

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091532.D
 Acq On : 9 Dec 2016 17:08
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 18:03:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 17:50:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	275606	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1077834	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	531355	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	894997	20.00	ng	0.00
75) Chrysene-d12	13.96	240	576094	20.00	ng	0.00
86) Perylene-d12	15.38	264	551401	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1332431	81.45	ng	0.00
7) Phenol-d6	6.45	99	1526725	74.86	ng	0.00
23) Nitrobenzene-d5	7.38	82	1436756	74.40	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	319917	72.49	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2329164	75.74	ng	0.00
78) Terphenyl-d14	12.92	244	2027460	79.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	330600	38.29	ng	# 85
3) Pyridine	3.09	79	931137	40.48	ng	# 81
4) n-Nitrosodimethylamine	3.05	42	370910	37.53	ng	# 66
6) Aniline	6.48	93	1026109	38.38	ng	# 69
8) 2-Chlorophenol	6.60	128	737082	39.92	ng	98
9) Benzaldehyde	6.36	77	483404	34.44	ng	# 75
10) Phenol	6.46	94	887529	37.22	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	744689	41.57	ng	# 84
12) 1,3-Dichlorobenzene	6.99	146	713796	35.65	ng	96
13) 1,4-Dichlorobenzene	6.83	146	753776	38.17	ng	97
14) 1,2-Dichlorobenzene	6.99	146	714674	40.16	ng	93
15) Benzyl Alcohol	6.96	79	580764	36.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1105391	39.82	ng	78
17) 2-Methylphenol	7.08	107	599597	39.25	ng	# 76
18) Hexachloroethane	7.33	117	295409	38.33	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	491968	38.58	ng	86
20) 3+4-Methylphenols	7.23	107	625035	37.35	ng	# 56
22) Acetophenone	7.23	105	991906	38.41	ng	# 93
24) Nitrobenzene	7.40	77	858734	42.09	ng	# 85
25) Isophorone	7.64	82	1333662	38.85	ng	100
26) 2-Nitrophenol	7.72	139	362687	40.28	ng	# 65
27) 2,4-Dimethylphenol	7.76	122	579522	36.64	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	833439	41.39	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	563652	40.96	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	593401	37.94	ng	99
31) Naphthalene	8.12	128	1890678	37.70	ng	100
32) Benzoic acid	7.88	122	442405	39.90	ng	95
33) 4-Chloroaniline	8.18	127	824233	38.15	ng	# 90
34) Hexachlorobutadiene	8.25	225	364022	40.60	ng	98
35) Caprolactam	8.54	113	160447	39.92	ng	# 64
36) 4-Chloro-3-methylphenol	8.66	107	645835	41.85	ng	97
37) 2-Methylnaphthalene	8.82	142	1250022	38.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	520826	35.74	ng	99
40) Hexachlorocyclopentadiene	8.97	237	261091	40.18	ng	99

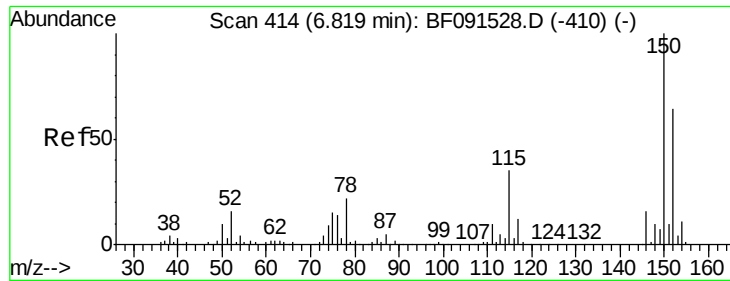
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091532.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 17:50:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	396715	42.37	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	354577	36.85	nq #	81
45) 1,1'-Biphenyl	9.28	154	1409911	36.63	nq	98
46) 2-Chloronaphthalene	9.30	162	1088229	36.51	nq	99
47) 2-Nitroaniline	9.39	65	394896	39.40	nq #	81
48) Acenaphthylene	9.71	152	1697627	37.37	nq	99
49) Dimethylphthalate	9.58	163	1402736	41.69	nq	99
50) 2,6-Dinitrotoluene	9.64	165	319279	43.24	nq #	78
51) Acenaphthene	9.88	154	1174188	37.21	nq	97
52) 3-Nitroaniline	9.81	138	347191	40.02	nq #	72
53) 2,4-Dinitrophenol	9.90	184	130646	39.45	nq #	72
54) Dibenzofuran	10.05	168	1451502	37.18	nq	96
55) 4-Nitrophenol	9.97	139	295148	45.73	nq #	66
56) 2,4-Dinitrotoluene	10.04	165	432322	46.71	nq #	85
57) Fluorene	10.40	166	1058024	35.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	322734	42.84	nq	98
59) Diethylphthalate	10.28	149	1365218	42.14	nq	95
60) 4-Chlorophenyl-phenylether	10.40	204	549517	41.03	nq #	87
61) 4-Nitroaniline	10.42	138	336107	38.99	nq	88
62) Azobenzene	10.56	77	1517757	41.34	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	187059	35.25	nq	89
65) n-Nitrosodiphenylamine	10.51	169	971134	36.40	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	346593	37.77	nq #	75
67) Hexachlorobenzene	10.94	284	357439	37.46	nq #	78
68) Atrazine	11.04	200	308330	35.94	nq	98
69) Pentachlorophenol	11.14	266	219816	40.94	nq	93
70) Phenanthrene	11.36	178	1673625	37.76	nq	99
71) Anthracene	11.41	178	1824550	38.17	nq	99
72) Carbazole	11.56	167	1507347	35.97	nq	99
73) Di-n-butylphthalate	11.91	149	1996325	40.89	nq	99
74) Fluoranthene	12.55	202	1799359	38.77	nq	97
76) Benzidine	12.66	184	646452	36.29	nq	95
77) Pyrene	12.77	202	1826329	39.96	nq	100
79) Butylbenzylphthalate	13.39	149	706077	39.63	nq	88
80) Benzo(a)anthracene	13.95	228	1271705	38.01	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	440771	36.69	nq #	97
82) Chrysene	13.99	228	1315975	37.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	933431	40.84	nq #	91
84) Di-n-octyl phthalate	14.57	149	1590045	40.98	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.74	276	1218554	38.69	nq	99
87) Benzo(b)fluoranthene	15.00	252	2396176	72.90	nq	100
88) Benzo(k)fluoranthene	15.00	252	2396176	82.91	nq	99
89) Benzo(a)pyrene	15.32	252	1162768	39.27	nq #	94
90) Dibenzo(a,h)anthracene	16.76	278	1028995	38.79	nq	97
91) Benzo(g,h,i)perylene	17.16	276	1058575	39.21	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

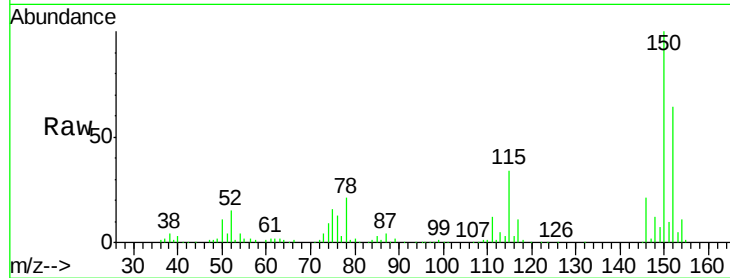
Tot Ion:152 Resp: 275606

Ion Ratio Lower Upper

152 100

150 155.7 122.5 183.7

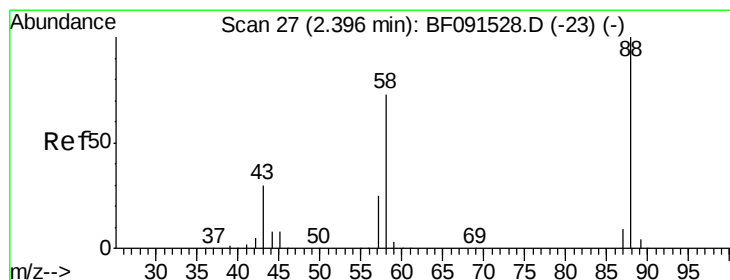
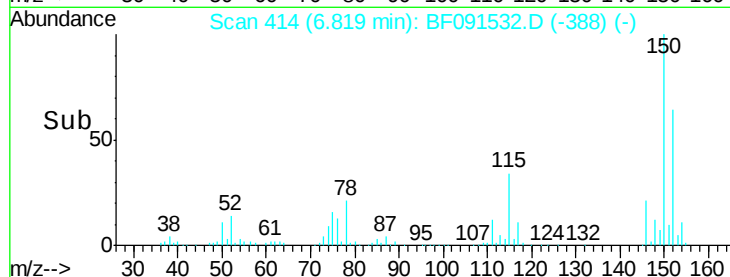
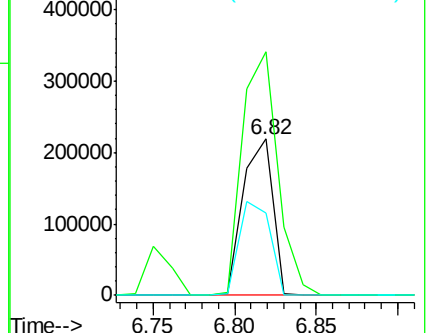
115 53.0 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

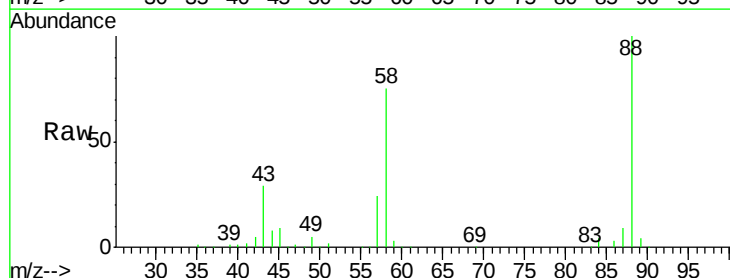
Tgt Ion: 88 Resp: 330600

Ion Ratio Lower Upper

88 100

58 74.6 70.3 105.5

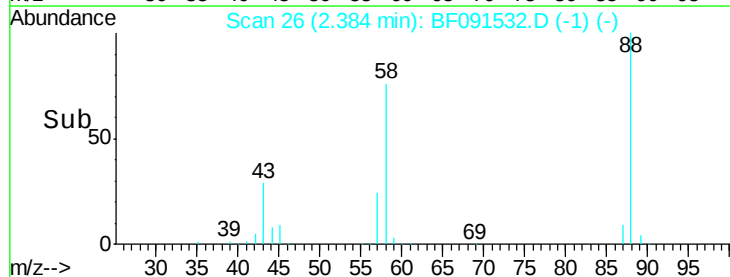
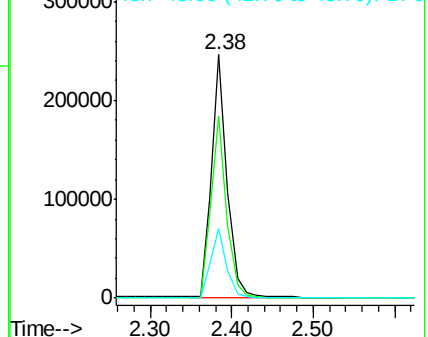
43 28.6 31.3 46.9#

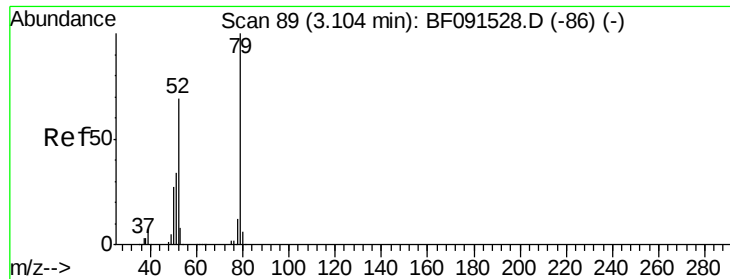


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.48 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampled :

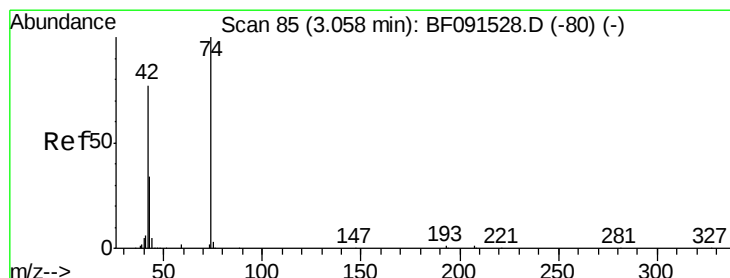
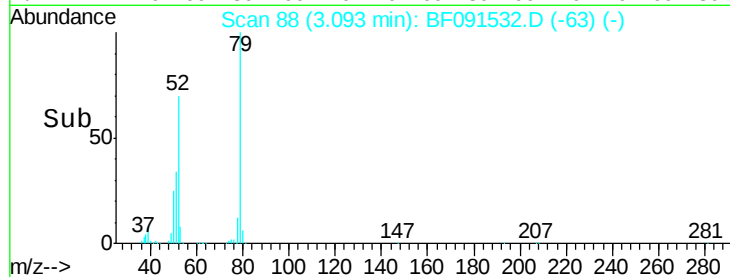
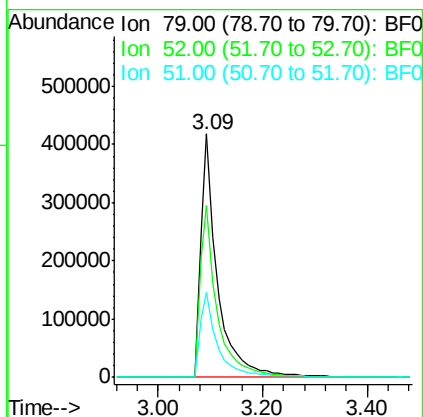
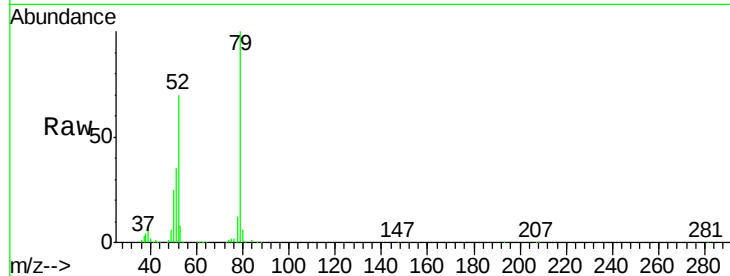
Tot Ion: 79 Resp: 931137

Ion Ratio Lower Upper

79 100

52 70.4 71.0 106.4#

51 34.7 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 37.53 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

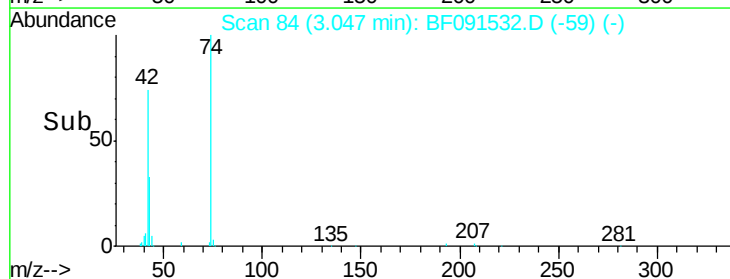
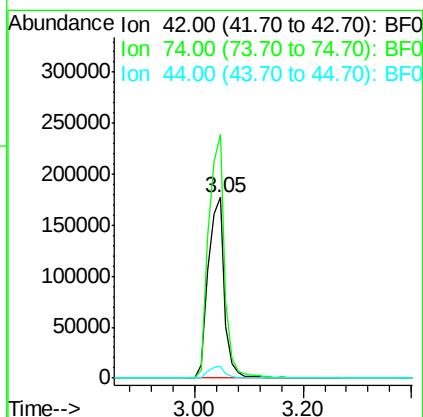
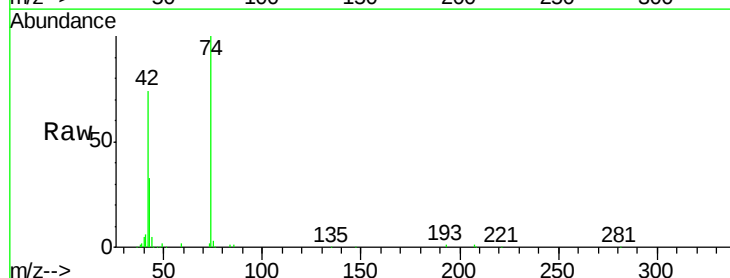
Tgt Ion: 42 Resp: 370910

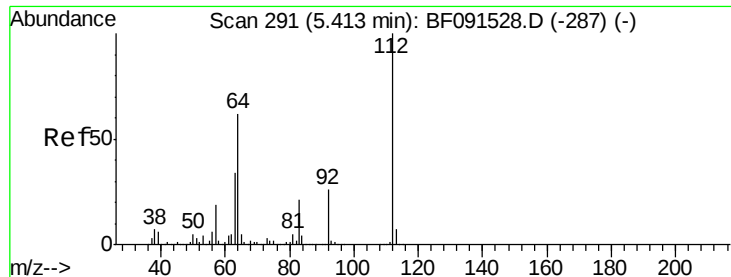
Ion Ratio Lower Upper

42 100

74 134.9 78.9 118.3#

44 6.5 5.8 8.6





#5

2-Fluorophenol

Concen: 81.45 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

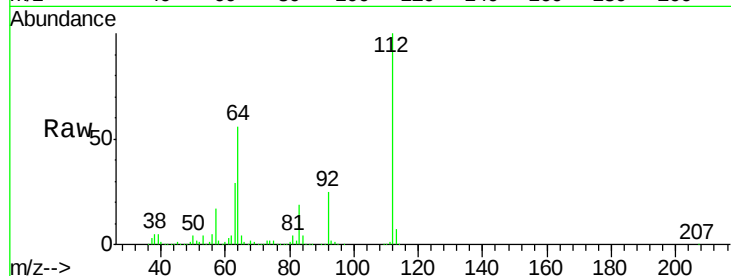
Tot Ion:112 Resp: 1332431

Ion Ratio Lower Upper

112 100

64 56.2 61.5 92.3#

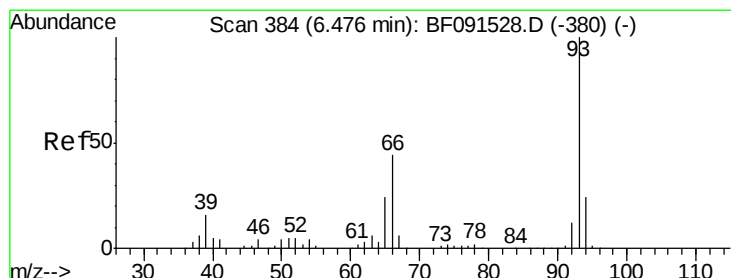
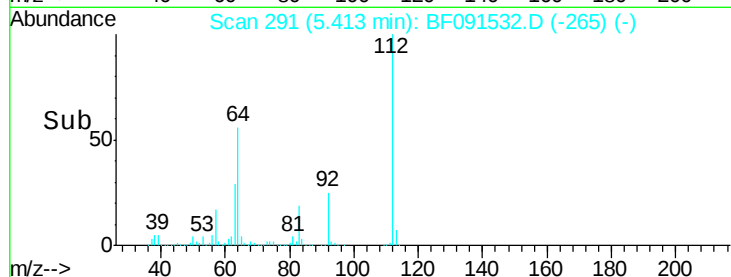
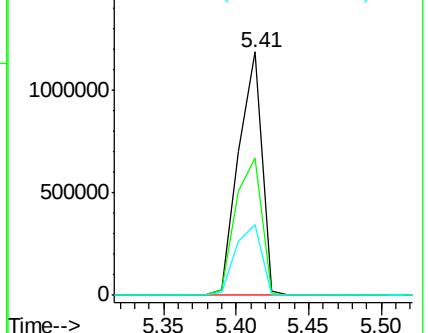
63 29.1 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.38 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

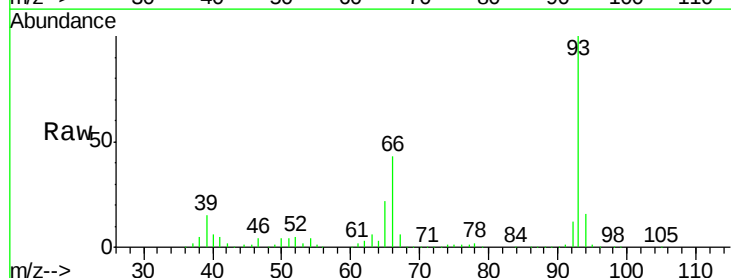
Tgt Ion: 93 Resp: 1026109

Ion Ratio Lower Upper

93 100

66 42.6 55.8 83.6#

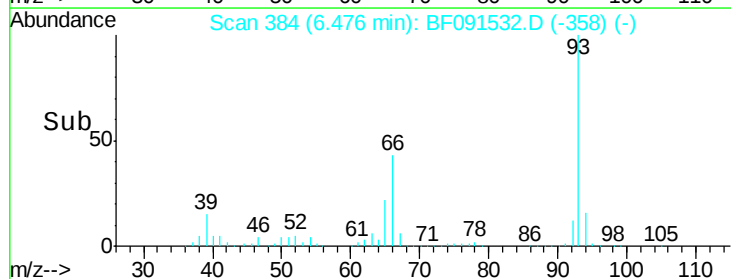
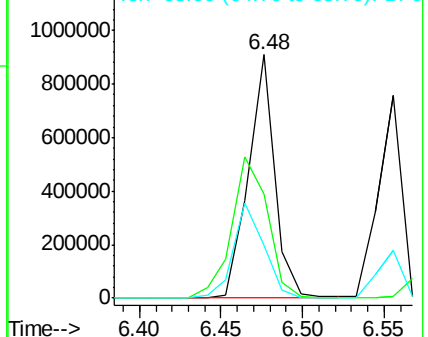
65 21.6 29.9 44.9#

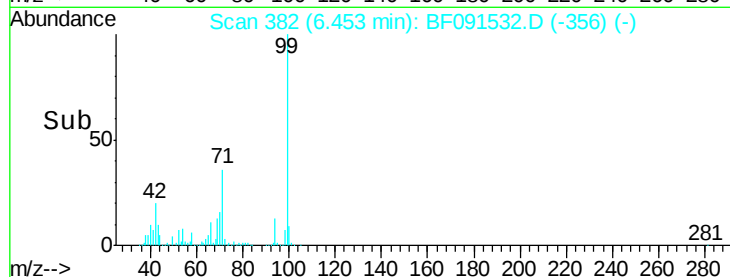
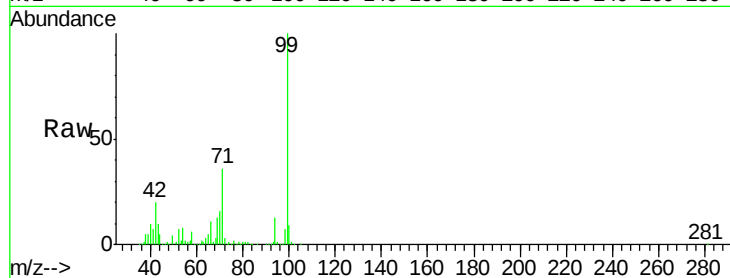
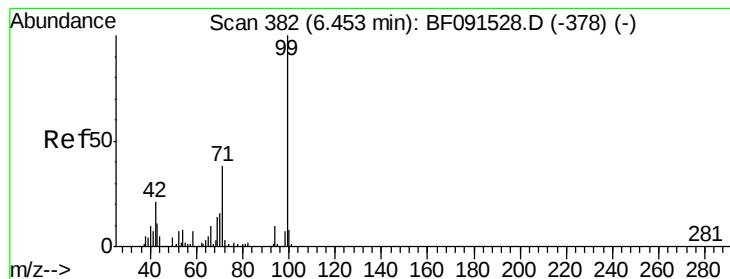


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.86 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

