

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092046.D
 Acq On : 30 Dec 2016 14:57
 Operator : UM/SJ
 Sample : H6262-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:25:08 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	199200	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	722669	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	383710	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	637160	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	479570	20.00	ng	-0.03
86) Perylene-d12	15.21	264	424688	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1862656	156.13	ng	-0.02
7) Phenol-d6	6.35	99	2326448	159.72	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1280505	98.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	511050	160.94	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2040402	113.24	ng	-0.03
78) Terphenyl-d14	12.79	244	1936384	97.93	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	281476	47.92	ng	97
3) Pyridine	2.88	79	832586	40.62	ng	99
4) n-Nitrosodimethylamine	2.84	42	365425	47.26	ng	99
6) Aniline	6.35	93	498564	26.35	ng	# 72
8) 2-Chlorophenol	6.48	128	730756	53.85	ng	94
9) Benzaldehyde	6.22	77	86279	7.91	ng	97
10) Phenol	6.36	94	722311	43.52	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	722775	54.73	ng	98
12) 1,3-Dichlorobenzene	6.62	146	754162	52.06	ng	96
13) 1,4-Dichlorobenzene	6.62	146	754162	51.15	ng	96
14) 1,2-Dichlorobenzene	6.85	146	667619	52.18	ng	99
15) Benzyl Alcohol	6.84	79	565027	49.93	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	941417	47.87	ng	83
17) 2-Methylphenol	6.97	107	562380	51.53	ng	# 92
18) Hexachloroethane	7.20	117	272065	49.77	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	533446	55.05	ng	# 90
20) 3+4-Methylphenols	7.13	107	738227	56.71	ng	# 73
22) Acetophenone	7.10	105	988004	55.43	ng	# 92
24) Nitrobenzene	7.28	77	737400	53.27	ng	92
25) Isophorone	7.52	82	1251248	52.18	ng	97
26) 2-Nitrophenol	7.60	139	348043	50.99	ng	# 80
27) 2,4-Dimethylphenol	7.64	122	493085	43.55	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	804563	55.33	ng	99
29) 2,4-Dichlorophenol	7.85	162	500081	52.16	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	540919	51.49	ng	98
31) Naphthalene	8.00	128	1781187	53.85	ng	99
32) Benzoic acid	7.74	122	81245	9.67	ng	96
33) 4-Chloroaniline	8.05	127	236280	15.84	ng	# 92
34) Hexachlorobutadiene	8.11	225	280292	50.54	ng	99
35) Caprolactam	8.43	113	82269	26.11	ng	# 62
36) 4-Chloro-3-methylphenol	8.56	107	574494	52.08	ng	99
37) 2-Methylnaphthalene	8.68	142	1097609	65.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	498182	51.39	ng	98
40) Hexachlorocyclopentadiene	8.84	237	444013	101.70	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

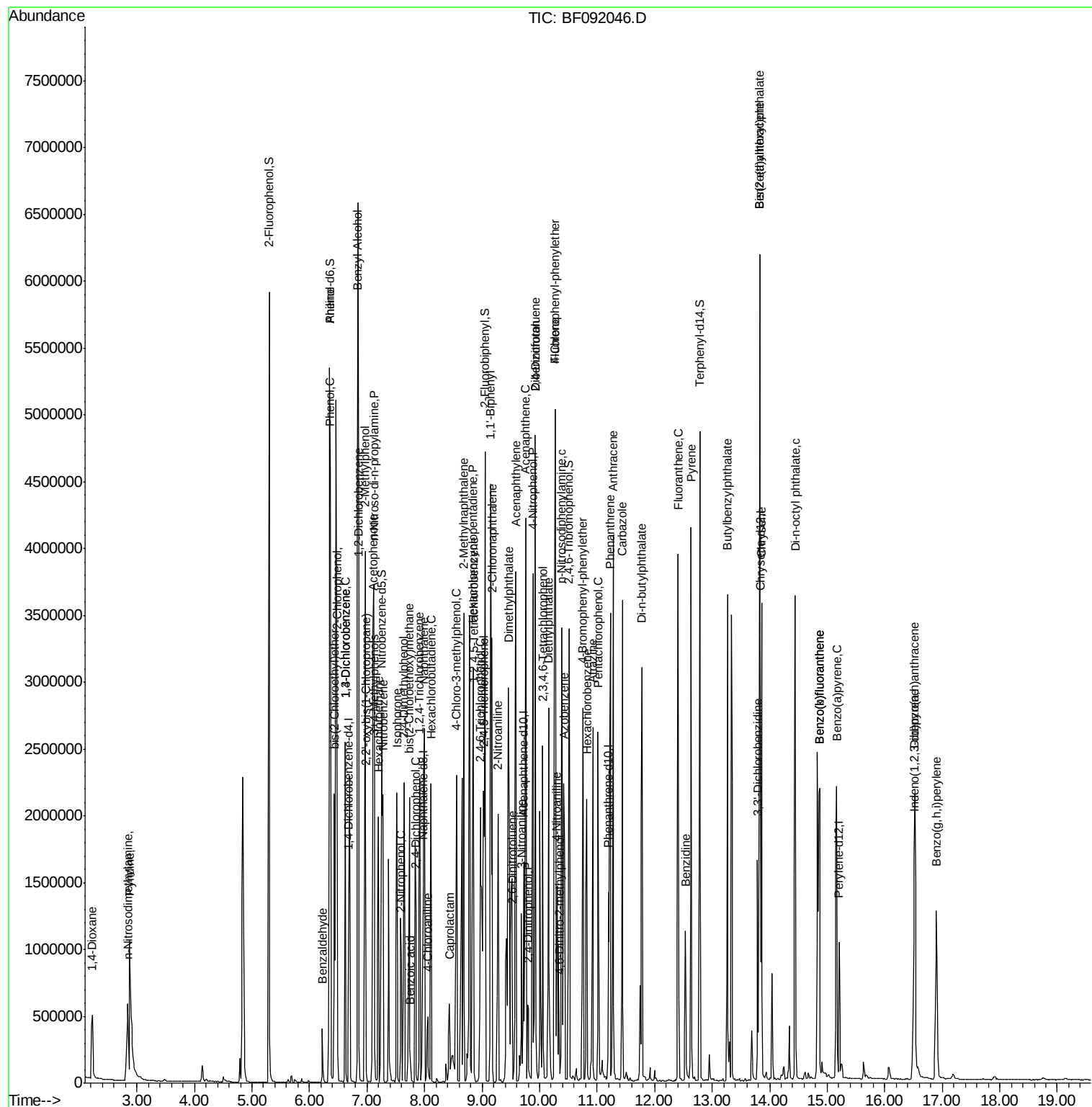
42) 2,4,6-Trichlorophenol	8.97	196	346591	51.12	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	371777	53.28	nq #	89
45) 1,1'-Biphenyl	9.15	154	1440608	54.83	nq	98
46) 2-Chloronaphthalene	9.17	162	1099656	52.85	nq	96
47) 2-Nitroaniline	9.28	65	375278	50.66	nq	99
48) Acenaphthylene	9.58	152	1575640	49.24	nq	99
49) Dimethylphthalate	9.46	163	2034623	82.91	nq	98
50) 2,6-Dinitrotoluene	9.53	165	297360	55.36	nq #	75
51) Acenaphthene	9.76	154	1014308	46.76	nq	99
52) 3-Nitroaniline	9.69	138	189632	28.53	nq	96
53) 2,4-Dinitrophenol	9.80	184	141314	47.28	nq #	94
54) Dibenzofuran	9.93	168	1335190	45.57	nq	98
55) 4-Nitrophenol	9.88	139	462180	102.40	nq	96
56) 2,4-Dinitrotoluene	9.93	165	389655	57.80	nq	94
57) Fluorene	10.27	166	1134373	53.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	300382	54.43	nq	98
59) Diethylphthalate	10.16	149	1212563	50.88	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	501006	53.68	nq #	77
61) 4-Nitroaniline	10.30	138	286093	41.53	nq	98
62) Azobenzene	10.42	77	1390485	52.99	nq	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	176333	45.77	nq	84
65) n-Nitrosodiphenylamine	10.38	169	976067	51.63	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	321792	48.55	nq	99
67) Hexachlorobenzene	10.82	284	371495	52.44	nq	97
68) Atrazine	10.92	200	311830	51.13	nq	97
69) Pentachlorophenol	11.01	266	354300	101.92	nq	99
70) Phenanthrene	11.23	178	1859583	53.82	nq	98
71) Anthracene	11.28	178	1591139	57.23	nq	99
72) Carbazole	11.44	167	1430016	57.15	nq	99
73) Di-n-butylphthalate	11.78	149	2036700	63.94	nq #	97
74) Fluoranthene	12.41	202	1674696	56.20	nq	98
76) Benzidine	12.53	184	356072	26.14	nq	99
77) Pyrene	12.64	202	1771098	50.34	nq	99
79) Butylbenzylphthalate	13.27	149	816661	51.03	nq	98
80) Benzo(a)anthracene	13.83	228	1381193	51.02	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	323000	31.47	nq	98
82) Chrysene	13.86	228	1304910	48.06	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1023169	54.29	nq	99
84) Di-n-octyl phthalate	14.44	149	1898929	54.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1253622	53.29	nq	99
87) Benzo(b)fluoranthene	14.87	252	2581025	97.62	nq #	94
88) Benzo(k)fluoranthene	14.87	252	2581025	114.47	nq #	95
89) Benzo(a)pyrene	15.16	252	1232077	52.50	nq #	96
90) Dibenzo(a,h)anthracene	16.52	278	1019959	52.88	nq	98
91) Benzo(g,h,i)perylene	16.90	276	1062570	52.98	nq	97

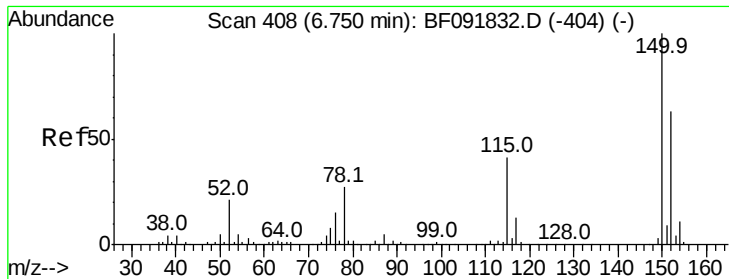
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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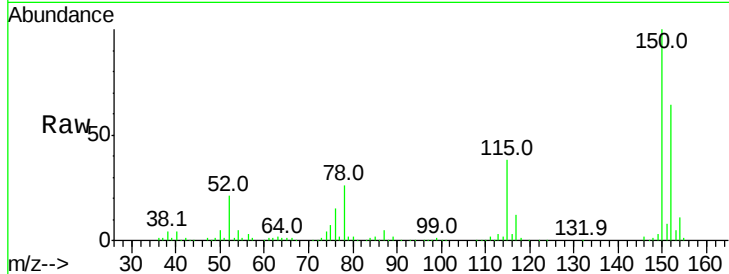


#1

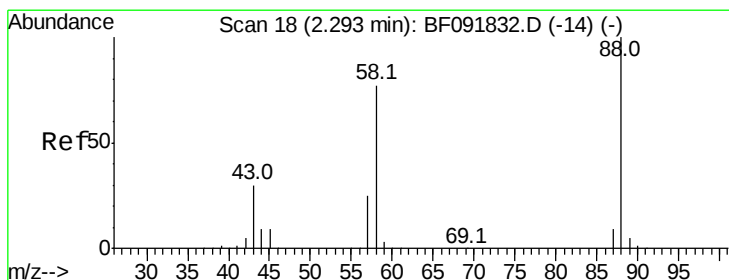
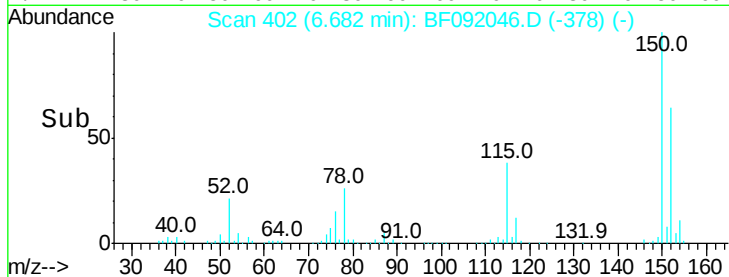
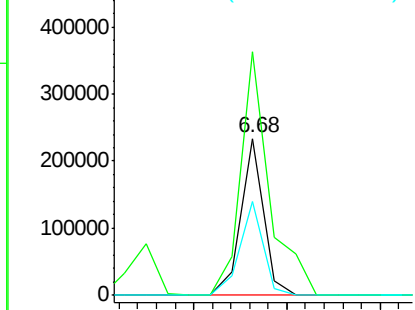
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 199200
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 59.8 46.0 69.0



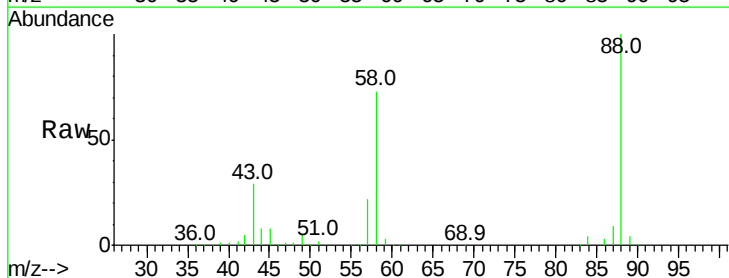
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



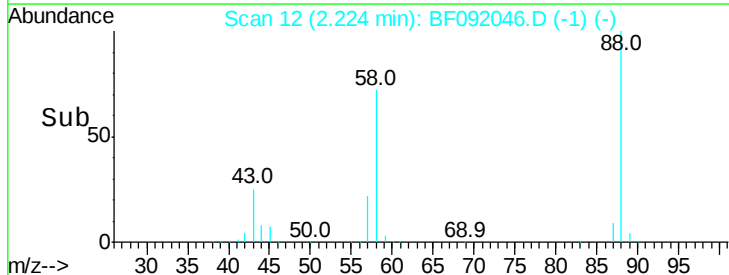
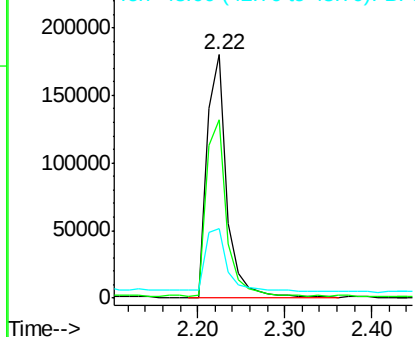
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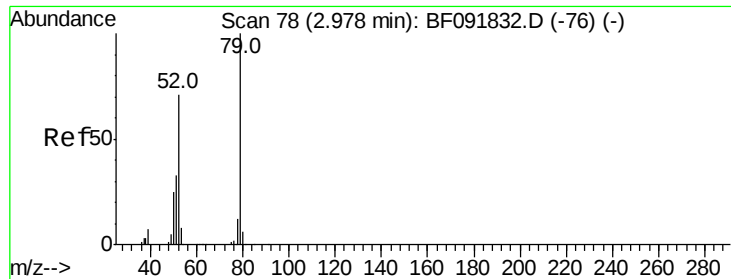
1,4-Dioxane
Concen: 47.92 ng
RT: 2.22 min Scan# 12
Delta R.T. 0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion: 88 Resp: 281476
Ion Ratio Lower Upper
88 100
58 74.4 57.8 86.8
43 30.8 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

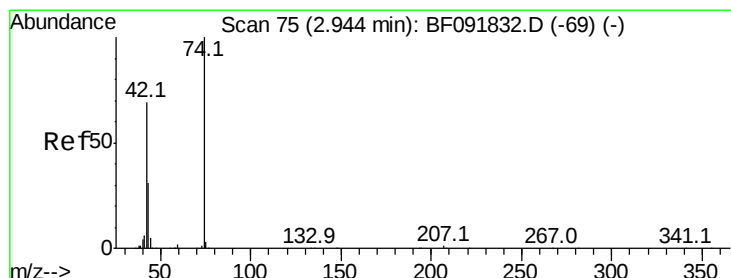
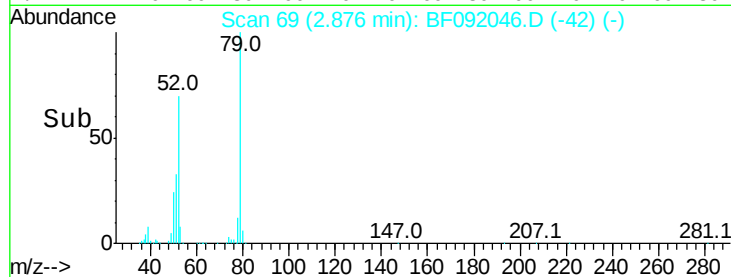
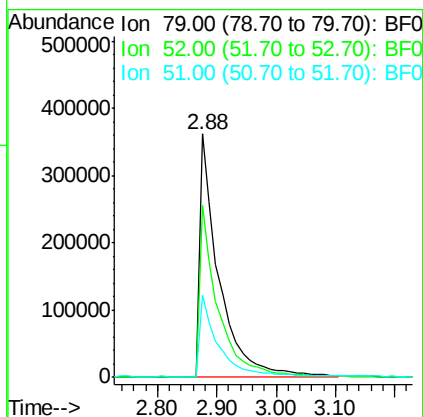
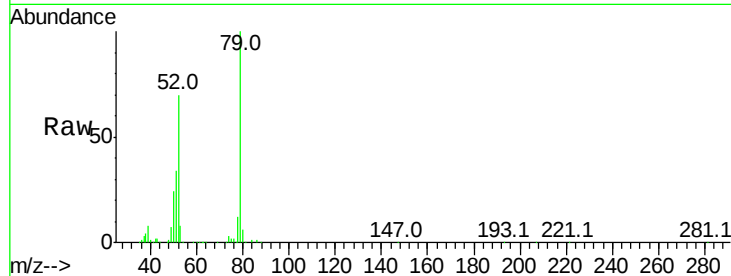




#3
 Pvridine
 Concen: 40.62 ng
 RT: 2.88 min Scan# 69
 Delta R.T. 0.01 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

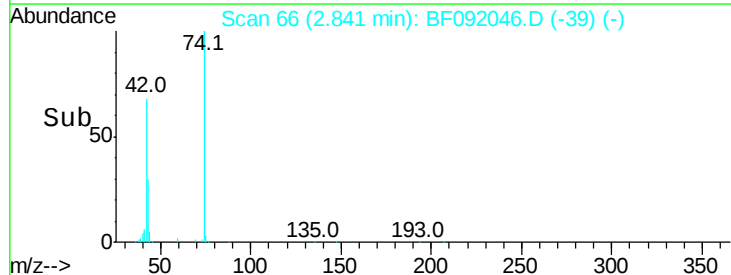
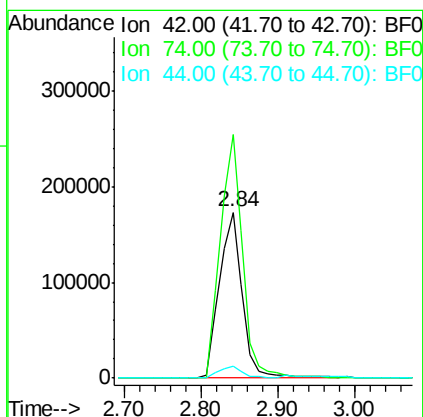
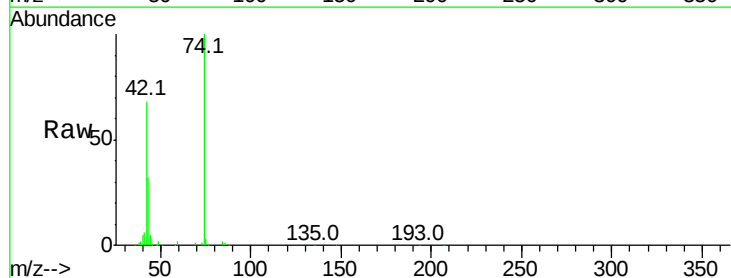
Instrument :
 BNA_F
 ClientSampled :

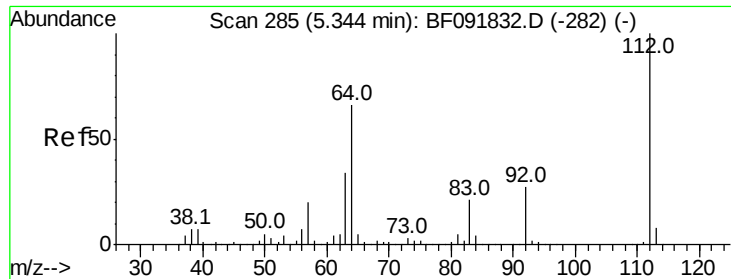
Tot Ion: 79 Resp: 832586
 Ion Ratio Lower Upper
 79 100
 52 70.5 57.1 85.7
 51 33.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 47.26 ng
 RT: 2.84 min Scan# 66
 Delta R.T. 0.01 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion: 42 Resp: 365425
 Ion Ratio Lower Upper
 42 100
 74 146.9 117.0 175.4
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 156.13 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampled :

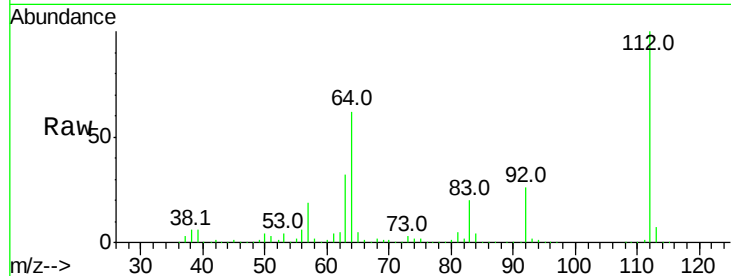
Tot Ion:112 Resp: 1862656

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

63 32.2 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

2000000

1500000

1000000

500000

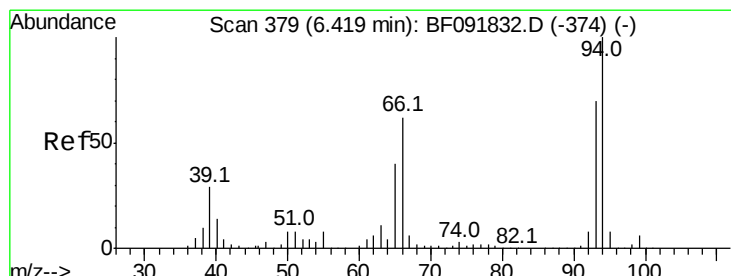
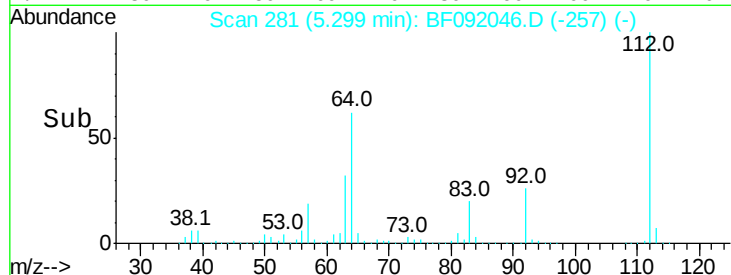
0

5.20

5.40

5.60

Time-->



#6

Aniline

Concen: 26.35 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

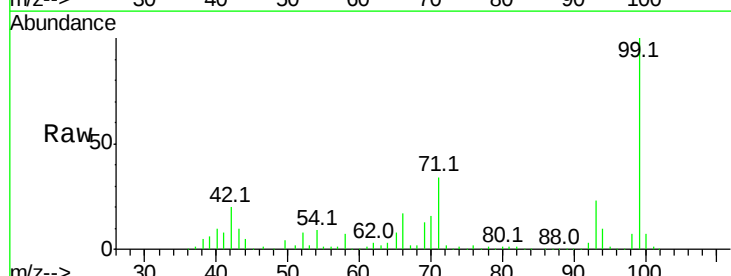
Tgt Ion: 93 Resp: 498564

Ion Ratio Lower Upper

93 100

66 72.8 76.2 114.2#

65 33.7 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

1000000

800000

600000

400000

200000

0

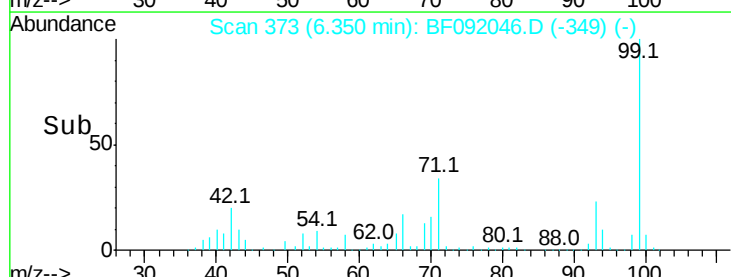
6.25

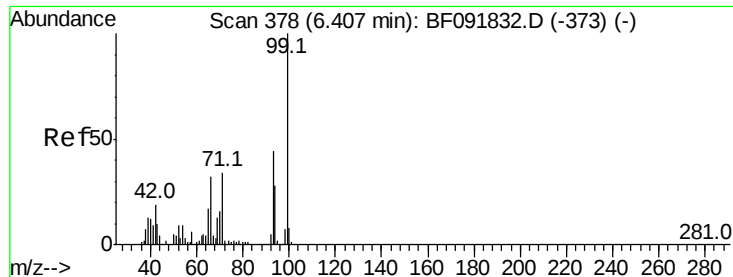
6.30

6.35

6.40

Time-->





#7

Phenol-d6

Concen: 159.72 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

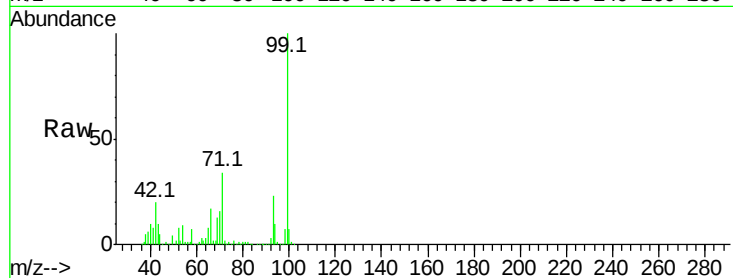
Tot Ion: 99 Resp: 2326448

Ion Ratio Lower Upper

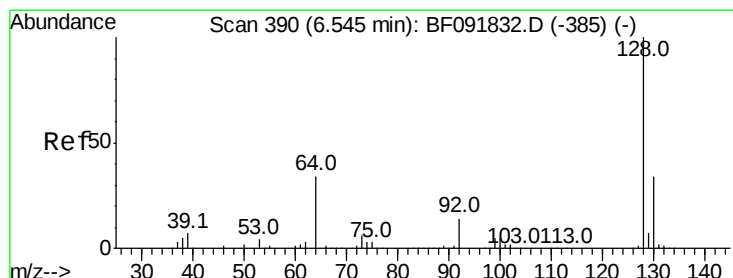
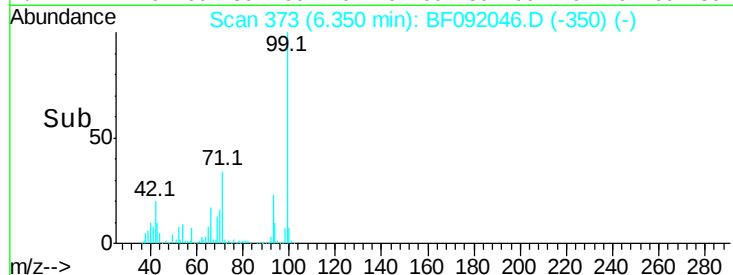
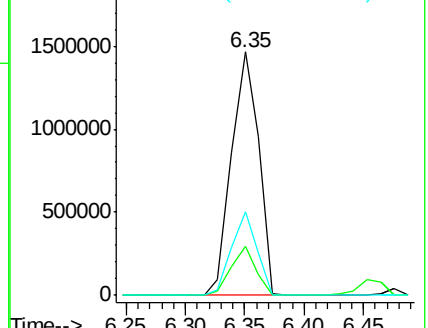
99 100

42 20.1 15.6 23.4

71 34.4 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: 53.85 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF092046.D

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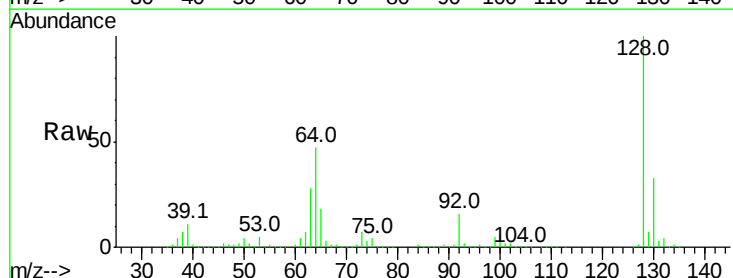
Tgt Ion: 128 Resp: 730756

Ion Ratio Lower Upper

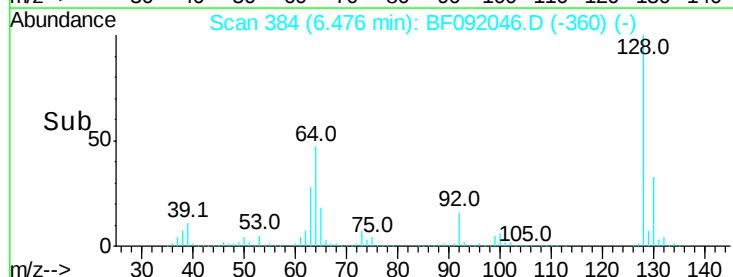
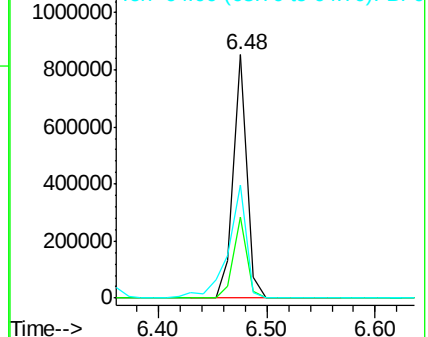
128 100

