

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092040.D
 Acq On : 30 Dec 2016 10:47
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:22:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	225398	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	937017	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	571998	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	949297	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	667654	20.00	ng	-0.03
86) Perylene-d12	15.21	264	627793	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1177405	87.22	ng	-0.03
7) Phenol-d6	6.35	99	1367324	82.96	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1280739	76.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	358869	75.81	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2313185	82.48	ng	-0.03
78) Terphenyl-d14	12.79	244	2121199	77.05	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	223232	33.59	ng	97
3) Pyridine	2.82	79	745716	32.15	ng	96
4) n-Nitrosodimethylamine	2.78	42	299267	34.20	ng	98
6) Aniline	6.35	93	897156	41.91	ng	# 55
8) 2-Chlorophenol	6.48	128	679220	44.23	ng	93
9) Benzaldehyde	6.22	77	405158	45.22	ng	96
10) Phenol	6.36	94	899461	47.89	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	698475	46.74	ng	95
12) 1,3-Dichlorobenzene	6.70	146	737099	44.97	ng	97
13) 1,4-Dichlorobenzene	6.70	146	737099	44.18	ng	94
14) 1,2-Dichlorobenzene	6.85	146	603032	41.65	ng	98
15) Benzyl Alcohol	6.84	79	491801	38.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	997381	44.82	ng	89
17) 2-Methylphenol	6.97	107	532354	43.11	ng	# 93
18) Hexachloroethane	7.20	117	248370	40.15	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	531278	48.45	ng	92
20) 3+4-Methylphenols	7.13	107	734179	49.84	ng	# 72
22) Acetophenone	7.10	105	977325	42.29	ng	# 93
24) Nitrobenzene	7.28	77	701011	39.06	ng	96
25) Isophorone	7.52	82	1175156	37.80	ng	95
26) 2-Nitrophenol	7.60	139	371103	41.93	ng	# 84
27) 2,4-Dimethylphenol	7.65	122	532596	36.28	ng	93
28) bis(2-Chloroethoxy)methane	7.73	93	726213	38.52	ng	99
29) 2,4-Dichlorophenol	7.85	162	507730	40.84	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	534817	39.26	ng	95
31) Naphthalene	8.00	128	1851613	43.18	ng	99
32) Benzoic acid	7.79	122	442681	40.66	ng	98
33) 4-Chloroaniline	8.05	127	756751	39.13	ng	99
34) Hexachlorobutadiene	8.11	225	292451	40.67	ng	99
35) Caprolactam	8.43	113	155689	38.11	ng	# 65
36) 4-Chloro-3-methylphenol	8.56	107	604318	42.25	ng	# 84
37) 2-Methylnaphthalene	8.68	142	1147470	43.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	548928	37.98	ng	99
40) Hexachlorocyclopentadiene	8.84	237	220996	36.61	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092040.D
 Acq On : 30 Dec 2016 10:47
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:22:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

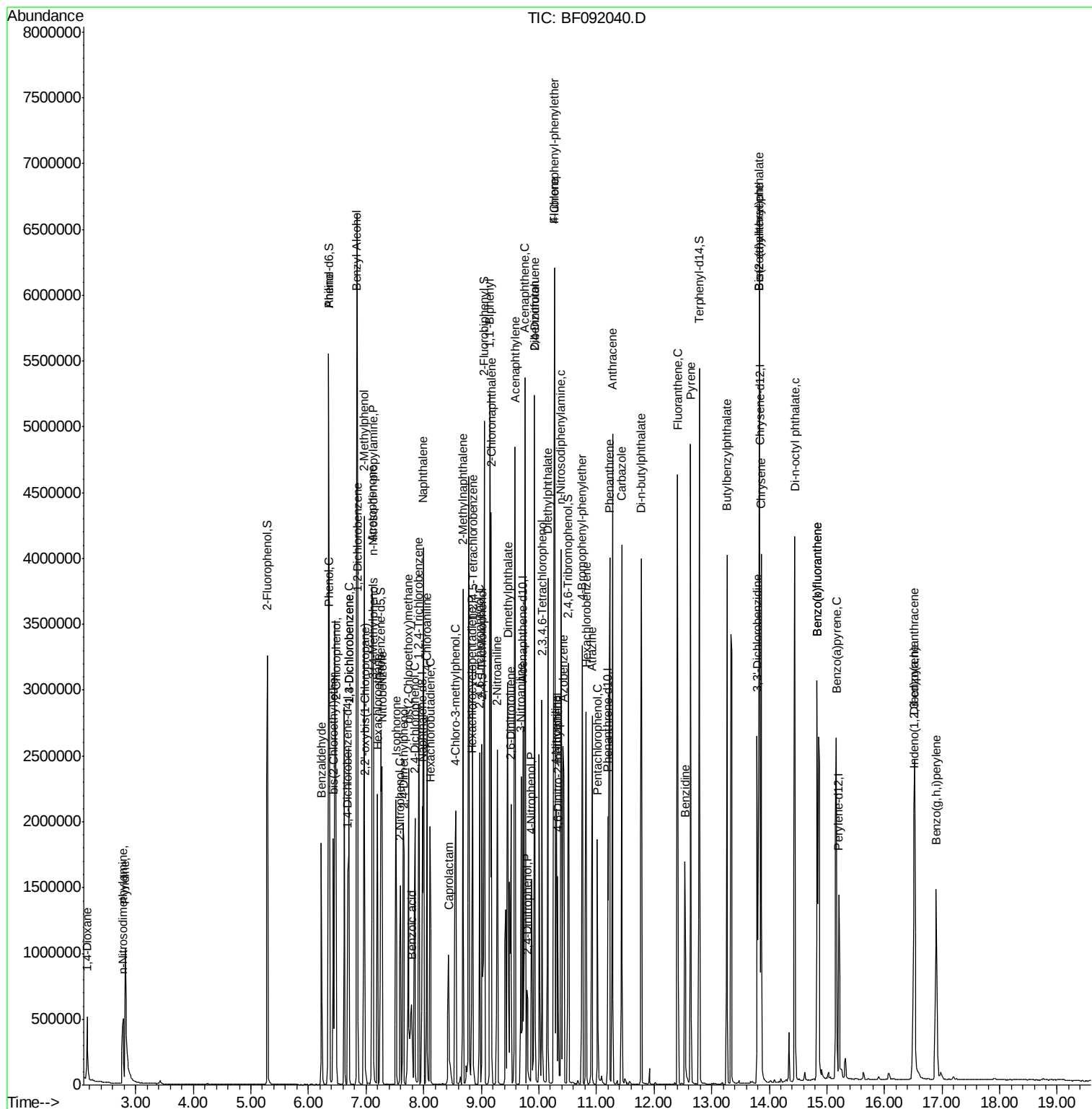
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	380256	37.62	nq	94
43) 2,4,5-Trichlorophenol	9.01	196	388609	37.36	nq	99
45) 1,1'-Biphenyl	9.15	154	1543704	39.42	nq	98
46) 2-Chloronaphthalene	9.17	162	1259215	40.60	nq	97
47) 2-Nitroaniline	9.28	65	429818	38.92	nq	96
48) Acenaphthylene	9.58	152	1854489	38.88	nq	99
49) Dimethylphthalate	9.46	163	1433901	39.19	nq	98
50) 2,6-Dinitrotoluene	9.52	165	332368	41.51	nq	# 67
51) Acenaphthene	9.76	154	1182658	36.57	nq	99
52) 3-Nitroaniline	9.69	138	380202	38.37	nq	100
53) 2,4-Dinitrophenol	9.80	184	162389	36.45	nq	95
54) Dibenzofuran	9.93	168	1503413	34.42	nq	100
55) 4-Nitrophenol	9.87	139	284216	42.24	nq	96
56) 2,4-Dinitrotoluene	9.93	165	419091	41.70	nq	93
57) Fluorene	10.27	166	1260674	39.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	339253	41.24	nq	100
59) Diethylphthalate	10.16	149	1421438	40.01	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	567625	40.80	nq	# 77
61) 4-Nitroaniline	10.30	138	435309	42.39	nq	92
62) Azobenzene	10.42	77	1618804	41.38	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	249849	43.53	nq	# 40
65) n-Nitrosodiphenylamine	10.38	169	1071962	38.05	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	374412	37.92	nq	99
67) Hexachlorobenzene	10.82	284	427458	40.50	nq	99
68) Atrazine	10.92	200	357875	39.39	nq	98
69) Pentachlorophenol	11.01	266	215194	41.55	nq	99
70) Phenanthrene	11.23	178	2029390	39.43	nq	99
71) Anthracene	11.28	178	1867966	39.17	nq	99
72) Carbazole	11.44	167	1694020	37.05	nq	99
73) Di-n-butylphthalate	11.78	149	2357925	48.68	nq	# 98
74) Fluoranthene	12.41	202	1846296	40.50	nq	100
76) Benzidine	12.53	184	811803	48.67	nq	98
77) Pyrene	12.64	202	1936188	39.53	nq	100
79) Butylbenzylphthalate	13.27	149	922753	41.42	nq	98
80) Benzo(a)anthracene	13.83	228	1697745	45.05	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	617782	43.23	nq	99
82) Chrysene	13.86	228	1453718	38.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1110582	42.33	nq	# 100
84) Di-n-octyl phthalate	14.44	149	2108050	43.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	1286301	39.28	nq	97
87) Benzo(b)fluoranthene	14.83	252	2956008	75.63	nq	100
88) Benzo(k)fluoranthene	14.83	252	2957737	88.74	nq	99
89) Benzo(a)pyrene	15.16	252	1414458	40.77	nq	98
90) Dibenzo(a,h)anthracene	16.52	278	1090681	38.25	nq	99
91) Benzo(g,h,i)perylene	16.90	276	1118836	37.74	nq	# 93

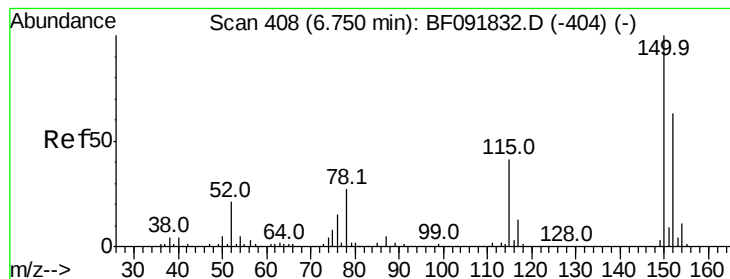
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\  
Data File : BF092040.D  
Acq On    : 30 Dec 2016  10:47  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 30 15:22:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

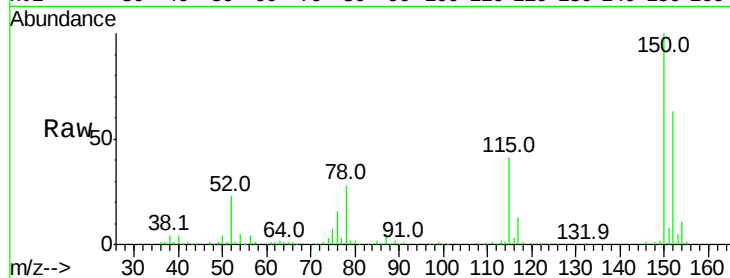
Tot Ion:152 Resp: 225398

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

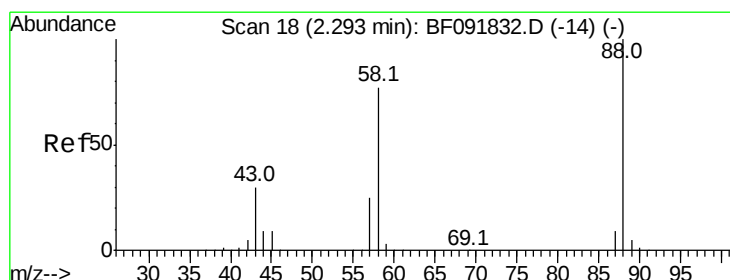
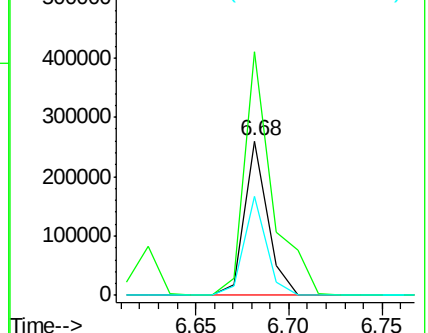
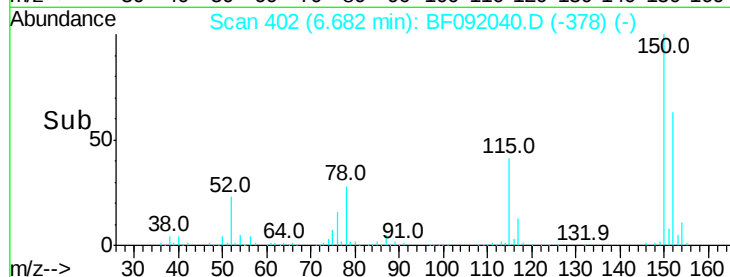
115 63.9 46.0 69.0



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: 33.59 ng

RT: 2.16 min Scan# 6

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

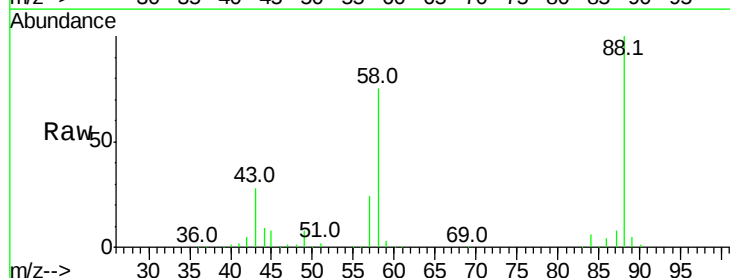
Tgt Ion: 88 Resp: 223232

Ion Ratio Lower Upper

88 100

58 75.2 57.8 86.8

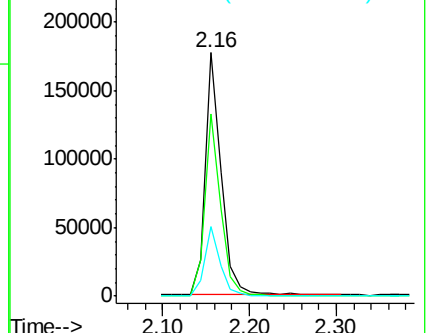
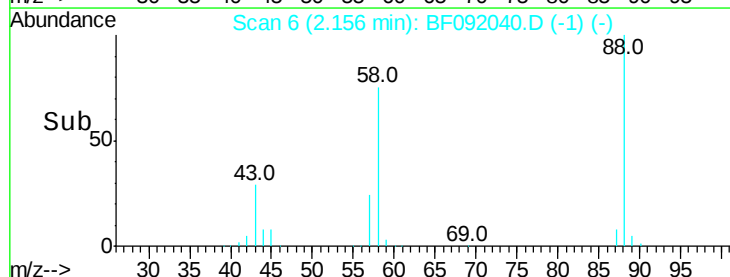
43 28.2 22.3 33.5

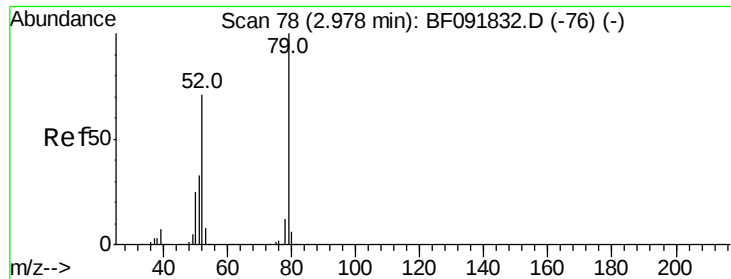


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.15 ng

RT: 2.82 min Scan# 64

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

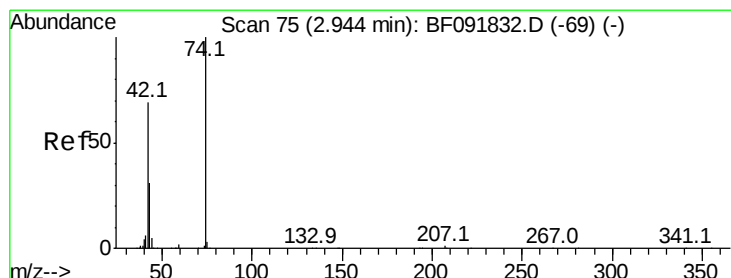
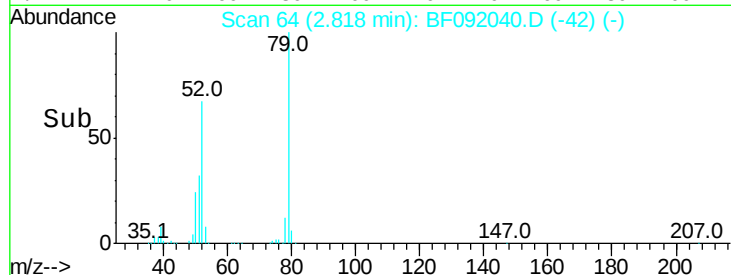
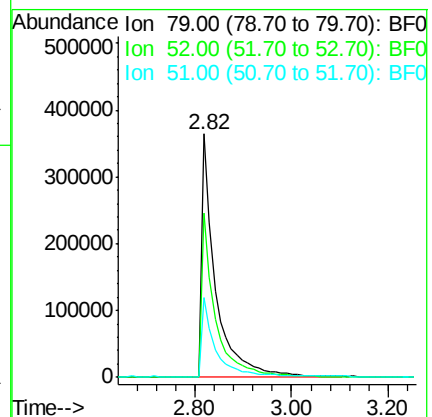
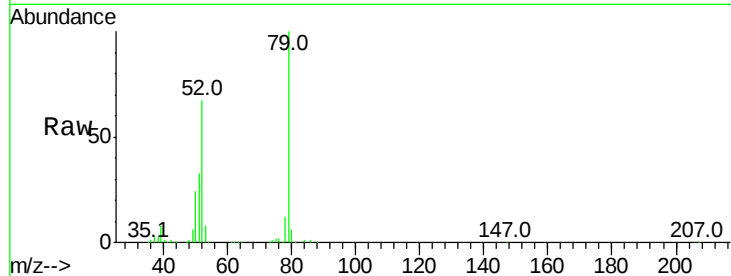
Tot Ion: 79 Resp: 745716

Ion Ratio Lower Upper

79 100

52 67.5 57.1 85.7

51 32.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 34.20 ng

RT: 2.78 min Scan# 61

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

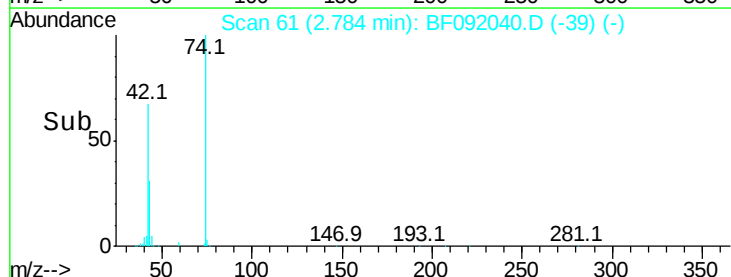
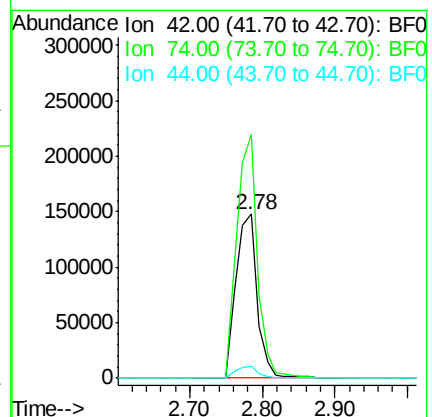
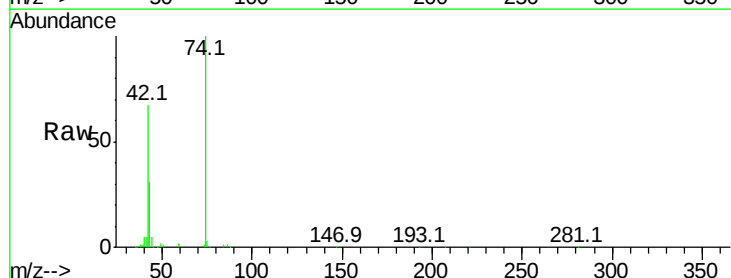
Tgt Ion: 42 Resp: 299267

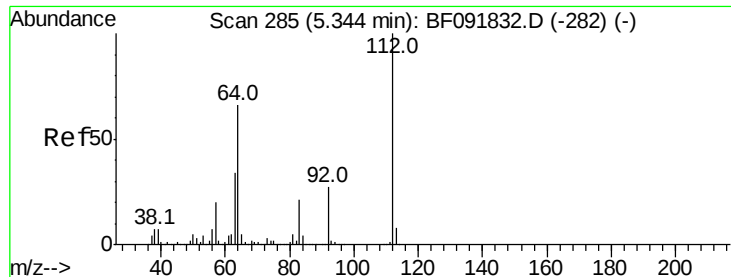
Ion Ratio Lower Upper

42 100

74 148.5 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 87.22 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

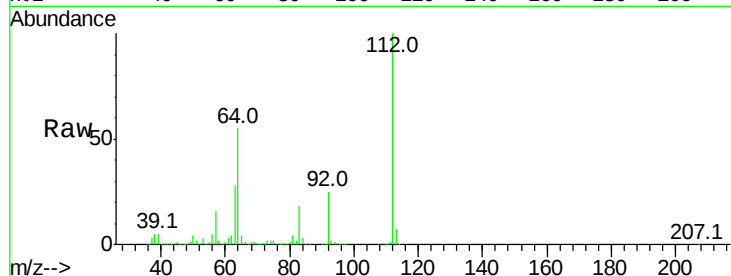
Tot Ion:112 Resp: 1177405

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

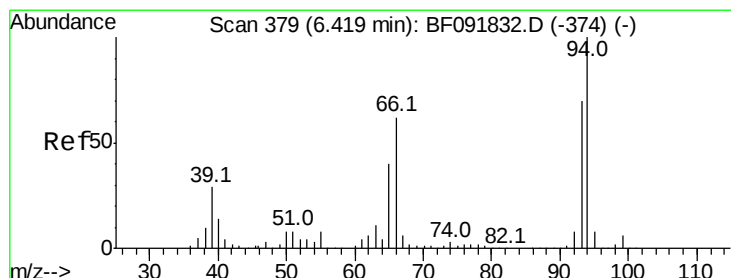
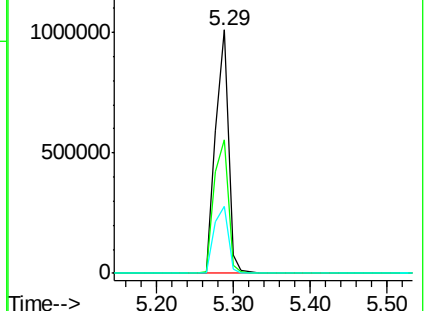
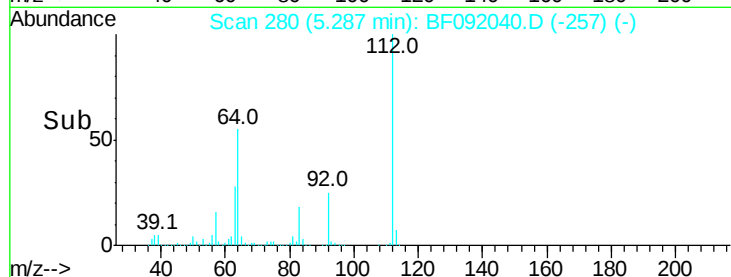
63 27.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.91 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

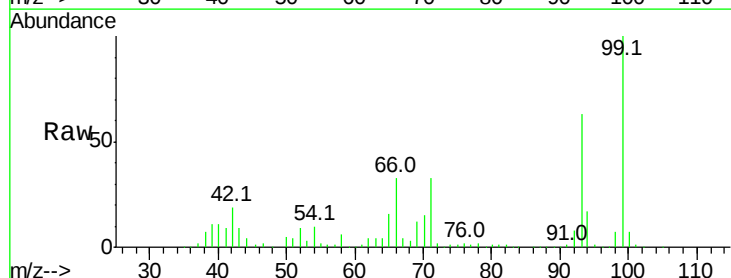
Tgt Ion: 93 Resp: 897156

Ion Ratio Lower Upper

93 100

66 52.0 76.2 114.2#

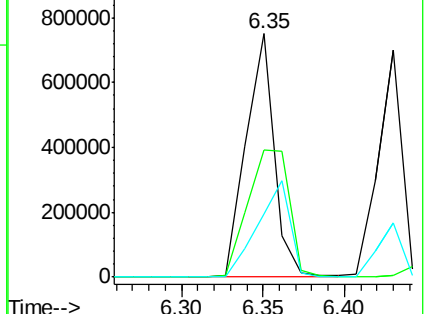
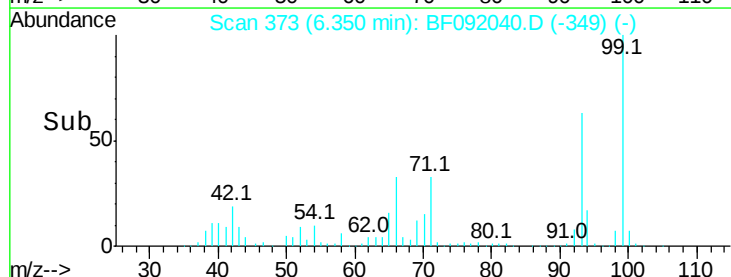
65 25.8 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.96 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

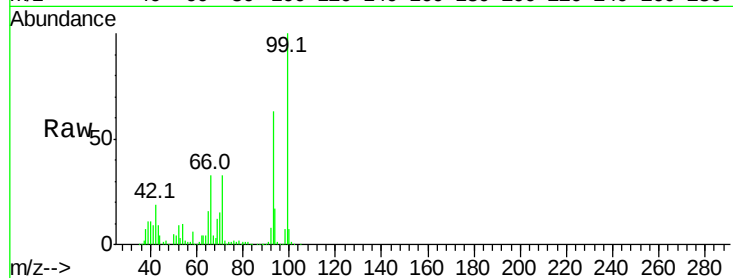
Tot Ion: 99 Resp: 1367324

Ion Ratio Lower Upper

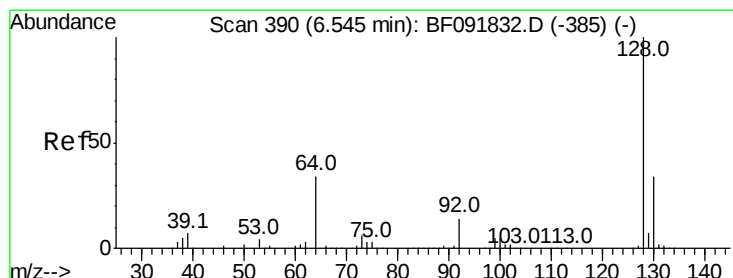
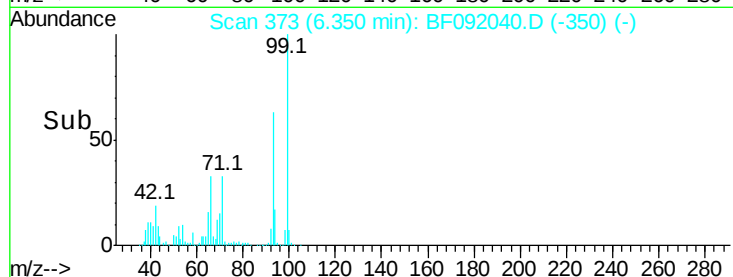
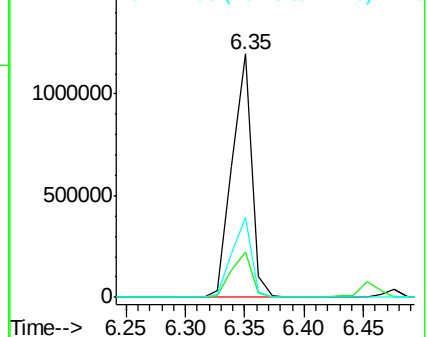
99 100

42 18.6 15.6 23.4

71 32.6 27.5 41.3



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: 44.23 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

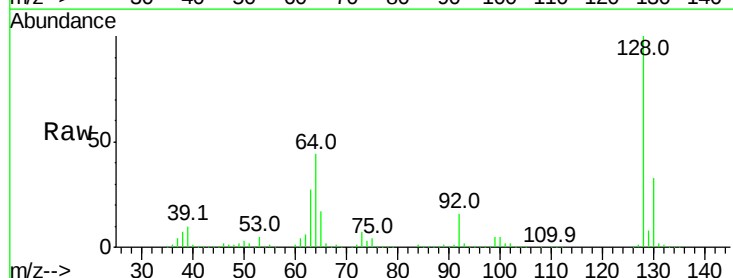
Tgt Ion: 128 Resp: 679220

Ion Ratio Lower Upper

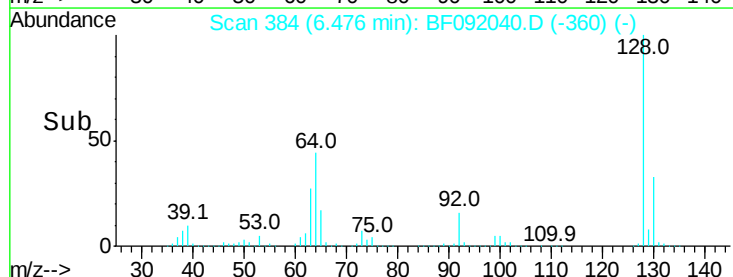
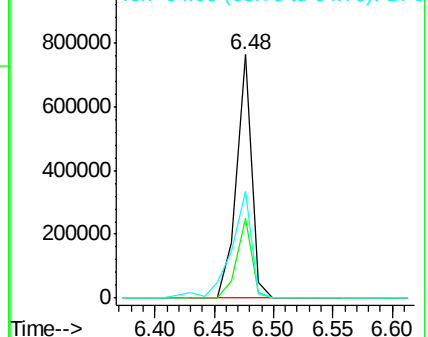
128 100