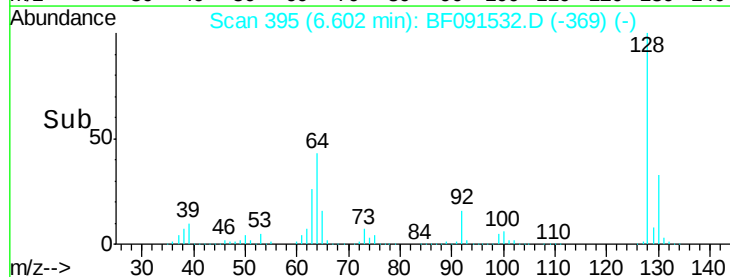
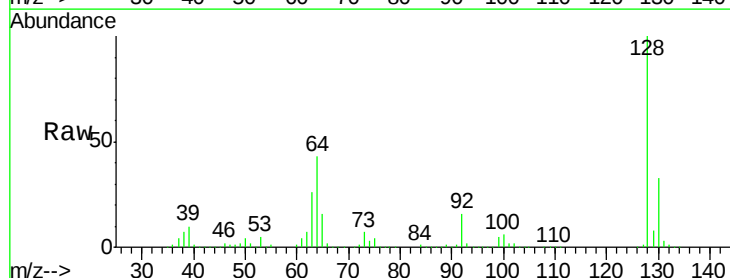
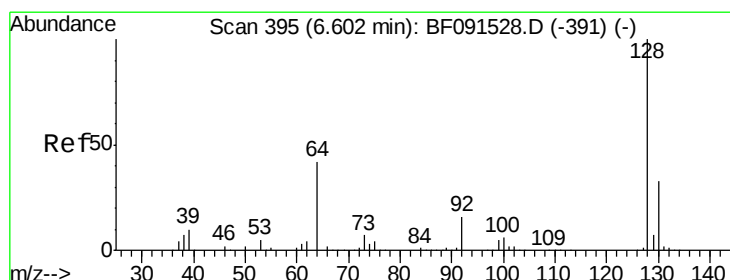
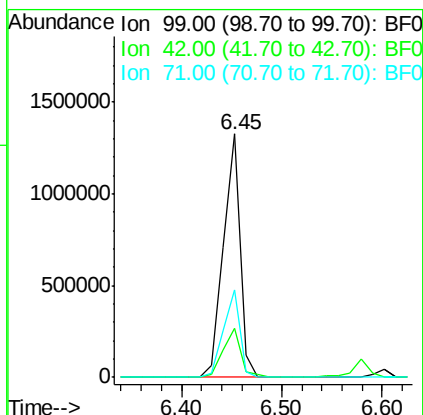
Tot Ion: 99 Resp: 1526725

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

71 35.9 29.9 44.9



#8

2-Chlorophenol

Concen: 39.92 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

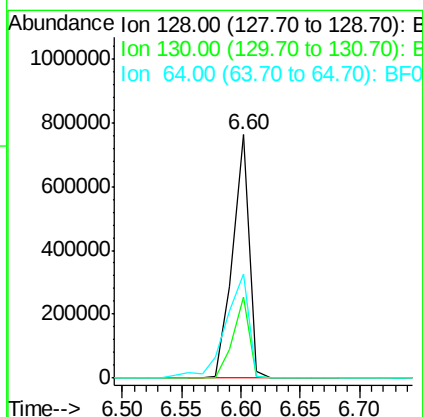
Tgt Ion: 128 Resp: 737082

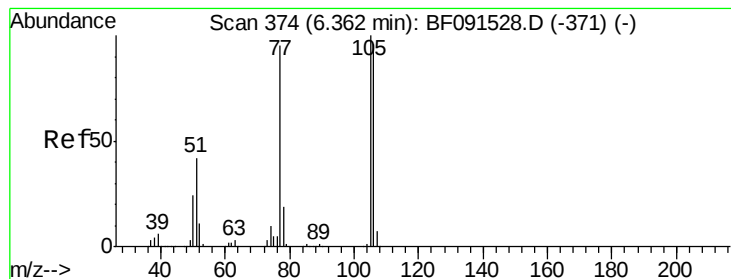
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 42.5 24.1 64.1





#9

Benzaldehyde

Concen: 34.44 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

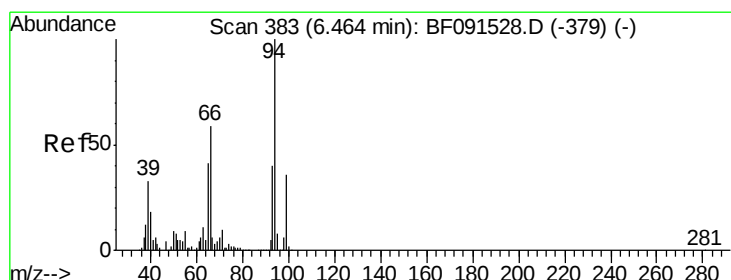
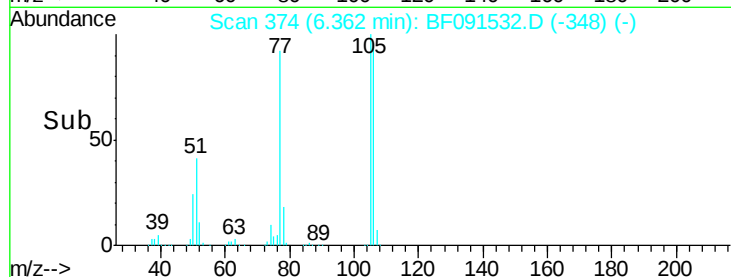
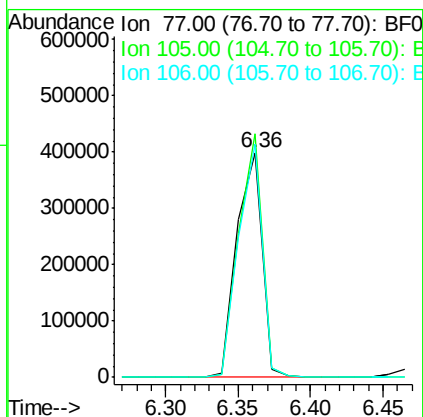
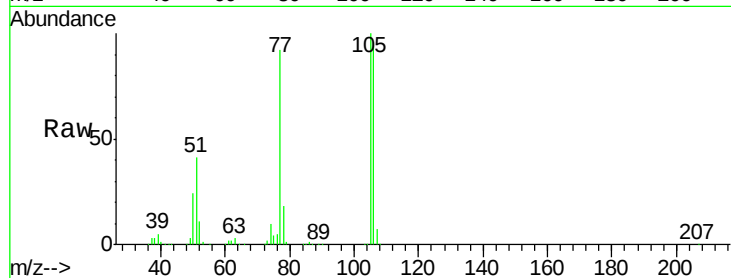
Tot Ion: 77 Resp: 483404

Ion Ratio Lower Upper

77 100

105 108.4 66.4 106.4#

106 103.7 60.9 100.9#



#10

Phenol

Concen: 37.22 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

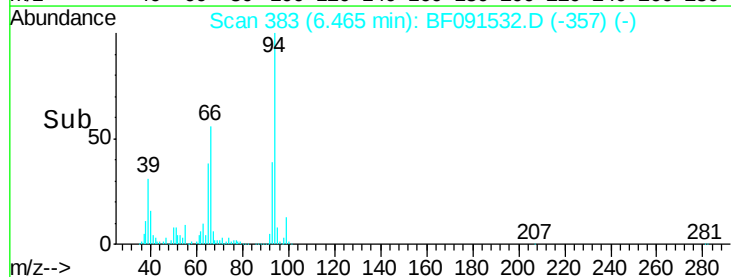
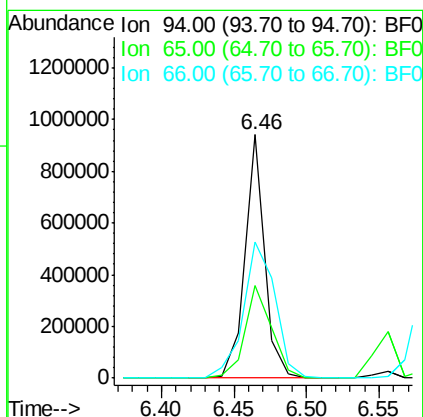
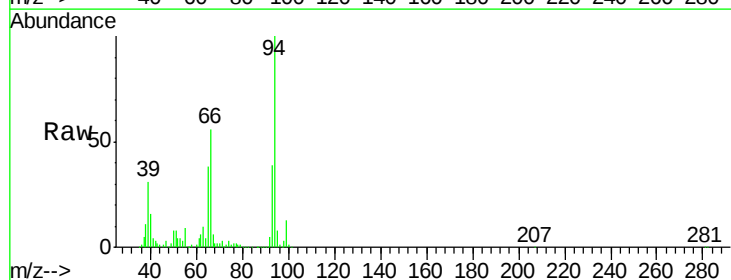
Tgt Ion: 94 Resp: 887529

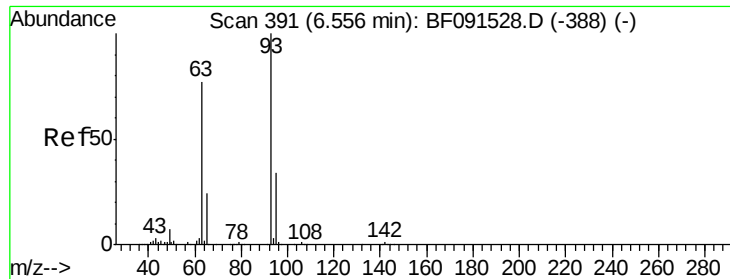
Ion Ratio Lower Upper

94 100

65 37.9 16.9 56.9

66 55.9 30.6 70.6

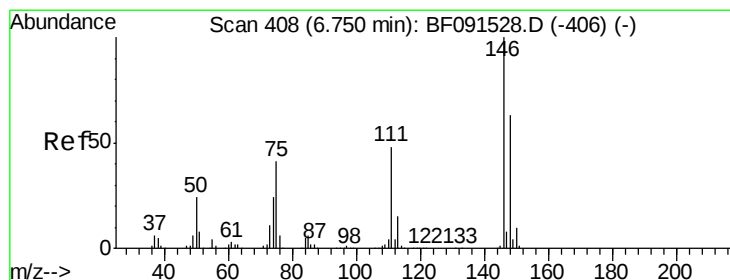
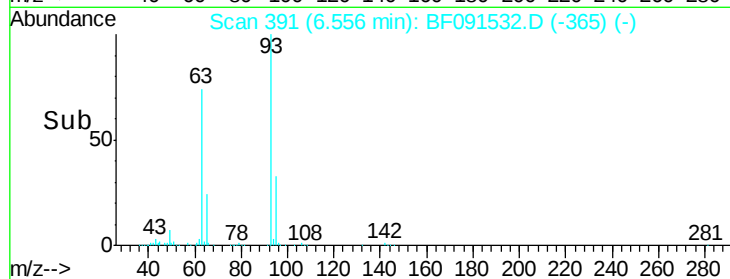
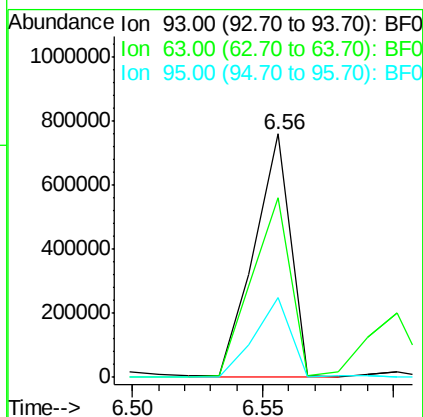
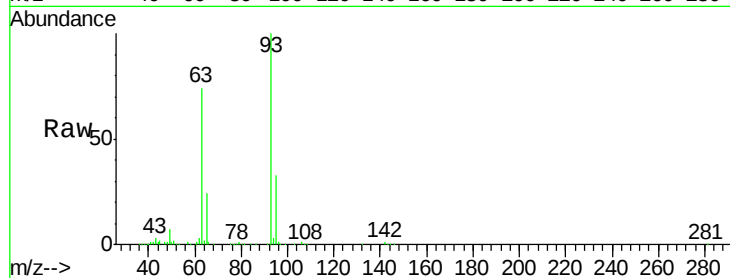




#11
bis(2-Chloroethyl)ether
Concen: 41.57 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

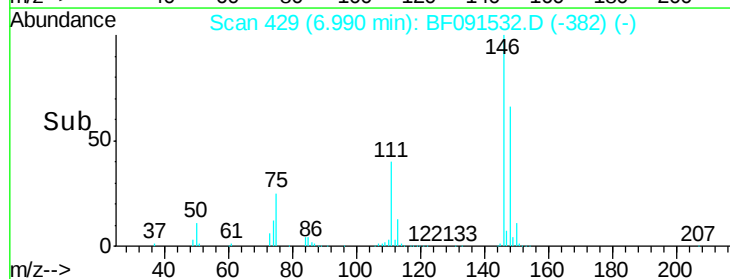
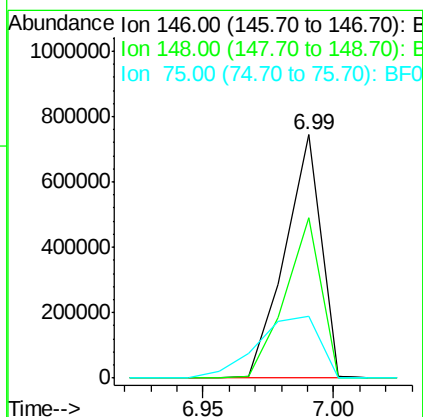
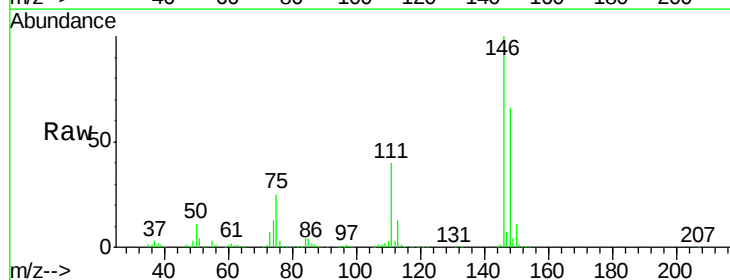
Instrument :
BNA_F
ClientSampleId :

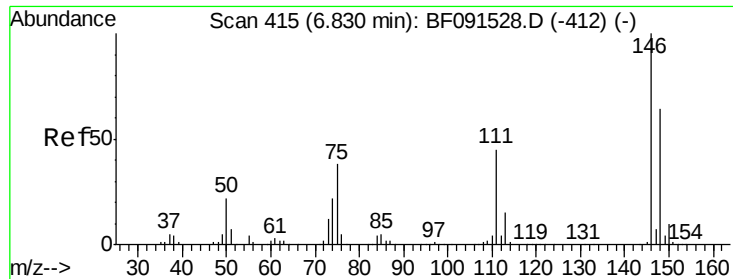
Tot Ion: 93 Resp: 744689
Ion Ratio Lower Upper
93 100
63 74.0 74.8 114.8#
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.65 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.24 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion: 146 Resp: 713796
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.0
75 25.3 23.6 35.4

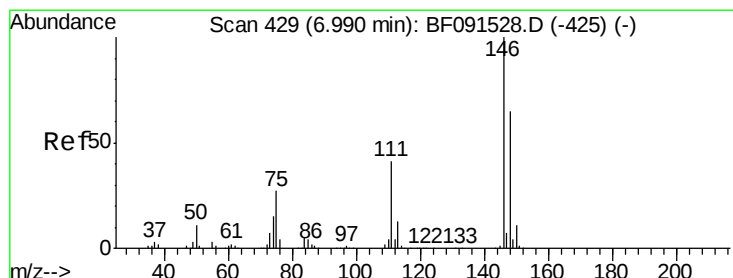
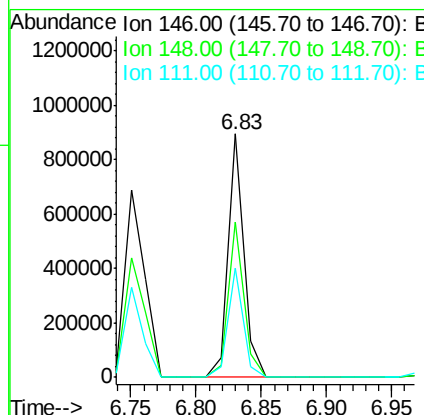
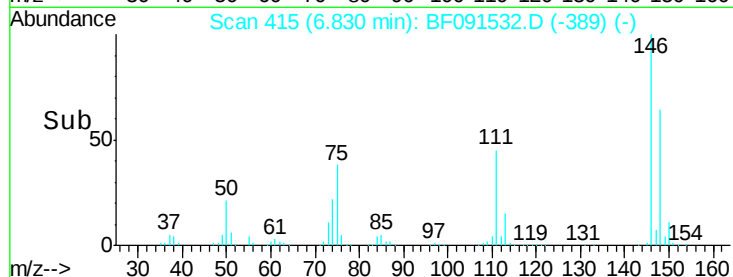
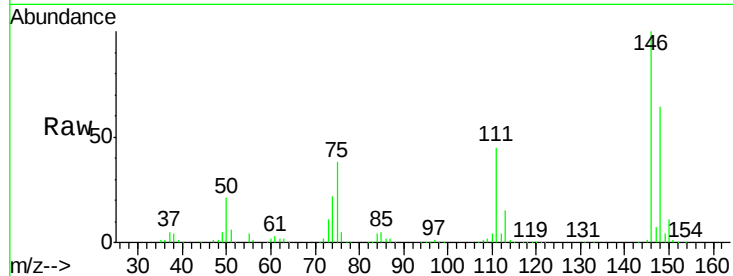




#13
 1,4-Dichlorobenzene
 Concen: 38.17 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

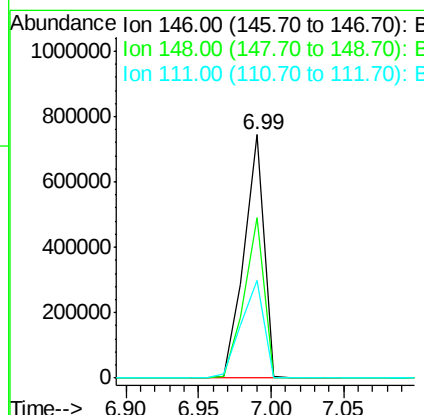
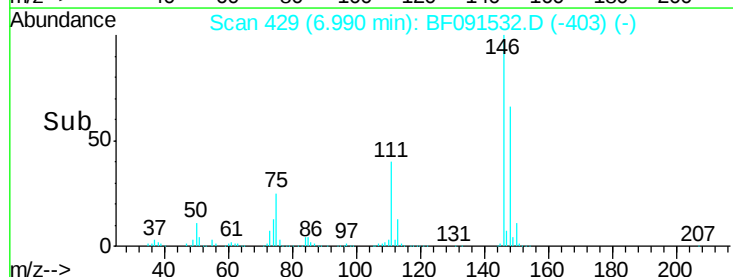
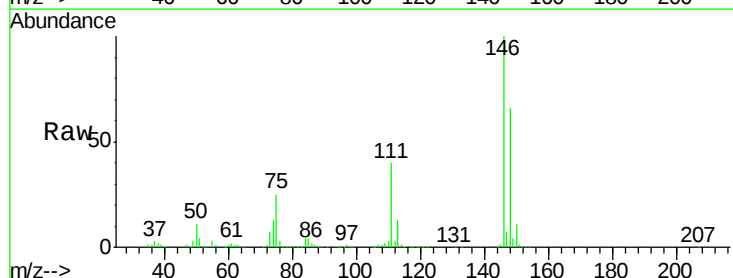
Instrument :
 BNA_F
 ClientSampleId :

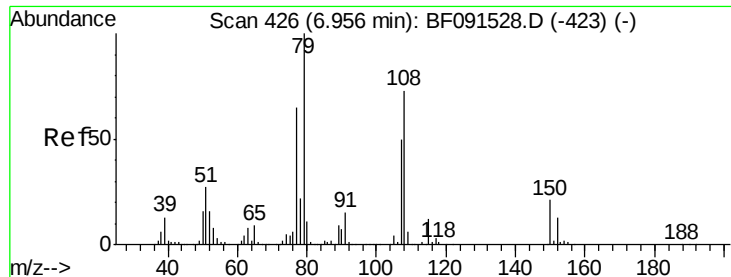
Tot Ion:146 Resp: 753776
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 45.1 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 40.16 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:146 Resp: 714674
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.0 76.6
 111 40.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 36.07 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

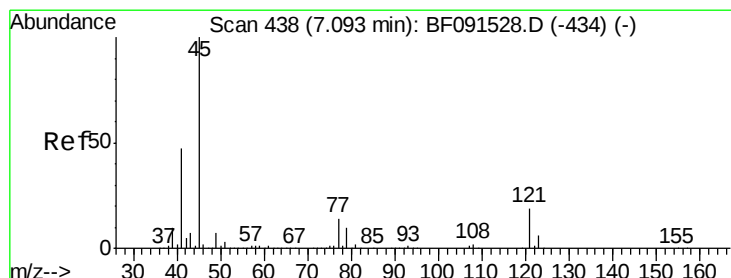
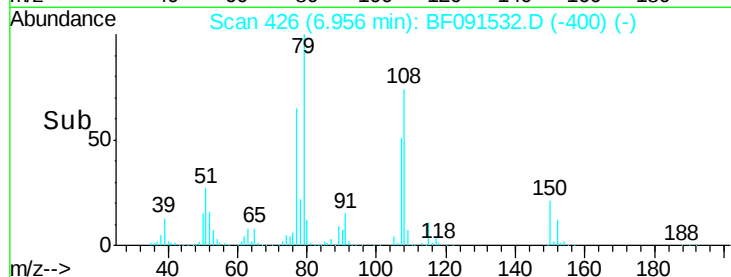
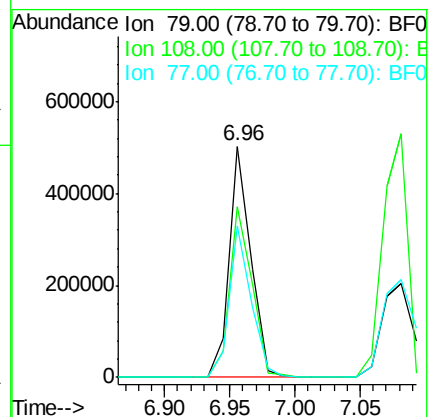
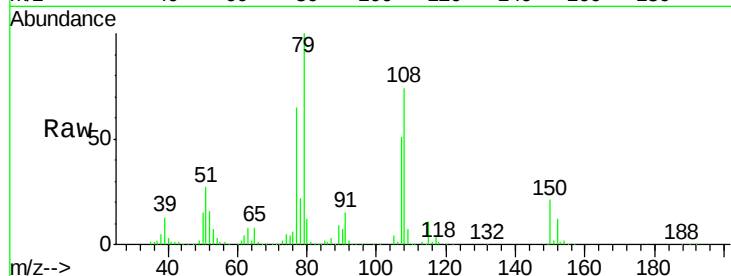
Tot Ion: 79 Resp: 580764

Ion Ratio Lower Upper

79 100

108 73.9 62.7 94.1

77 65.3 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.82 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

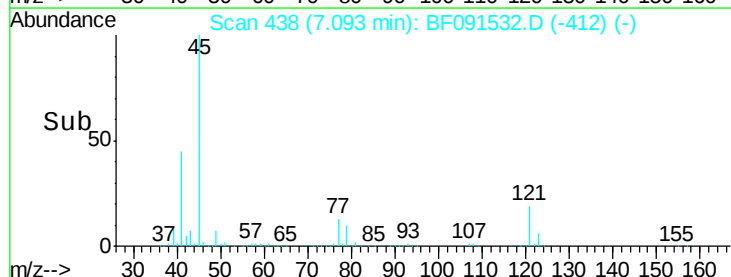
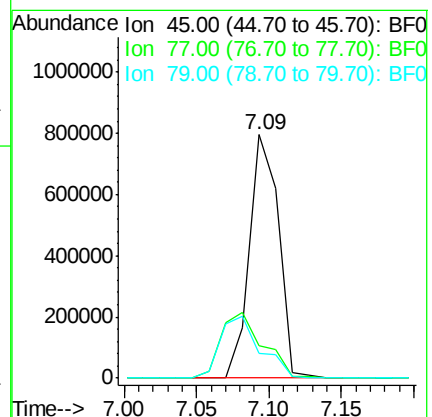
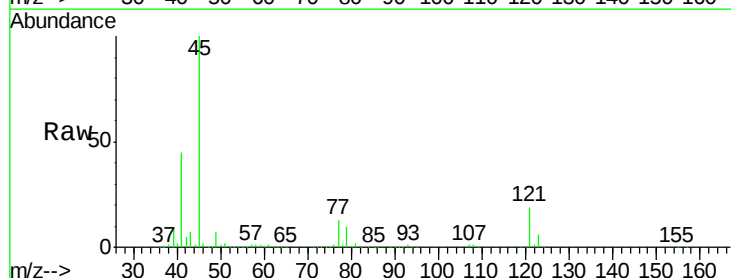
Tgt Ion: 45 Resp: 1105391