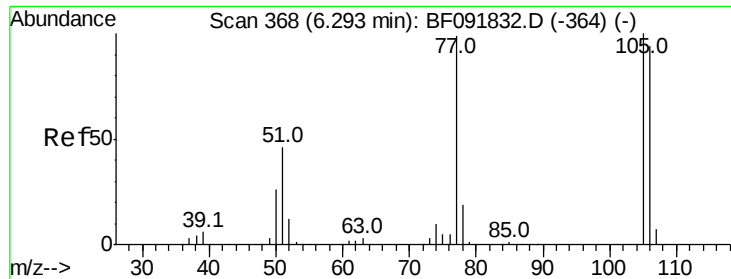
130 33.3 12.3 52.3

64 46.5 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

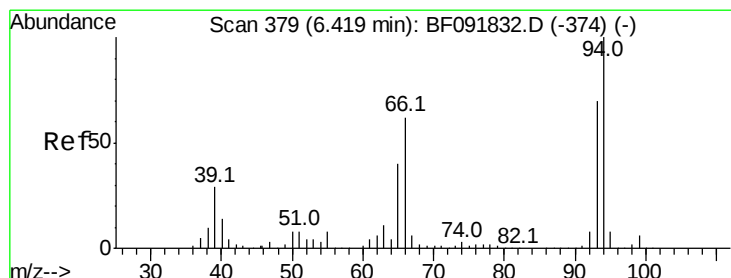
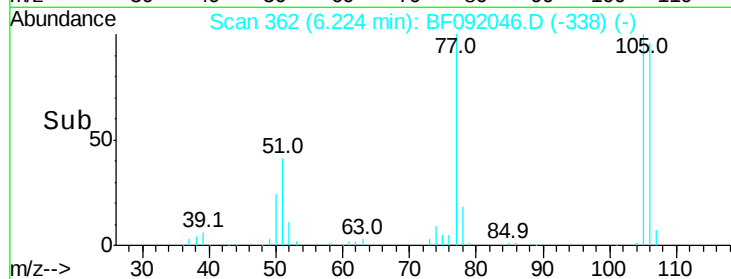
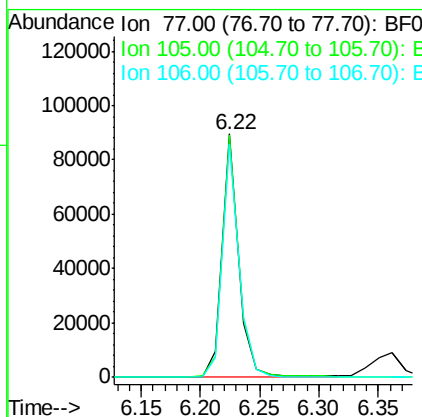
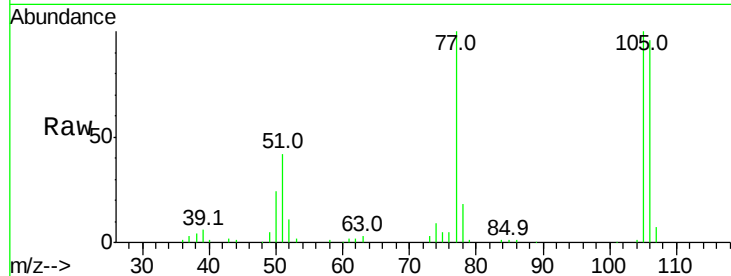




#9
Benzaldehyde
Concen: 7.91 ng
RT: 6.22 min Scan# 362
Delta R.T. -0.02 min
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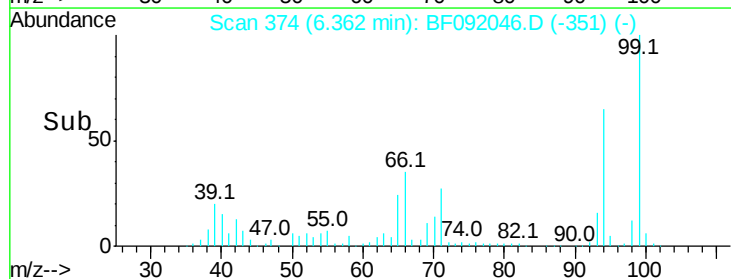
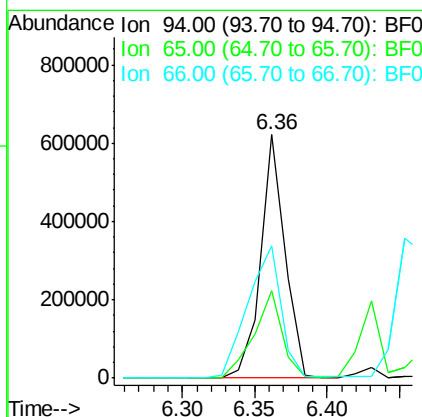
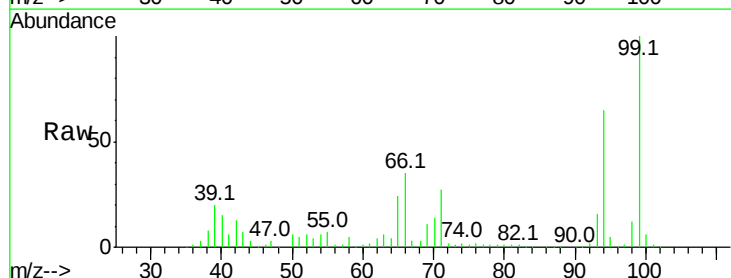
Instrument :
BNA_F
ClientSampled :

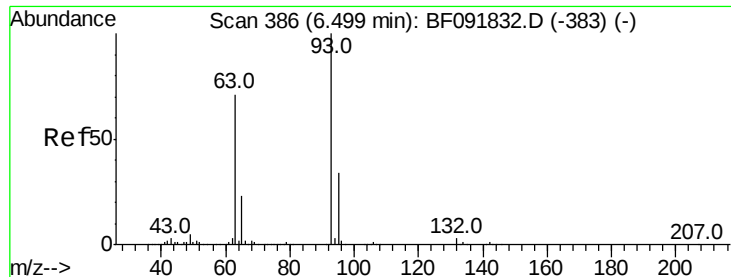
Tot Ion: 77 Resp: 86279
Ion Ratio Lower Upper
77 100
105 99.7 83.9 123.9
106 95.8 77.6 117.6



#10
Phenol
Concen: 43.52 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion: 94 Resp: 722311
Ion Ratio Lower Upper
94 100
65 36.2 21.4 61.4
66 54.3 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 54.73 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

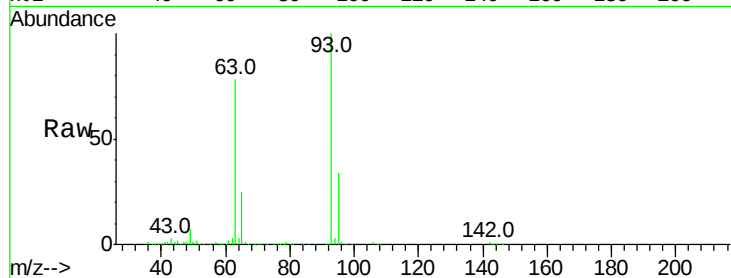
Tot Ion: 93 Resp: 722775

Ion Ratio Lower Upper

93 100

63 78.0 60.4 100.4

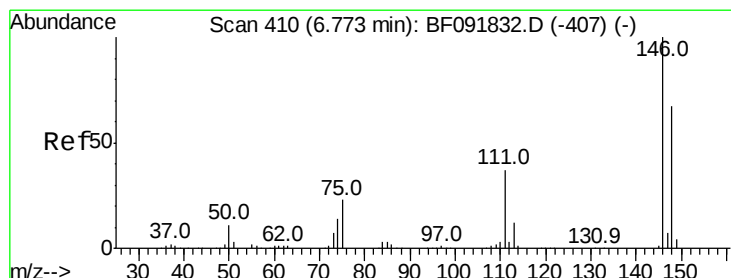
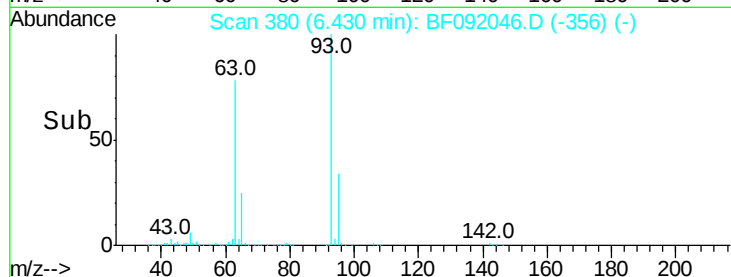
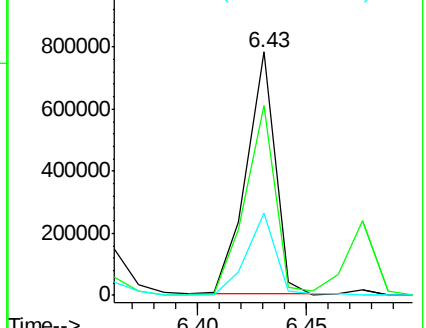
95 33.6 12.8 52.8



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: 52.06 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

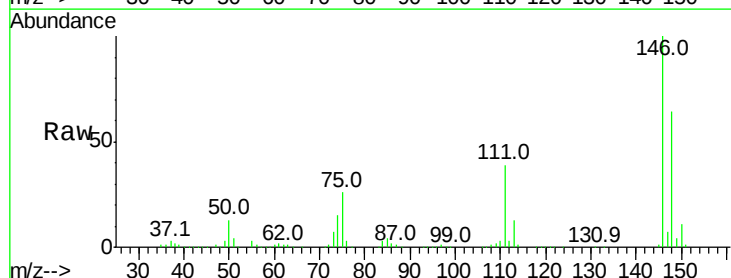
Tgt Ion: 146 Resp: 754162

Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

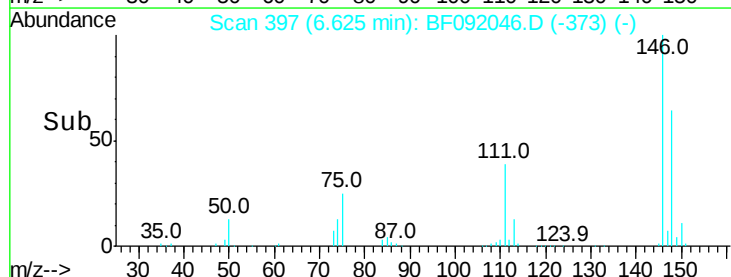
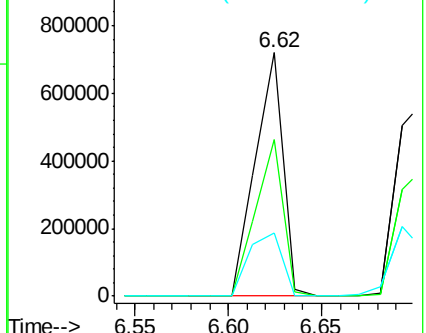
75 26.0 18.5 27.7

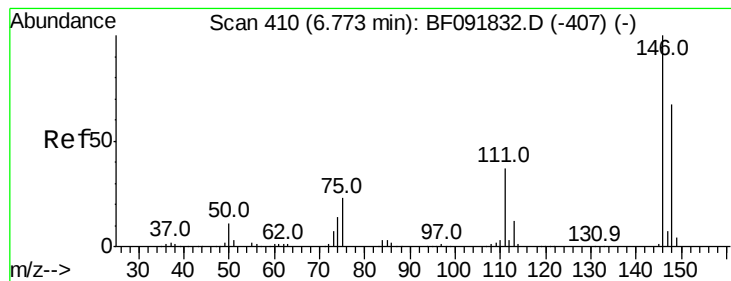


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 51.15 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.10 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

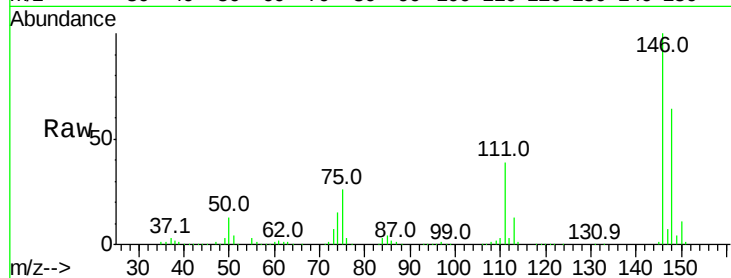
Tot Ion:146 Resp: 754162

Ion Ratio Lower Upper

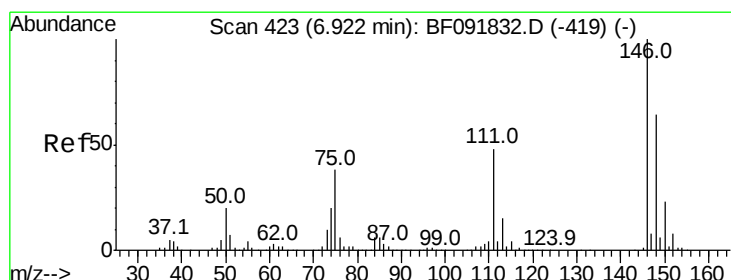
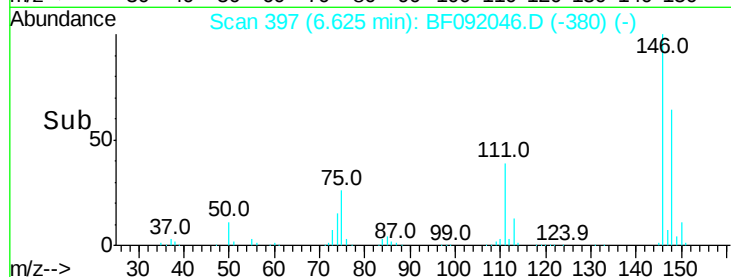
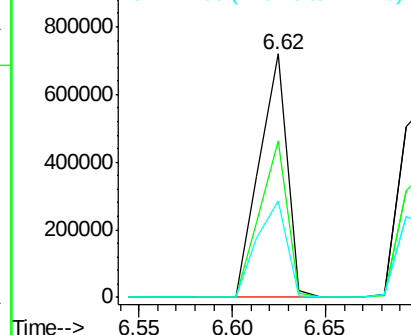
146 100

148 64.3 50.6 76.0

111 39.5 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: 52.18 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

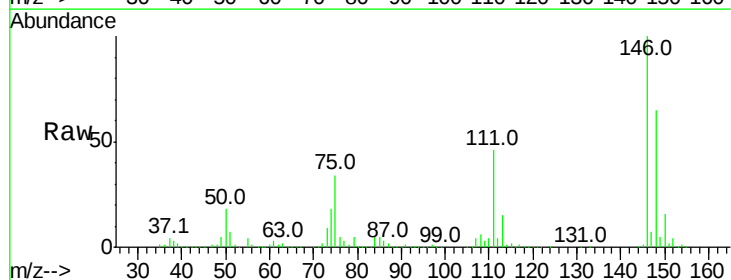
Tgt Ion:146 Resp: 667619

Ion Ratio Lower Upper

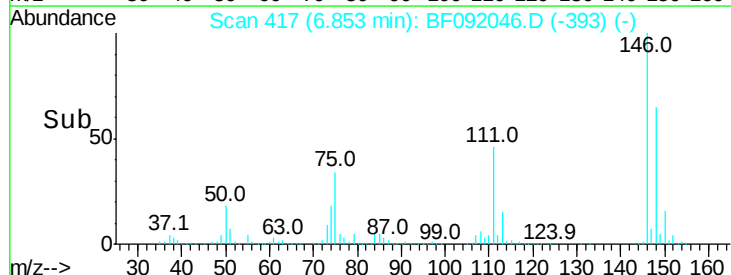
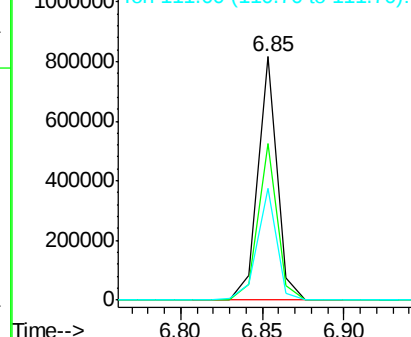
146 100

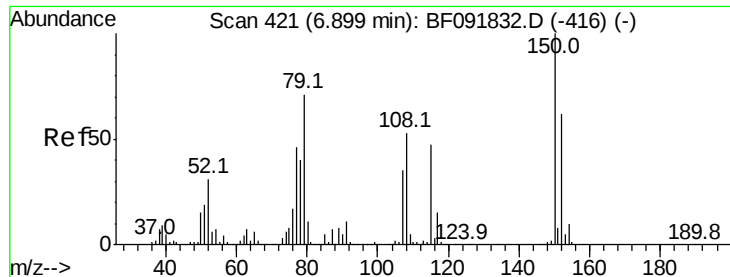
148 64.5 52.2 78.2

111 45.9 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: 49.93 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

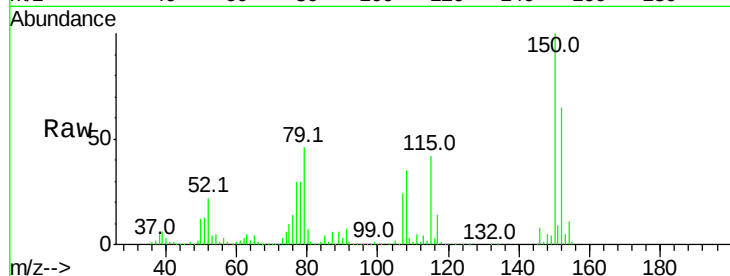
Tot Ion: 79 Resp: 565027

Ion Ratio Lower Upper

79 100

108 75.5 61.4 92.0

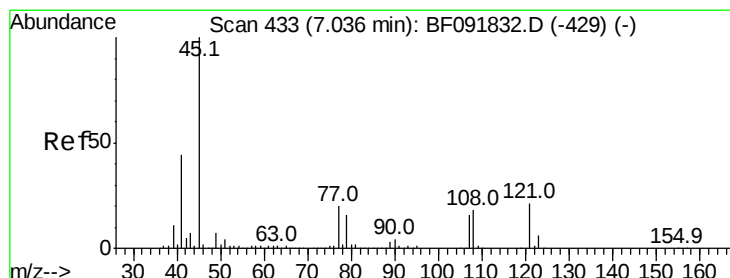
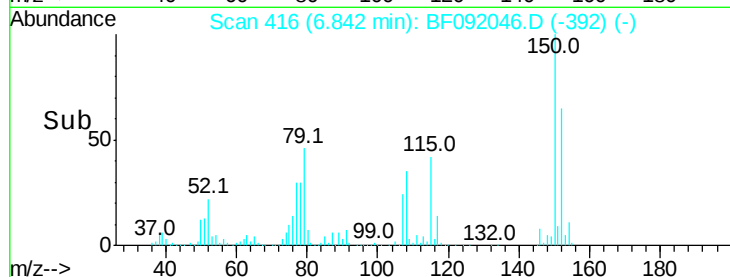
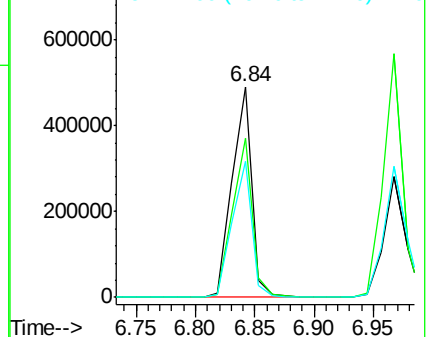
77 64.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.87 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

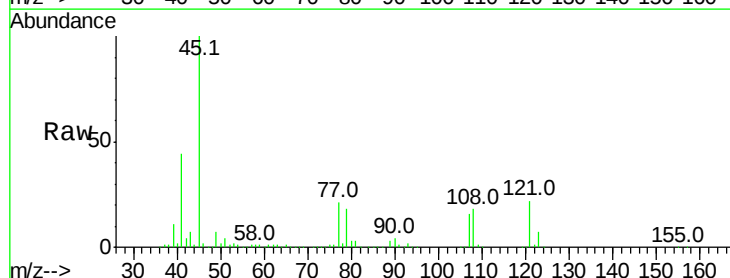
Tgt Ion: 45 Resp: 941417

Ion Ratio Lower Upper

45 100

77 21.4 0.0 34.6

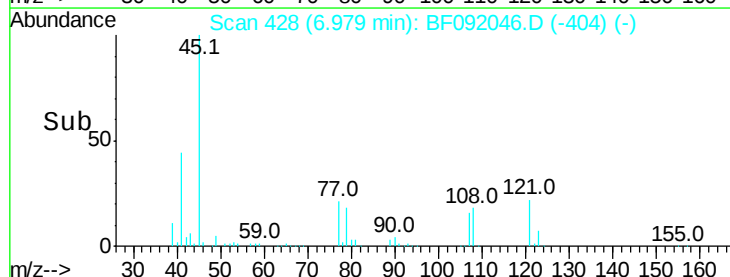
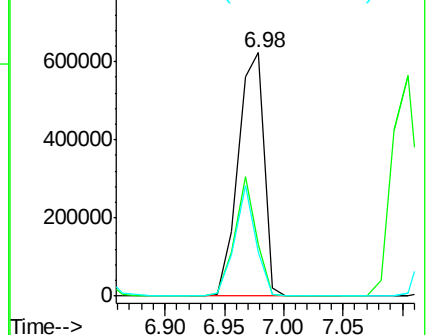
79 17.9 0.0 31.2

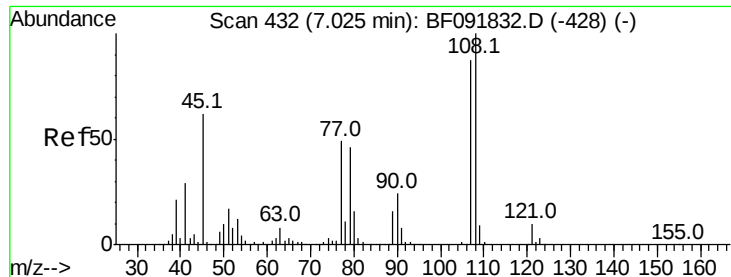


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

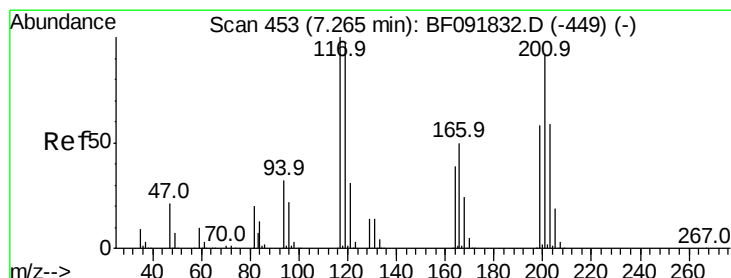
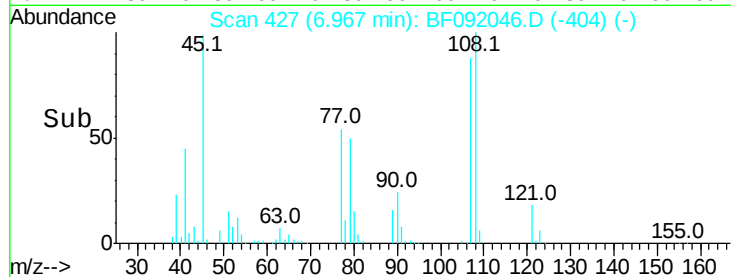
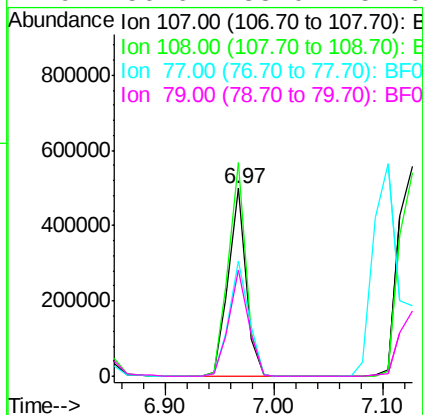
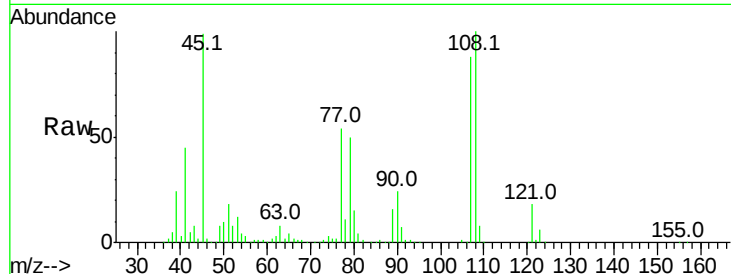




#17
2-Methylphenol
Concen: 51.53 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

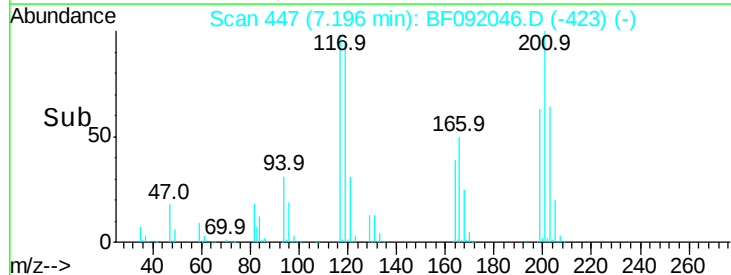
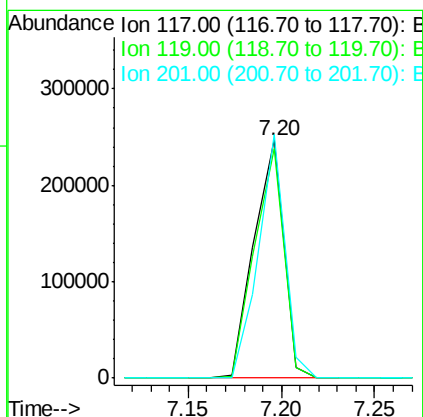
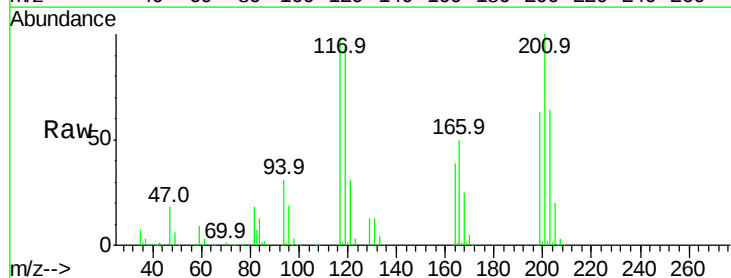
Instrument :
BNA_F
ClientSampleId :

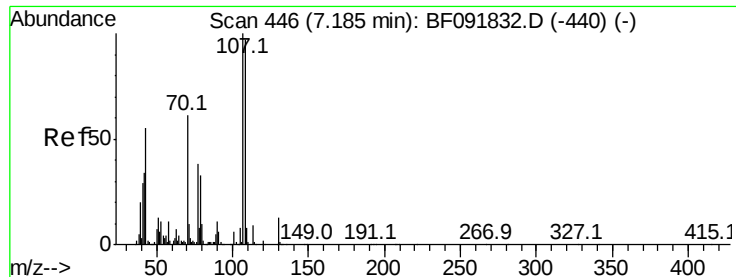
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.0	139.6
77	61.4	39.8	59.8
79	56.6	38.0	57.0



#18
Hexachloroethane
Concen: 49.77 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
201	102.3	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 55.05 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

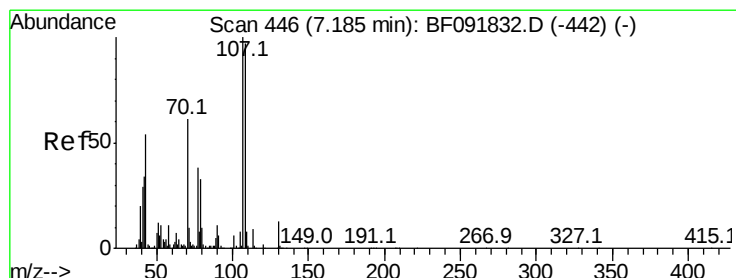
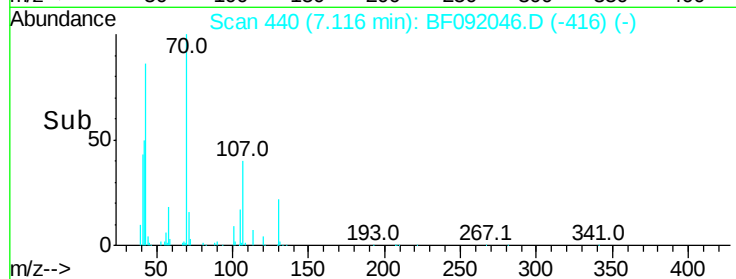
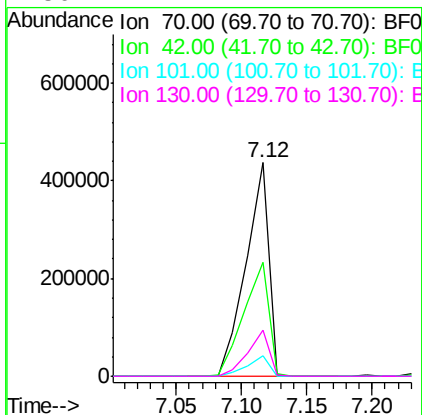
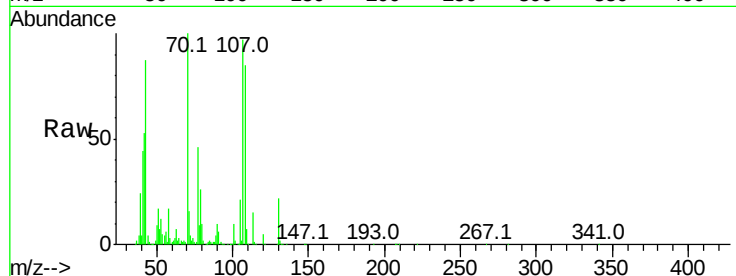
Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 533446

Ion	Ratio	Lower	Upper
70	100		
42	53.3	49.4	74.0
101	9.8	7.4	11.2
130	21.7	14.2	21.4#



#20

3+4-Methylphenols

Concen: 56.71 ng

RT: 7.13 min Scan# 441

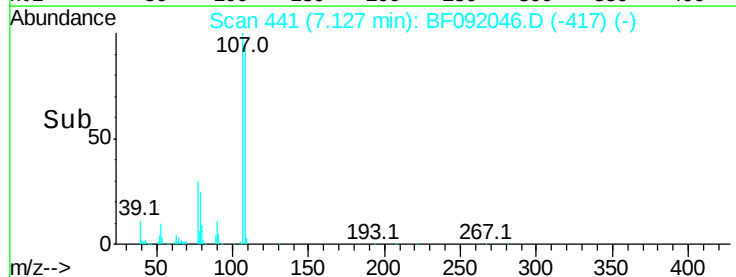
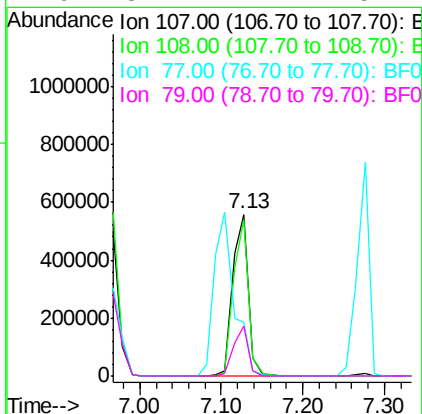
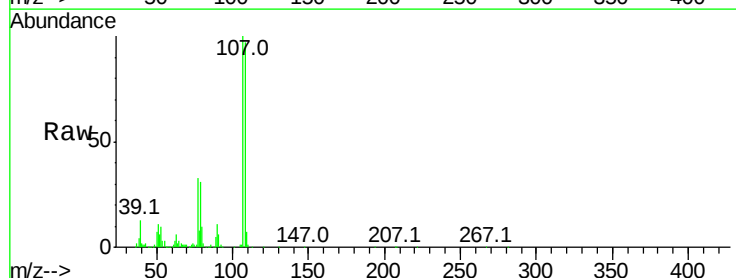
Delta R.T. -0.02 min