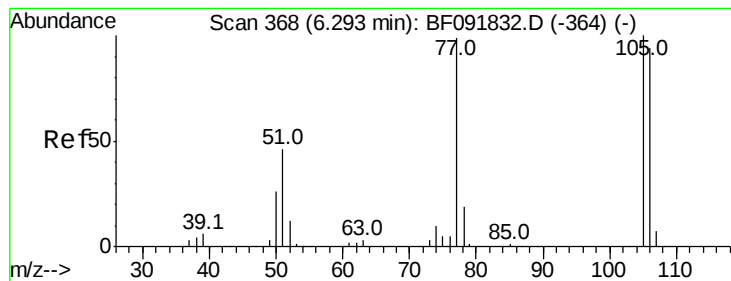
130 32.7 12.3 52.3

64 44.0 32.2 72.2



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: 45.22 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

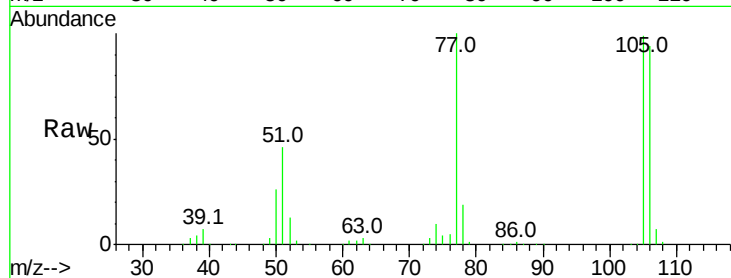
Tot Ion: 77 Resp: 405158

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

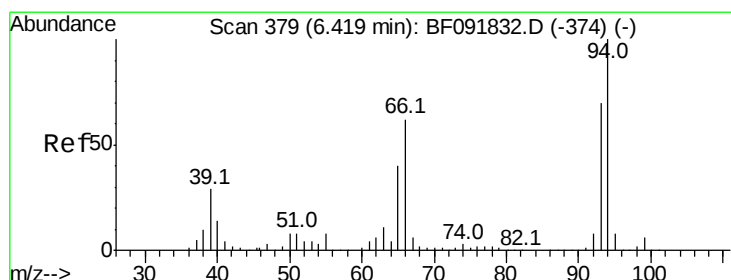
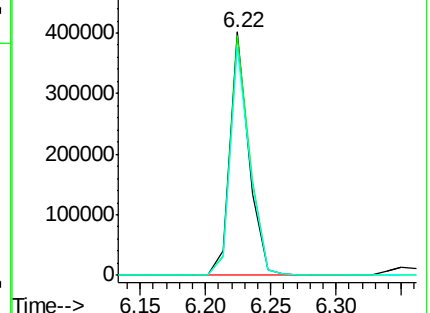
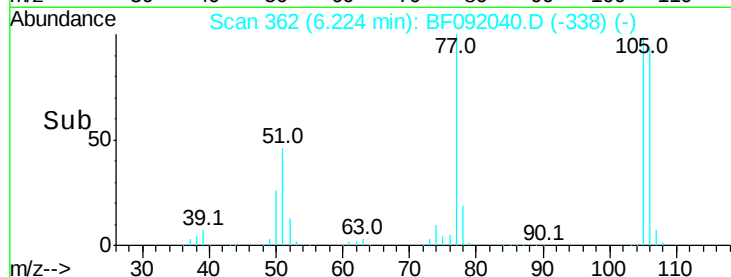
106 93.9 77.6 117.6



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: 47.89 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

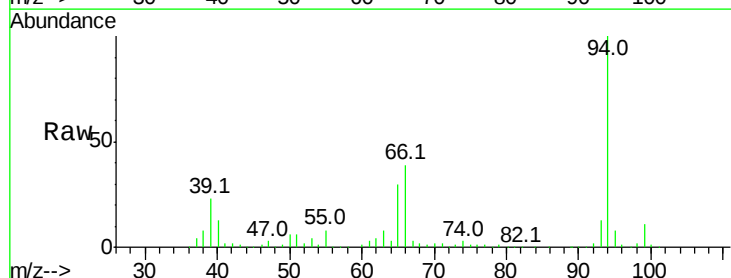
Tgt Ion: 94 Resp: 899461

Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

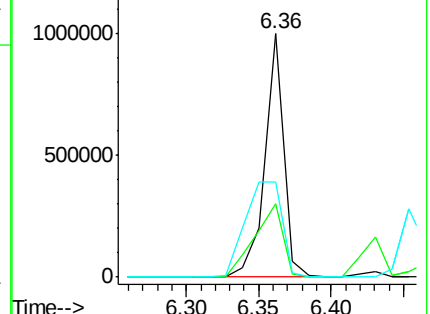
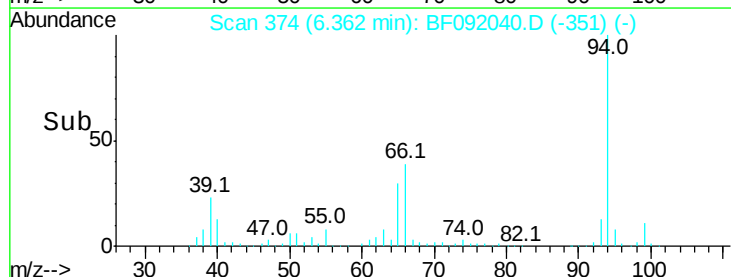
66 38.8 44.0 84.0#



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: 46.74 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

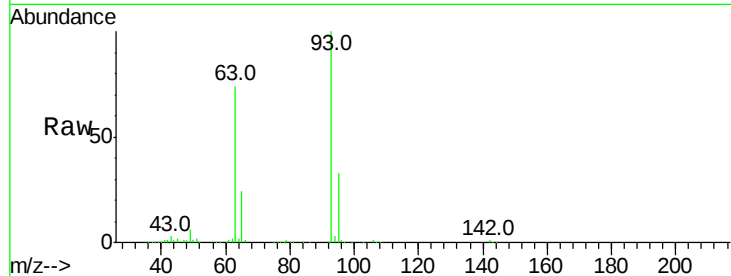
Tot Ion: 93 Resp: 698475

Ion Ratio Lower Upper

93 100

63 74.2 60.4 100.4

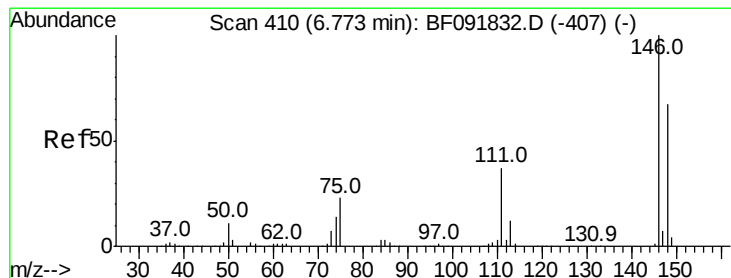
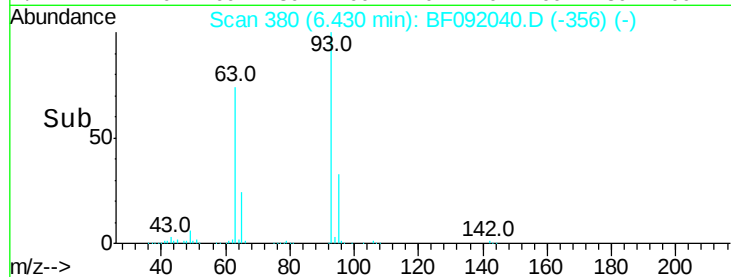
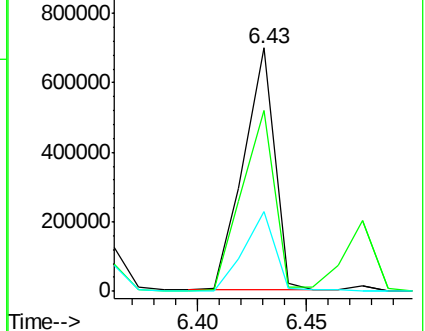
95 33.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.97 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.06 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

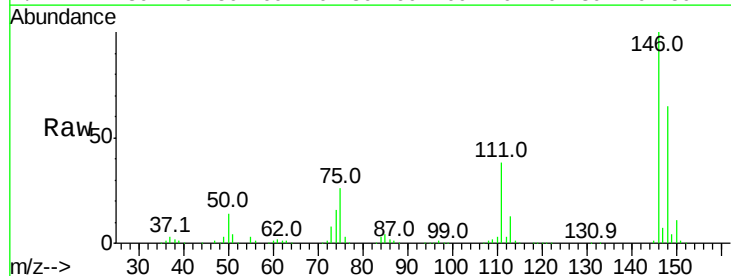
Tgt Ion: 146 Resp: 737099

Ion Ratio Lower Upper

146 100

148 65.4 53.4 80.0

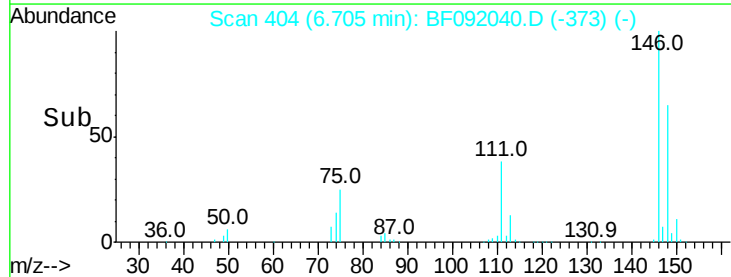
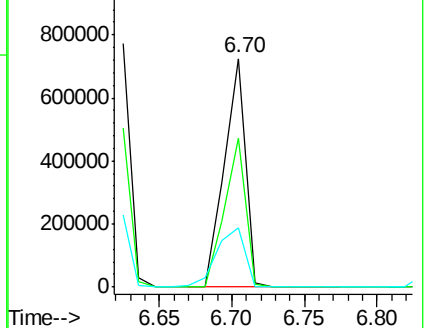
75 26.1 18.5 27.7

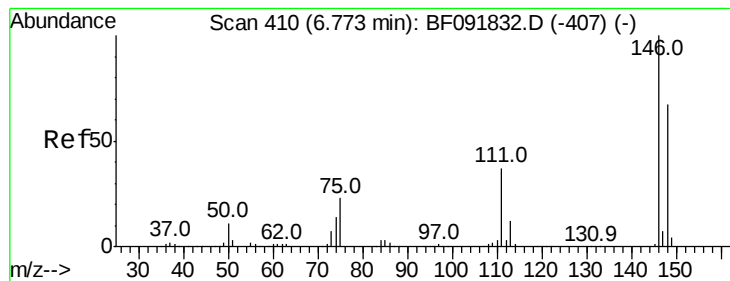


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 44.18 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

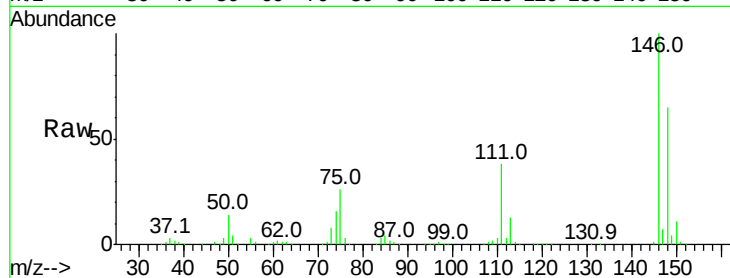
Tot Ion:146 Resp: 737099

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

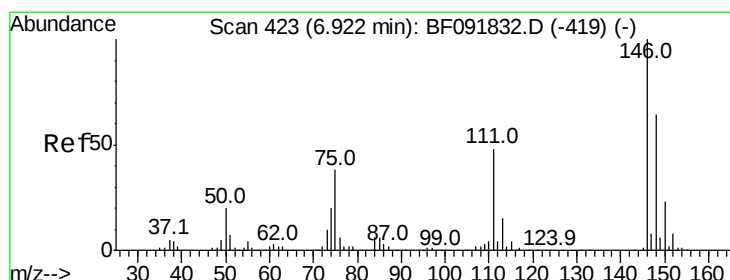
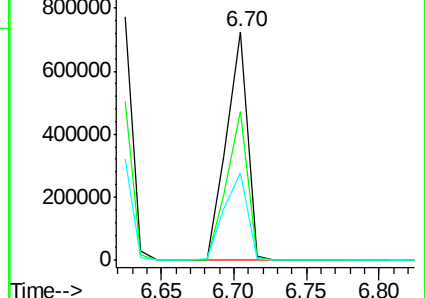
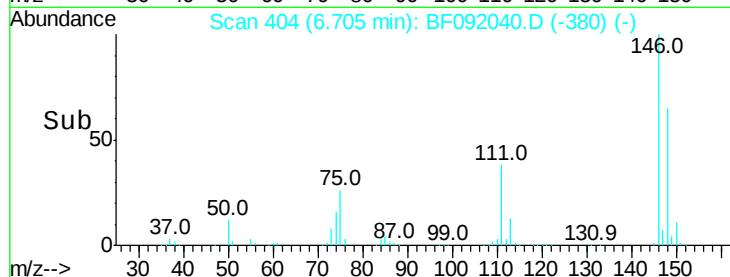
111 38.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.65 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

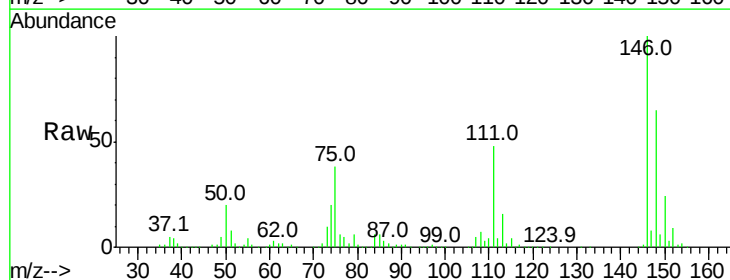
Tgt Ion:146 Resp: 603032

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

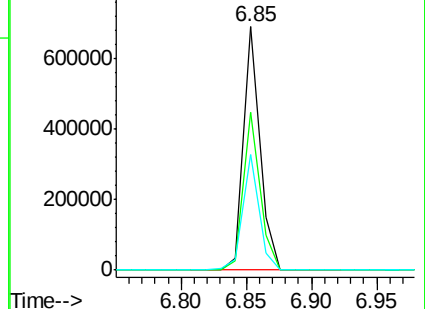
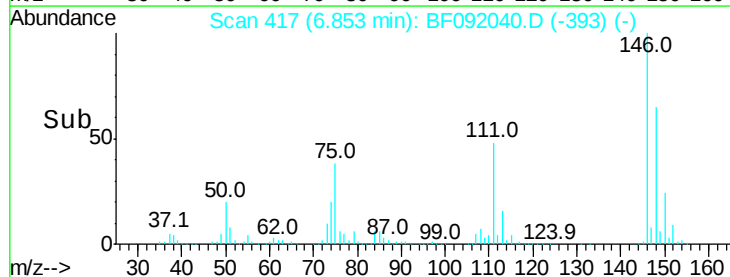
111 47.7 36.2 54.2

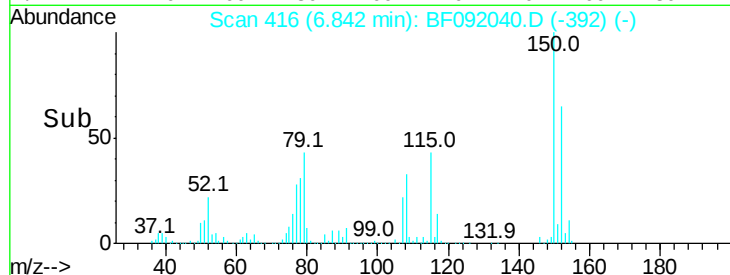
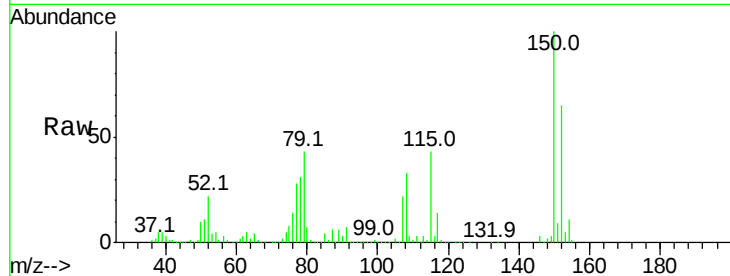
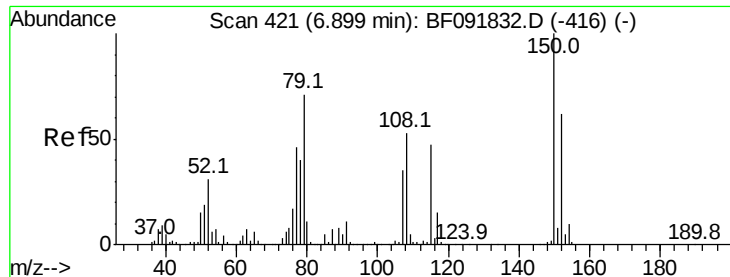


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.40 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

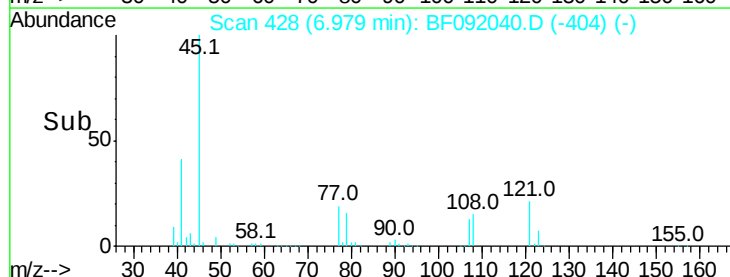
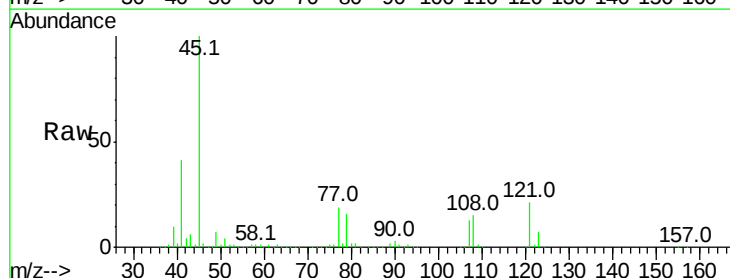
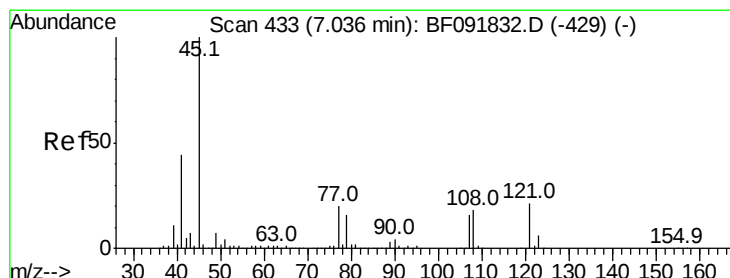
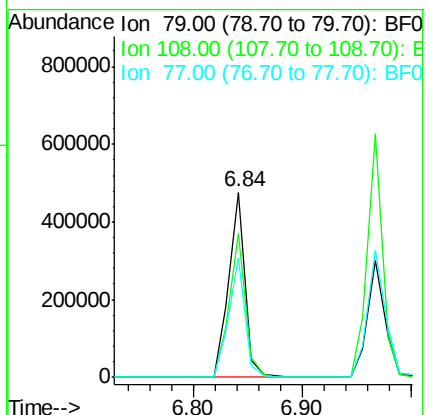
Tot Ion: 79 Resp: 491801

Ion Ratio Lower Upper

79 100

108 77.6 61.4 92.0

77 64.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.82 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

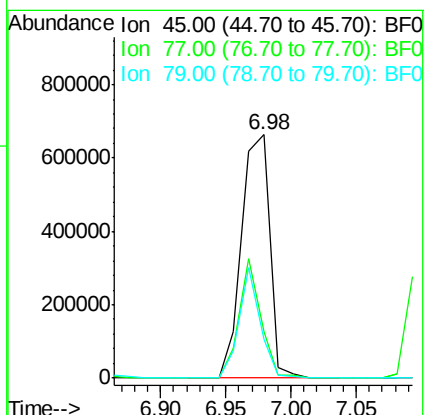
Tgt Ion: 45 Resp: 997381

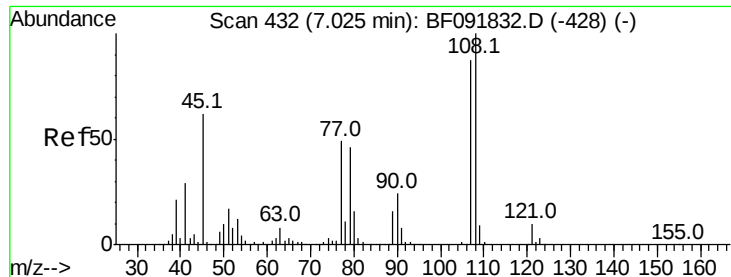
Ion Ratio Lower Upper

45 100

77 19.0 0.0 34.6

79 16.0 0.0 31.2

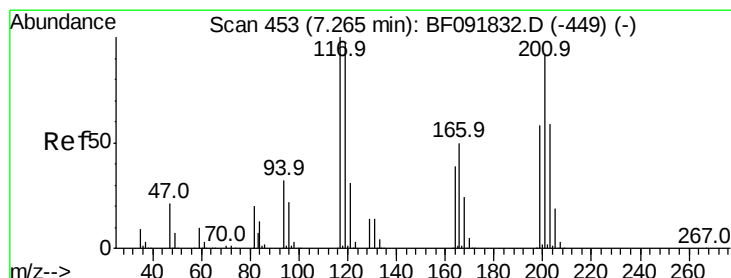
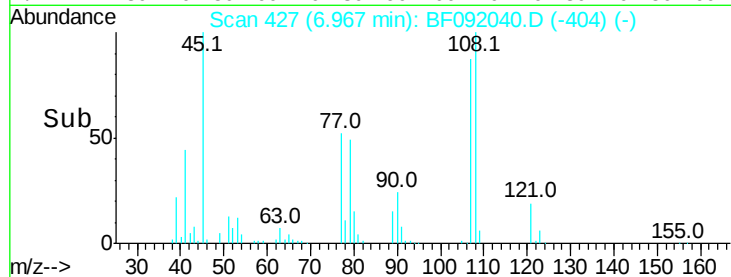
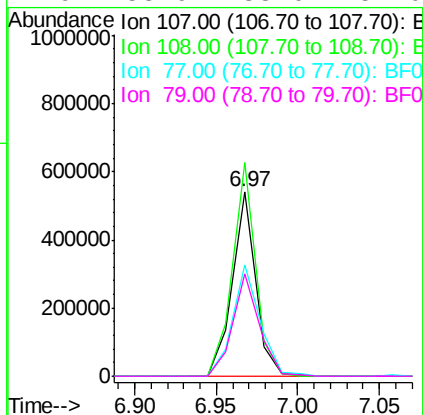
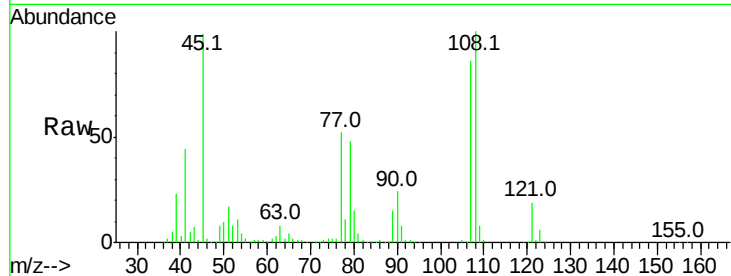




#17
2-Methylphenol
Concen: 43.11 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

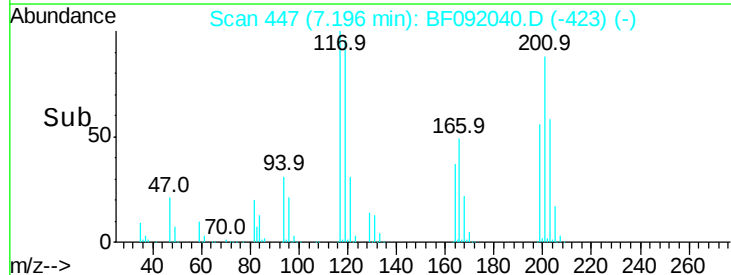
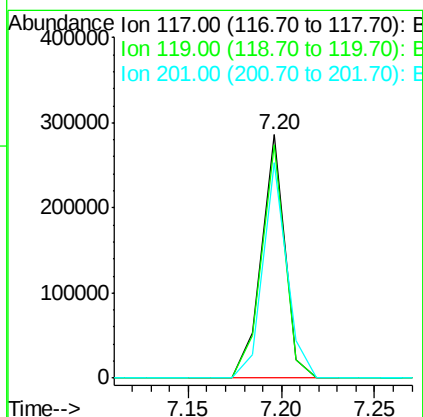
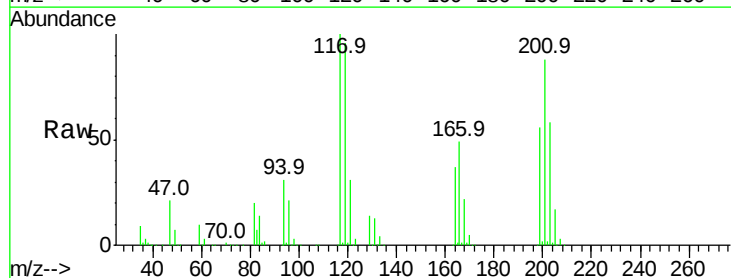
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	93.0	139.6
77	60.3	39.8	59.8
79	55.9	38.0	57.0



#18
Hexachloroethane
Concen: 40.15 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	88.5	78.6	117.8

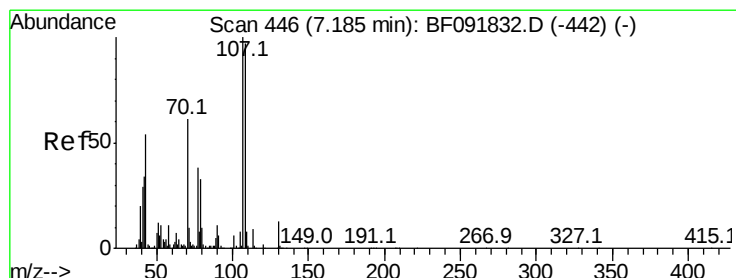
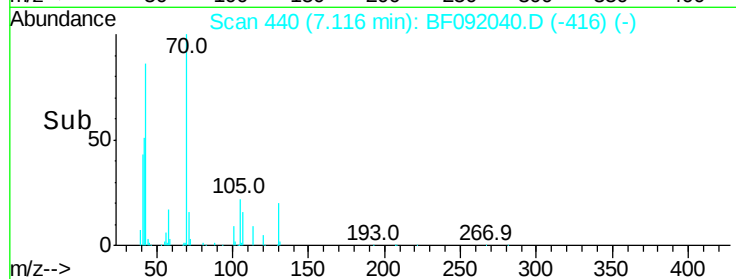
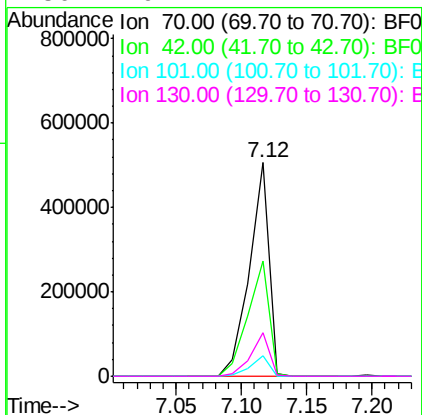
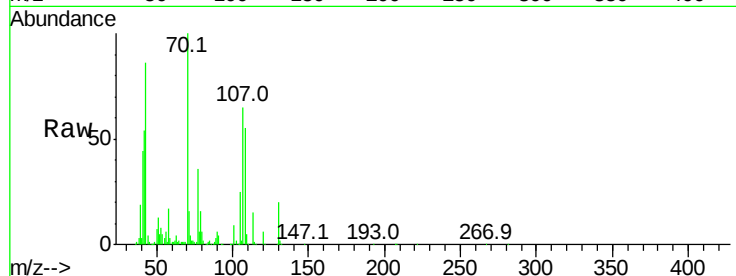




#19
n-Nitroso-di-n-propylamine
Concen: 48.45 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

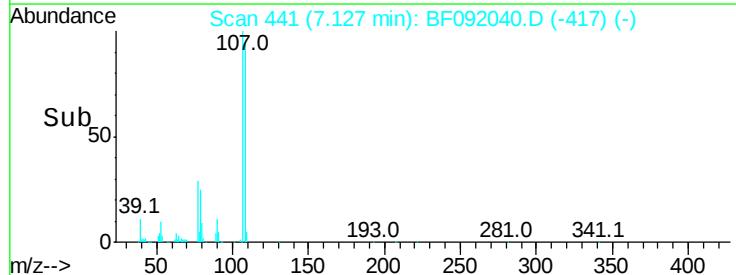
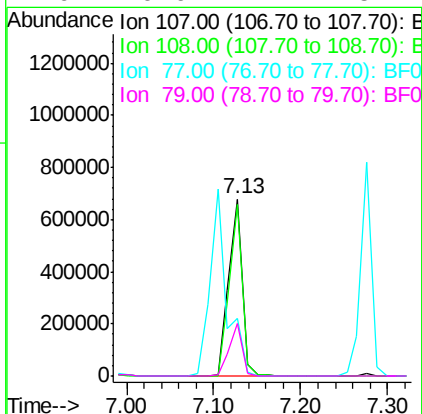
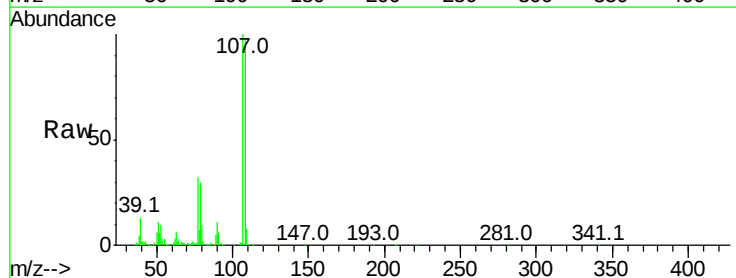
Instrument :
BNA_F
ClientSampleId :