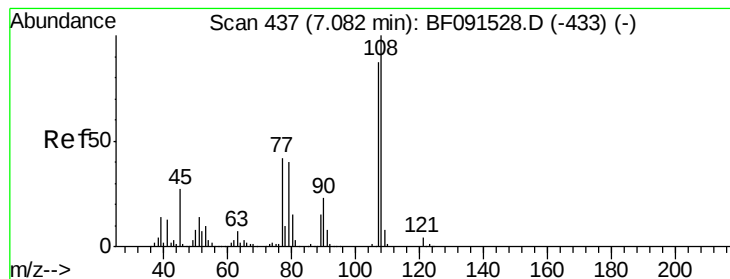
Ion Ratio Lower Upper

45 100

77 13.4 3.8 43.8

79 10.0 0.2 40.2





#17

2-Methylphenol

Concen: 39.25 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 599597

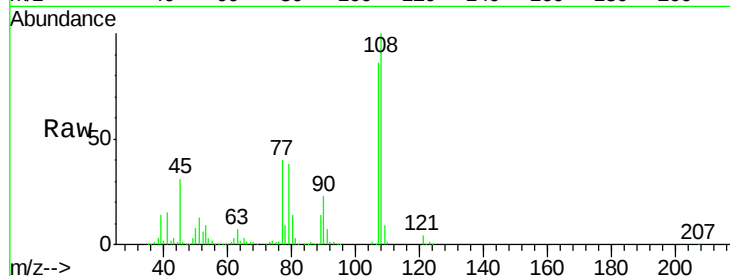
Ion Ratio Lower Upper

107 100

108 115.8 67.7 101.5#

77 46.8 40.7 61.1

79 44.3 23.4 35.2#

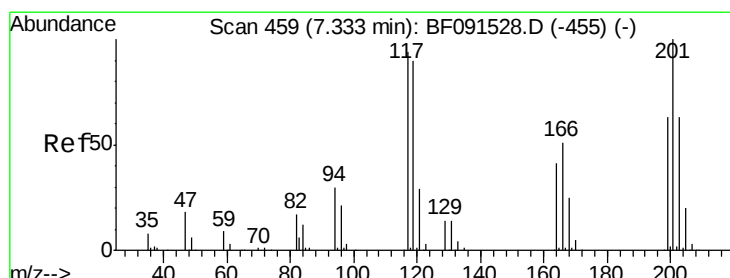
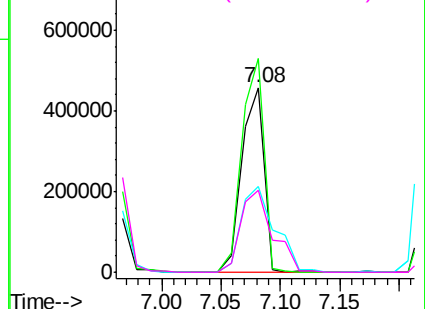
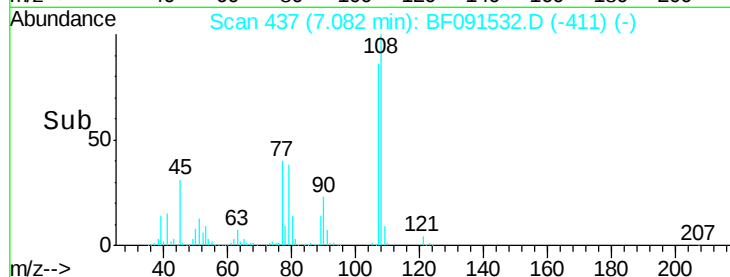


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.33 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

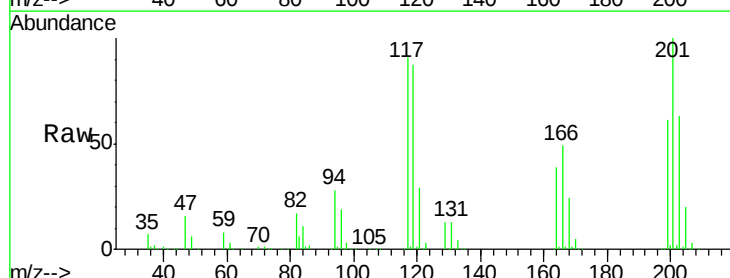
Tgt Ion:117 Resp: 295409

Ion Ratio Lower Upper

117 100

119 95.7 78.6 118.0

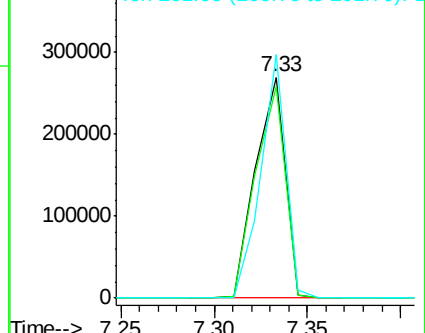
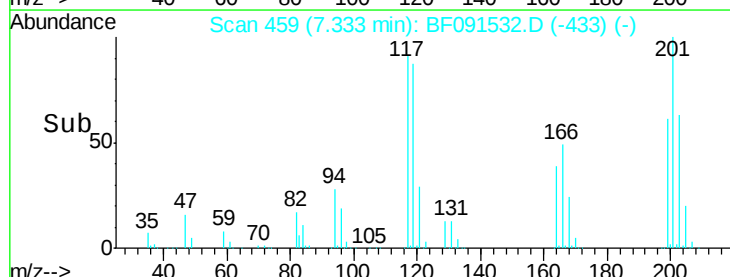
201 110.1 86.7 130.1

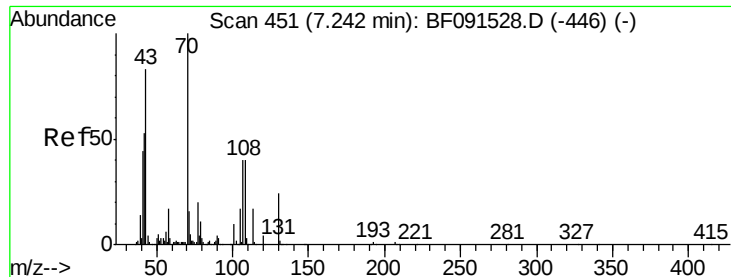


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

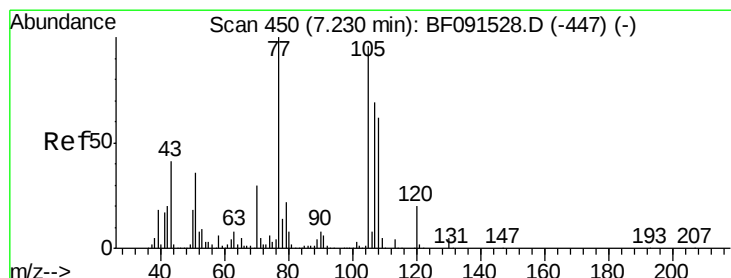
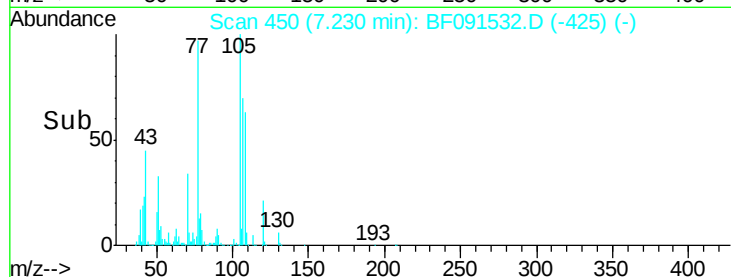
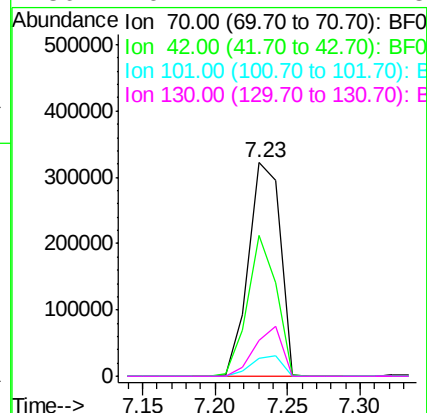
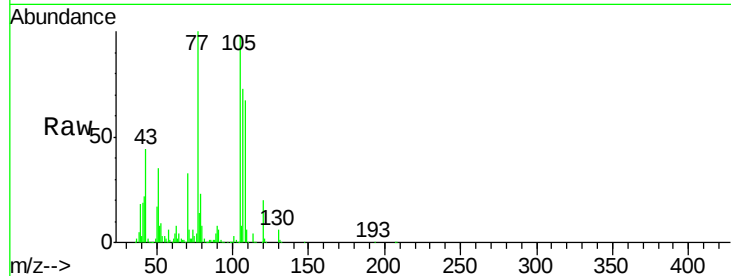




#19
n-Nitroso-di-n-propylamine
Concen: 38.58 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

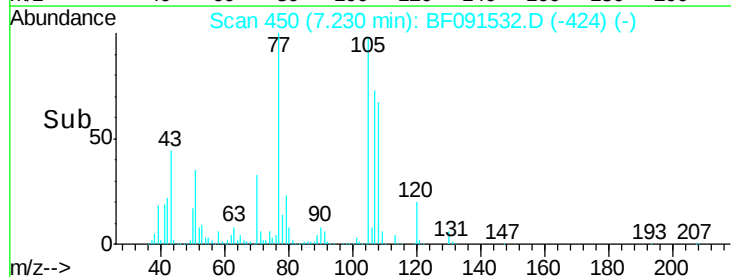
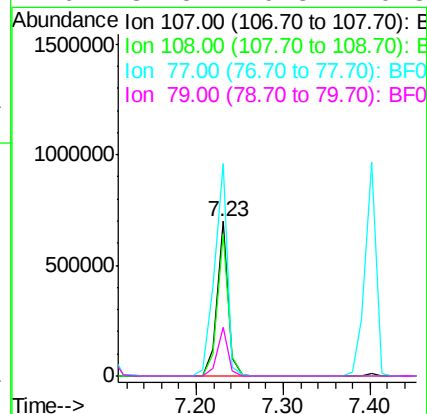
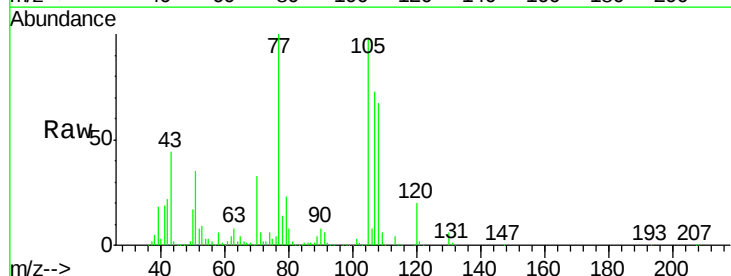
Instrument :
BNA_F
ClientSampled :

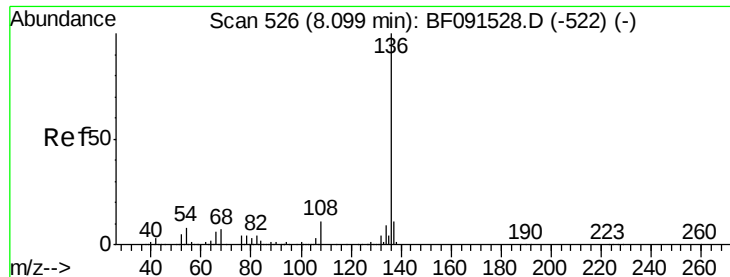
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	64.8	97.2
101	8.7	6.2	9.4
130	16.7	11.7	17.5



#20
3+4-Methylphenols
Concen: 37.35 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	64.6	104.6
77	137.9	30.9	70.9#
79	31.8	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

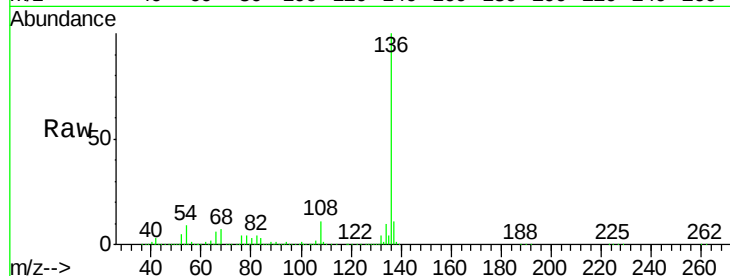
Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1077834

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.7	9.1	13.7#
68	6.5	5.9	8.9



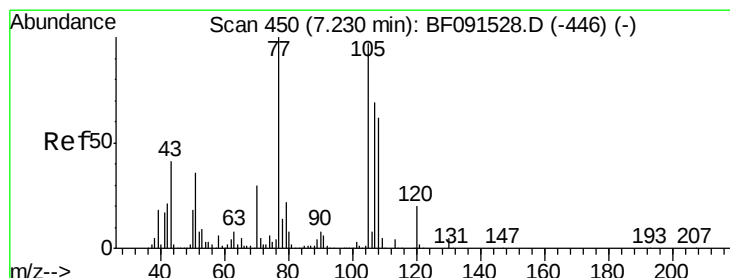
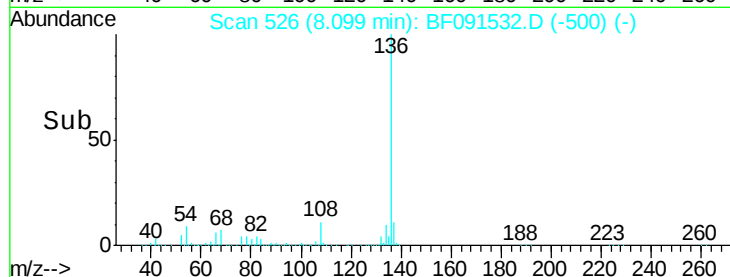
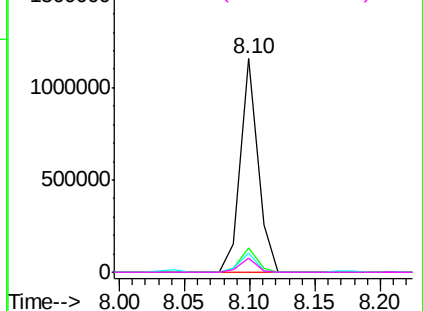
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.41 ng

RT: 7.23 min Scan# 450

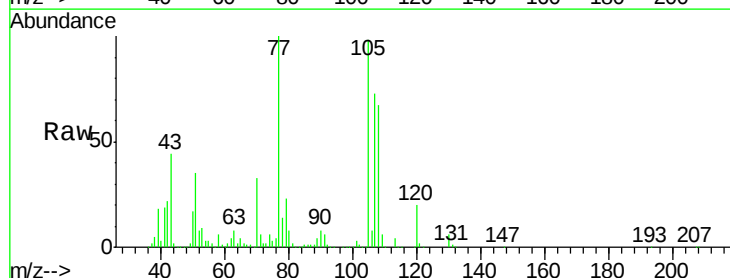
Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:105 Resp: 991906

Ion	Ratio	Lower	Upper
105	100		
71	5.7	7.9	11.9#
51	35.9	24.5	36.7
120	20.9	16.6	24.8



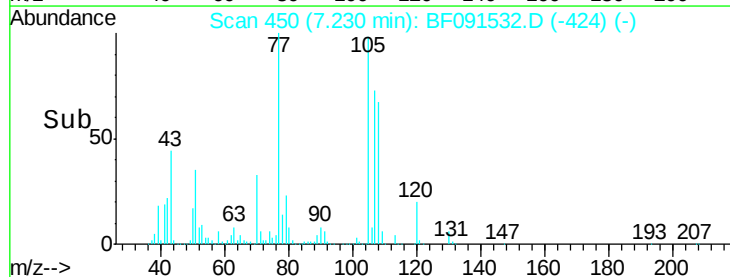
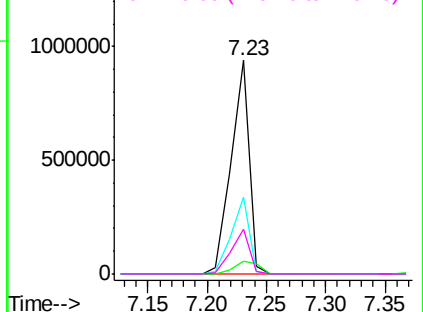
Abundance

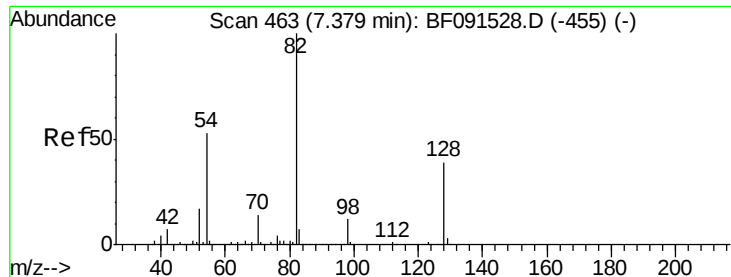
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

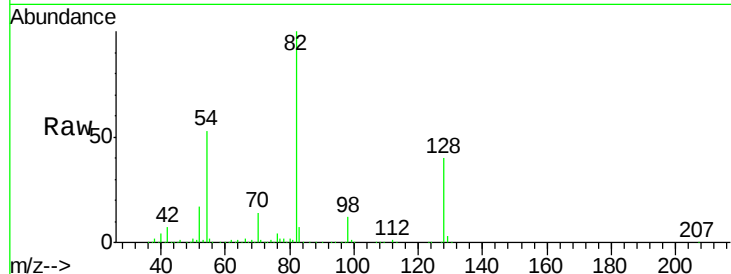




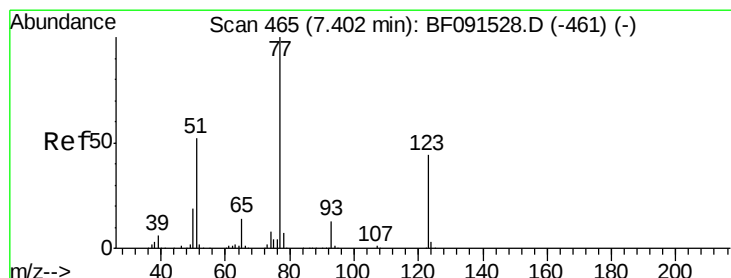
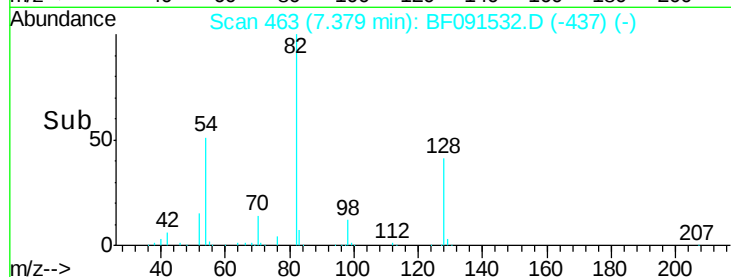
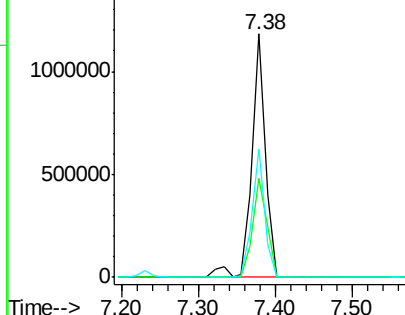
#23
Nitrobenzene-d5
Concen: 74.40 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1436756
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 52.7 49.1 73.7

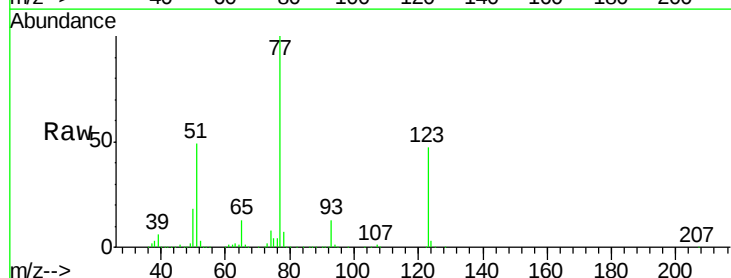


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

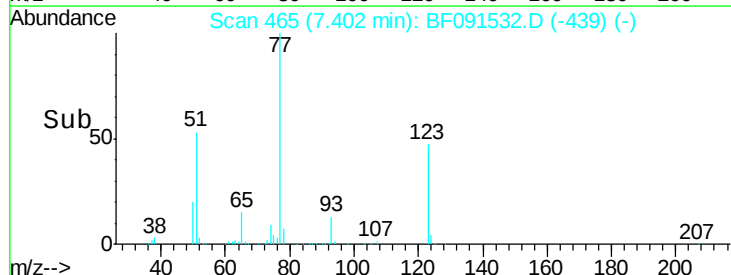
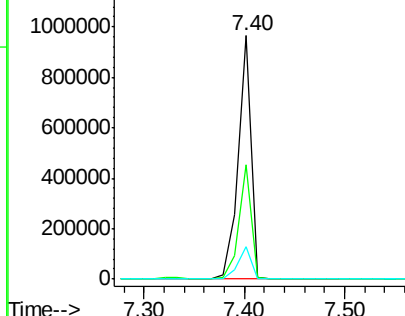


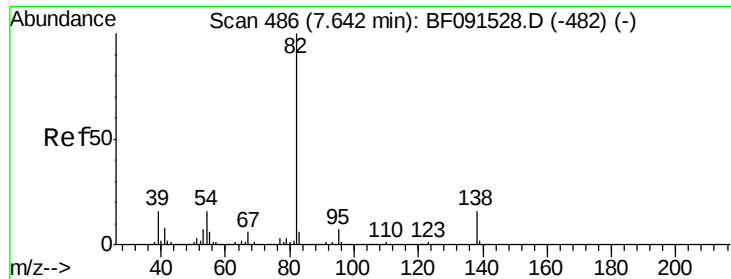
#24
Nitrobenzene
Concen: 42.09 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion: 77 Resp: 858734
Ion Ratio Lower Upper
77 100
123 47.1 28.5 42.7#
65 13.5 12.5 18.7



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: 38.85 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

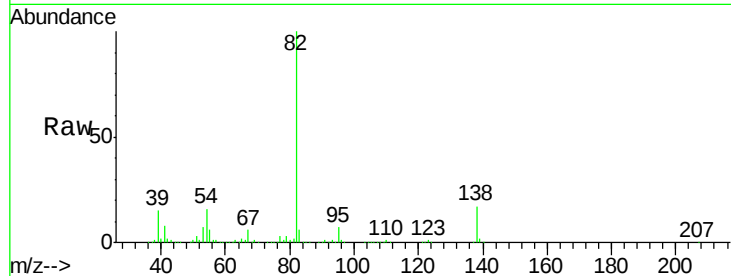
Tot Ion: 82 Resp: 1333662

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

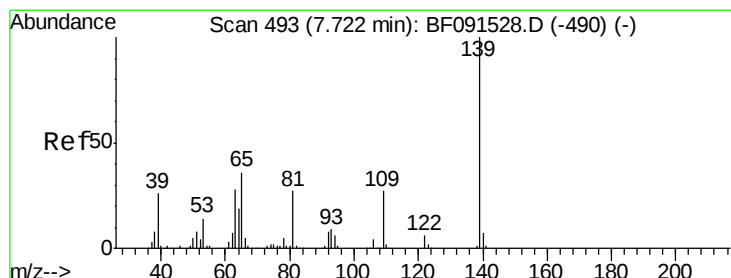
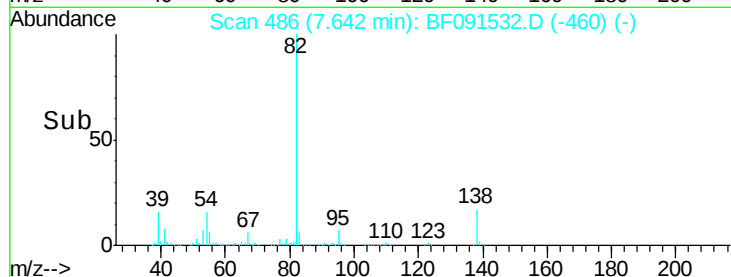
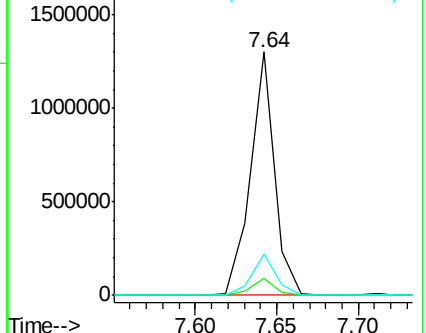
138 16.9 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.28 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