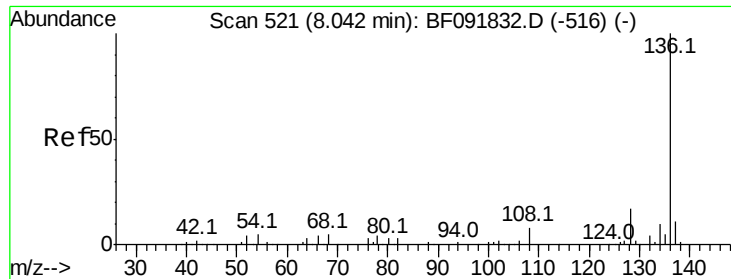
Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Tgt Ion: 107 Resp: 738227

Ion	Ratio	Lower	Upper
107	100		
108	96.5	73.0	113.0
77	33.4	71.3	111.3#
79	31.2	11.1	51.1

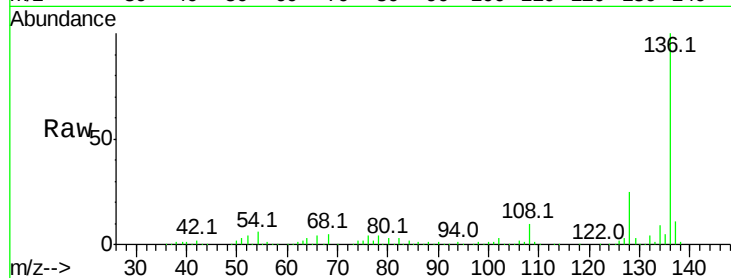




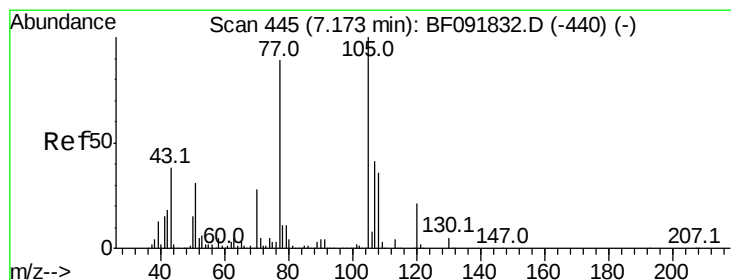
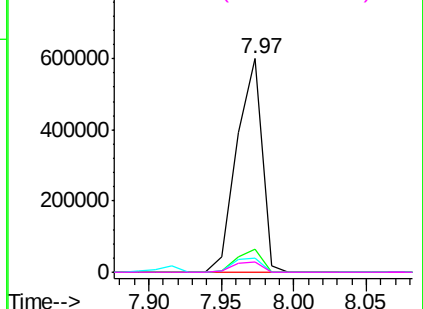
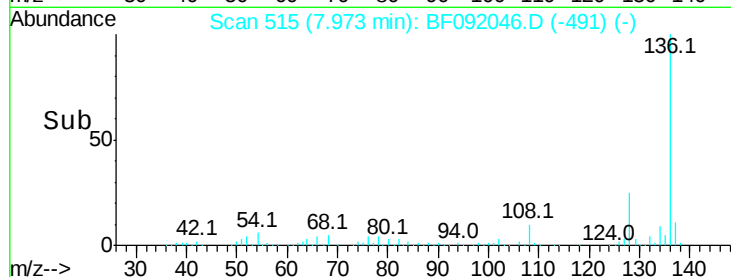
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	722669
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.3	4.5	6.7
68	5.0	3.6	5.4

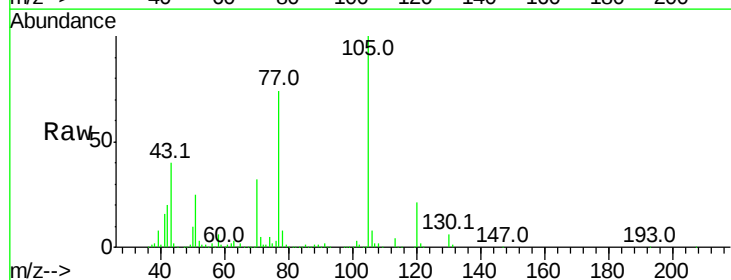


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

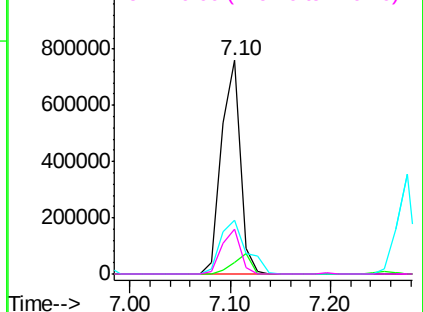
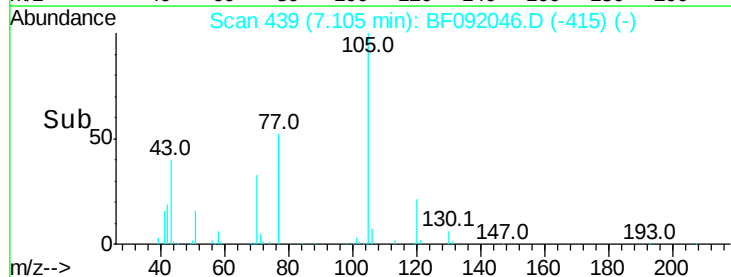


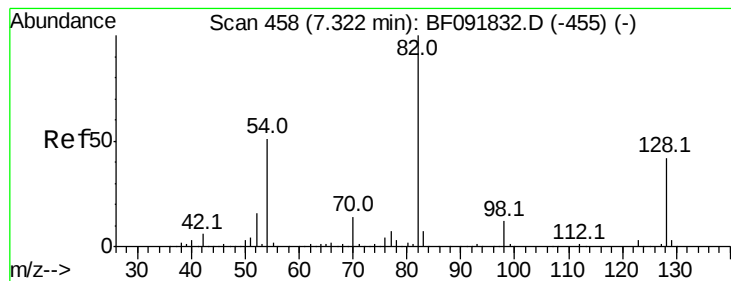
#22
Acetophenone
Concen: 55.43 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:	105	Resp:	988004
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.2	4.8#
51	25.0	26.2	39.4#
120	20.8	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 98.53 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

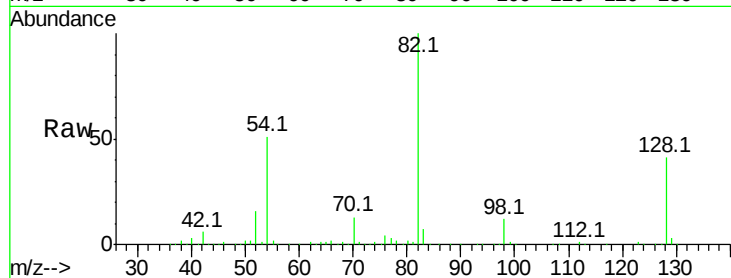
Tot Ion: 82 Resp: 1280505

Ion Ratio Lower Upper

82 100

128 41.3 34.6 52.0

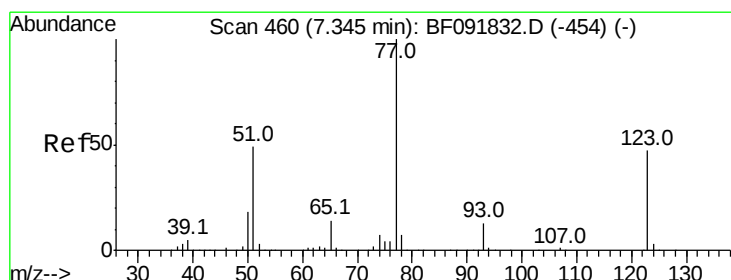
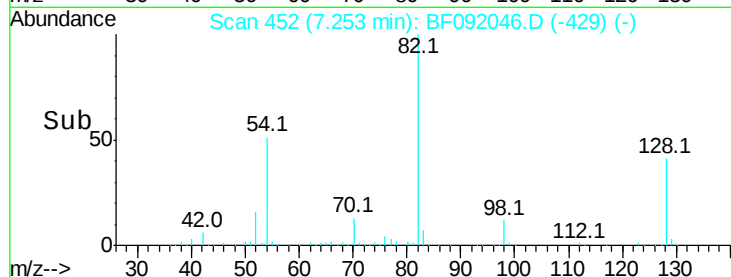
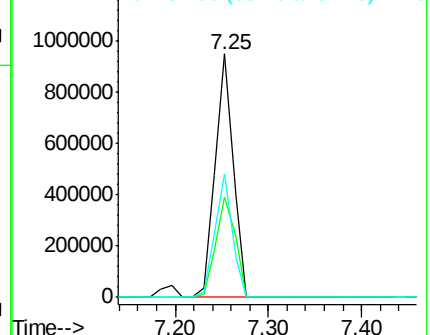
54 50.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 53.27 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

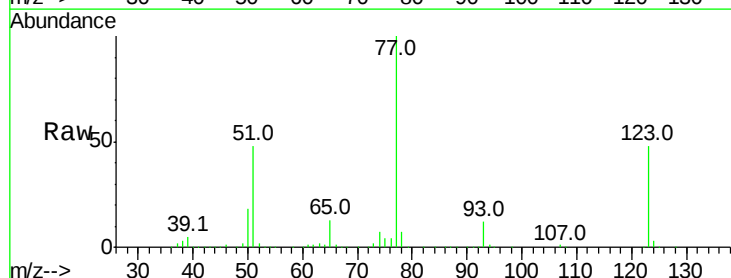
Tgt Ion: 77 Resp: 737400

Ion Ratio Lower Upper

77 100

123 47.9 33.0 49.4

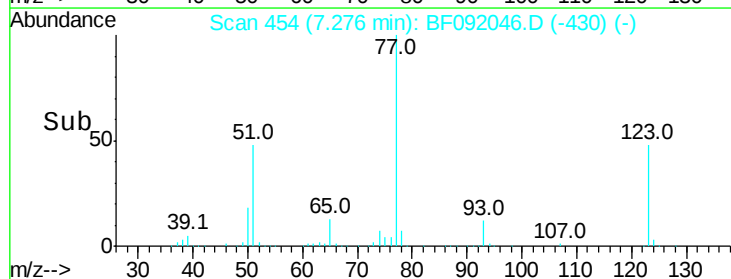
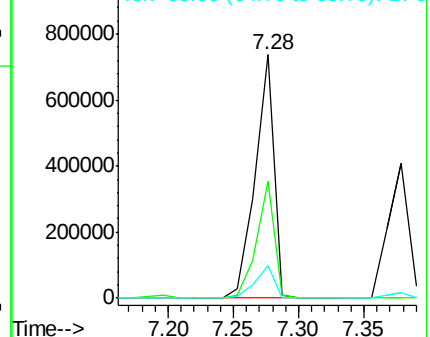
65 13.2 11.2 16.8

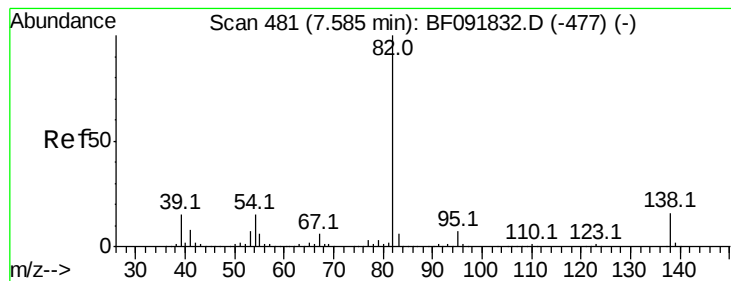


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.18 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampled :

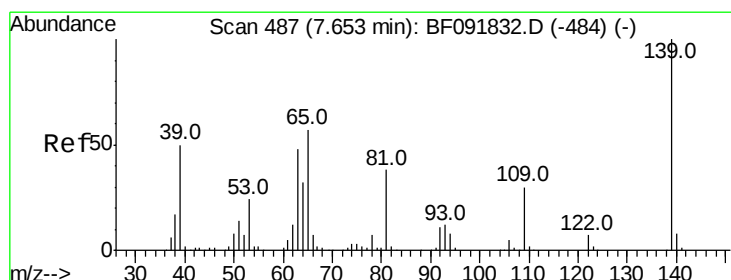
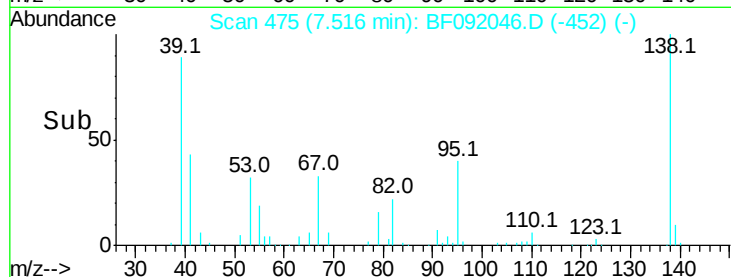
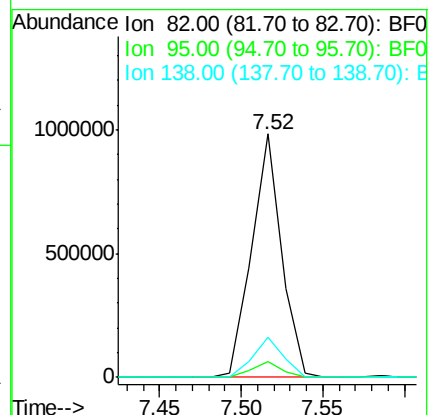
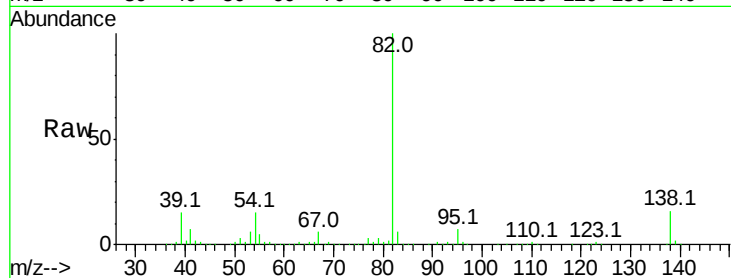
Tot Ion: 82 Resp: 1251248

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.4 14.6 22.0



#26

2-Nitrophenol

Concen: 50.99 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

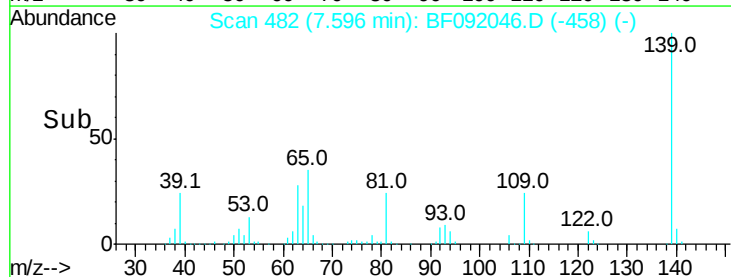
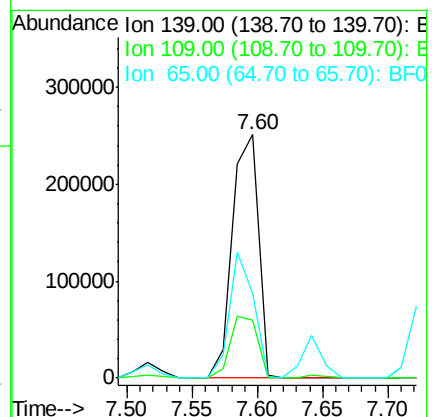
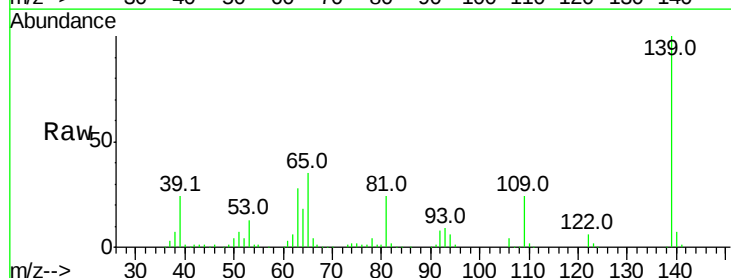
Tgt Ion:139 Resp: 348043

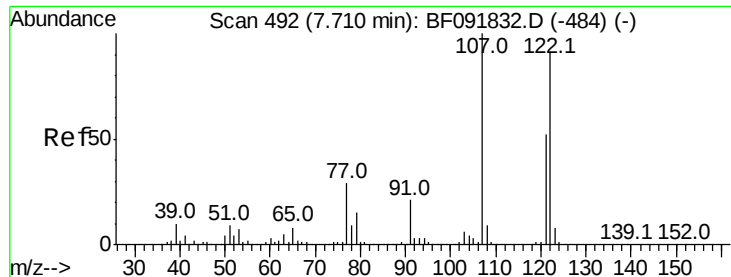
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 34.7 42.7 64.1#

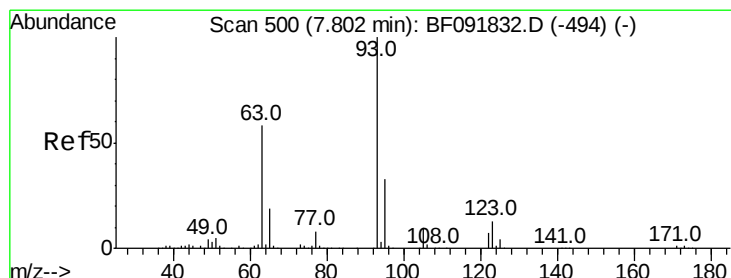
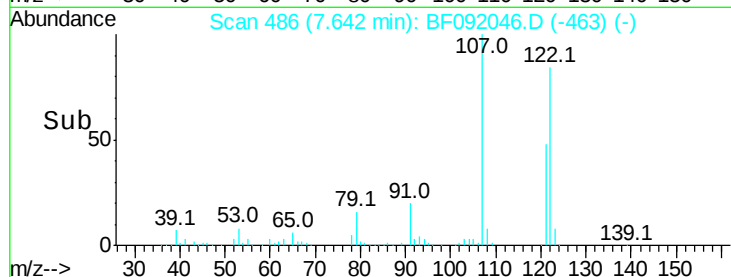
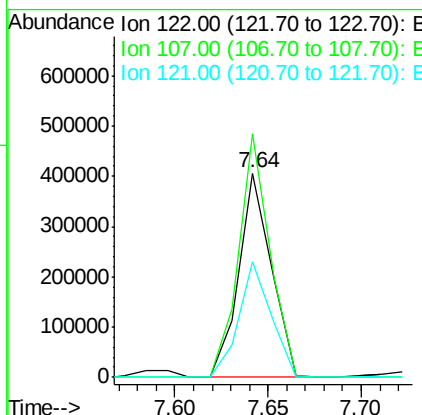
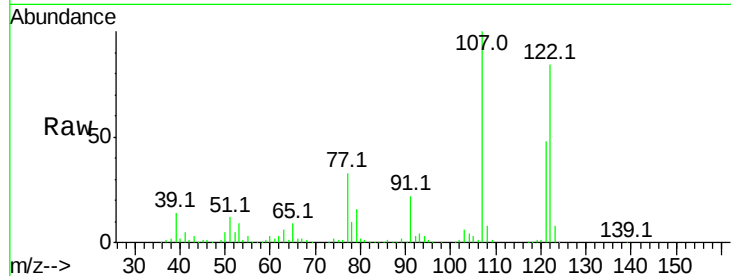




#27
2,4-Dimethylphenol
Concen: 43.55 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

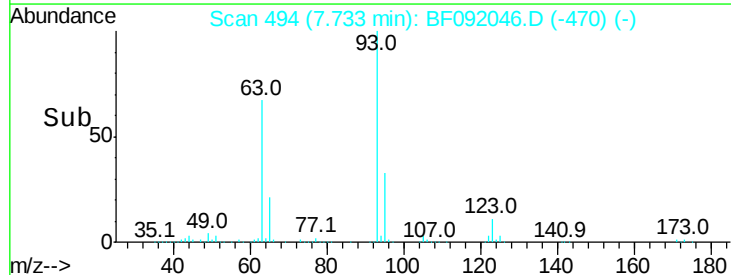
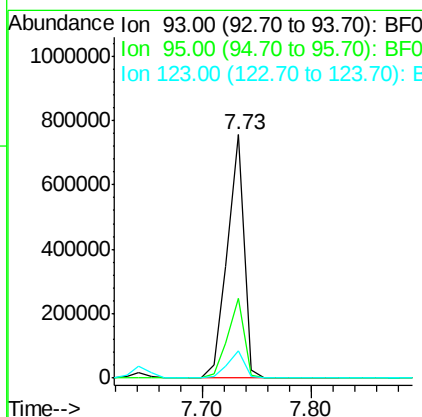
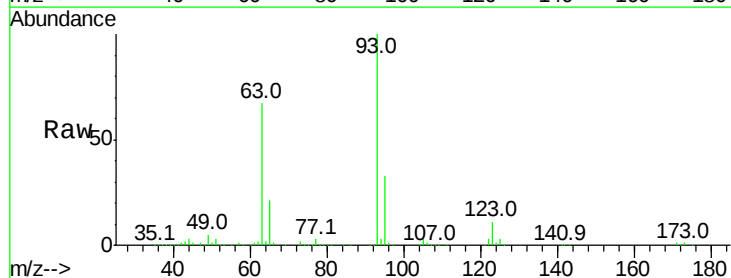
Instrument :
BNA_F
ClientSampleId :

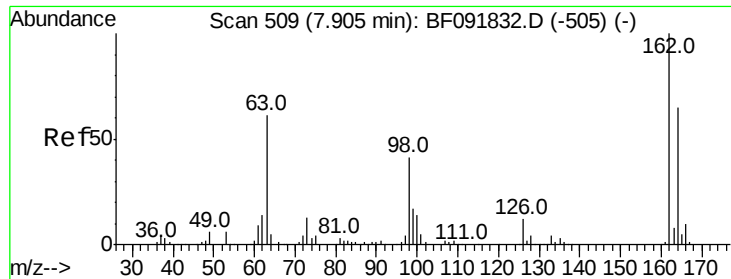
Tot Ion:122 Resp: 493085
Ion Ratio Lower Upper
122 100
107 119.3 94.1 141.1
121 56.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 55.33 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion: 93 Resp: 804563
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.1 8.6 13.0

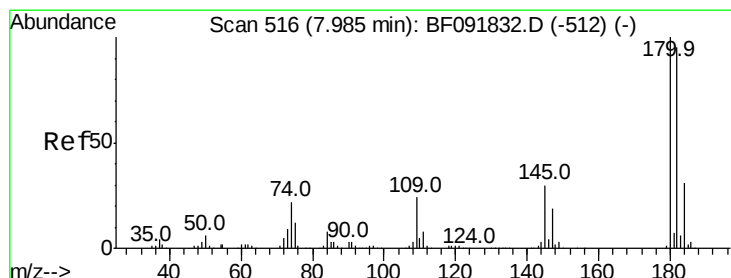
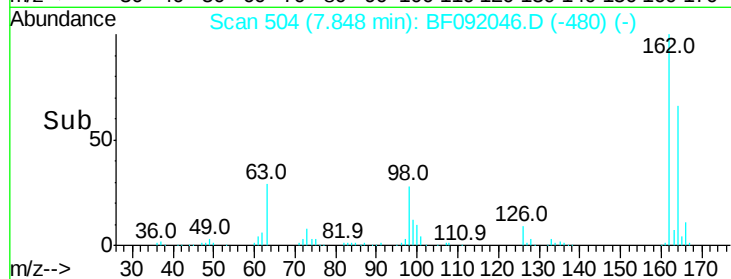
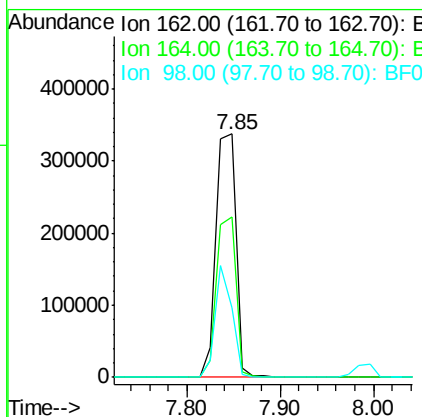
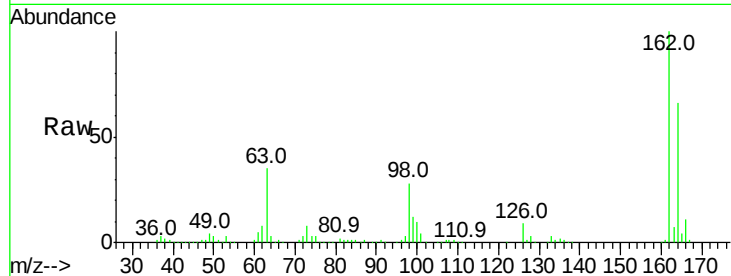




#29
 2,4-Dichlorophenol
 Concen: 52.16 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

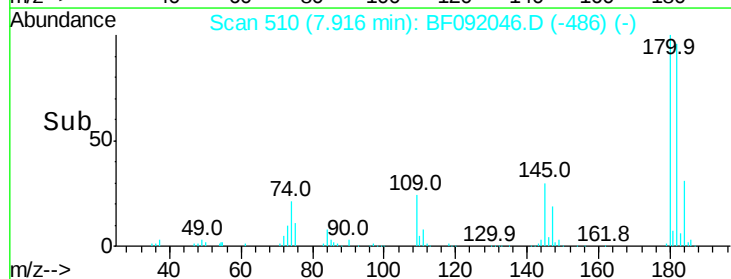
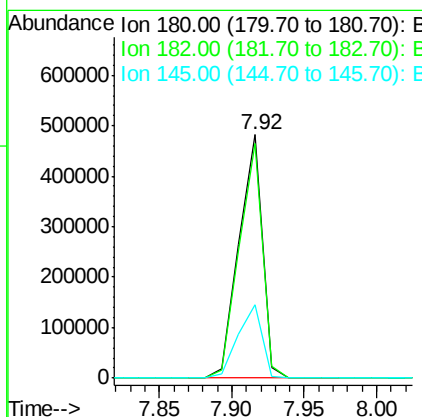
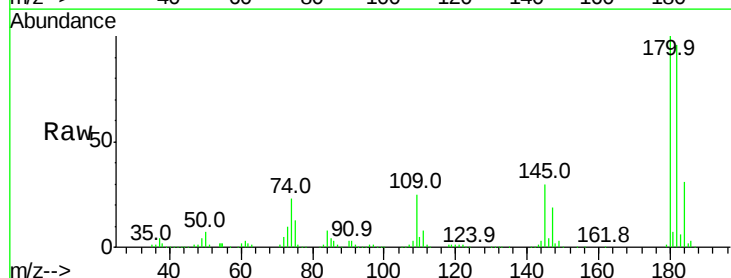
Instrument :
 BNA_F
 ClientSampleId :

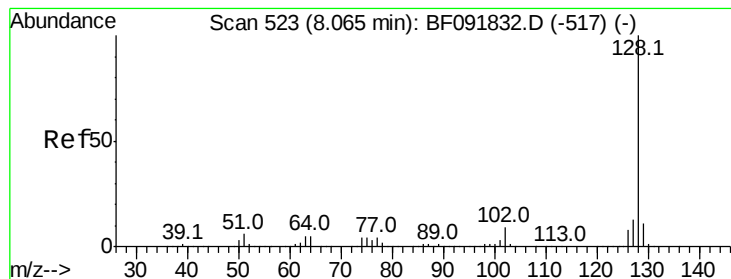
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.8	86.8
98	28.5	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 51.49 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.2	117.4
145	30.3	21.6	32.4





#31

Naphthalene

Concen: 53.85 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

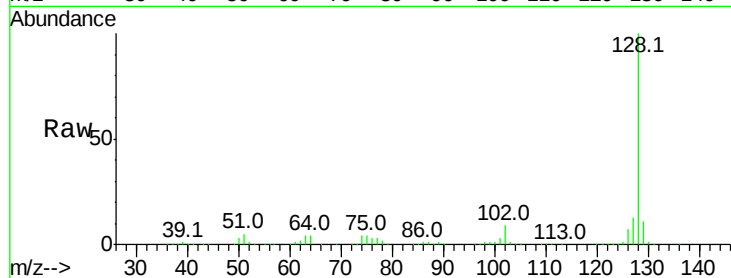
Tot Ion:128 Resp: 1781187

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

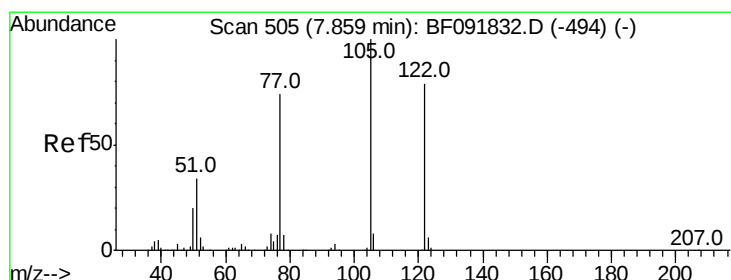
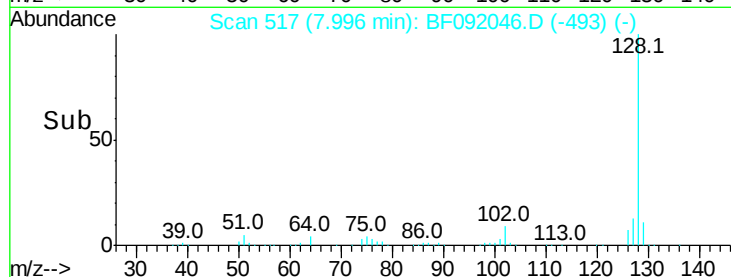
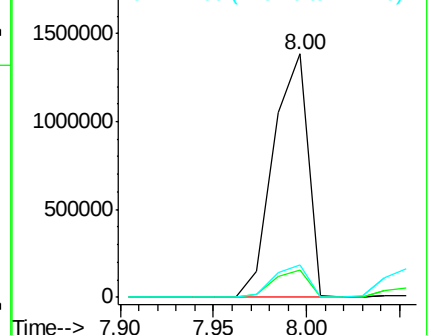
127 13.3 10.8 16.2



