

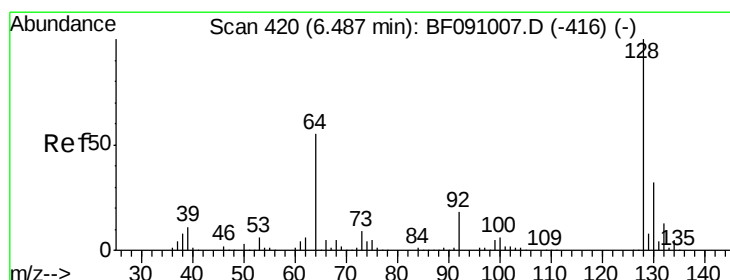
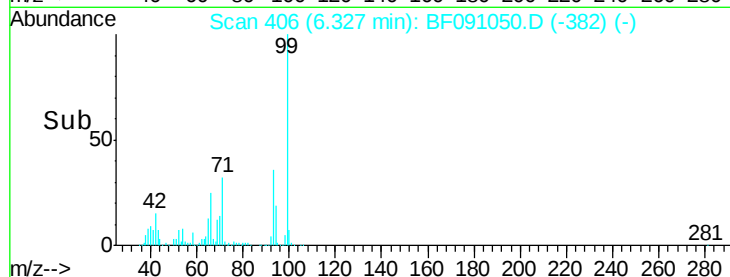
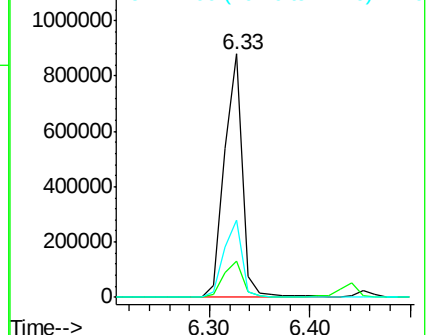
99 100

42 15.1 13.9 20.9

71 31.9 27.8 41.8



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



#8

2-Chlorophenol

Concen: 39.67 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

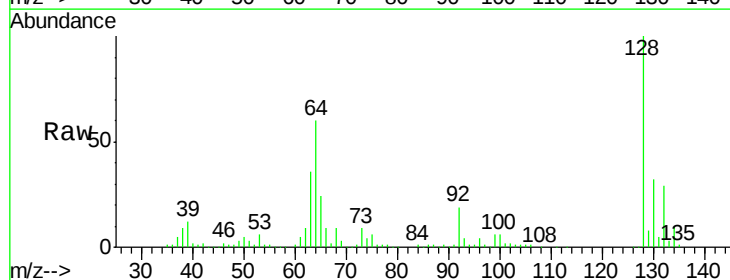
Tgt Ion: 128 Resp: 499673

Ion Ratio Lower Upper

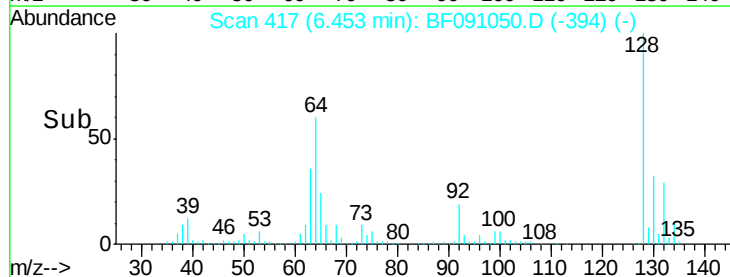
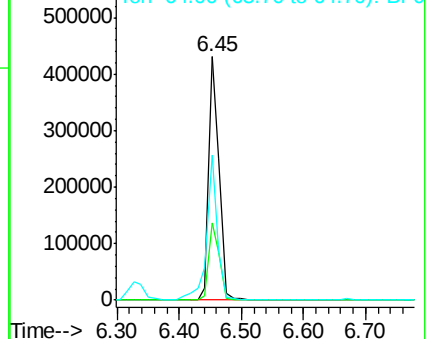
128 100

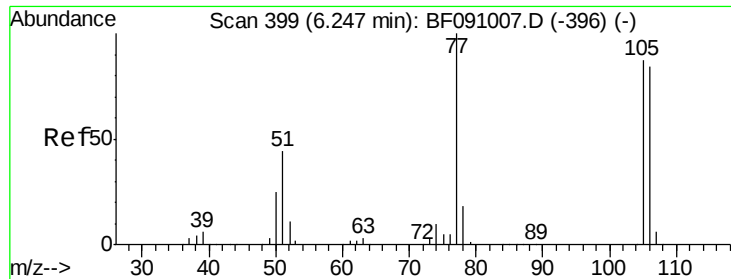
130 31.7 12.0 52.0

64 59.7 37.2 77.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.91 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

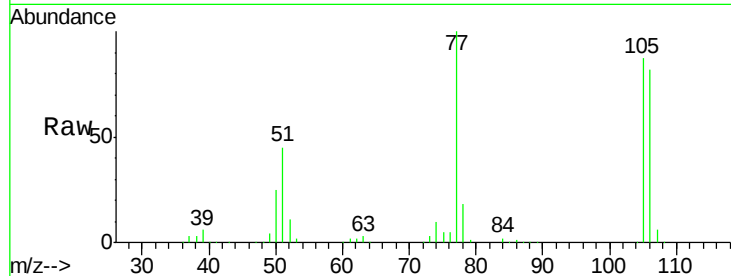
Tot Ion: 77 Resp: 301547

Ion Ratio Lower Upper

77 100

105 87.2 66.8 106.8

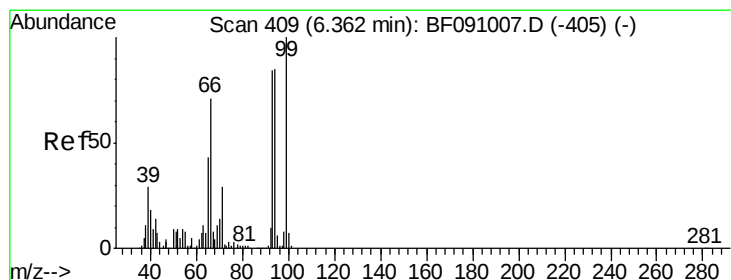
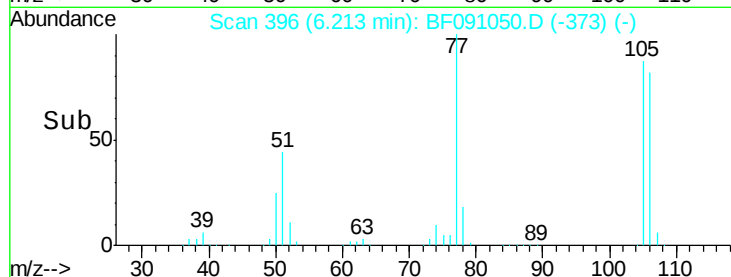
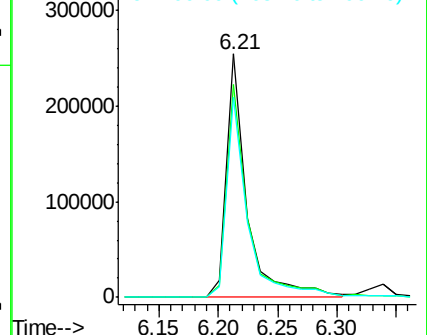
106 82.1 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.45 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

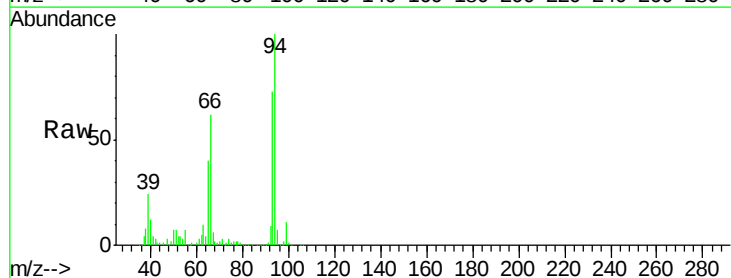
Tgt Ion: 94 Resp: 641531

Ion Ratio Lower Upper

94 100

65 40.0 30.4 70.4

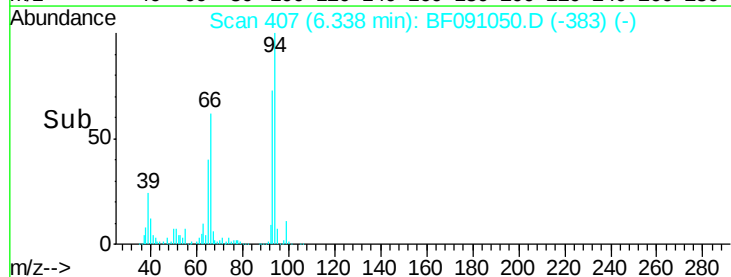
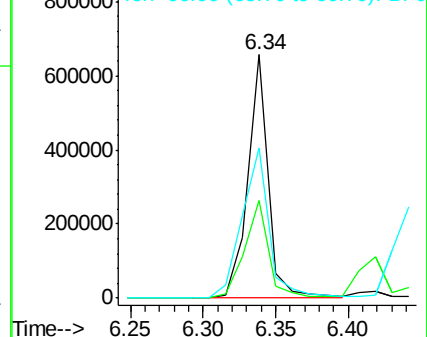
66 61.6 62.9 102.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

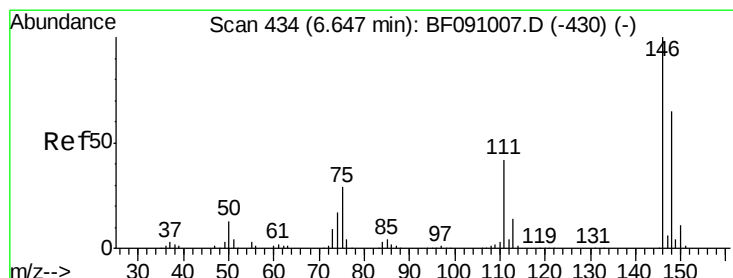
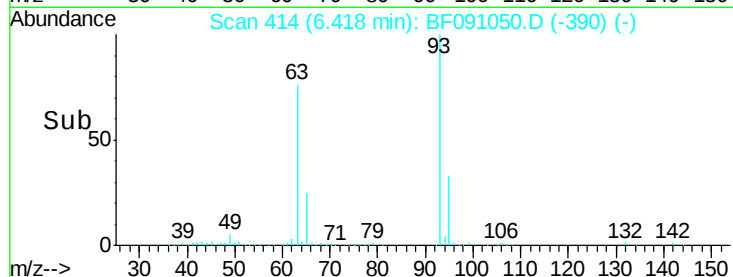
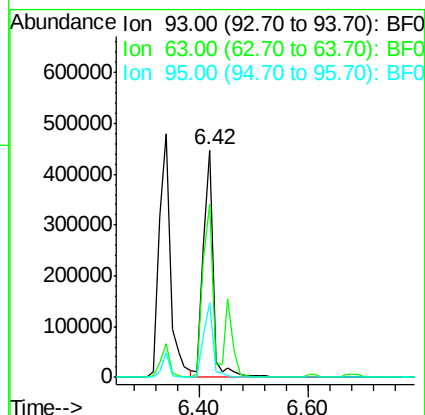
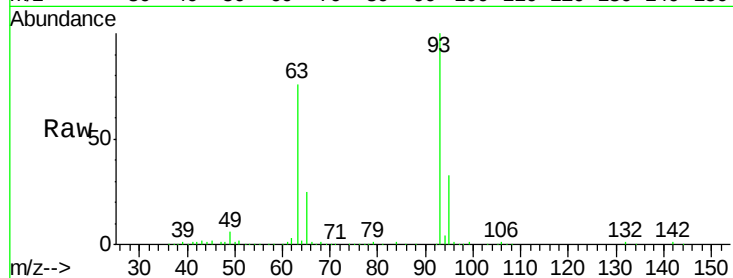




#11
 bis(2-Chloroethyl)ether
 Concen: 41.32 ng
 RT: 6.42 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

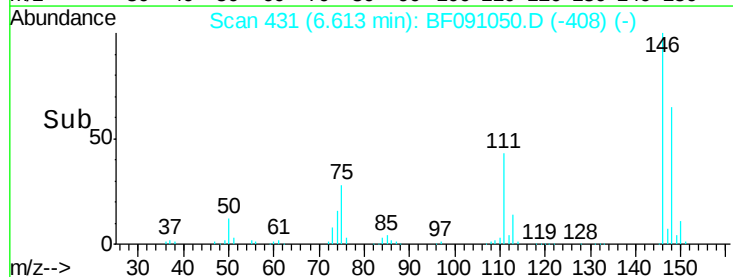
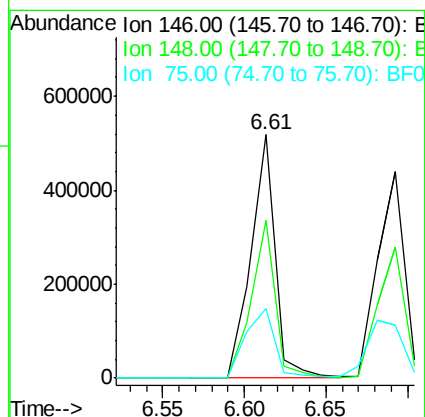
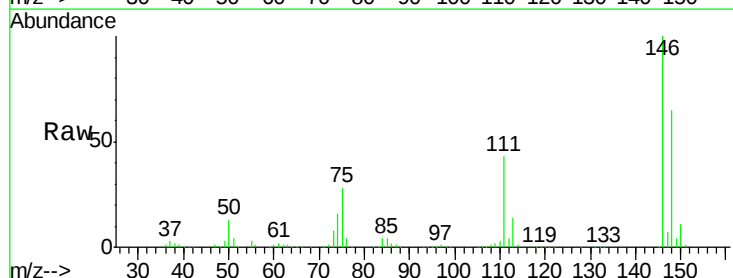
Instrument :
 BNA_F
 ClientSampleId :

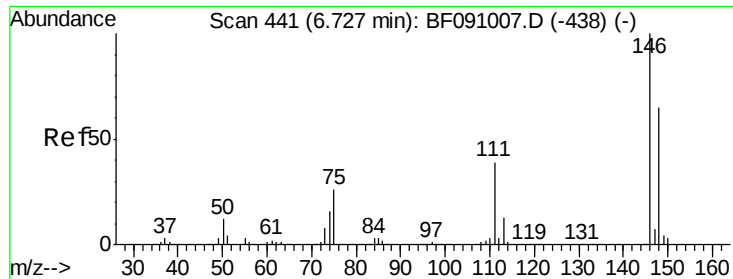
Tot Ion: 93 Resp: 552287
 Ion Ratio Lower Upper
 93 100
 63 76.1 68.9 108.9
 95 32.9 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 41.98 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion: 146 Resp: 534793
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 75 28.3 23.0 34.6

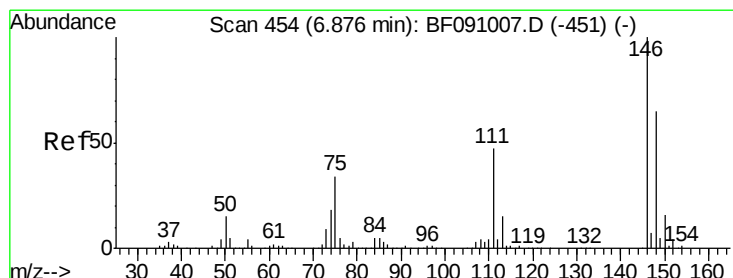
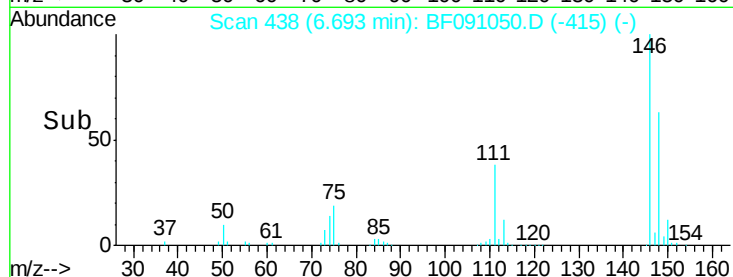
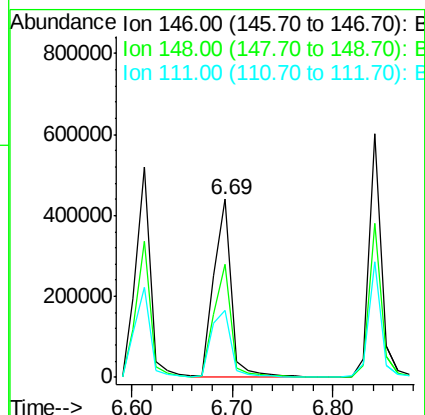
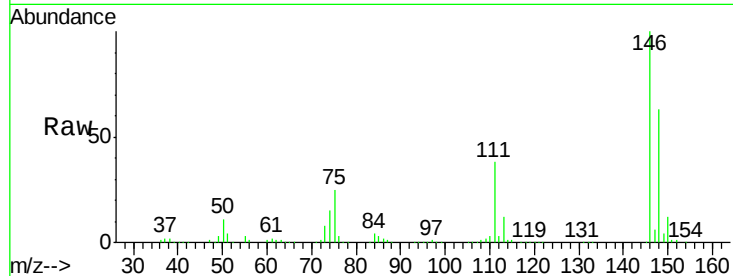




#13
 1,4-Dichlorobenzene
 Concen: 38.90 ng
 RT: 6.69 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

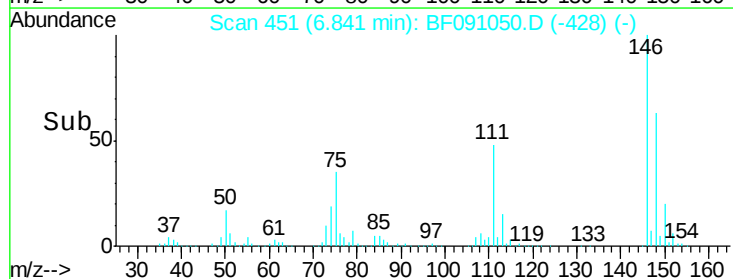
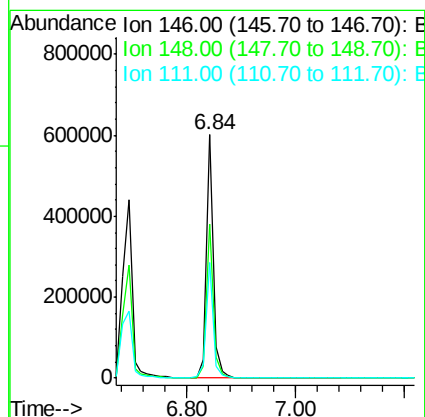
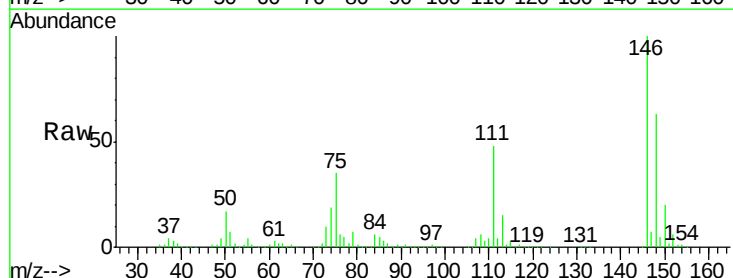
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 531662
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.1 78.1
 111 37.5 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 41.65 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:146 Resp: 522389
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.6 77.4
 111 47.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.42 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

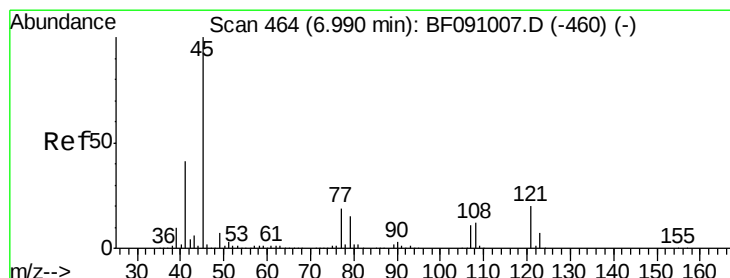
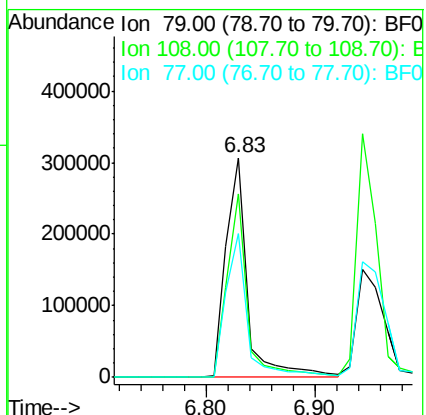
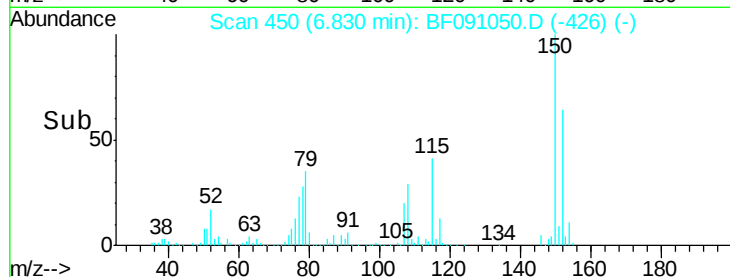
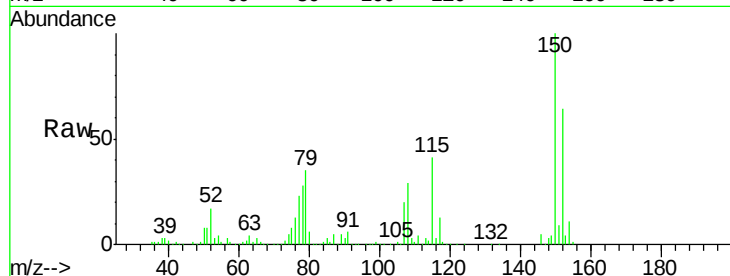
Tot Ion: 79 Resp: 418746

Ion Ratio Lower Upper

79 100

108 83.4 55.7 83.5

77 65.4 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.18 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

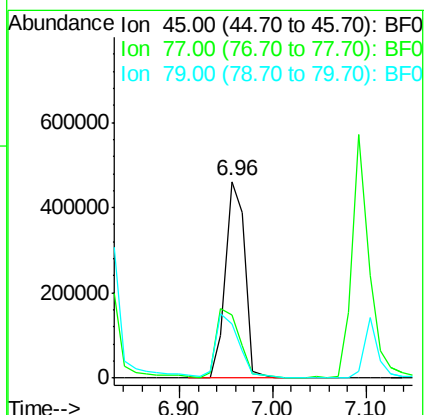
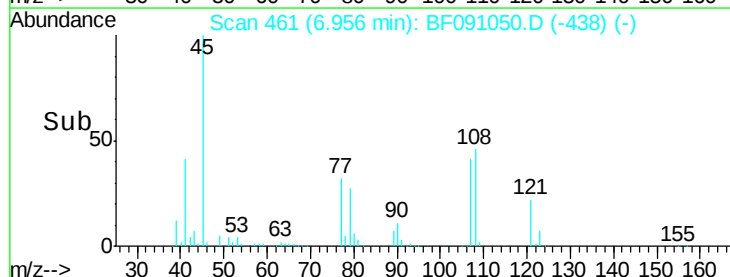
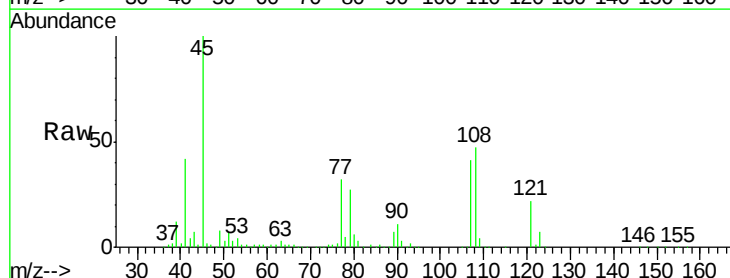
Tgt Ion: 45 Resp: 673223

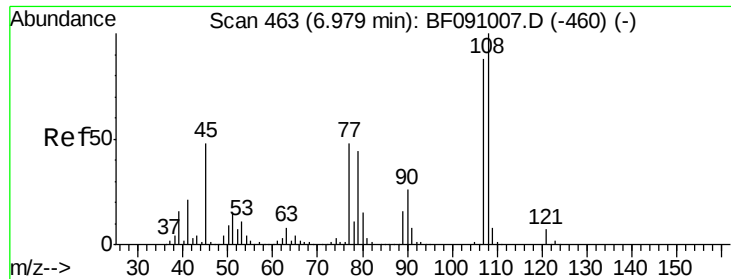
Ion Ratio Lower Upper

45 100

77 32.0 0.0 39.6

79 27.4 0.0 35.9

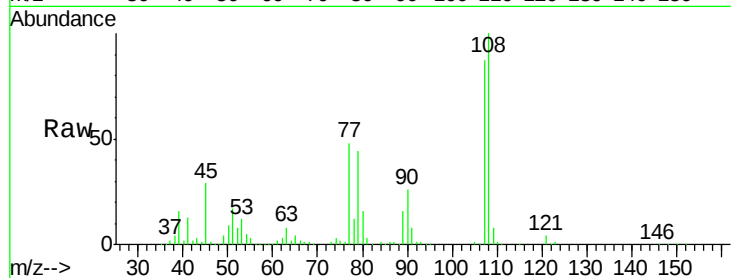




#17
2-Methylphenol
Concen: 38.12 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.0	136.6
77	54.8	43.8	65.8
79	51.0	40.6	60.8



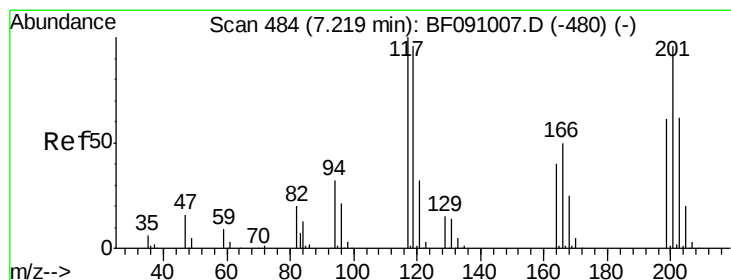
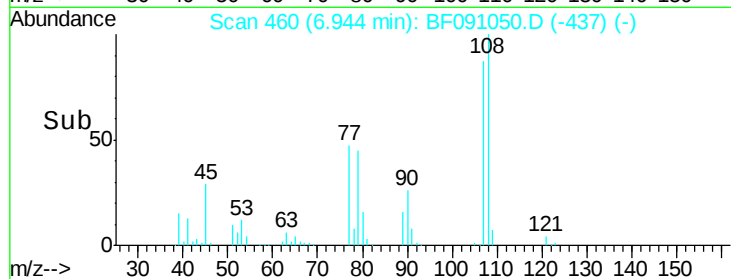
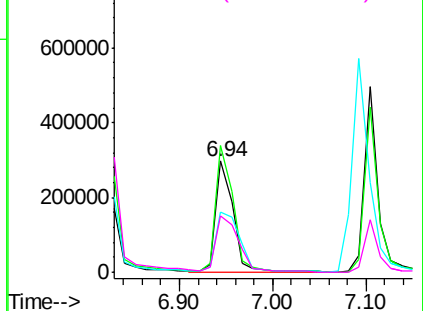
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