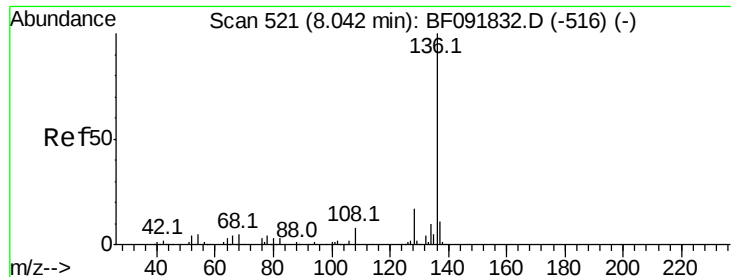
Tot Ion:	70	Resp:	531278
Ion	Ratio	Lower	Upper
70	100		
42	53.9	49.4	74.0
101	9.4	7.4	11.2
130	20.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 49.84 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:	107	Resp:	734179
Ion	Ratio	Lower	Upper
107	100		
108	96.5	73.0	113.0
77	32.3	71.3	111.3#
79	29.9	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 937017

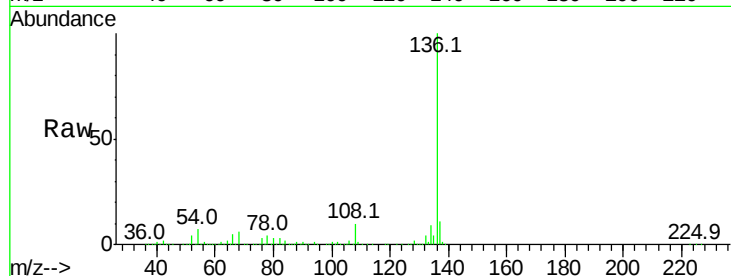
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.1 4.5 6.7#

68 5.8 3.6 5.4#

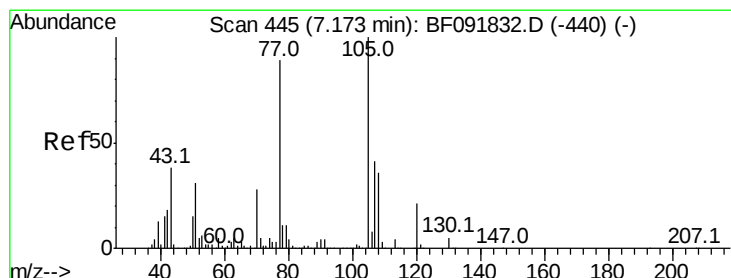
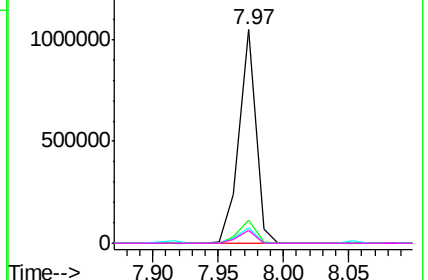
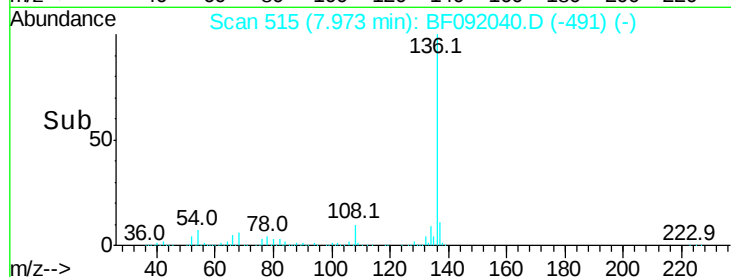


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.29 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:105 Resp: 977325

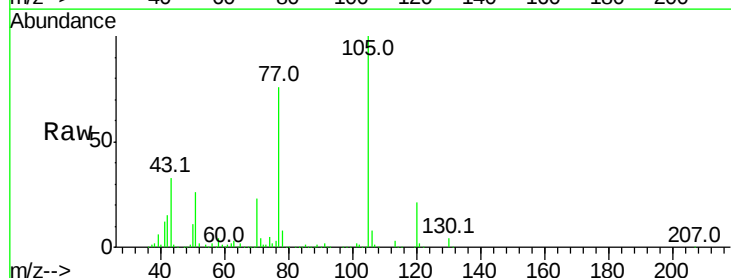
Ion Ratio Lower Upper

105 100

71 3.9 3.2 4.8

51 25.9 26.2 39.4#

120 20.9 16.6 24.8

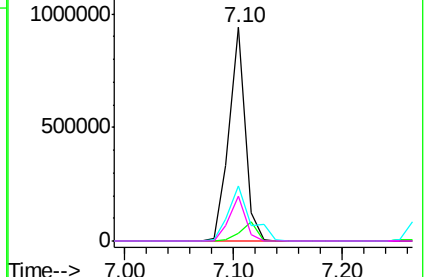
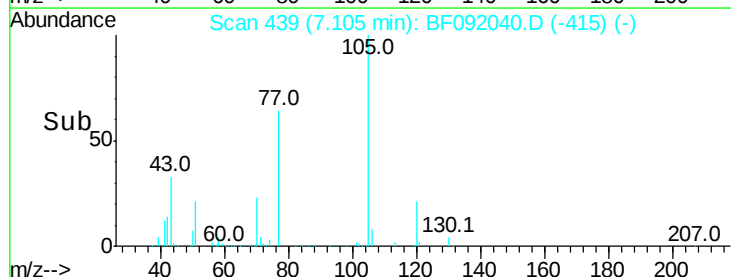


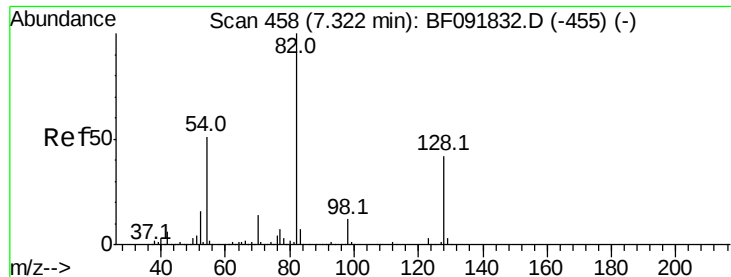
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

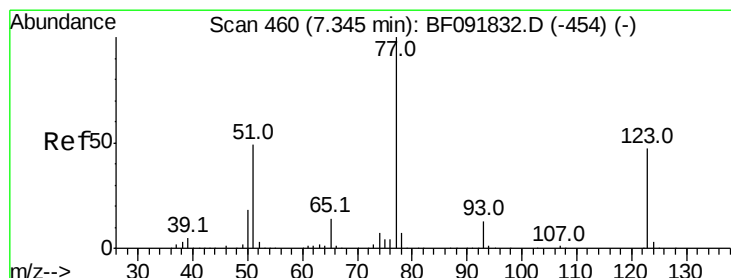
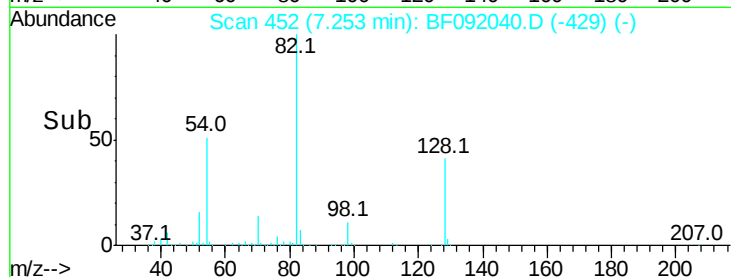
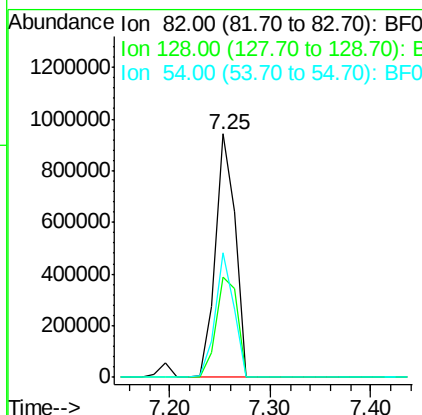
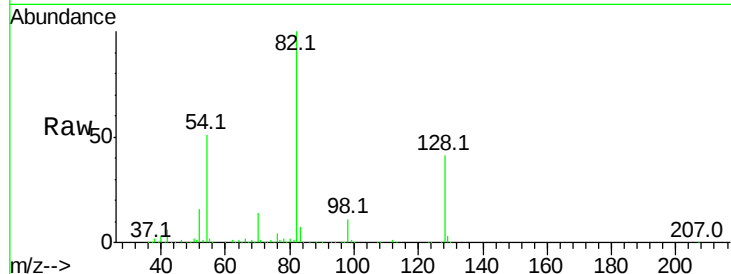




#23
Nitrobenzene-d5
Concen: 76.00 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

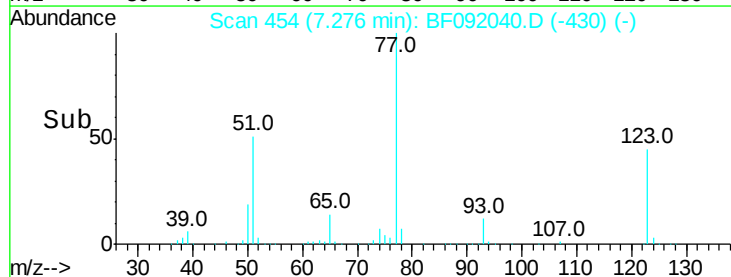
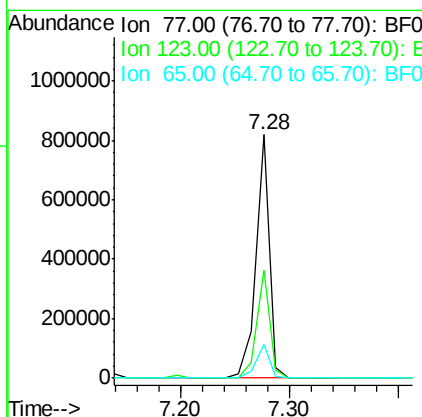
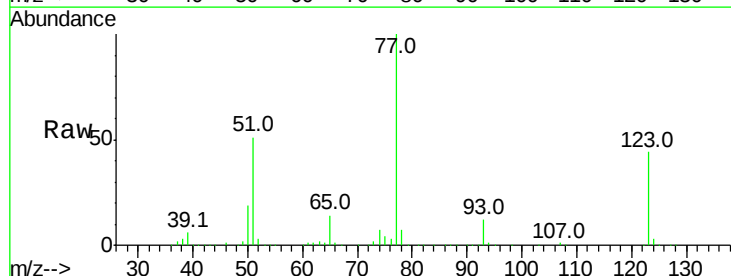
Instrument :
BNA_F
ClientSampled :

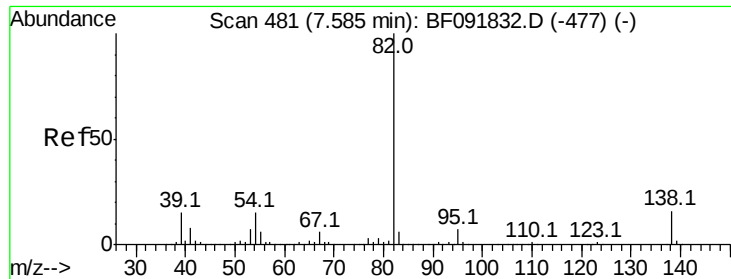
Tot Ion: 82 Resp: 1280739
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 51.1 39.5 59.3



#24
Nitrobenzene
Concen: 39.06 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion: 77 Resp: 701011
Ion Ratio Lower Upper
77 100
123 44.3 33.0 49.4
65 13.7 11.2 16.8





#25

Isophorone

Concen: 37.80 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :

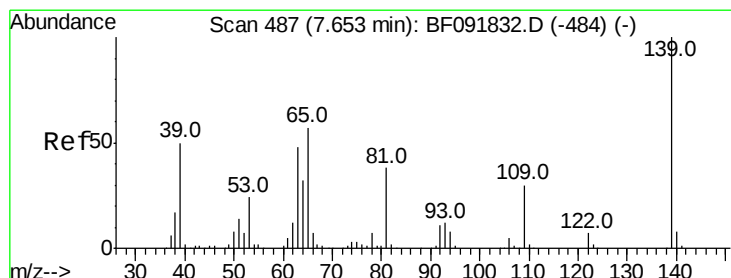
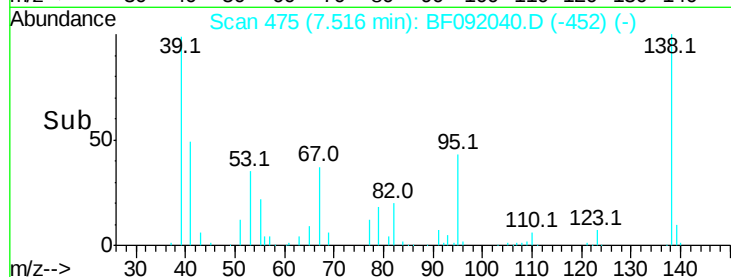
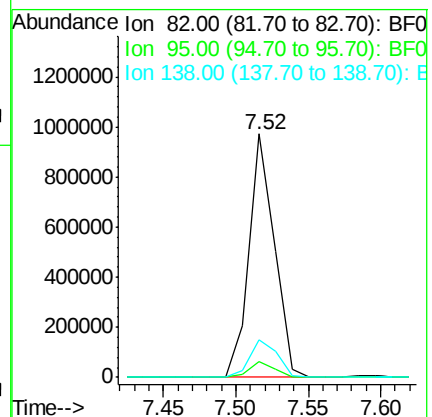
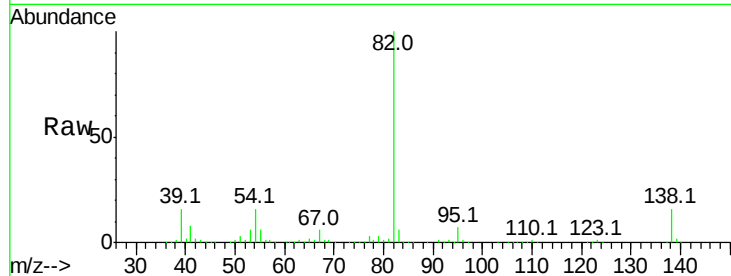
Tot Ion: 82 Resp: 1175156

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.6 14.6 22.0



#26

2-Nitrophenol

Concen: 41.93 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

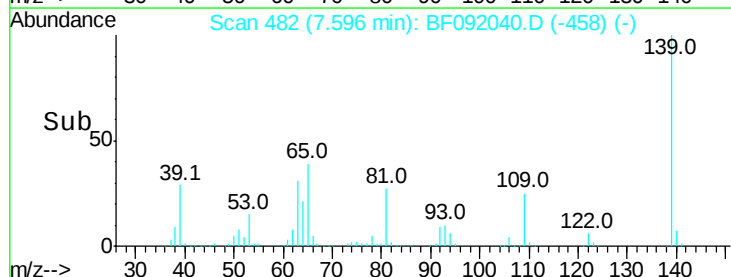
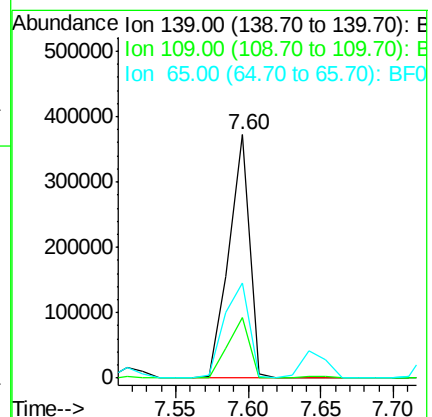
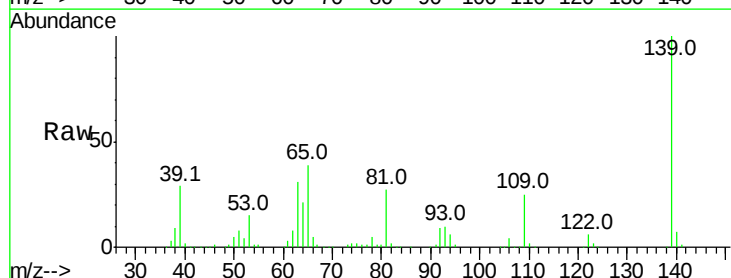
Tgt Ion:139 Resp: 371103

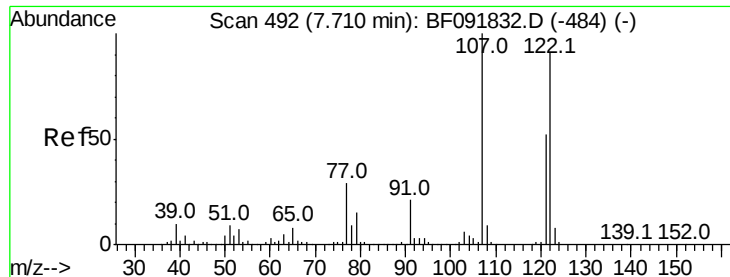
Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

65 38.9 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 36.28 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

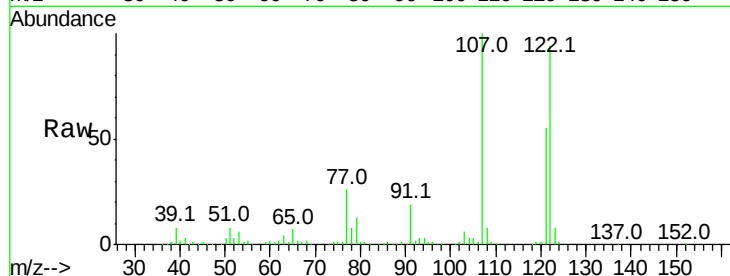
Tot Ion:122 Resp: 532596

Ion Ratio Lower Upper

122 100

107 106.1 94.1 141.1

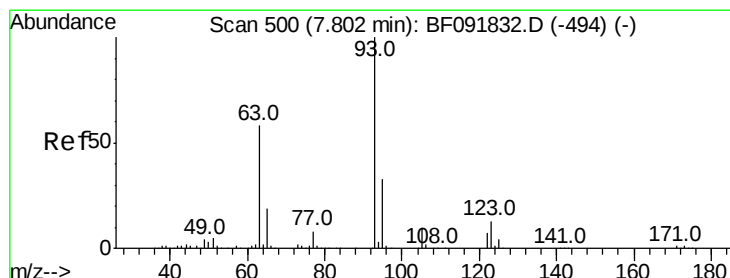
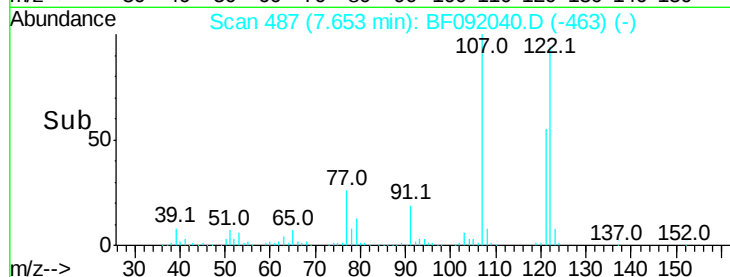
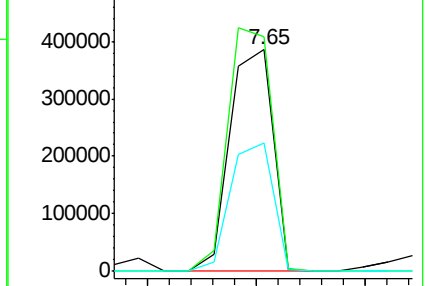
121 57.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.52 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

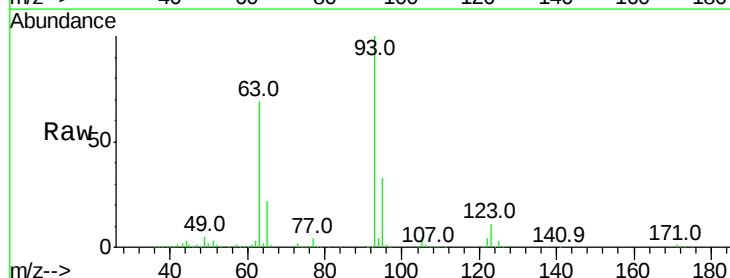
Tgt Ion: 93 Resp: 726213

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

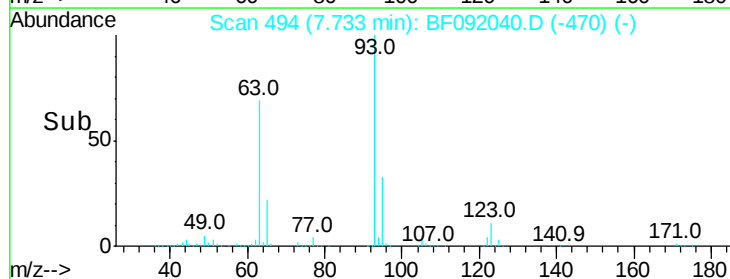
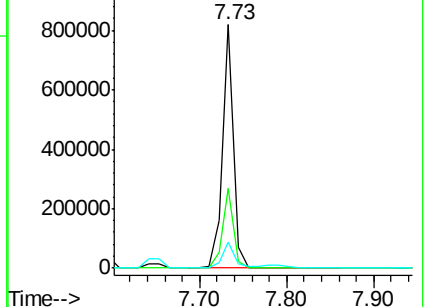
123 10.7 8.6 13.0

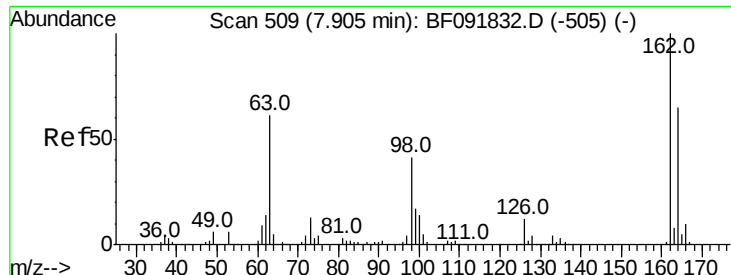


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

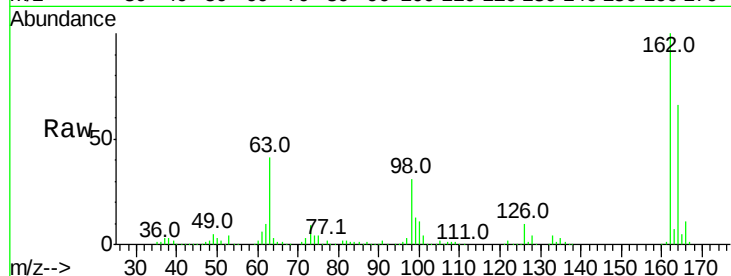




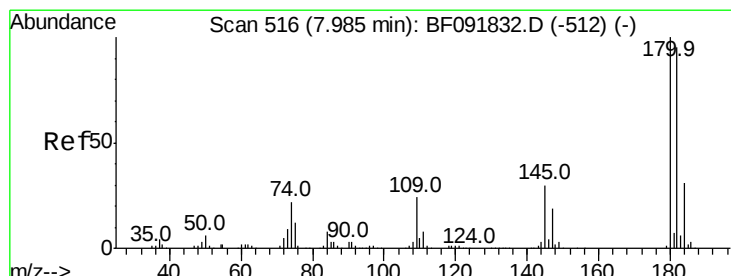
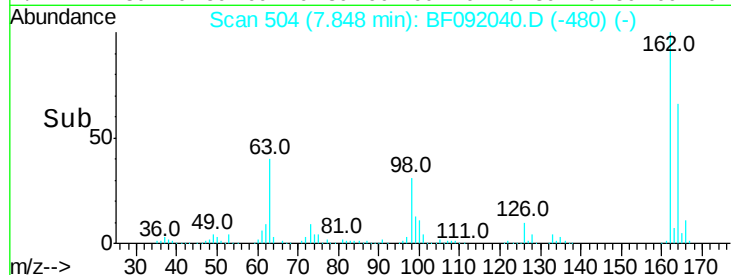
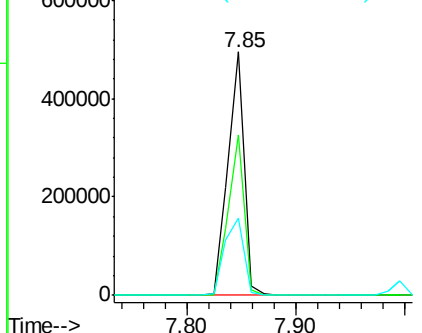
#29
2,4-Dichlorophenol
Concen: 40.84 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 507730
Ion Ratio Lower Upper
162 100
164 65.7 46.8 86.8
98 31.5 9.1 49.1

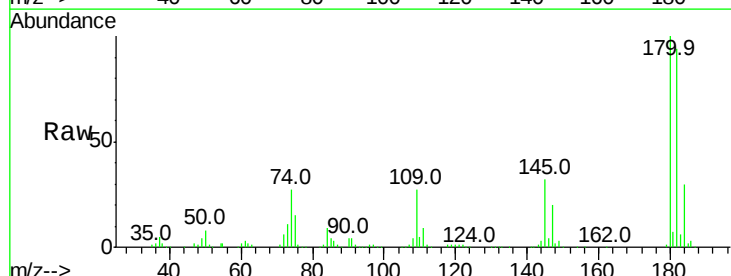


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

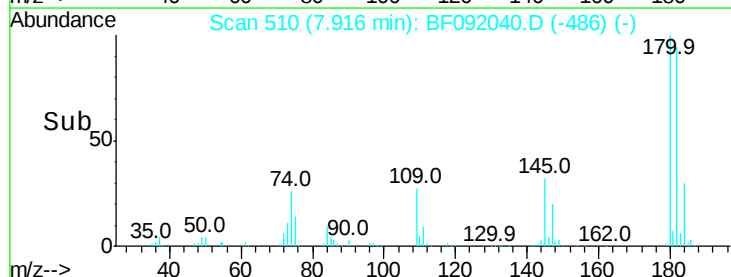
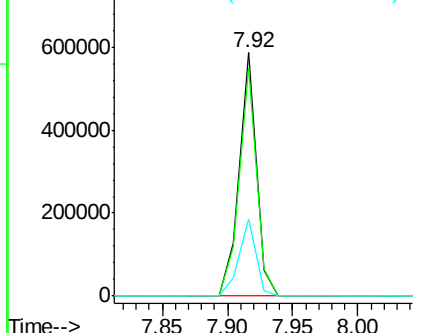


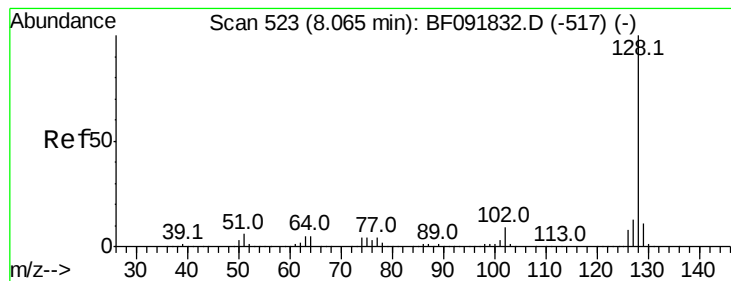
#30
1,2,4-Trichlorobenzene
Concen: 39.26 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:180 Resp: 534817
Ion Ratio Lower Upper
180 100
182 93.8 78.2 117.4
145 31.9 21.6 32.4



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





#31

Naphthalene

Concen: 43.18 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

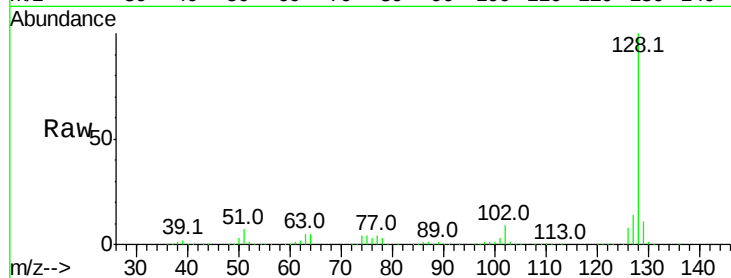
Tot Ion:128 Resp: 1851613

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

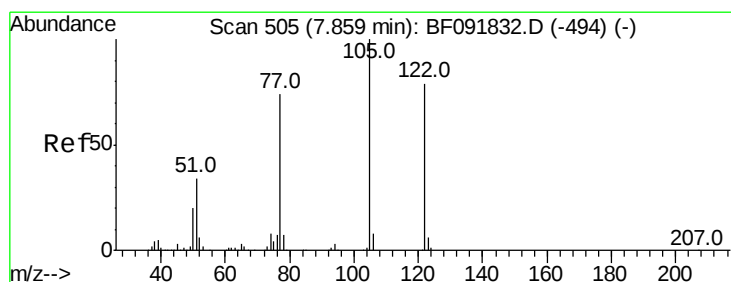
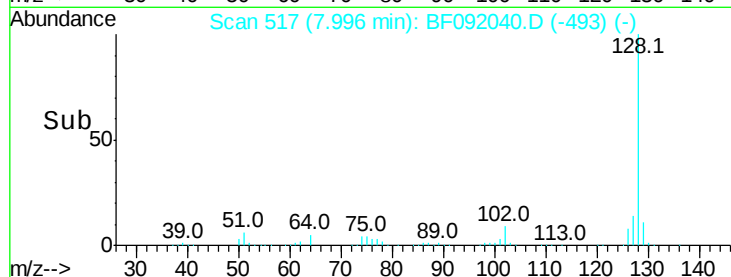
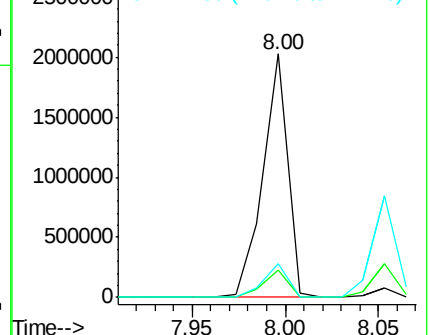
127 13.7 10.8 16.2



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: 40.66 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