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: 9.67 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.09 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

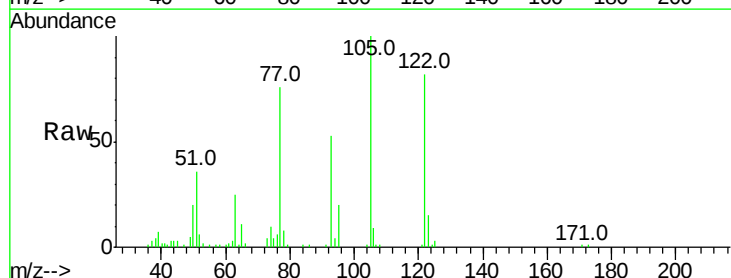
Tgt Ion:122 Resp: 81245

Ion Ratio Lower Upper

122 100

105 121.2 107.2 147.2

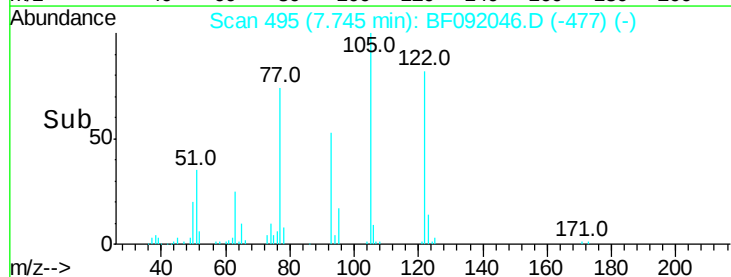
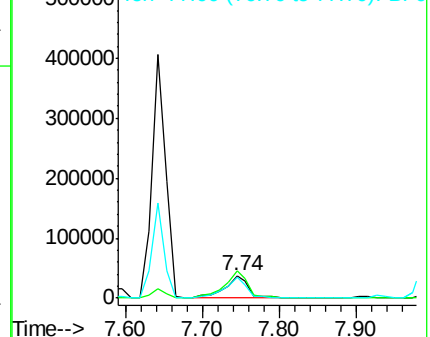
77 92.1 74.5 114.5

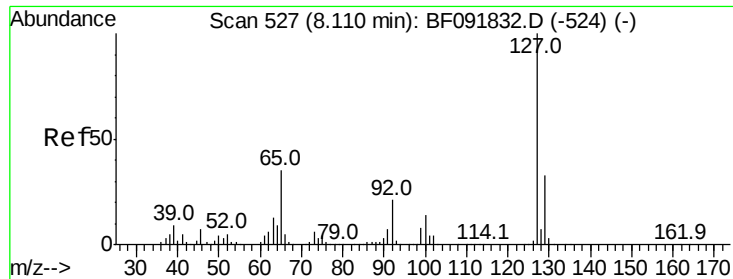


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

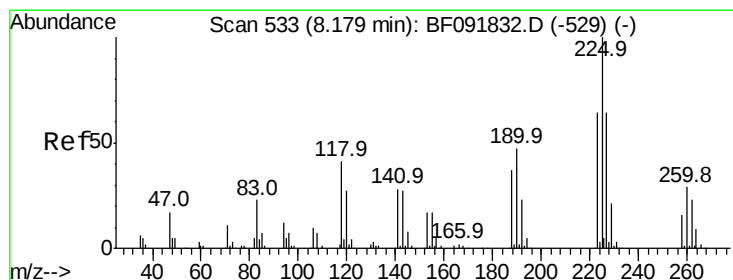
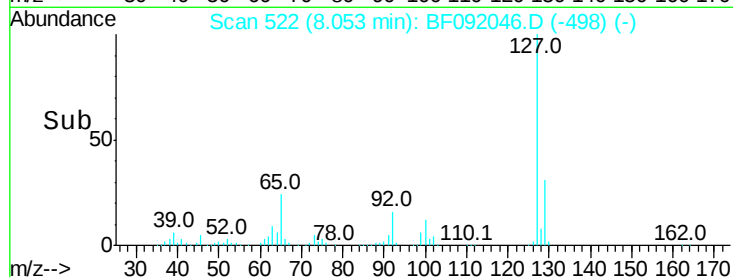
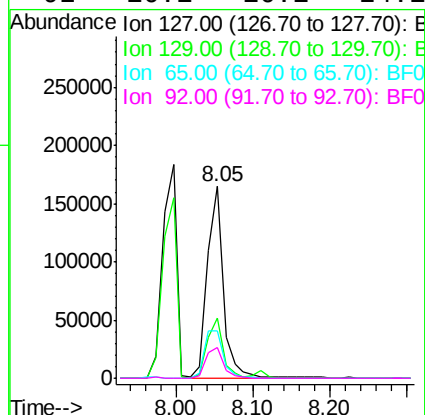
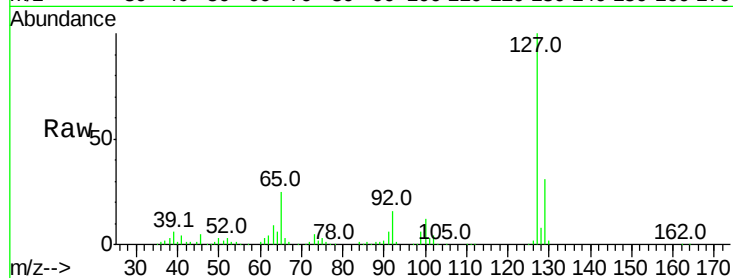




#33
4-Chloroaniline
Concen: 15.84 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

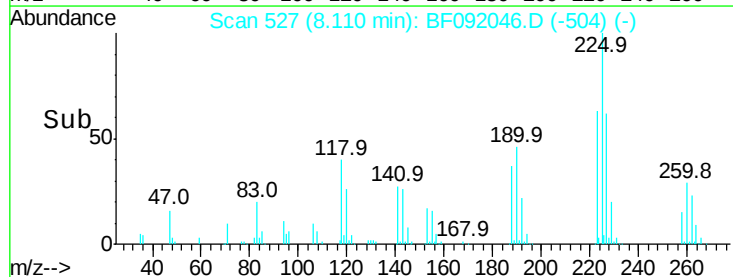
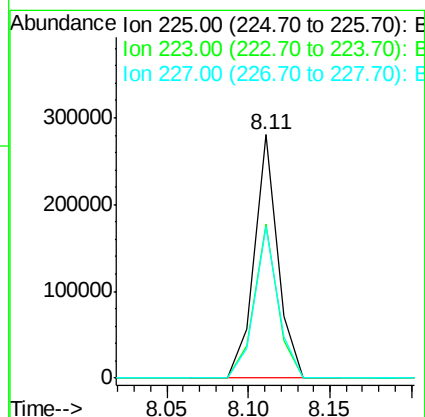
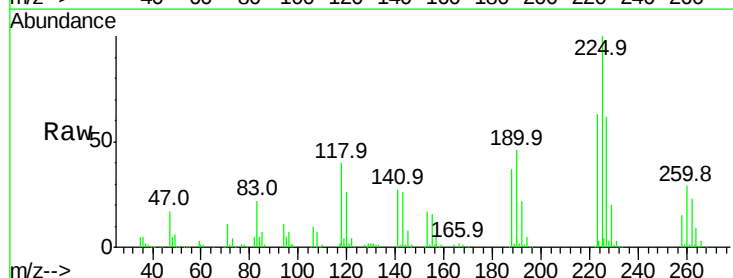
Instrument :
BNA_F
ClientSampleId :

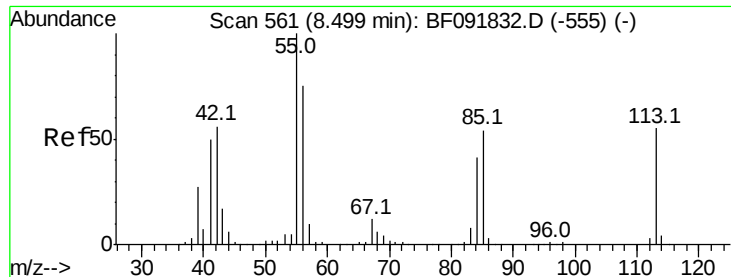
Tot Ion:	127	Resp:	236280
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	24.7	25.8	38.8#
92	16.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 50.54 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:	225	Resp:	280292
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	62.2	50.6	76.0





#35

Caprolactam

Concen: 26.11 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampled :

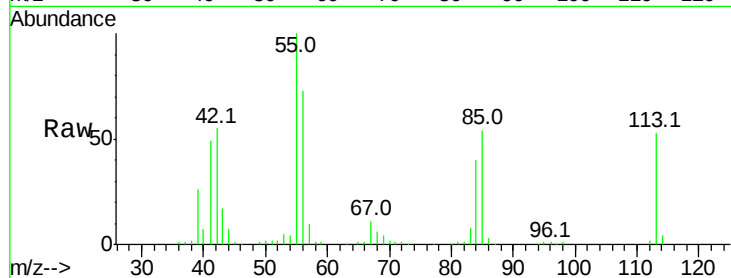
Tot Ion:113 Resp: 82269

Ion Ratio Lower Upper

113 100

55 188.5 119.2 159.2#

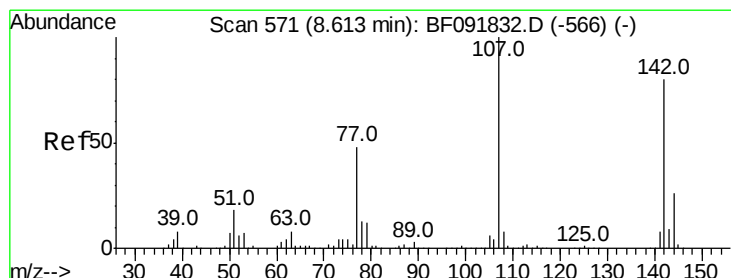
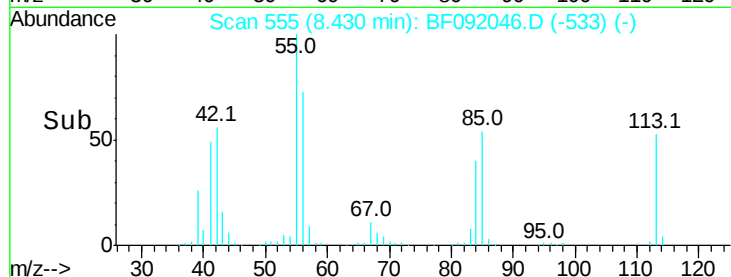
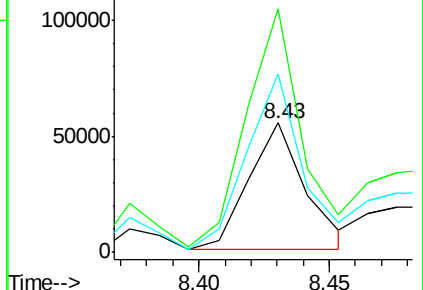
56 137.8 83.8 123.8#



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: 52.08 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

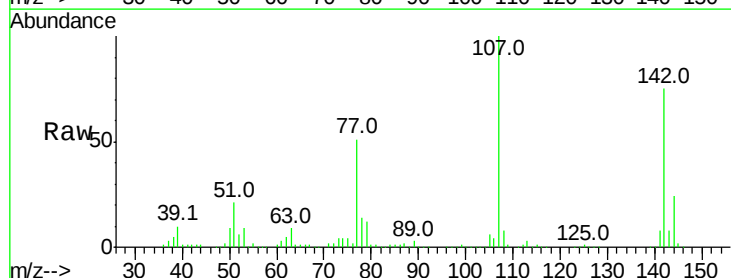
Tgt Ion:107 Resp: 574494

Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

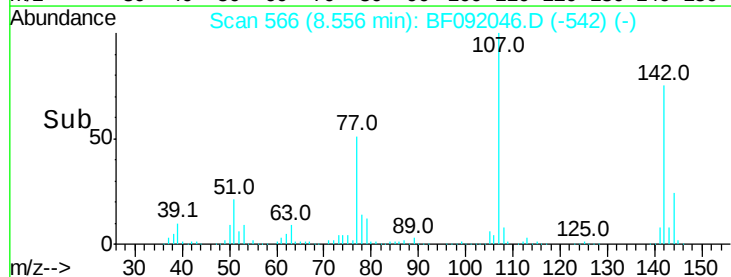
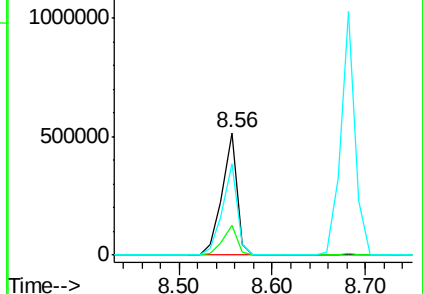
142 74.7 59.0 88.6

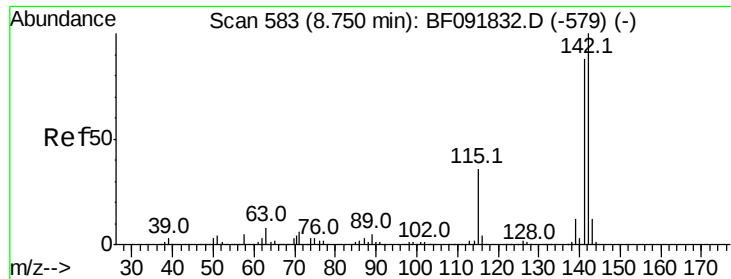


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

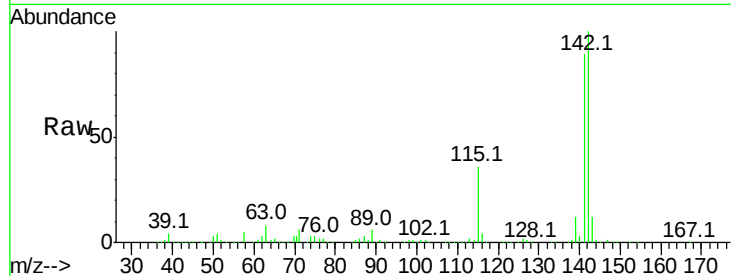




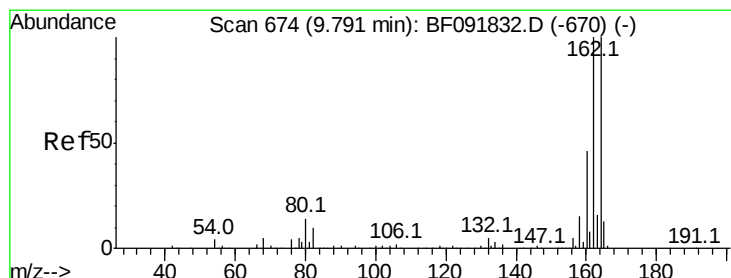
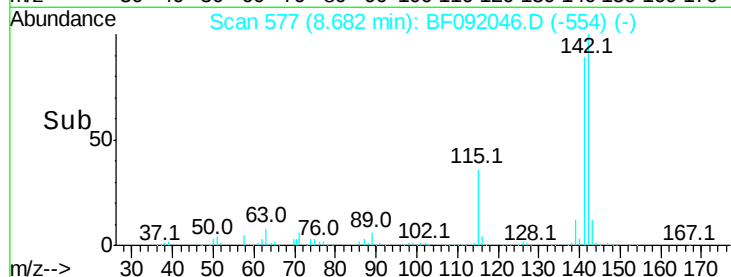
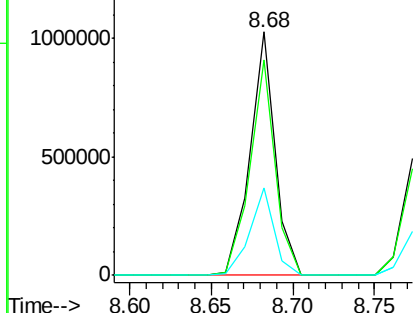
#37
2-Methylnaphthalene
Concen: 65.31 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1097609
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 36.0 28.3 42.5

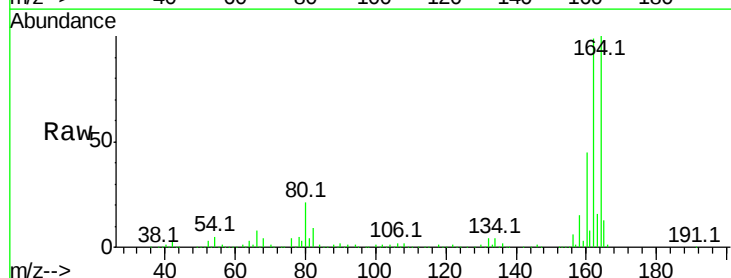


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

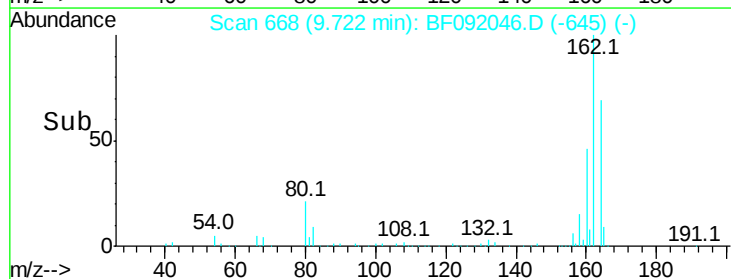
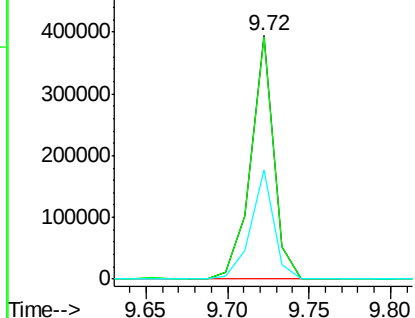


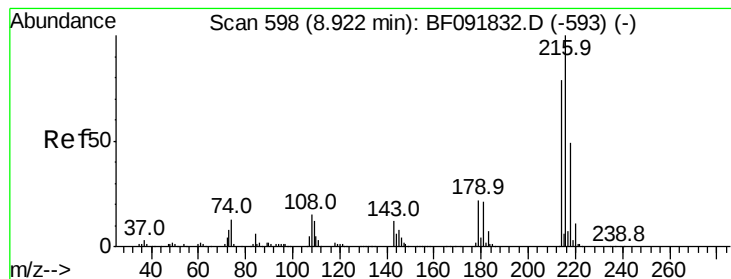
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:164 Resp: 383710
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 44.9 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.39 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 498182

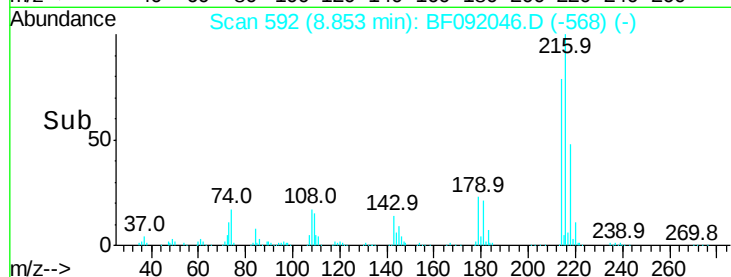
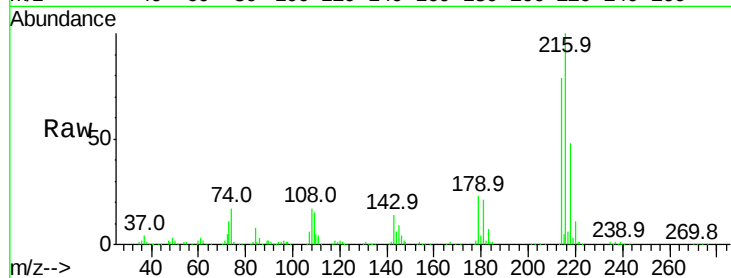
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 23.2 17.4 26.2

108 22.8 15.6 23.4

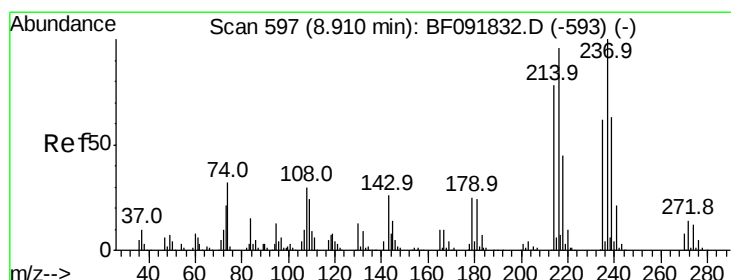
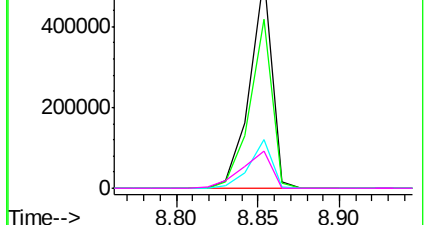


Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.70 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

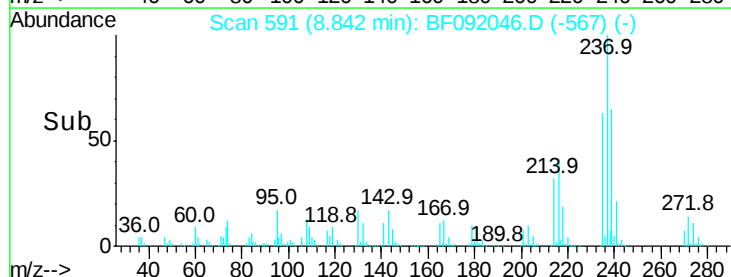
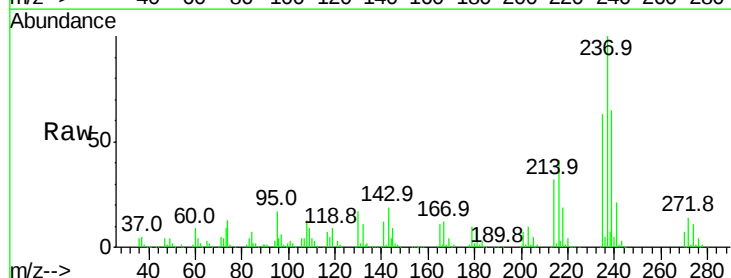
Tgt Ion:237 Resp: 444013

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

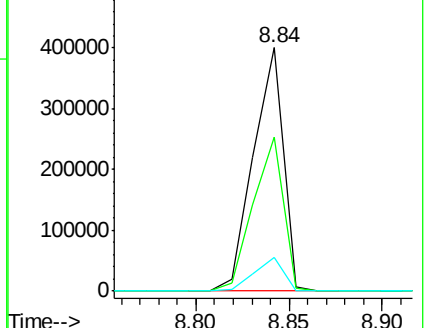
272 14.0 0.0 35.4

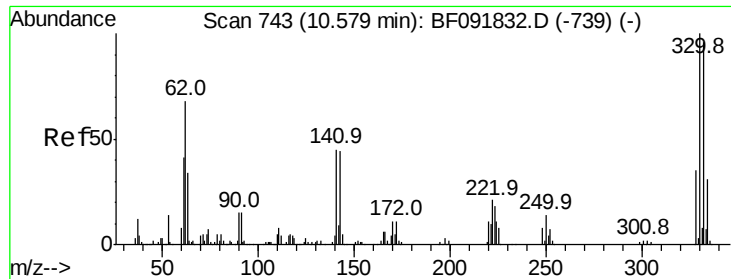


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

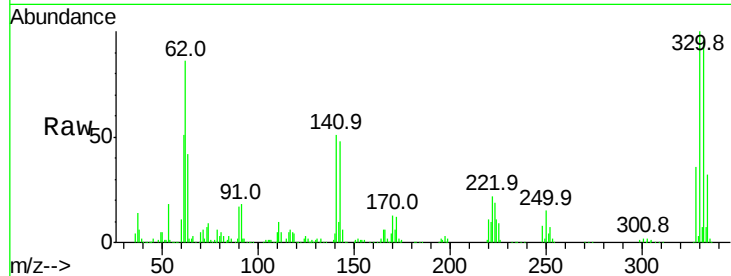




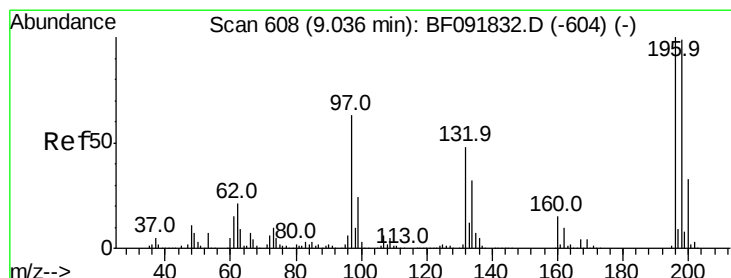
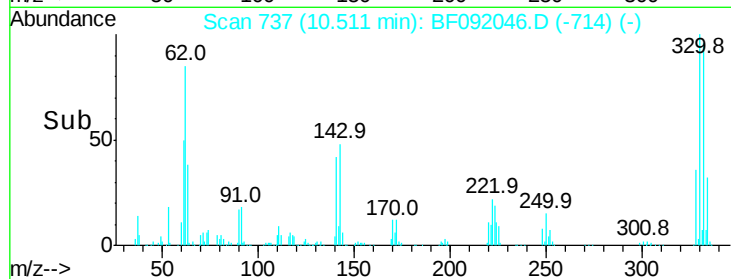
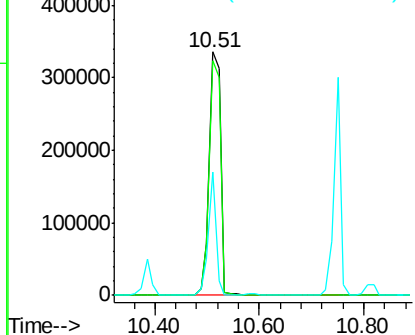
#41
 2,4,6-Tribromophenol
 Concen: 160.94 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 511050
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 34.0 34.1 51.1#

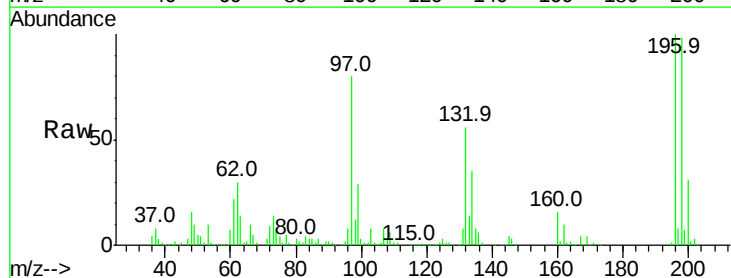


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

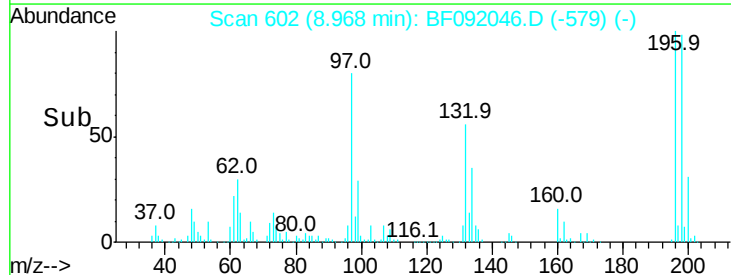
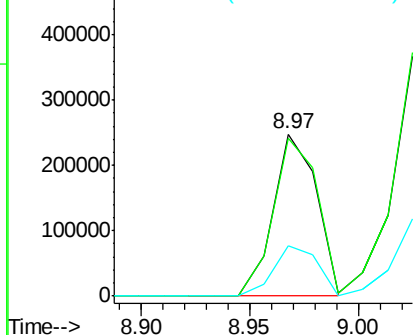


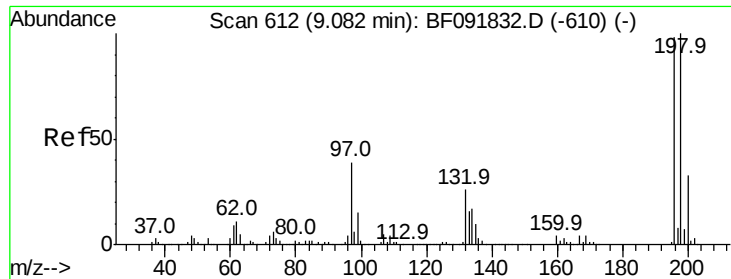
#42
 2,4,6-Trichlorophenol
 Concen: 51.12 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:196 Resp: 346591
 Ion Ratio Lower Upper
 196 100
 198 97.8 82.1 123.1
 200 31.3 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

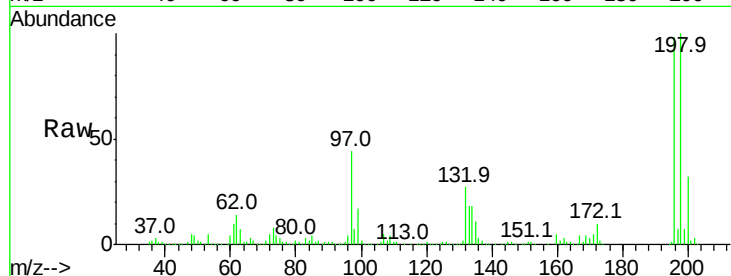




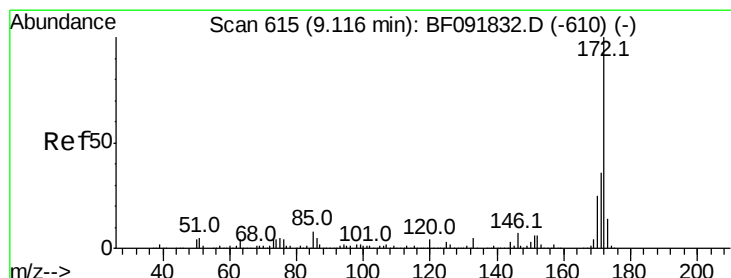
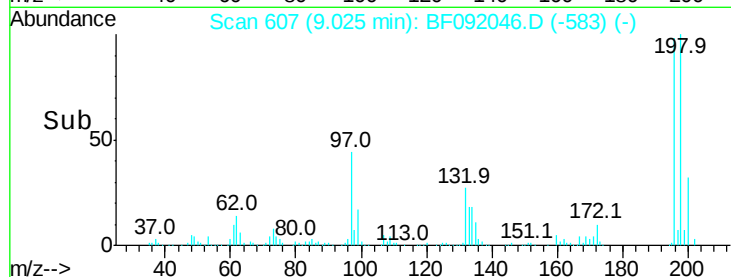
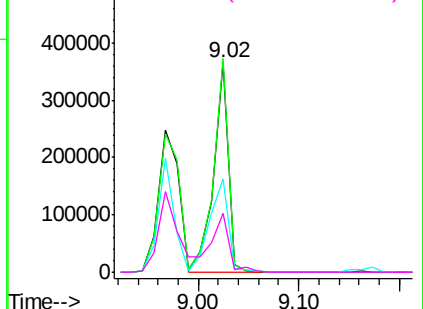
#43
 2,4,5-Trichlorophenol
 Concen: 53.28 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	371777
Ion	Ratio	Lower	Upper
196	100		
198	101.8	79.4	119.2
97	44.7	51.5	77.3#
132	27.9	27.4	41.2