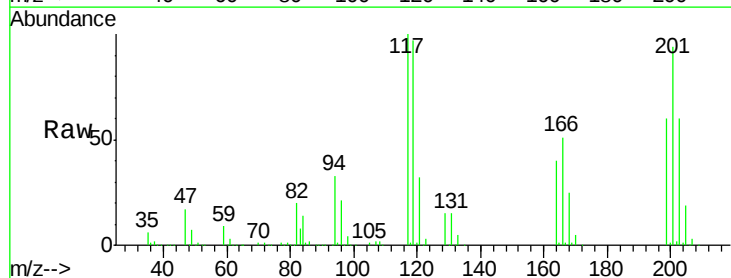
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.00 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	115.0
201	94.2	77.1	115.7

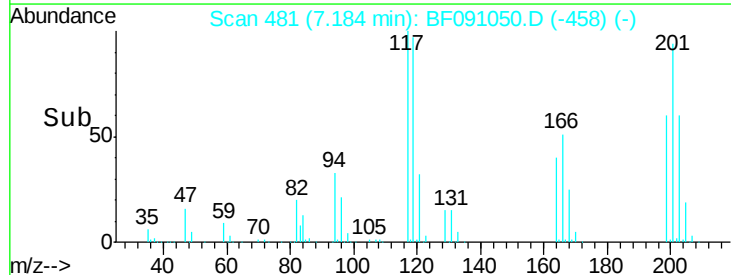
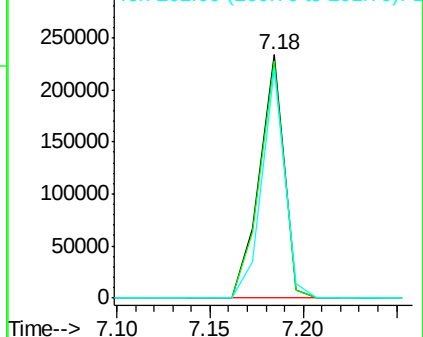


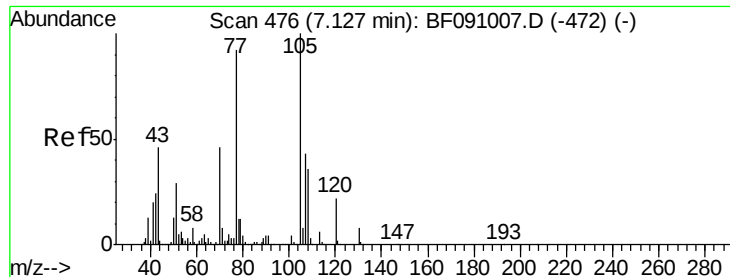
Abundance

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

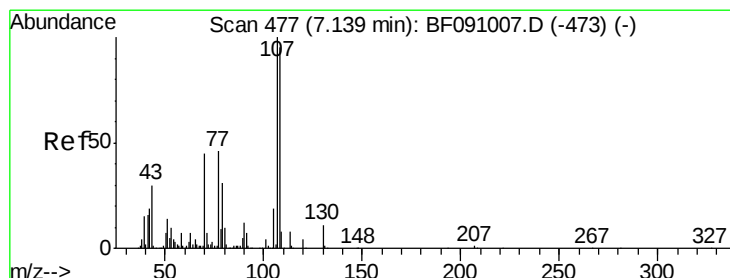
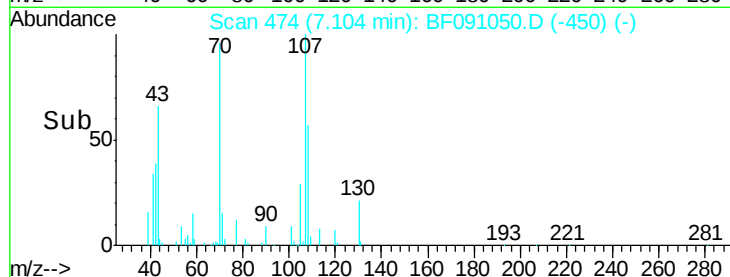
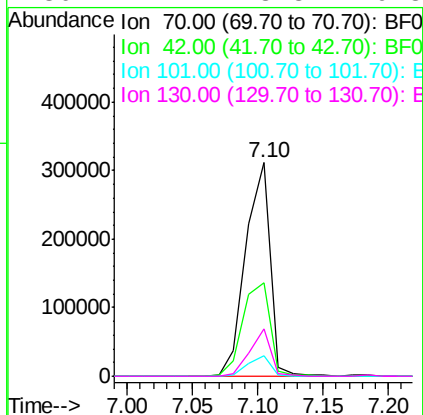
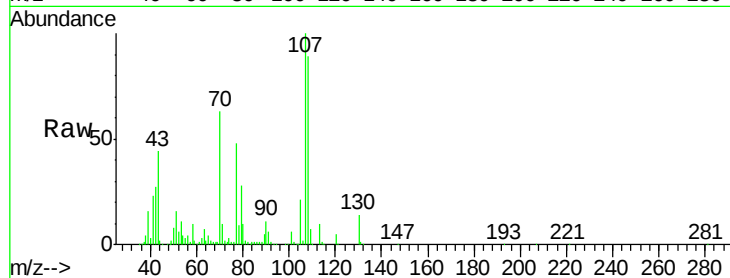




#19
n-Nitroso-di-n-propylamine
Concen: 40.96 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

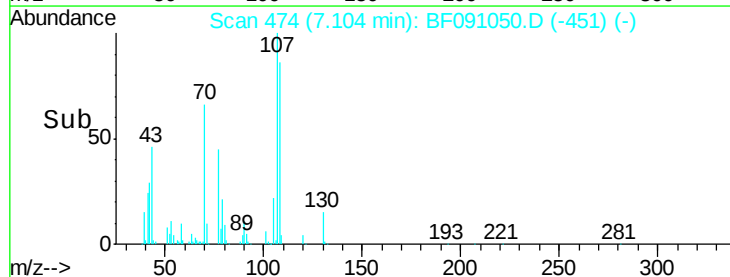
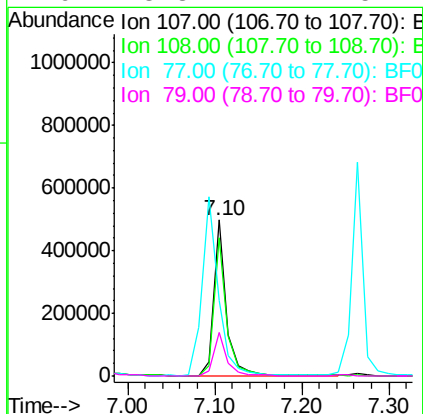
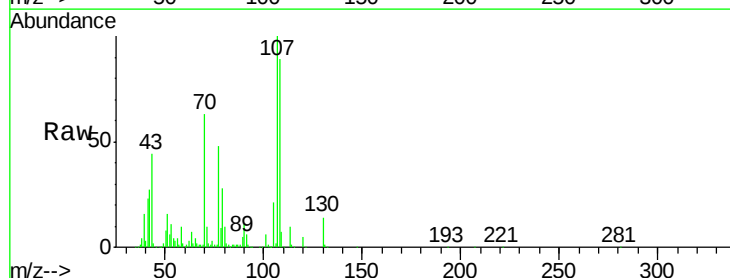
Instrument :
BNA_F
ClientSampleId :

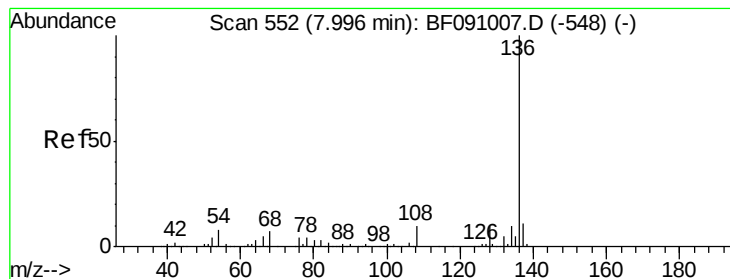
Tot Ion: 70 Resp: 406811
Ion Ratio Lower Upper
70 100
42 43.5 41.7 62.5
101 9.6 6.7 10.1
130 22.2 13.8 20.8#



#20
3+4-Methylphenols
Concen: 42.46 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion: 107 Resp: 508340
Ion Ratio Lower Upper
107 100
108 89.0 75.5 115.5
77 48.2 26.4 66.4
79 28.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 747844

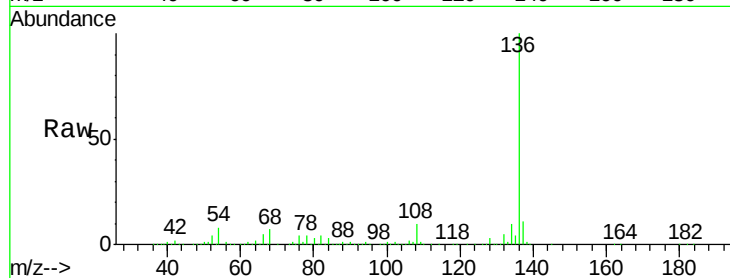
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.2 9.2

68 6.9 5.5 8.3

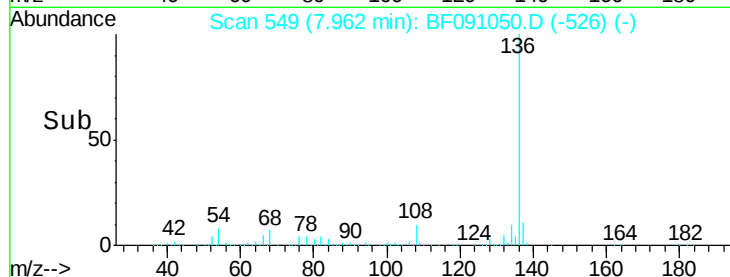


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.96

800000

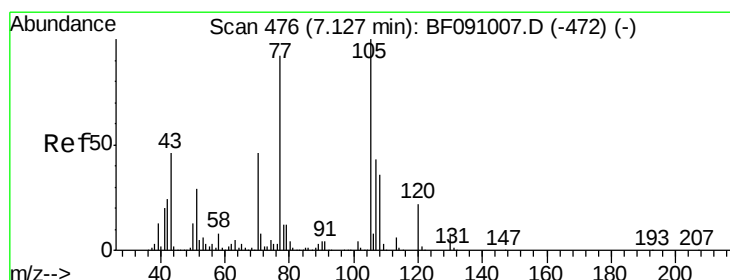
600000

400000

200000

0

Time-->



#22

Acetophenone

Concen: 41.26 ng

RT: 7.09 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:105 Resp: 710448

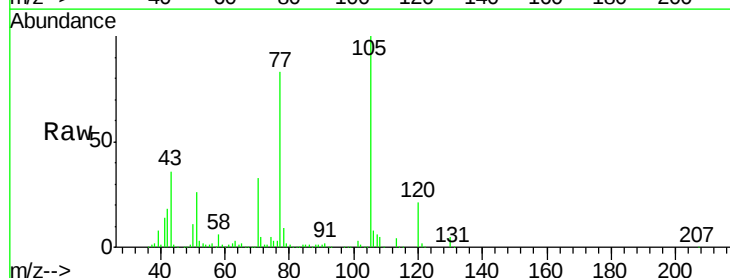
Ion Ratio Lower Upper

105 100

71 5.4 6.2 9.2#

51 26.1 23.3 34.9

120 20.8 17.4 26.0

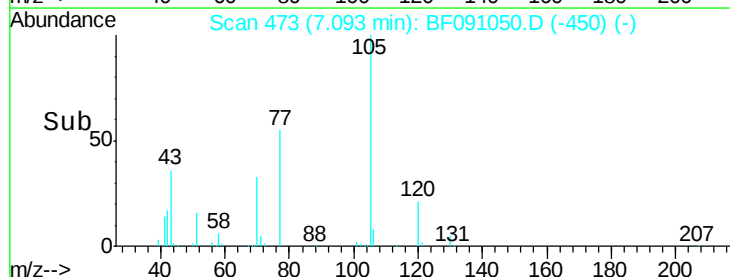


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

7.09

1000000

800000

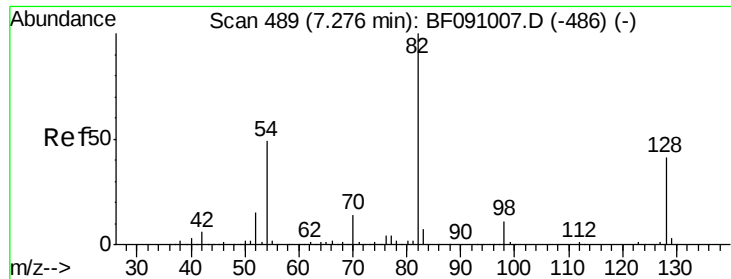
600000

400000

200000

0

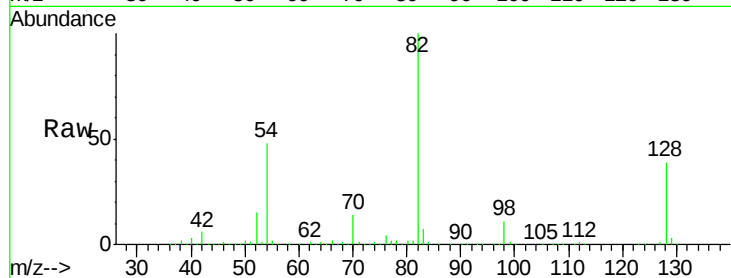
Time-->



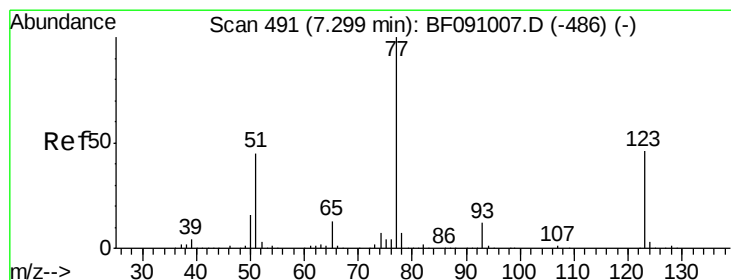
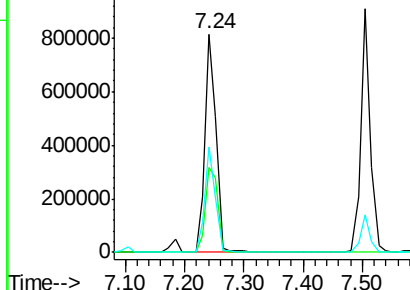
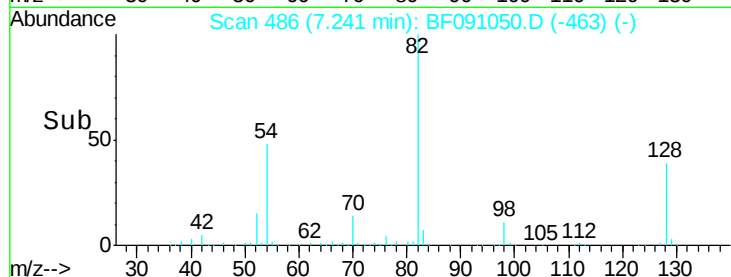
#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1096167
Ion Ratio Lower Upper
82 100
128 38.9 32.4 48.6
54 48.3 39.2 58.8

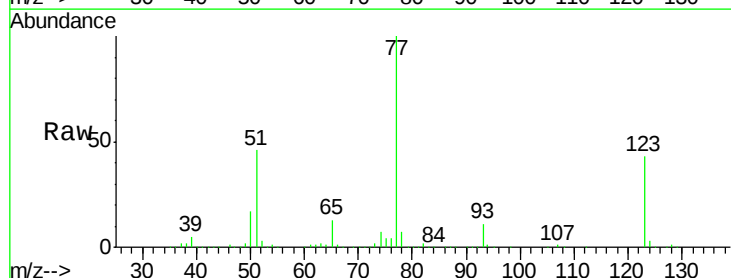


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

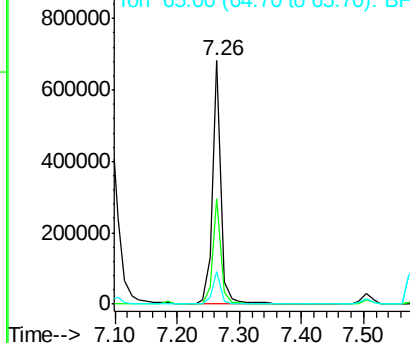
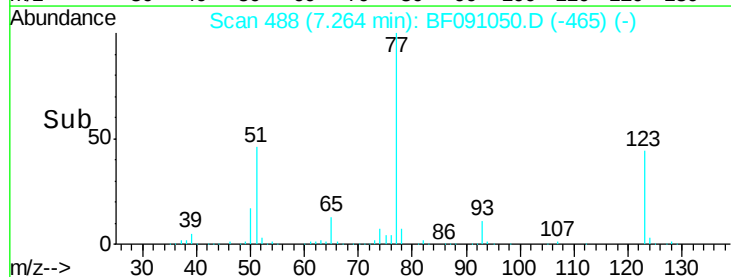


#24
Nitrobenzene
Concen: 42.14 ng
RT: 7.26 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion: 77 Resp: 638020
Ion Ratio Lower Upper
77 100
123 43.4 36.5 54.7
65 13.5 10.7 16.1



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





#25

Isophorone

Concen: 38.12 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

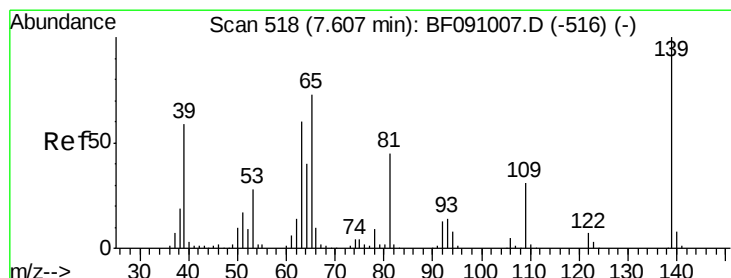
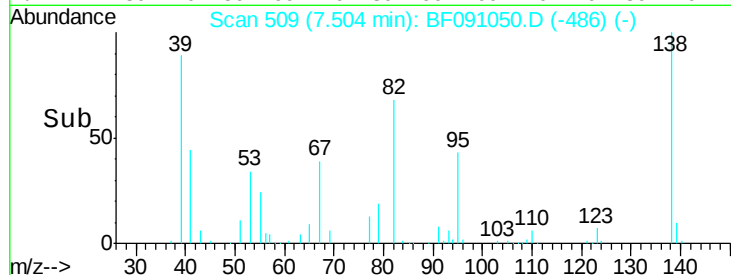
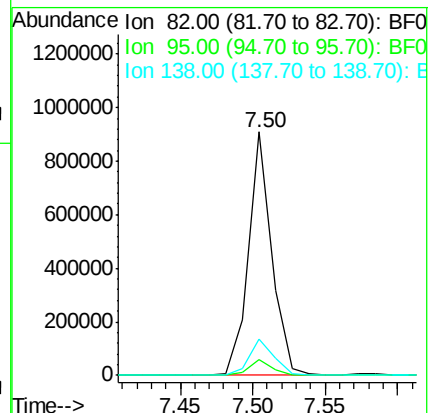
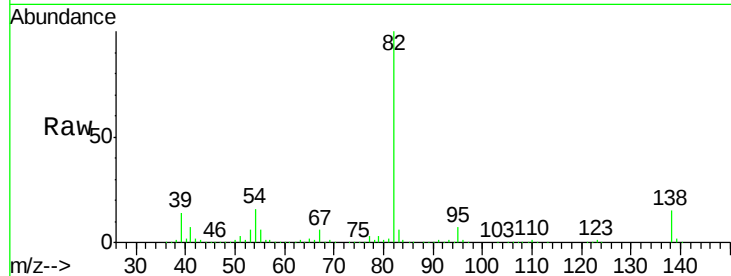
Tot Ion: 82 Resp: 1006871

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 15.2 13.0 19.4



#26

2-Nitrophenol

Concen: 44.13 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

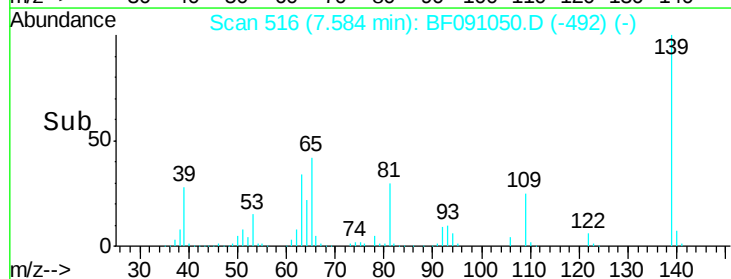
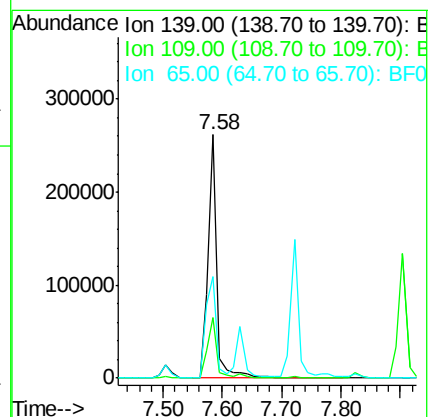
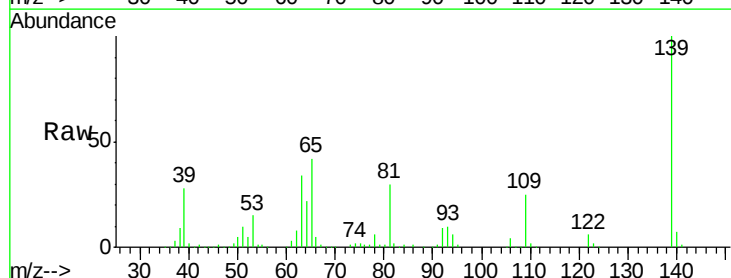
Tgt Ion: 139 Resp: 282755

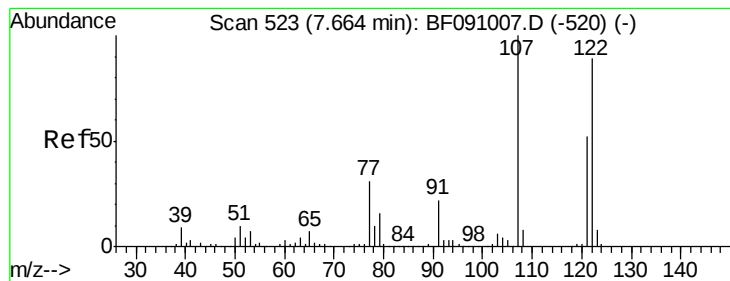
Ion Ratio Lower Upper

139 100

109 25.0 24.7 37.1

65 42.0 58.3 87.5#

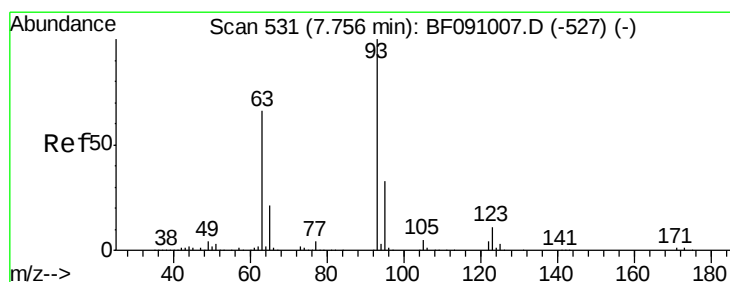
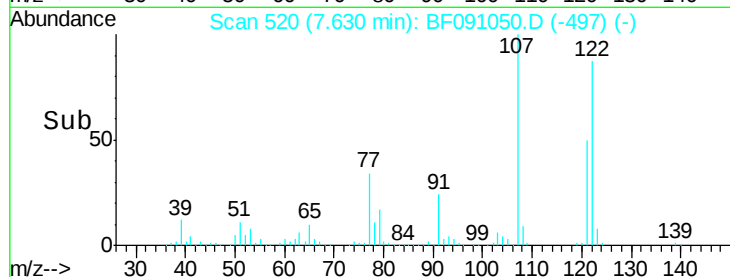
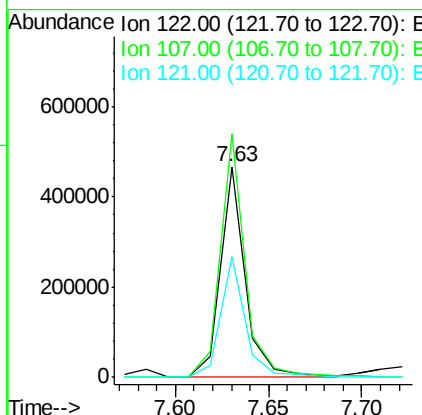
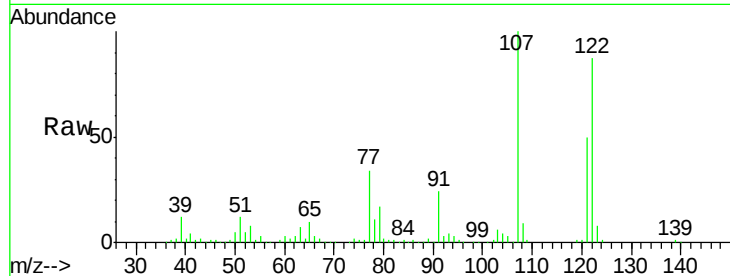




#27
 2,4-Dimethylphenol
 Concen: 40.81 ng
 RT: 7.63 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

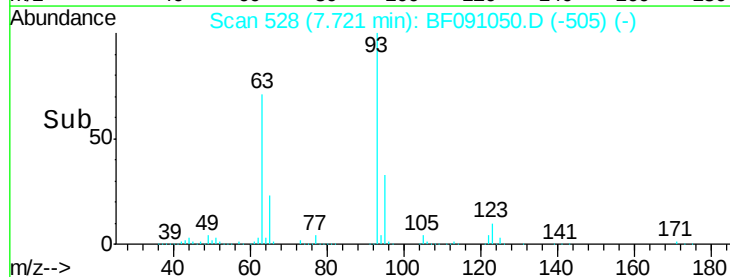
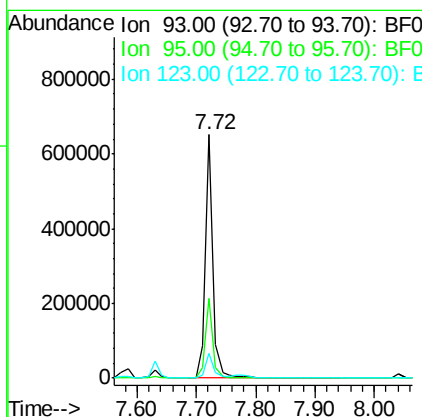
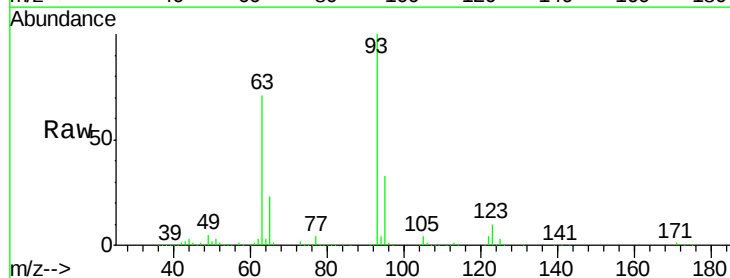
Instrument :
 BNA_F
 ClientSampleId :