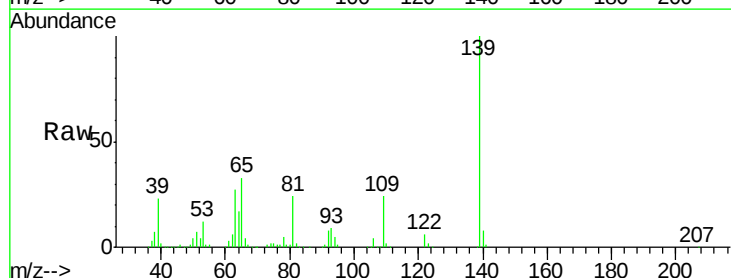
Tgt Ion: 139 Resp: 362687

Ion Ratio Lower Upper

139 100

109 24.2 25.3 37.9#

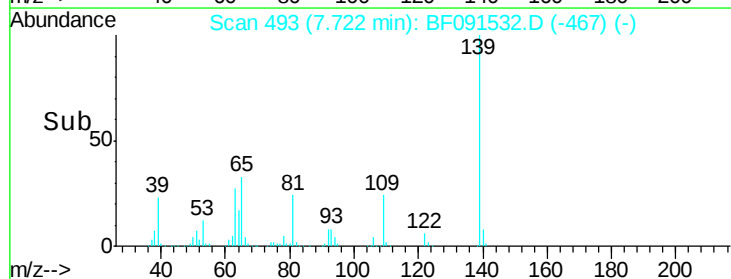
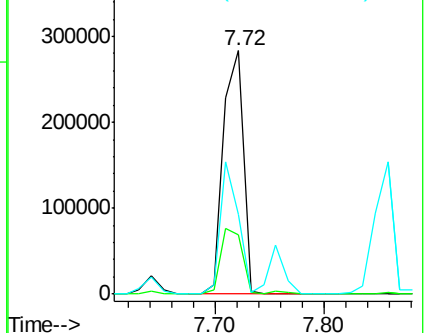
65 32.9 55.4 83.2#

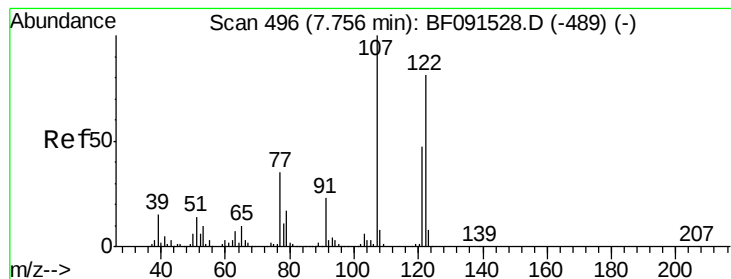


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.64 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

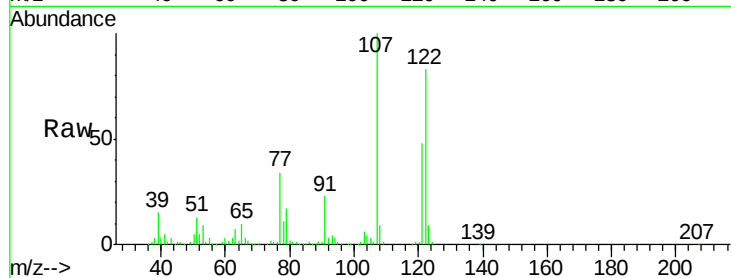
Tot Ion:122 Resp: 579522

Ion Ratio Lower Upper

122 100

107 120.7 96.8 145.2

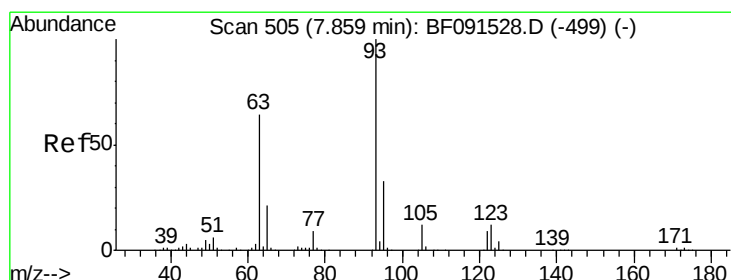
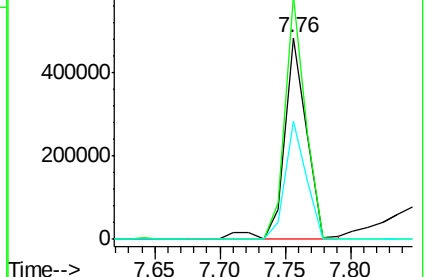
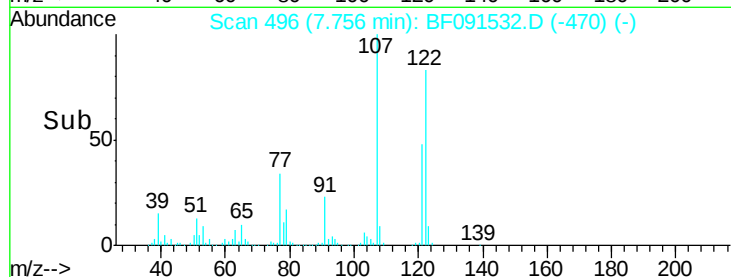
121 58.4 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.39 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

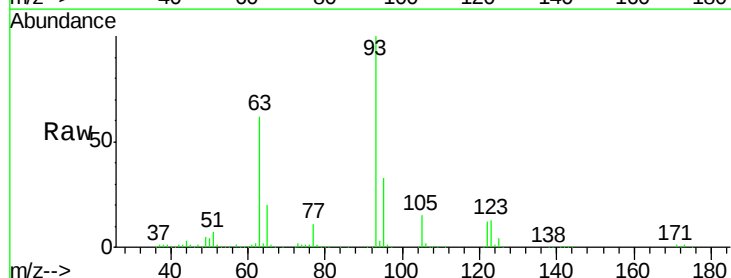
Tgt Ion: 93 Resp: 833439

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

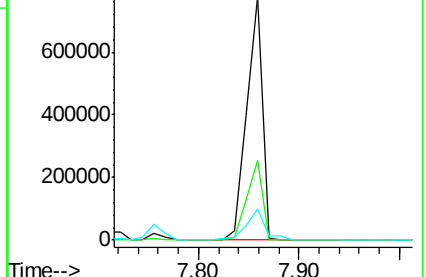
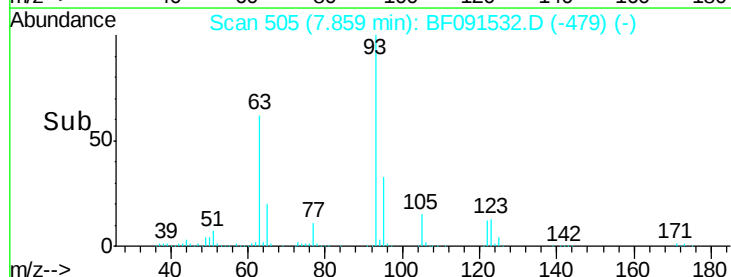
123 12.9 8.6 12.8#

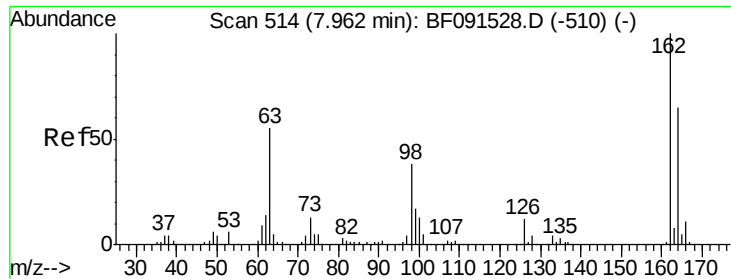


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

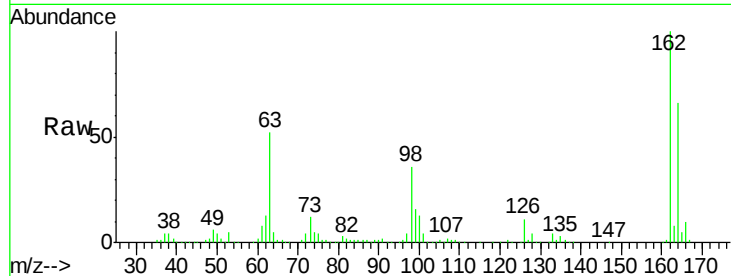




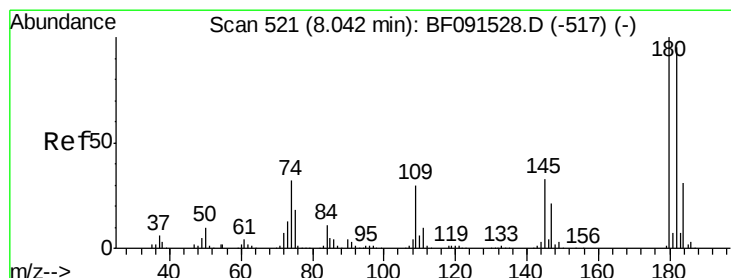
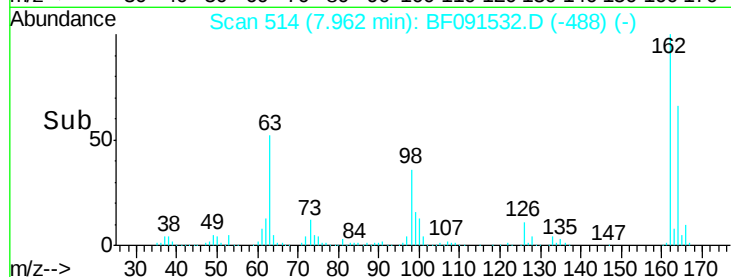
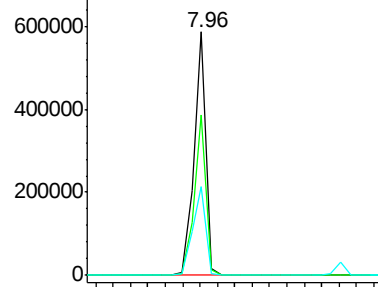
#29
 2,4-Dichlorophenol
 Concen: 40.96 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 563652
 Ion Ratio Lower Upper
 162 100
 164 65.9 45.0 85.0
 98 36.5 21.3 61.3

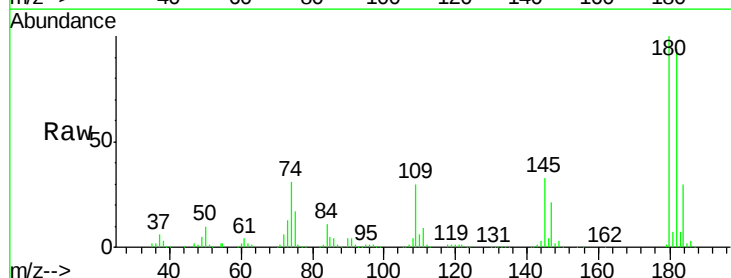


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

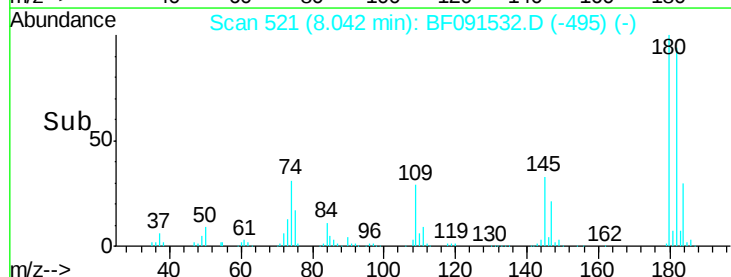
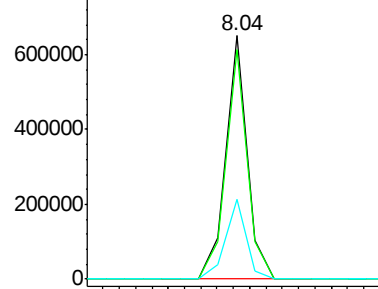


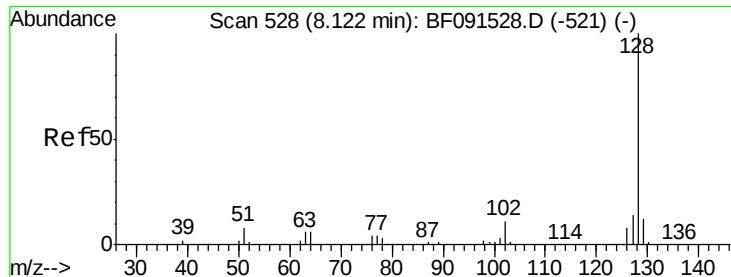
#30
 1,2,4-Trichlorobenzene
 Concen: 37.94 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:180 Resp: 593401
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.8 113.8
 145 32.8 27.0 40.4



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

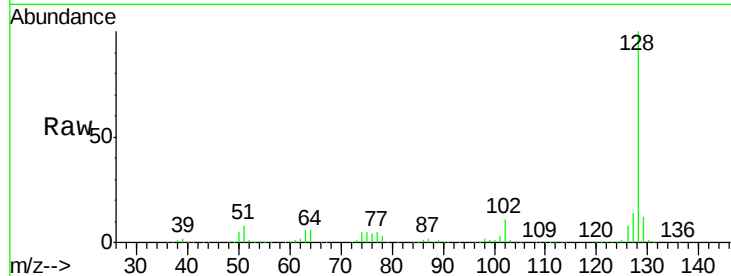




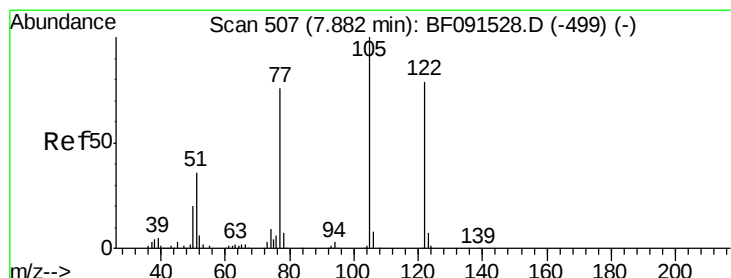
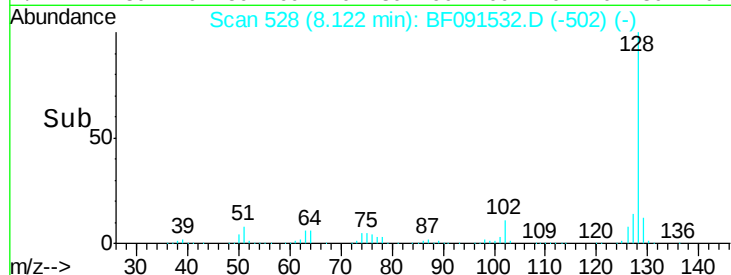
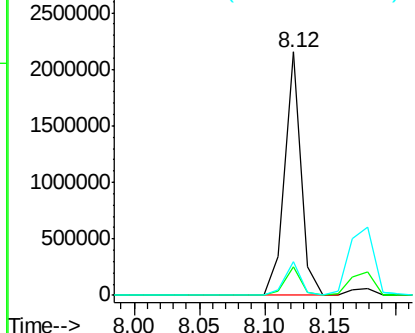
#31
Naphthalene
Concen: 37.70 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1890678
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.0 16.4

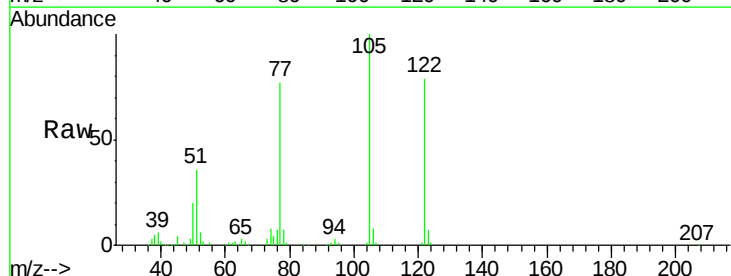


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

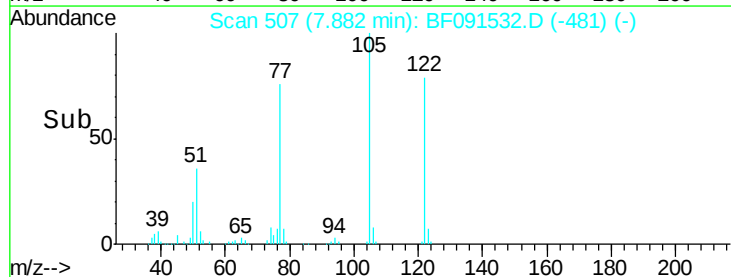
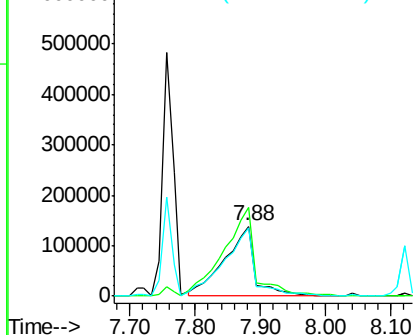


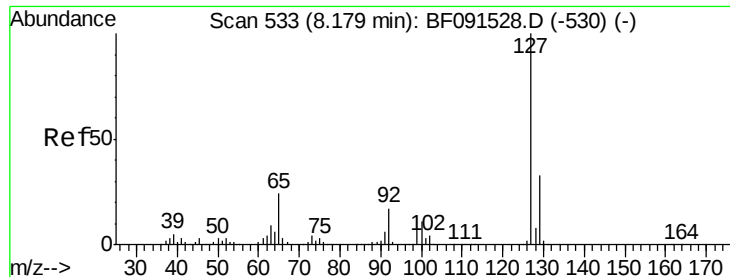
#32
Benzoic acid
Concen: 39.90 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:122 Resp: 442405
Ion Ratio Lower Upper
122 100
105 127.3 113.0 153.0
77 97.4 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

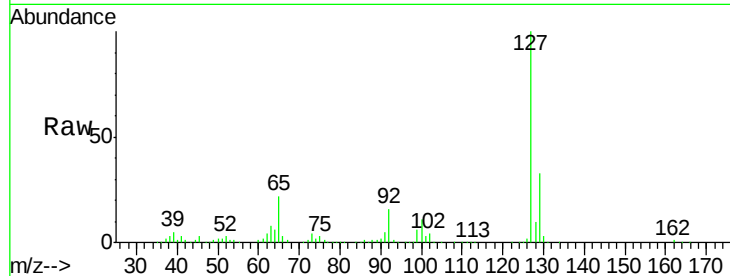




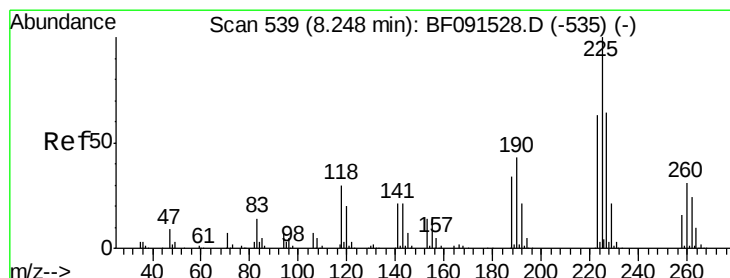
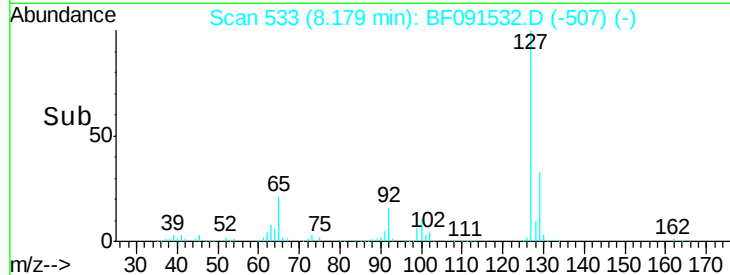
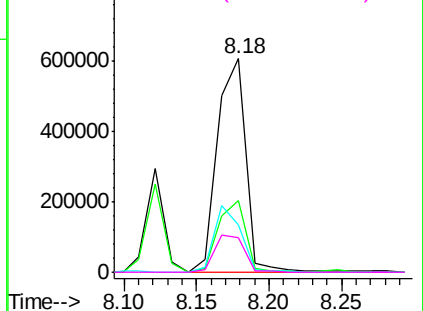
#33
4-Chloroaniline
Concen: 38.15 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	824233
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.4
65	22.1	26.6	39.8#
92	16.0	15.4	23.0

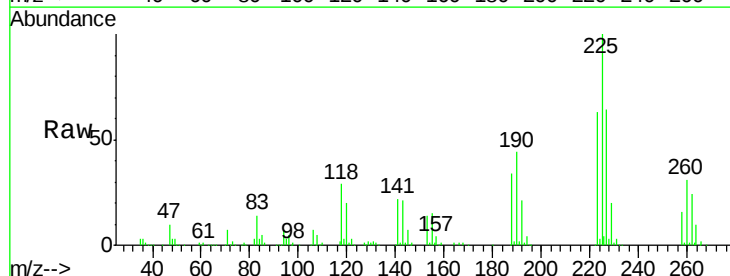


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

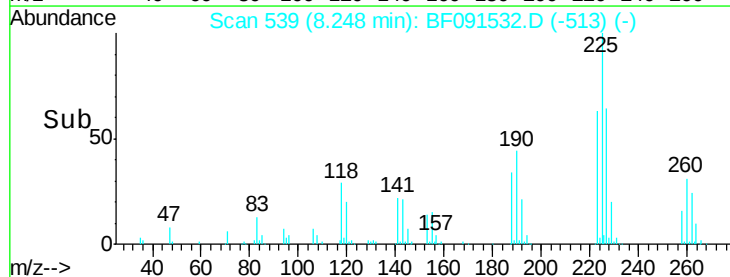
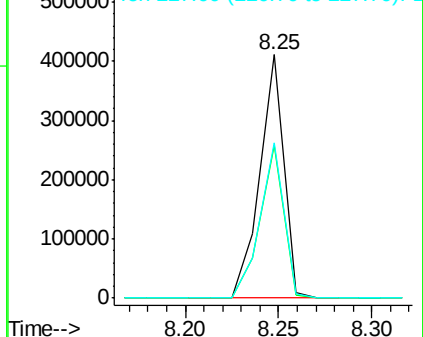


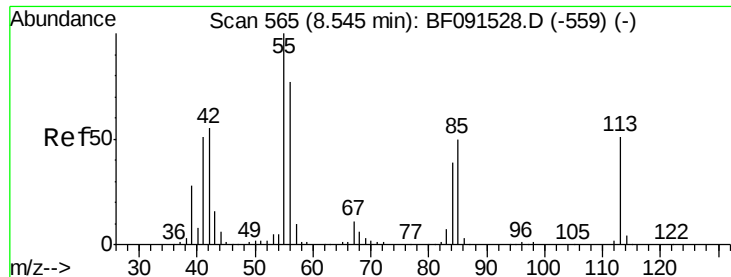
#34
Hexachlorobutadiene
Concen: 40.60 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:	225	Resp:	364022
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	63.6	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