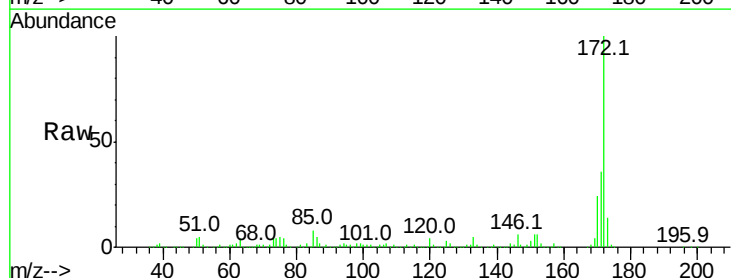


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

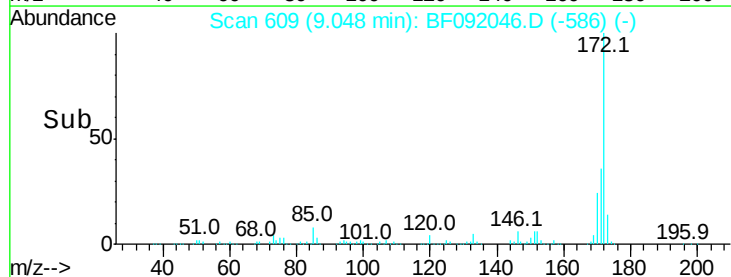
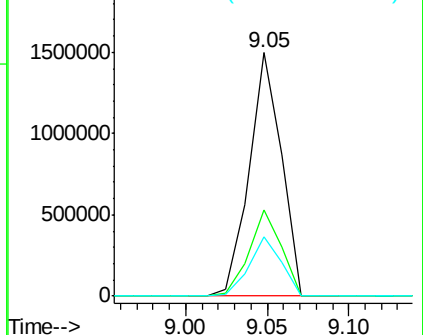


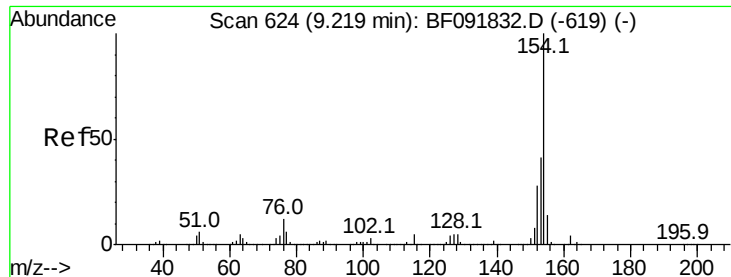
#44
 2-Fluorobiphenyl
 Concen: 113.24 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:	172	Resp:	2040402
Ion	Ratio	Lower	Upper
172	100		
171	35.6	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: 54.83 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

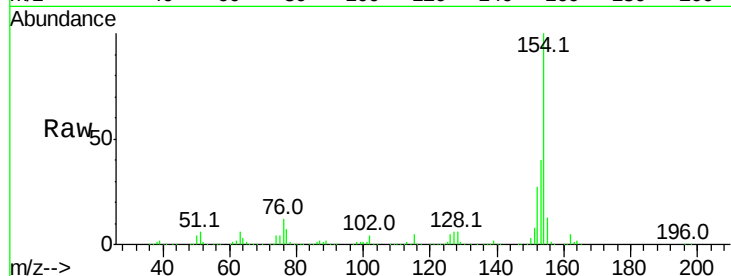
Tot Ion:154 Resp: 1440608

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

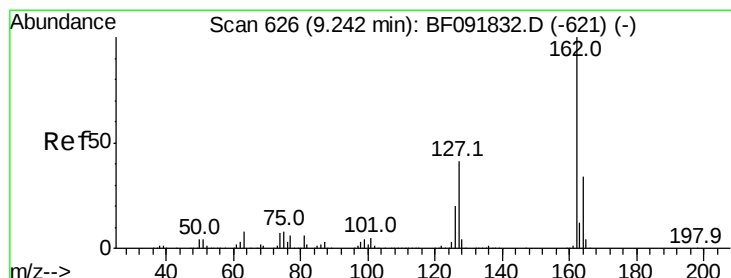
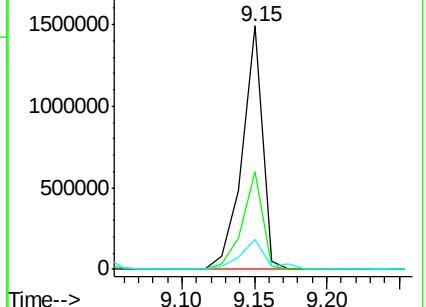
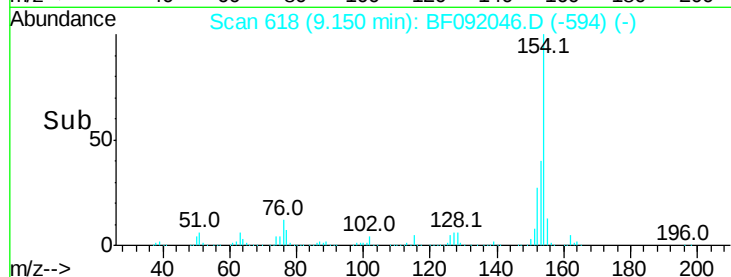
76 12.4 0.0 30.5



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): E



#46

2-Chloronaphthalene

Concen: 52.85 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

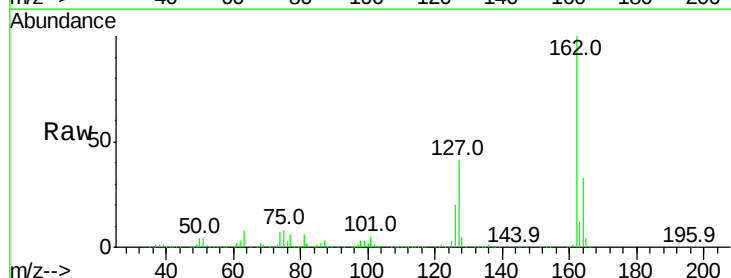
Tgt Ion:162 Resp: 1099656

Ion Ratio Lower Upper

162 100

127 40.9 30.7 46.1

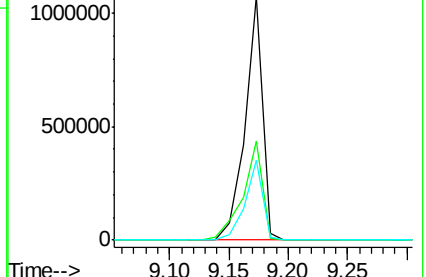
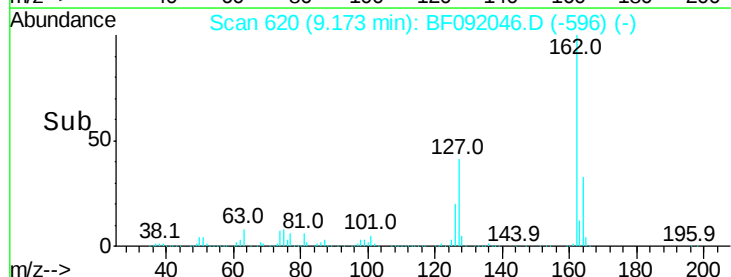
164 32.9 27.6 41.4

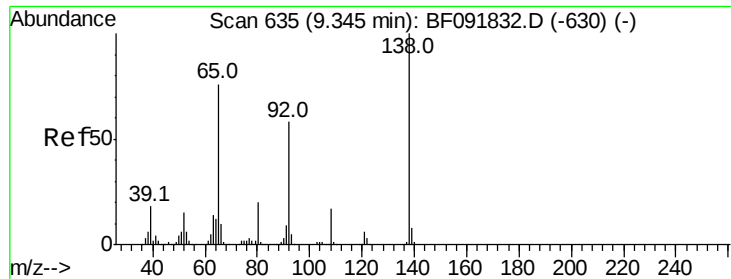


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

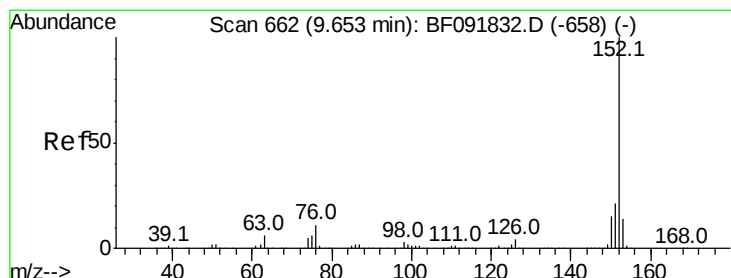
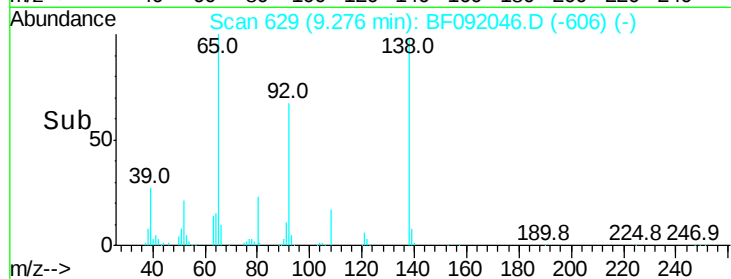
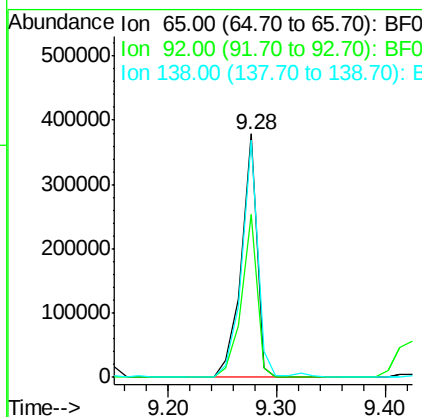
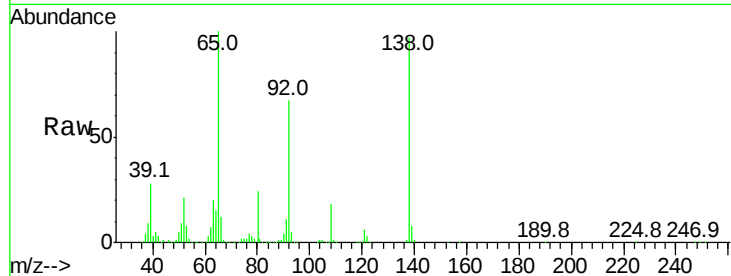




#47
2-Nitroaniline
Concen: 50.66 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

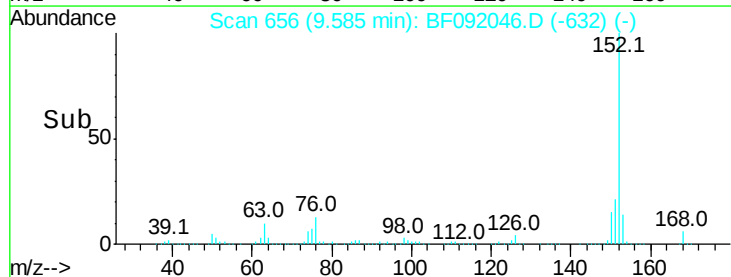
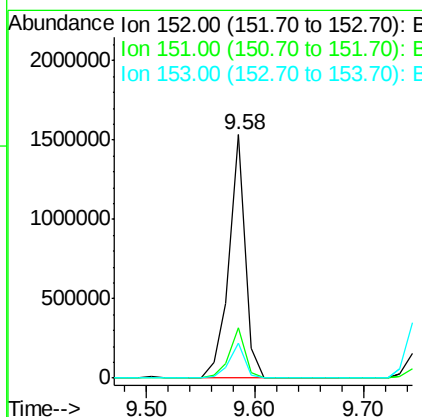
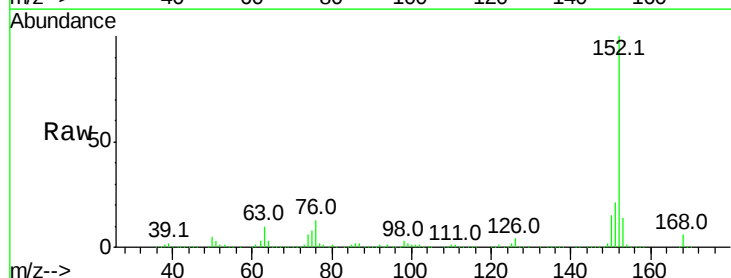
Instrument :
BNA_F
ClientSampleId :

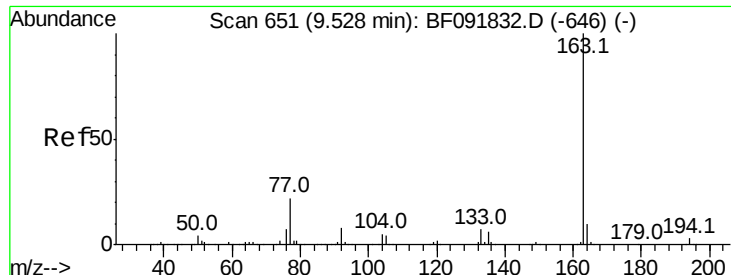
Tot Ion: 65 Resp: 375278
Ion Ratio Lower Upper
65 100
92 67.0 53.9 80.9
138 97.3 76.8 115.2



#48
Acenaphthylene
Concen: 49.24 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion: 152 Resp: 1575640
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 82.91 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

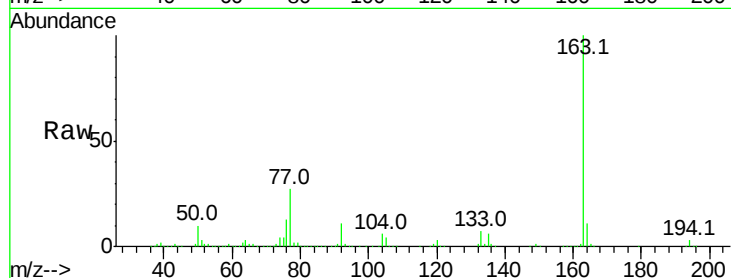
Tot Ion:163 Resp: 2034623

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

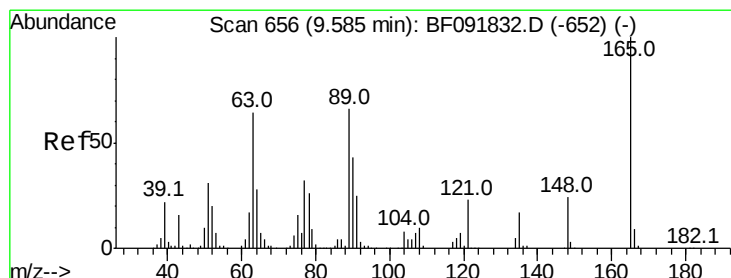
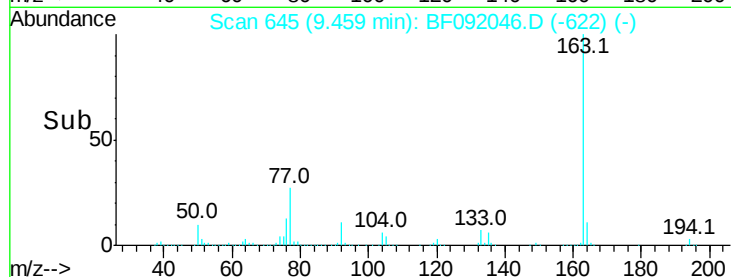
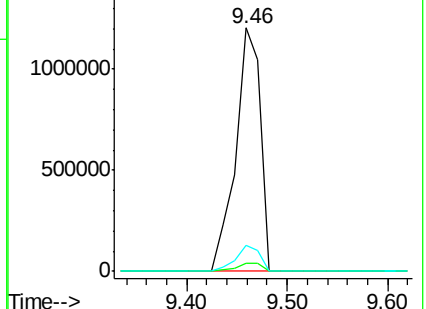
164 10.9 8.0 12.0



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: 55.36 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

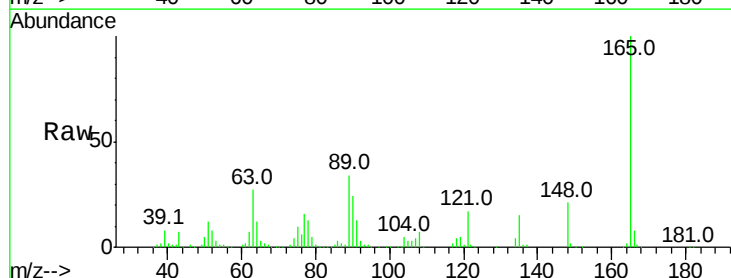
Tgt Ion:165 Resp: 297360

Ion Ratio Lower Upper

165 100

63 26.9 36.2 54.4#

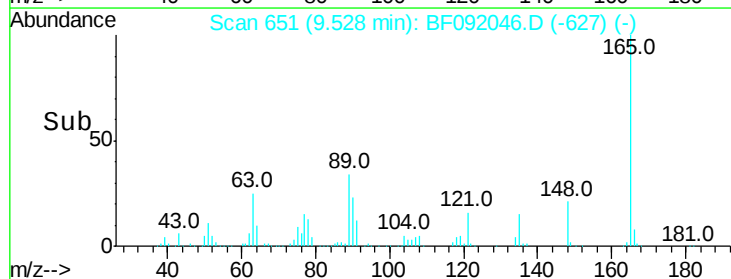
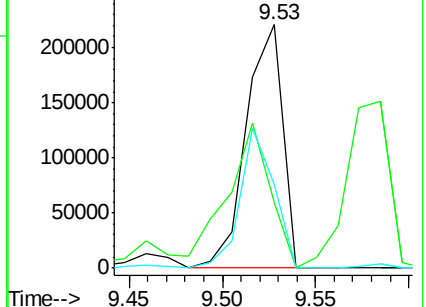
89 34.3 40.2 60.4#

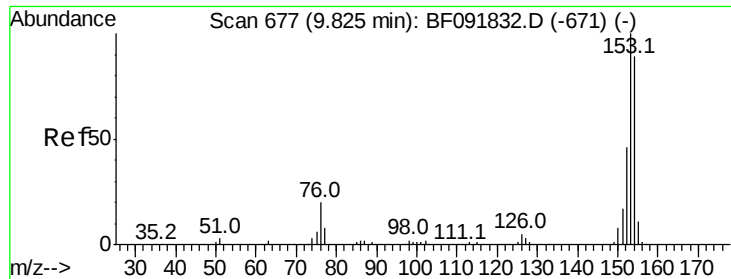


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.76 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

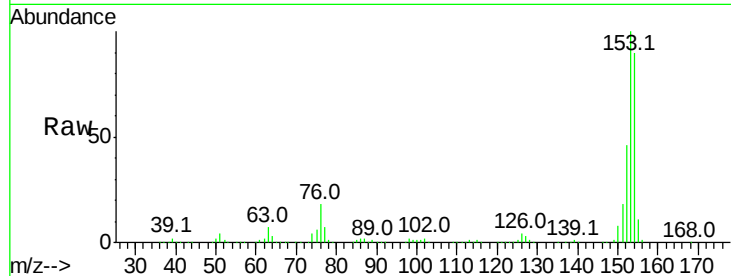
Tot Ion:154 Resp: 1014308

Ion Ratio Lower Upper

154 100

153 111.3 88.6 133.0

152 51.0 41.6 62.4

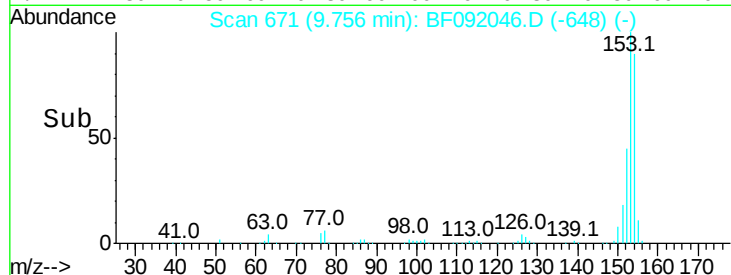


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



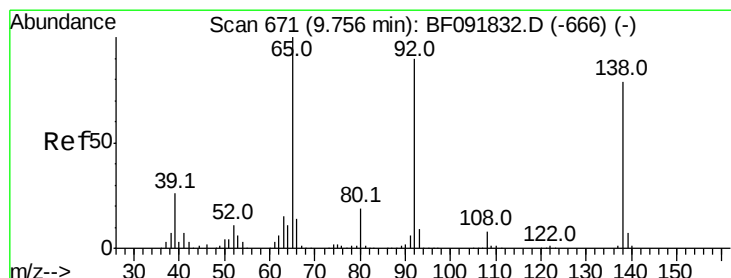
Abundance

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

Time-->



#52

3-Nitroaniline

Concen: 28.53 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

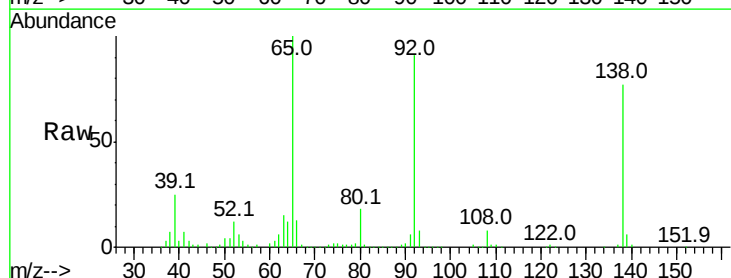
Tgt Ion:138 Resp: 189632

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

92 118.1 97.8 146.8

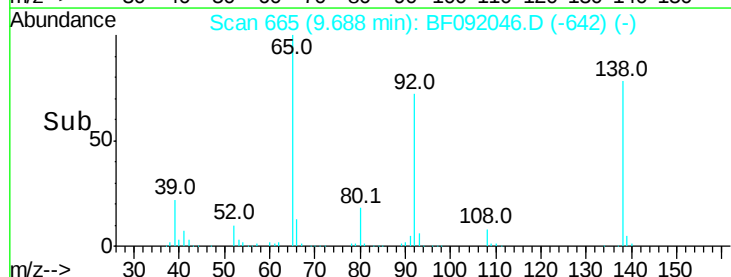


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

Time-->



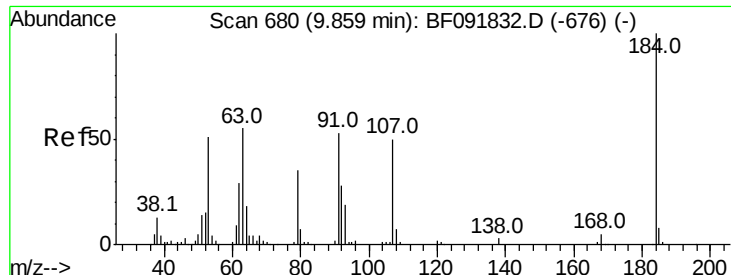
Abundance

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

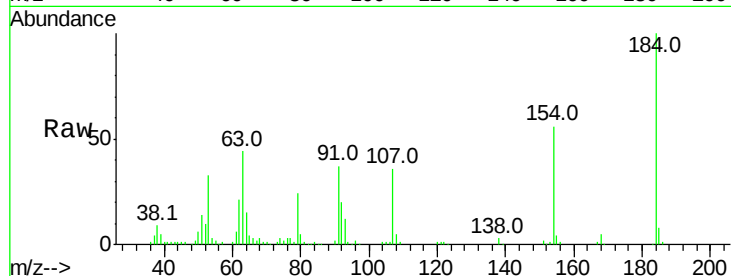
Time-->



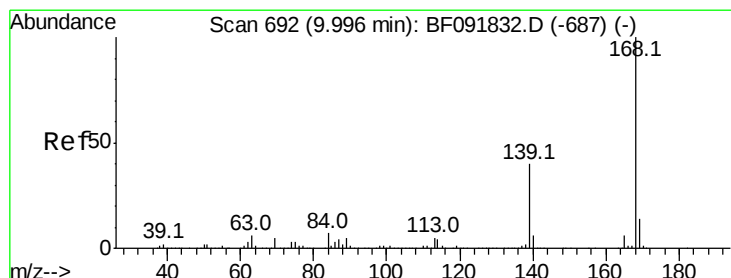
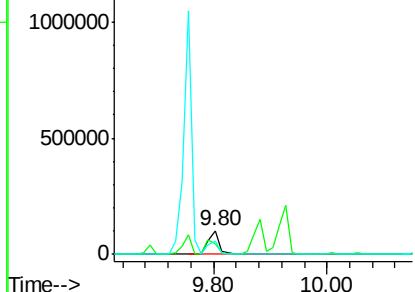
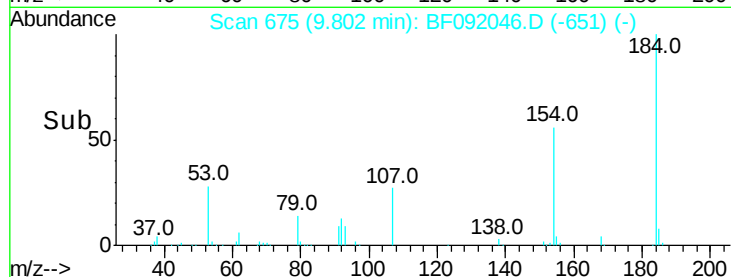
#53
2,4-Dinitrophenol
Concen: 47.28 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 141314
Ion Ratio Lower Upper
184 100
63 44.2 28.4 42.6#
154 55.9 44.3 66.5

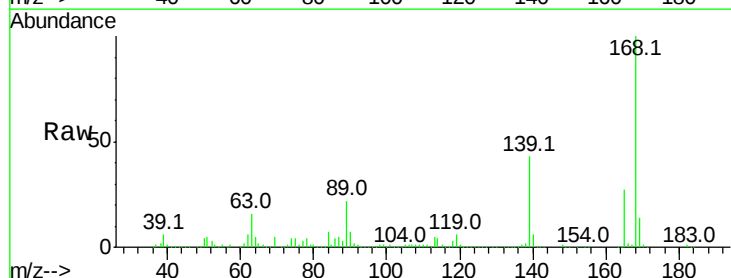


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

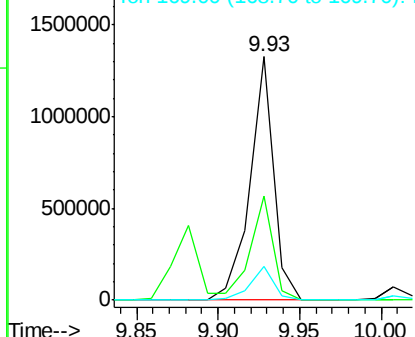
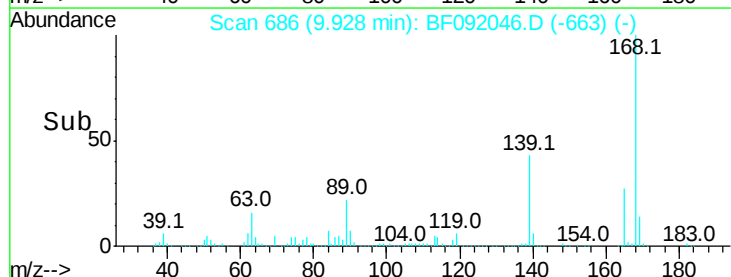


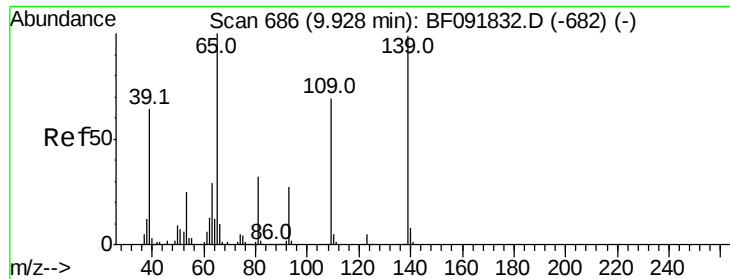
#54
Dibenzofuran
Concen: 45.57 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:168 Resp: 1335190
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.7 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





#55

4-Nitrophenol

Concen: 102.40 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampled :

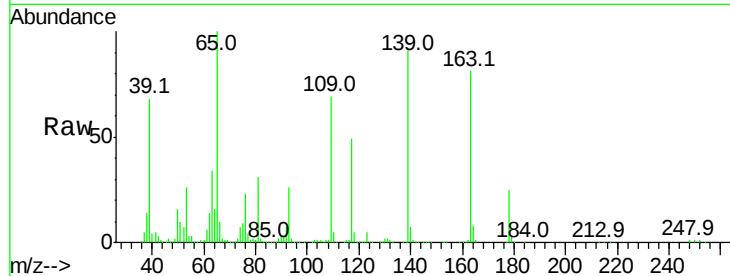
Tot Ion:139 Resp: 462180

Ion Ratio Lower Upper

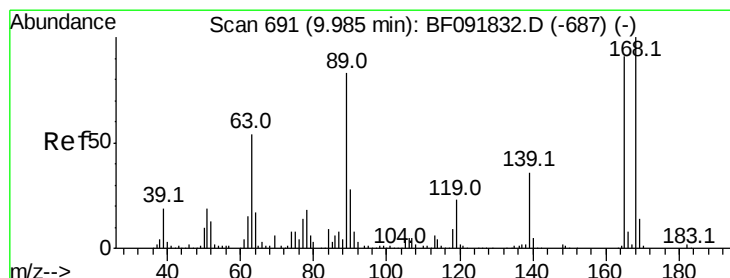
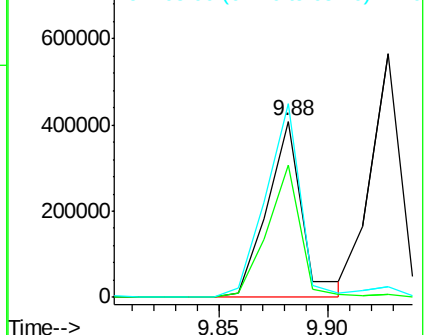
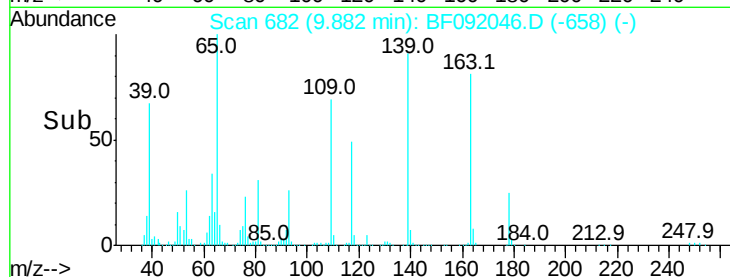
139 100