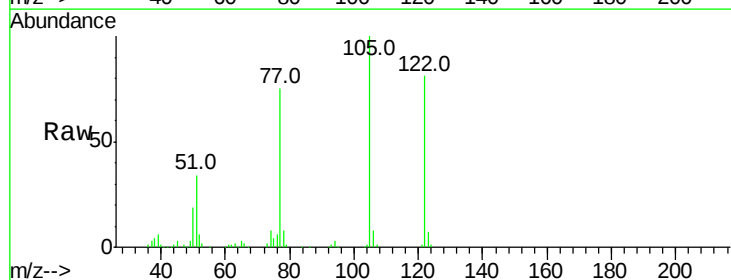
Tgt Ion:122 Resp: 442681

Ion Ratio Lower Upper

122 100

105 123.9 107.2 147.2

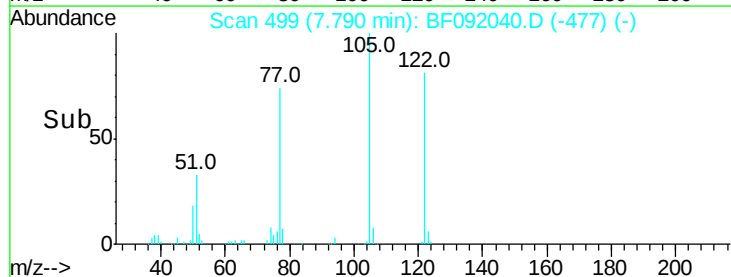
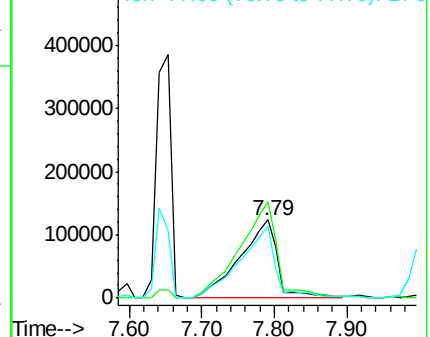
77 93.2 74.5 114.5

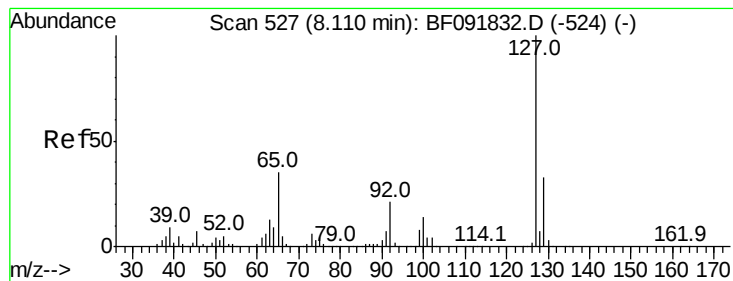


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

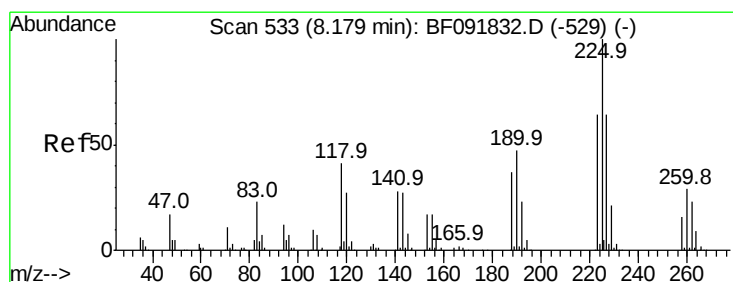
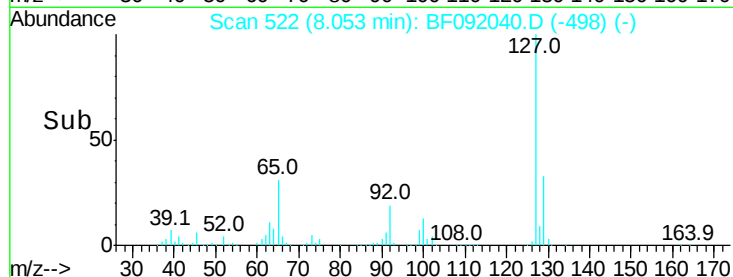
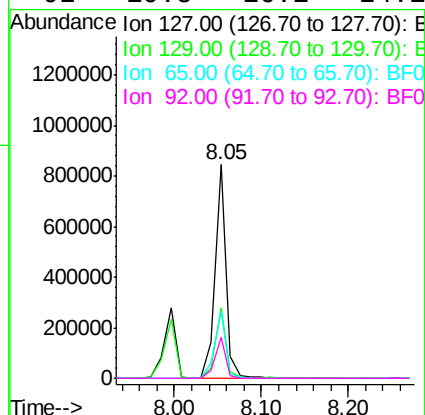
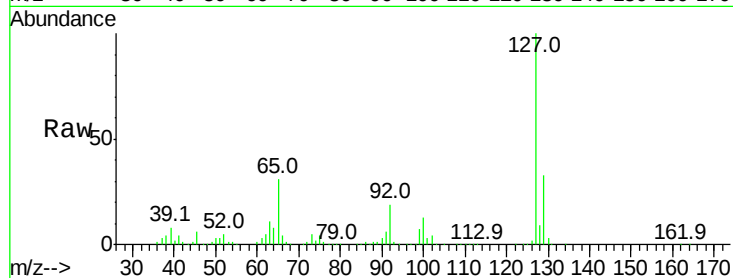




#33
4-Chloroaniline
Concen: 39.13 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

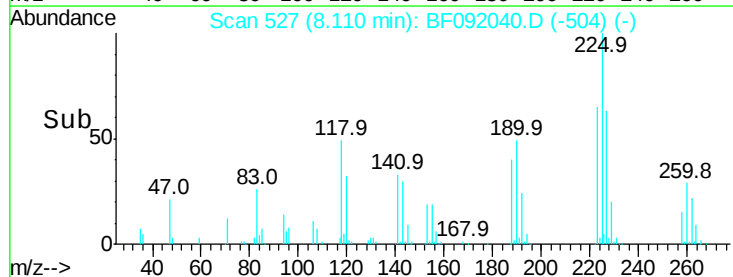
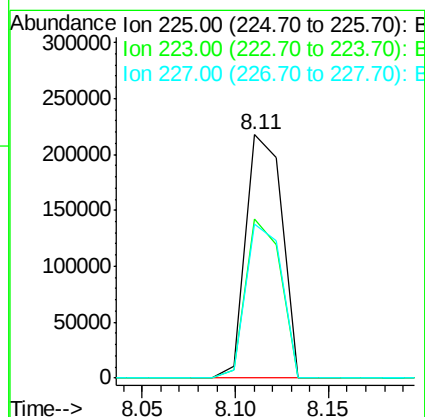
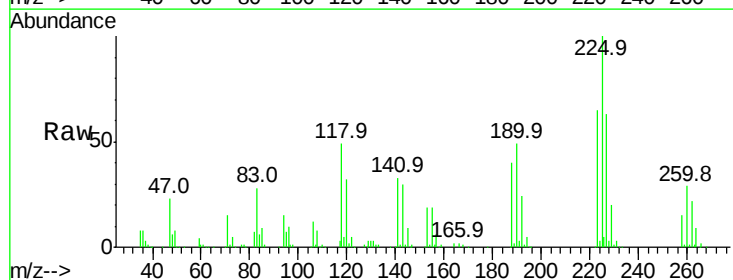
Instrument :
BNA_F
ClientSampleId :

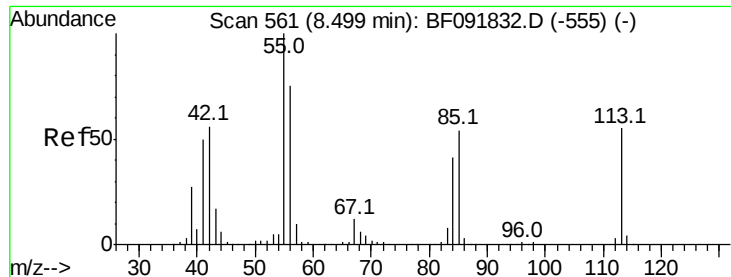
Tot Ion:	127	Resp:	756751
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	31.0	25.8	38.8
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.67 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:	225	Resp:	292451
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.6
227	63.4	50.6	76.0





#35

Caprolactam

Concen: 38.11 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

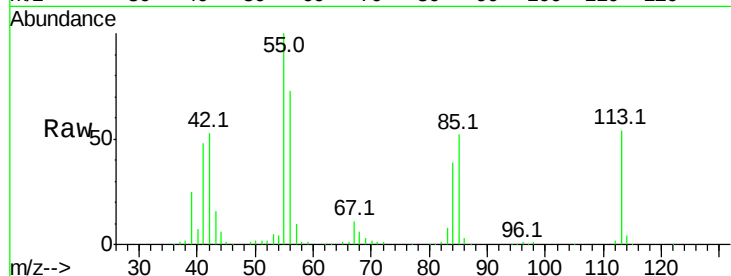
Tot Ion:113 Resp: 155689

Ion Ratio Lower Upper

113 100

55 185.5 119.2 159.2#

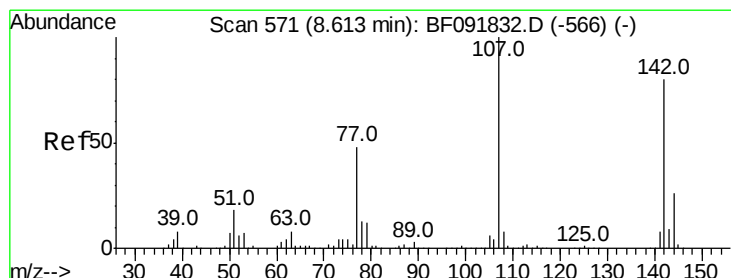
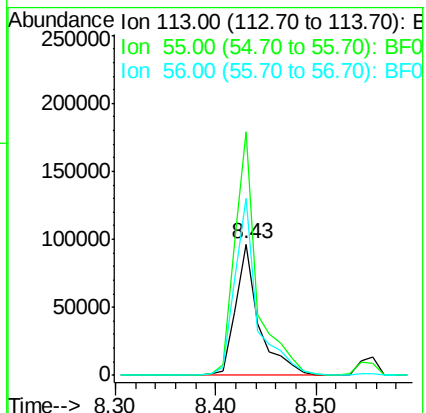
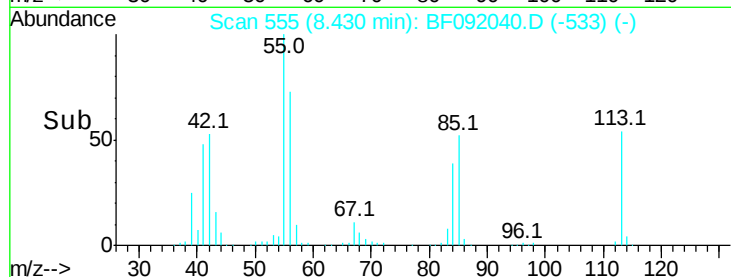
56 135.2 83.8 123.8#



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: 42.25 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

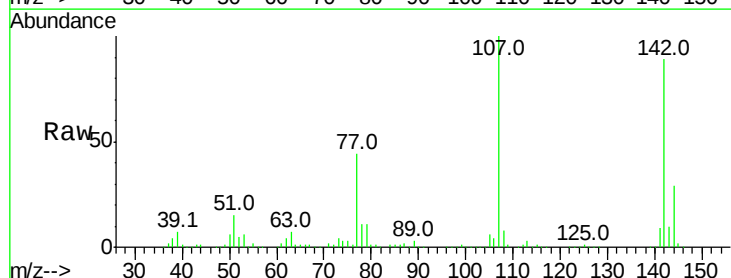
Tgt Ion:107 Resp: 604318

Ion Ratio Lower Upper

107 100

144 29.0 19.3 28.9#

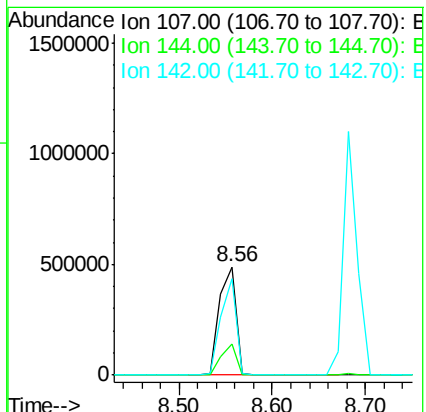
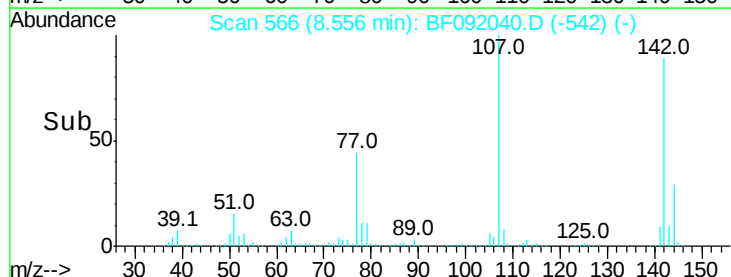
142 88.7 59.0 88.6#

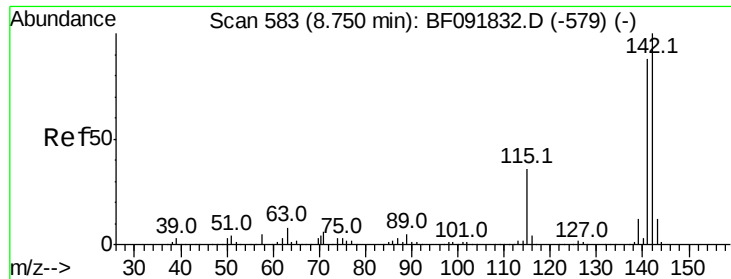


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

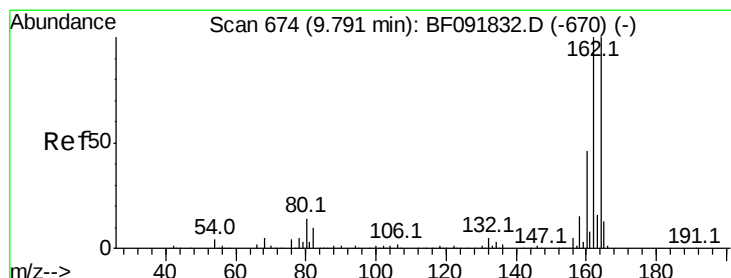
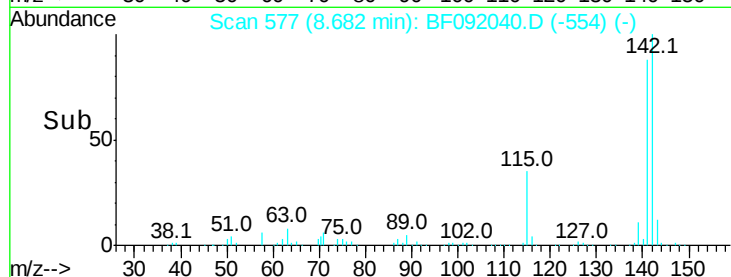
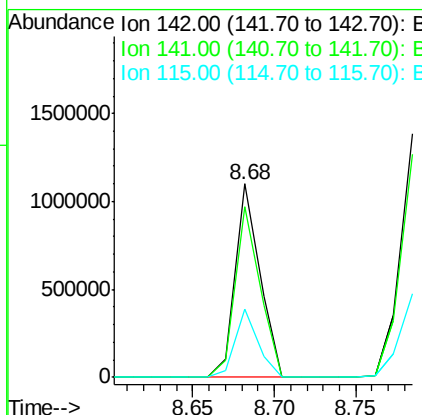
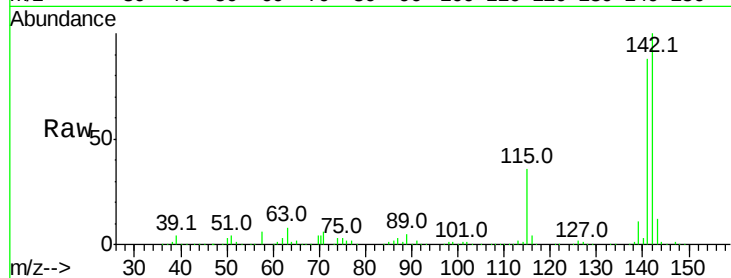




#37
2-Methylnaphthalene
Concen: 43.69 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

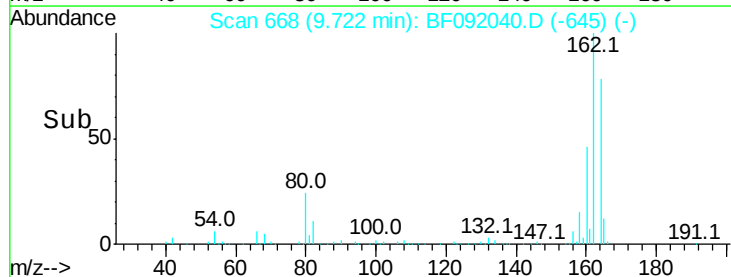
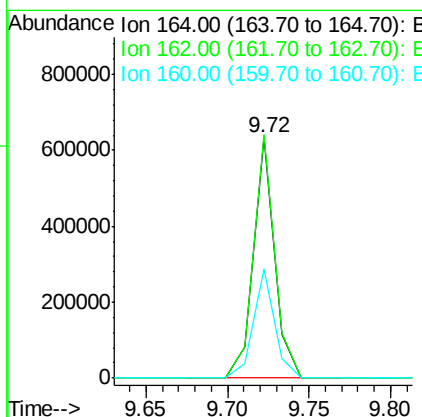
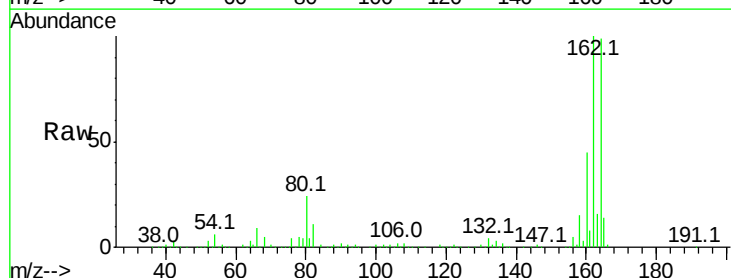
Instrument :
BNA_F
ClientSampleId :

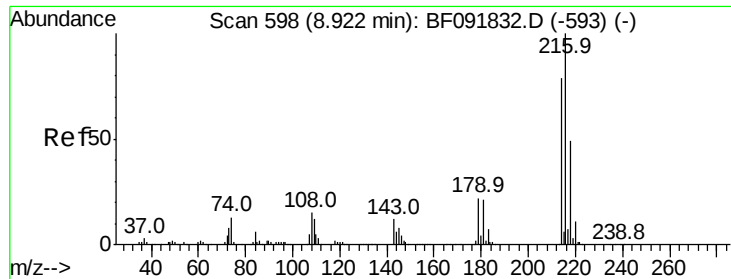
Tot Ion:142 Resp: 1147470
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 35.5 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:164 Resp: 571998
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 45.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.98 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 548928

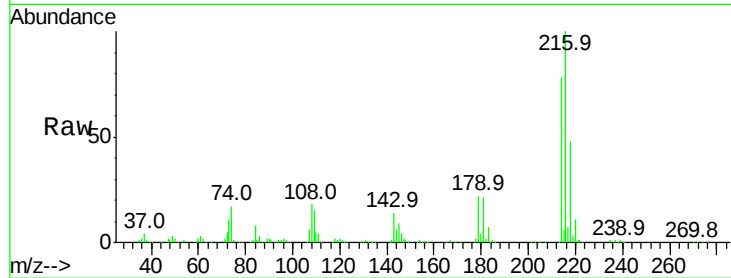
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 22.7 17.4 26.2

108 20.7 15.6 23.4

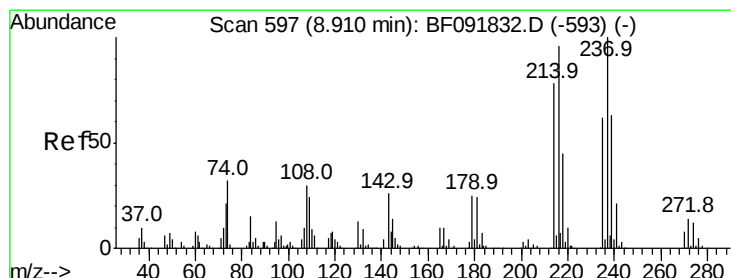
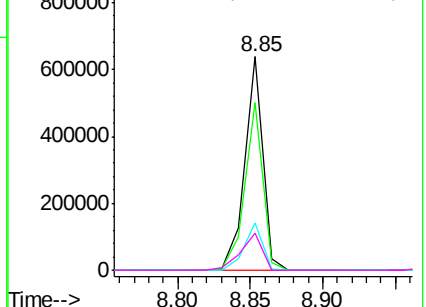
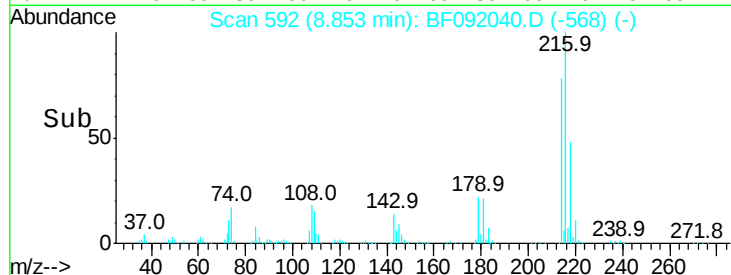


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.61 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

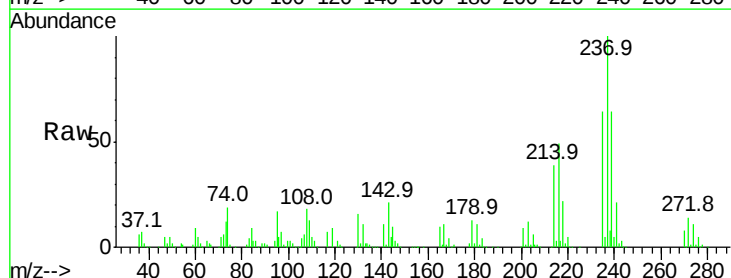
Tgt Ion:237 Resp: 220996

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

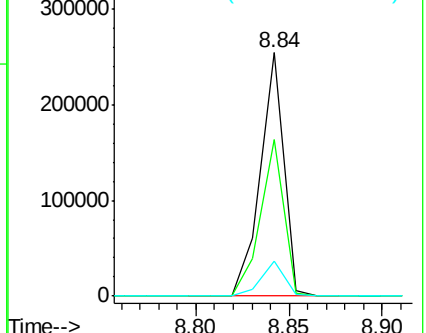
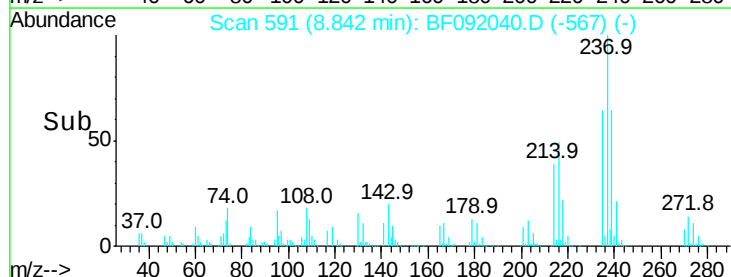
272 14.4 0.0 35.4

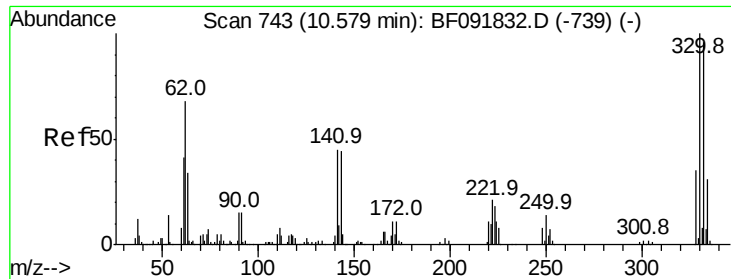


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

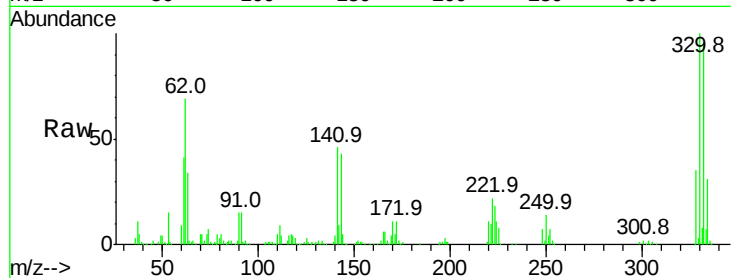




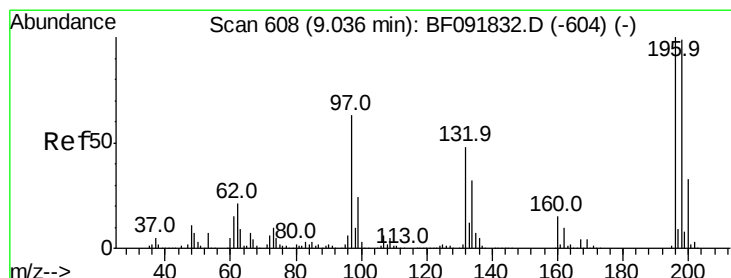
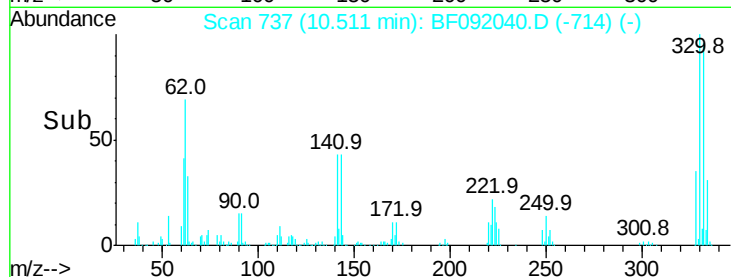
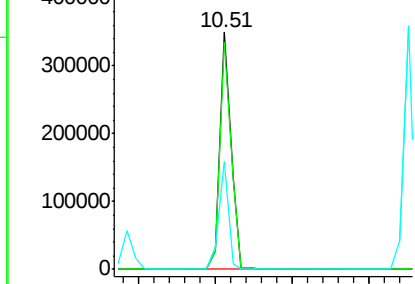
#41
 2,4,6-Tribromophenol
 Concen: 75.81 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	38.8	34.1	51.1

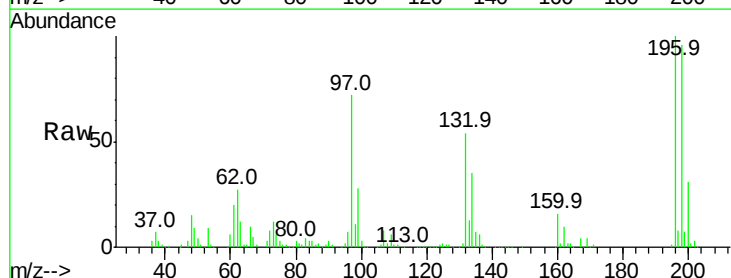


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

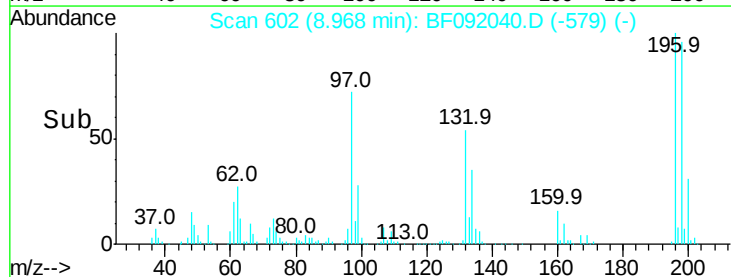
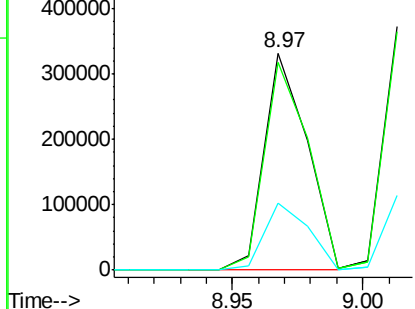


#42
 2,4,6-Trichlorophenol
 Concen: 37.62 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	82.1	123.1
200	30.9	27.0	40.4



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

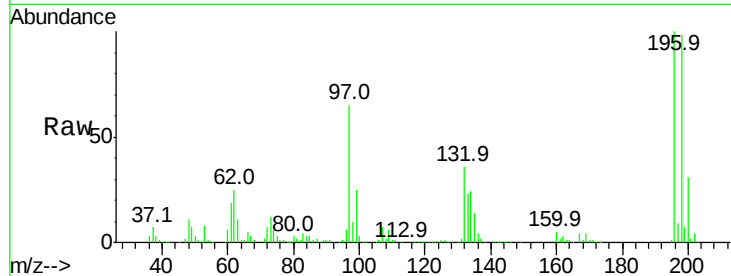




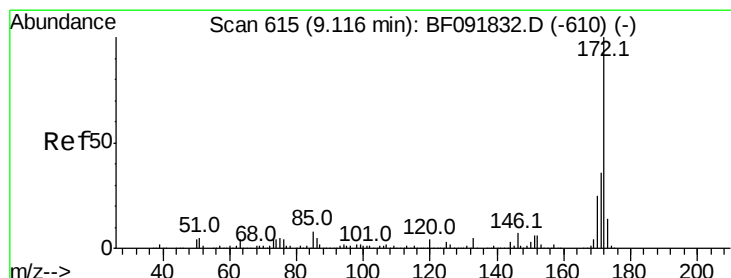
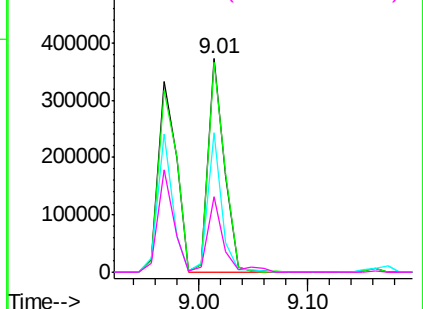
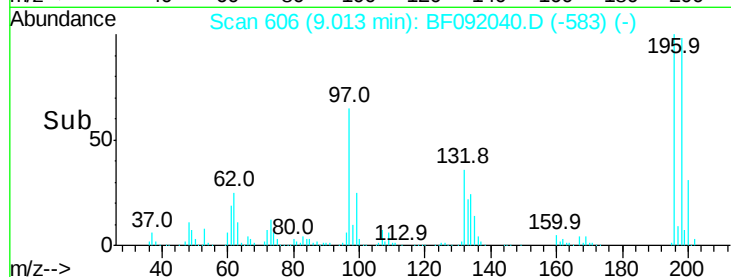
#43
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	388609
Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.4	119.2
97	65.4	51.5	77.3
132	35.6	27.4	41.2