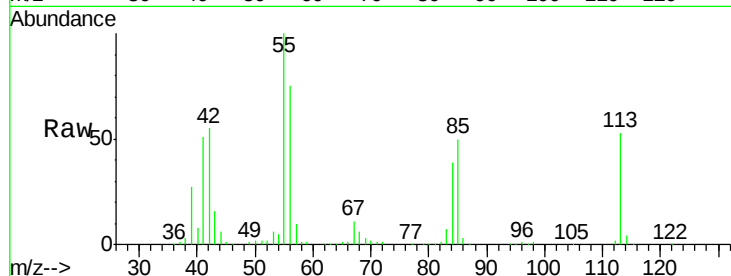




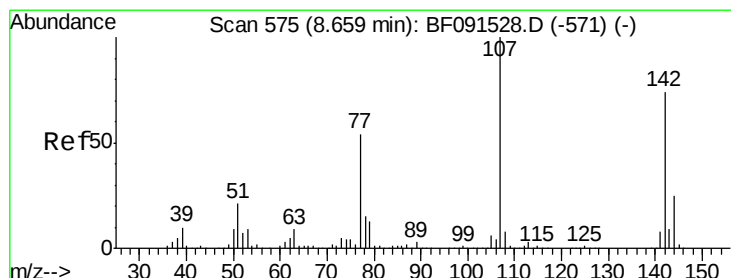
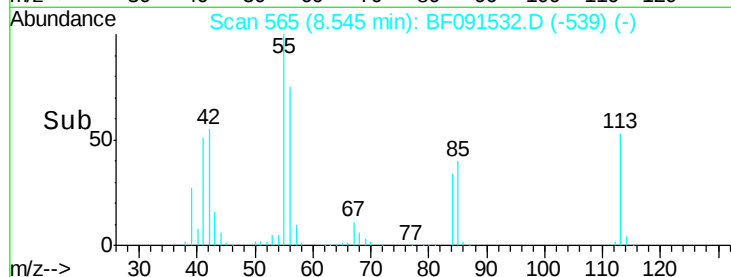
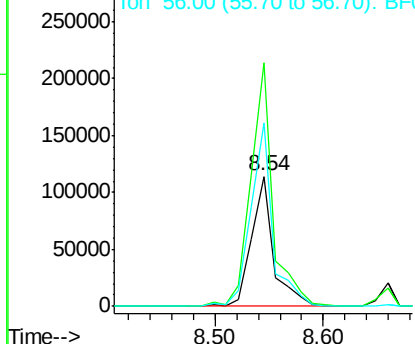
#35
Caprolactam
Concen: 39.92 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 160447
Ion Ratio Lower Upper
113 100
55 187.8 239.8 279.8#
56 141.7 165.6 205.6#

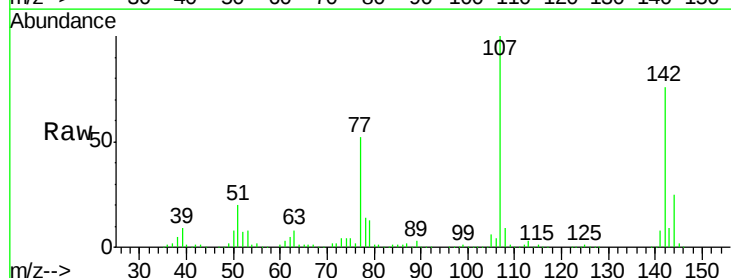


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

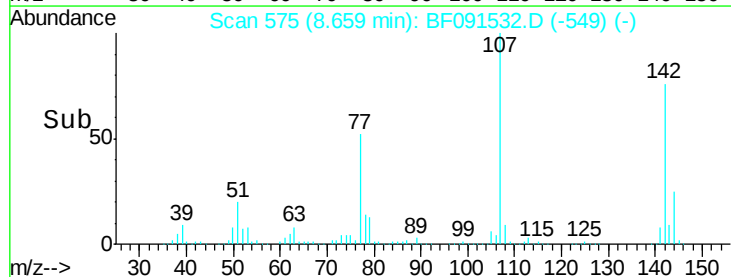
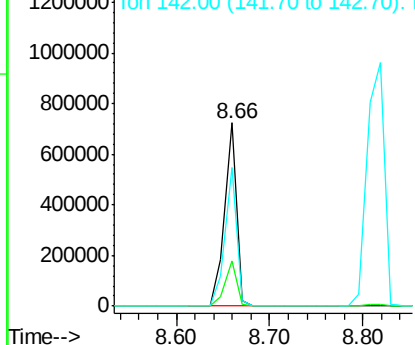


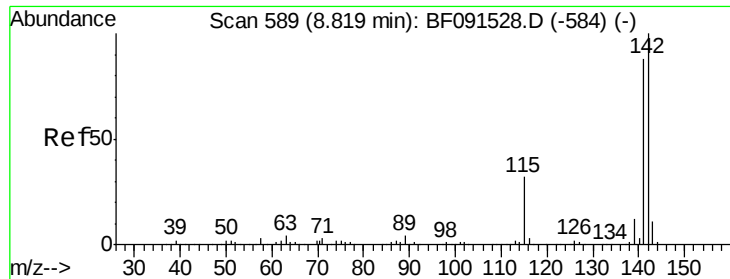
#36
4-Chloro-3-methylphenol
Concen: 41.85 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:107 Resp: 645835
Ion Ratio Lower Upper
107 100
144 24.8 18.9 28.3
142 75.6 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

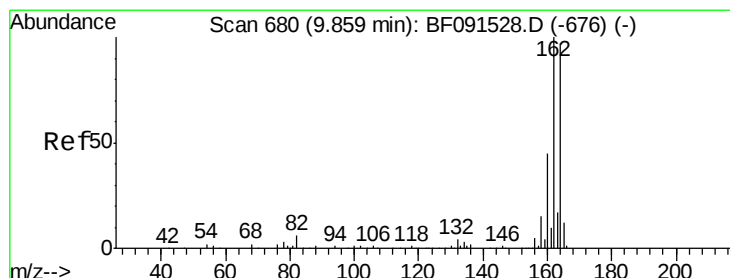
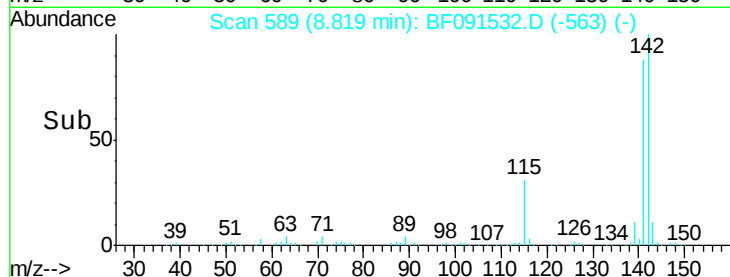
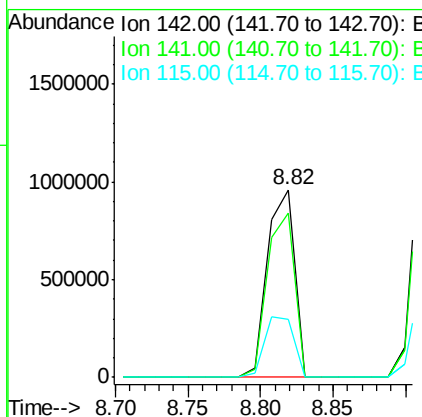
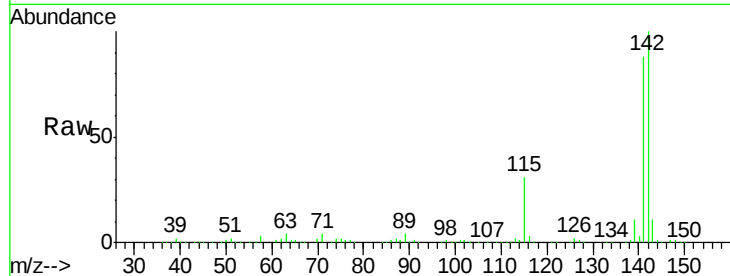




#37
2-Methylnaphthalene
Concen: 38.51 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

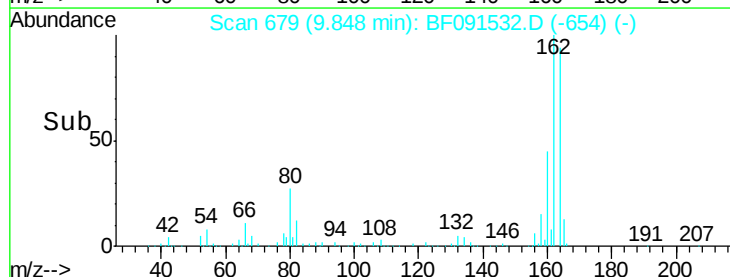
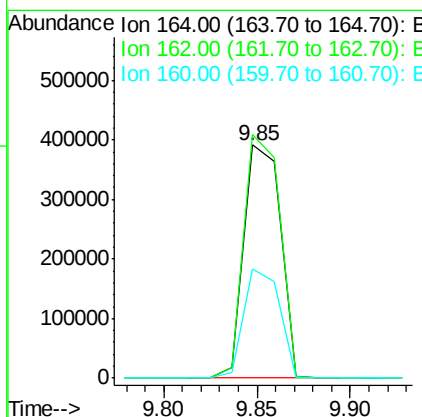
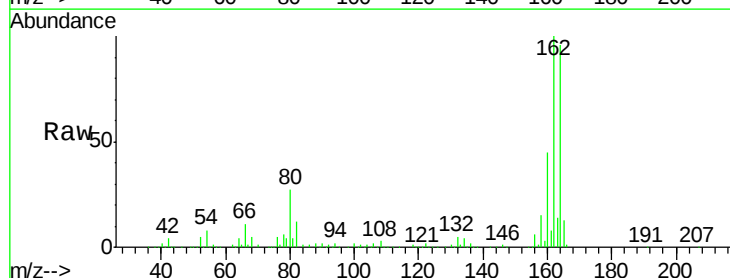
Instrument :
BNA_F
ClientSampleId :

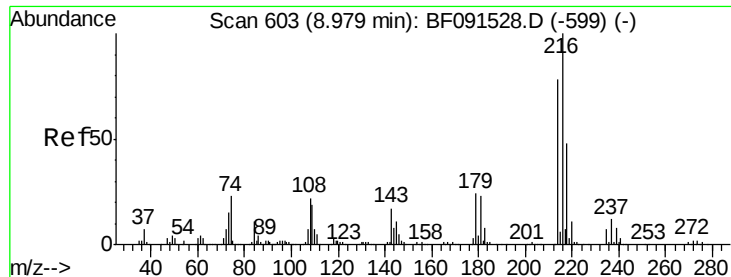
Tot Ion:142 Resp: 1250022
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 30.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:164 Resp: 531355
Ion Ratio Lower Upper
164 100
162 104.4 82.6 124.0
160 46.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.74 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 520826

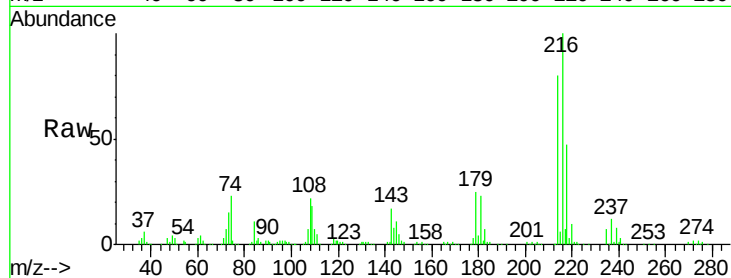
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 23.9 18.2 27.2

108 23.5 17.2 25.8

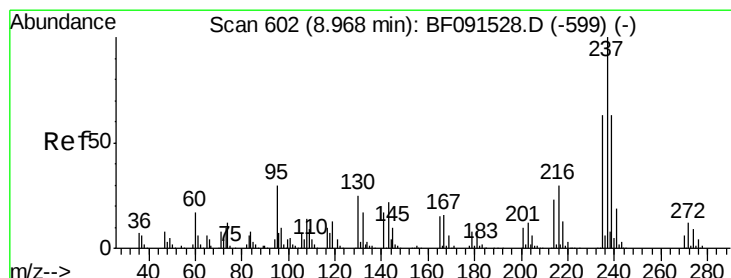
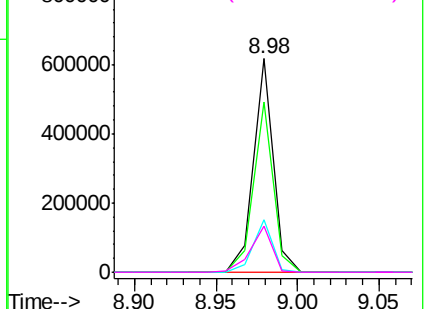
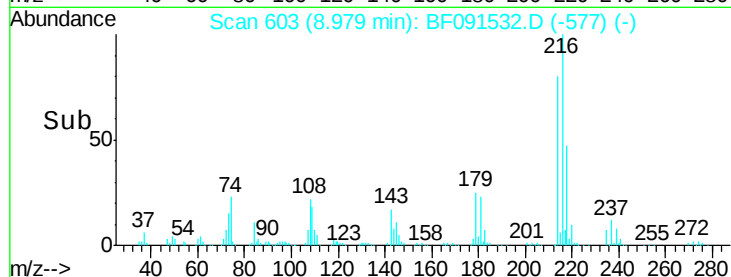


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 40.18 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

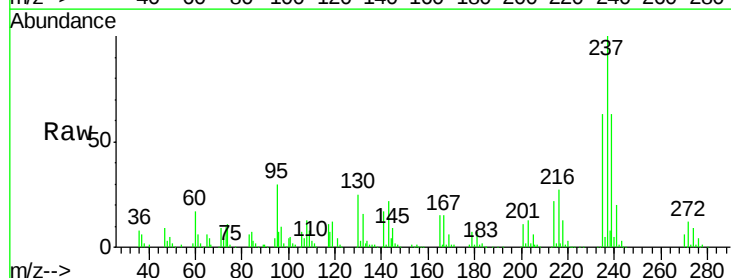
Tgt Ion:237 Resp: 261091

Ion Ratio Lower Upper

237 100

235 63.5 43.9 83.9

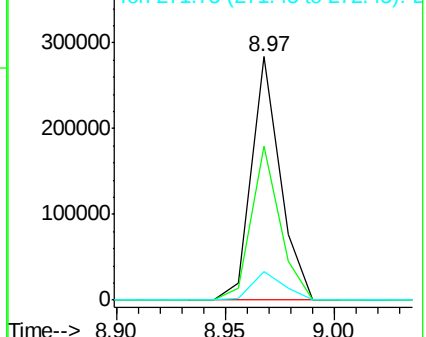
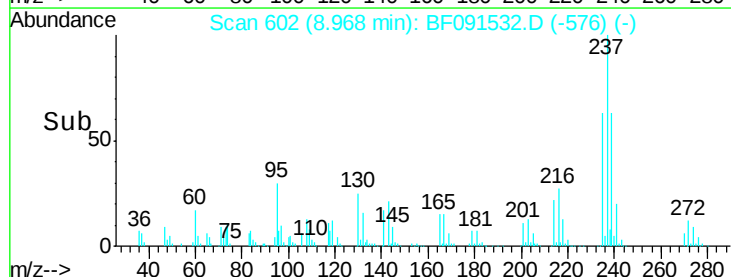
272 11.7 0.0 33.1

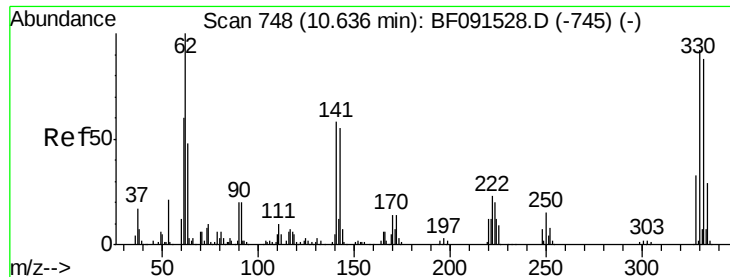


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

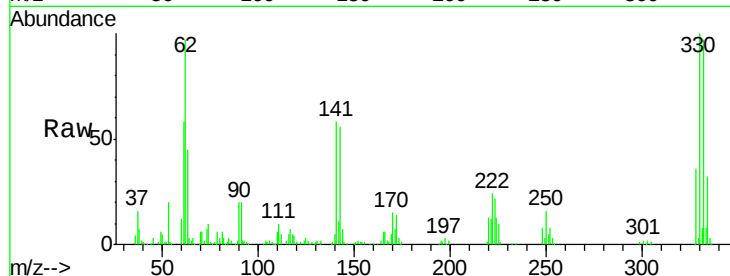




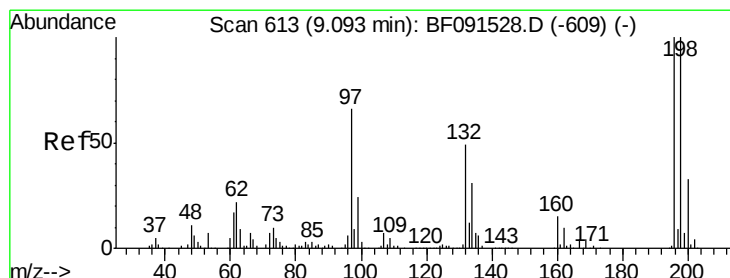
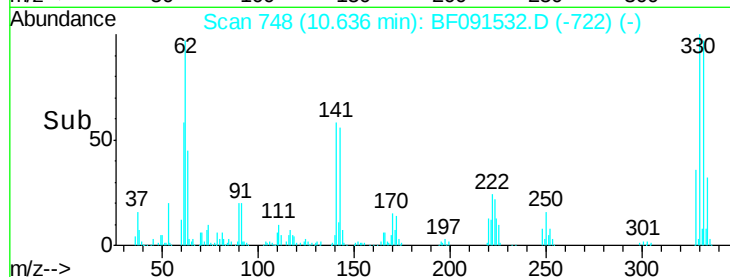
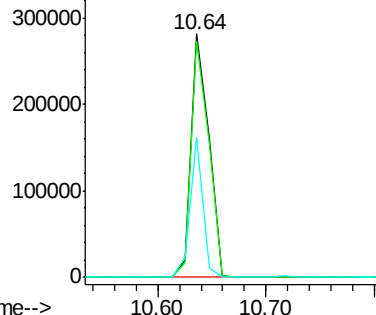
#41
 2,4,6-Tribromophenol
 Concen: 72.49 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	42.8	33.6	50.4

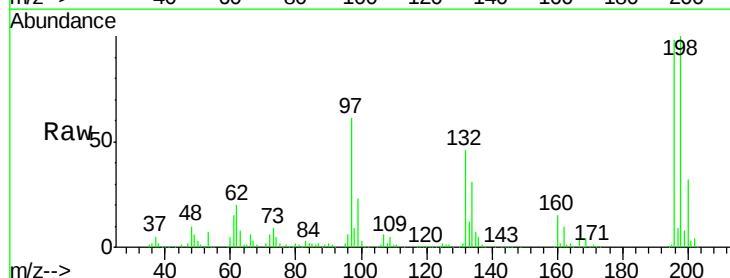


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

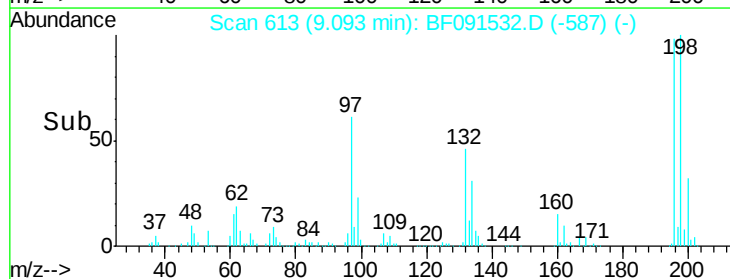
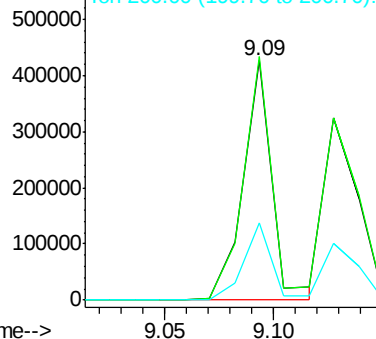


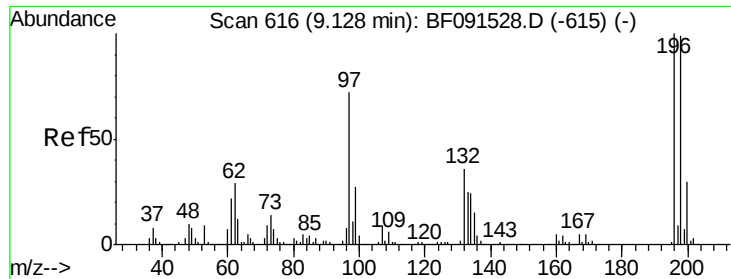
#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	77.4	116.0
200	32.4	25.2	37.8



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

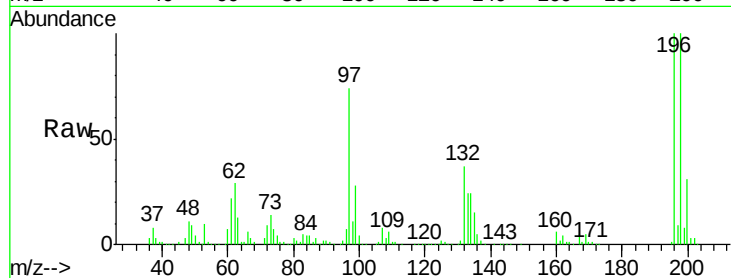




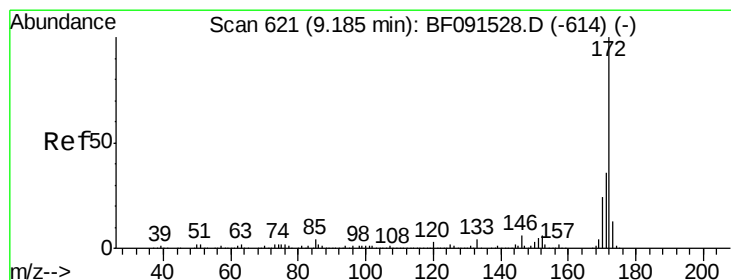
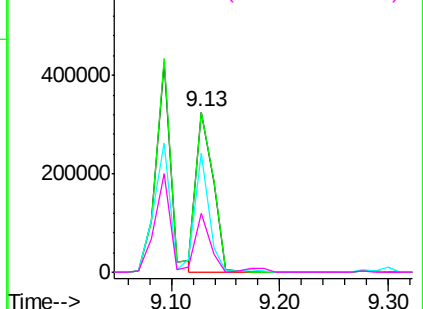
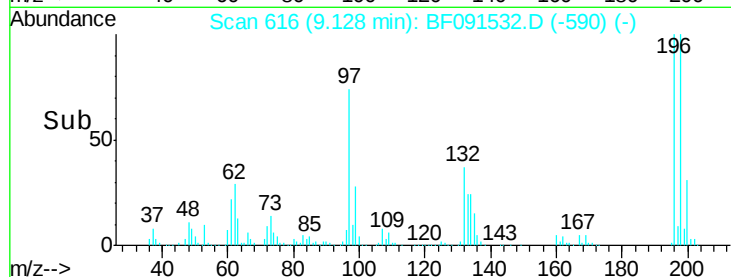
#43
 2,4,5-Trichlorophenol
 Concen: 36.85 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 354577
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.0 115.6
 97 74.5 33.5 50.3#
 132 37.1 20.5 30.7#

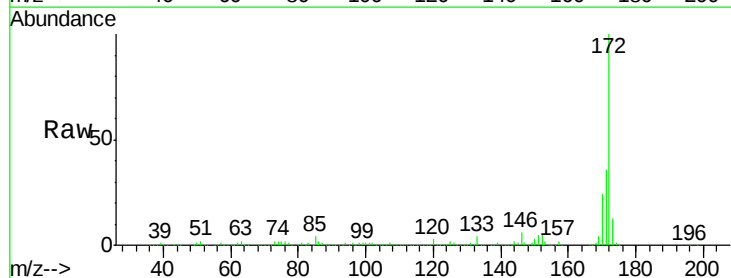


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

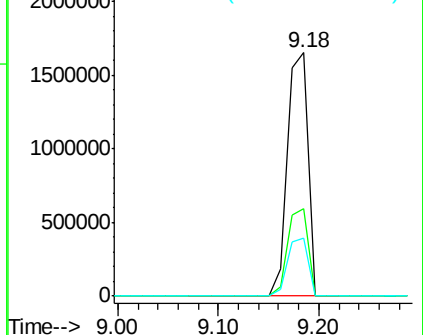
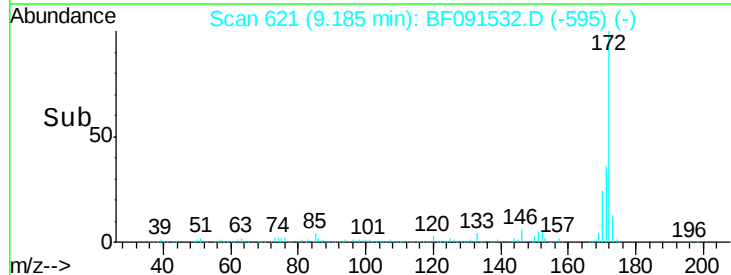