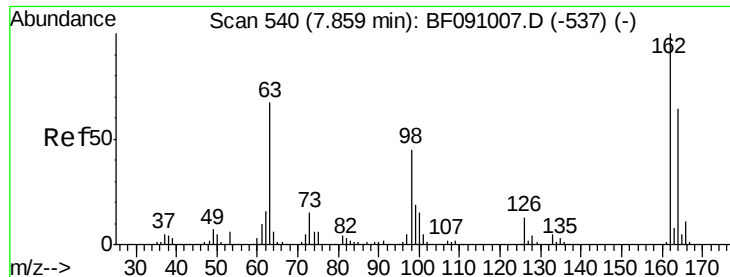
Tot Ion:122 Resp: 432432
 Ion Ratio Lower Upper
 122 100
 107 115.5 89.6 134.4
 121 57.2 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.29 ng
 RT: 7.72 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion: 93 Resp: 595822
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.4 8.7 13.1

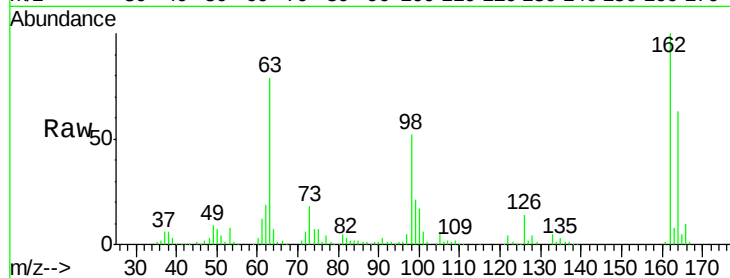




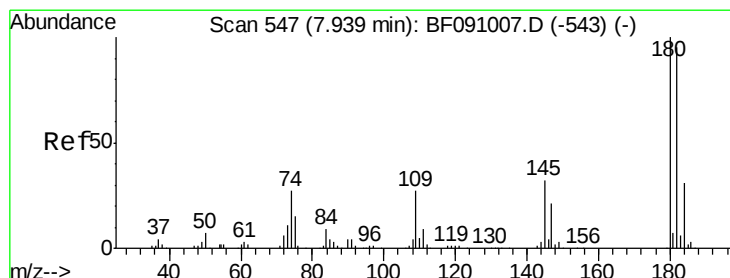
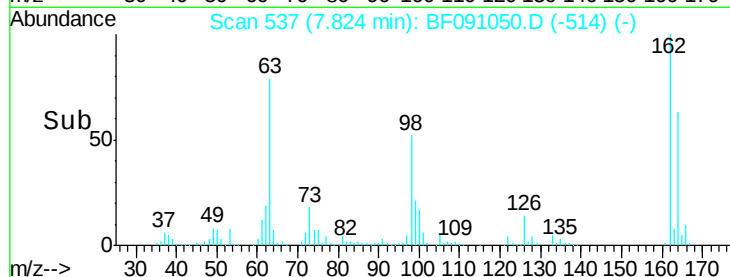
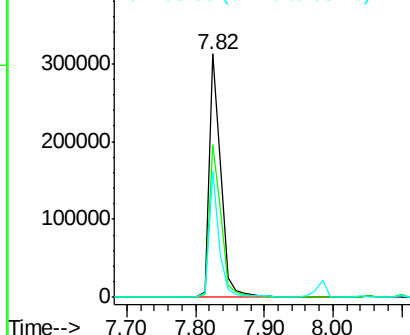
#29
 2,4-Dichlorophenol
 Concen: 40.24 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 372127
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.4 84.4
 98 51.9 25.2 65.2

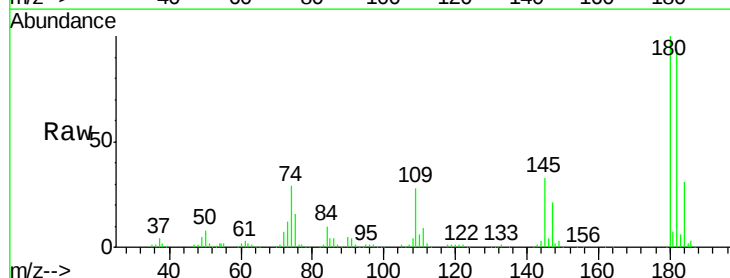


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

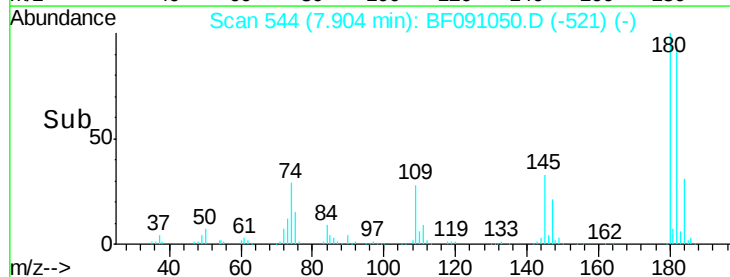
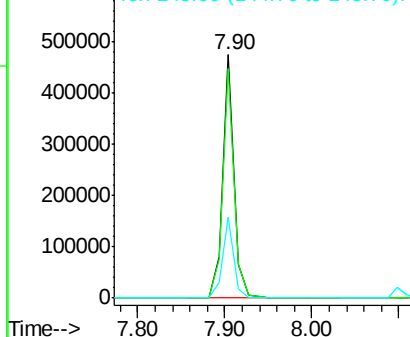


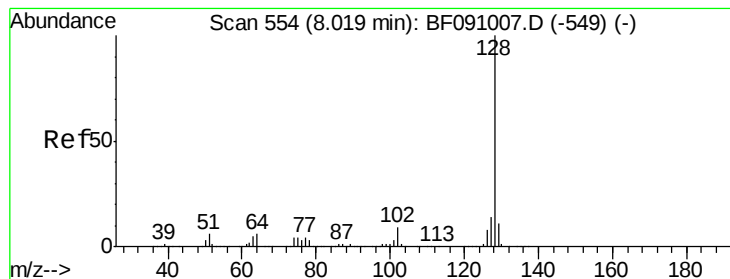
#30
 1,2,4-Trichlorobenzene
 Concen: 41.76 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:180 Resp: 434280
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.0 114.0
 145 33.4 25.8 38.8



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: 41.76 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

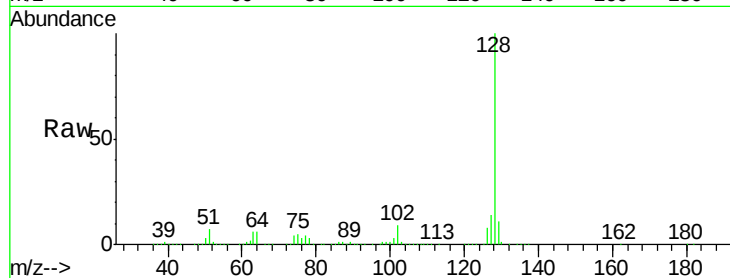
Tot Ion:128 Resp: 1493673

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

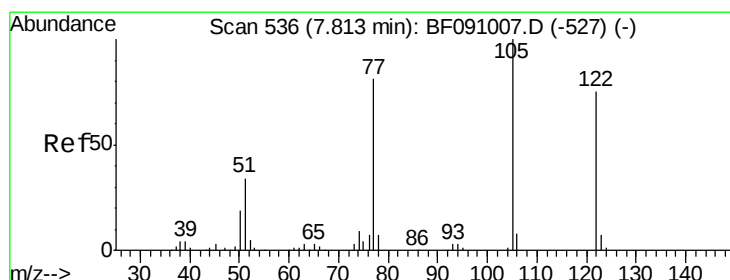
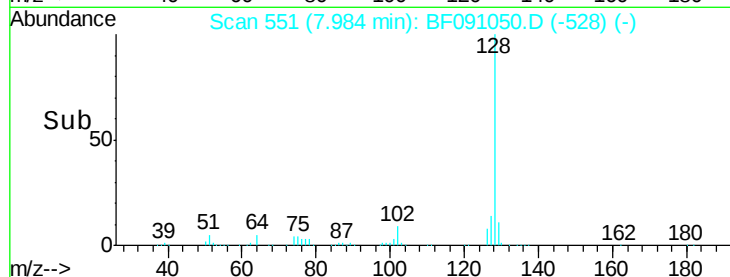
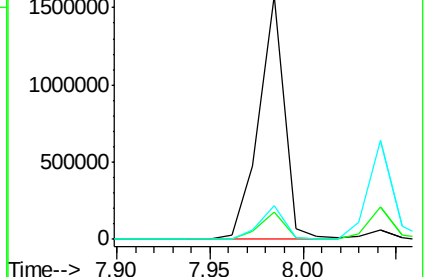
127 13.8 10.9 16.3



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: 38.84 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

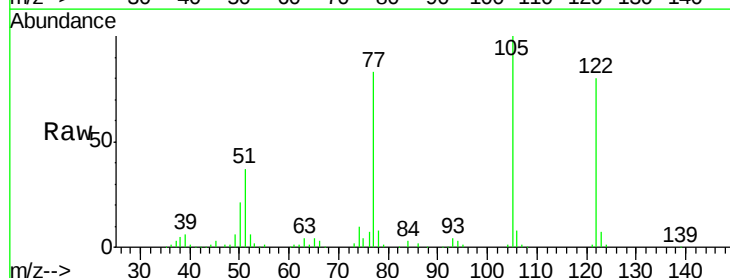
Tgt Ion:122 Resp: 312134

Ion Ratio Lower Upper

122 100

105 125.6 105.9 145.9

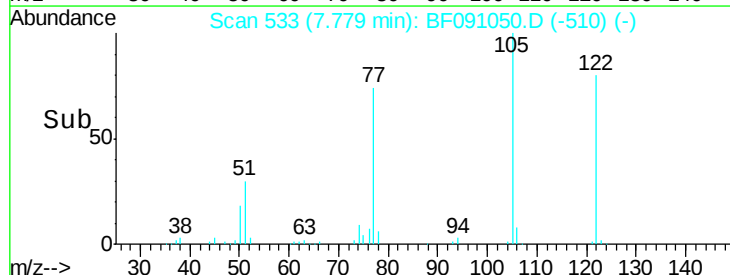
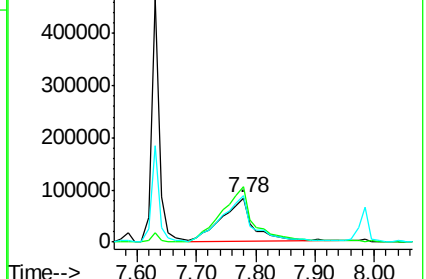
77 104.2 84.0 124.0



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

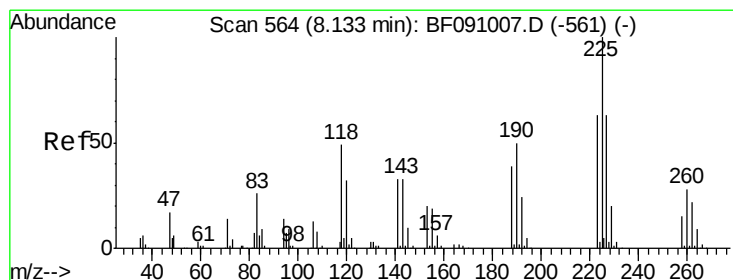
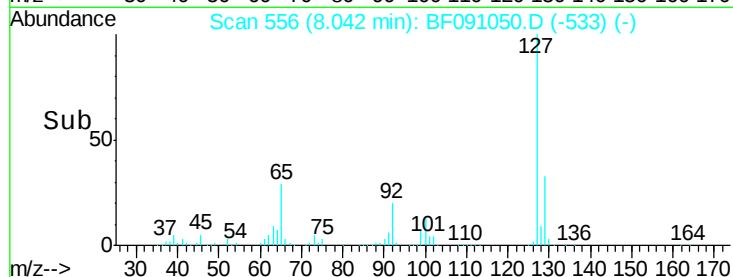
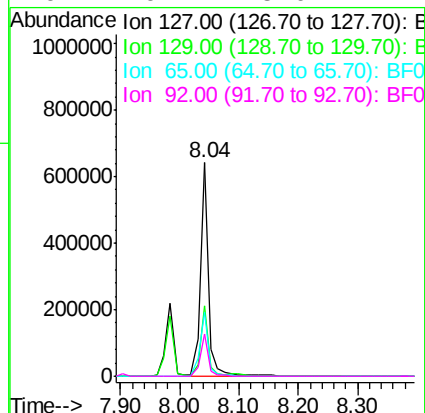
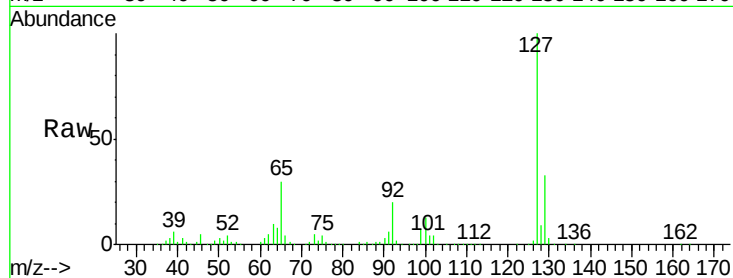




#33
4-Chloroaniline
Concen: 41.74 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

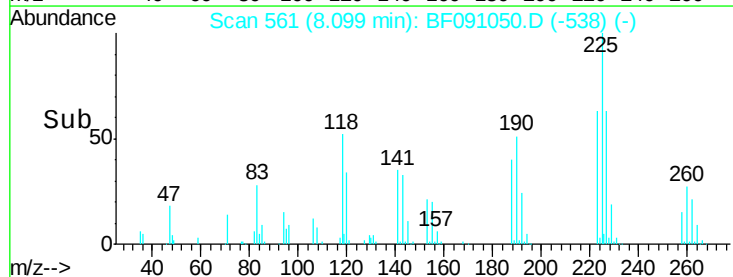
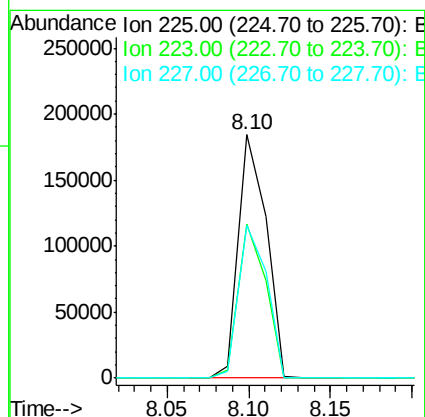
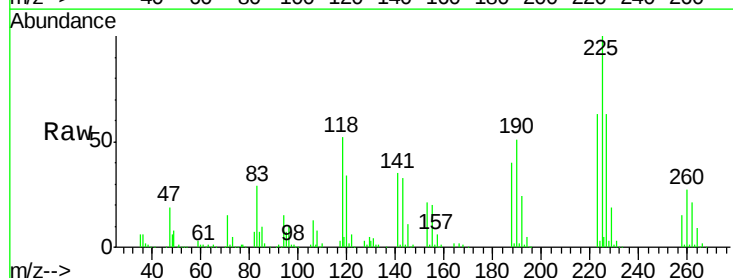
Instrument :
BNA_F
ClientSampled :

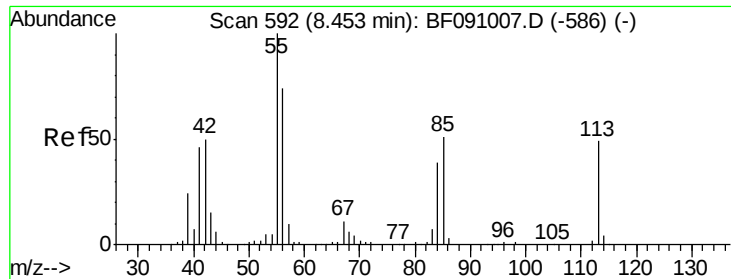
Tot Ion:	127	Resp:	620836
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	30.2	22.2	33.2
92	19.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 38.68 ng
RT: 8.10 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:	225	Resp:	217084
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	62.6	50.1	75.1

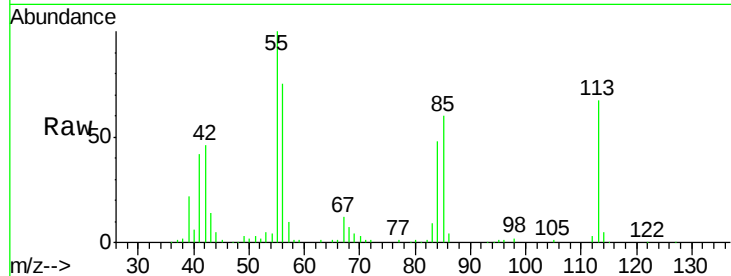




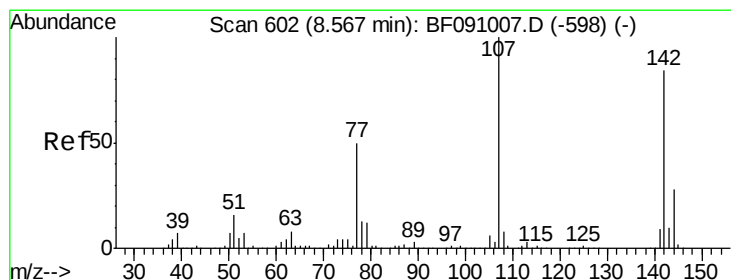
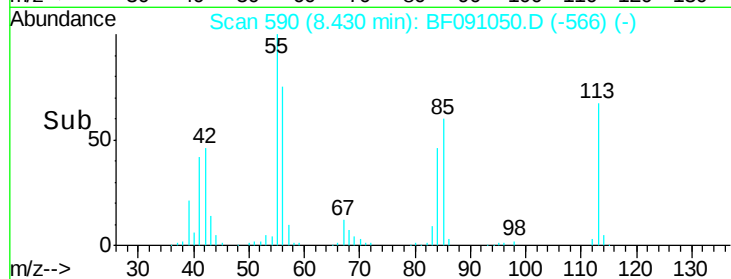
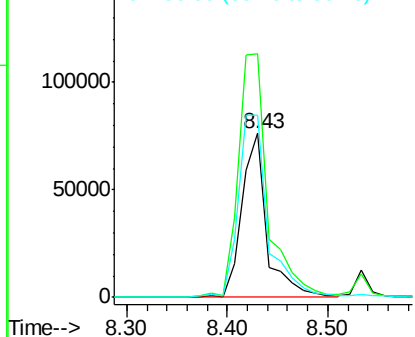
#35
Caprolactam
Concen: 45.28 ng
RT: 8.43 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 131565
Ion Ratio Lower Upper
113 100
55 148.5 184.1 224.1#
56 111.5 132.0 172.0#

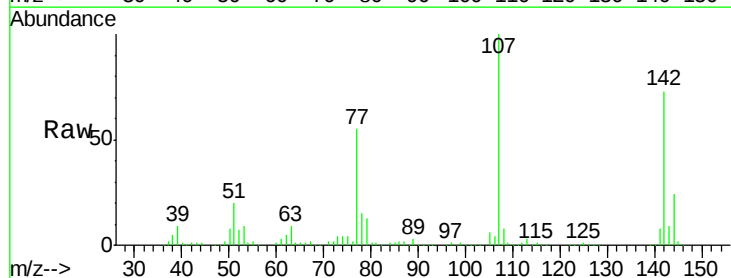


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

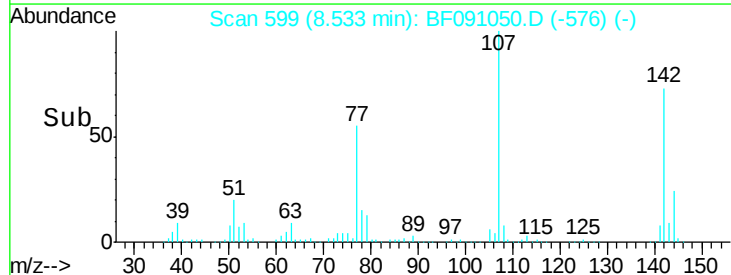
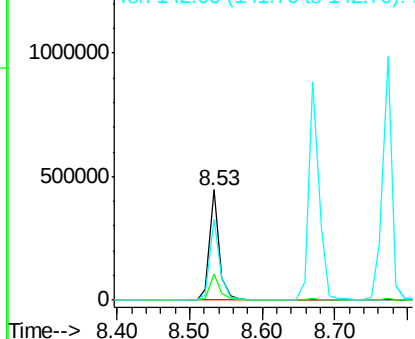


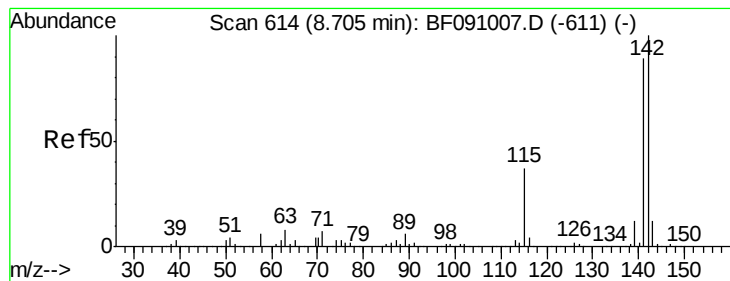
#36
4-Chloro-3-methylphenol
Concen: 38.20 ng
RT: 8.53 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:107 Resp: 427662
Ion Ratio Lower Upper
107 100
144 23.9 22.5 33.7
142 73.3 67.4 101.2



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

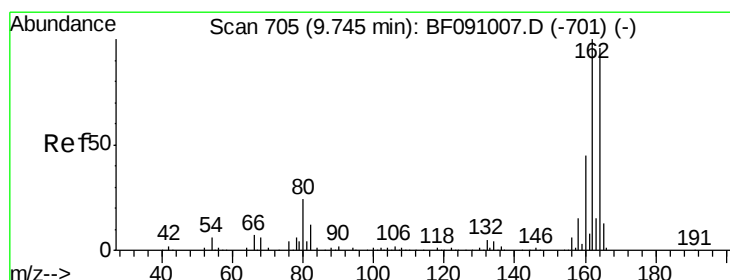
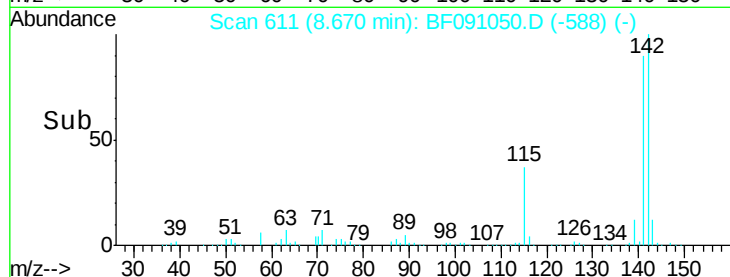
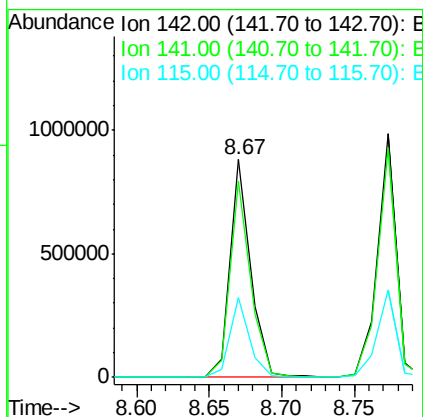
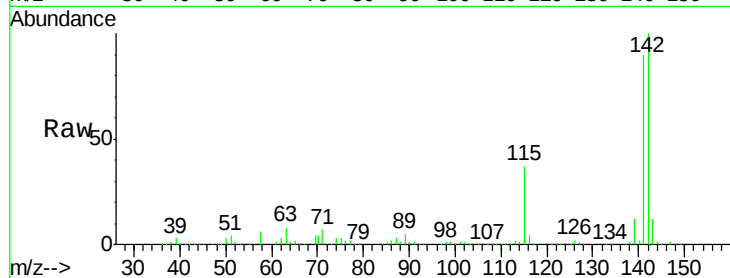




#37
2-Methylnaphthalene
Concen: 38.06 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

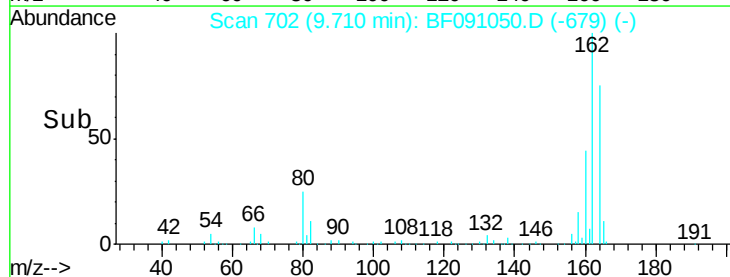
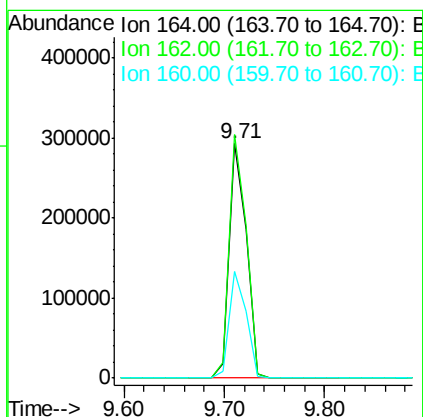
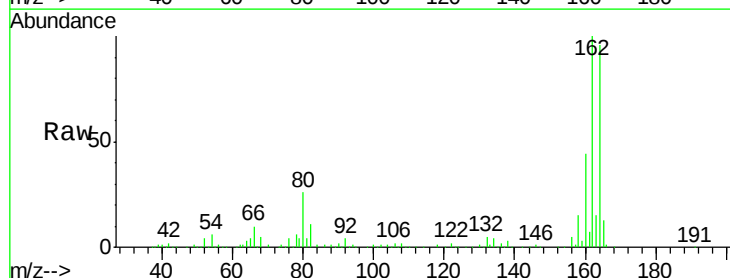
Instrument :
BNA_F
ClientSampleId :

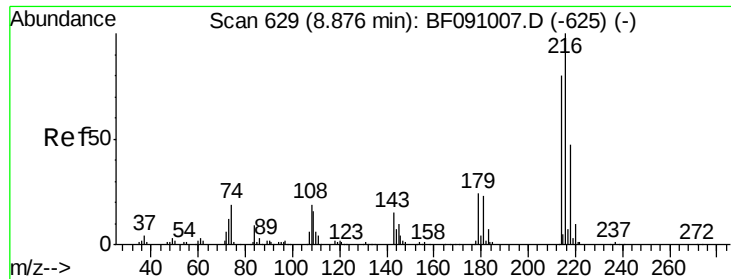
Tot Ion:142 Resp: 875025
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 36.8 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:164 Resp: 347461
Ion Ratio Lower Upper
164 100
162 103.9 83.6 125.4
160 45.5 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.00 ng

RT: 8.84 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF091050.D

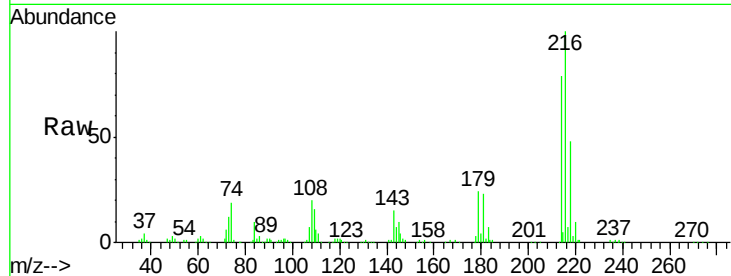
Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	407547
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.5 95.3
179	22.9	19.1 28.7
108	21.1	17.5 26.3