109 75.4 52.2 92.2

65 109.8 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: 57.80 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Tgt Ion:165 Resp: 389655

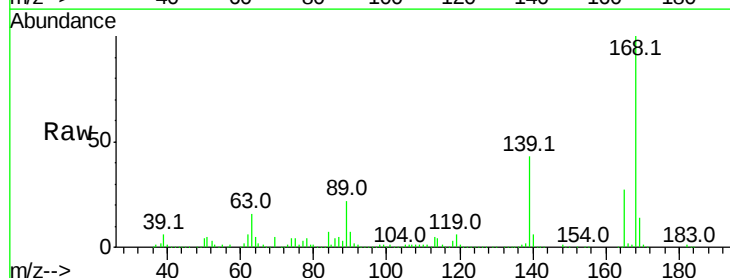
Ion Ratio Lower Upper

165 100

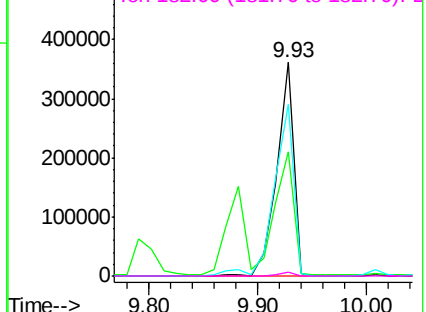
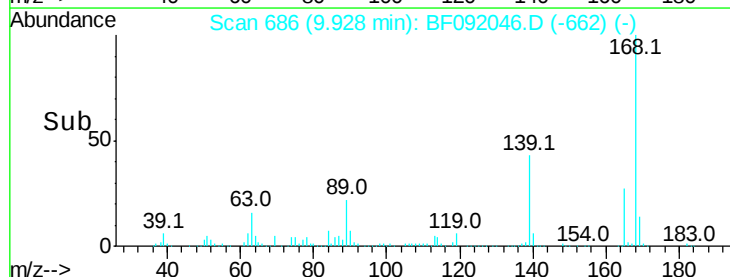
63 58.4 40.2 60.4

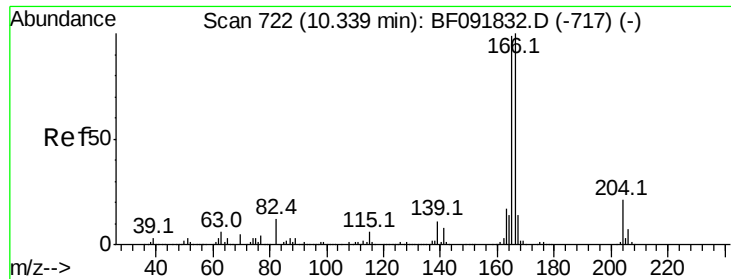
89 80.2 62.5 93.7

182 2.1 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

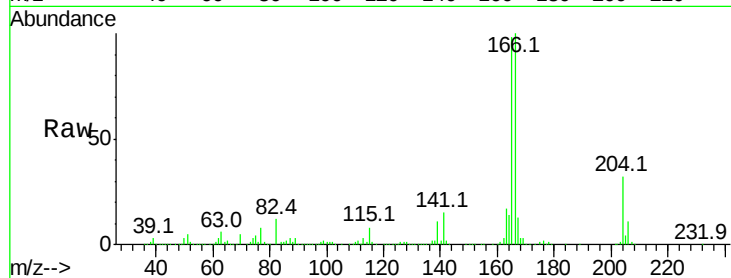




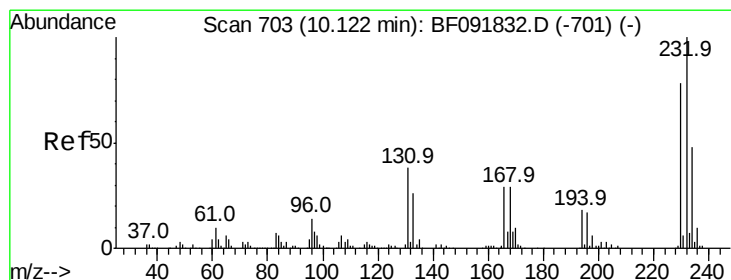
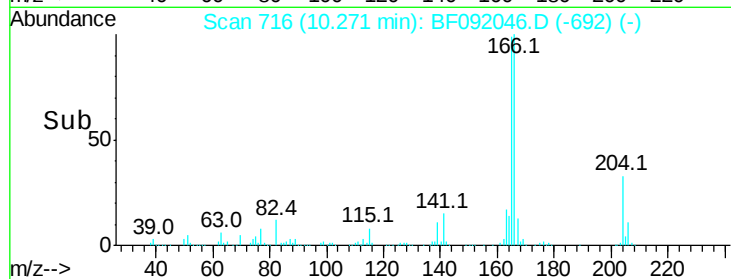
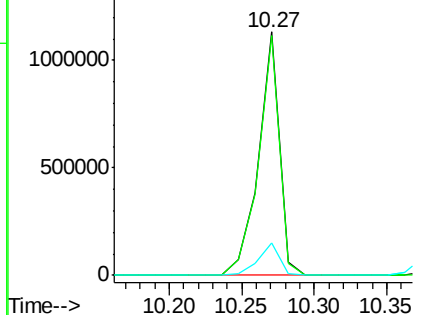
#57
 Fluorene
 Concen: 53.22 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1134373
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.8 116.8
 167 13.5 10.8 16.2

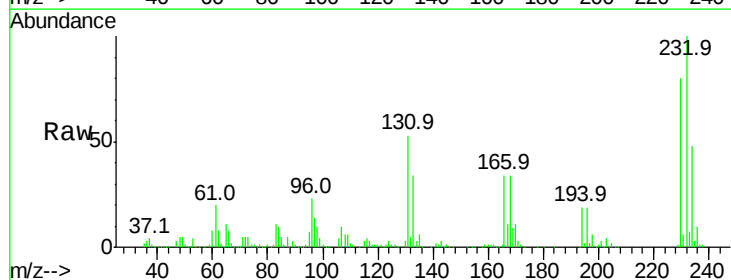


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

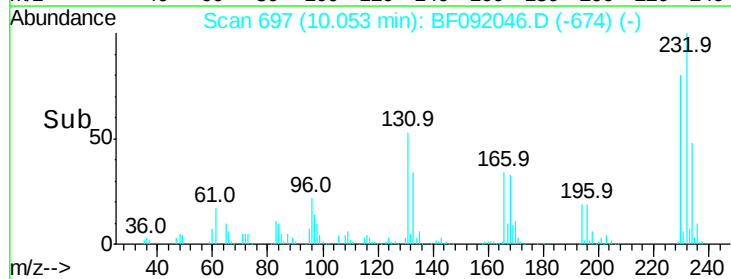
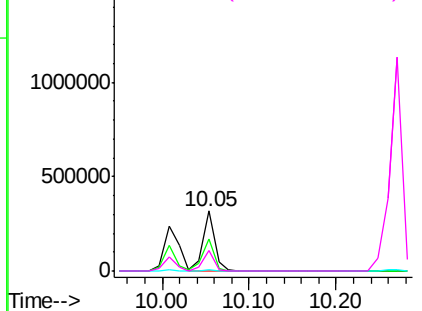


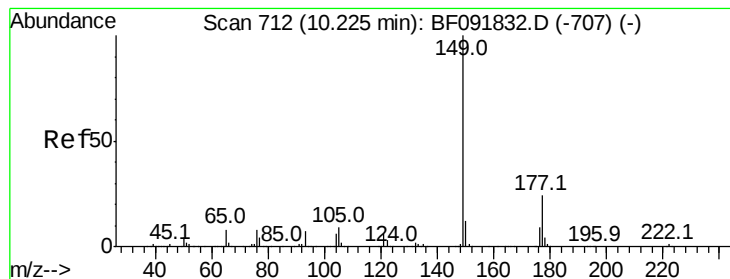
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.43 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:232 Resp: 300382
 Ion Ratio Lower Upper
 232 100
 131 51.7 40.1 60.1
 130 2.7 1.8 2.8
 166 32.6 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: 50.88 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampled :

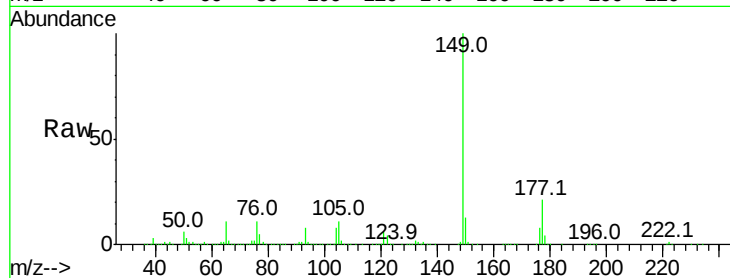
Tot Ion:149 Resp: 1212563

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

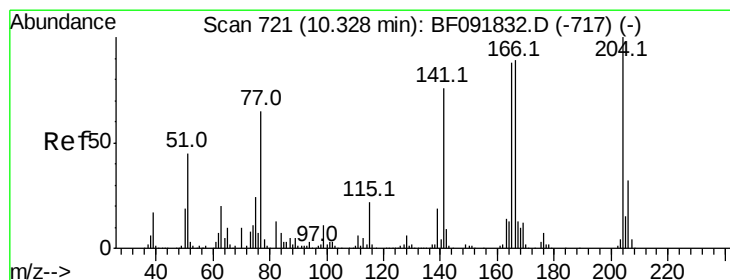
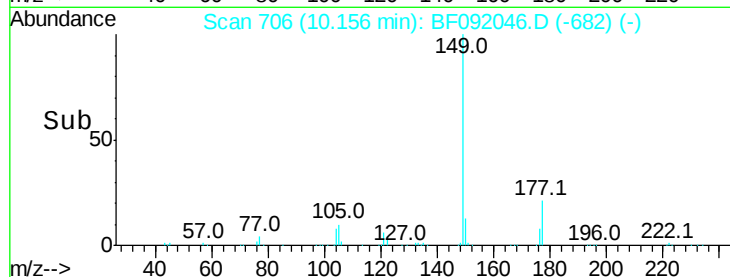
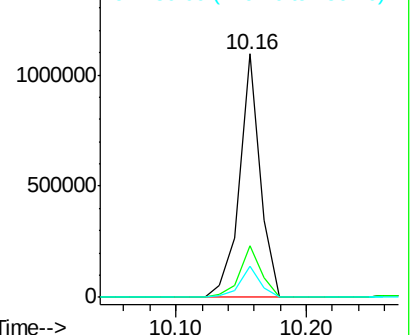
150 12.9 10.4 15.6



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: 53.68 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

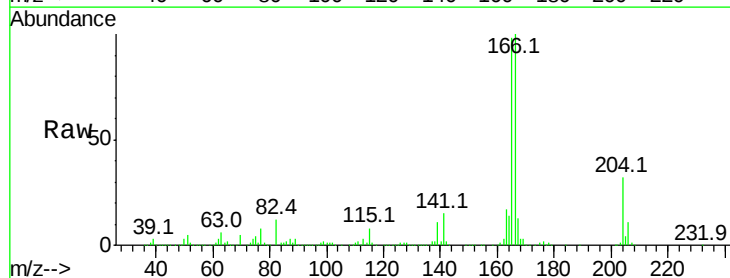
Tgt Ion:204 Resp: 501006

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

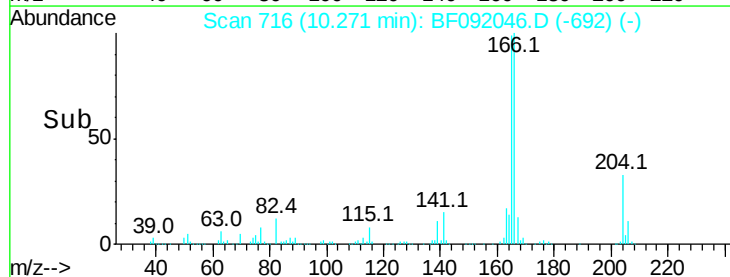
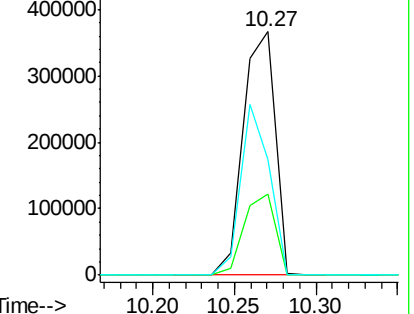
141 47.4 59.4 89.0#

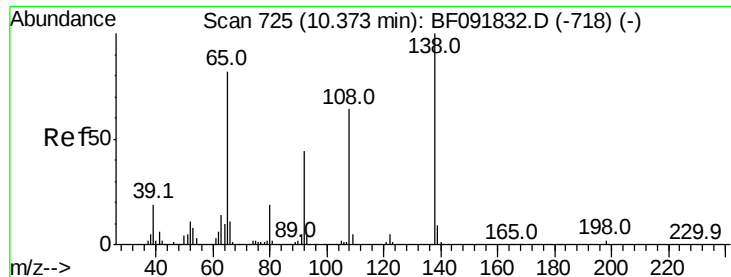


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

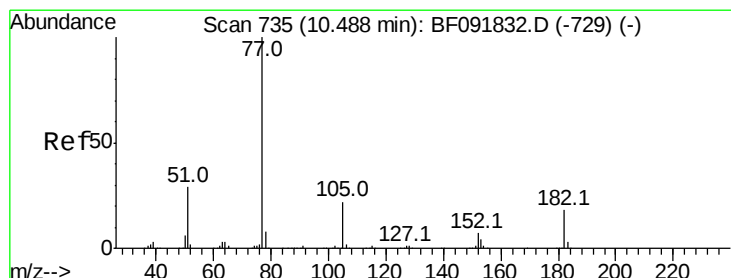
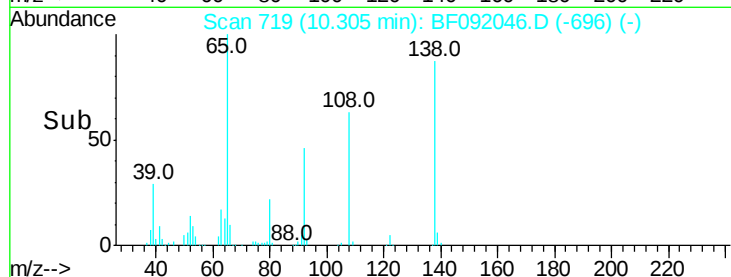
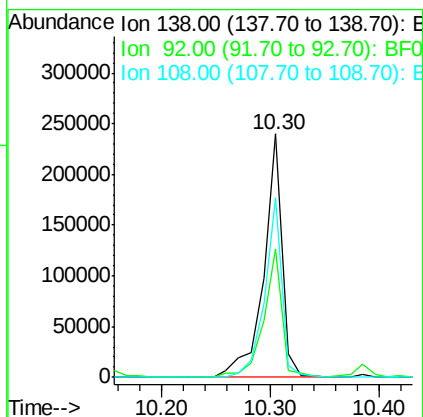
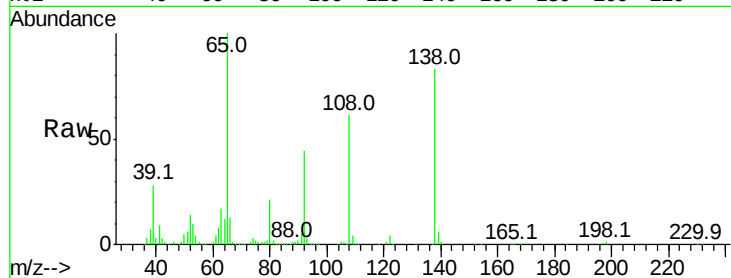




#61
4-Nitroaniline
Concen: 41.53 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

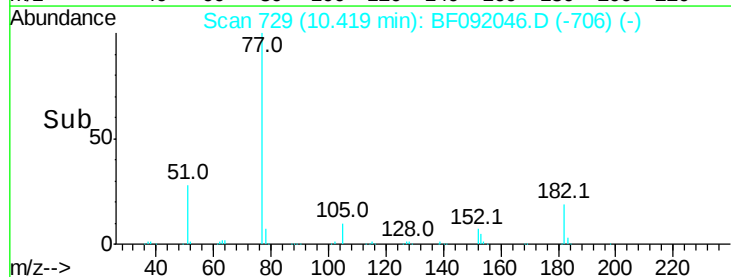
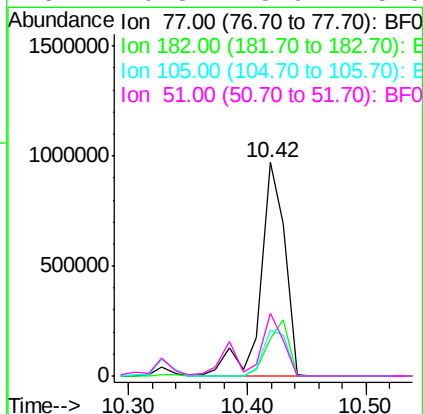
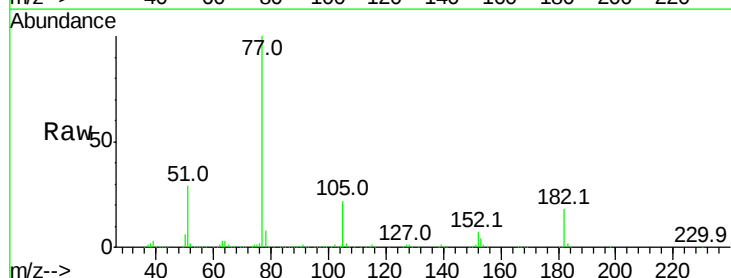
Instrument :
BNA_F
ClientSampleId :

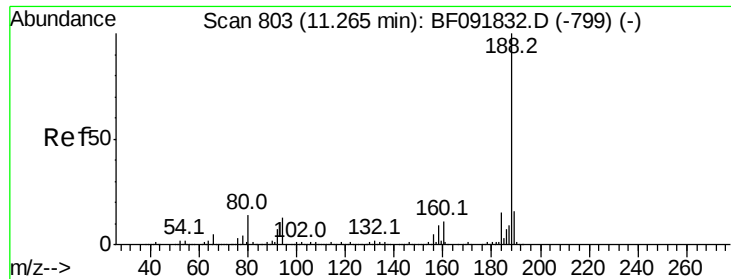
Tot Ion:138 Resp: 286093
Ion Ratio Lower Upper
138 100
92 52.9 31.7 71.7
108 73.8 52.6 92.6



#62
Azobenzene
Concen: 52.99 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion: 77 Resp: 1390485
Ion Ratio Lower Upper
77 100
182 17.6 0.0 39.3
105 21.7 2.3 42.3
51 29.3 8.9 48.9

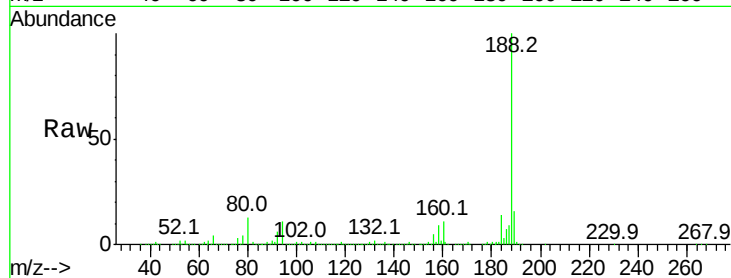




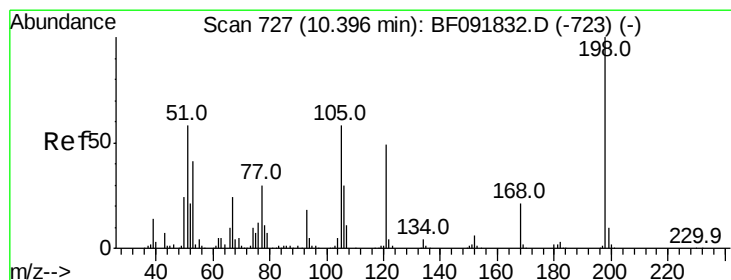
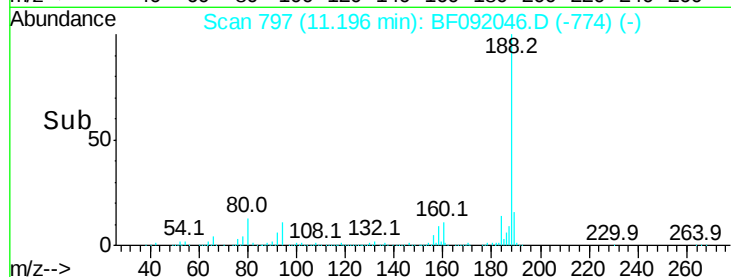
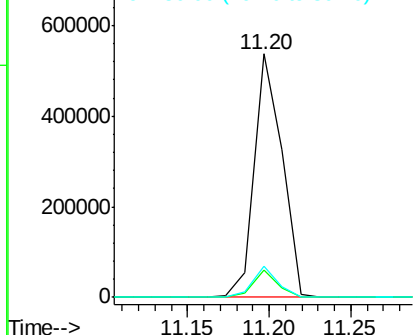
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 637160
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.7 11.2 16.8

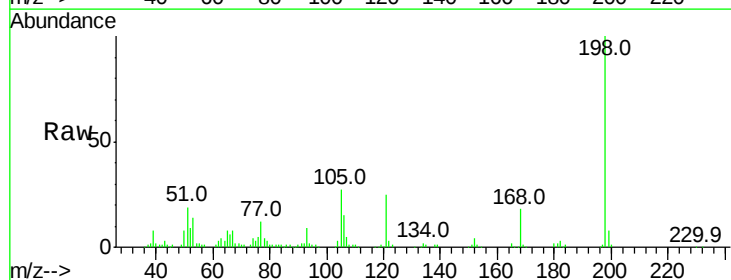


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

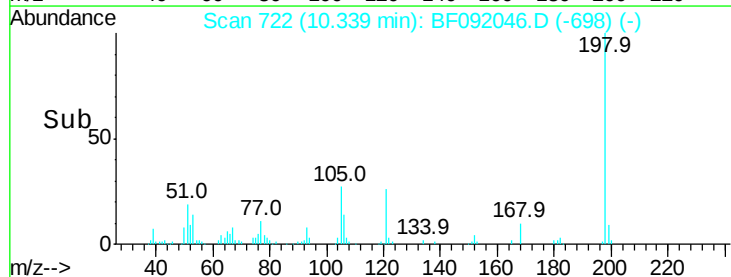
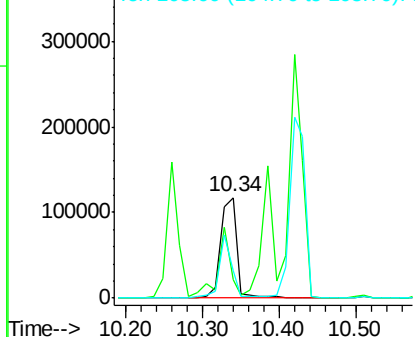


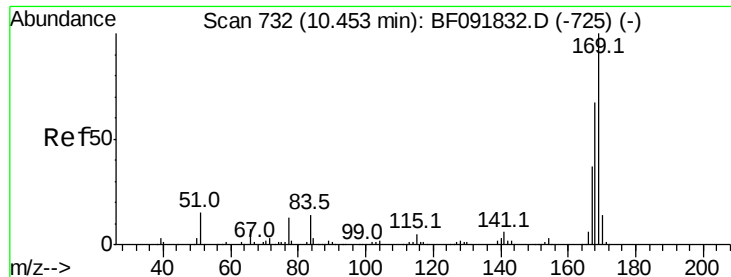
#64
4,6-Dinitro-2-methylphenol
Concen: 45.77 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:198 Resp: 176333
Ion Ratio Lower Upper
198 100
51 18.7 6.7 46.7
105 26.6 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: 51.63 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

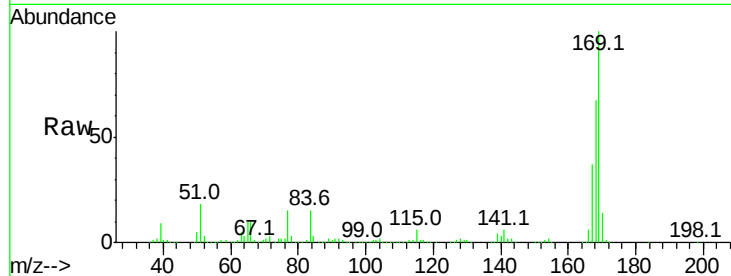
Tot Ion:169 Resp: 976067

Ion Ratio Lower Upper

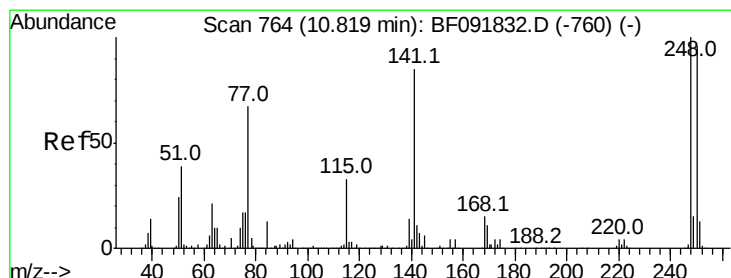
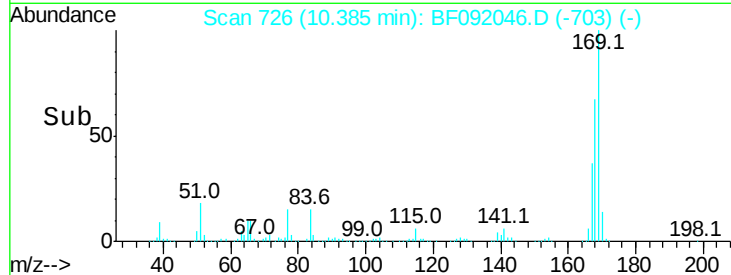
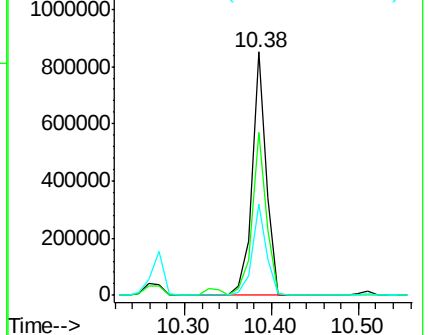
169 100

168 67.2 54.2 81.2

167 37.4 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: 48.55 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

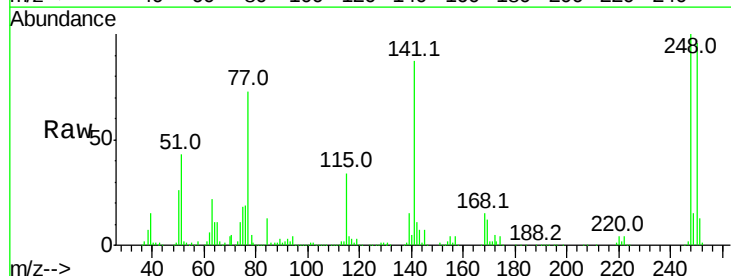
Tgt Ion:248 Resp: 321792

Ion Ratio Lower Upper

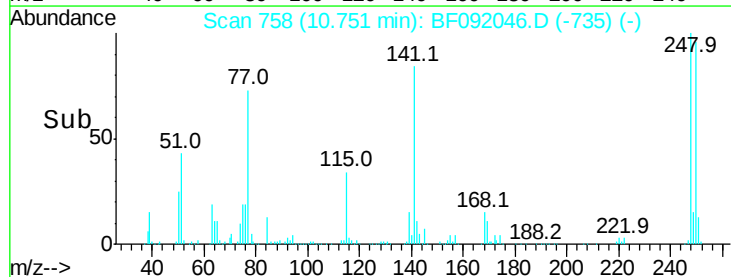
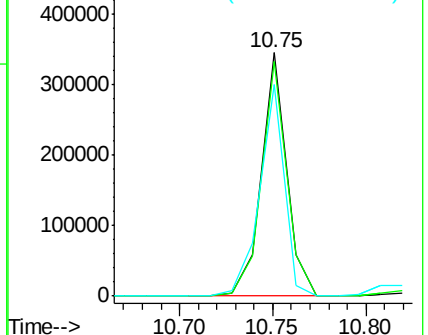
248 100

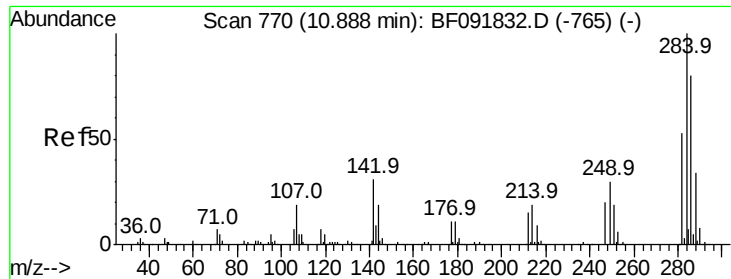
250 96.2 76.9 115.3

141 86.7 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

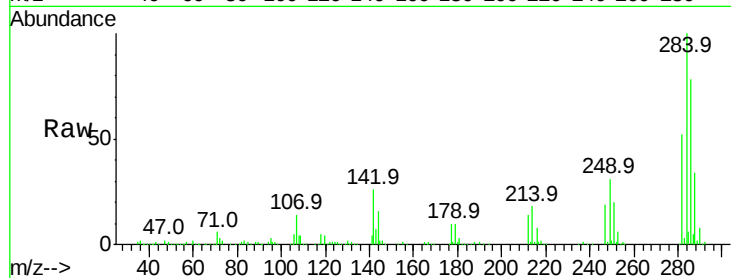




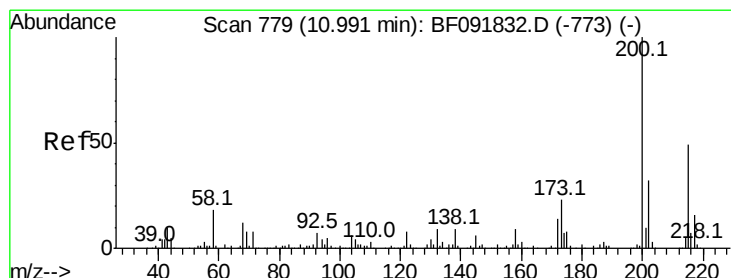
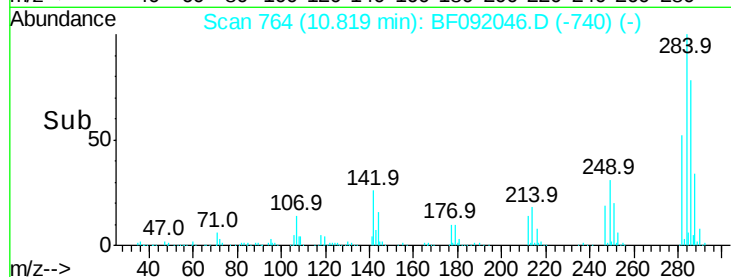
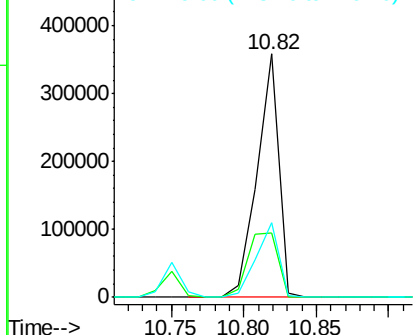
#67
Hexachlorobenzene
Concen: 52.44 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 371495
Ion Ratio Lower Upper
284 100
142 26.2 22.6 33.8
249 30.6 25.4 38.0