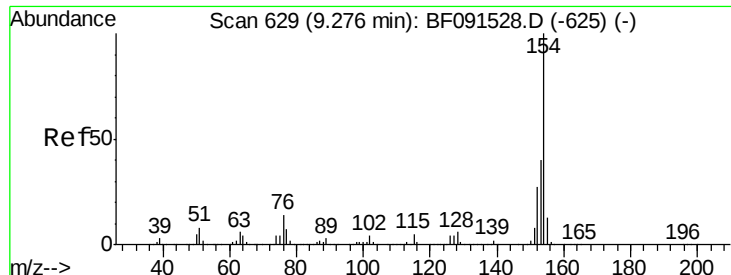
#44
 2-Fluorobiphenyl
 Concen: 75.74 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:172 Resp: 2329164
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

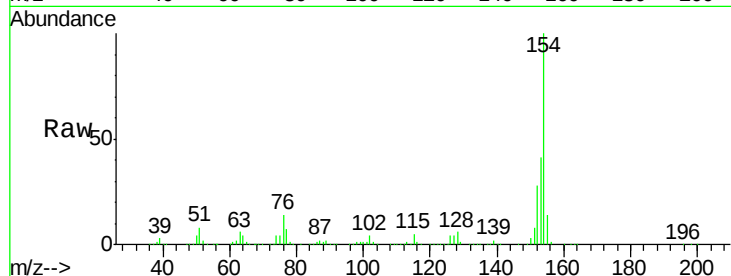




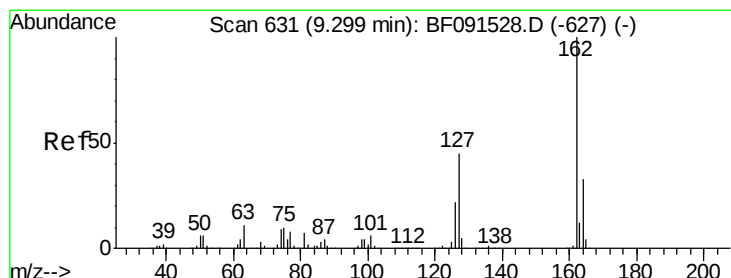
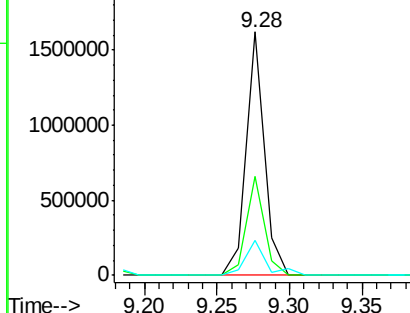
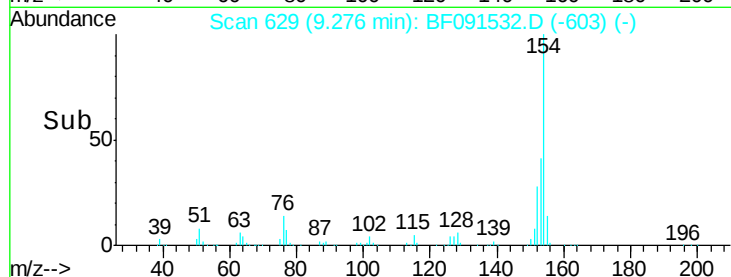
#45
 1,1'-Biphenyl
 Concen: 36.63 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1409911
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 14.4 0.0 36.6

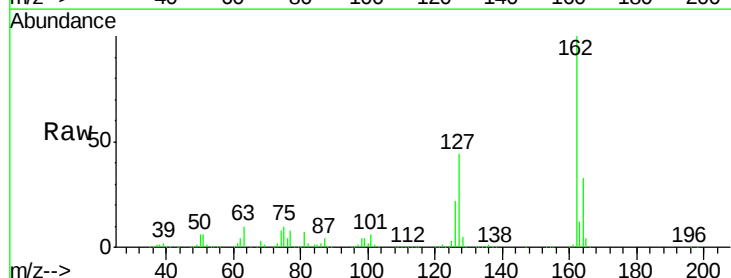


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

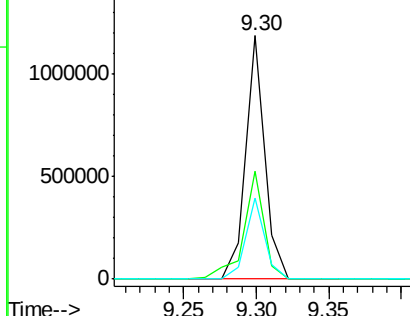
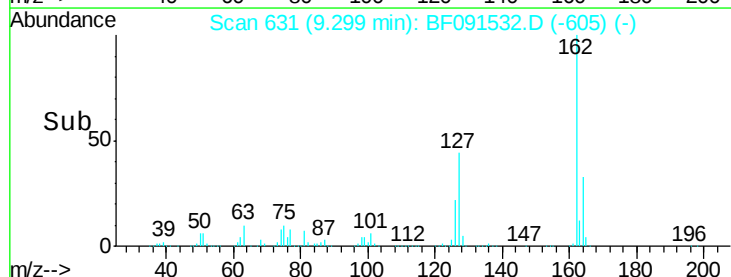


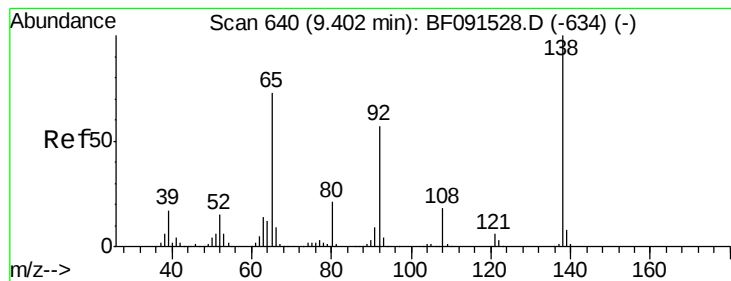
#46
 2-Chloronaphthalene
 Concen: 36.51 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:162 Resp: 1088229
 Ion Ratio Lower Upper
 162 100
 127 44.1 34.3 51.5
 164 33.2 26.6 40.0



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

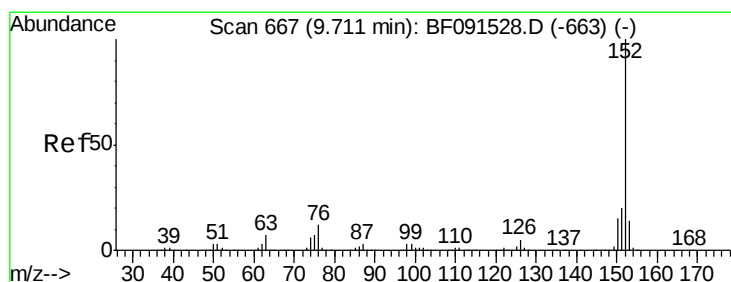
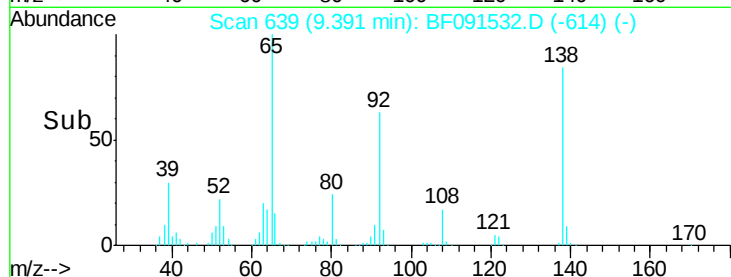
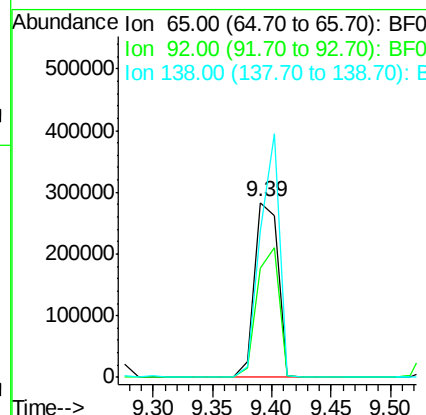
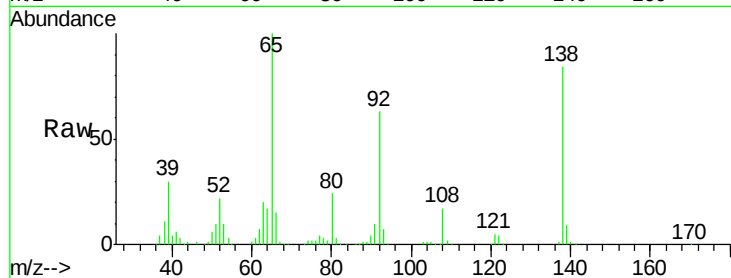




#47
 2-Nitroaniline
 Concen: 39.40 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

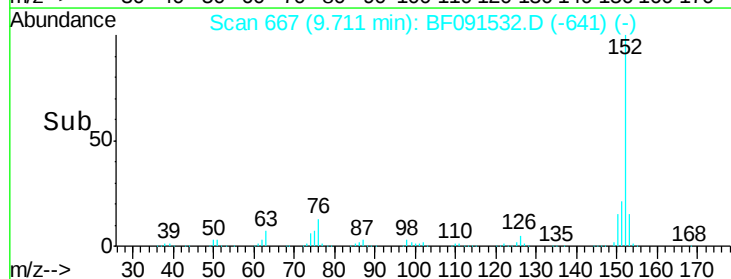
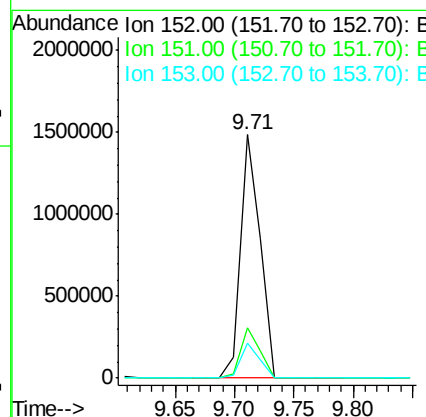
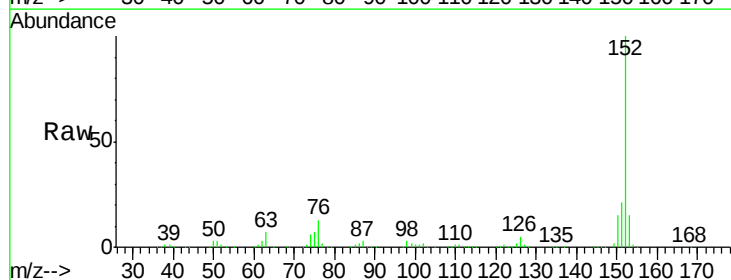
Instrument :
 BNA_F
 ClientSampleId :

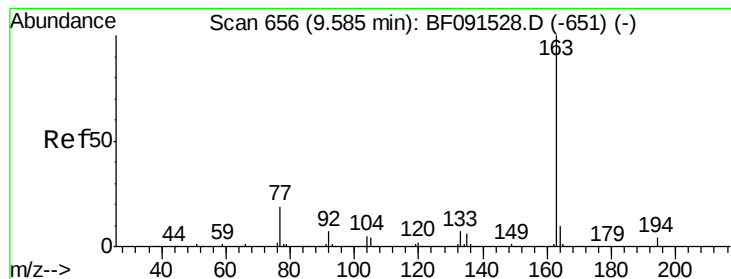
Tot Ion: 65 Resp: 394896
 Ion Ratio Lower Upper
 65 100
 92 62.9 53.6 80.4
 138 84.0 91.0 136.6#



#48
 Acenaphthylene
 Concen: 37.37 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion: 152 Resp: 1697627
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.6 24.8
 153 14.5 10.7 16.1





#49

Dimethylphthalate

Concen: 41.69 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

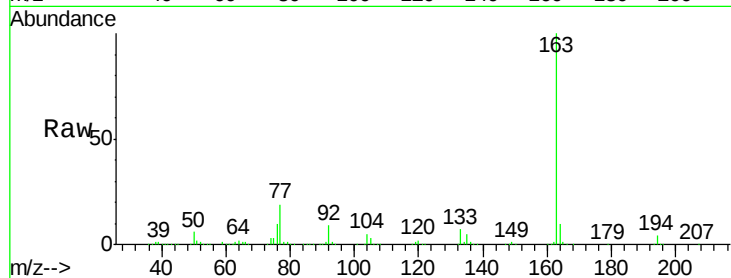
Tot Ion:163 Resp: 1402736

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

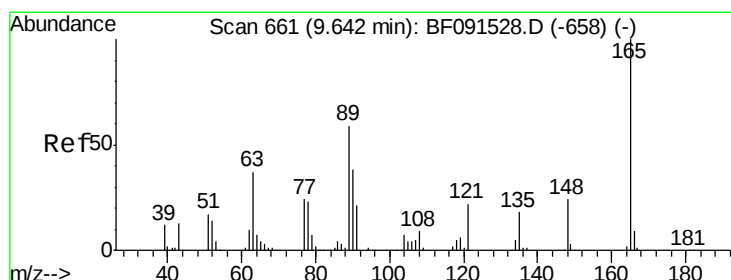
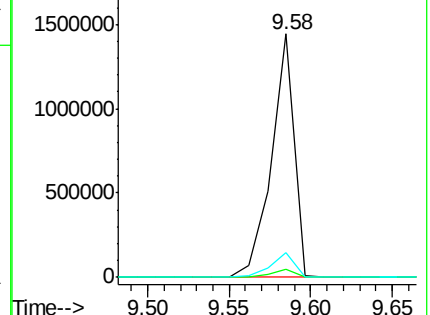
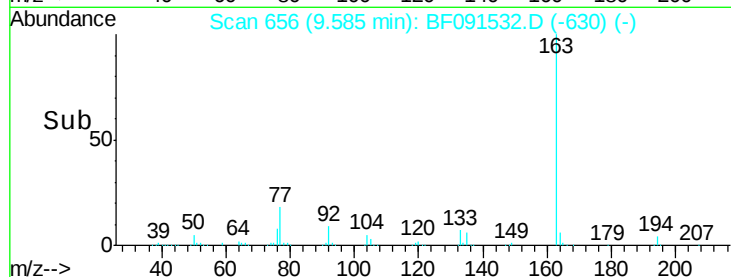
164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.24 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

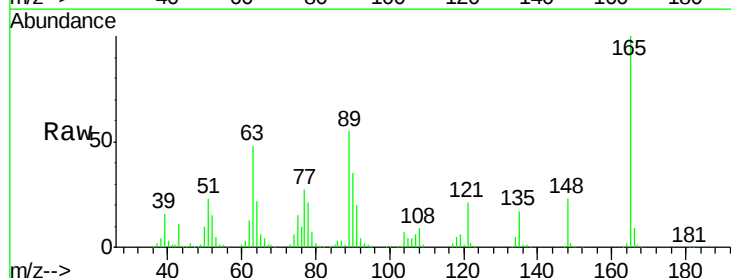
Tgt Ion:165 Resp: 319279

Ion Ratio Lower Upper

165 100

63 48.5 59.4 89.0#

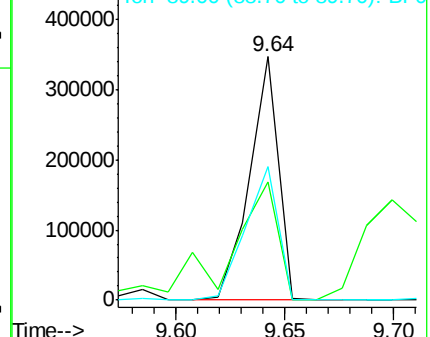
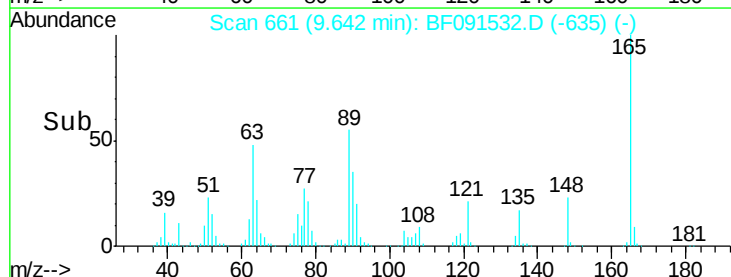
89 54.8 50.8 76.2

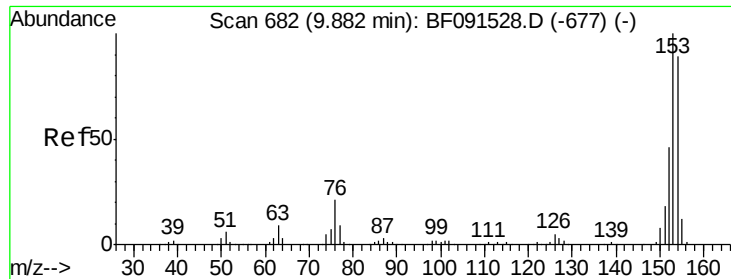


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.21 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

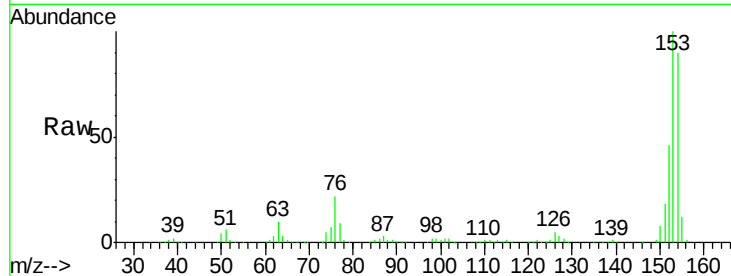
Tot Ion:154 Resp: 1174188

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

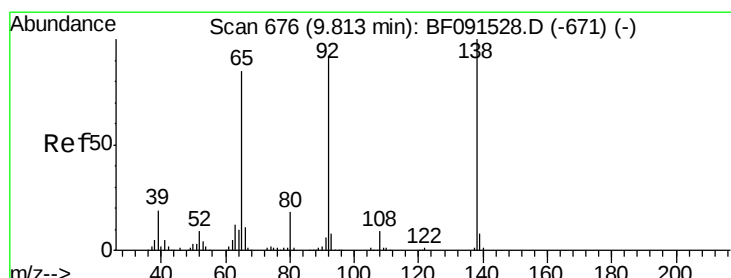
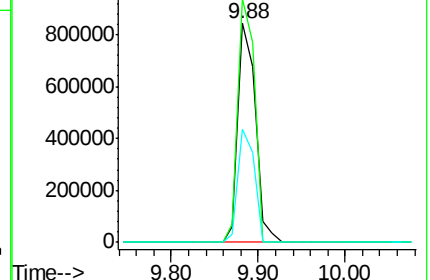
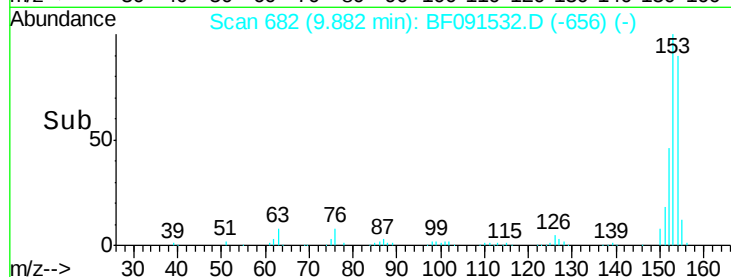
152 51.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.02 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

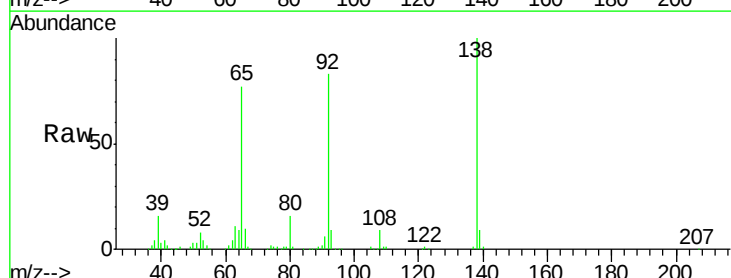
Tgt Ion:138 Resp: 347191

Ion Ratio Lower Upper

138 100

108 8.7 8.1 12.1

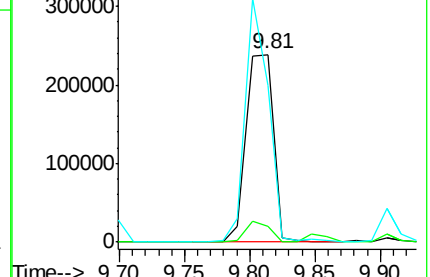
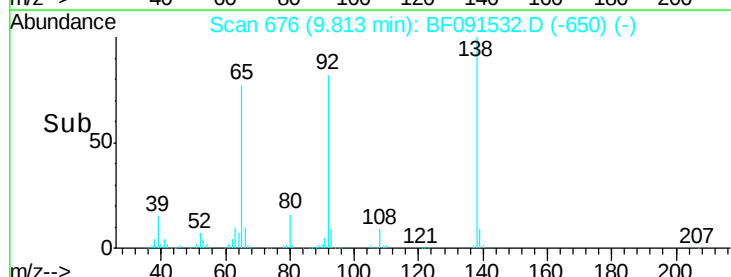
92 83.4 92.5 138.7#

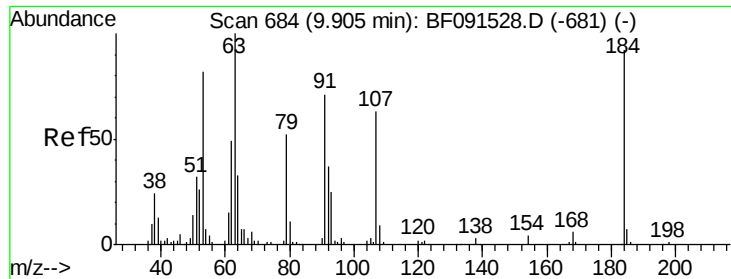


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

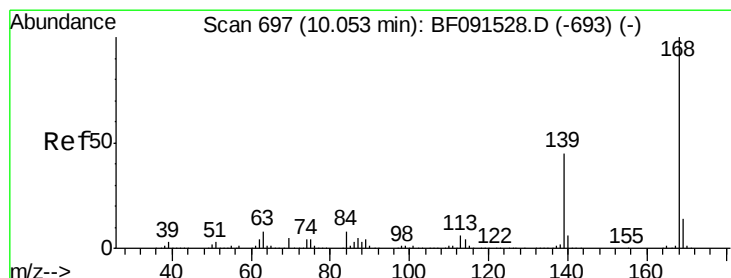
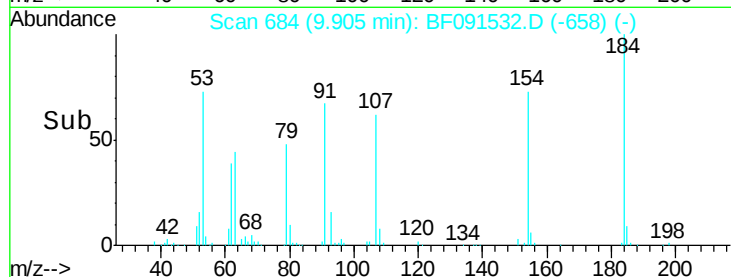
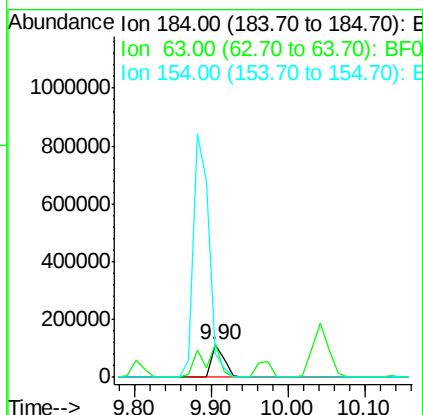
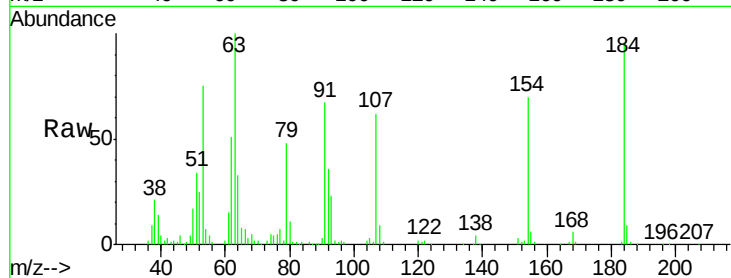