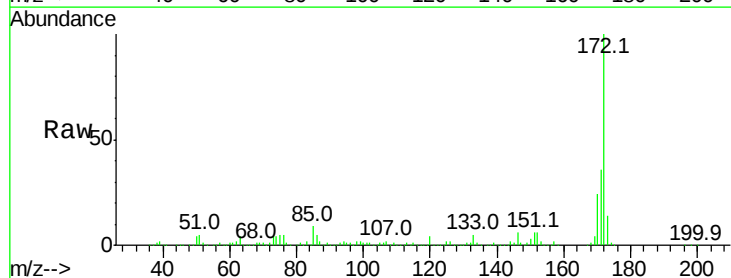


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

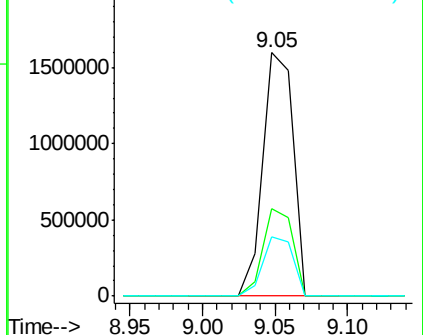
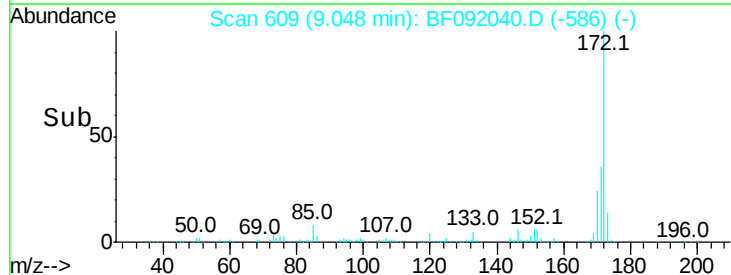


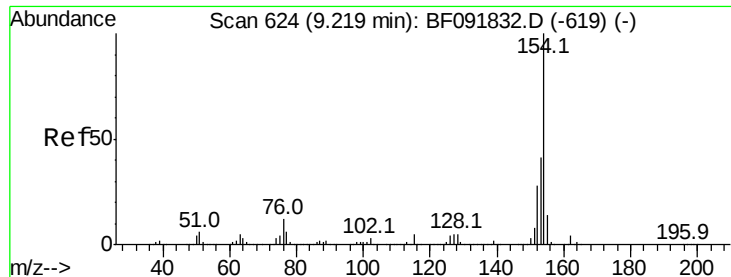
#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:	172	Resp:	2313185
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.4	20.2	30.4



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: 39.42 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

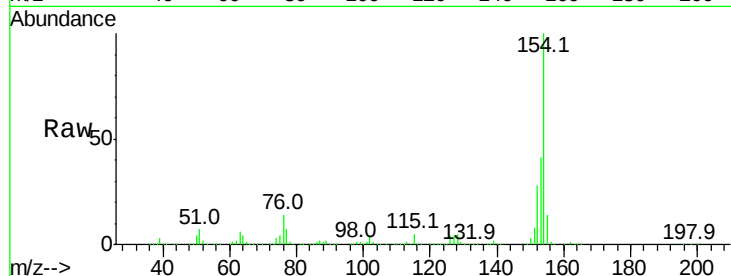
Tot Ion:154 Resp: 1543704

Ion Ratio Lower Upper

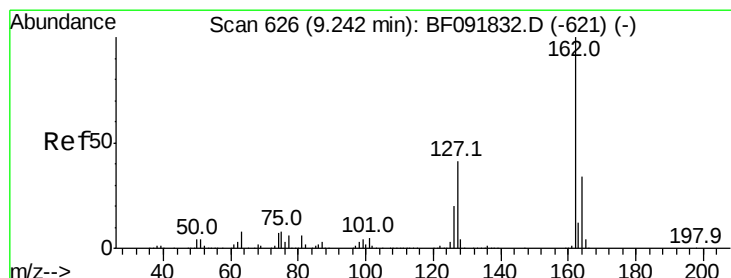
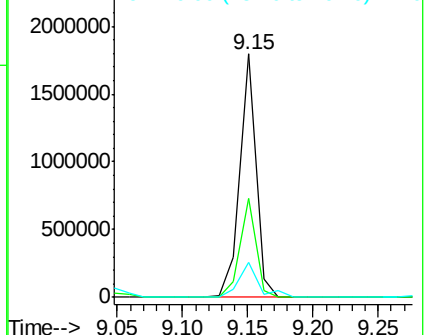
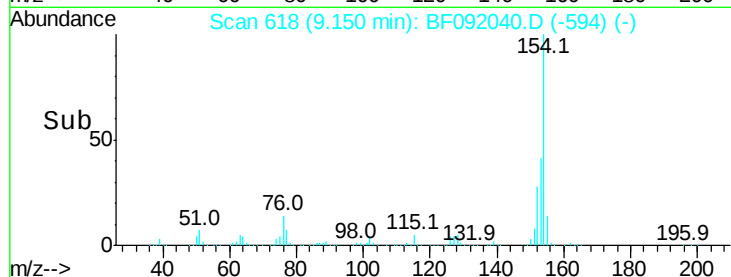
154 100

153 40.6 20.9 60.9

76 14.2 0.0 30.5



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: 40.60 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

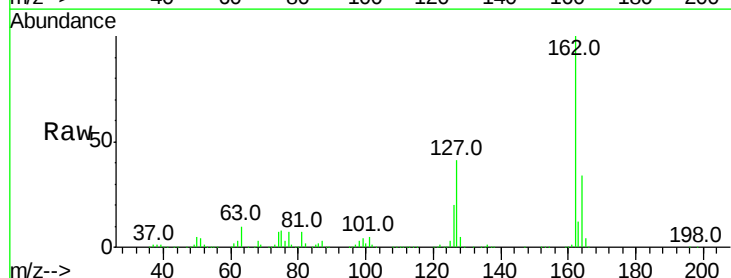
Tgt Ion:162 Resp: 1259215

Ion Ratio Lower Upper

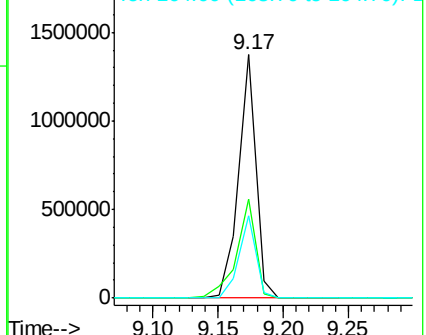
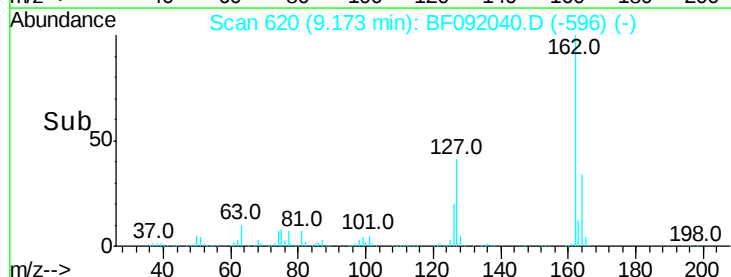
162 100

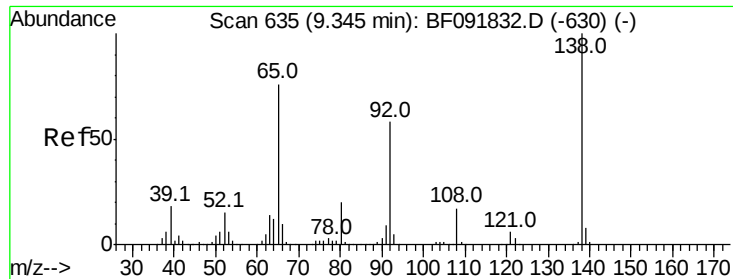
127 40.8 30.7 46.1

164 33.8 27.6 41.4



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

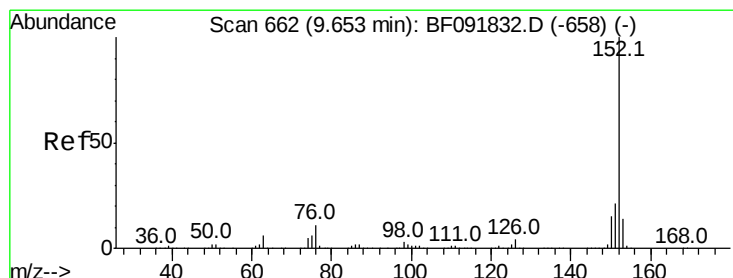
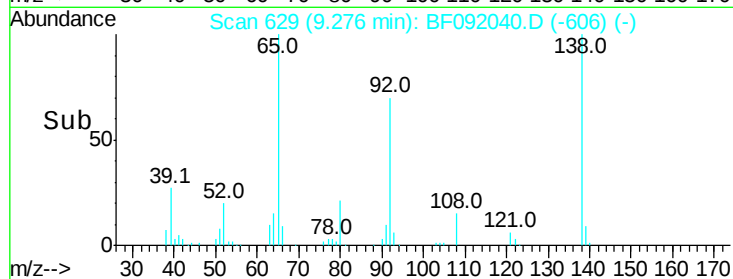
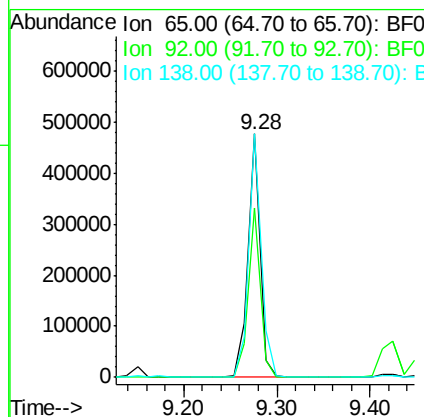
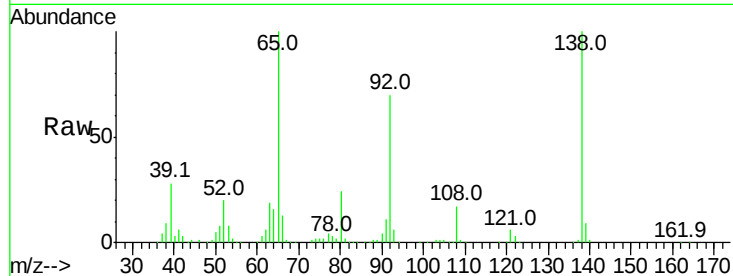




#47
2-Nitroaniline
Concen: 38.92 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

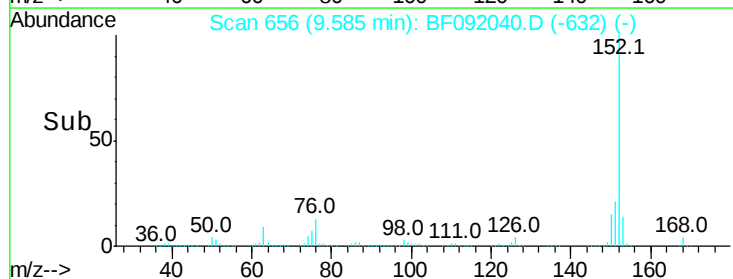
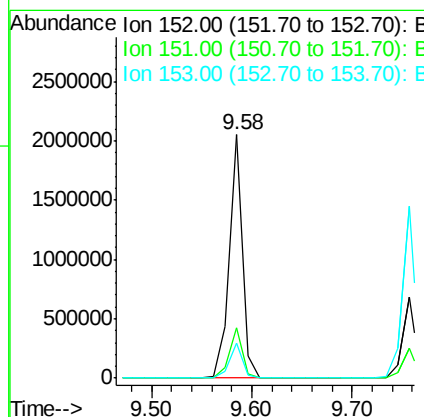
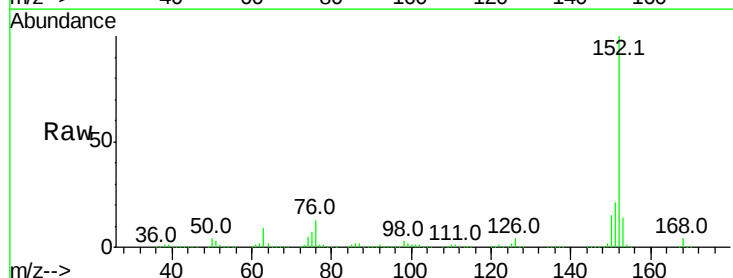
Instrument :
BNA_F
ClientSampleId :

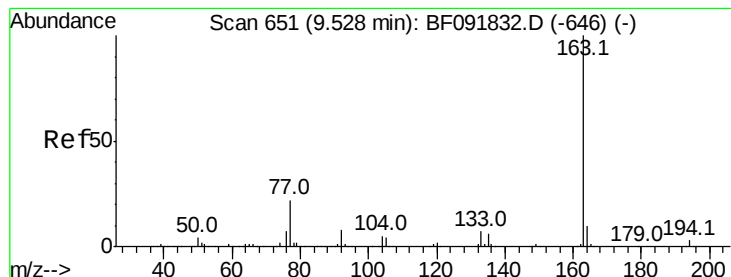
Tot Ion: 65 Resp: 429818
Ion Ratio Lower Upper
65 100
92 69.7 53.9 80.9
138 100.0 76.8 115.2



#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:152 Resp: 1854489
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 39.19 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

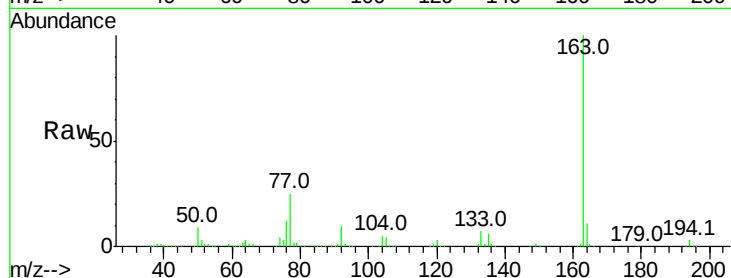
Tot Ion:163 Resp: 1433901

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

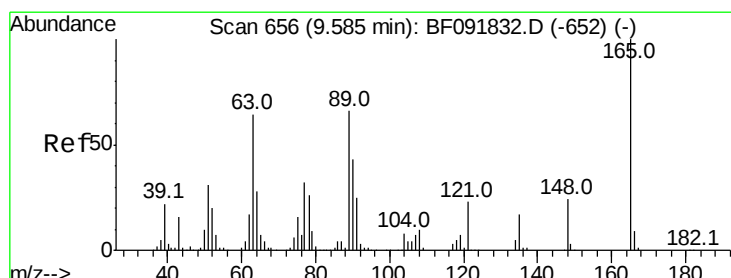
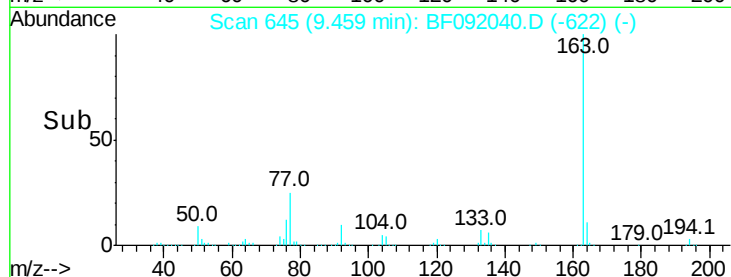
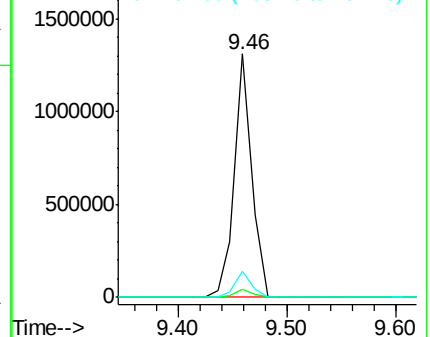
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.51 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

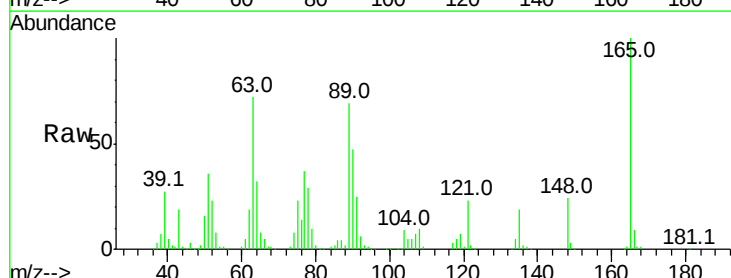
Tgt Ion:165 Resp: 332368

Ion Ratio Lower Upper

165 100

63 71.6 36.2 54.4#

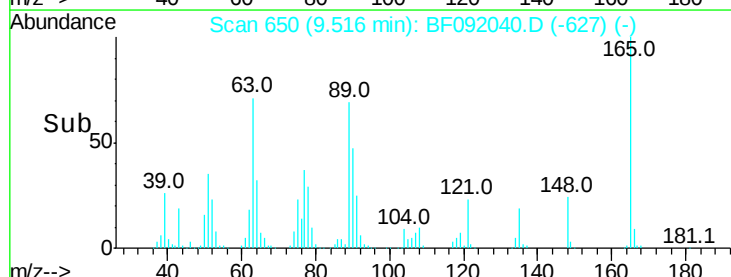
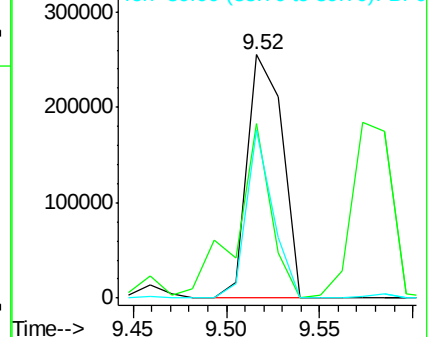
89 69.1 40.2 60.4#

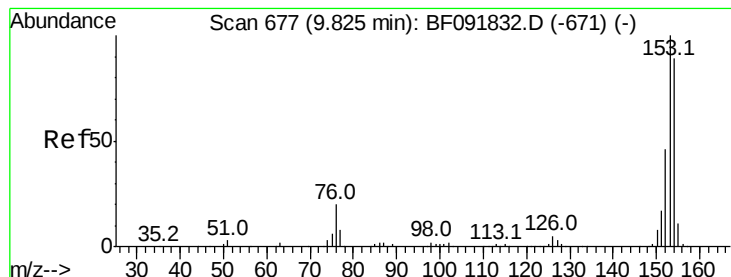


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.57 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

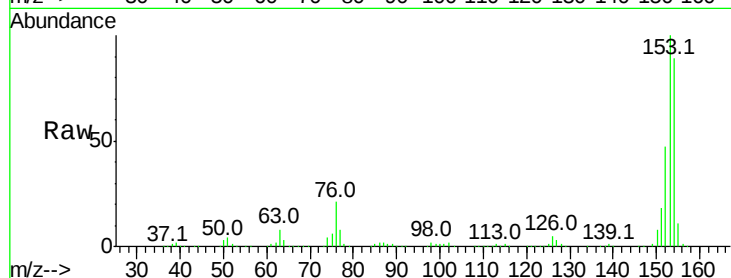
Tot Ion:154 Resp: 1182658

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

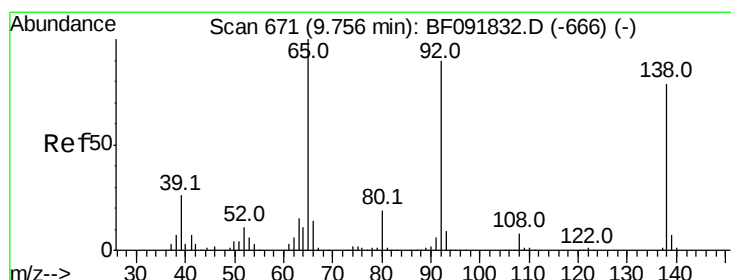
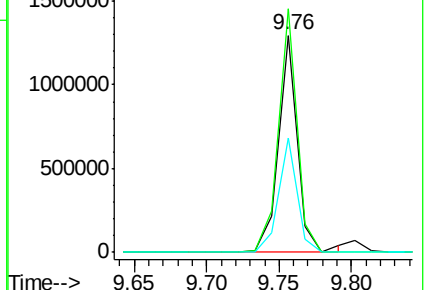
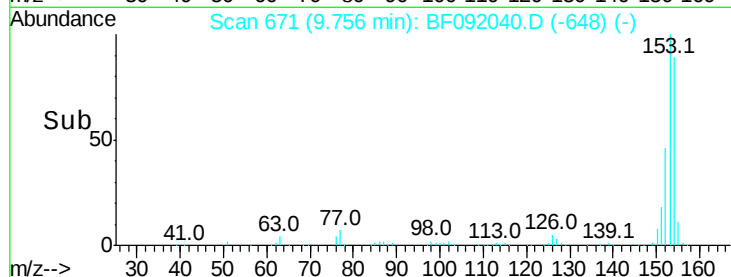
152 52.5 41.6 62.4



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: 38.37 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

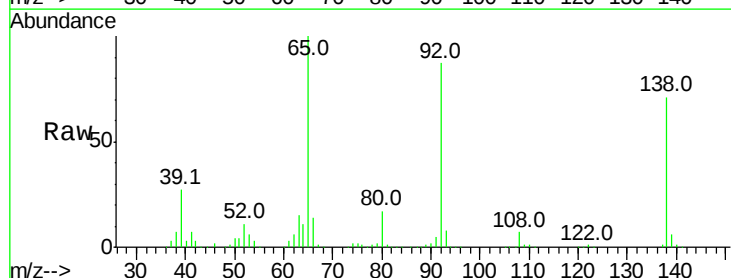
Tgt Ion:138 Resp: 380202

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

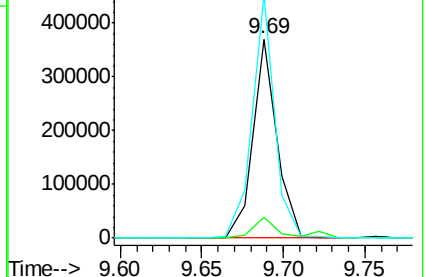
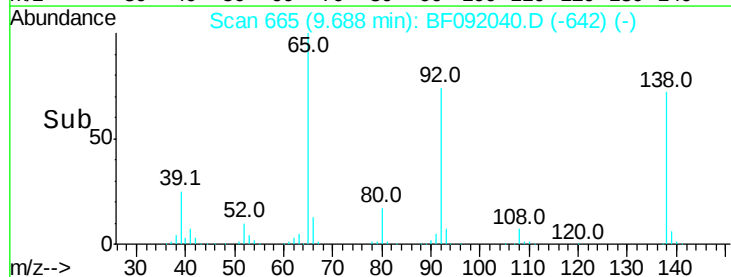
92 122.2 97.8 146.8

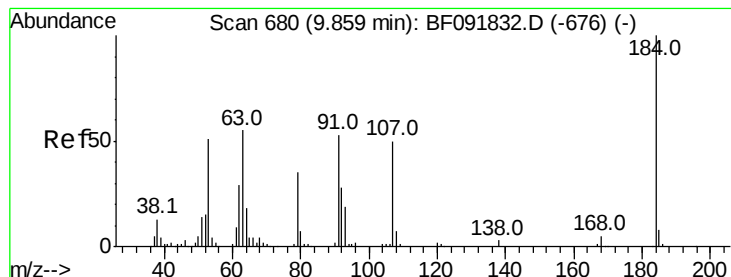


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 36.45 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

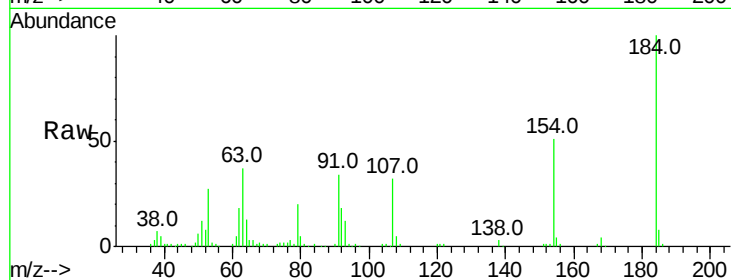
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 162389

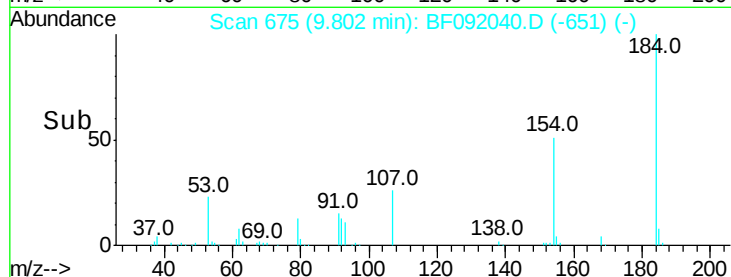
Ion	Ratio	Lower	Upper
184	100		
63	37.5	28.4	42.6
154	51.0	44.3	66.5



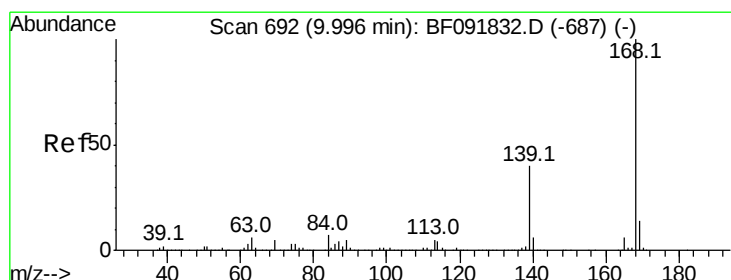
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 34.42 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

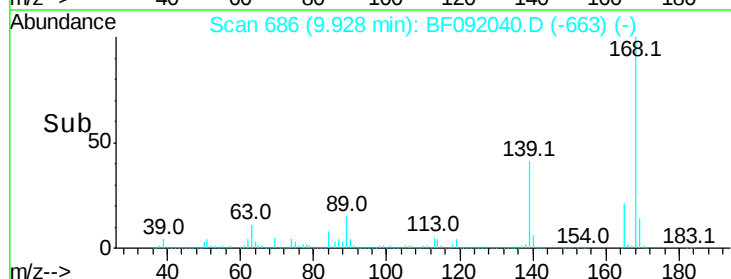
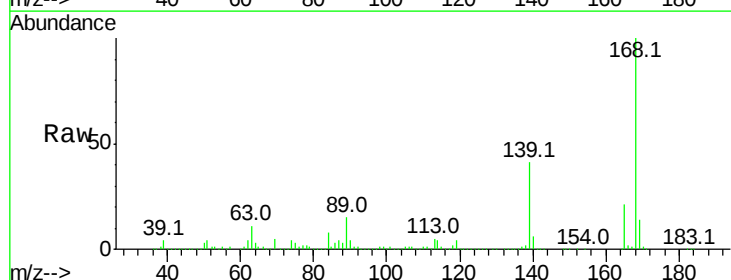
Tgt Ion:168 Resp: 1503413

Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.6	49.0
169	14.2	11.3	16.9

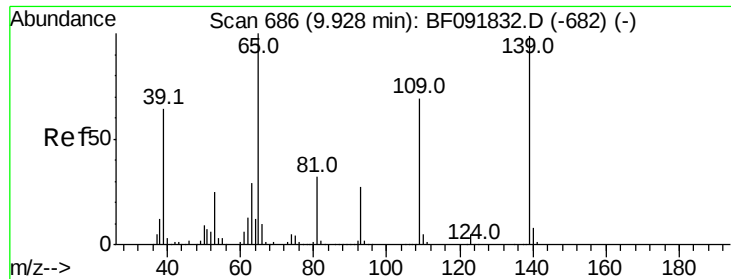
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#55

4-Nitrophenol

Concen: 42.24 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

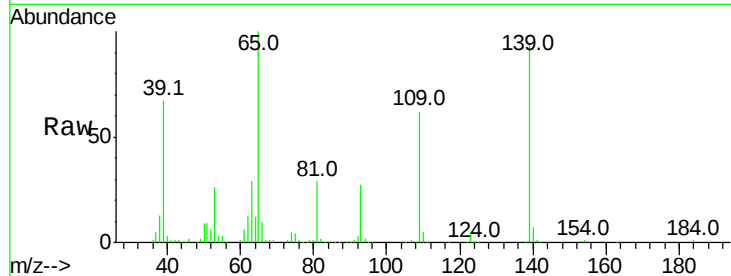
Tot Ion:139 Resp: 284216

Ion Ratio Lower Upper

139 100

109 65.9 52.2 92.2

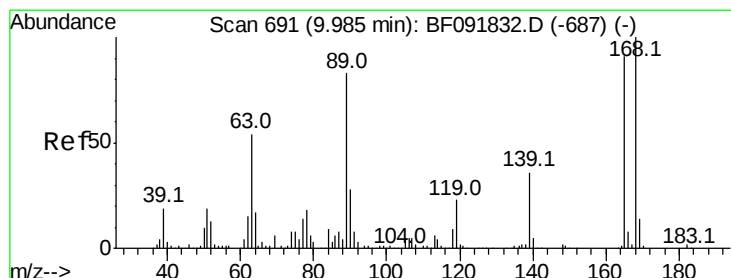
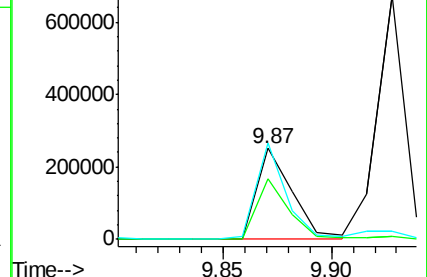
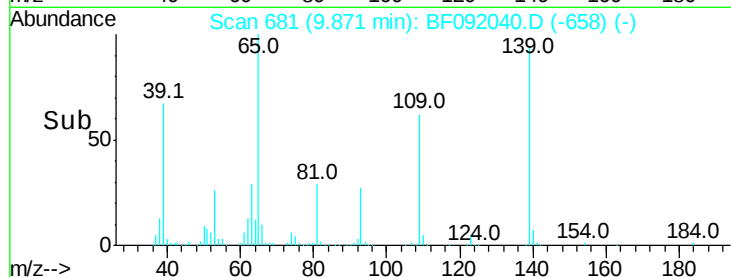
65 106.6 85.8 125.8