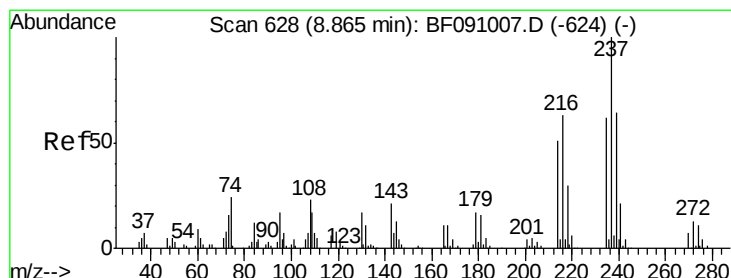
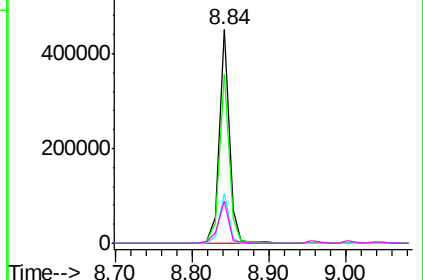
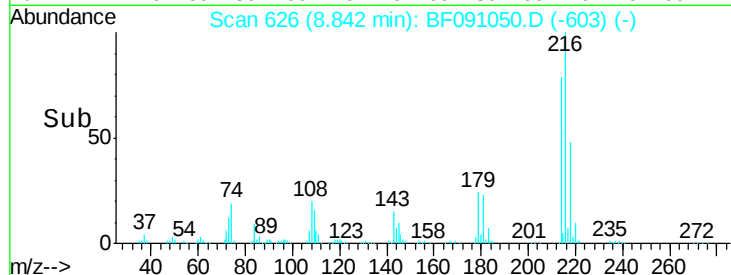


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.56 ng

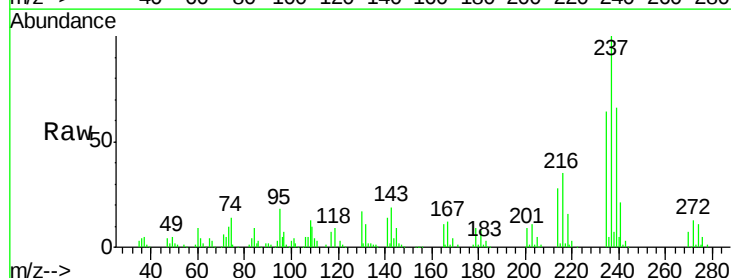
RT: 8.83 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

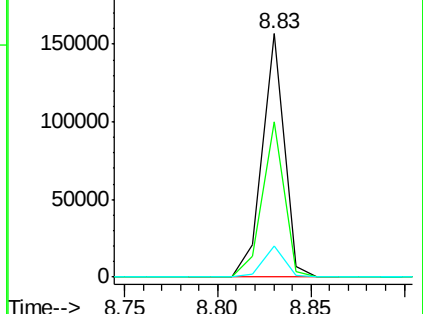
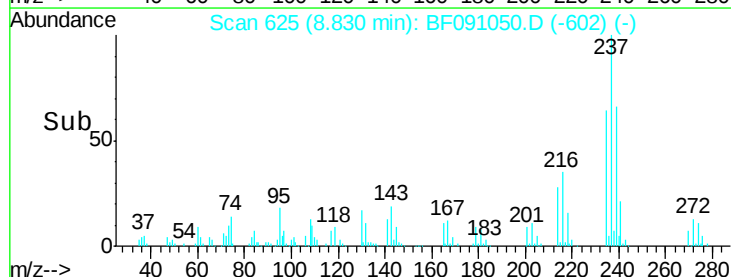
Tgt Ion:237	Resp:	126641
Ion Ratio	Lower	Upper
237	100	
235	63.8	42.1 82.1
272	12.9	0.0 33.1

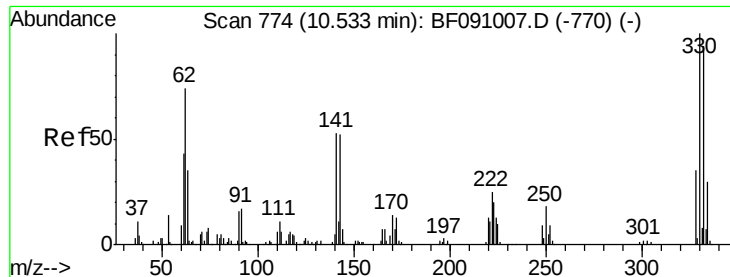


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

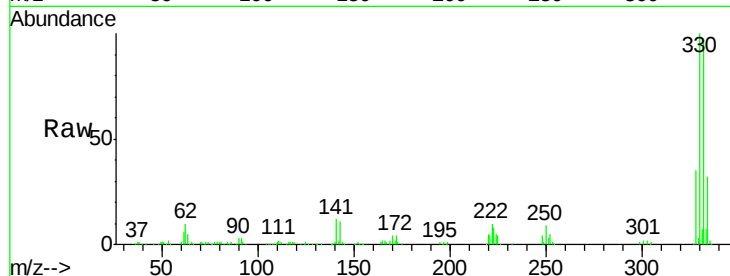




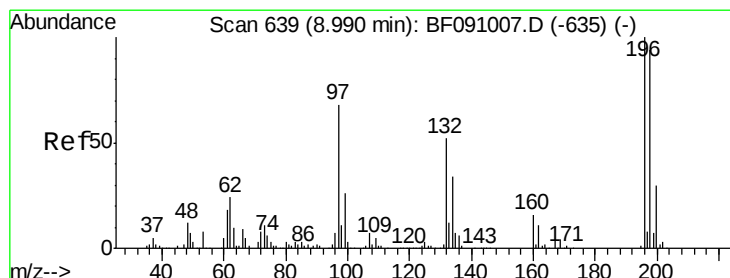
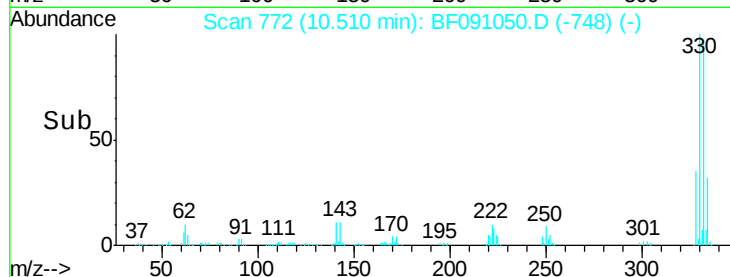
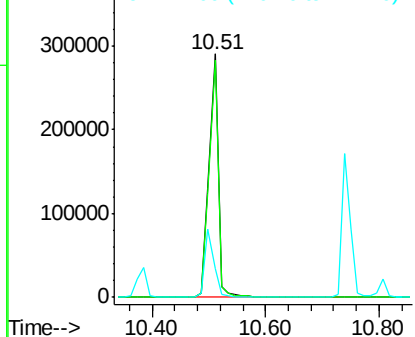
#41
 2,4,6-Tribromophenol
 Concen: 99.67 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.9	113.9
141	28.2	36.1	54.1#

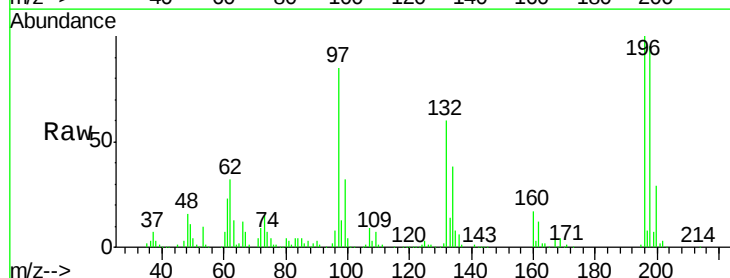


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

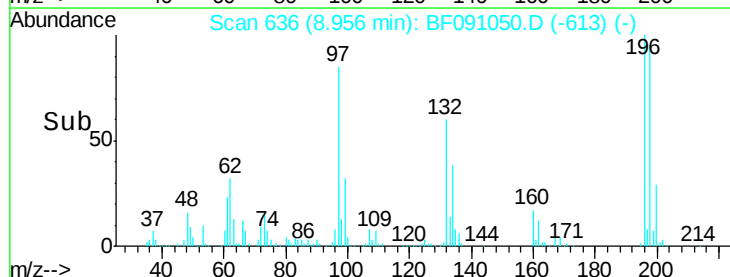
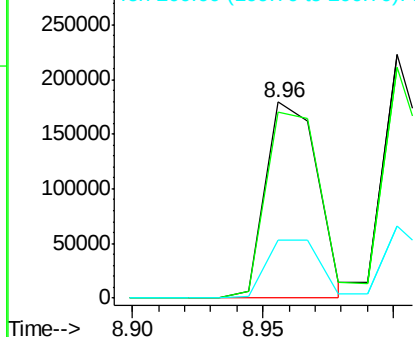


#42
 2,4,6-Trichlorophenol
 Concen: 43.48 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.4	113.0
200	29.5	24.1	36.1



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

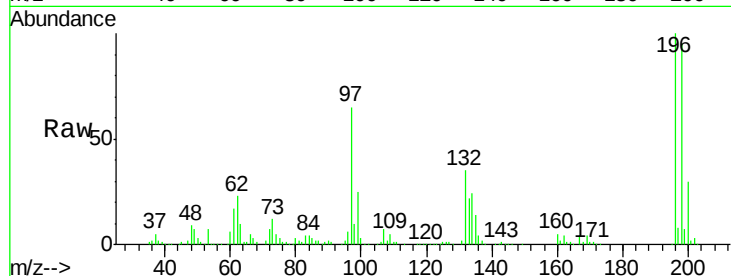




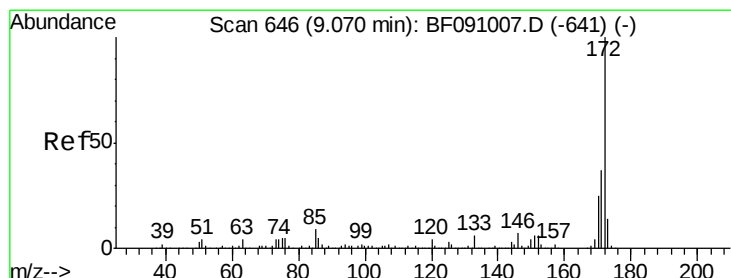
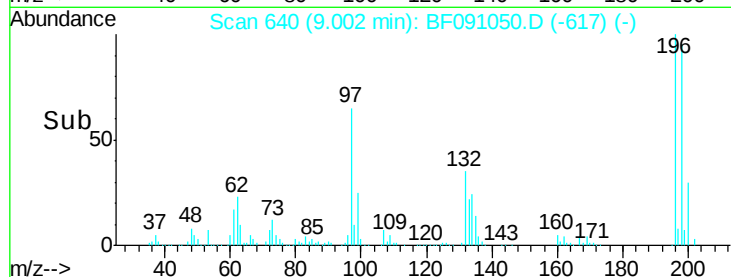
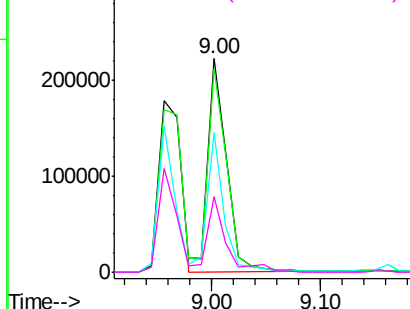
#43
 2,4,5-Trichlorophenol
 Concen: 45.00 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 270171
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.2 117.4
 97 65.1 38.8 58.2#
 132 35.1 23.5 35.3

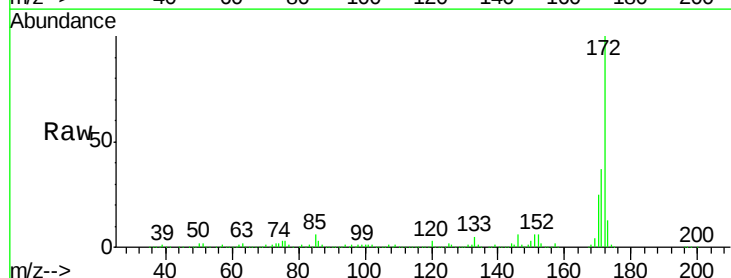


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

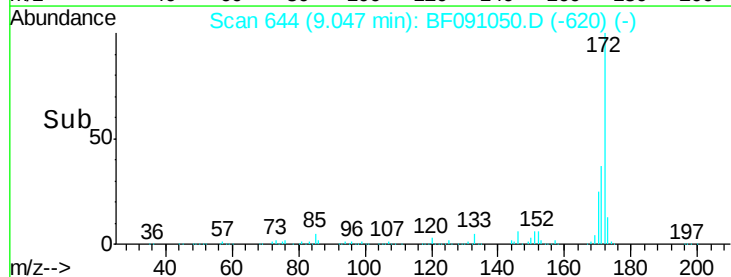
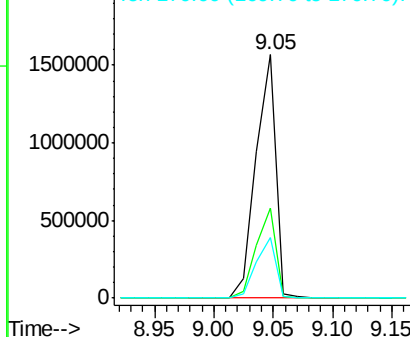


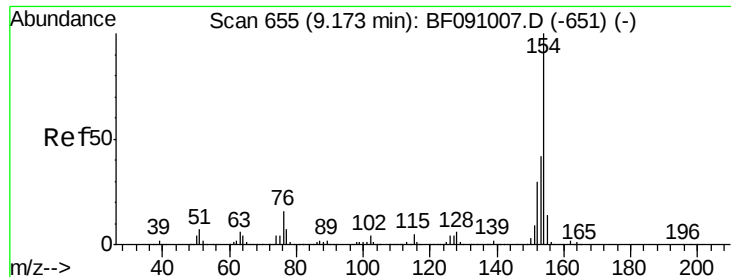
#44
 2-Fluorobiphenyl
 Concen: 91.62 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:172 Resp: 1849083
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.0 20.3 30.5



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

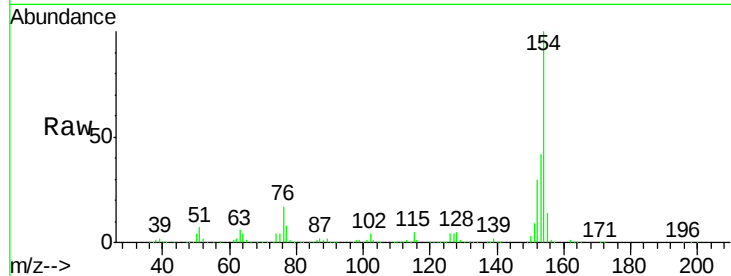




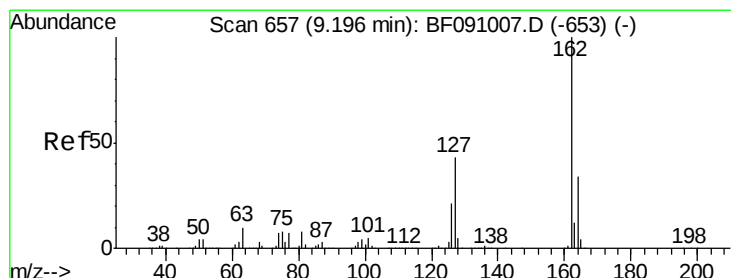
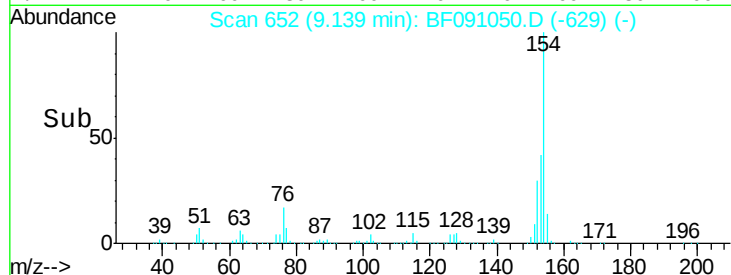
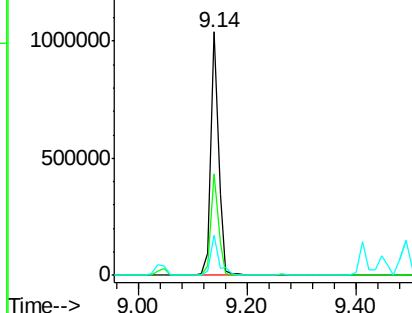
#45
 1,1'-Biphenyl
 Concen: 41.49 ng
 RT: 9.14 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1052542
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 16.7 0.0 36.2

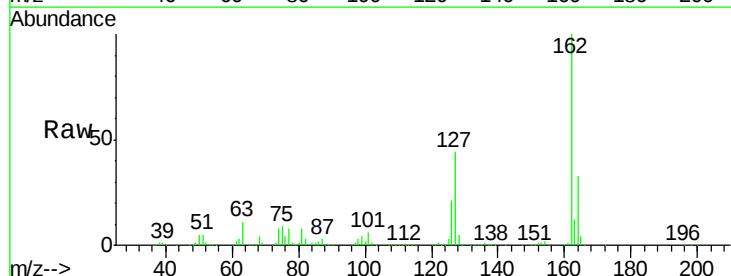


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

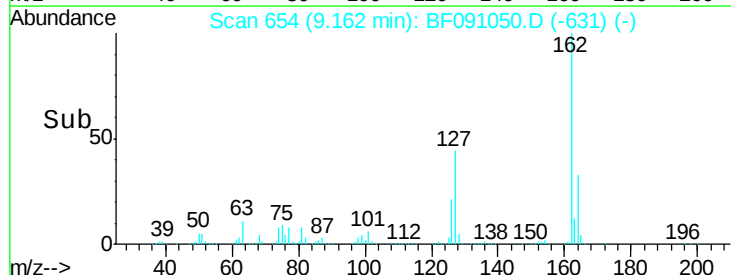
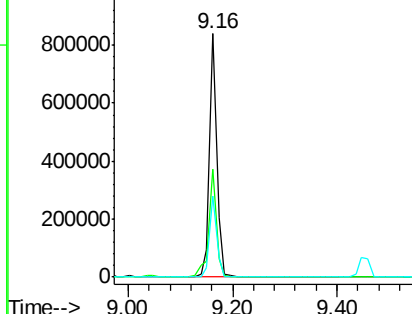


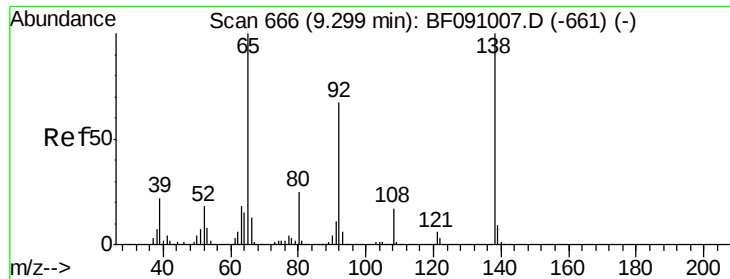
#46
 2-Chloronaphthalene
 Concen: 42.17 ng
 RT: 9.16 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:162 Resp: 812382
 Ion Ratio Lower Upper
 162 100
 127 44.3 34.7 52.1
 164 33.5 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

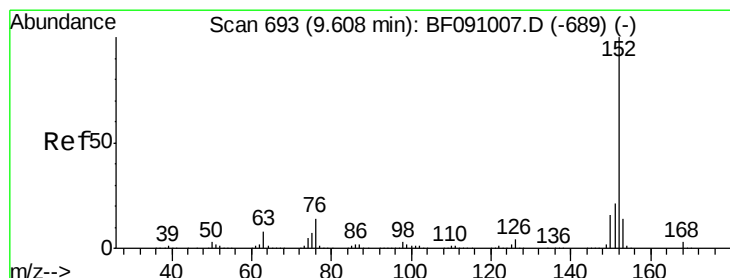
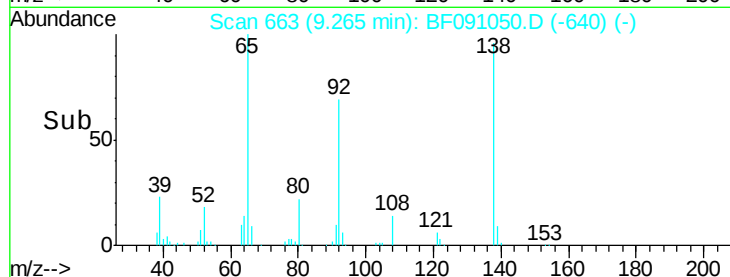
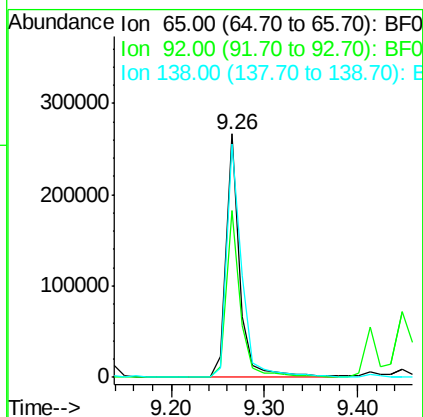
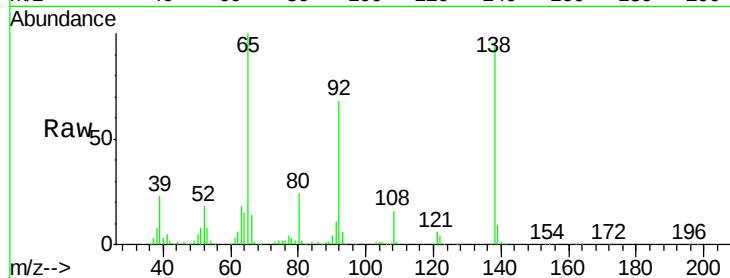




#47
2-Nitroaniline
Concen: 38.11 ng
RT: 9.26 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

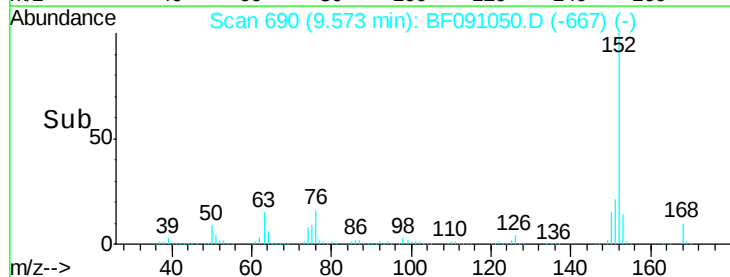
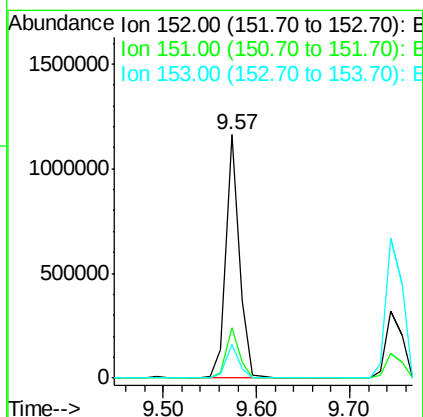
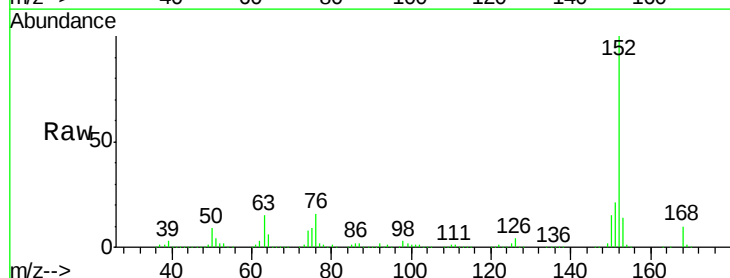
Instrument :
BNA_F
ClientSampleId :

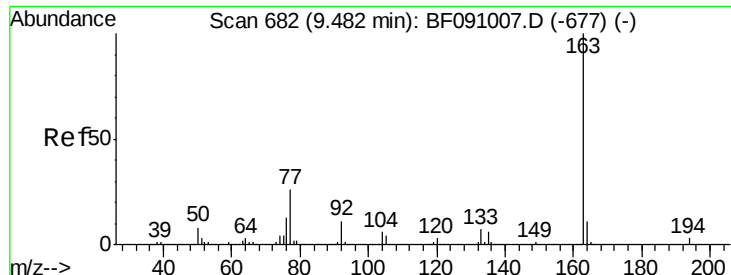
Tot Ion: 65 Resp: 272429
Ion Ratio Lower Upper
65 100
92 68.4 53.9 80.9
138 95.6 80.1 120.1



#48
Acenaphthylene
Concen: 38.90 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion: 152 Resp: 1167610
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 14.1 11.1 16.7

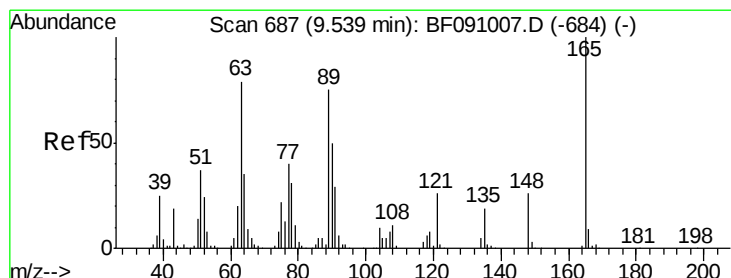
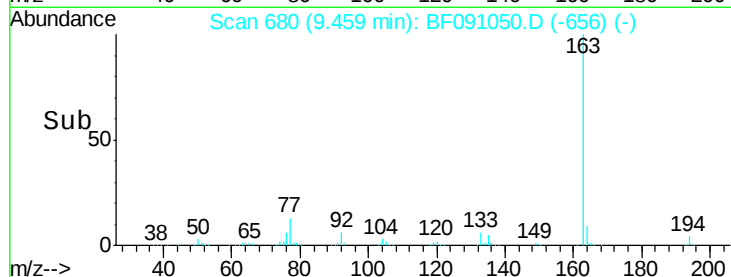
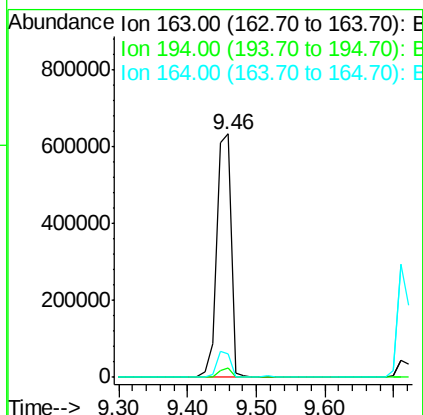
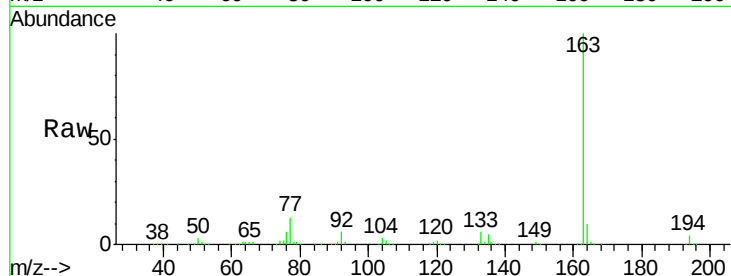