#53
2,4-Dinitrophenol
Concen: 39.45 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

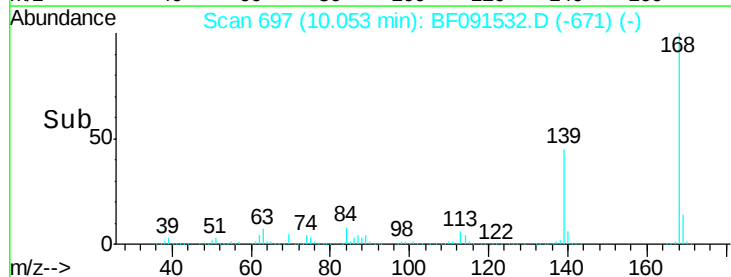
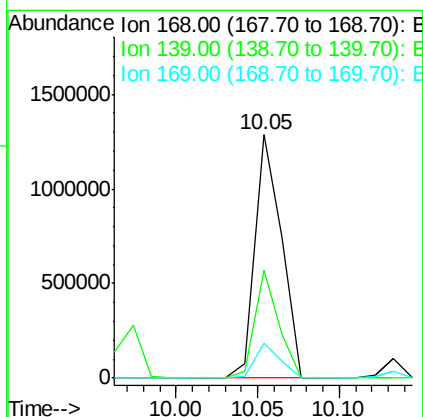
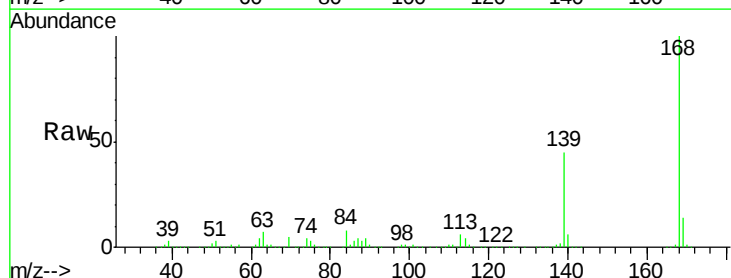
Instrument :
BNA_F
ClientSampleId :

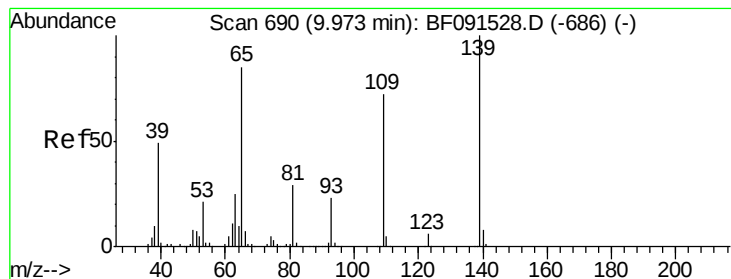
Tot Ion:184 Resp: 130646
Ion Ratio Lower Upper
184 100
63 104.6 58.3 87.5#
154 73.6 48.6 73.0#



#54
Dibenzofuran
Concen: 37.18 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:168 Resp: 1451502
Ion Ratio Lower Upper
168 100
139 44.6 33.4 50.2
169 14.3 11.1 16.7





#55

4-Nitrophenol

Concen: 45.73 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampled :

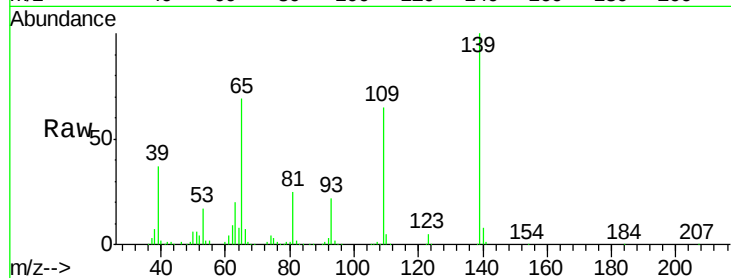
Tot Ion:139 Resp: 295148

Ion Ratio Lower Upper

139 100

109 64.5 54.9 94.9

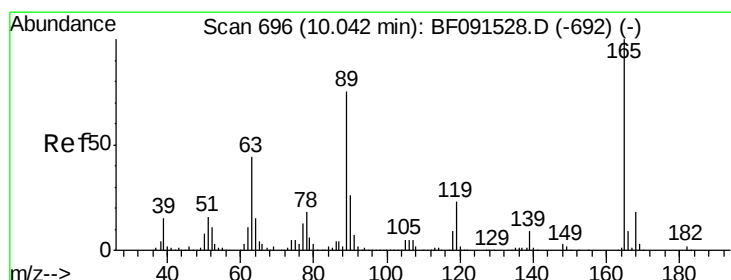
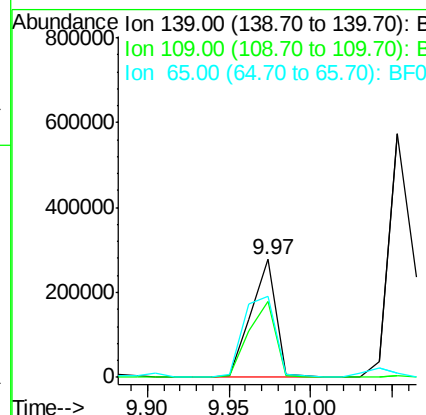
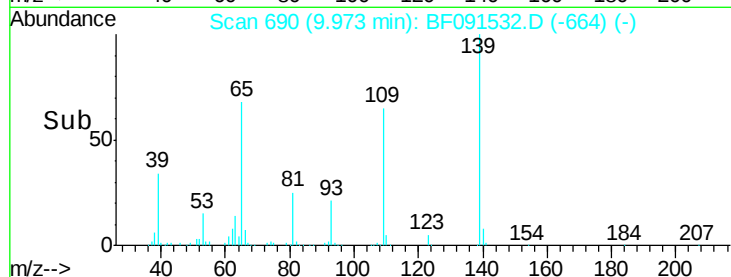
65 68.6 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.71 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:165 Resp: 432322

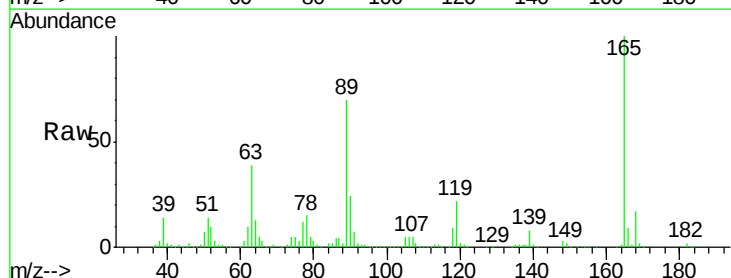
Ion Ratio Lower Upper

165 100

63 39.4 29.0 43.4

89 70.1 43.1 64.7#

182 2.1 1.9 2.9

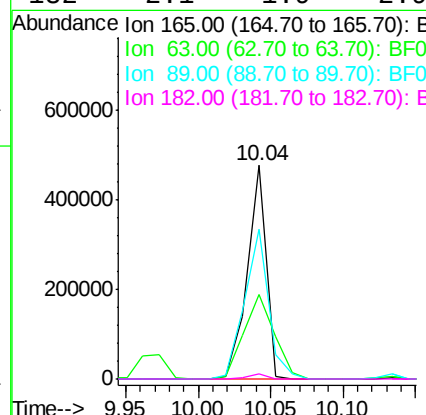
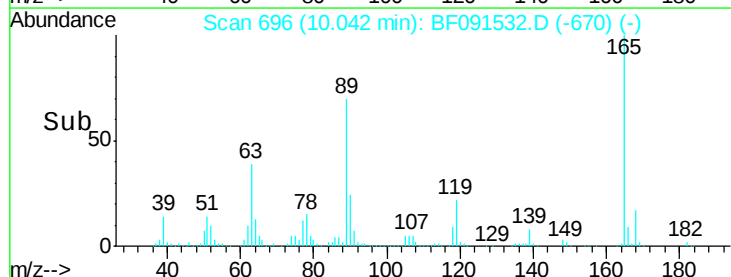


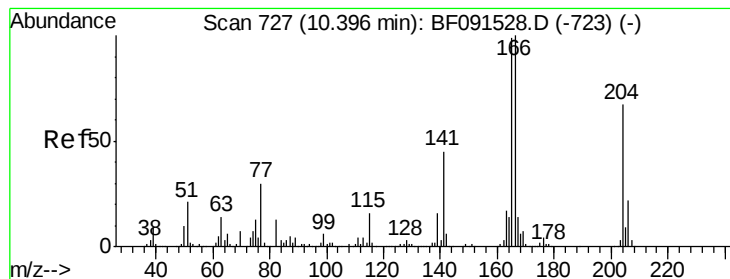
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.35 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampled :

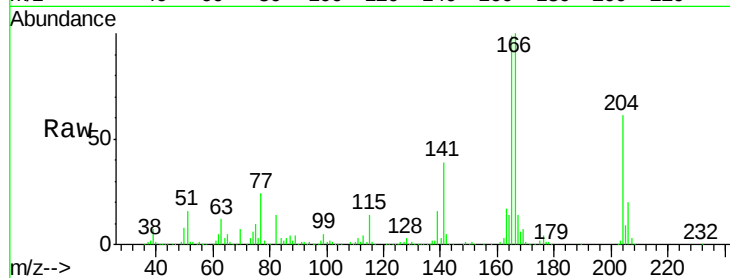
Tot Ion:166 Resp: 1058024

Ion Ratio Lower Upper

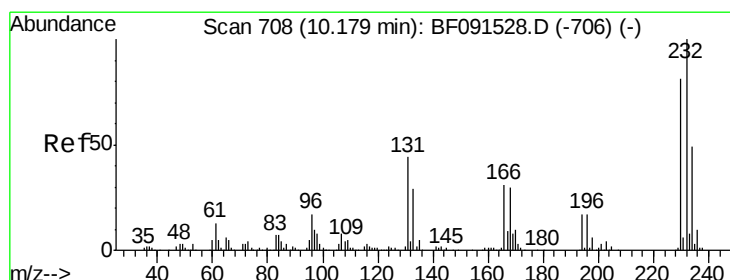
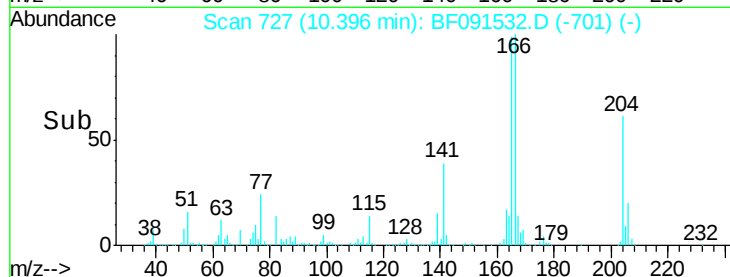
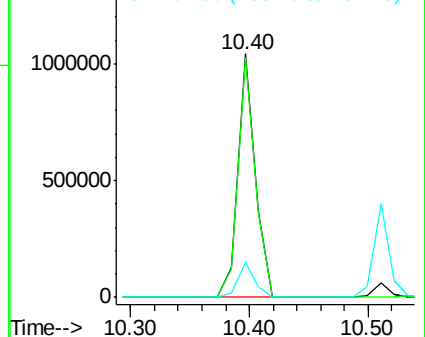
166 100

165 98.7 80.0 120.0

167 14.3 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: 42.84 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion:232 Resp: 322734

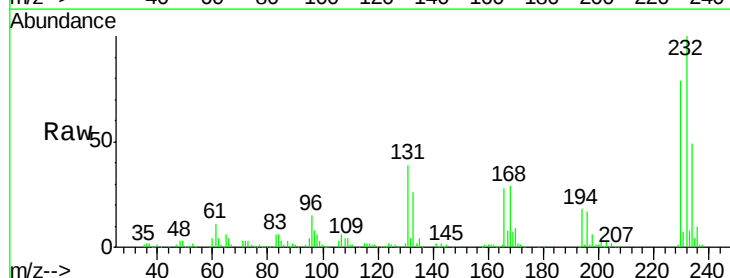
Ion Ratio Lower Upper

232 100

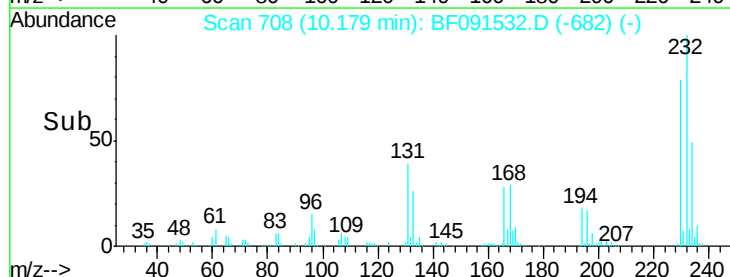
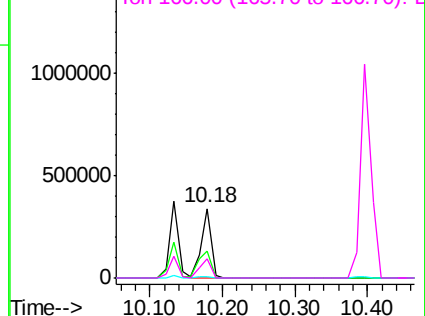
131 49.2 38.4 57.6

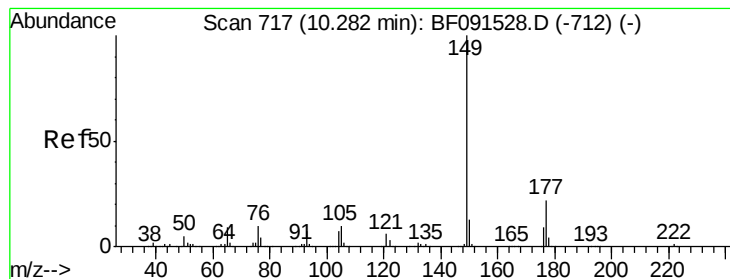
130 2.4 1.8 2.8

166 32.0 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.14 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

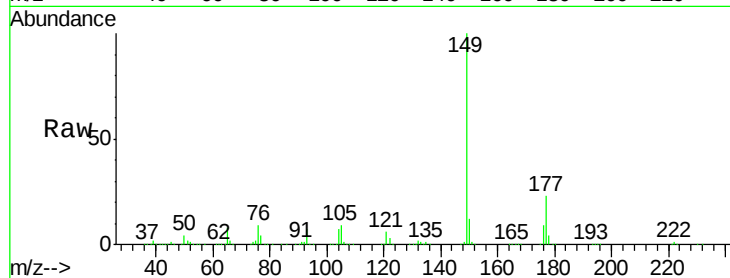
Tot Ion:149 Resp: 1365218

Ion Ratio Lower Upper

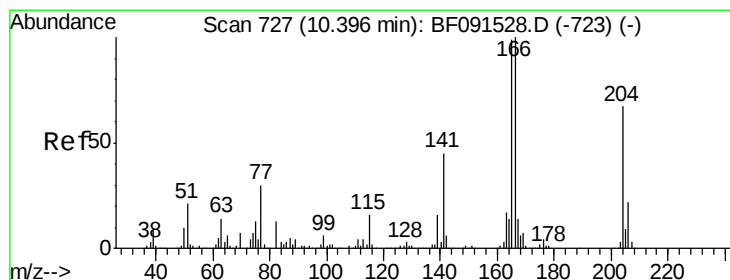
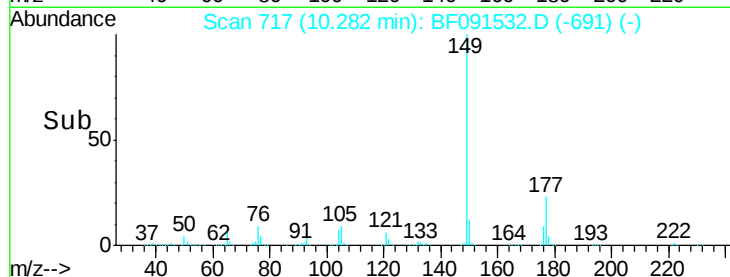
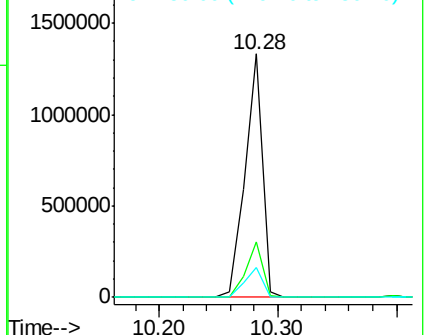
149 100

177 22.9 15.7 23.5

150 12.5 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 41.03 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

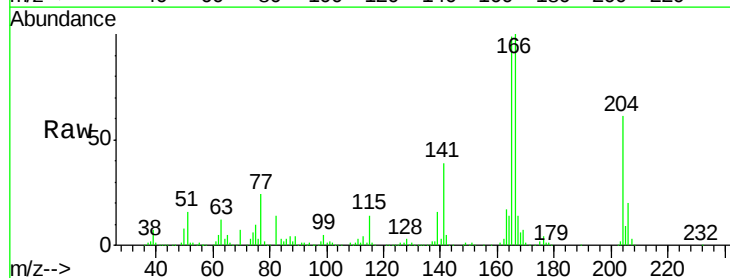
Tgt Ion:204 Resp: 549517

Ion Ratio Lower Upper

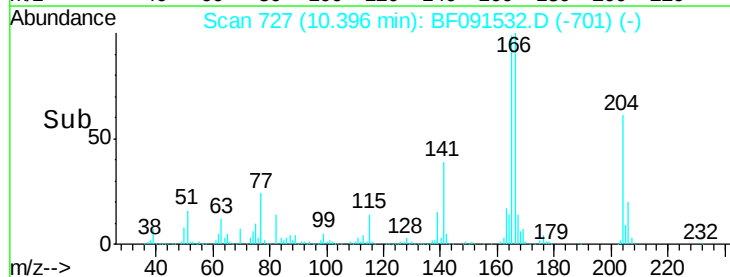
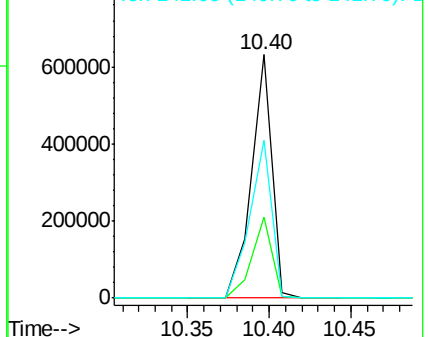
204 100

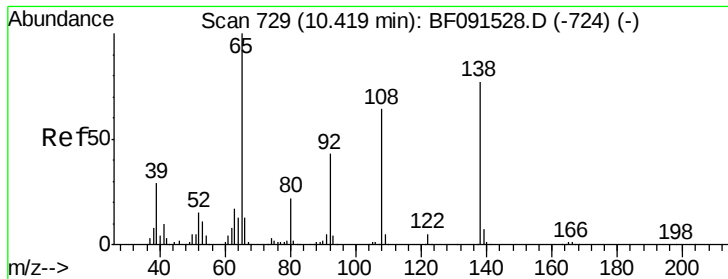
206 33.3 26.1 39.1

141 64.7 40.6 61.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

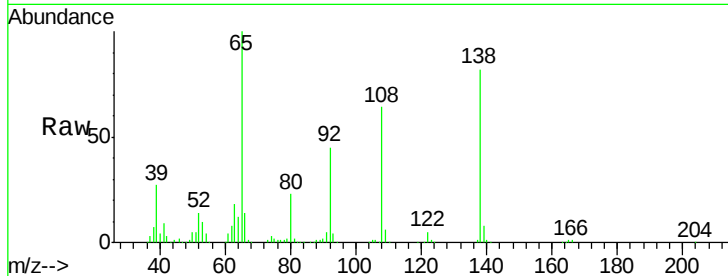
Tot Ion:138 Resp: 336107

Ion Ratio Lower Upper

138 100

92 55.1 26.9 66.9

108 78.4 49.1 89.1

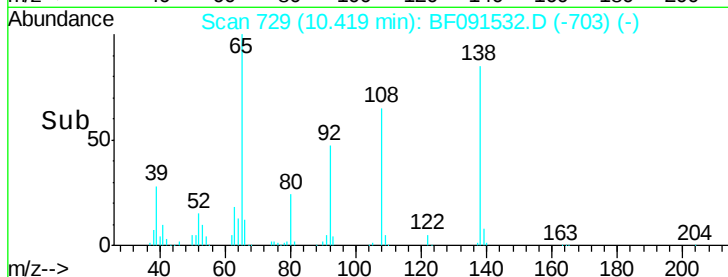


Abundance Ion 138.00 (137.70 to 138.70): E

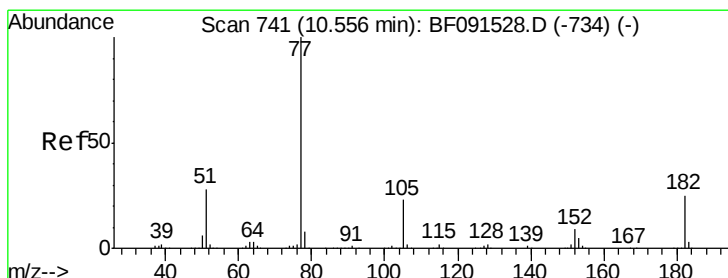
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time--> 10.30 10.40 10.50



Time--> 10.30 10.40 10.50



#62

Azobenzene

Concen: 41.34 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Tgt Ion: 77 Resp: 1517757

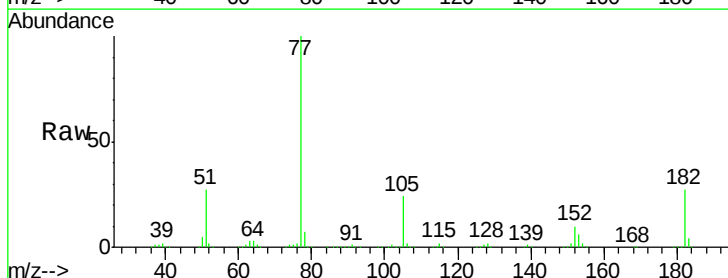
Ion Ratio Lower Upper

77 100

182 27.4 12.5 52.5

105 24.3 3.7 43.7

51 26.6 11.9 51.9



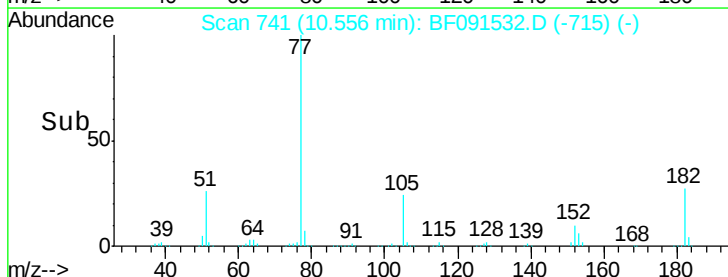
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

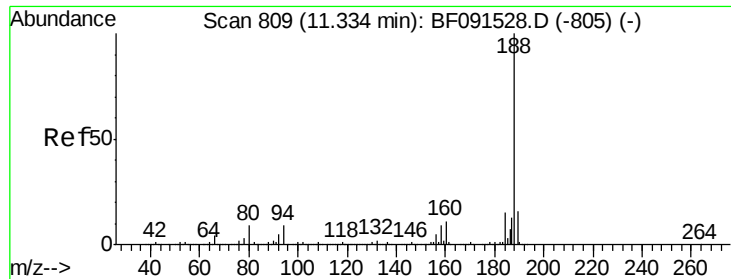
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time--> 10.50 10.60