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: 41.70 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:165 Resp: 419091

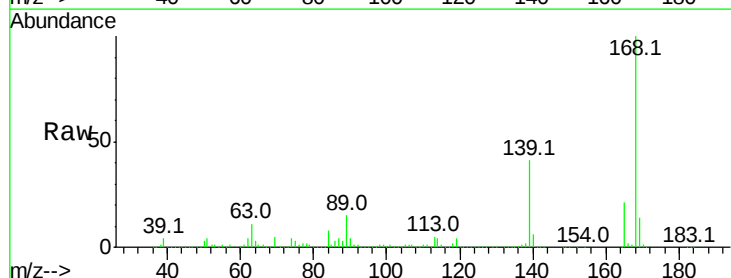
Ion Ratio Lower Upper

165 100

63 52.6 40.2 60.4

89 69.5 62.5 93.7

182 2.2 1.8 2.8

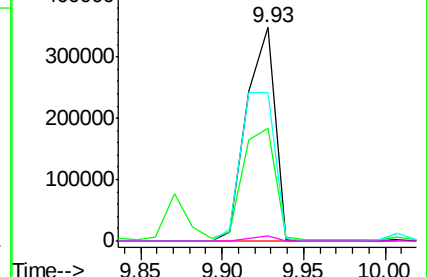
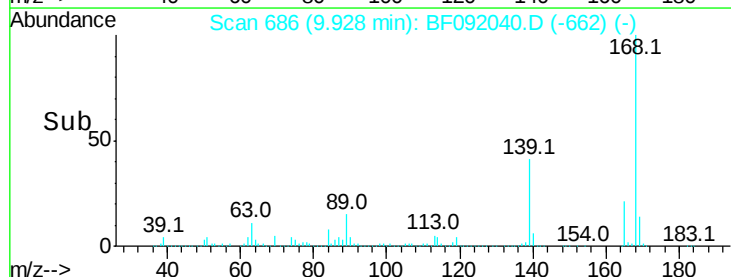


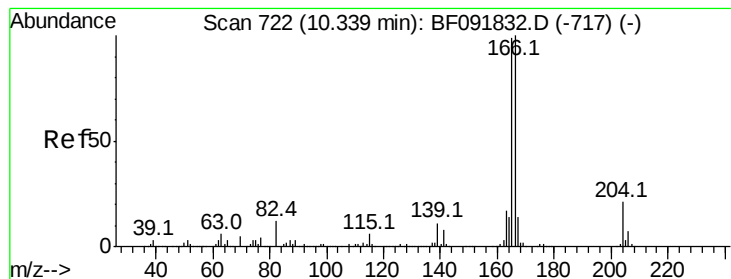
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.68 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

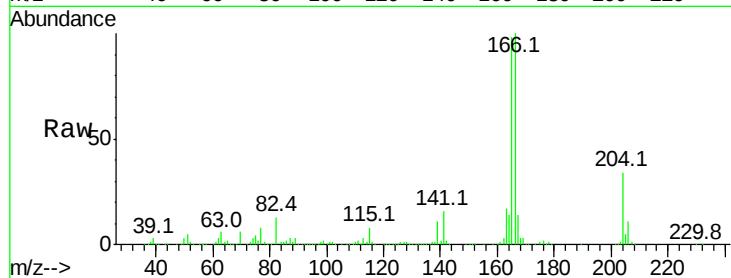
Tot Ion:166 Resp: 1260674

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

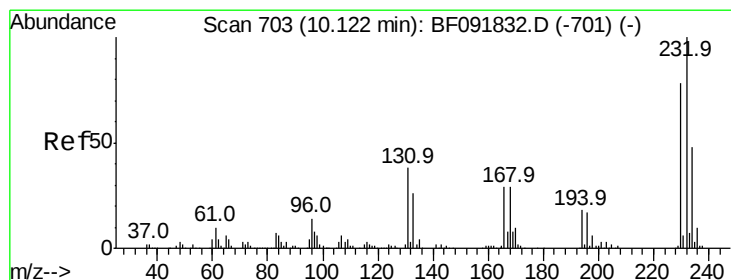
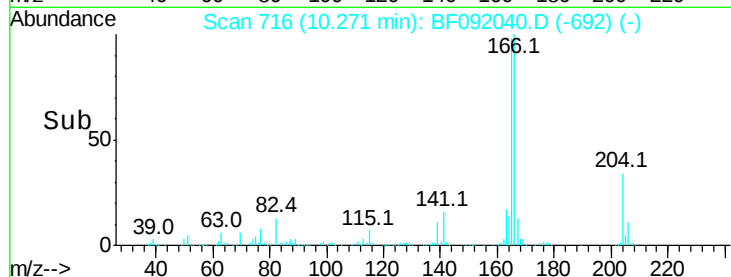
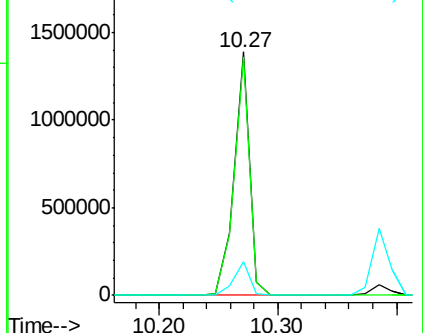
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.24 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion:232 Resp: 339253

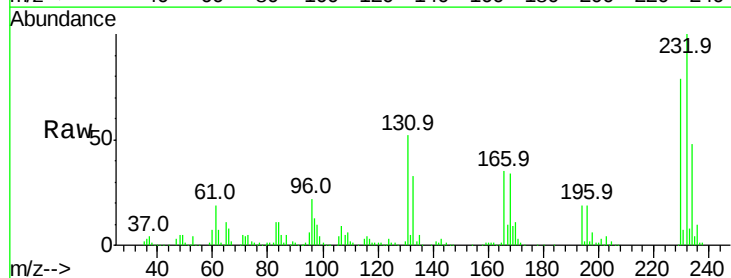
Ion Ratio Lower Upper

232 100

131 50.4 40.1 60.1

130 2.4 1.8 2.8

166 33.2 26.6 39.8

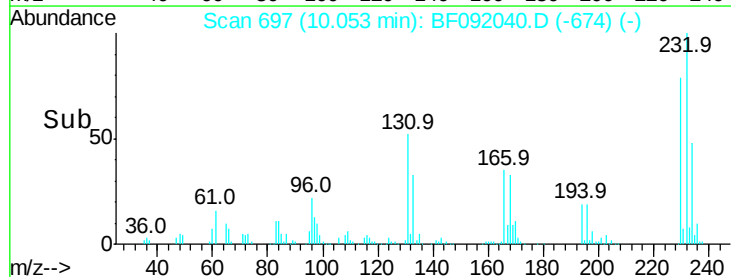
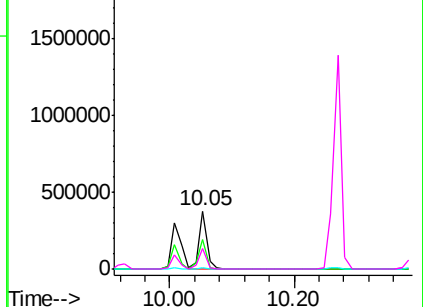


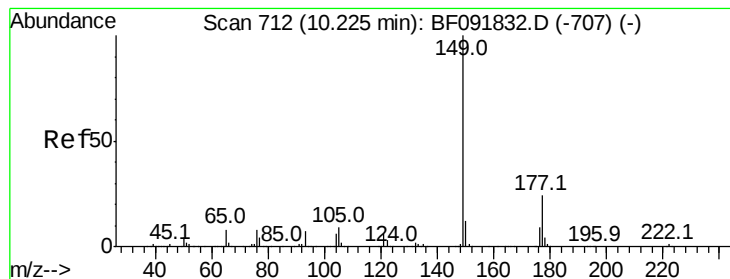
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.01 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

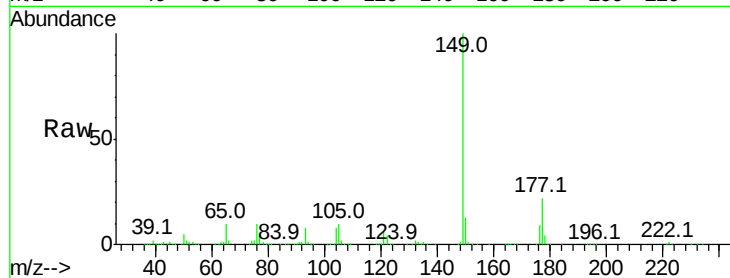
Tot Ion:149 Resp: 1421438

Ion Ratio Lower Upper

149 100

177 21.8 16.6 25.0

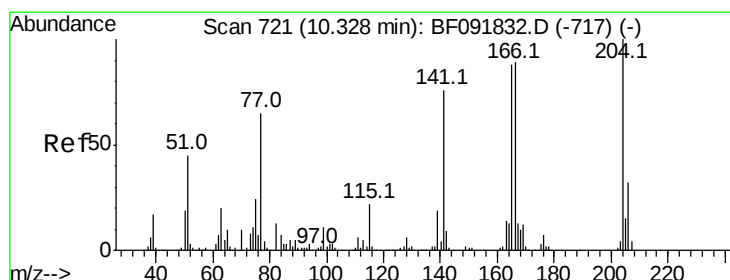
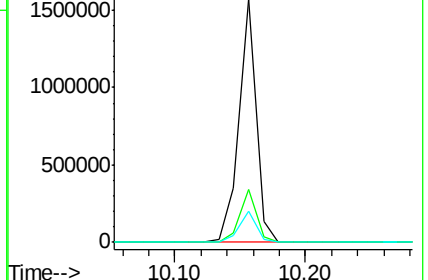
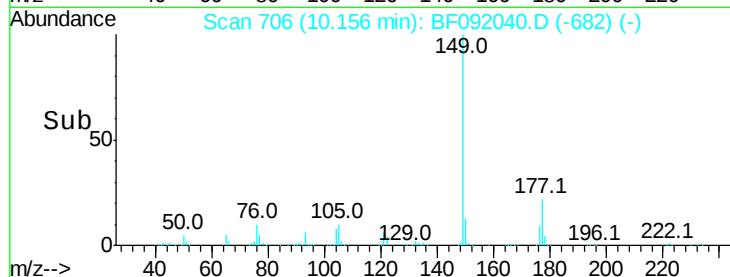
150 12.5 10.4 15.6



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: 40.80 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

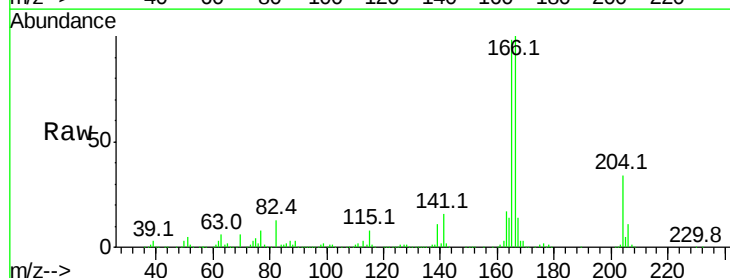
Tgt Ion:204 Resp: 567625

Ion Ratio Lower Upper

204 100

206 33.3 25.8 38.6

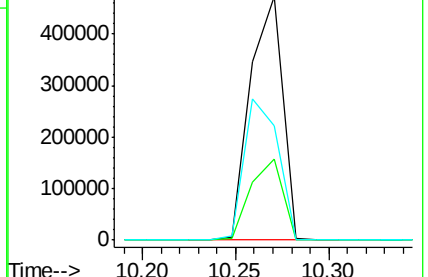
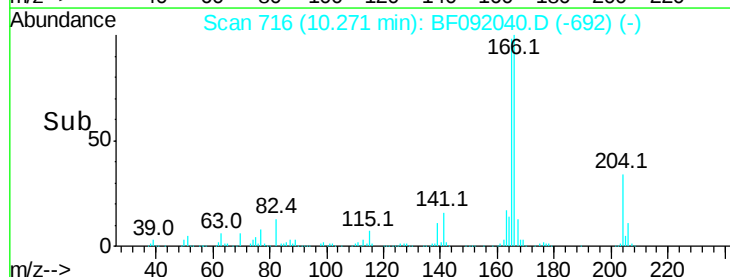
141 47.1 59.4 89.0#

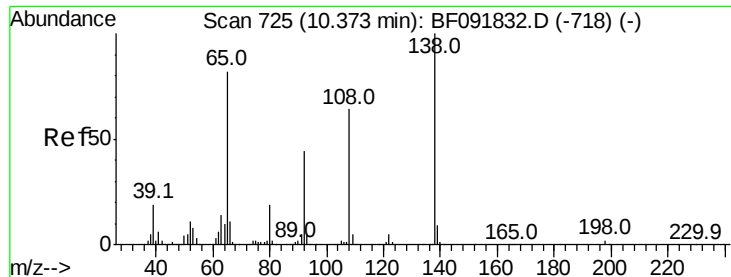


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.39 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :

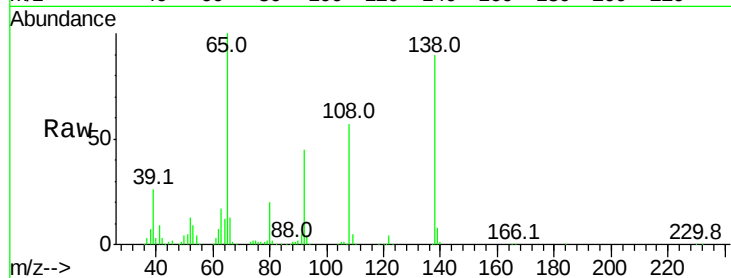
Tot Ion:138 Resp: 435309

Ion Ratio Lower Upper

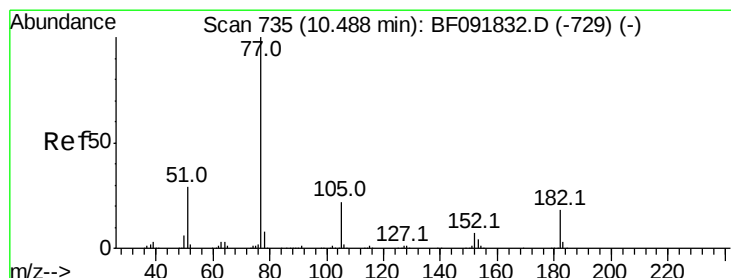
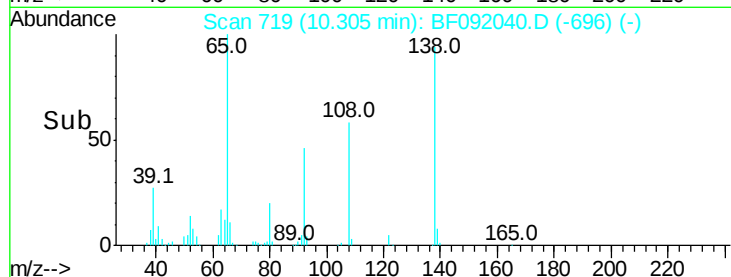
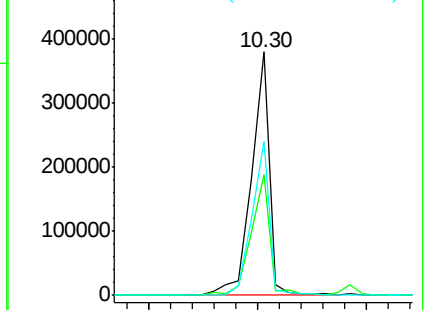
138 100

92 49.6 31.7 71.7

108 63.5 52.6 92.6



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: 41.38 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Tgt Ion: 77 Resp: 1618804

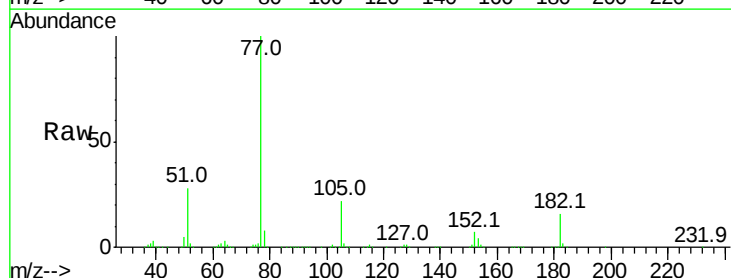
Ion Ratio Lower Upper

77 100

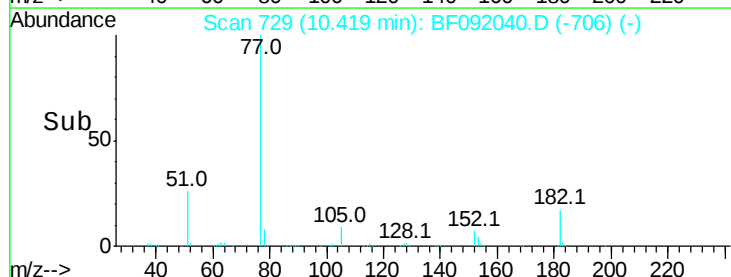
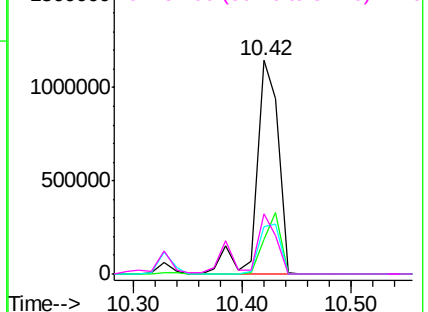
182 16.3 0.0 39.3

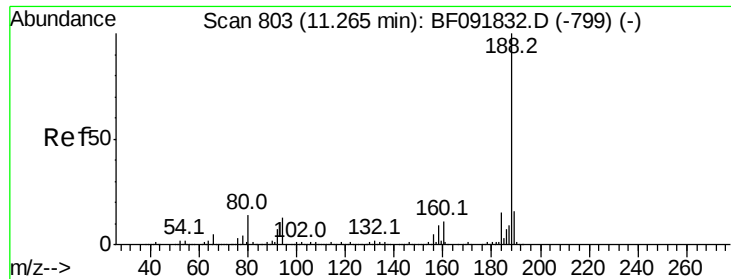
105 22.2 2.3 42.3

51 28.0 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

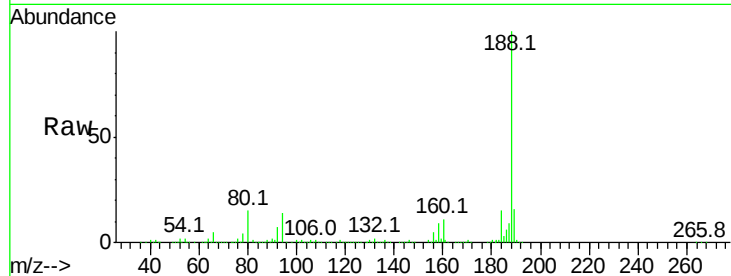
Tot Ion:188 Resp: 949297

Ion Ratio Lower Upper

188 100

94 13.9 10.0 15.0

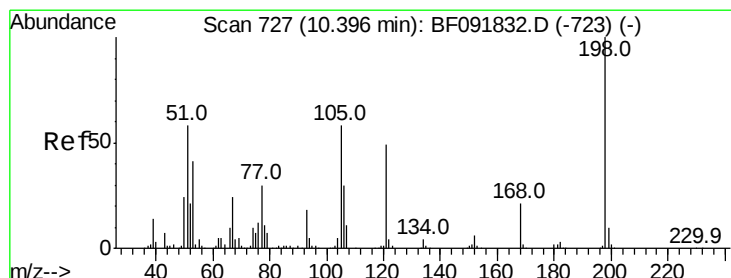
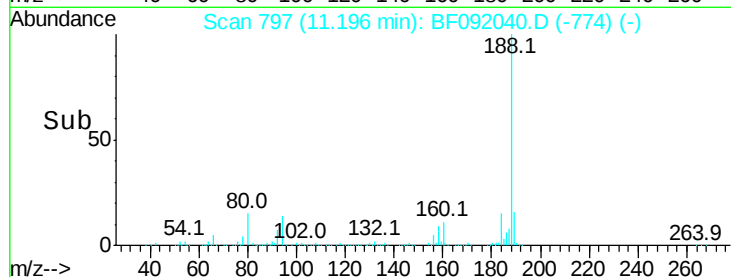
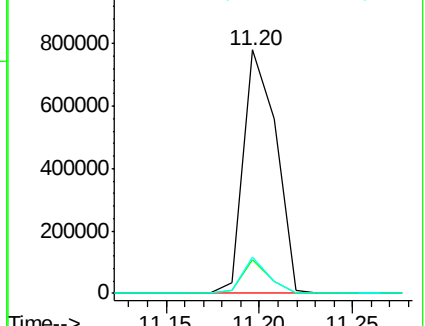
80 14.7 11.2 16.8



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: 43.53 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

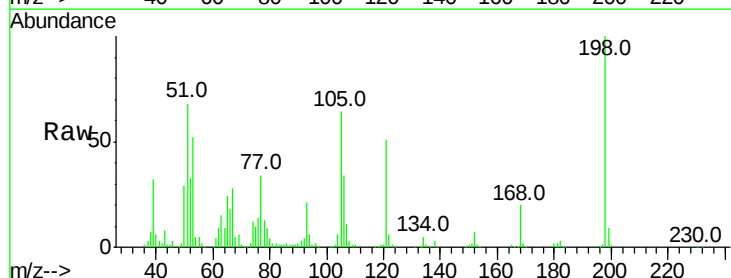
Tgt Ion:198 Resp: 249849

Ion Ratio Lower Upper

198 100

51 68.0 6.7 46.7#

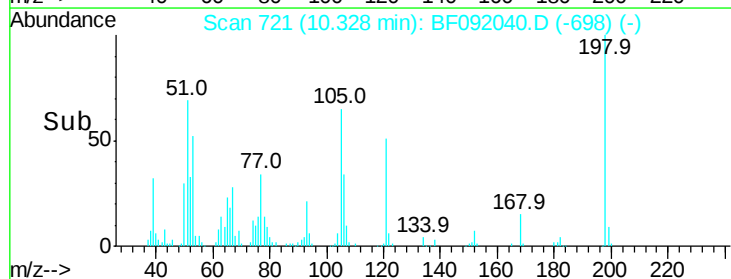
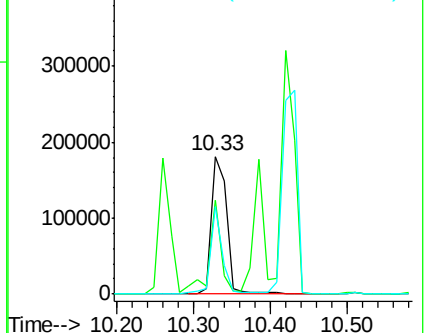
105 64.0 16.6 56.6#

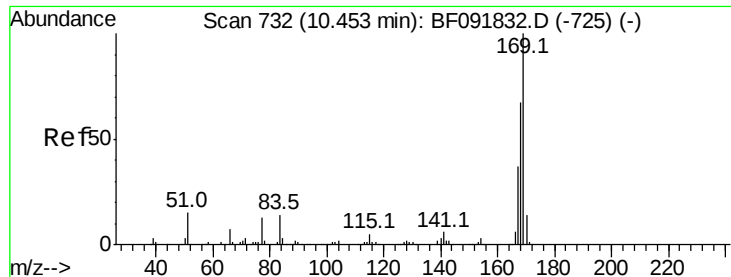


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.05 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

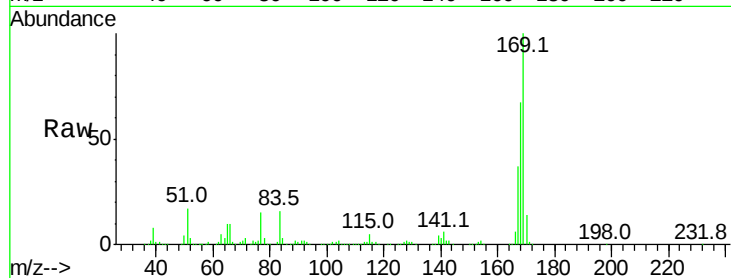
Tot Ion:169 Resp: 1071962

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

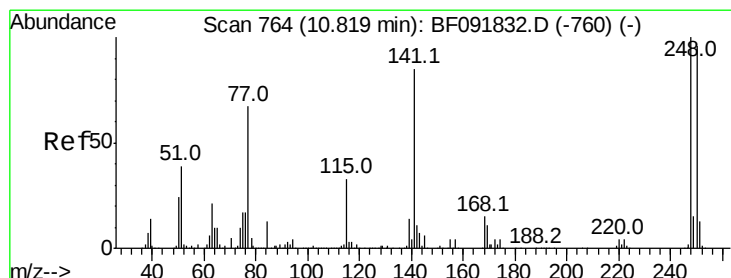
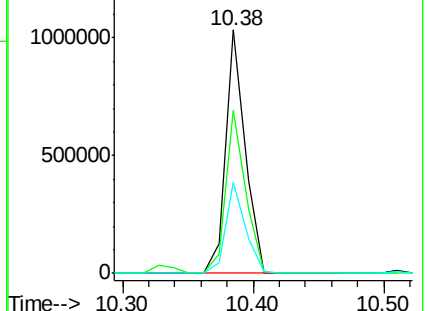
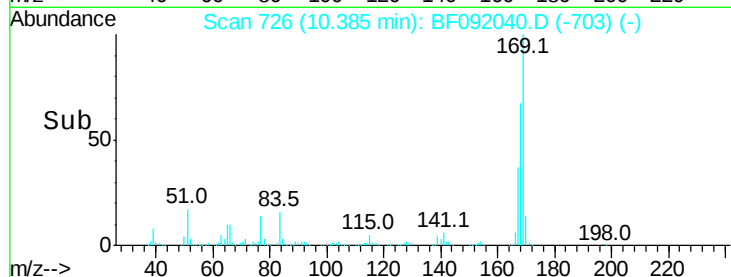
167 37.3 30.2 45.4



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: 37.92 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

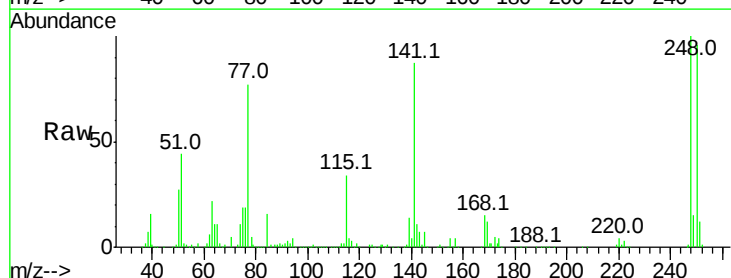
Tgt Ion:248 Resp: 374412

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

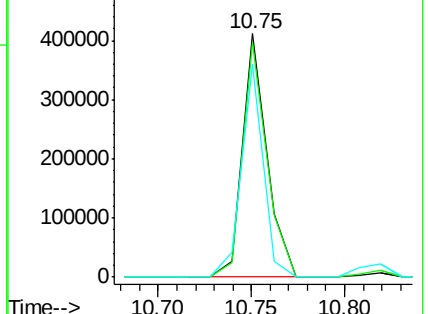
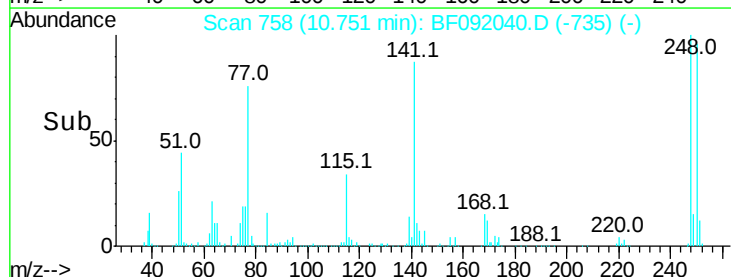
141 87.2 68.2 102.4

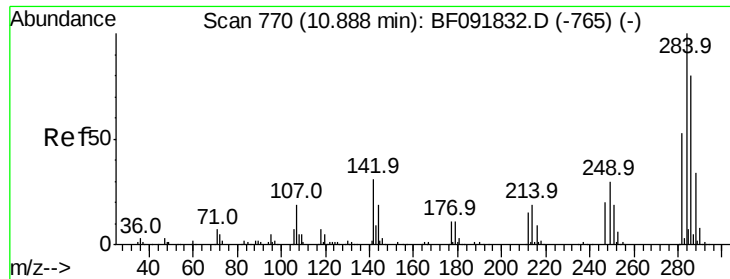


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

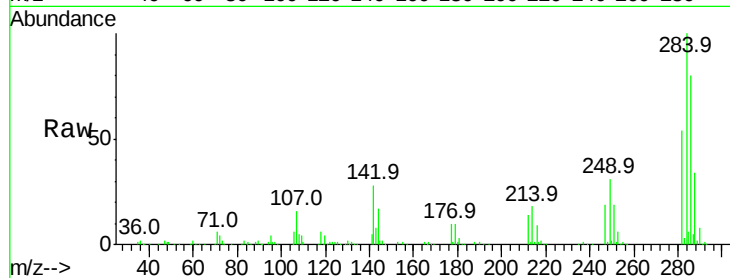




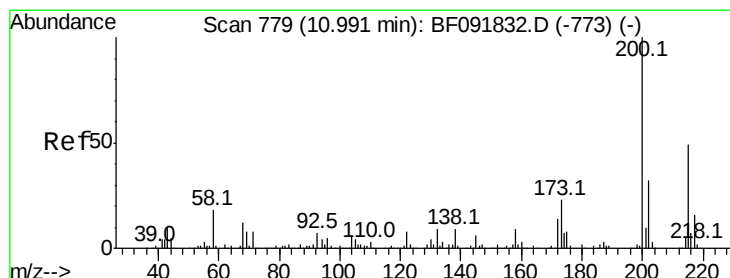
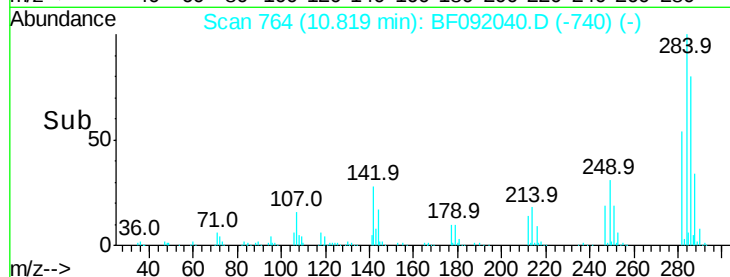
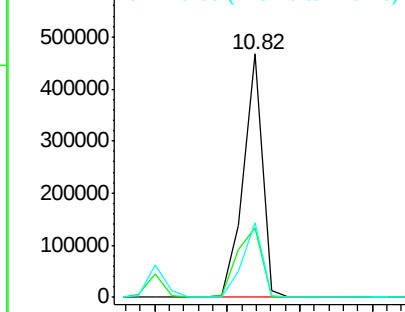
#67
Hexachlorobenzene
Concen: 40.50 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 427458
Ion Ratio Lower Upper
284 100
142 28.3 22.6 33.8
249 30.8 25.4 38.0