#49
Dimethylphthalate
Concen: 41.23 ng
RT: 9.46 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

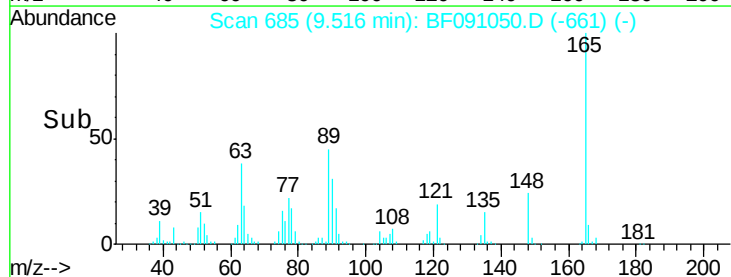
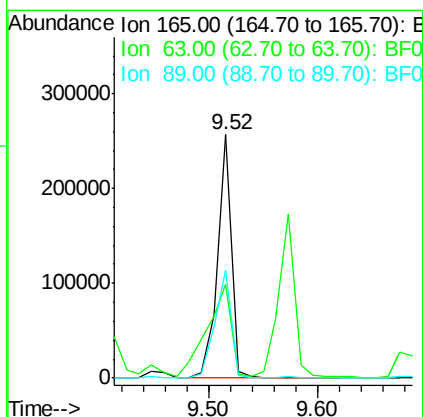
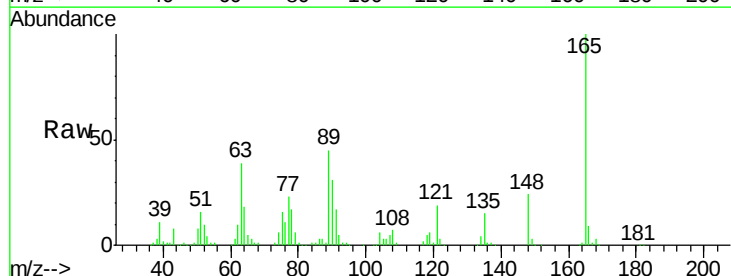
Instrument :
BNA_F
ClientSampleId :

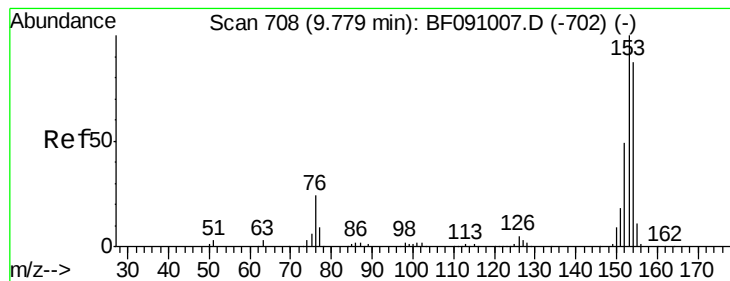
Tot Ion:163 Resp: 939342
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 48.11 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:165 Resp: 234895
Ion Ratio Lower Upper
165 100
63 38.7 65.6 98.4#
89 44.5 59.8 89.6#





#51

Acenaphthene

Concen: 37.96 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

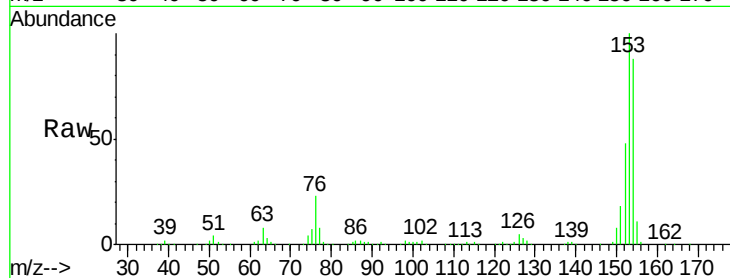
Tot Ion:154 Resp: 715411

Ion Ratio Lower Upper

154 100

153 114.2 91.6 137.4

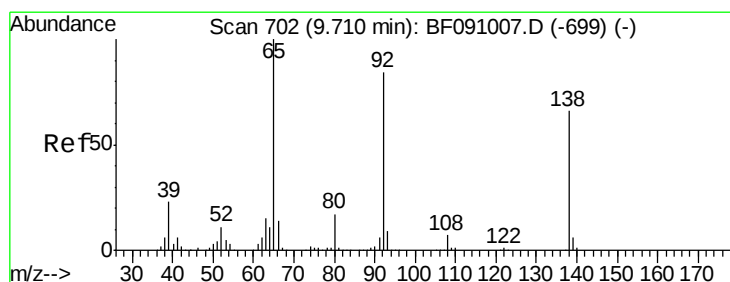
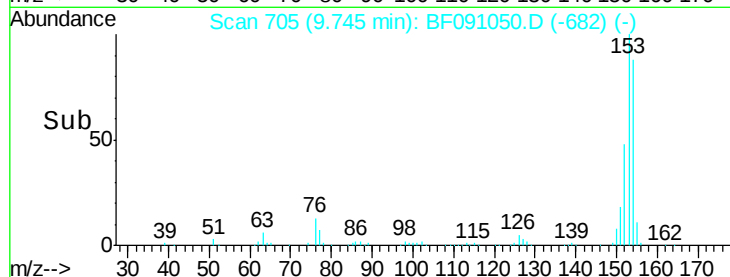
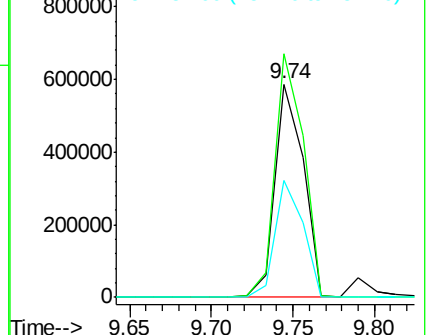
152 54.8 44.6 67.0



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: 42.57 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

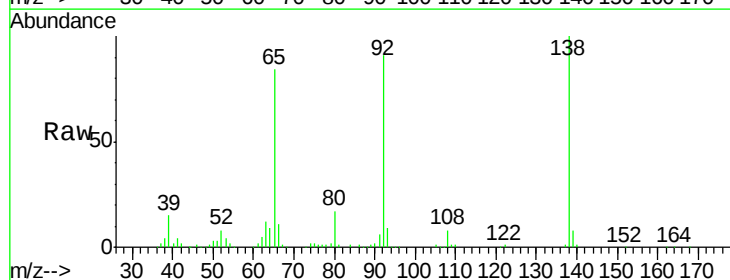
Tgt Ion:138 Resp: 246503

Ion Ratio Lower Upper

138 100

108 8.2 8.4 12.6#

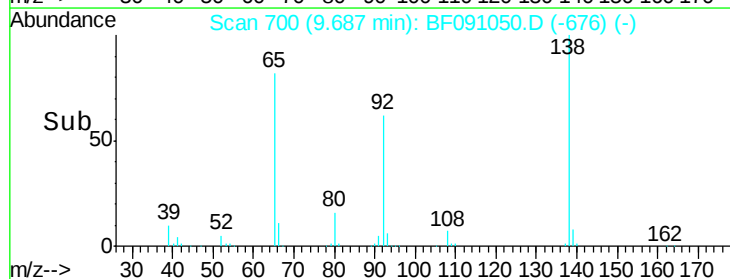
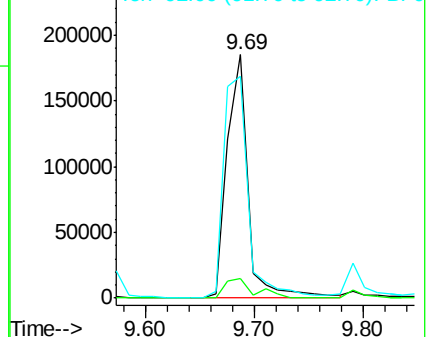
92 91.0 101.1 151.7#

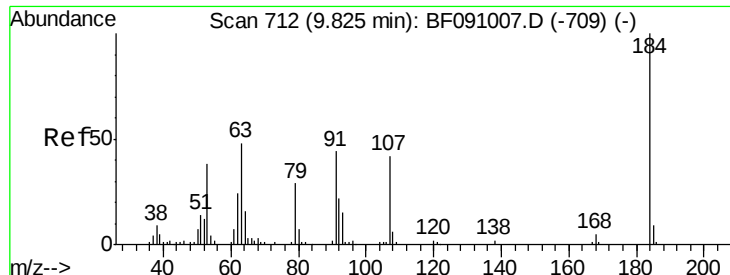


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

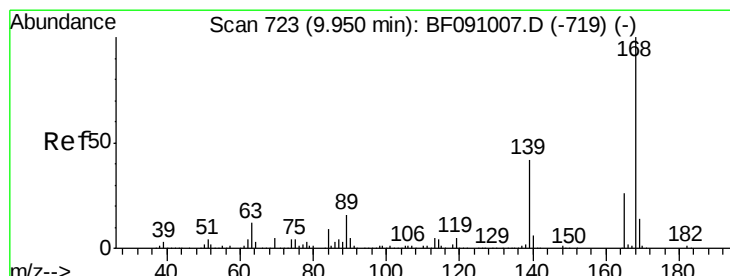
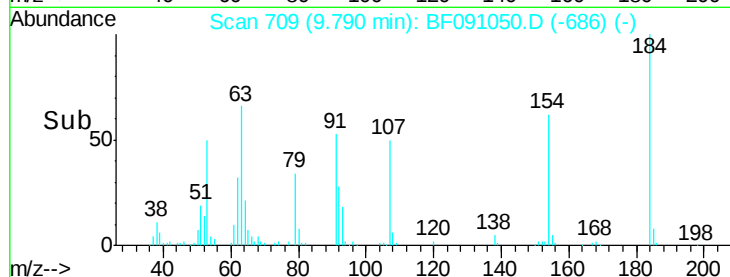
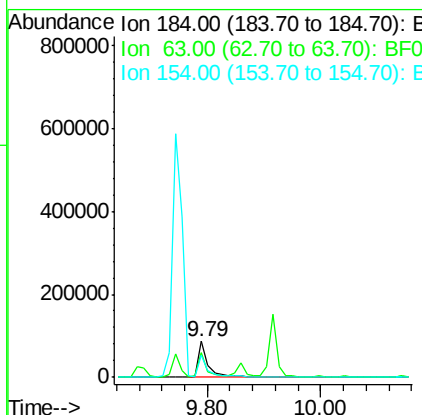
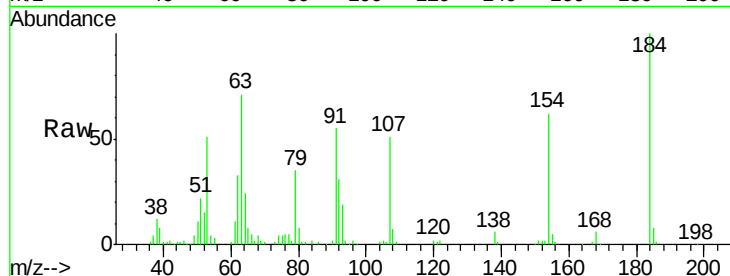




#53
 2,4-Dinitrophenol
 Concen: 44.45 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

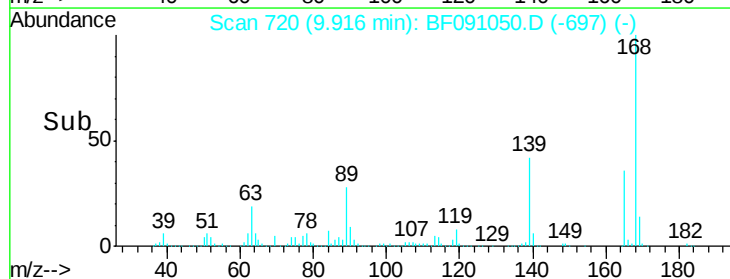
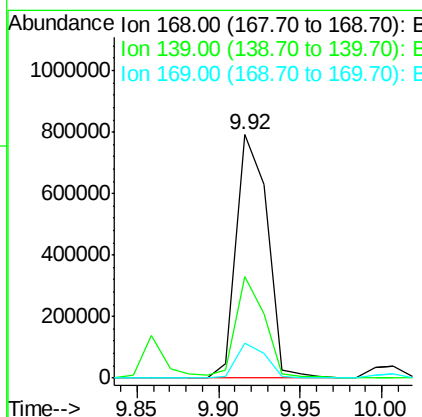
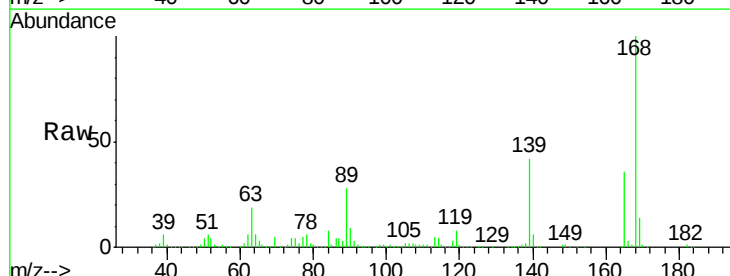
Instrument :
 BNA_F
 ClientSampled :

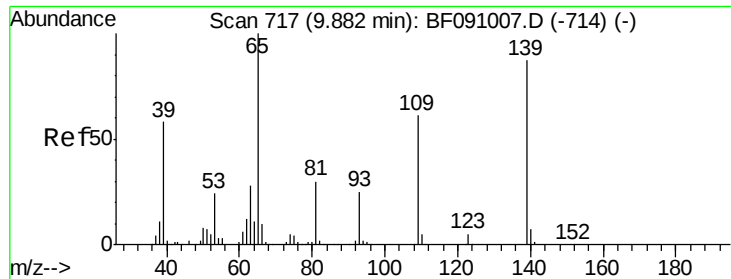
Tot Ion:184 Resp: 110196
 Ion Ratio Lower Upper
 184 100
 63 70.6 45.5 68.3#
 154 61.8 51.0 76.4



#54
 Dibenzofuran
 Concen: 40.89 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:168 Resp: 1037389
 Ion Ratio Lower Upper
 168 100
 139 41.9 34.8 52.2
 169 14.2 11.4 17.2

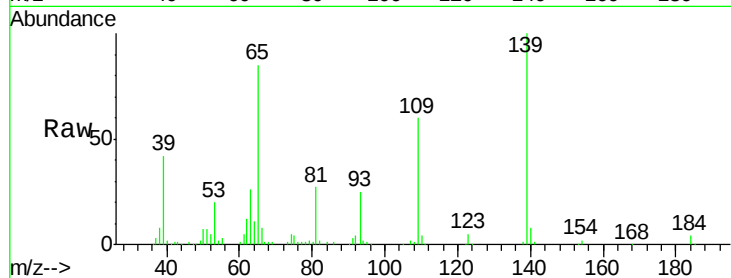




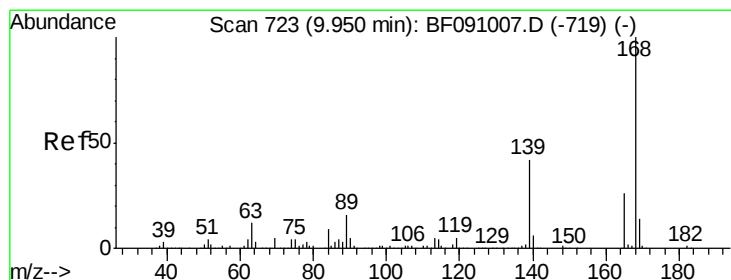
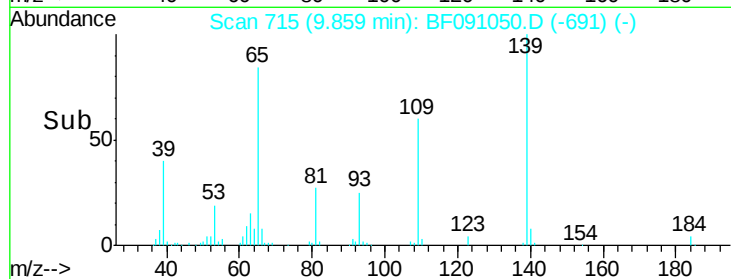
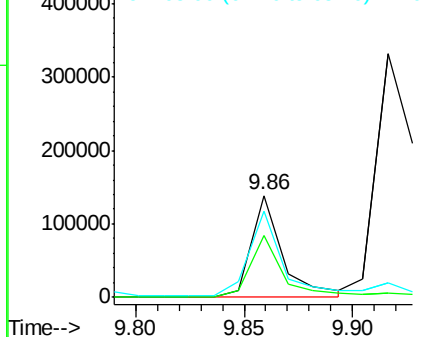
#55
4-Nitrophenol
Concen: 39.68 ng
RT: 9.86 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 141007
Ion Ratio Lower Upper
139 100
109 60.1 50.5 90.5
65 84.6 97.1 137.1#

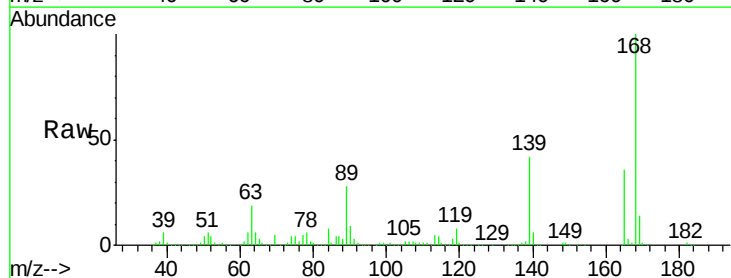


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

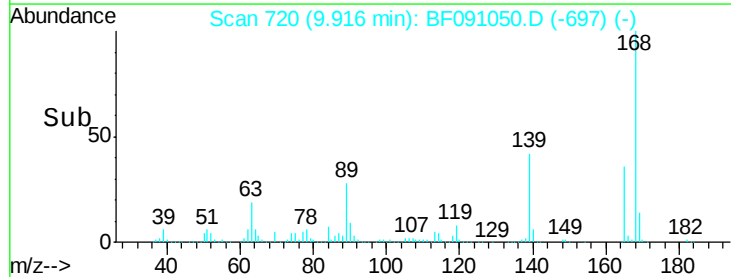
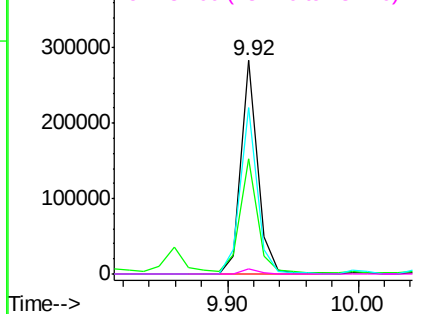


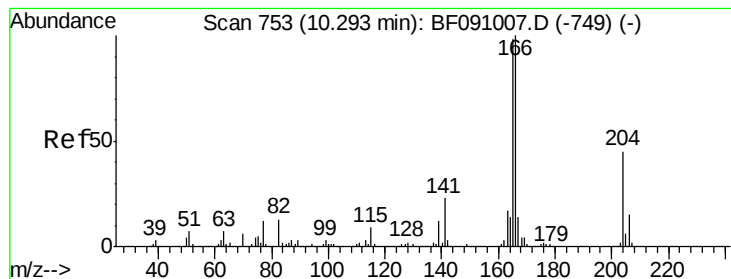
#56
2,4-Dinitrotoluene
Concen: 40.71 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:165 Resp: 252938
Ion Ratio Lower Upper
165 100
63 53.9 38.7 58.1
89 78.2 50.6 76.0#
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.74 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

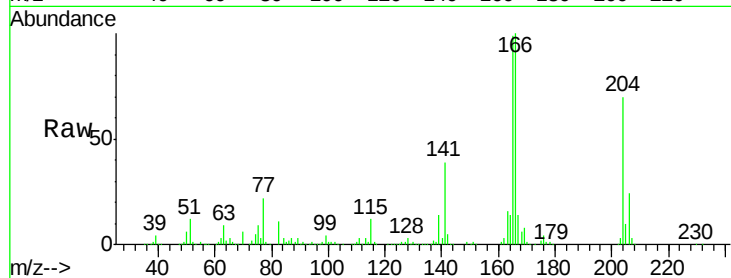
Tot Ion:166 Resp: 803309

Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

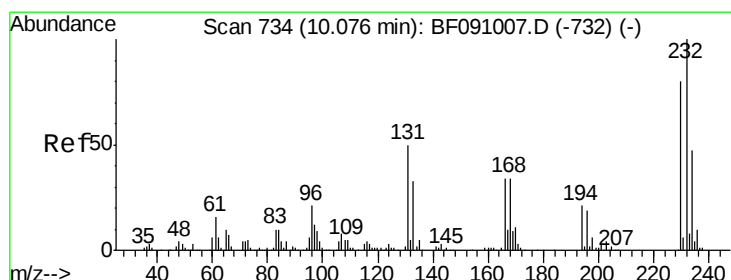
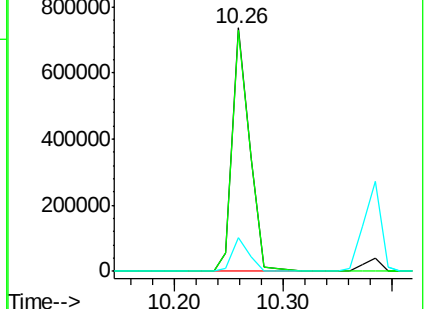
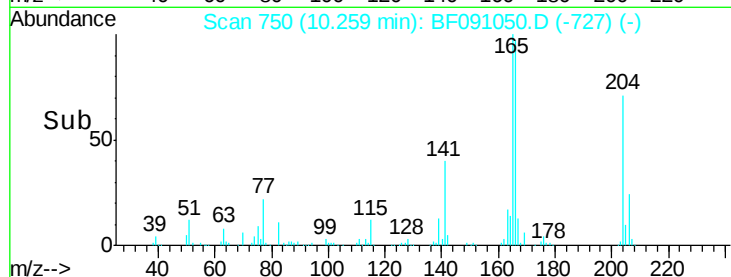
167 13.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.98 ng

RT: 10.04 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion:232 Resp: 206867

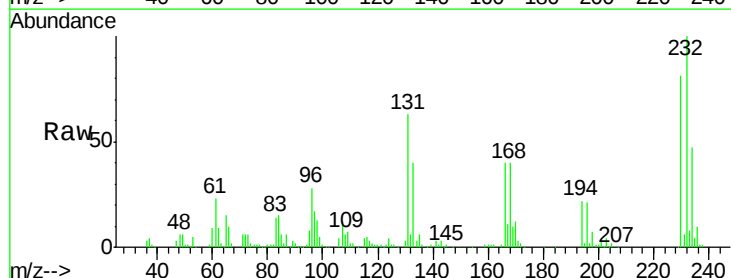
Ion Ratio Lower Upper

232 100

131 48.1 43.6 65.4

130 2.1 2.0 3.0

166 32.4 27.4 41.2

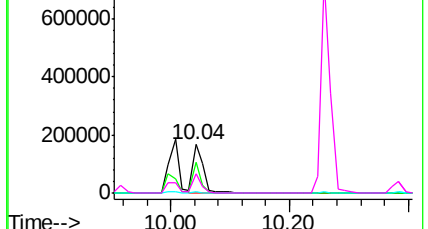
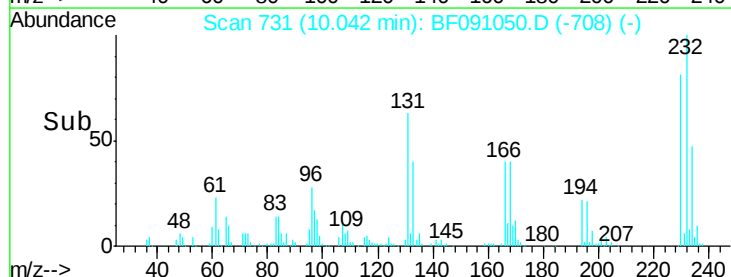


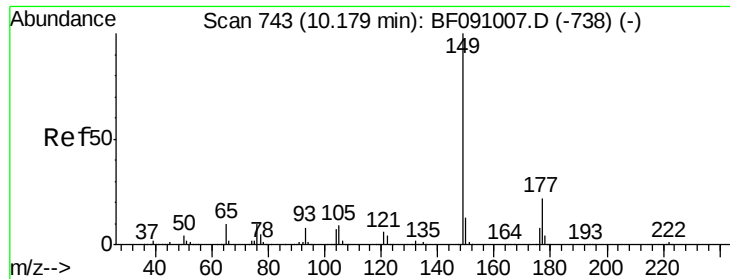
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

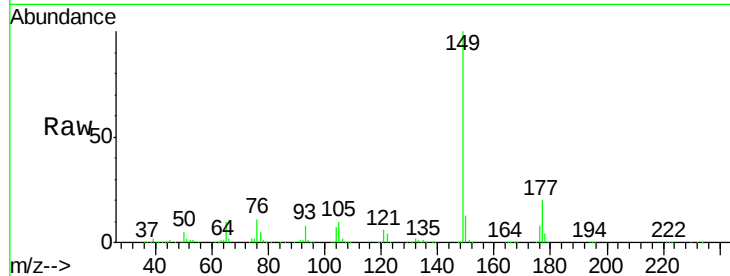




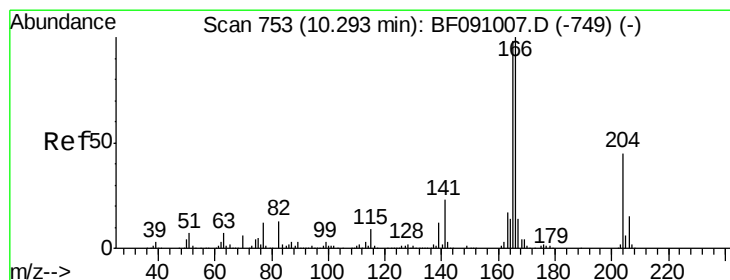
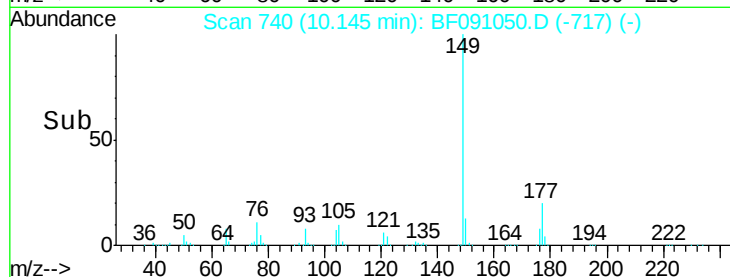
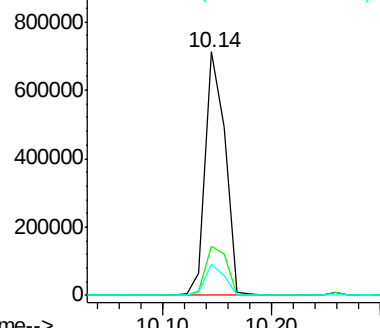
#59
Diethylphthalate
Concen: 37.89 ng
RT: 10.14 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 885172
Ion Ratio Lower Upper
149 100
177 20.0 17.3 25.9
150 12.9 10.3 15.5