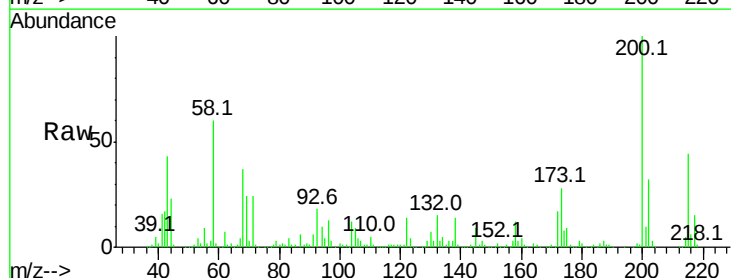


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

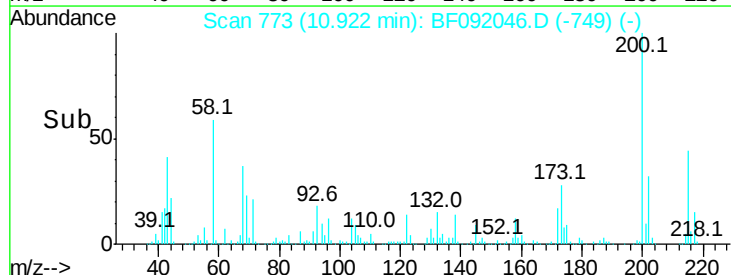
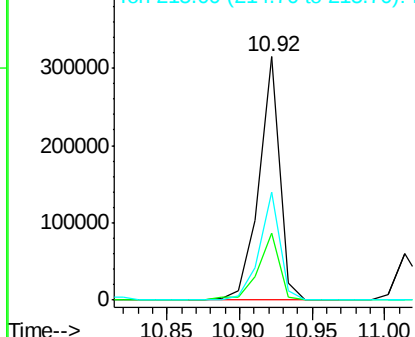


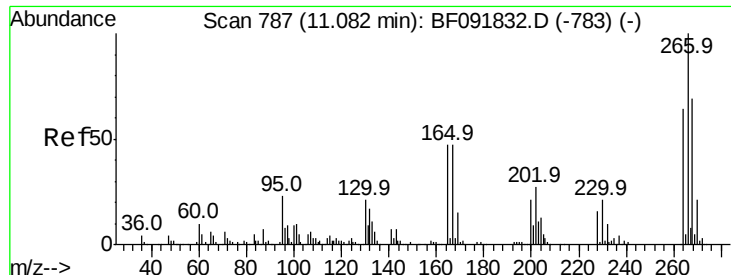
#68
Atrazine
Concen: 51.13 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:200 Resp: 311830
Ion Ratio Lower Upper
200 100
173 27.5 9.6 49.6
215 44.2 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

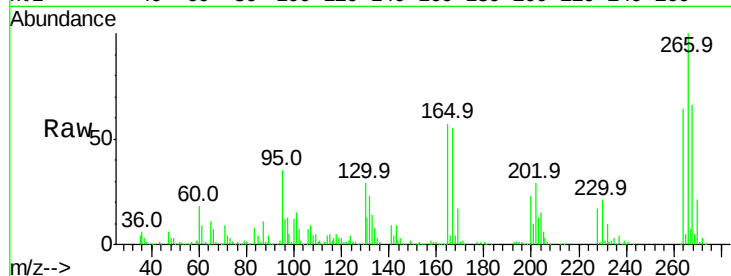




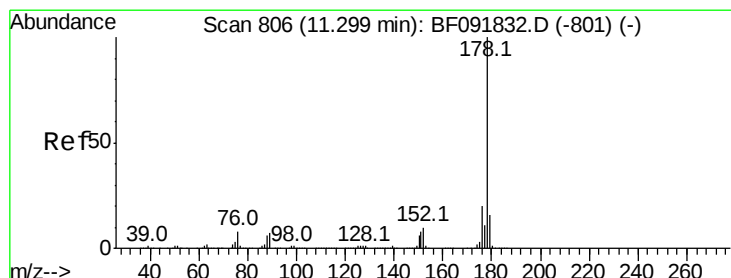
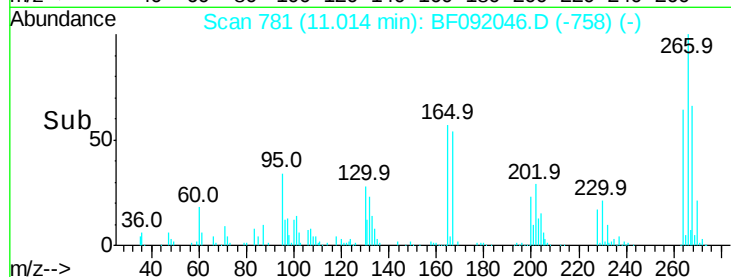
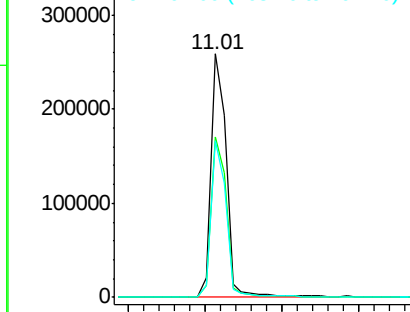
#69
 Pentachlorophenol
 Concen: 101.92 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	53.3	79.9
264	64.3	50.3	75.5

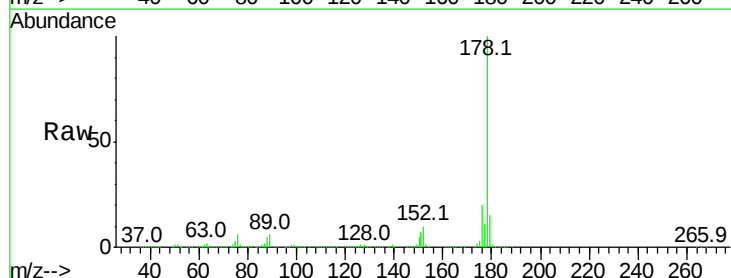


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

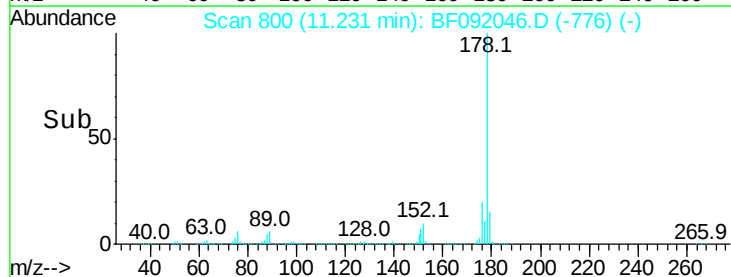
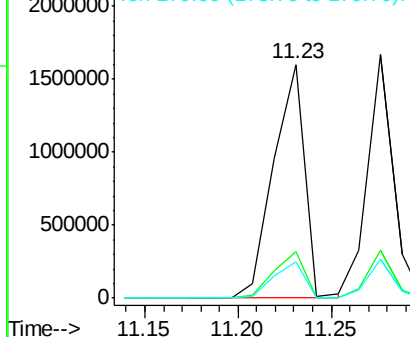


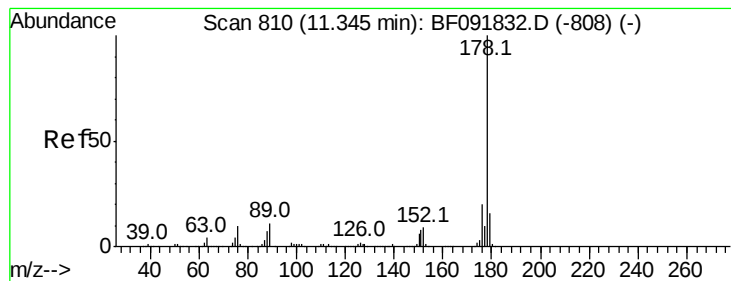
#70
 Phenanthrene
 Concen: 53.82 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.4	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: 57.23 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

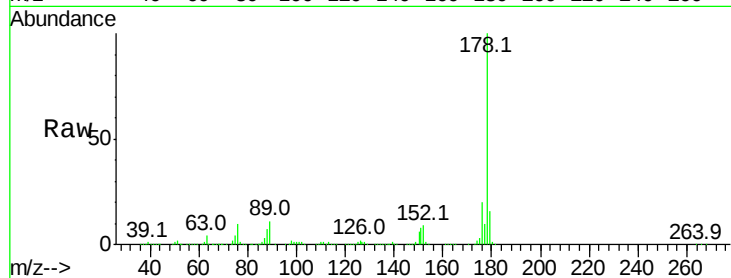
Tot Ion:178 Resp: 1591139

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	13.2	19.8

178 100

176 19.6 15.9 23.9

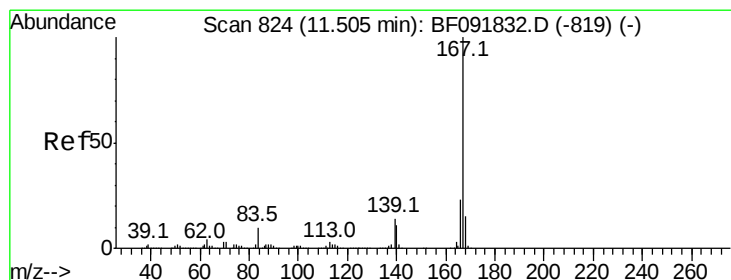
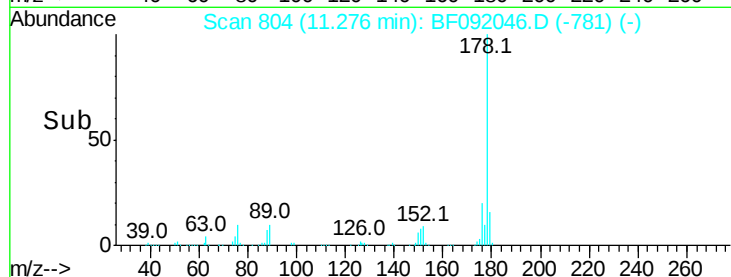
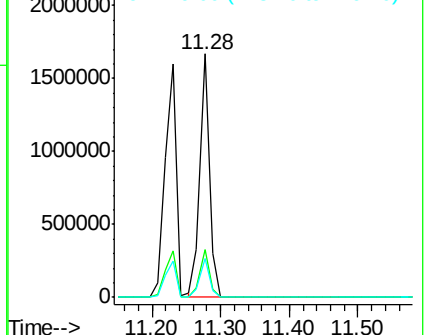
179 16.0 13.2 19.8



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: 57.15 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

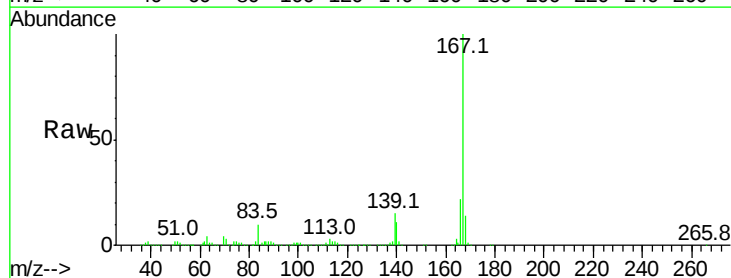
Tgt Ion:167 Resp: 1430016

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	14.7	11.4	17.2

167 100

166 22.0 18.2 27.2

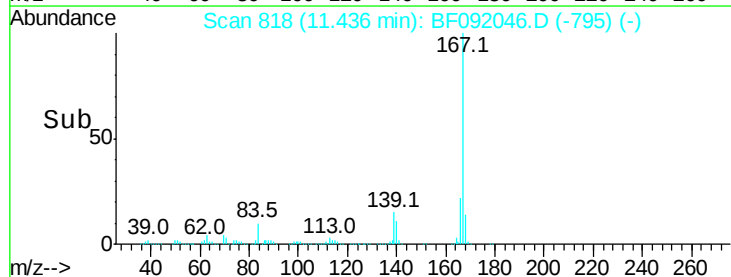
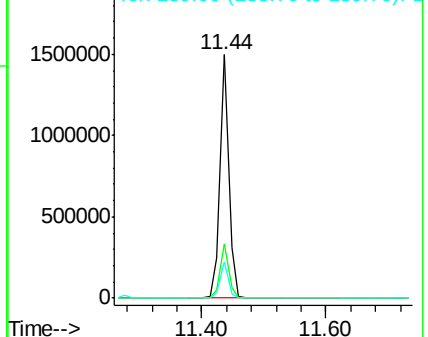
139 14.7 11.4 17.2

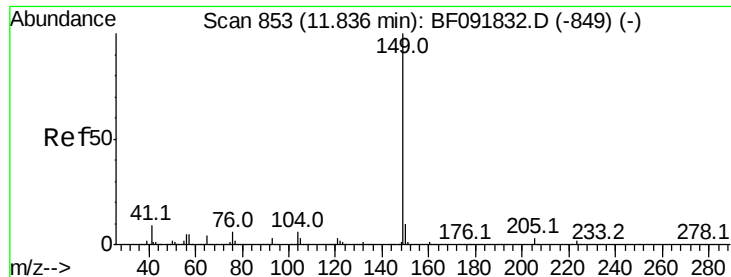


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 63.94 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampled :

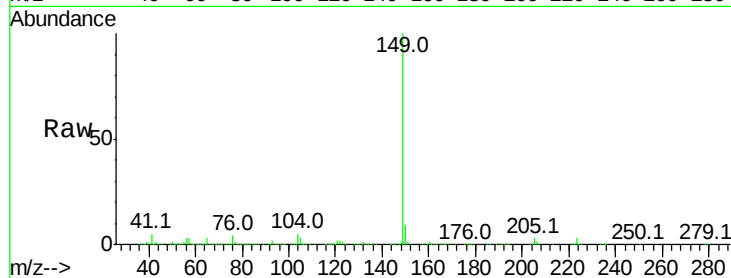
Tot Ion:149 Resp: 2036700

Ion Ratio Lower Upper

149 100

150 9.3 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

11.78

2000000

1500000

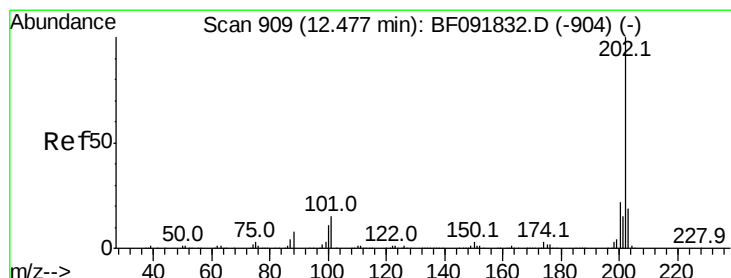
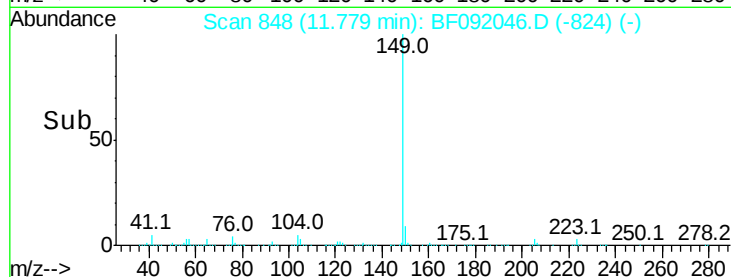
1000000

500000

0

Time-->

11.70 11.80 11.90



#74

Fluoranthene

Concen: 56.20 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

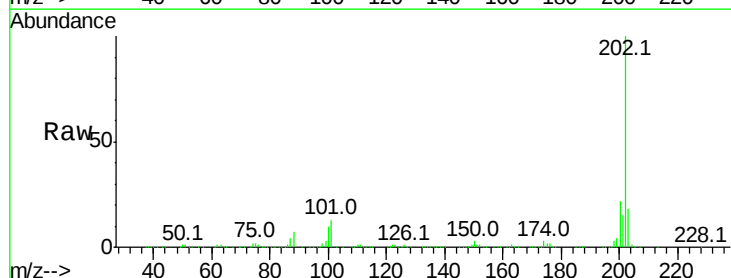
Tgt Ion:202 Resp: 1674696

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.6

203 18.4 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

12.41

2000000

1500000

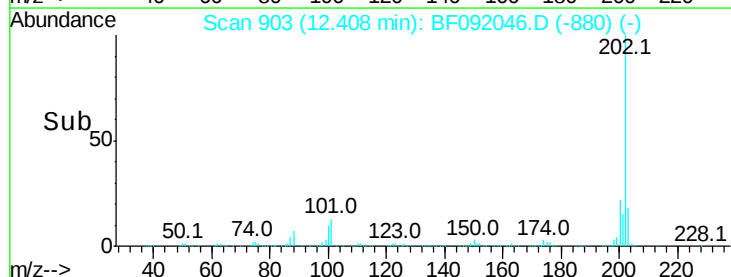
1000000

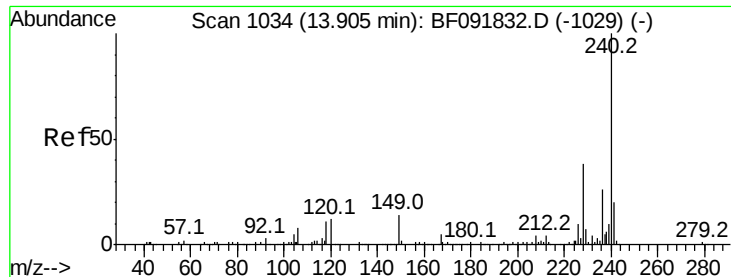
500000

0

Time-->

12.30 12.40 12.50





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

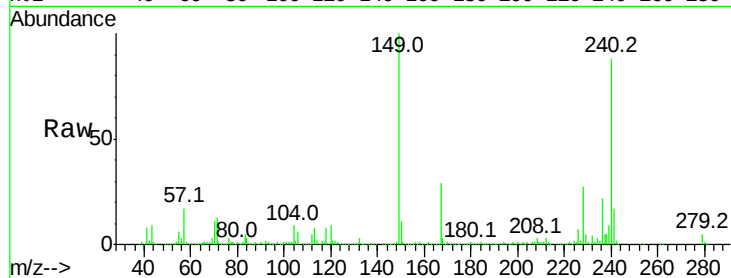
Tot Ion:240 Resp: 479570

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

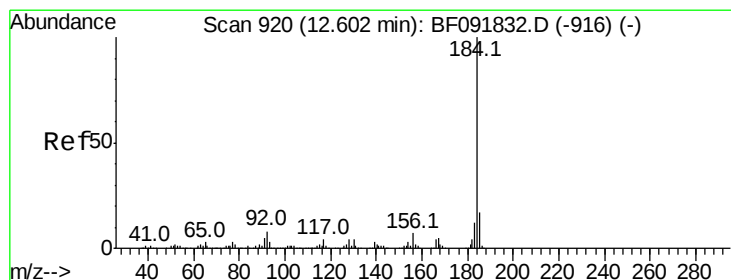
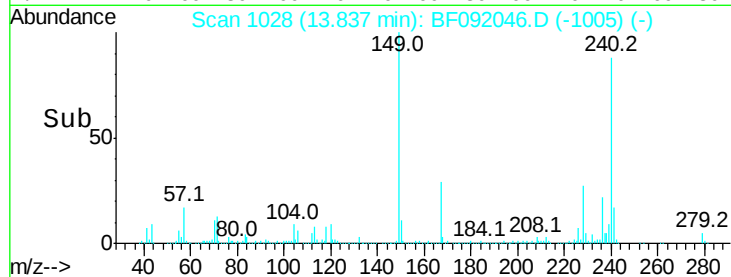
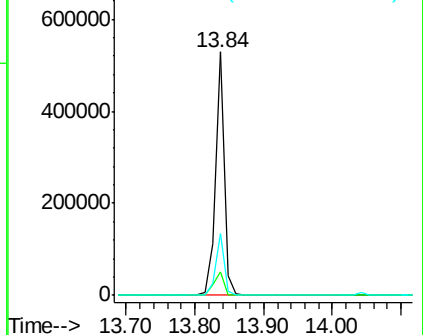
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.14 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

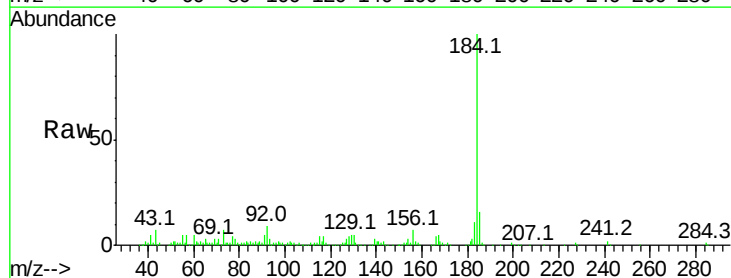
Tgt Ion:184 Resp: 356072

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.0

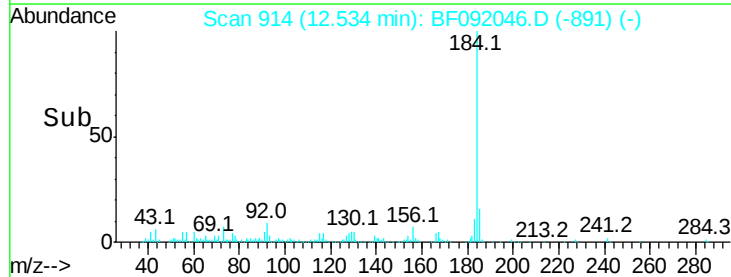
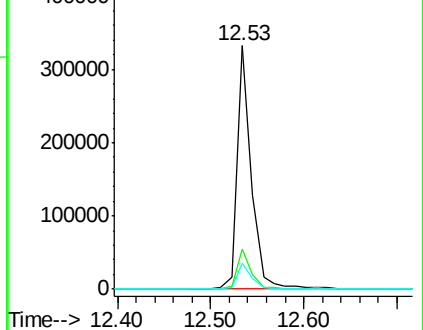
183 10.8 9.2 13.8

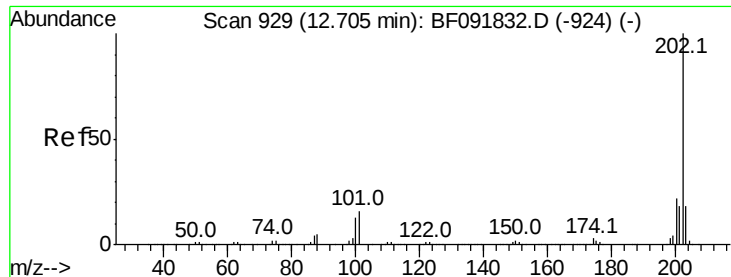


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

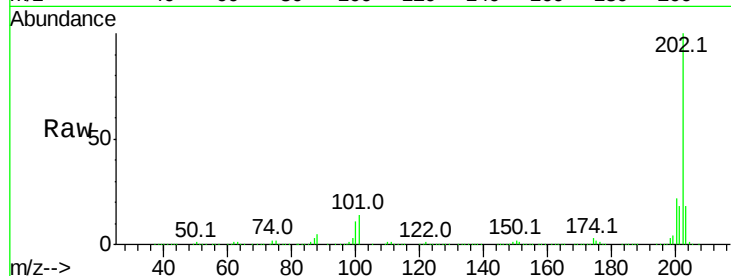




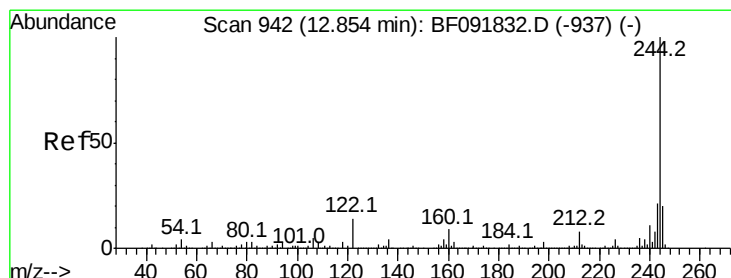
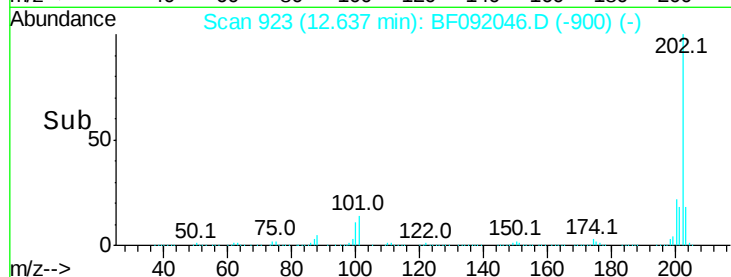
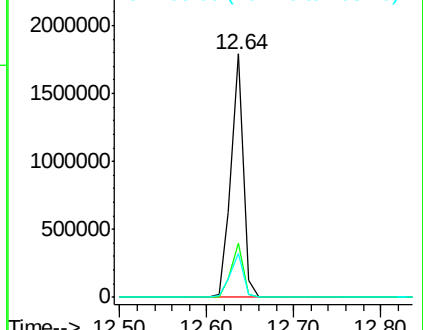
#77
Pvrene
Concen: 50.34 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1771098
Ion Ratio Lower Upper
202 100
200 22.5 17.7 26.5
203 18.3 14.7 22.1

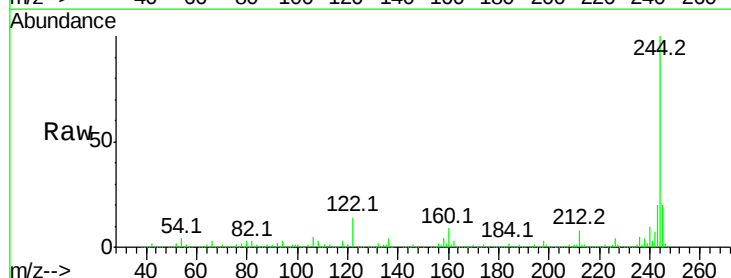


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

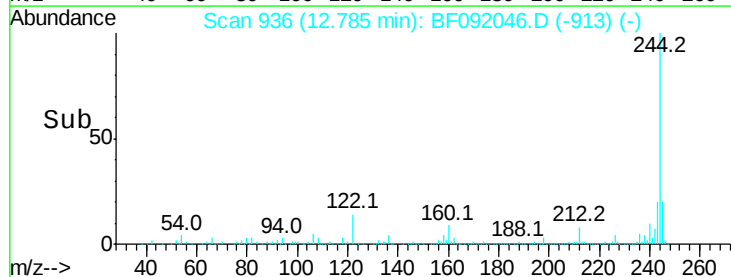
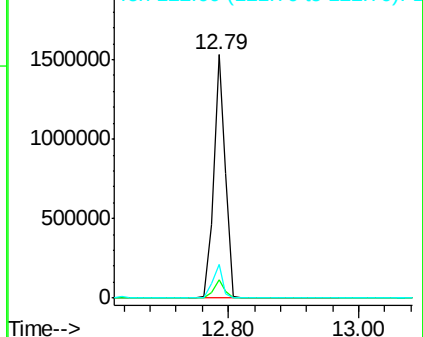


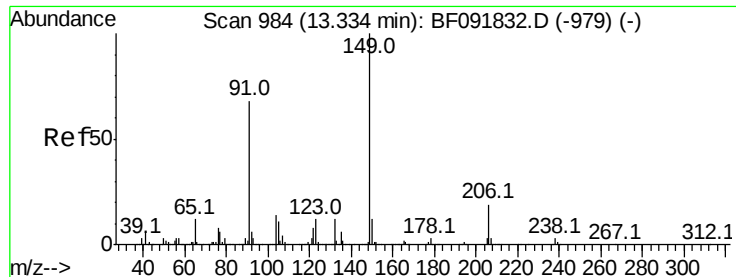
#78
Terphenyl-d14
Concen: 97.93 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:244 Resp: 1936384
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 13.9 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.03 ng

RT: 13.27 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

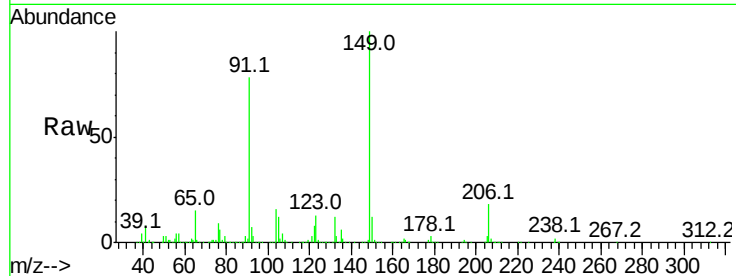
Tot Ion:149 Resp: 816661

Ion Ratio Lower Upper

149 100

91 77.9 63.9 95.9

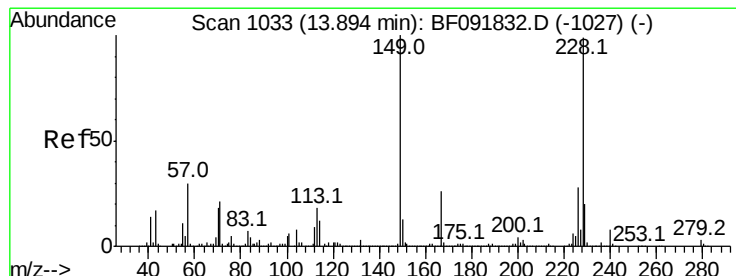
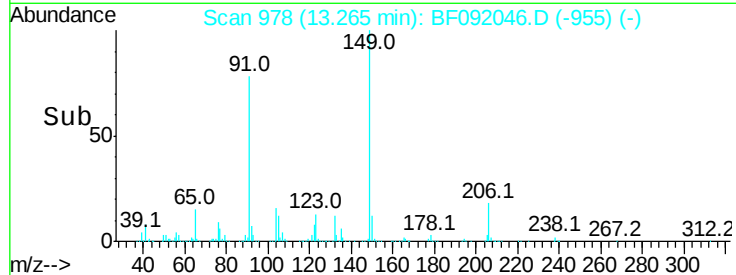
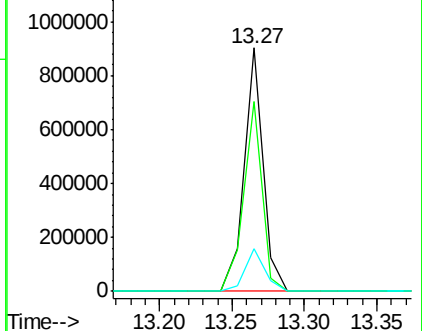
206 17.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.02 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