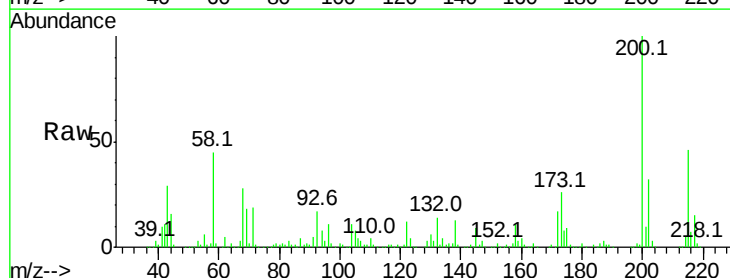


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

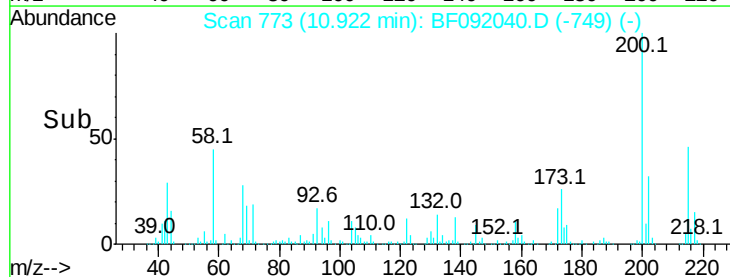
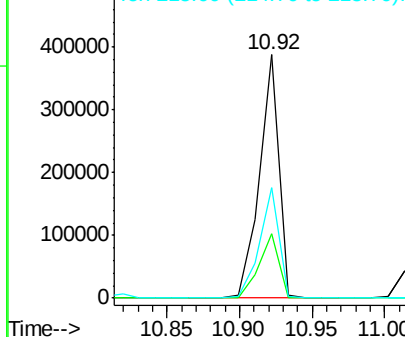


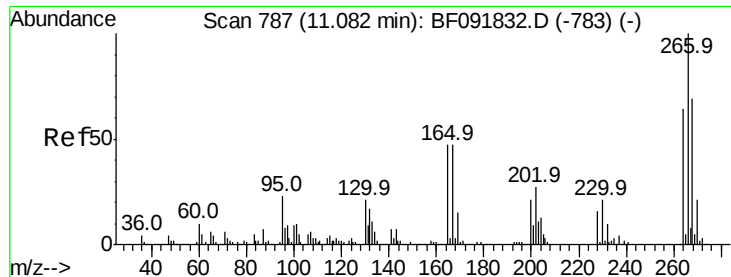
#68
Atrazine
Concen: 39.39 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:200 Resp: 357875
Ion Ratio Lower Upper
200 100
173 26.4 9.6 49.6
215 45.6 25.7 65.7



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

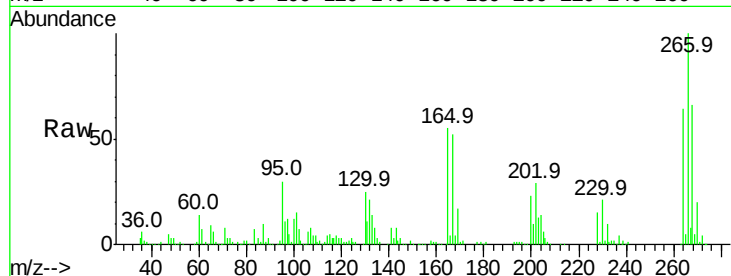




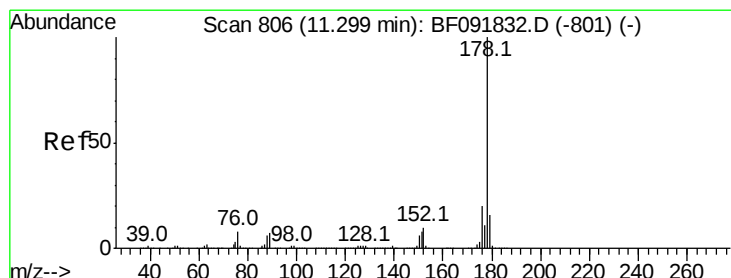
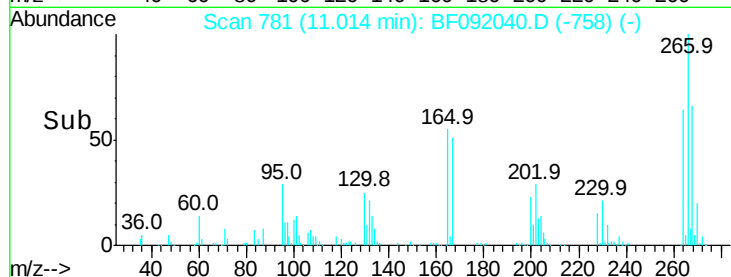
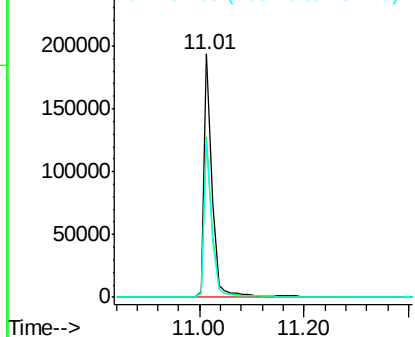
#69
 Pentachlorophenol
 Concen: 41.55 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 215194
 Ion Ratio Lower Upper
 266 100
 268 65.8 53.3 79.9
 264 64.4 50.3 75.5

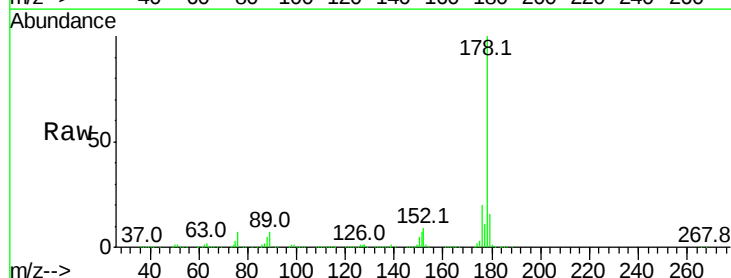


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

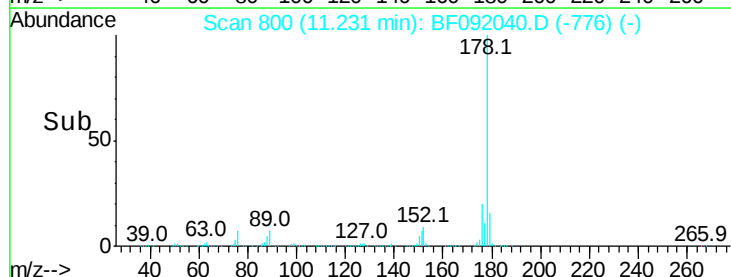
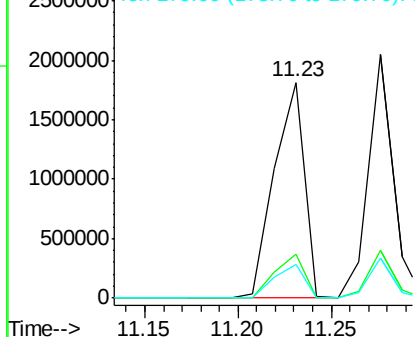


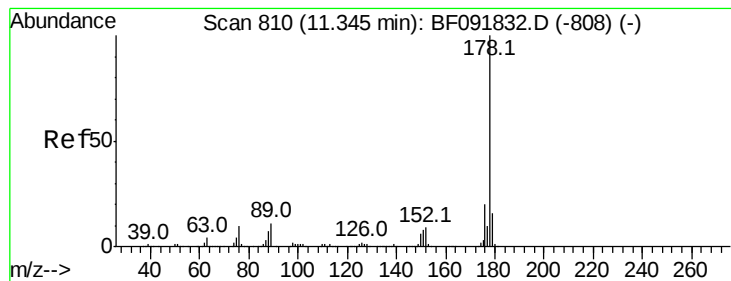
#70
 Phenanthrene
 Concen: 39.43 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:178 Resp: 2029390
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.8 12.8 19.2



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: 39.17 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

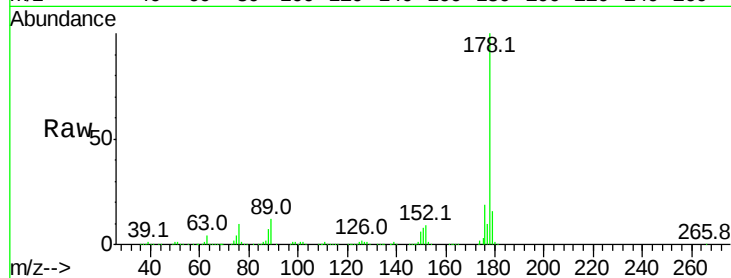
Tot Ion:178 Resp: 1867966

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

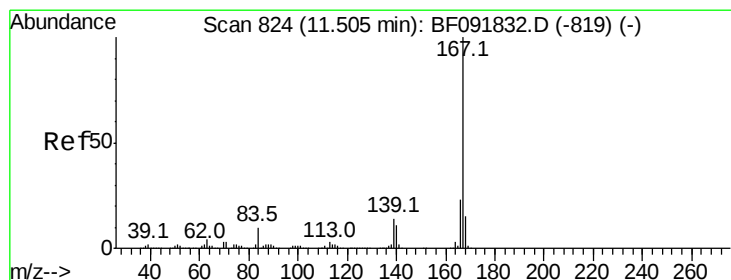
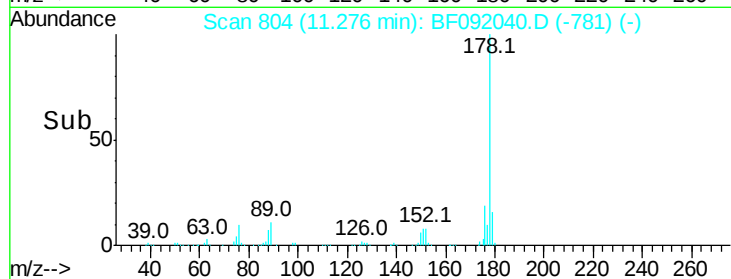
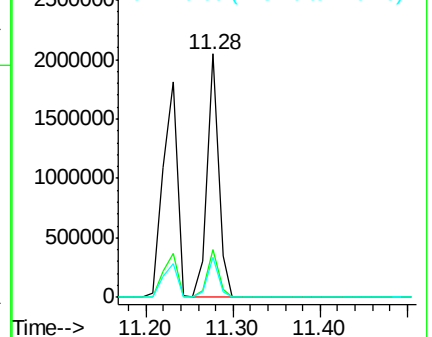
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.05 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

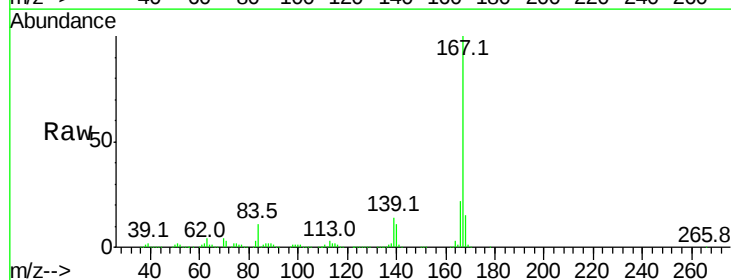
Tgt Ion:167 Resp: 1694020

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

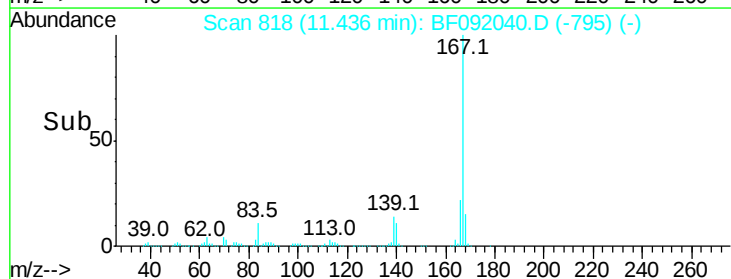
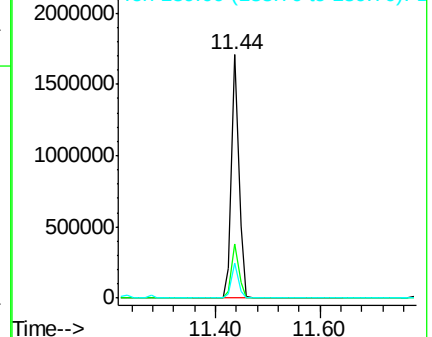
139 14.1 11.4 17.2

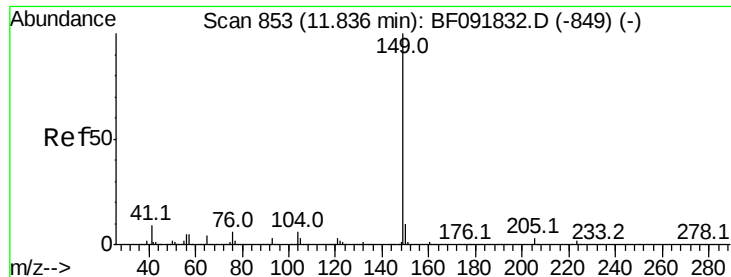


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.68 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

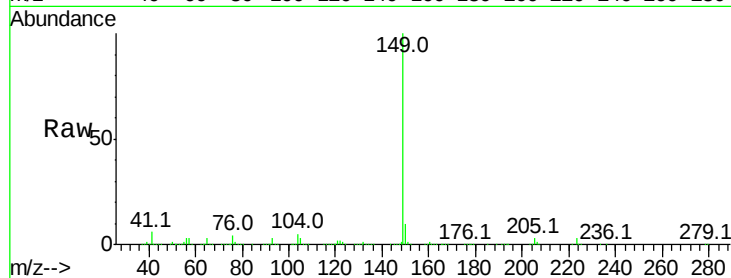
Tot Ion:149 Resp: 2357925

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

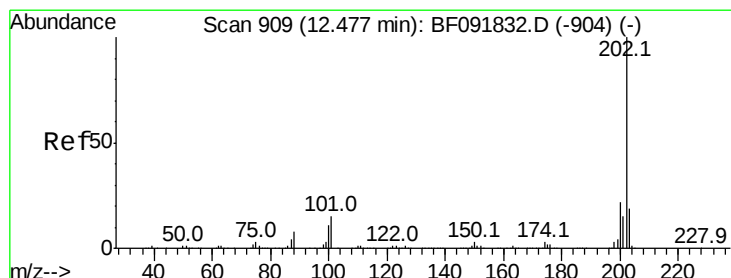
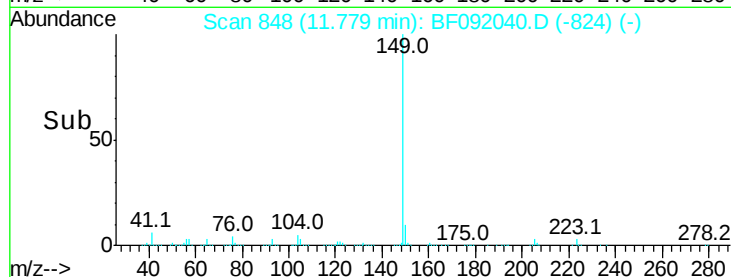
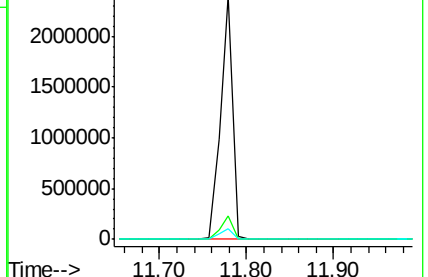
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.50 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

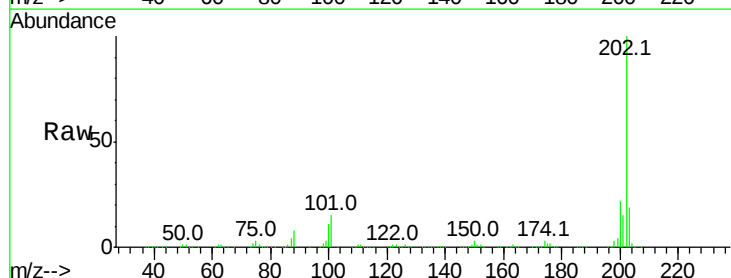
Tgt Ion:202 Resp: 1846296

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.6

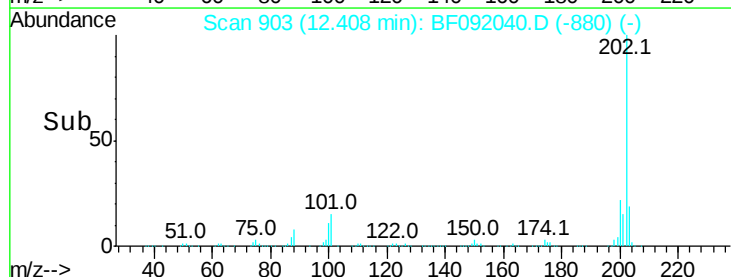
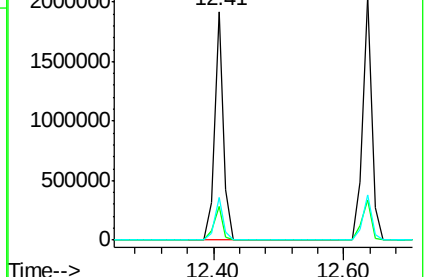
203 18.7 0.0 38.7

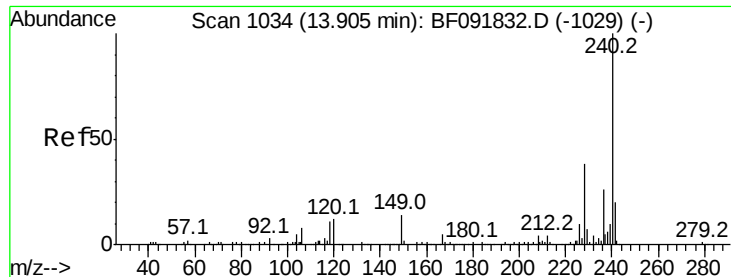


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampled :

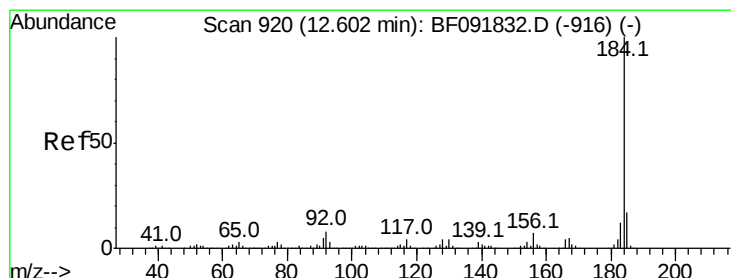
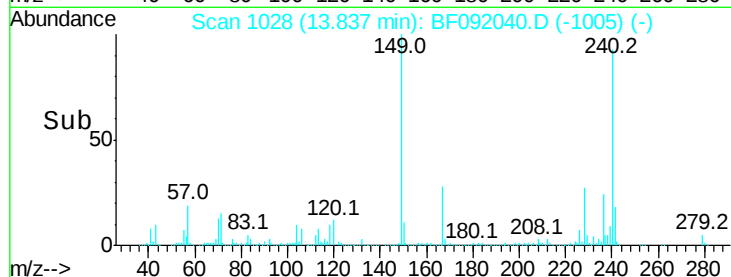
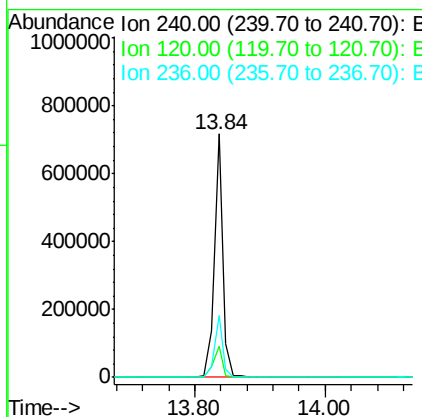
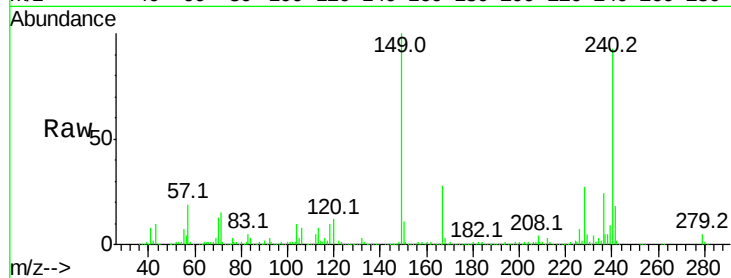
Tot Ion:240 Resp: 667654

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

236 25.6 20.9 31.3



#76

Benzidine

Concen: 48.67 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

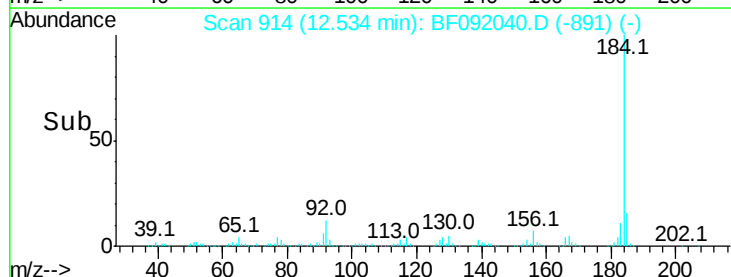
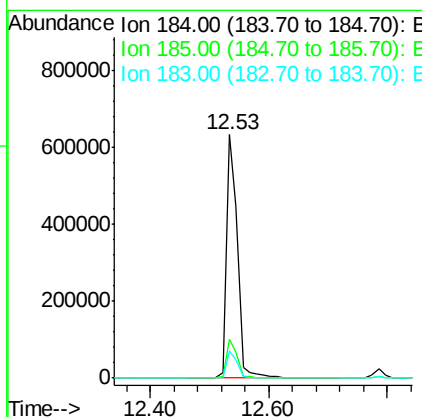
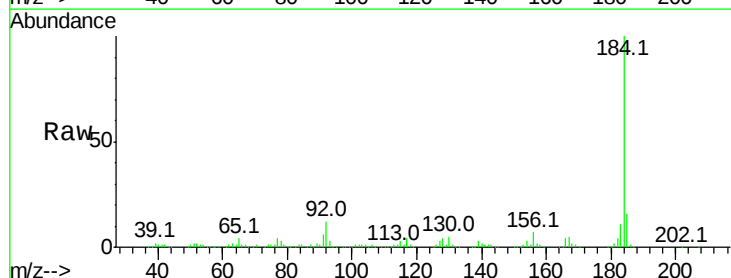
Tgt Ion:184 Resp: 811803

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.0

183 11.0 9.2 13.8

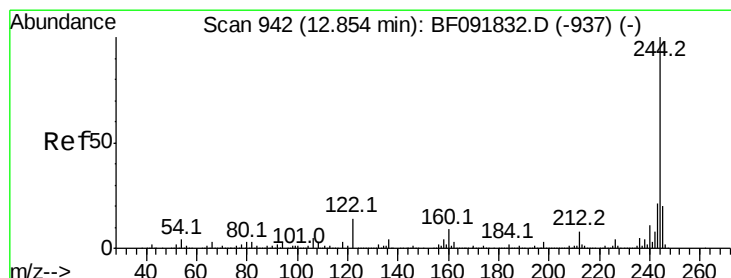
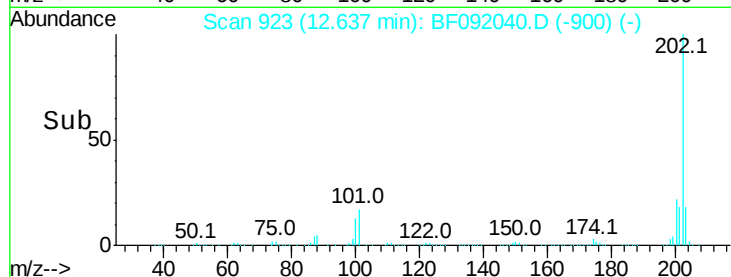
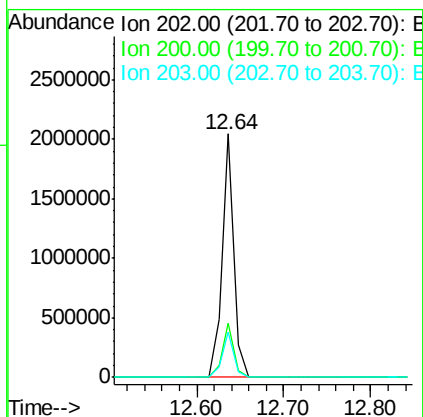
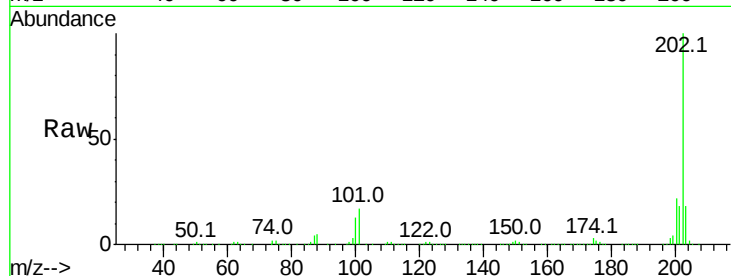




#77
Pvrene
Concen: 39.53 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

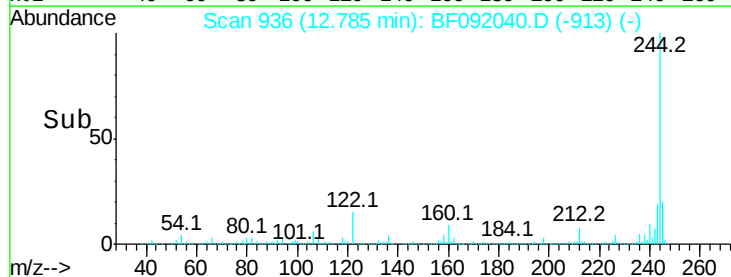
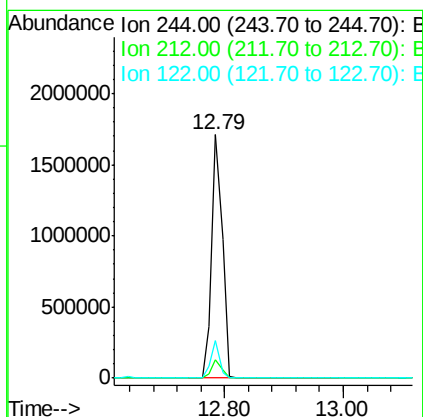
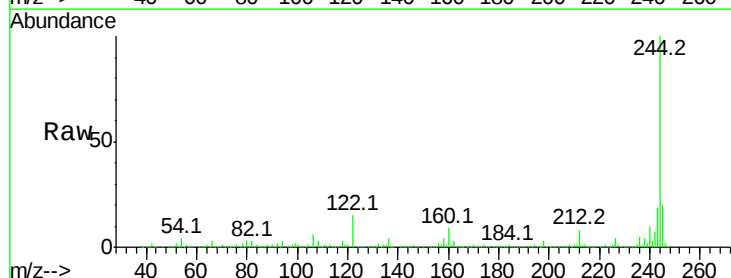
Instrument :
BNA_F
ClientSampleId :

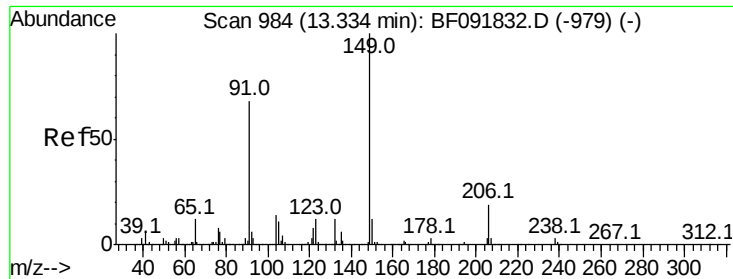
Tot Ion:202 Resp: 1936188
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.5 14.7 22.1



#78
Terphenyl-d14
Concen: 77.05 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:244 Resp: 2121199
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 15.3 11.4 17.2