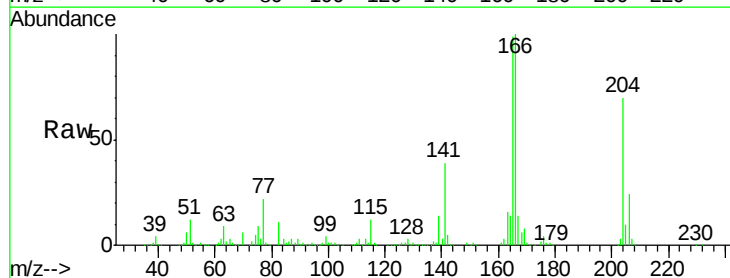


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

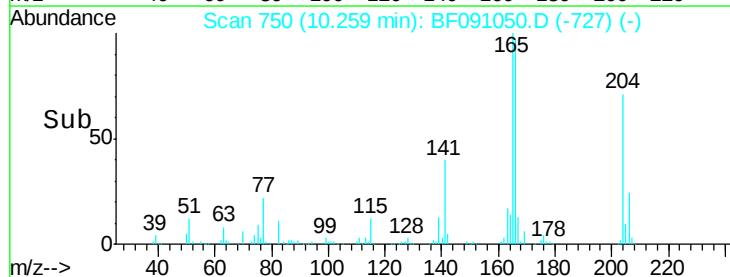
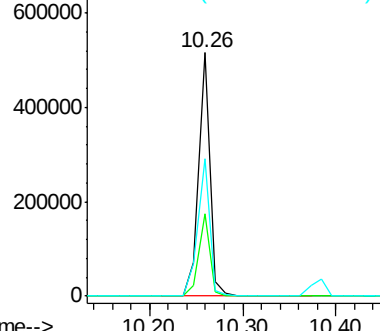


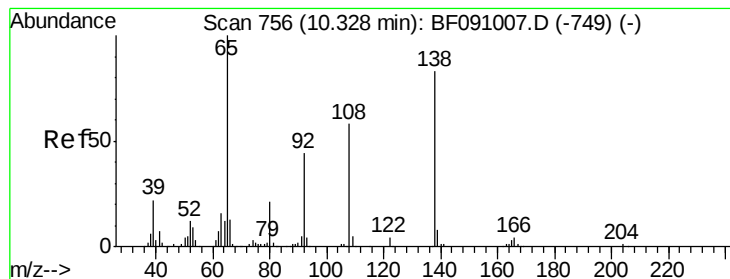
#60
4-Chlorophenyl-phenylether
Concen: 45.76 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:204 Resp: 431848
Ion Ratio Lower Upper
204 100
206 33.7 27.1 40.7
141 56.2 40.1 60.1



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: 42.56 ng

RT: 10.30 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

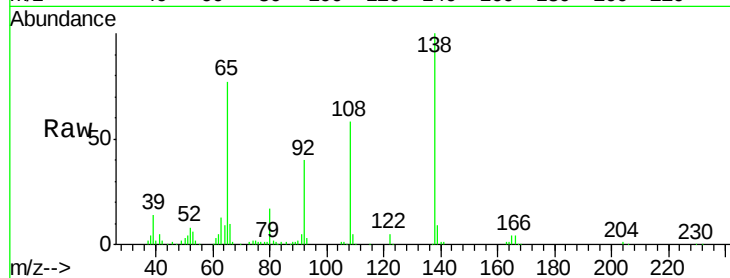
Tot Ion:138 Resp: 249273

Ion Ratio Lower Upper

138 100

92 40.1 32.5 72.5

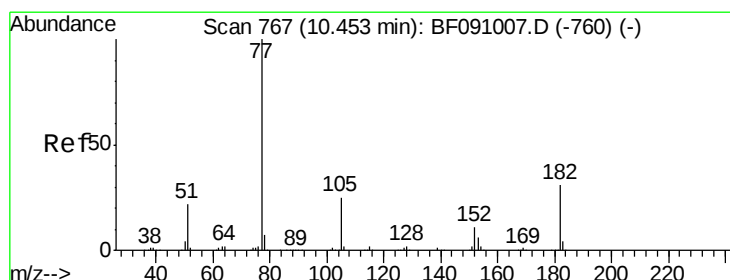
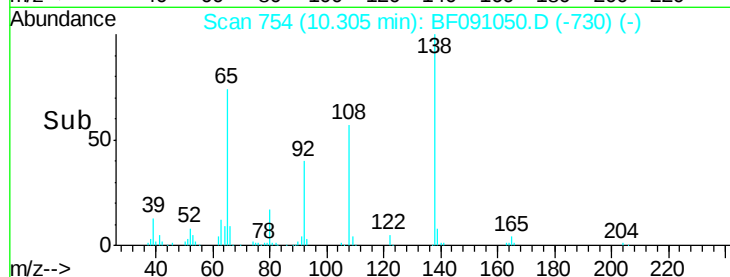
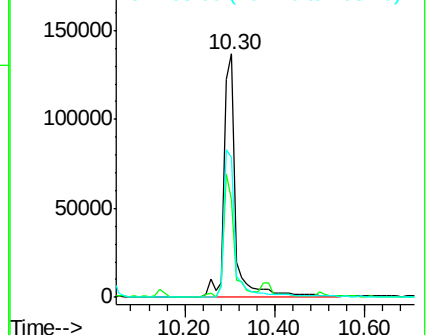
108 57.6 49.4 89.4



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: 34.73 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Tgt Ion: 77 Resp: 954994

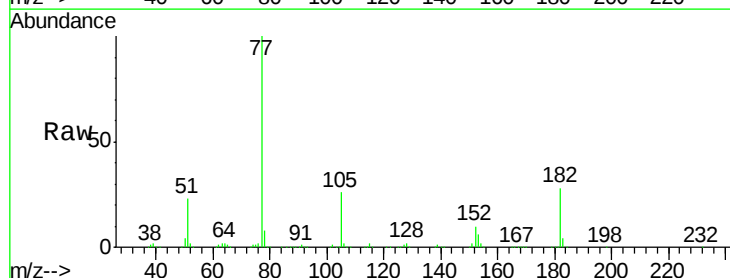
Ion Ratio Lower Upper

77 100

182 27.9 11.0 51.0

105 25.6 5.6 45.6

51 22.7 2.7 42.7

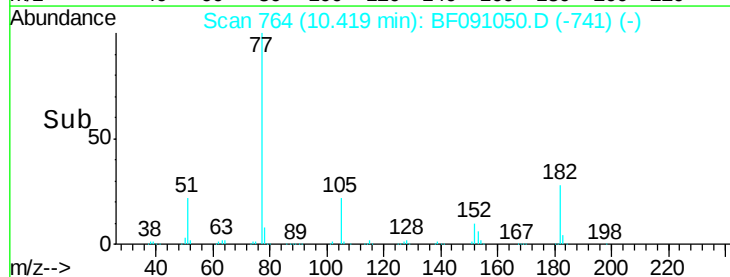
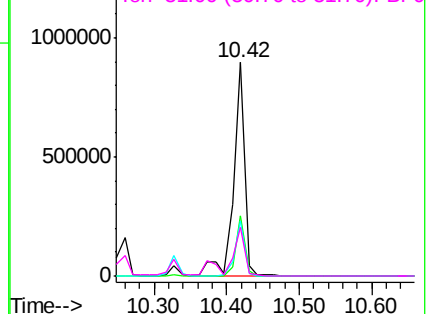


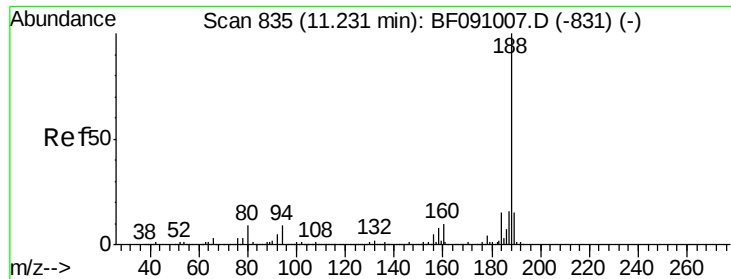
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

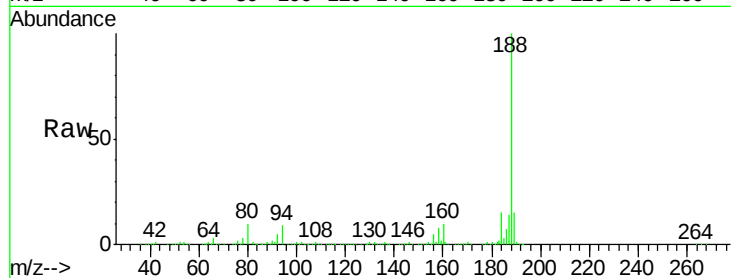




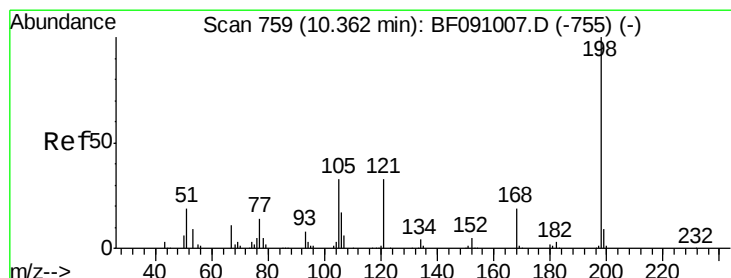
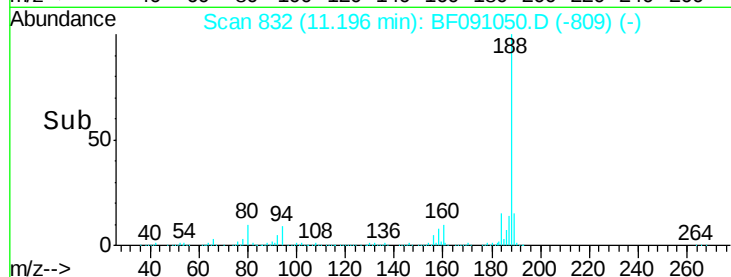
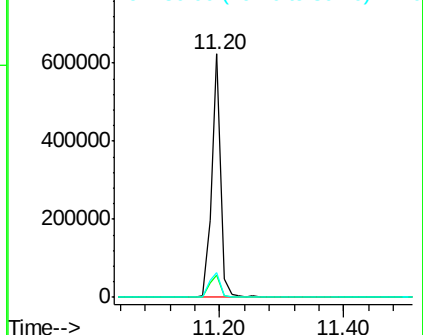
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 612090
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.2 7.5 11.3

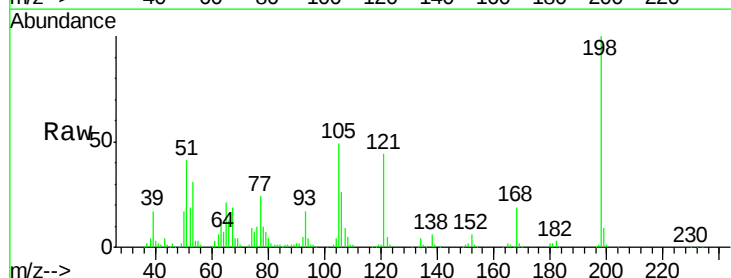


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

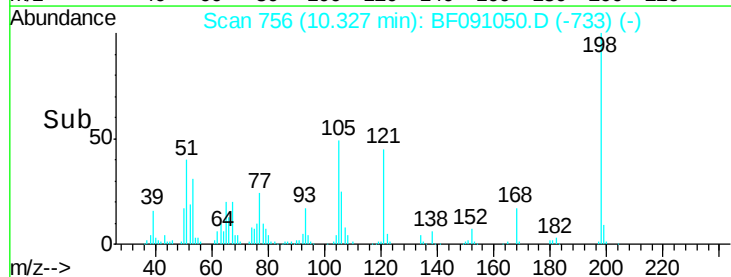
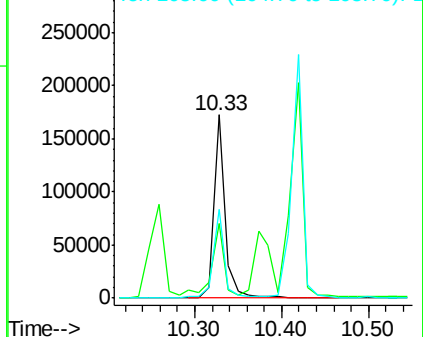


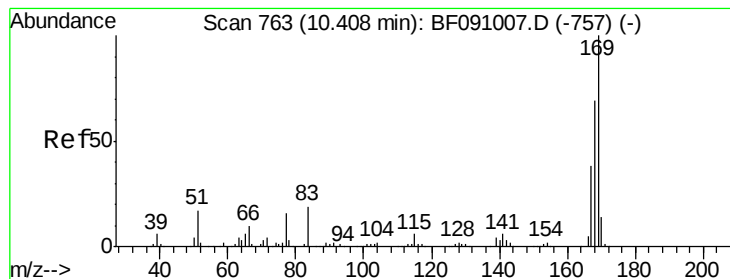
#64
4,6-Dinitro-2-methylphenol
Concen: 41.94 ng
RT: 10.33 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:198 Resp: 157185
Ion Ratio Lower Upper
198 100
51 40.5 5.9 45.9
105 48.8 13.8 53.8



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: 40.65 ng

RT: 10.38 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

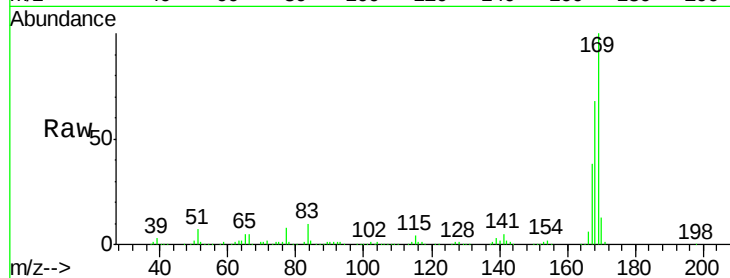
Tot Ion:169 Resp: 790942

Ion Ratio Lower Upper

169 100

168 68.2 55.3 82.9

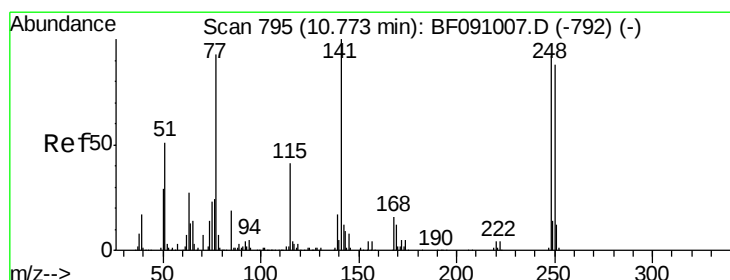
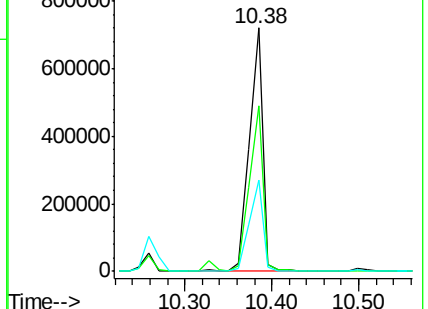
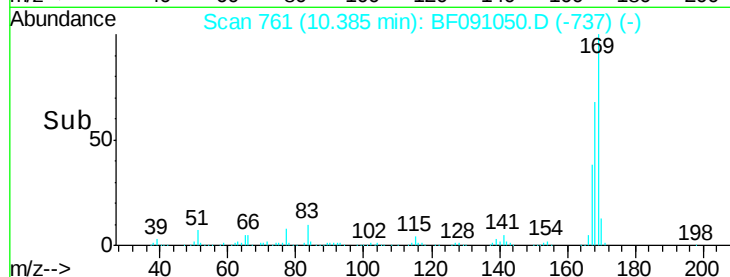
167 37.6 30.3 45.5



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: 39.86 ng

RT: 10.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

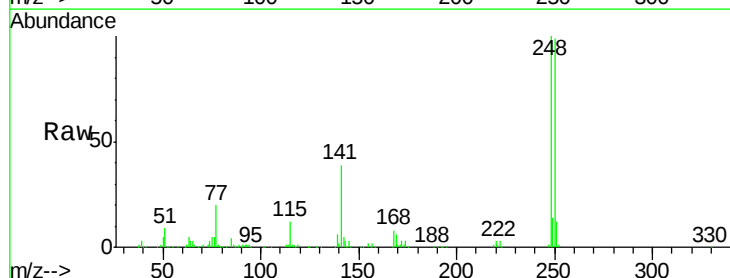
Tgt Ion:248 Resp: 253773

Ion Ratio Lower Upper

248 100

250 98.6 76.3 114.5

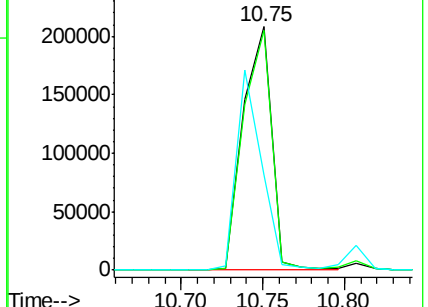
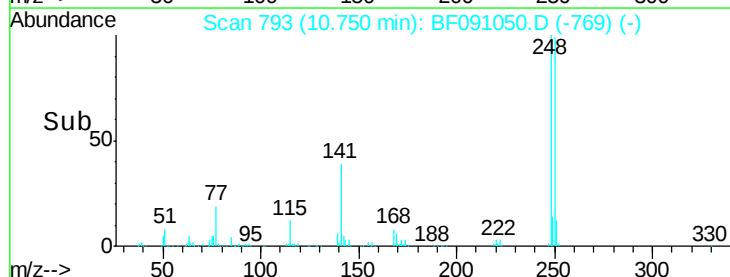
141 39.3 86.8 130.2#

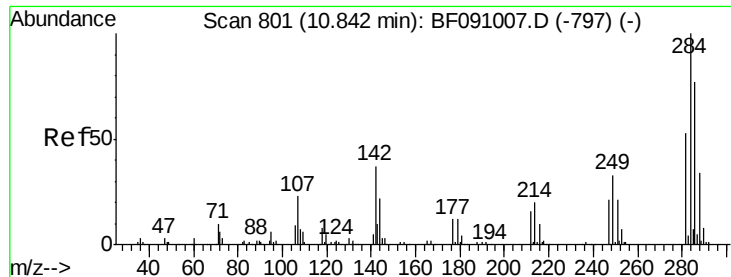


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

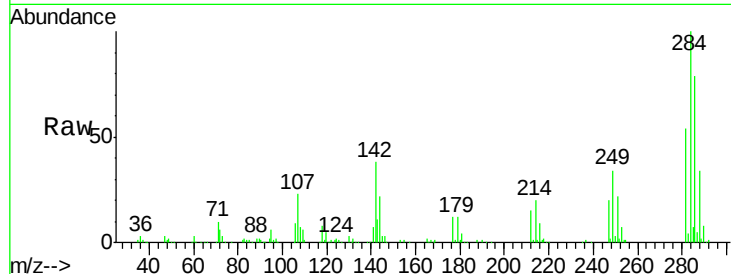




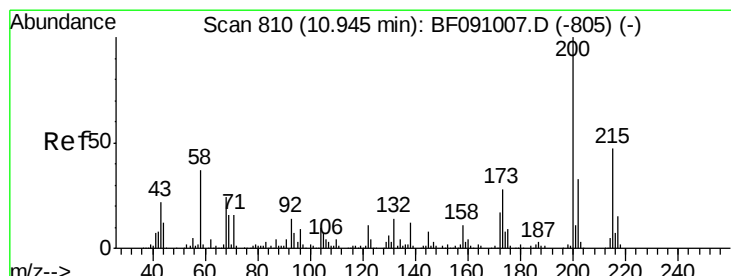
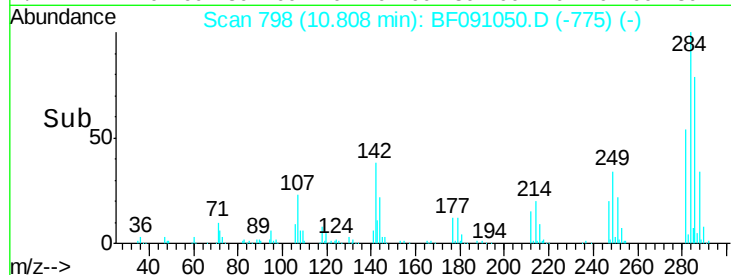
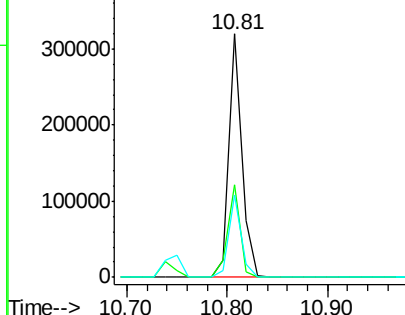
#67
Hexachlorobenzene
Concen: 41.14 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.1	29.9	44.9
249	33.6	26.6	39.8

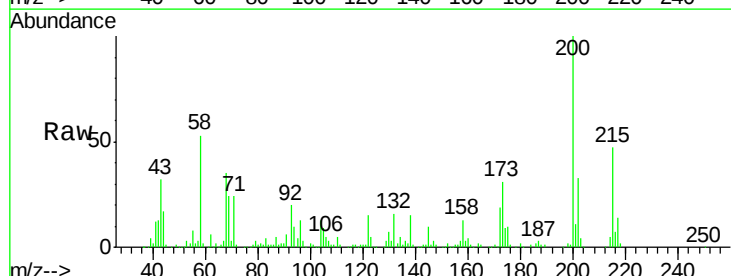


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

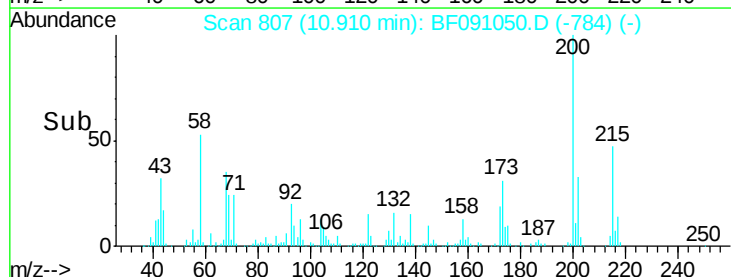
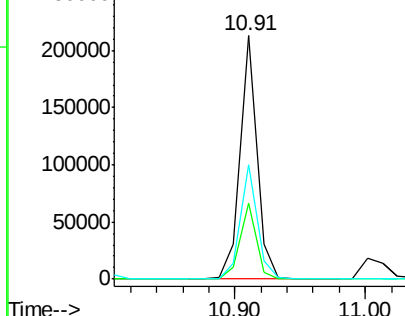


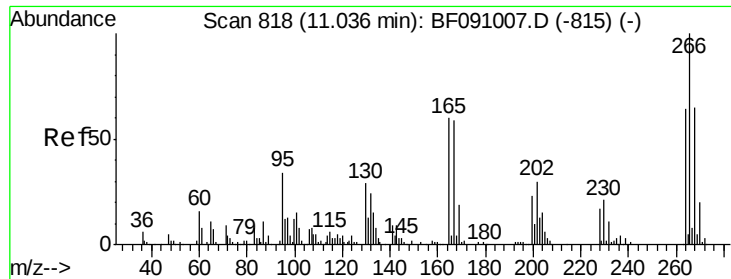
#68
Atrazine
Concen: 34.24 ng
RT: 10.91 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.2	8.1	48.1
215	46.8	27.3	67.3



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

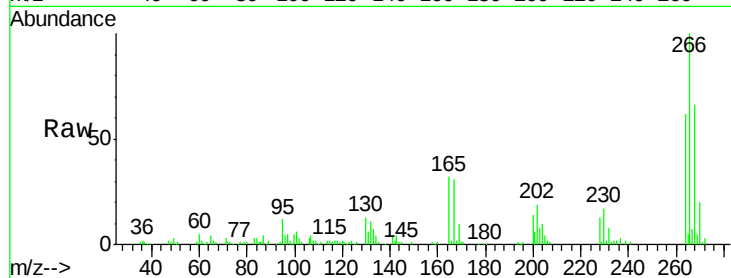




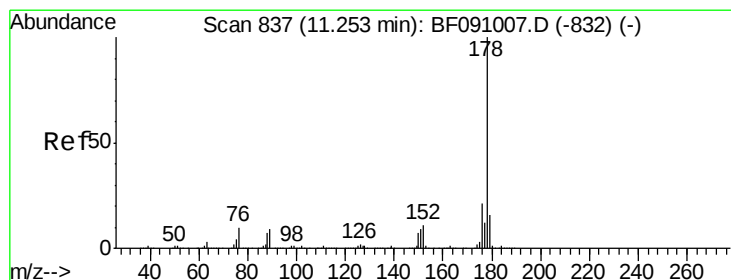
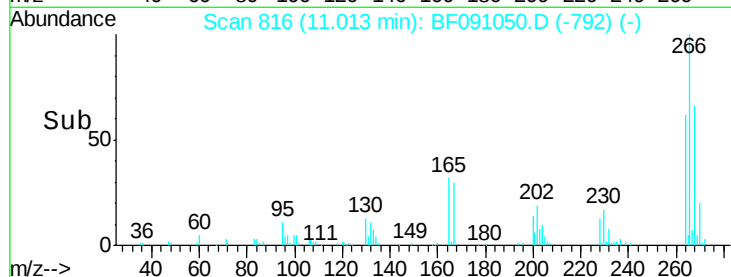
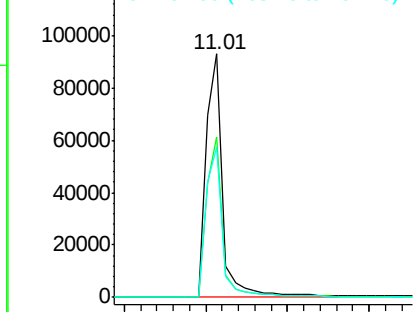
#69
 Pentachlorophenol
 Concen: 43.29 ng
 RT: 11.01 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 134646
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.1 78.1
 264 61.5 51.1 76.7

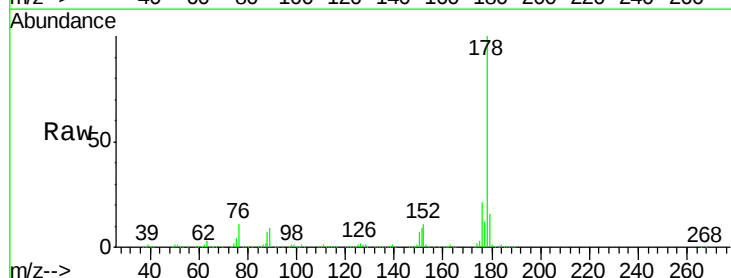


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

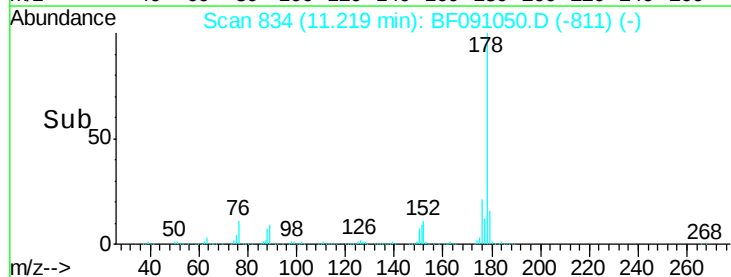
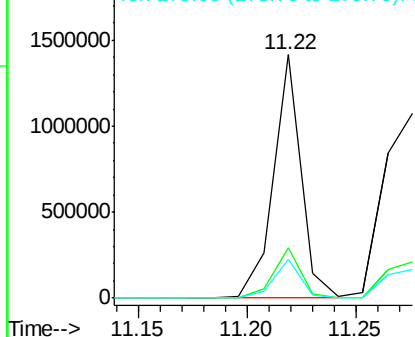