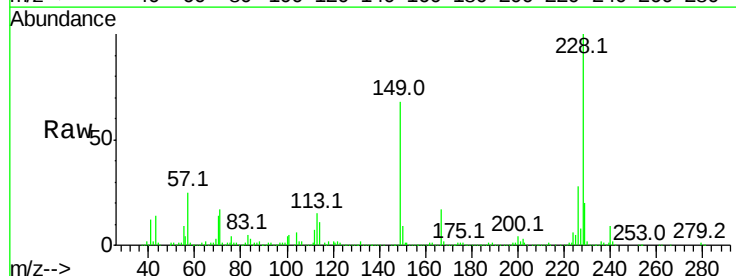
Tgt Ion:228 Resp: 1381193

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

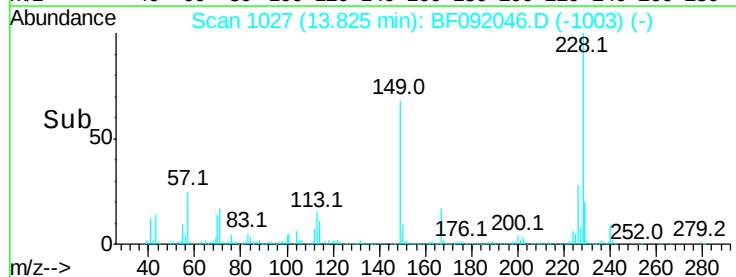
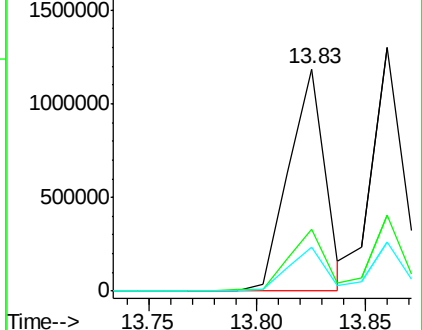
229 20.0 16.2 24.4

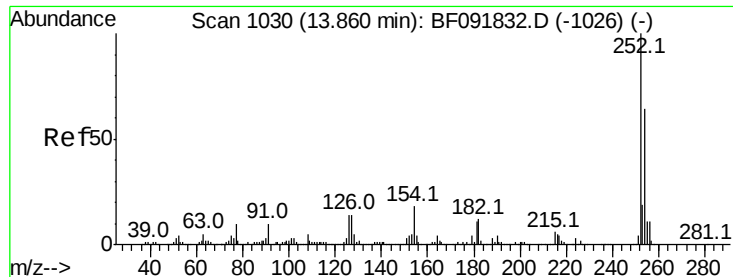


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

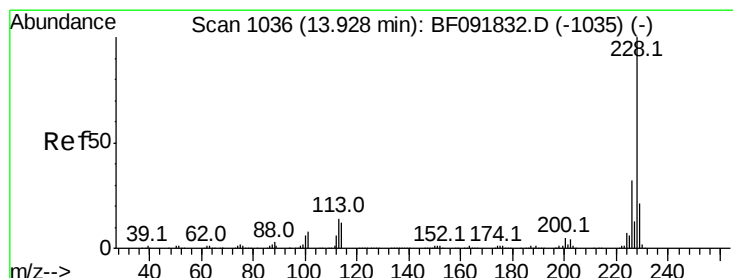
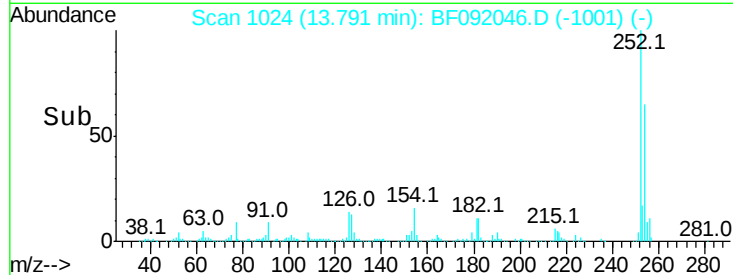
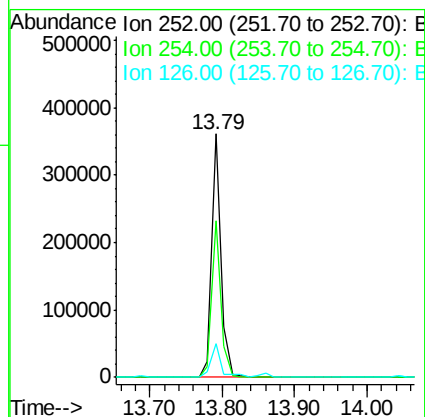
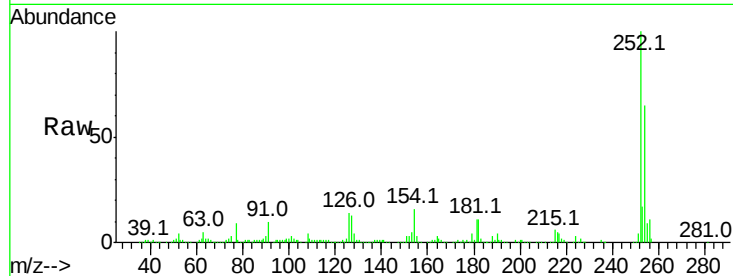




#81
 3,3'-Dichlorobenzidine
 Concen: 31.47 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

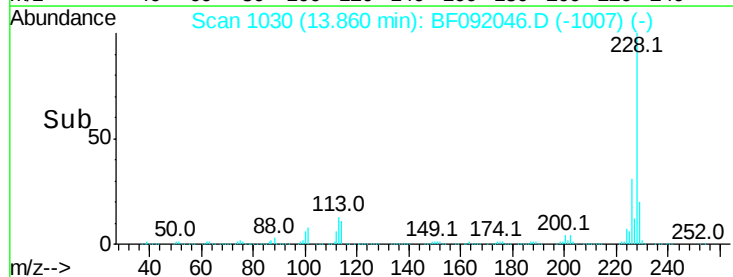
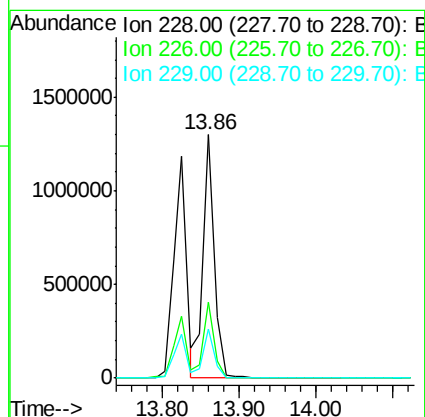
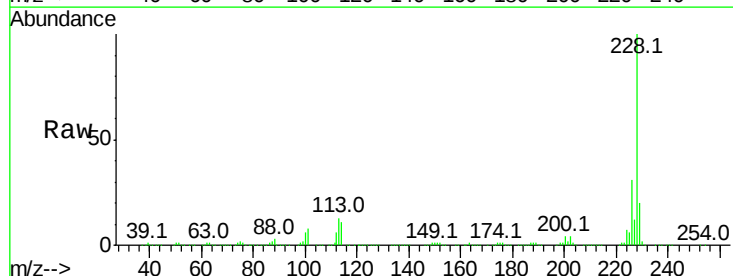
Instrument :
 BNA_F
 ClientSampleId :

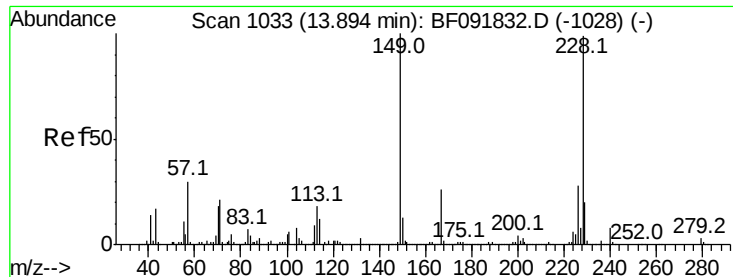
Tot Ion:252 Resp: 323000
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 13.9 13.6 20.4



#82
 Chrysene
 Concen: 48.06 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:228 Resp: 1304910
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.2 16.2 24.2

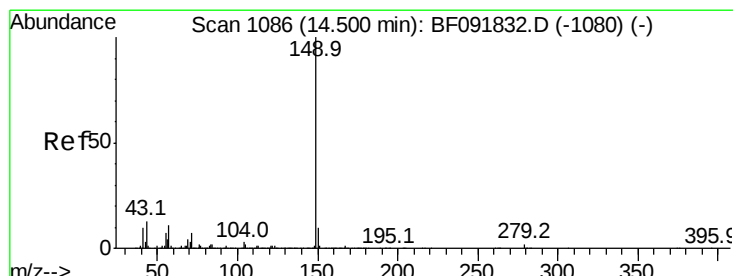
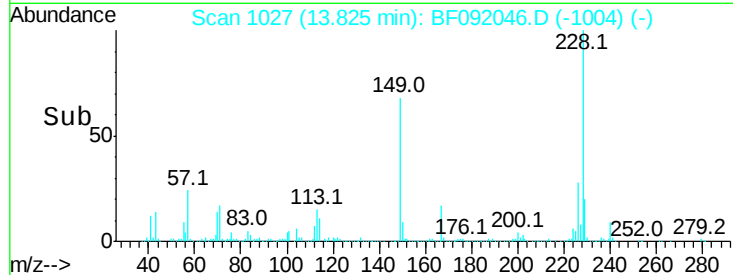
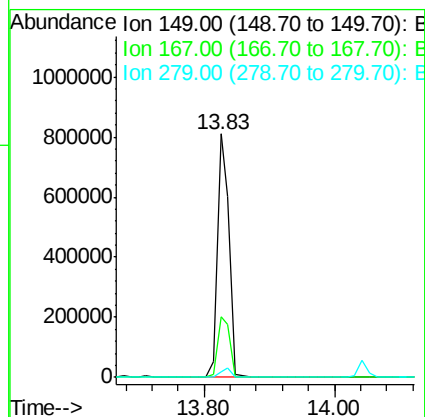
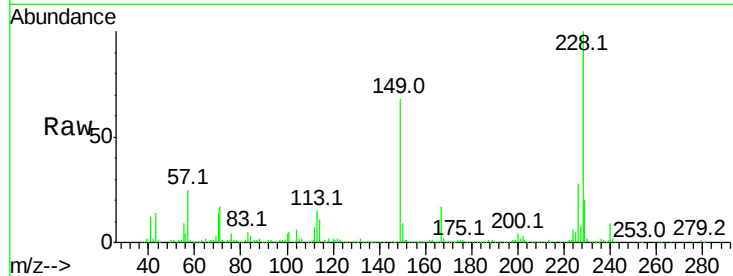




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.29 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

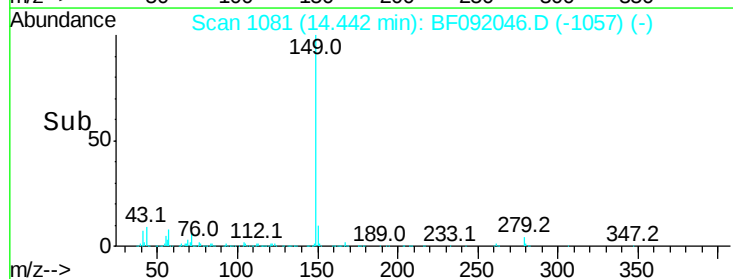
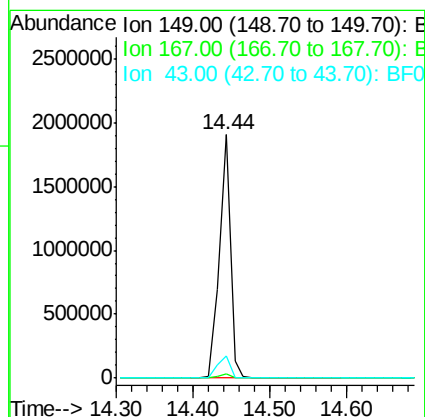
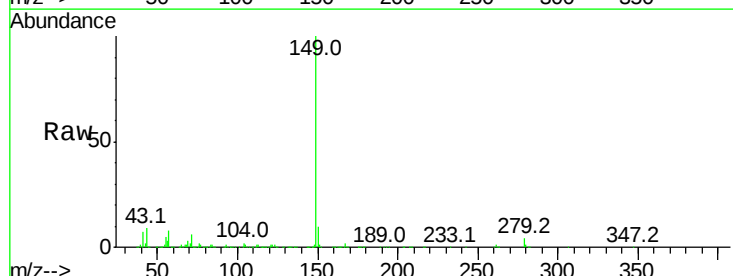
Instrument :
 BNA_F
 ClientSampleId :

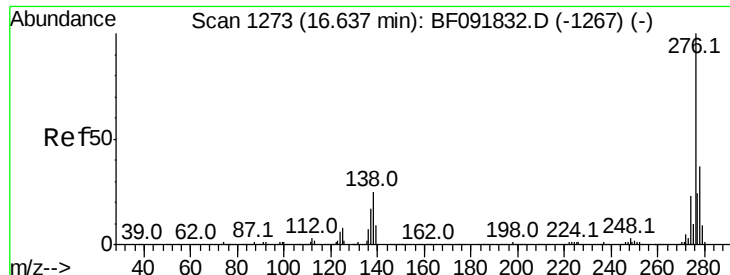
Tot Ion:149 Resp: 1023169
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.1 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 54.39 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:149 Resp: 1898929
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



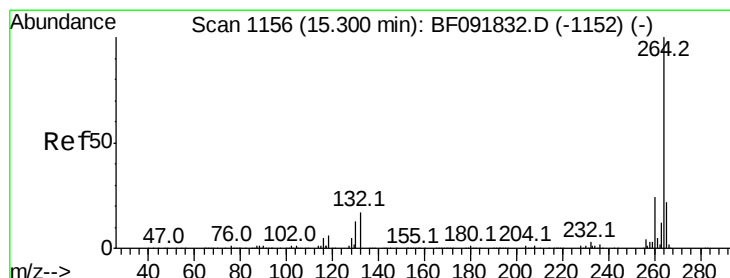
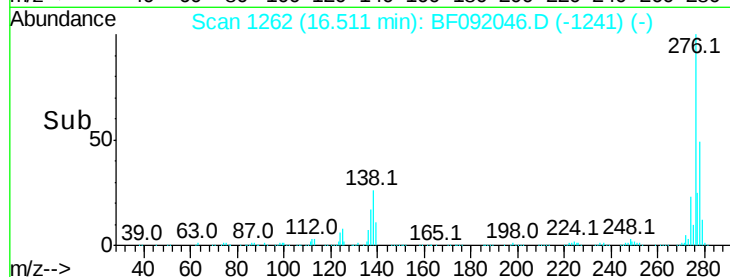
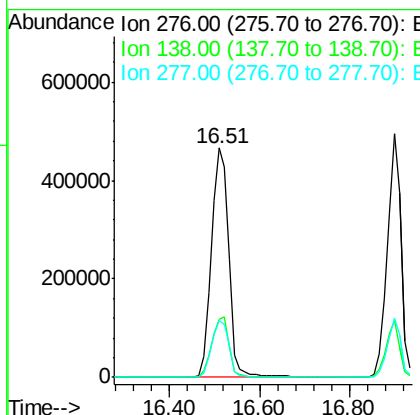
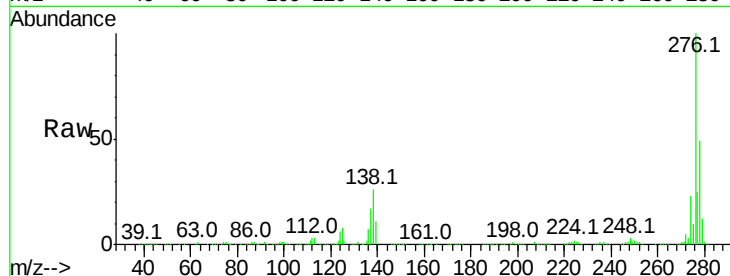


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.29 ng
 RT: 16.51 min Scan# 1262
 Delta R.T. -0.06 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1253622

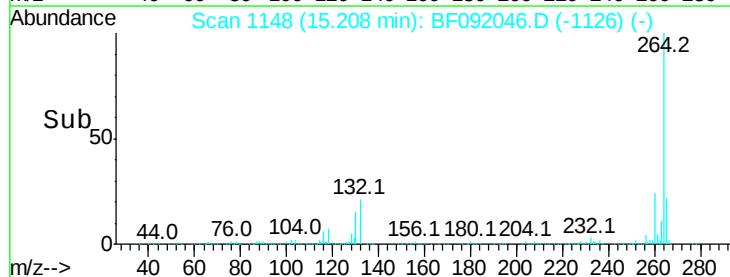
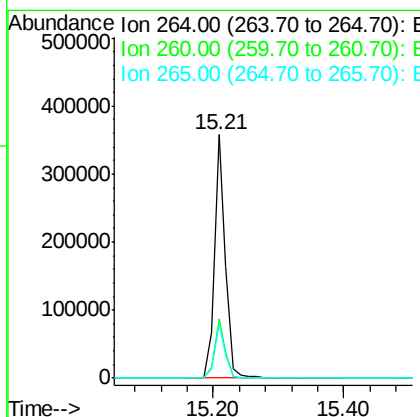
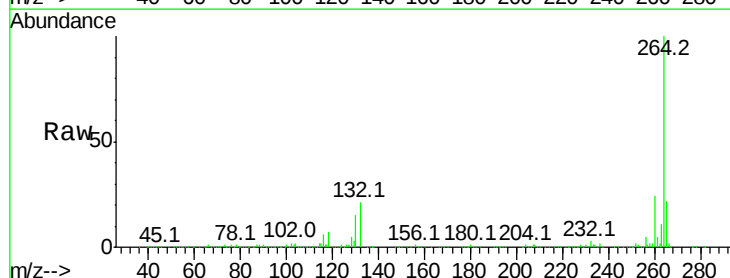
Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.8	32.6
277	25.0	20.2	30.4

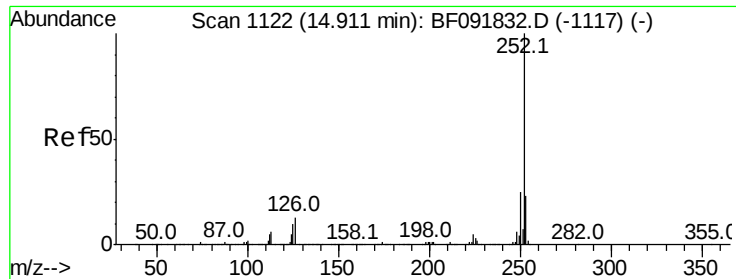


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092046.D
 Acq: 30 Dec 2016 14:57

Tgt Ion:264 Resp: 424688

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 97.62 ng

RT: 14.87 min Scan# 1118

Delta R.T. 0.00 min

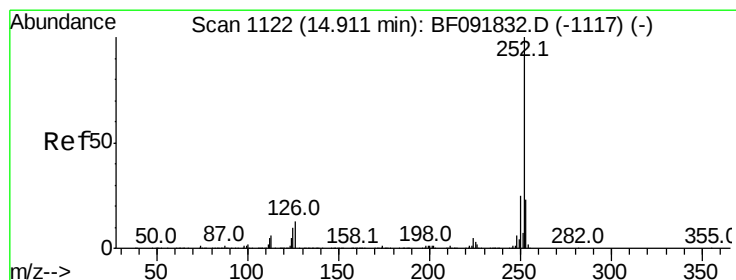
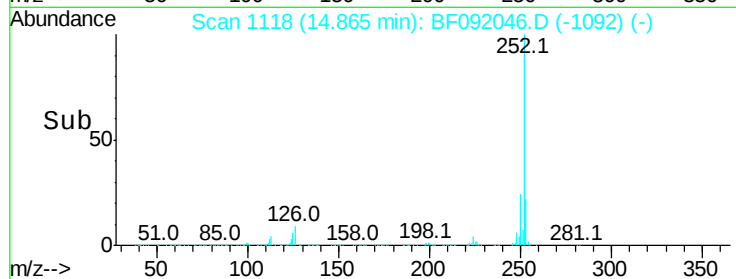
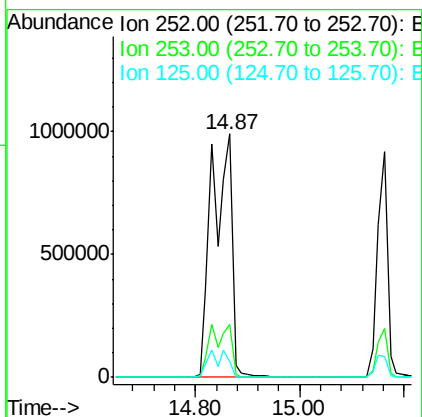
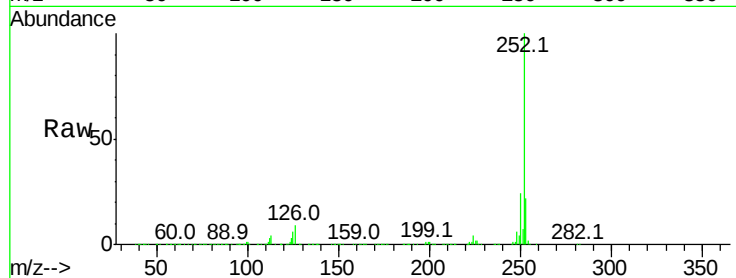
Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2581025

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	6.5	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 114.47 ng

RT: 14.87 min Scan# 1118

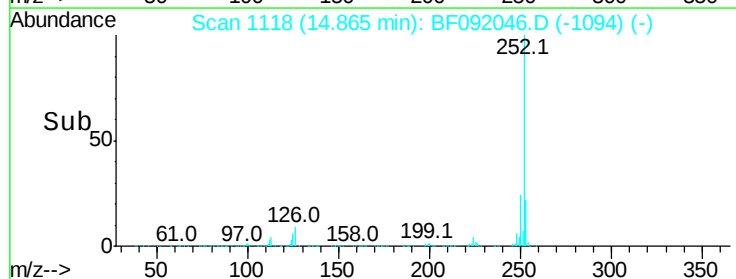
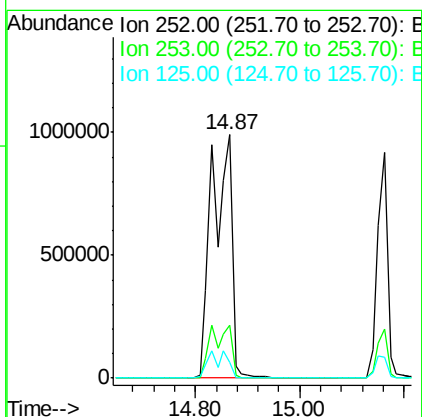
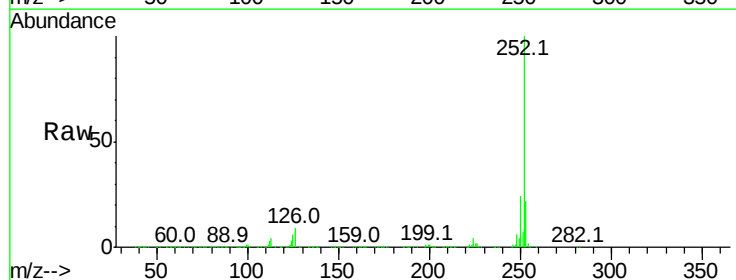
Delta R.T. -0.02 min

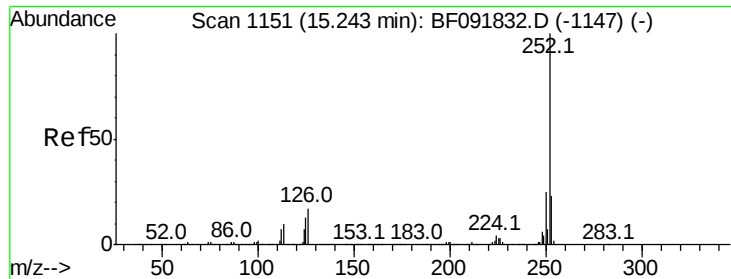
Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Tgt Ion:252 Resp: 2581025

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	6.5	8.9	13.3#

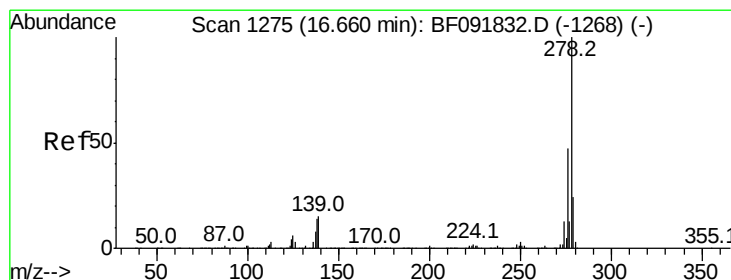
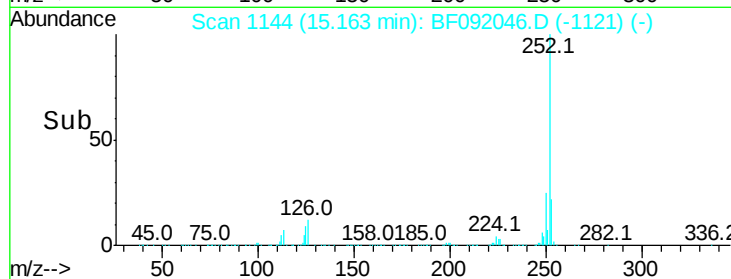
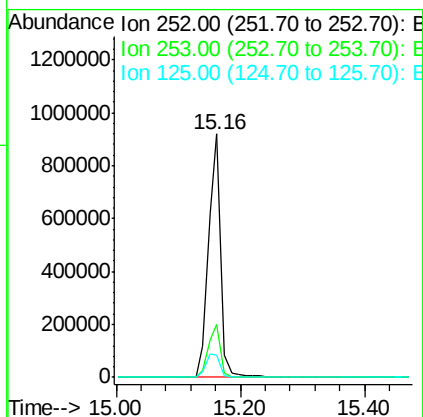
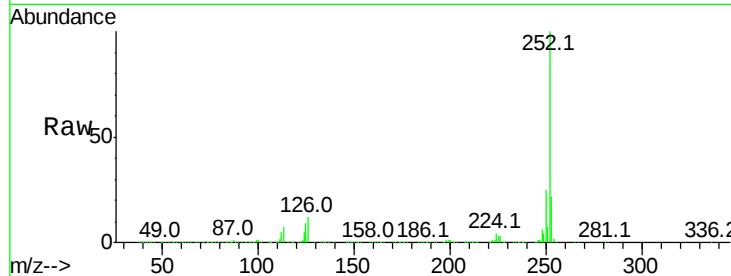




#89
Benzo(a)pyrene
Concen: 52.50 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

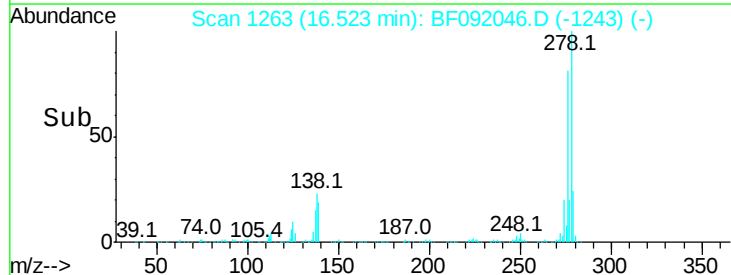
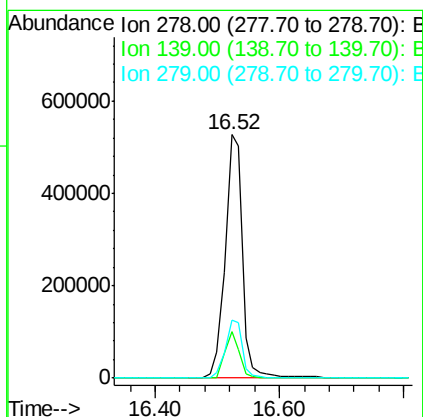
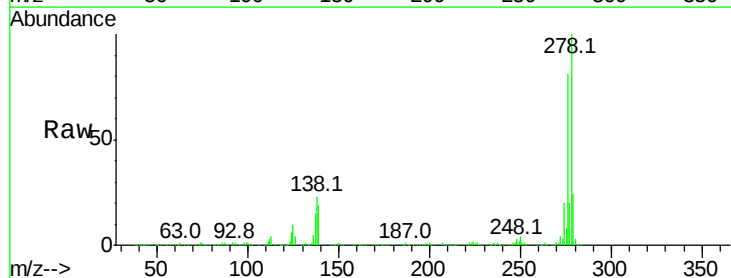
Instrument :
BNA_F
ClientSampleId :

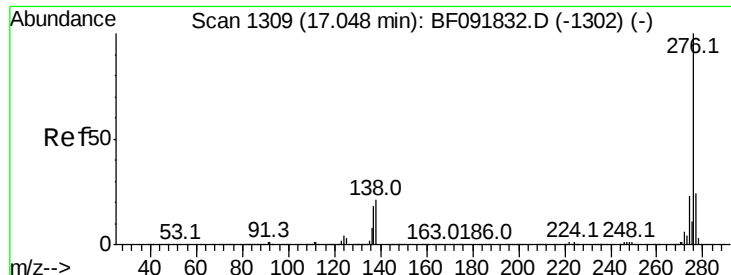
Tot Ion:252 Resp: 1232077
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 9.1 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 52.88 ng
RT: 16.52 min Scan# 1263
Delta R.T. -0.07 min
Lab File: BF092046.D
Acq: 30 Dec 2016 14:57

Tgt Ion:278 Resp: 1019959
Ion Ratio Lower Upper
278 100
139 19.1 14.8 22.2
279 23.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 52.98 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.07 min

Lab File: BF092046.D

Acq: 30 Dec 2016 14:57

Instrument :

BNA_F

ClientSampleId :

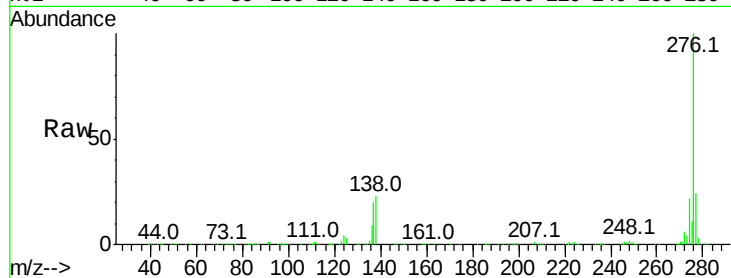
Tot Ion:276 Resp: 1062570

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 23.1 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