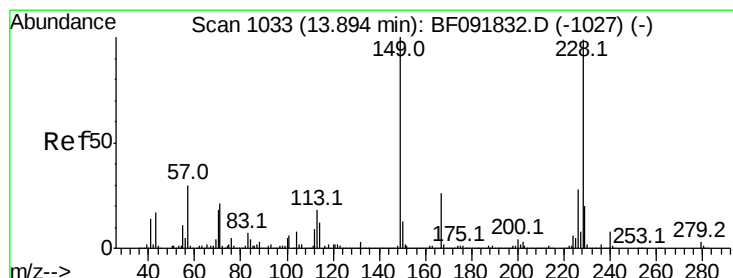
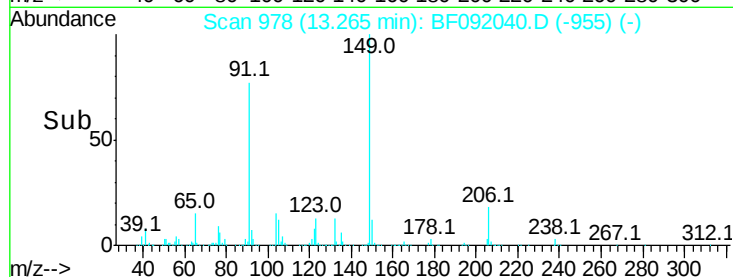
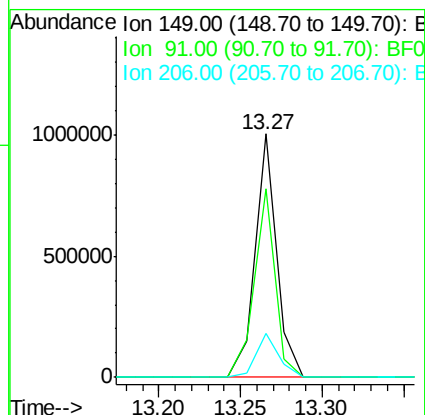
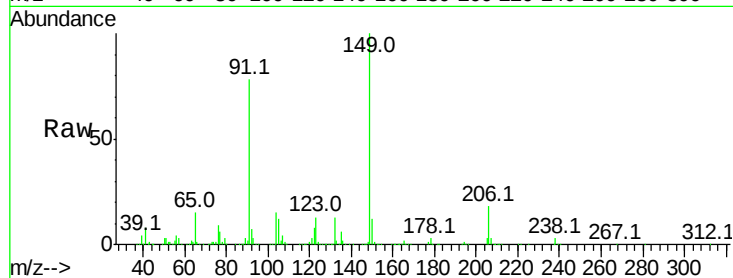




#79
Butylbenzylphthalate
Concen: 41.42 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

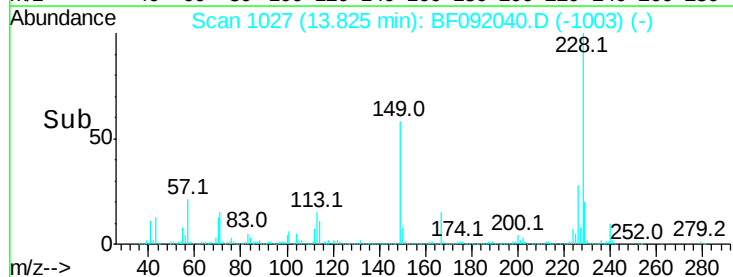
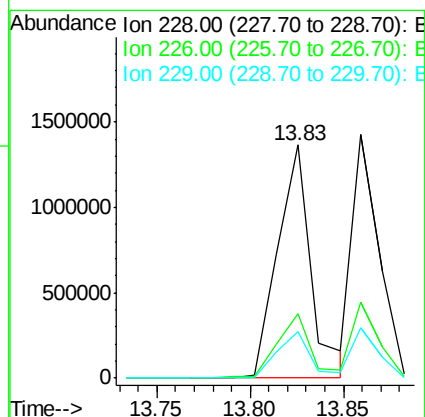
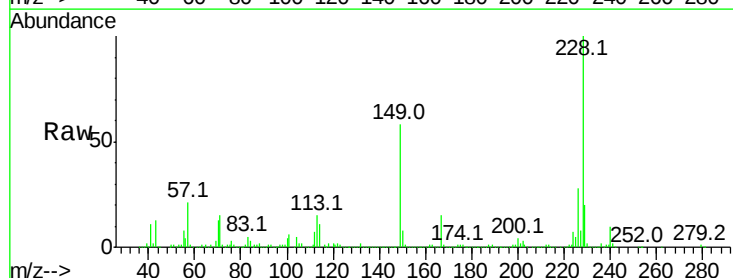
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 922753
Ion Ratio Lower Upper
149 100
91 77.5 63.9 95.9
206 17.9 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.05 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:228 Resp: 1697745
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.1 16.2 24.4

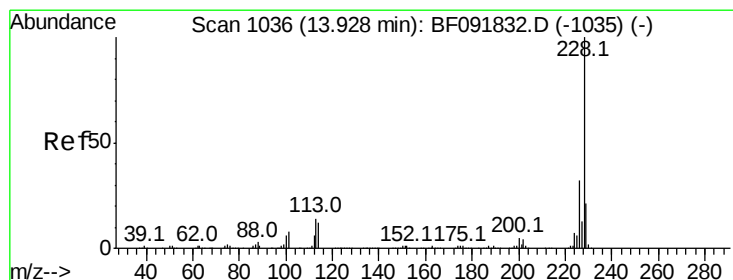
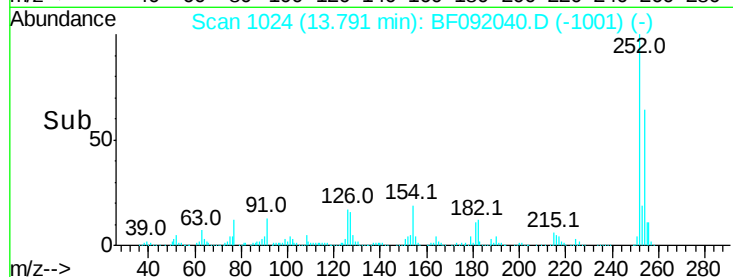
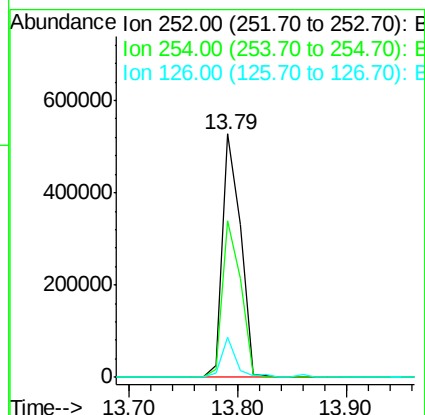
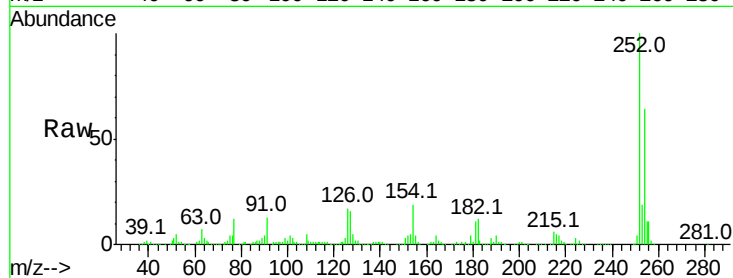




#81
 3,3'-Dichlorobenzidine
 Concen: 43.23 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

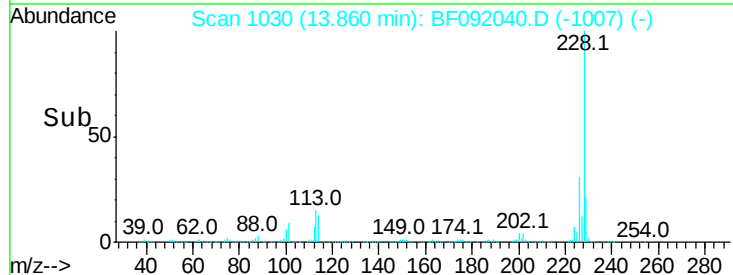
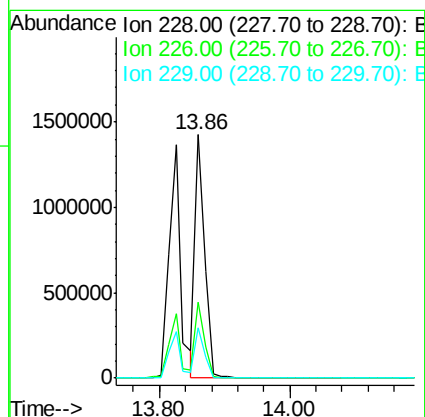
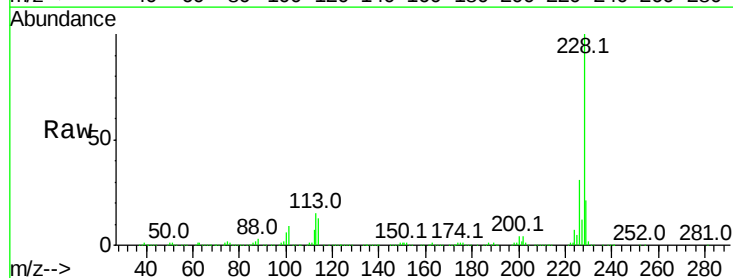
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 617782
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 16.6 13.6 20.4



#82
 Chrysene
 Concen: 38.45 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:228 Resp: 1453718
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.6 16.2 24.2

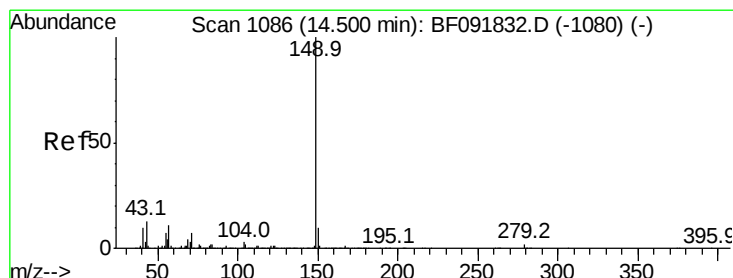
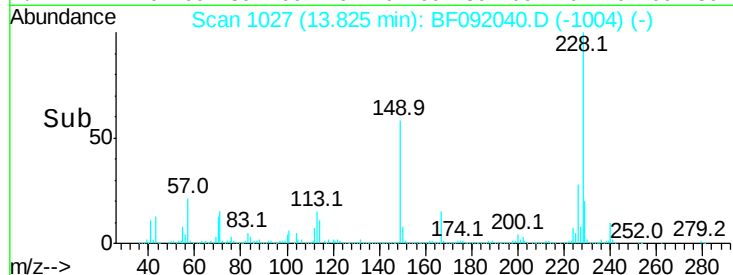
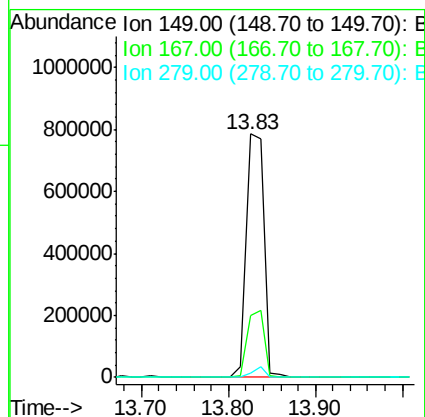
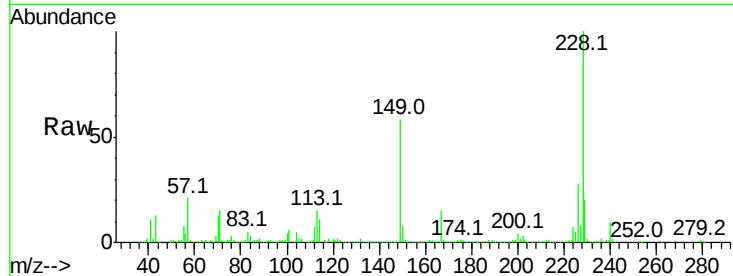




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.33 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

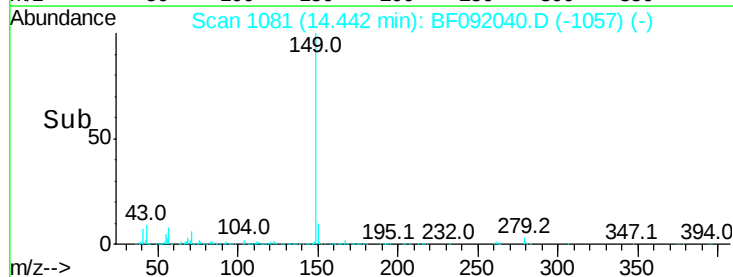
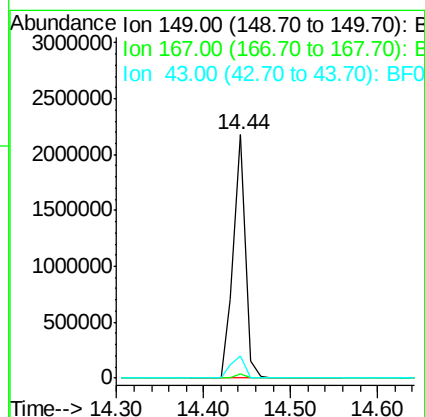
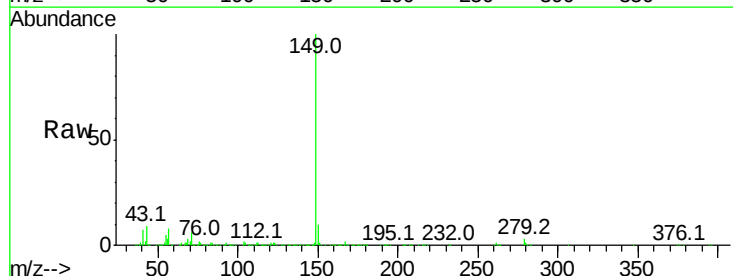
Instrument :
 BNA_F
 ClientSampleId :

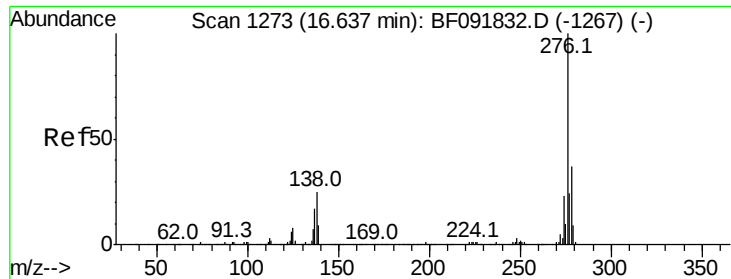
Tot Ion:149 Resp: 1110582
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 1.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 43.37 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:149 Resp: 2108050
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3

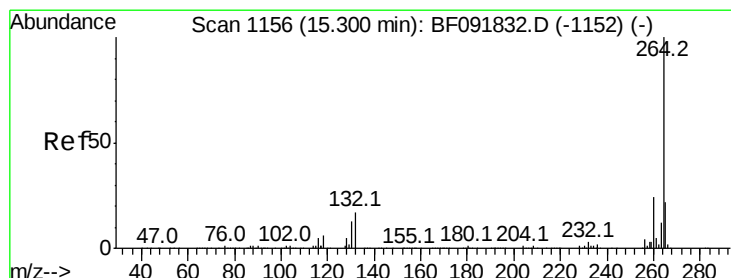
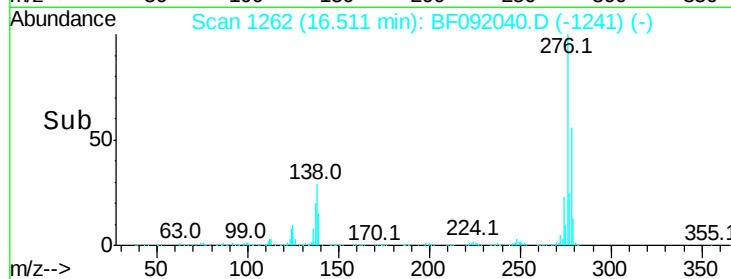
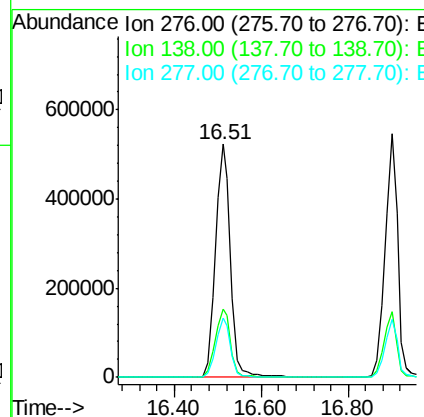
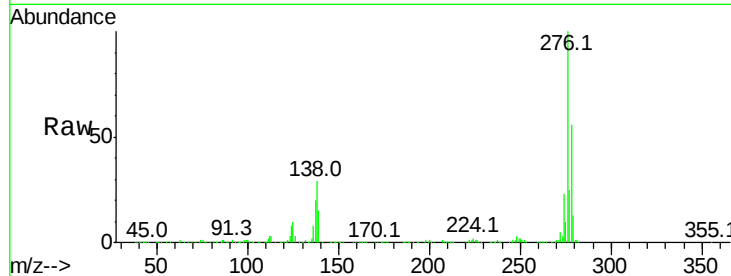




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.28 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

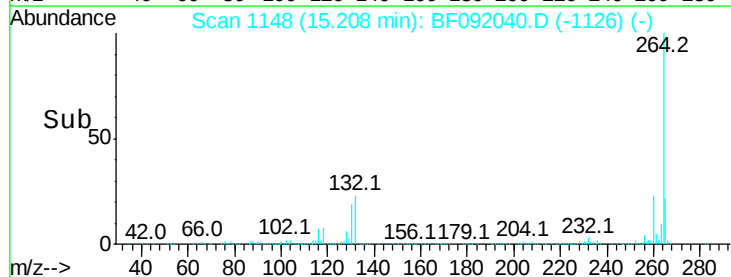
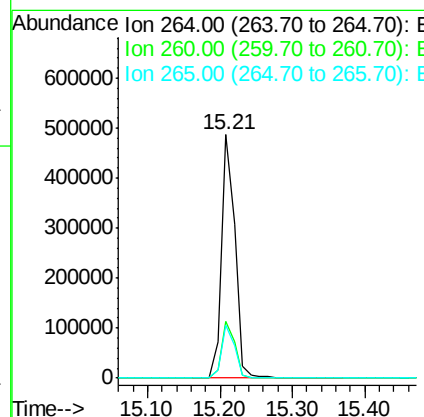
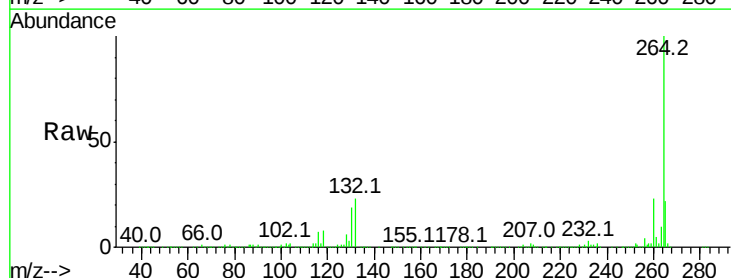
Instrument :
 BNA_F
 ClientSampleId :

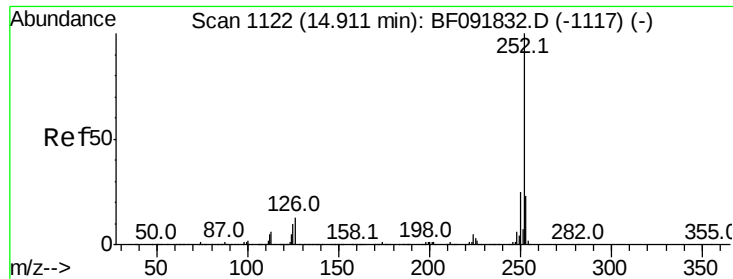
Tot Ion:276 Resp: 1286301
 Ion Ratio Lower Upper
 276 100
 138 30.0 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Tgt Ion:264 Resp: 627793
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 75.63 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.03 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

Instrument :

BNA_F

ClientSampleId :

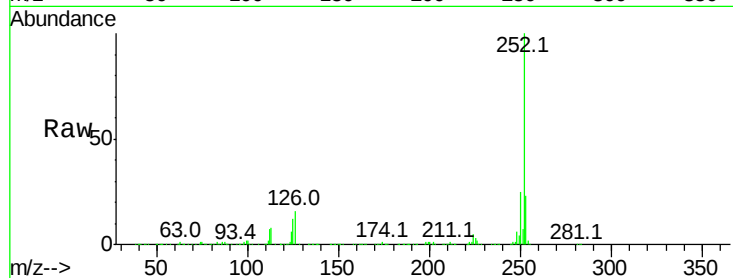
Tot Ion:252 Resp: 2956008

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

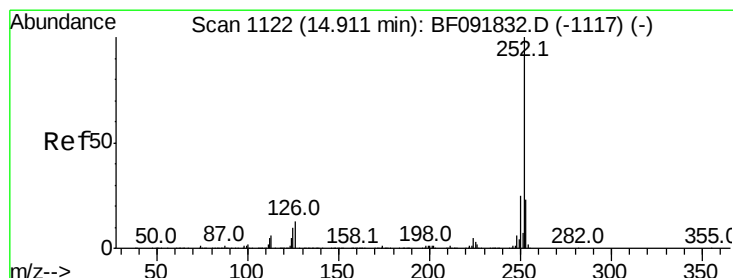
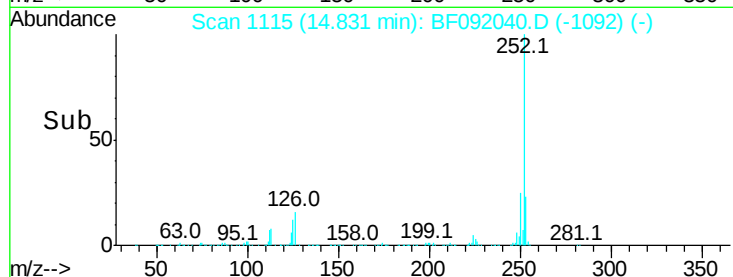
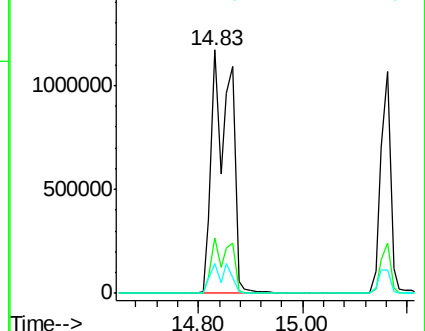
125 12.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.74 ng

RT: 14.83 min Scan# 1115

Delta R.T. -0.06 min

Lab File: BF092040.D

Acq: 30 Dec 2016 10:47

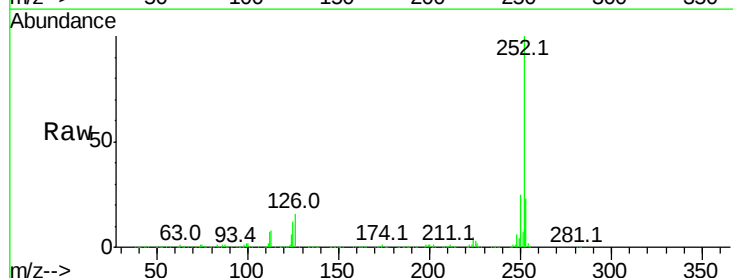
Tgt Ion:252 Resp: 2957737

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

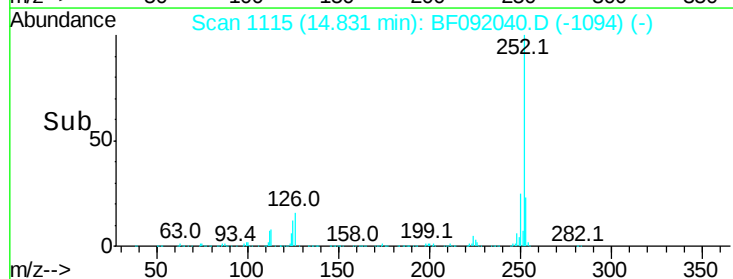
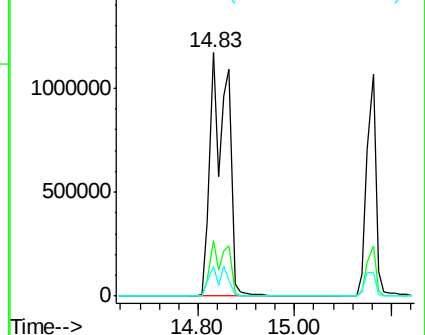
125 12.5 8.9 13.3

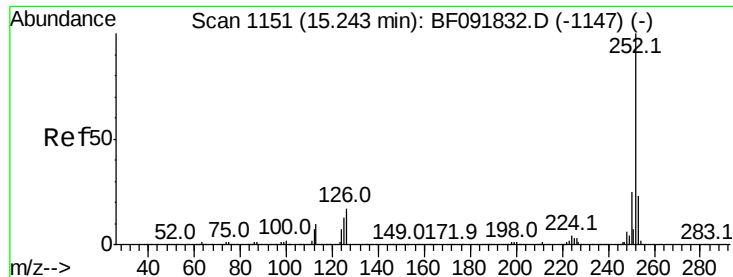


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

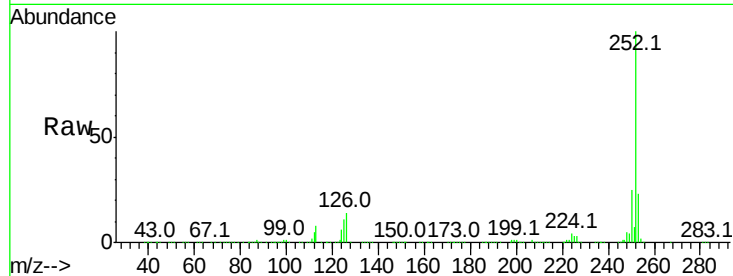




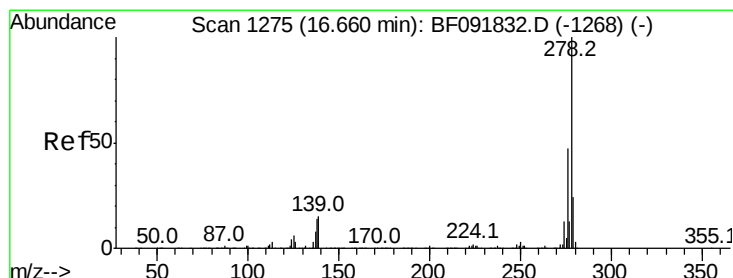
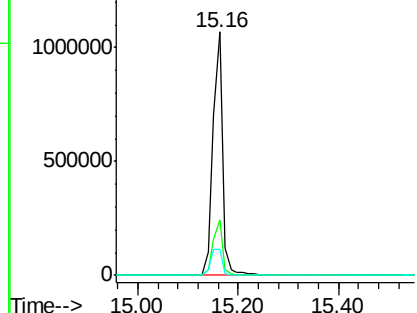
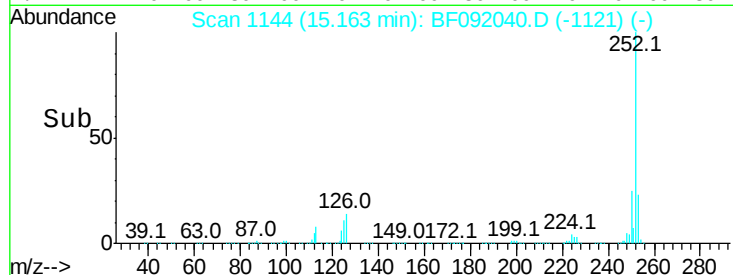
#89
Benzo(a)pyrene
Concen: 40.77 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1414458
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.6 10.0 15.0

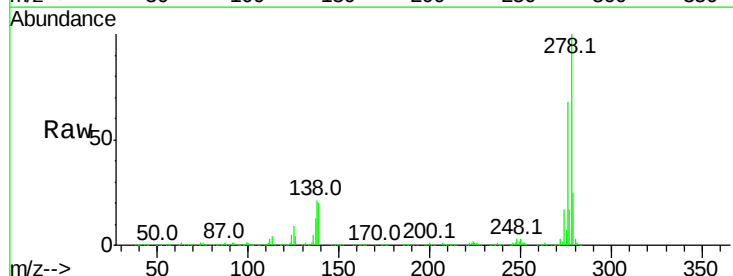


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

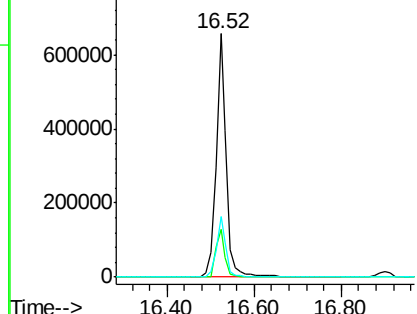
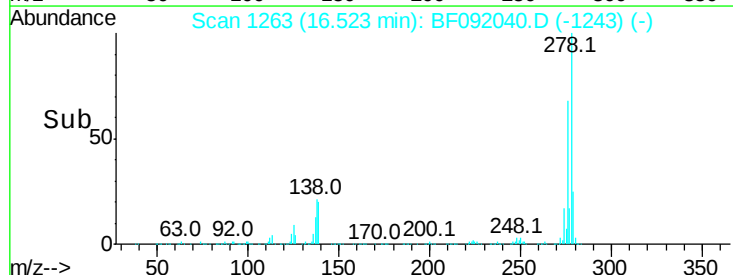


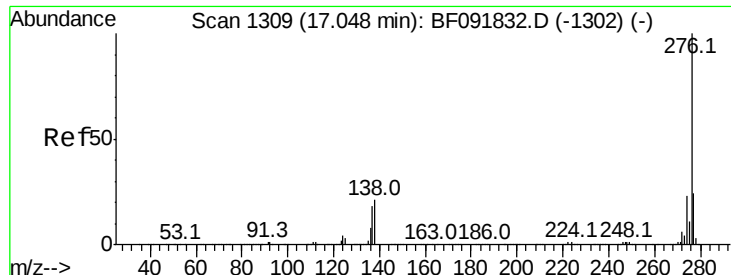
#90
Dibenzo(a,h)anthracene
Concen: 38.25 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF092040.D
Acq: 30 Dec 2016 10:47

Tgt Ion:278 Resp: 1090681
Ion Ratio Lower Upper
278 100
139 19.8 14.8 22.2
279 24.7 19.8 29.6



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

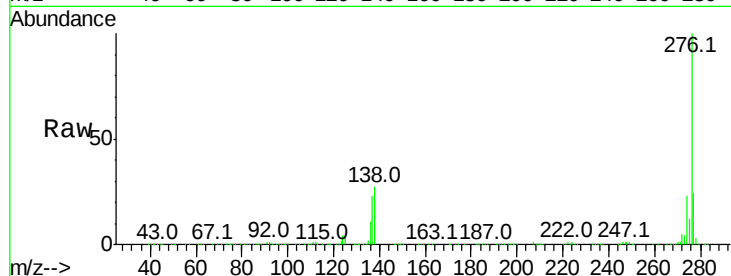




#91
 Benzo(a,h,i)perylene
 Concen: 37.74 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.07 min
 Lab File: BF092040.D
 Acq: 30 Dec 2016 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1118836
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.2 28.8
 138 26.8 16.0 24.0#



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