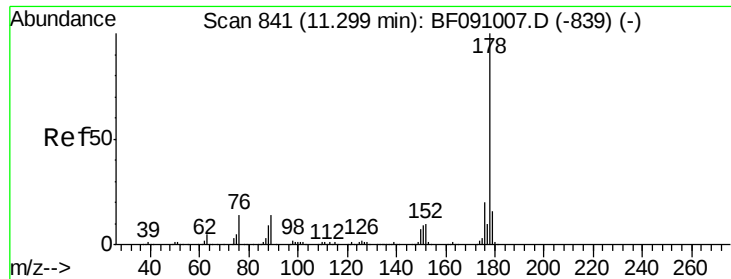
#70
 Phenanthrene
 Concen: 38.98 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:178 Resp: 1268467
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 25.0
 179 16.2 12.9 19.3



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

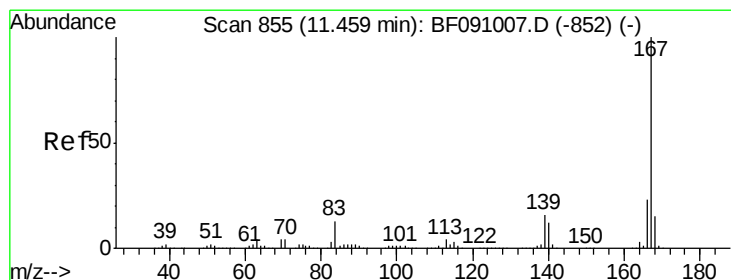
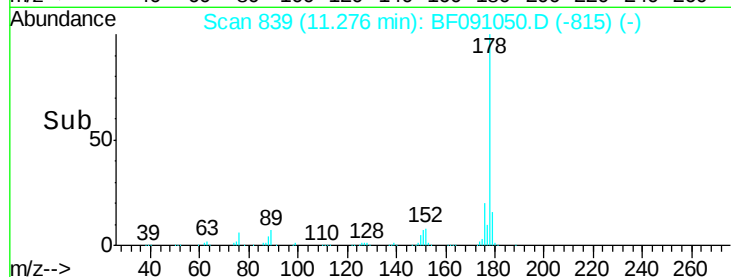
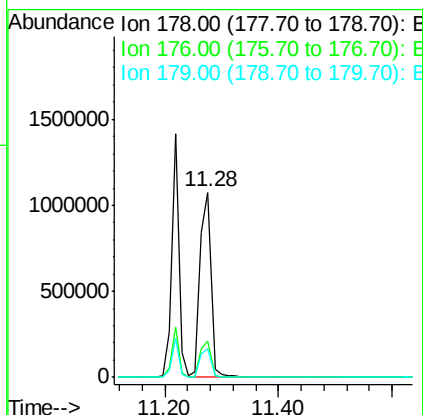
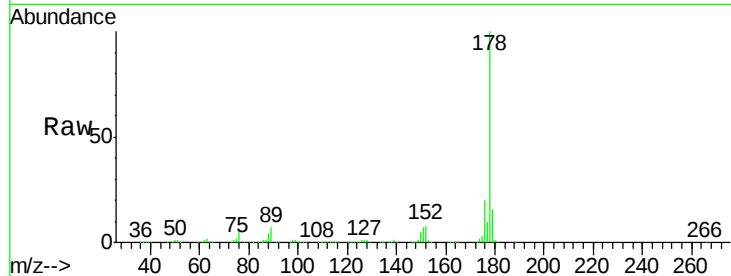




#71
 Anthracene
 Concen: 40.63 ng
 RT: 11.28 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

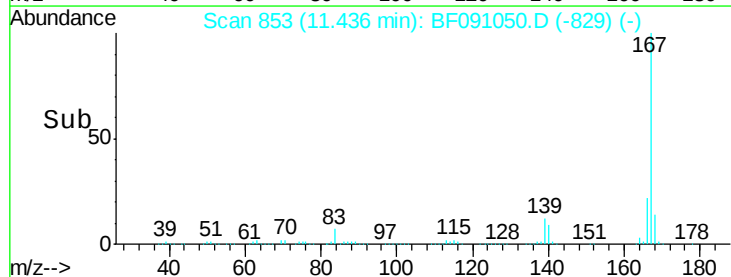
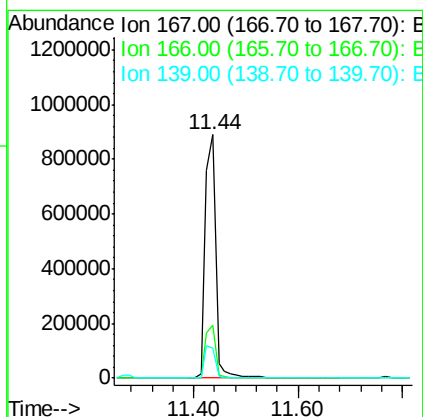
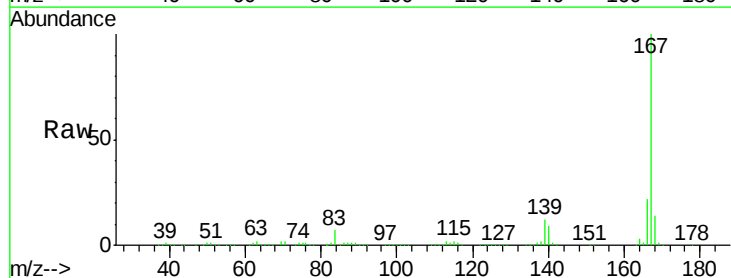
Instrument :
 BNA_F
 ClientSampleId :

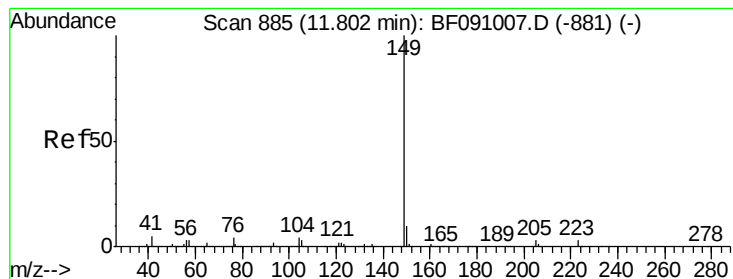
Tot Ion:178 Resp: 1405404
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.7 13.0 19.6



#72
 Carbazole
 Concen: 40.07 ng
 RT: 11.44 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:167 Resp: 1249023
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.2 12.6 18.8#





#73

Di-n-butylphthalate

Concen: 36.84 ng

RT: 11.77 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

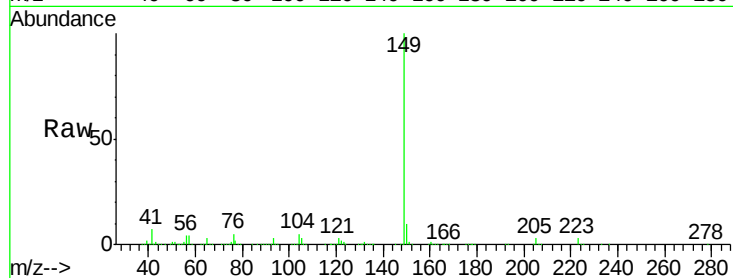
Tot Ion:149 Resp: 1444391

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

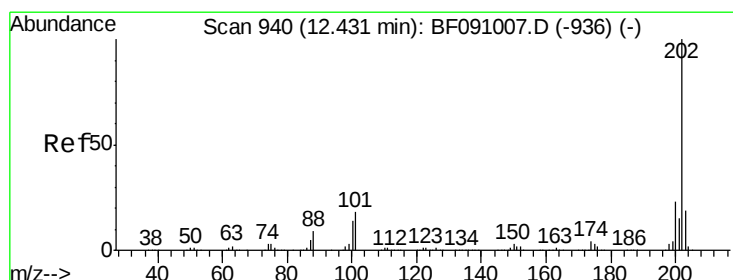
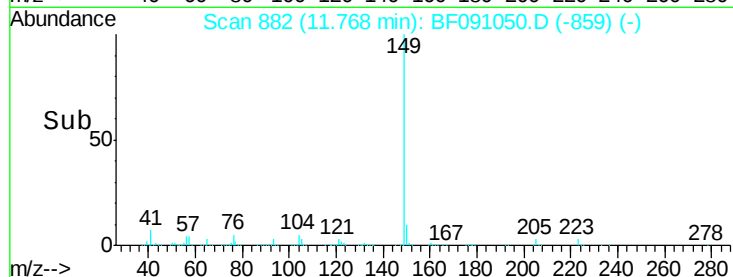
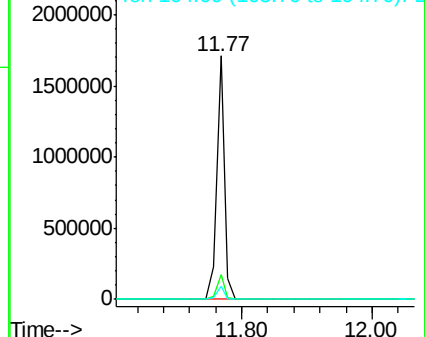
104 5.4 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.65 ng

RT: 12.41 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

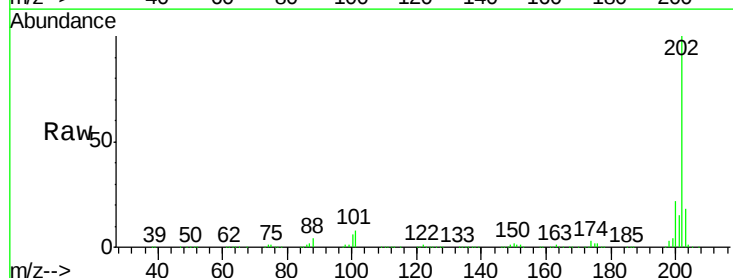
Tgt Ion:202 Resp: 1405412

Ion Ratio Lower Upper

202 100

101 8.1 0.0 37.6

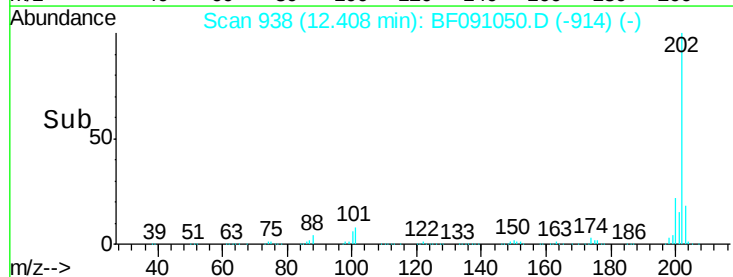
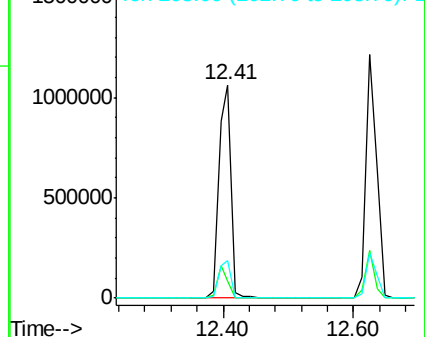
203 17.6 0.0 38.6

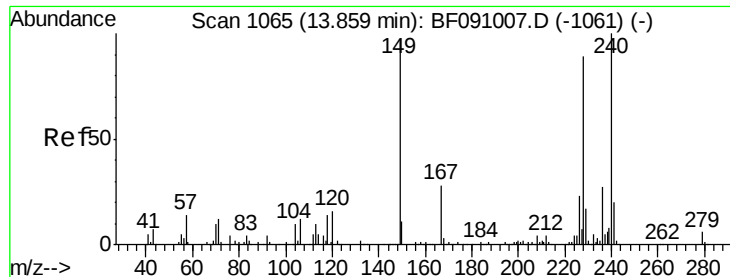


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

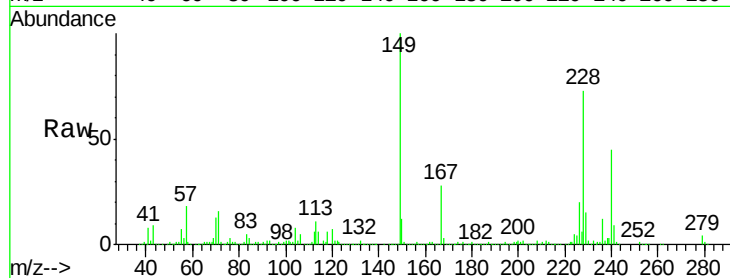
Tot Ion:240 Resp: 509098

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

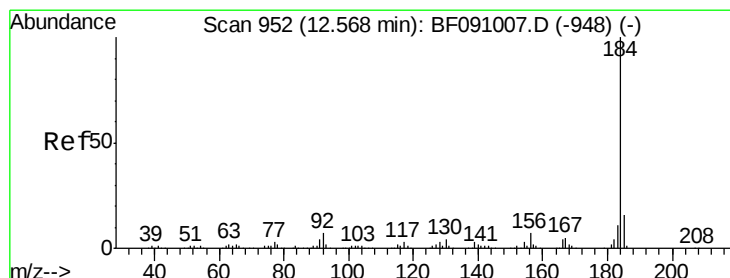
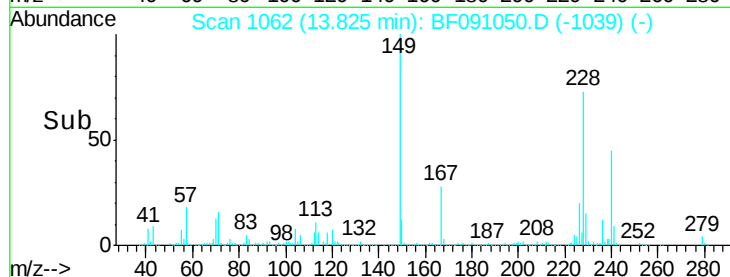
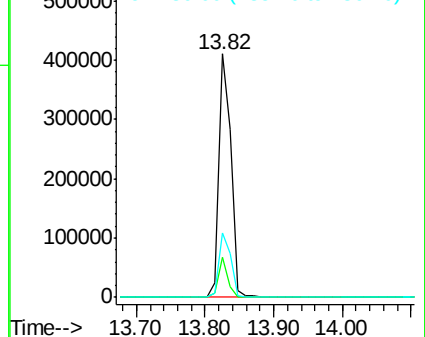
236 26.3 21.9 32.9



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: 48.75 ng

RT: 12.53 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

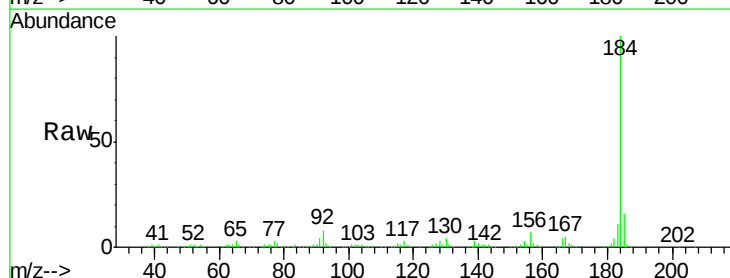
Tgt Ion:184 Resp: 554421

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.4

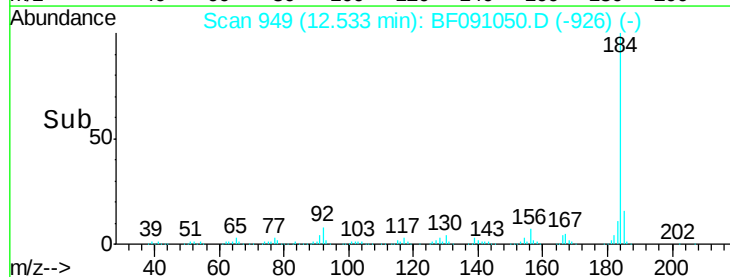
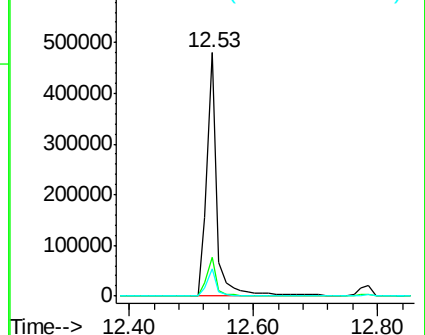
183 11.4 8.7 13.1

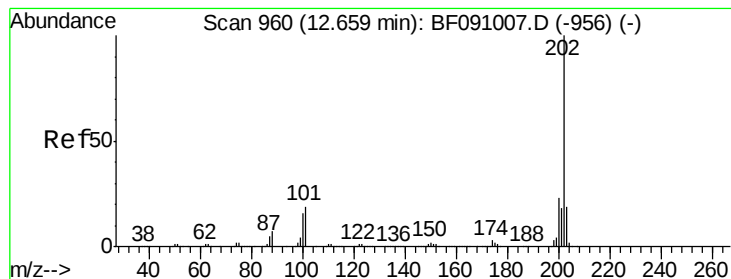


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.85 ng

RT: 12.62 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

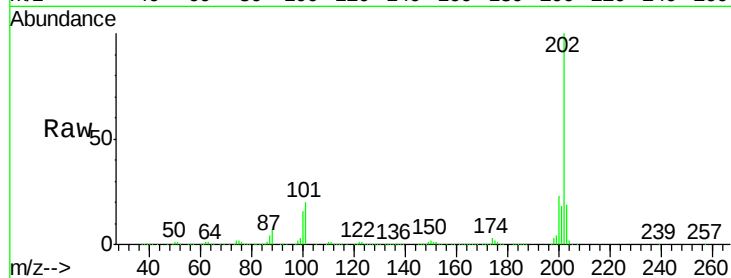
Tot Ion:202 Resp: 1361812

Ion Ratio Lower Upper

202 100

200 22.5 18.4 27.6

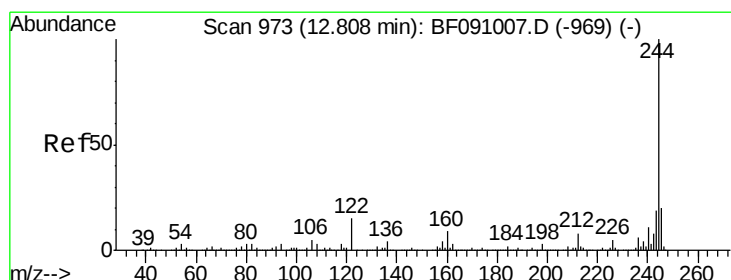
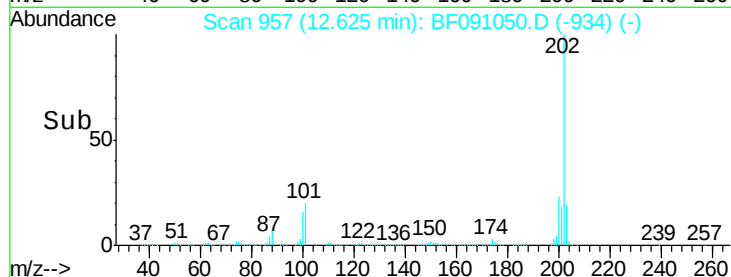
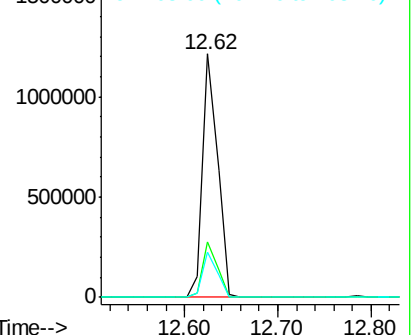
203 18.6 15.0 22.6



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: 91.83 ng

RT: 12.78 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

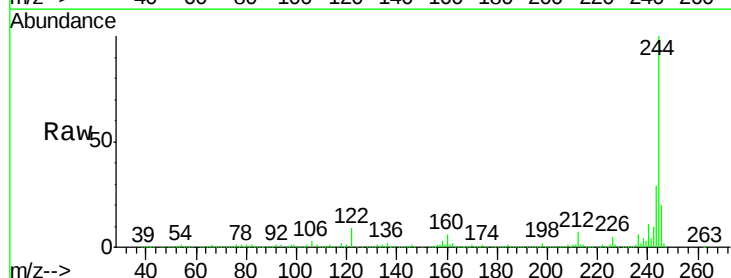
Tgt Ion:244 Resp: 1873527

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

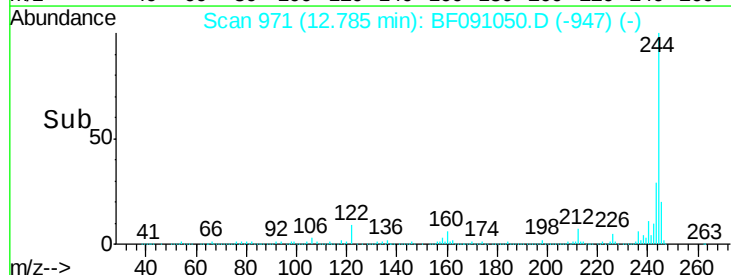
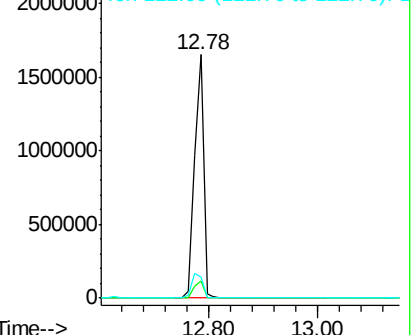
122 8.6 12.3 18.5#

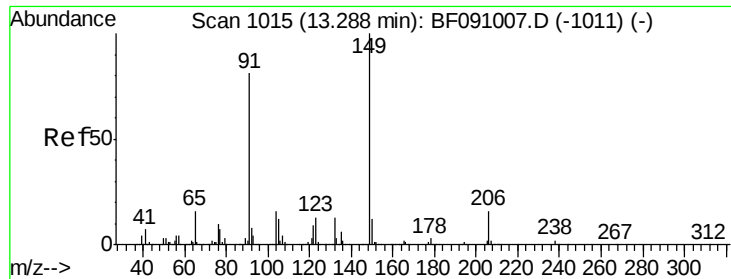


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

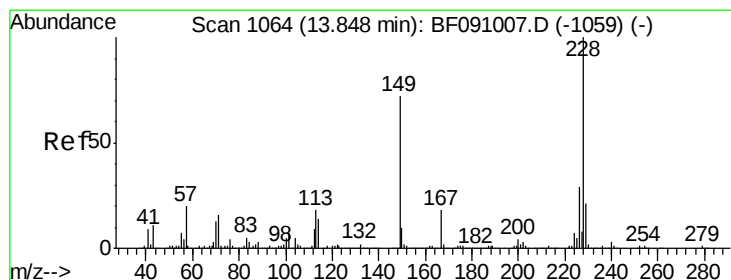
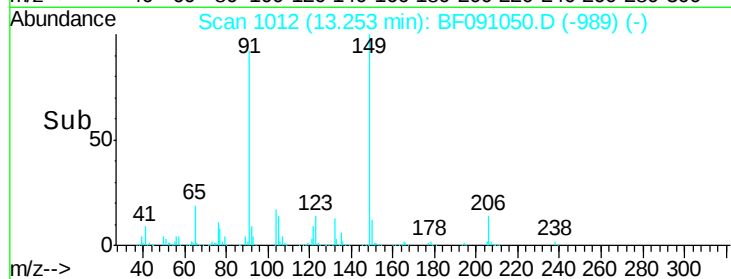
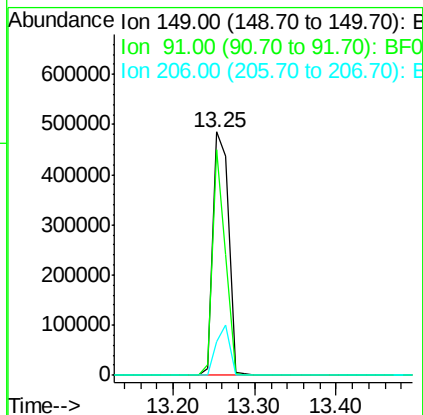
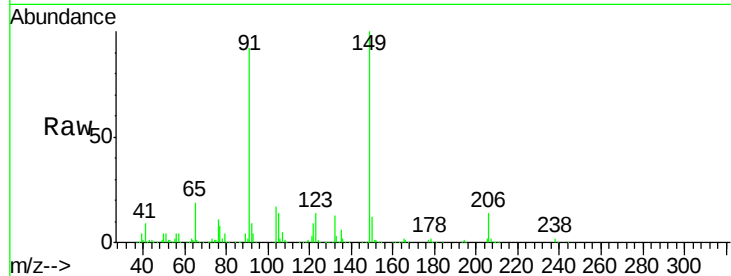




#79
Butylbenzylphthalate
Concen: 40.99 ng
RT: 13.25 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

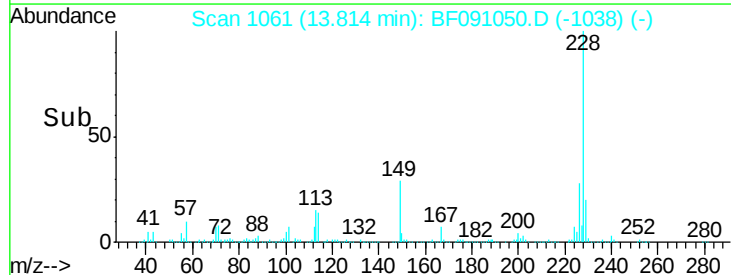
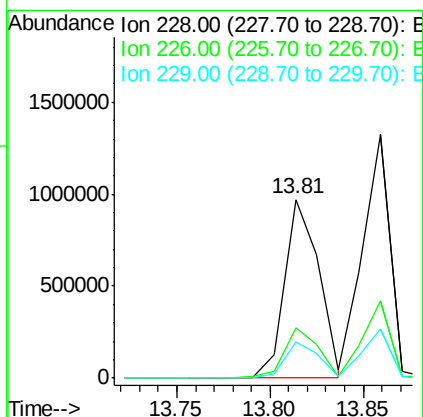
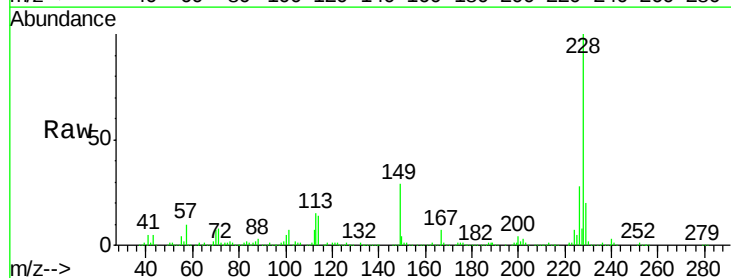
Instrument :
BNA_F
ClientSampleId :

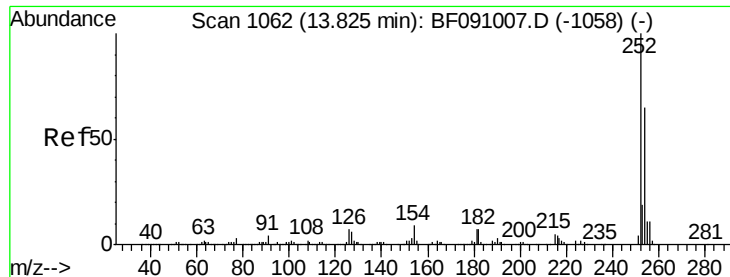
Tot Ion:149 Resp: 653728
Ion Ratio Lower Upper
149 100
91 92.5 65.0 97.4
206 13.9 12.5 18.7



#80
Benzo(a)anthracene
Concen: 43.00 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:228 Resp: 1242948
Ion Ratio Lower Upper
228 100
226 28.4 23.0 34.6
229 20.5 16.6 24.8





#81

3,3'-Dichlorobenzidine

Concen: 47.83 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :

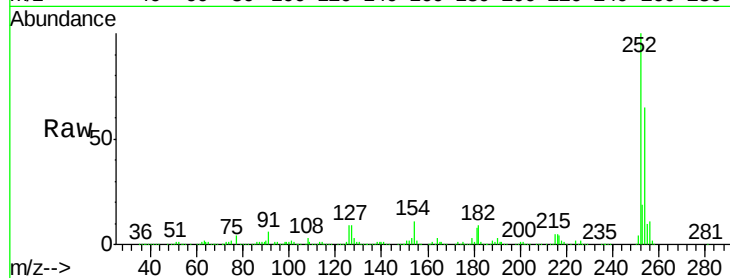
Tot Ion:252 Resp: 485750

Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

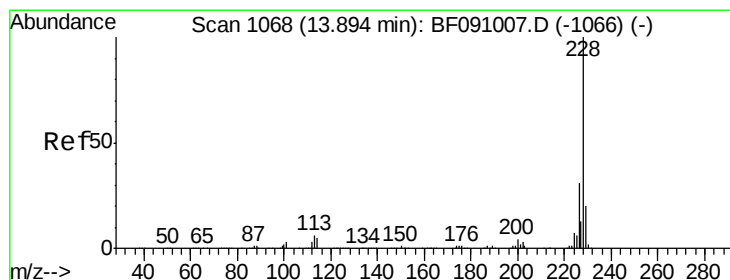
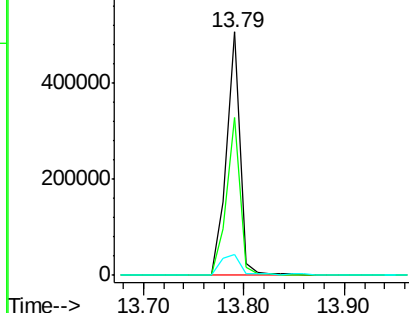
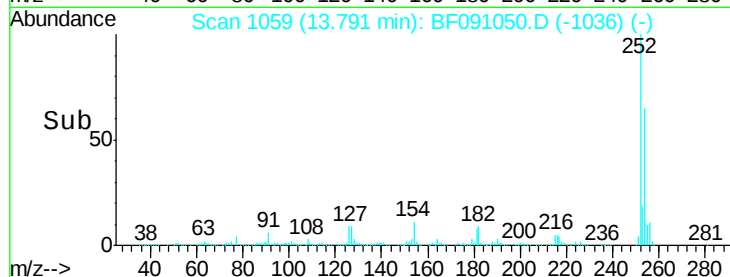
126 8.7 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.55 ng

RT: 13.86 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

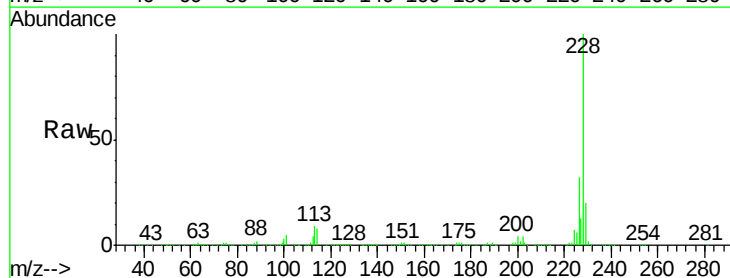
Tgt Ion:228 Resp: 1355296

Ion Ratio Lower Upper

228 100

226 31.9 24.9 37.3

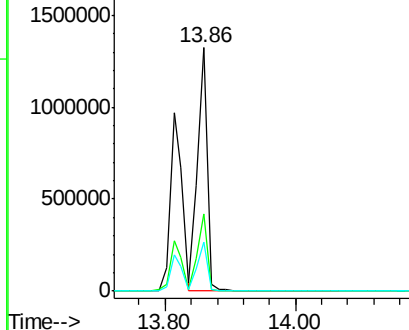
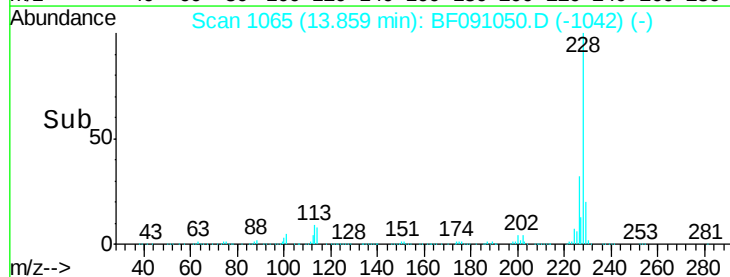
229 20.4 15.9 23.9



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

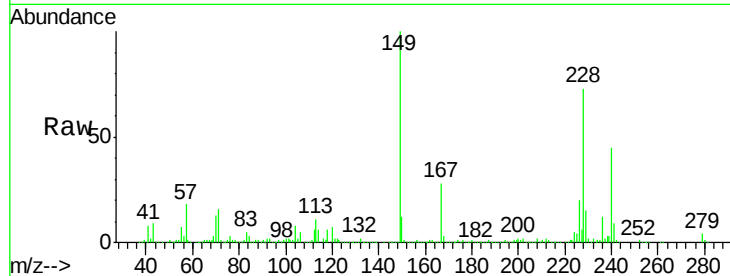




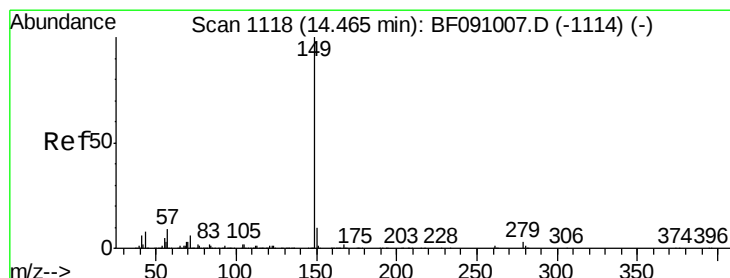
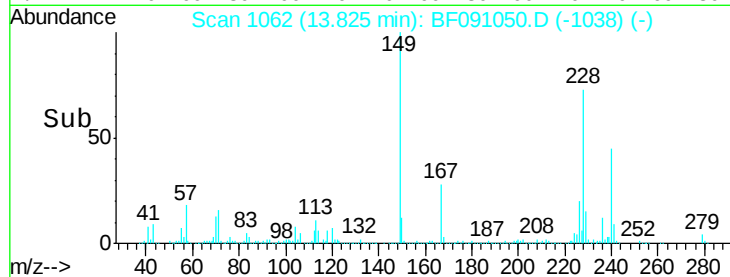
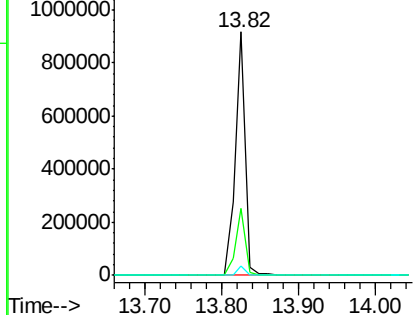
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.48 ng
 RT: 13.82 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 852033
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.4 30.6
 279 4.0 1.6 2.4#

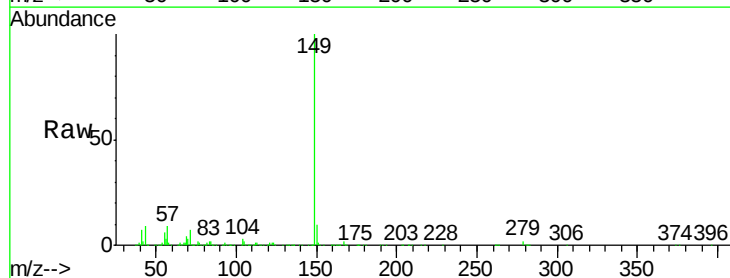


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

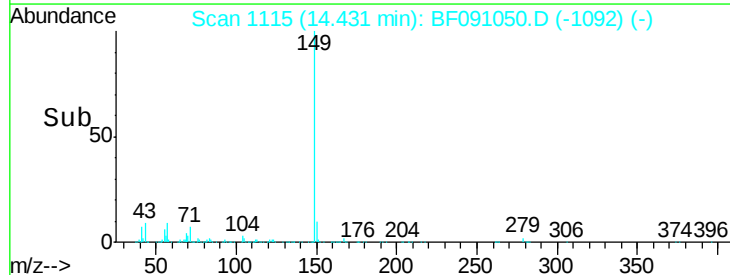
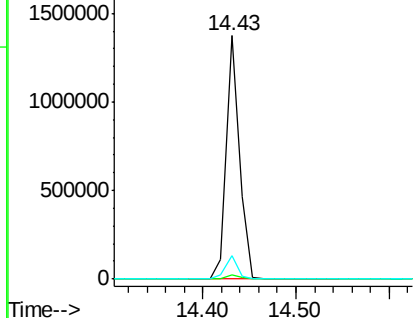


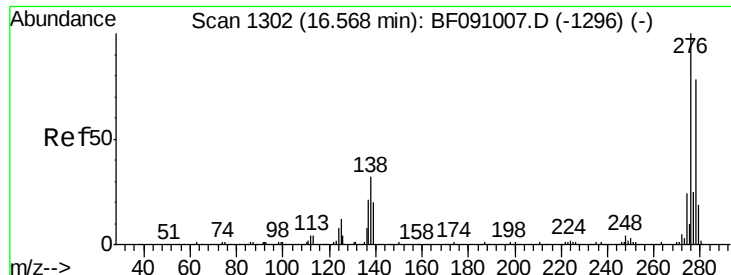
#84
 Di-n-octyl phthalate
 Concen: 38.07 ng
 RT: 14.43 min Scan# 1115
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:149 Resp: 1350860
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.2 12.4



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

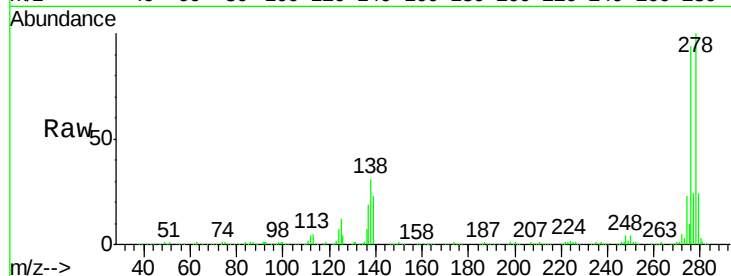




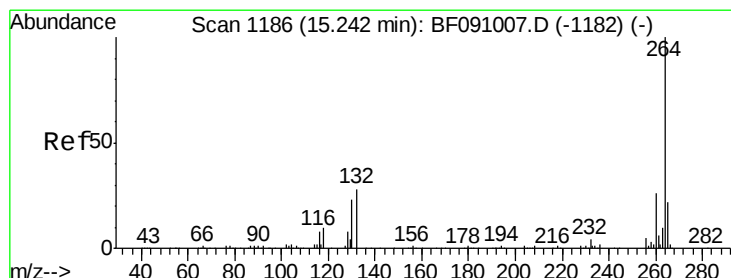
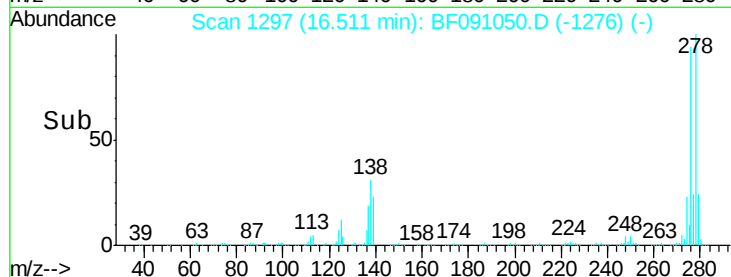
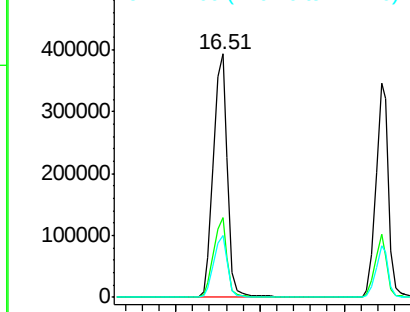
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.99 ng
 RT: 16.51 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 922023
 Ion Ratio Lower Upper
 276 100
 138 31.6 26.0 39.0
 277 25.0 20.1 30.1

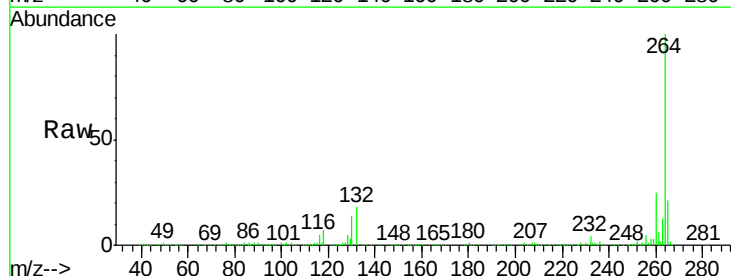


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

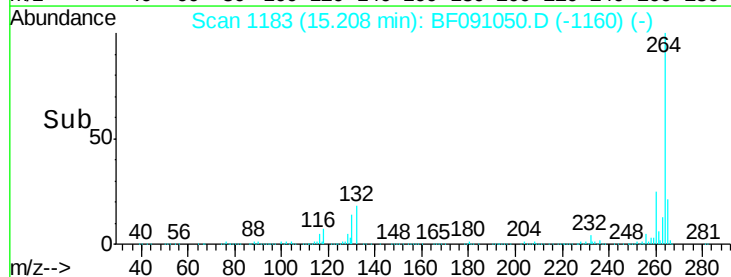
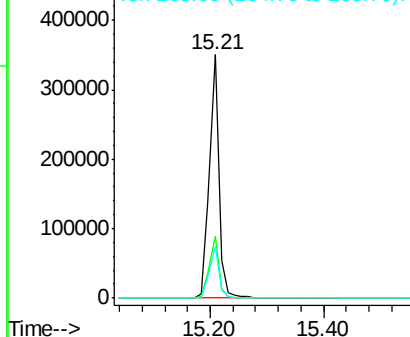


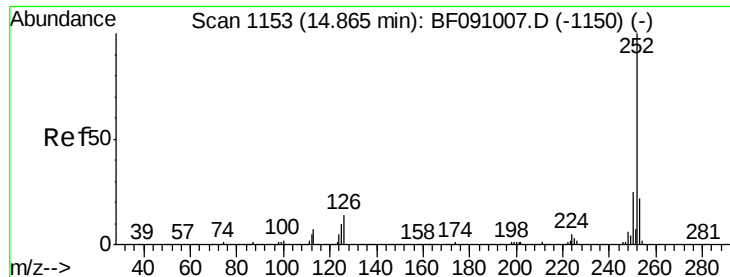
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF091050.D
 Acq: 7 Nov 2016 12:43

Tgt Ion:264 Resp: 391363
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 21.4 17.8 26.8



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





#87

Benzo(b)fluoranthene

Concen: 82.32 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampled :

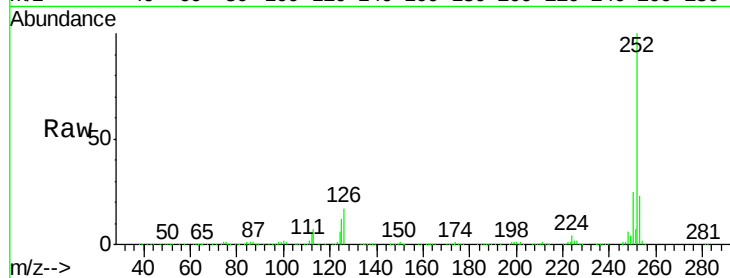
Tot Ion:252 Resp: 2185062

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

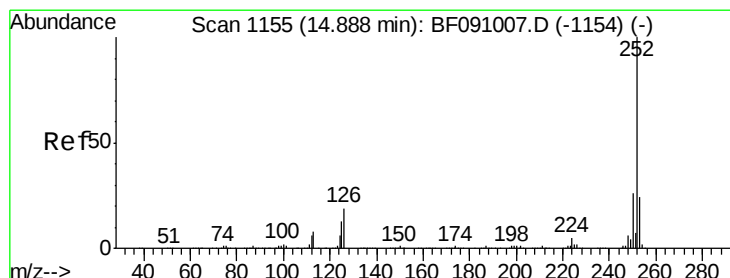
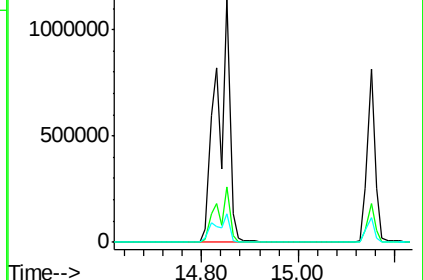
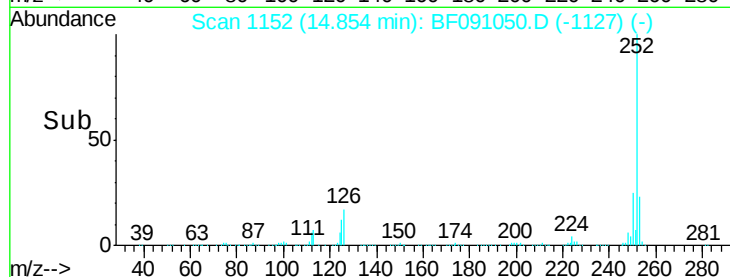
125 11.8 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.90 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.03 min

Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

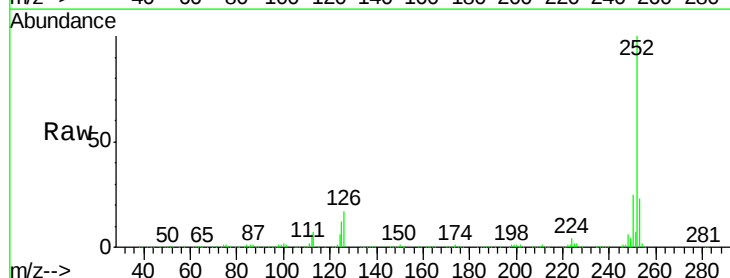
Tgt Ion:252 Resp: 2186284

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

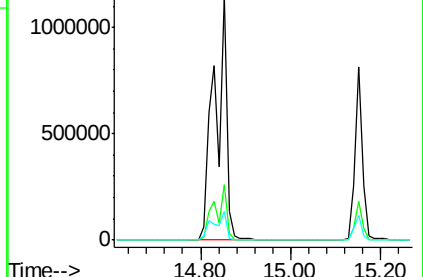
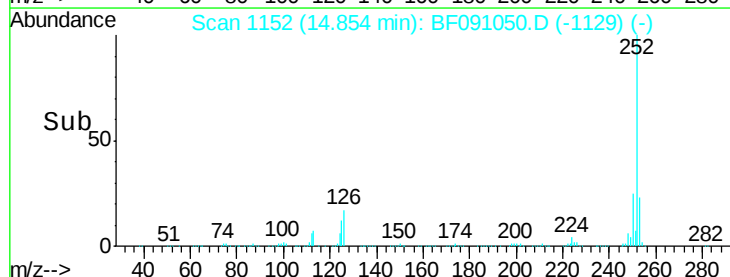
125 11.8 11.2 16.8

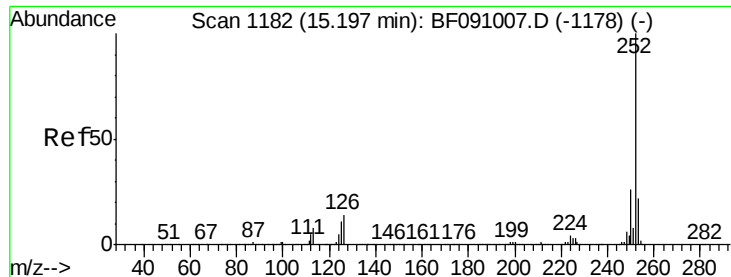


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

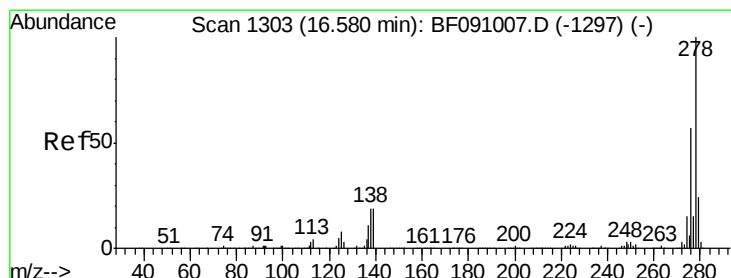
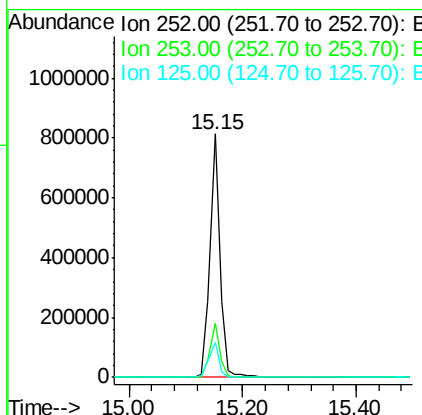
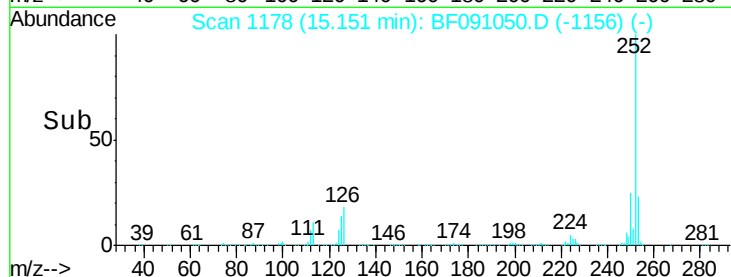
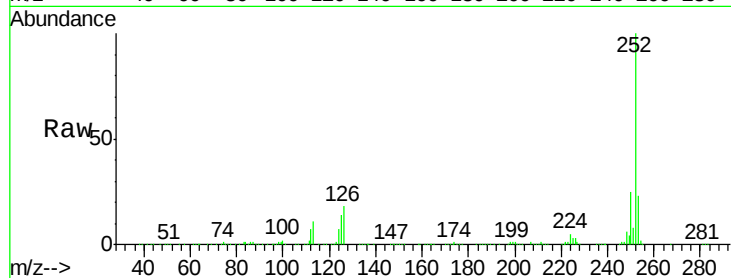




#89
Benzo(a)pyrene
Concen: 41.10 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

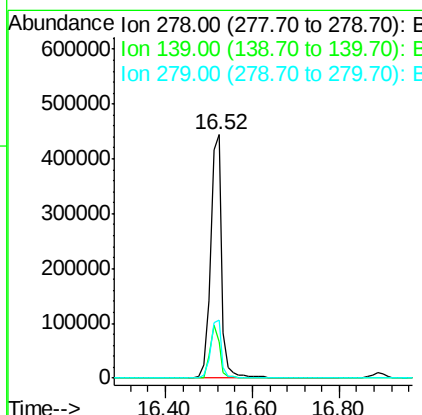
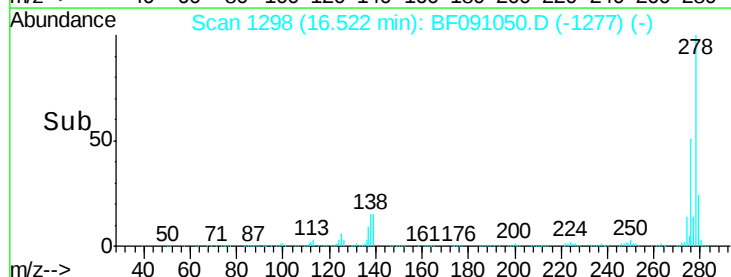
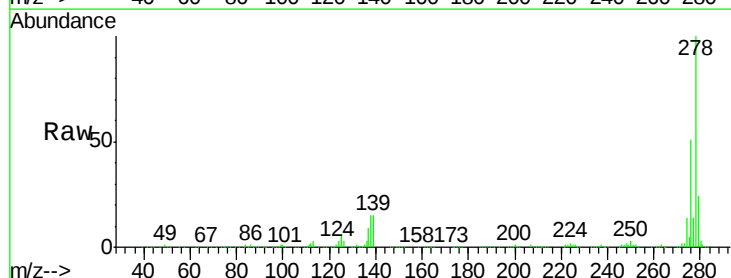
Instrument :
BNA_F
ClientSampled :

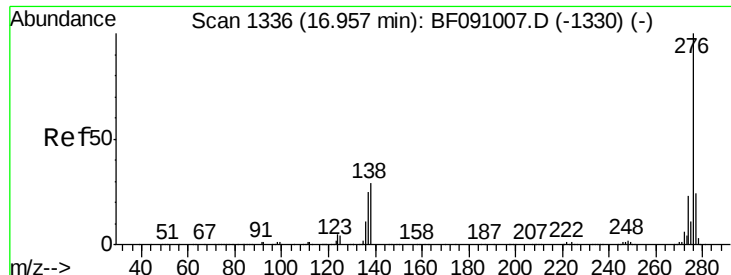
Tot Ion:252 Resp: 949827
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 14.2 8.6 13.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.30 ng
RT: 16.52 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BF091050.D
Acq: 7 Nov 2016 12:43

Tgt Ion:278 Resp: 805111
Ion Ratio Lower Upper
278 100
139 15.0 15.3 22.9#
279 24.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.41 ng

RT: 16.89 min Scan# 1330

Delta R.T. -0.07 min

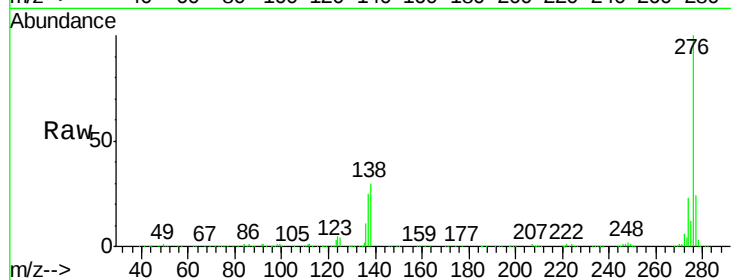
Lab File: BF091050.D

Acq: 7 Nov 2016 12:43

Instrument :

BNA_F

ClientSampleId :



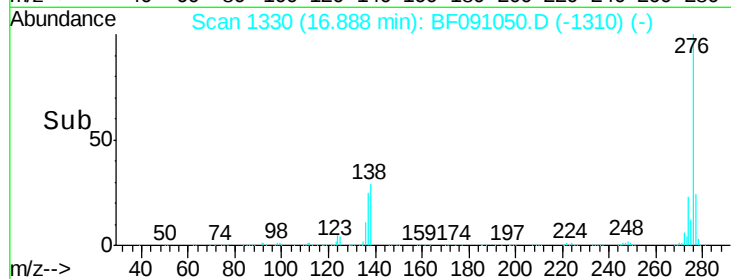
Tot Ion: 276 Resp: 729968

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.5 23.3 34.9



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