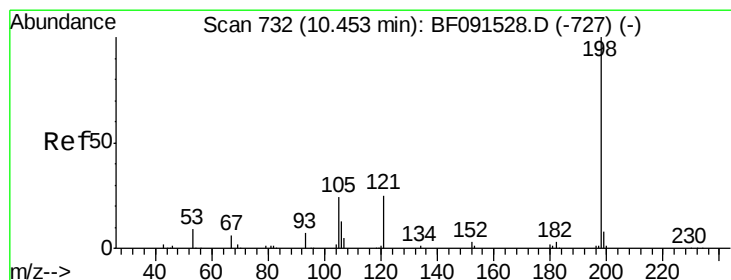
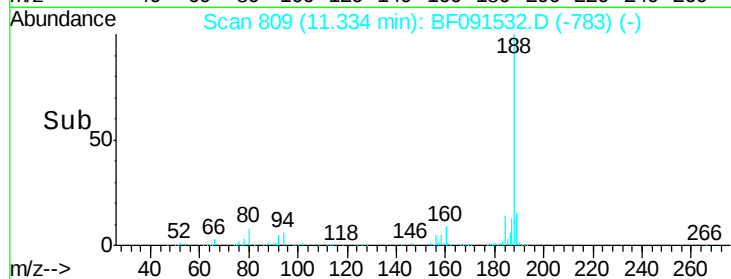
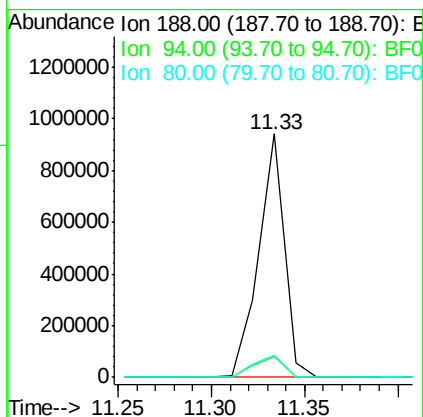
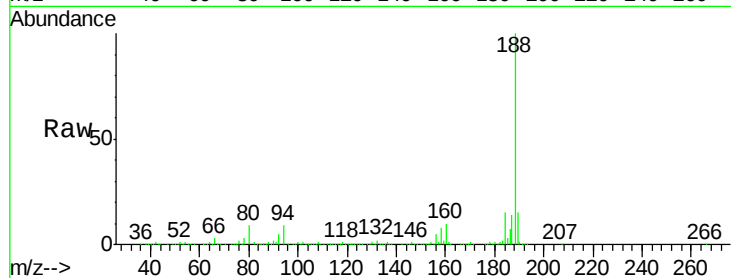
Time--> 10.50 10.60



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

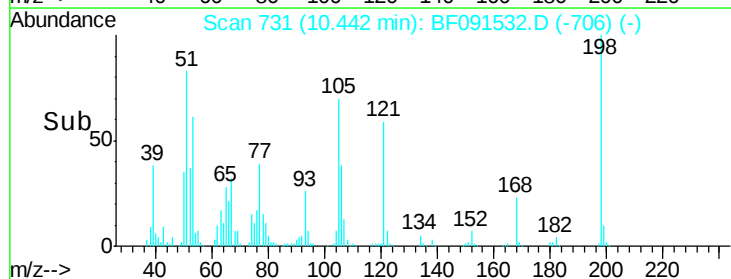
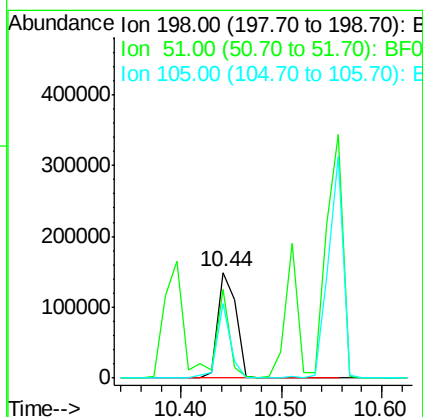
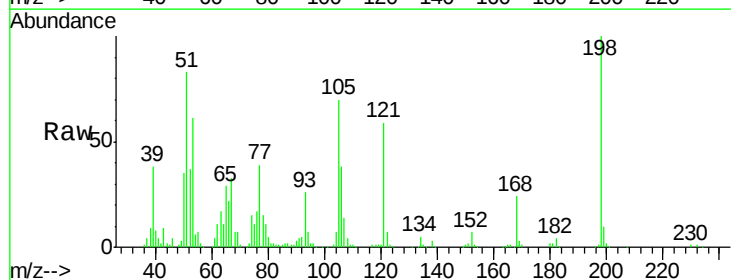
Instrument :
BNA_F
ClientSampleId :

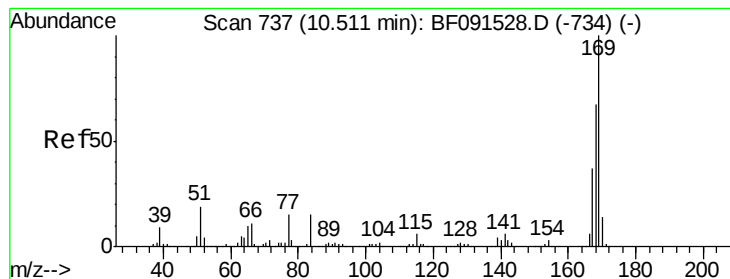
Tot Ion:188 Resp: 894997
Ion Ratio Lower Upper
188 100
94 8.8 9.2 13.8#
80 8.9 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.25 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:198 Resp: 187059
Ion Ratio Lower Upper
198 100
51 83.4 77.1 117.1
105 70.3 44.8 84.8

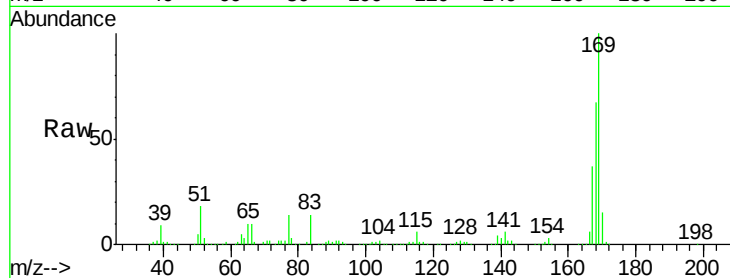




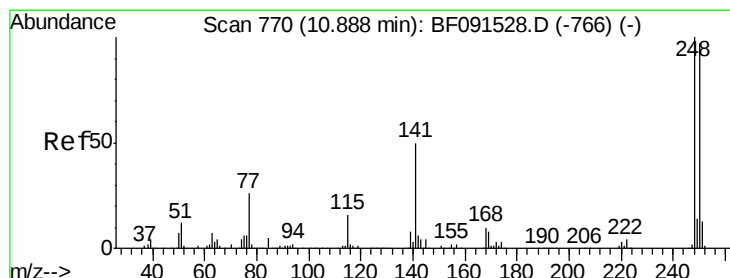
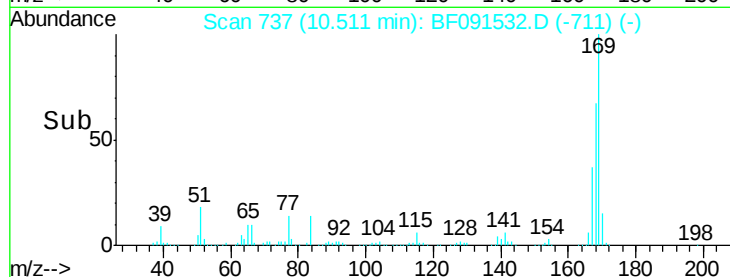
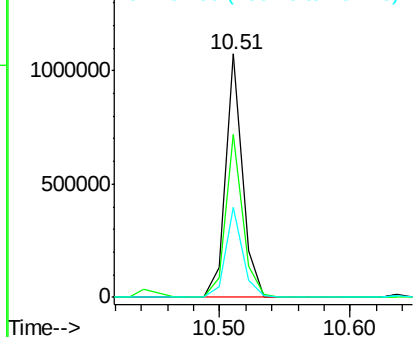
#65
 n-Nitrosodiphenylamine
 Concen: 36.40 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 971134
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.8
 167 37.2 29.8 44.8

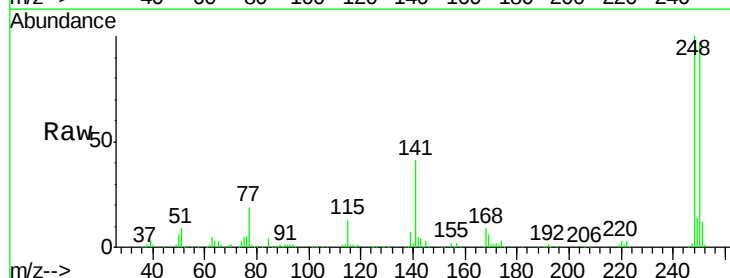


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

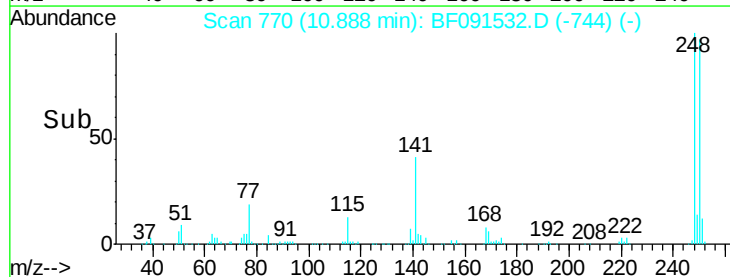
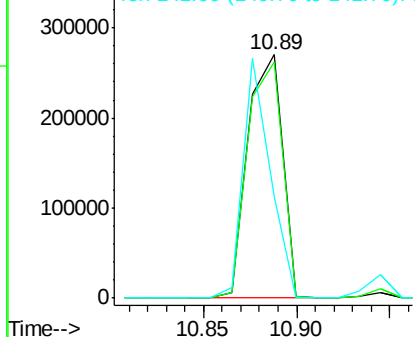


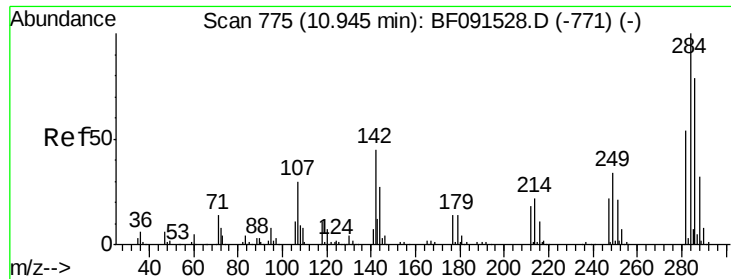
#66
 4-Bromophenyl-phenylether
 Concen: 37.77 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:248 Resp: 346593
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.2 117.4
 141 41.5 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

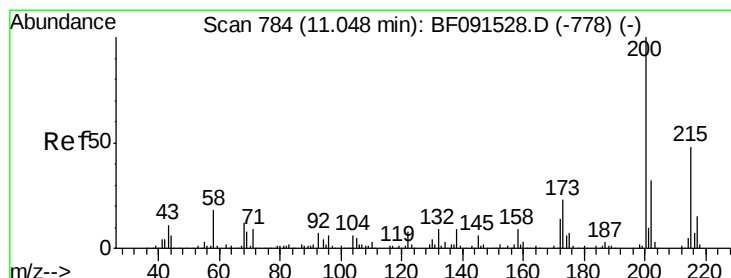
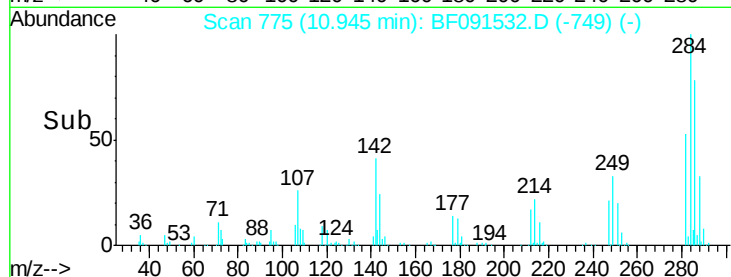
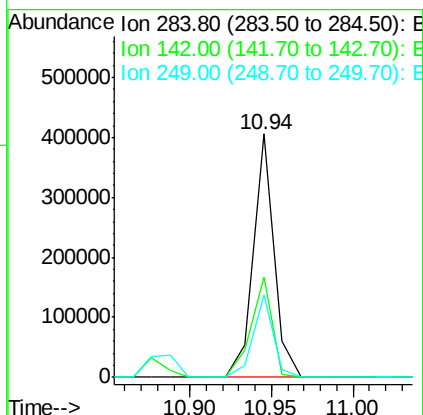
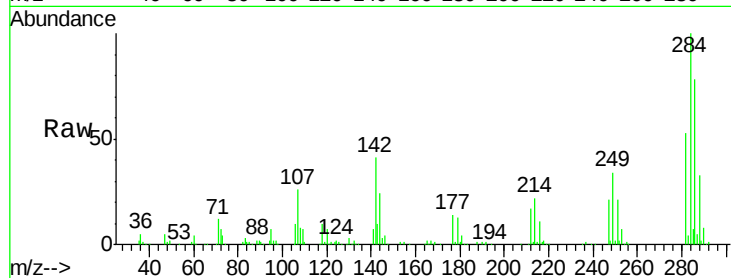




#67
Hexachlorobenzene
Concen: 37.46 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

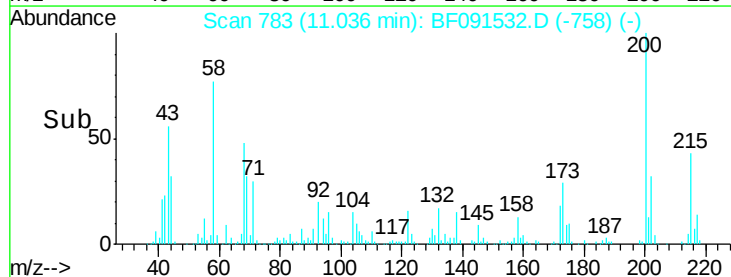
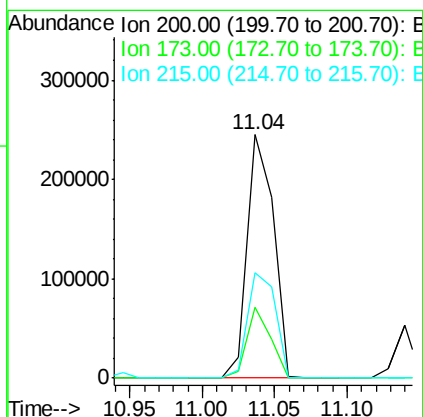
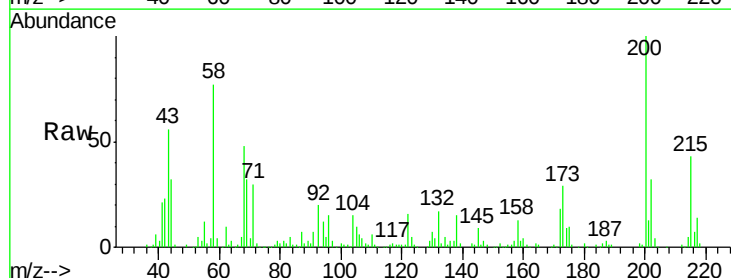
Instrument :
BNA_F
ClientSampleId :

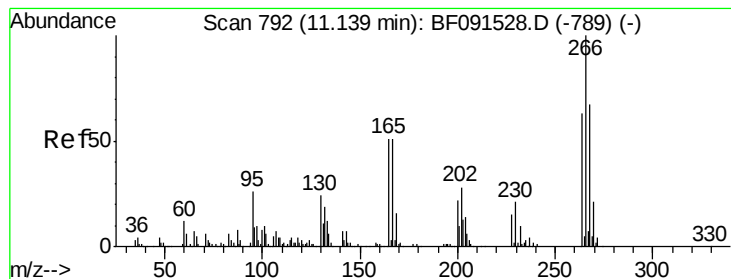
Tot Ion:284 Resp: 357439
Ion Ratio Lower Upper
284 100
142 41.4 17.9 26.9#
249 33.7 23.6 35.4



#68
Atrazine
Concen: 35.94 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:200 Resp: 308330
Ion Ratio Lower Upper
200 100
173 28.9 7.8 47.8
215 43.3 24.3 64.3





#69

Pentachlorophenol

Concen: 40.94 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :
BNA_F
ClientSampleId :

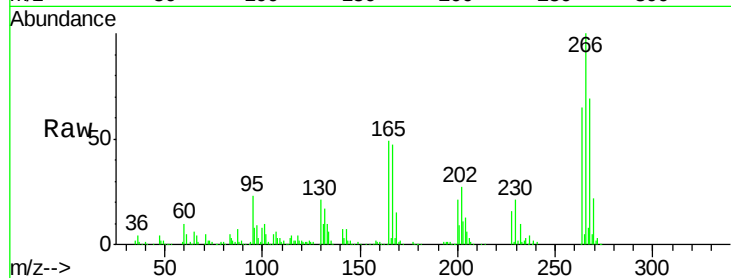
Tot Ion:266 Resp: 219816

Ion Ratio Lower Upper

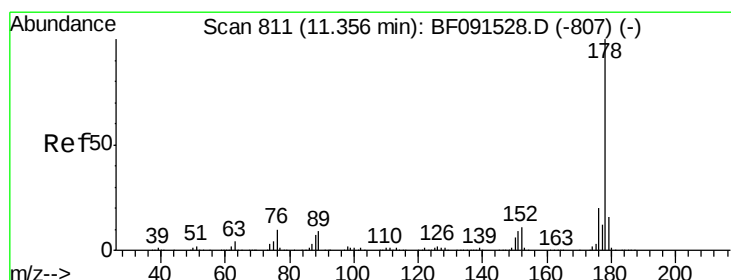
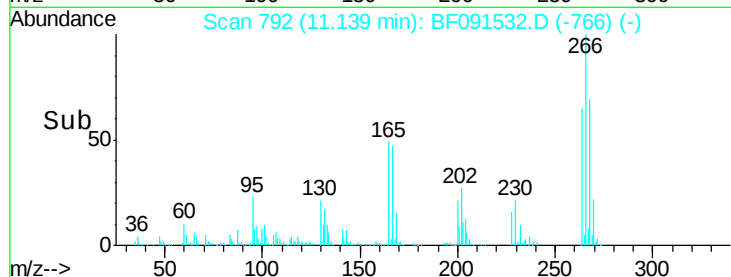
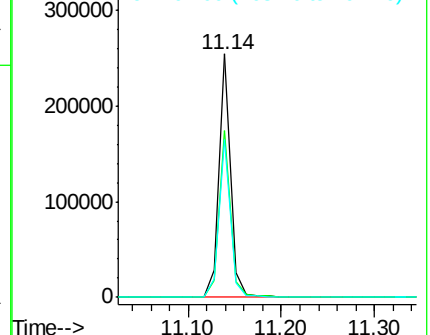
266 100

268 68.6 50.3 75.5

264 64.6 48.2 72.2



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



#70

Phenanthrene

Concen: 37.76 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

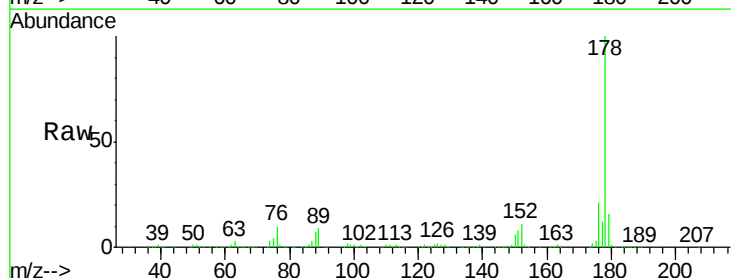
Tgt Ion:178 Resp: 1673625

Ion Ratio Lower Upper

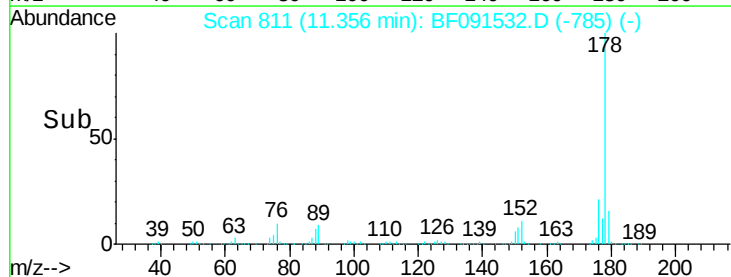
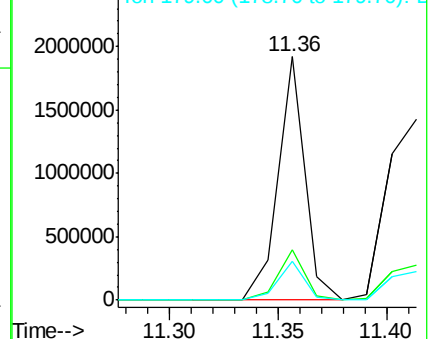
178 100

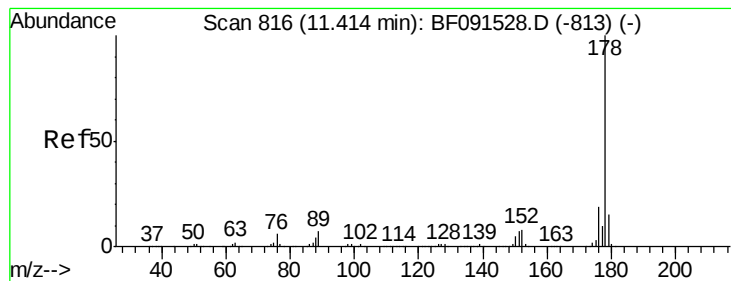
176 20.6 15.9 23.9

179 16.1 12.6 18.8



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





#71

Anthracene

Concen: 38.17 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampled :

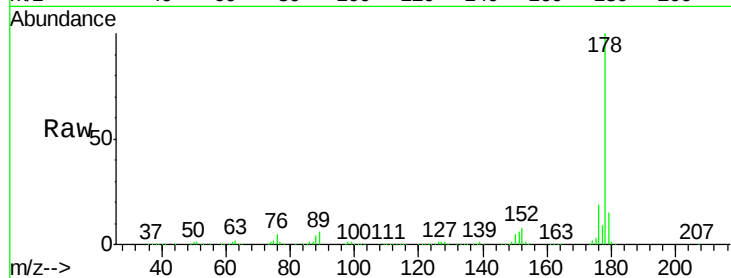
Tot Ion:178 Resp: 1824550

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

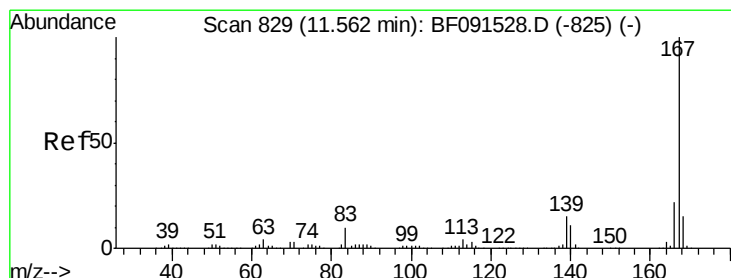
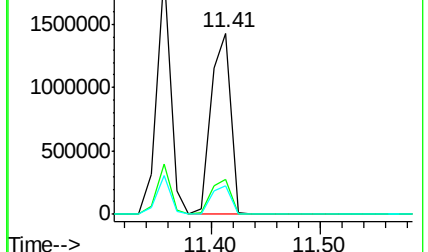
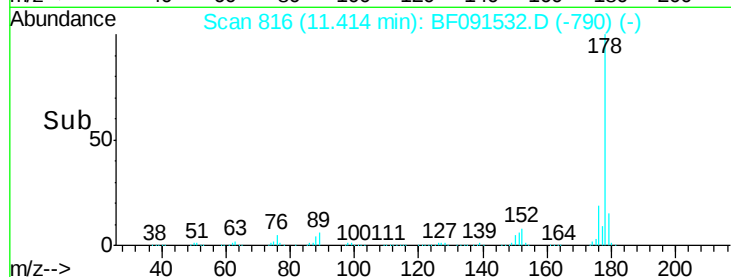
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.97 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

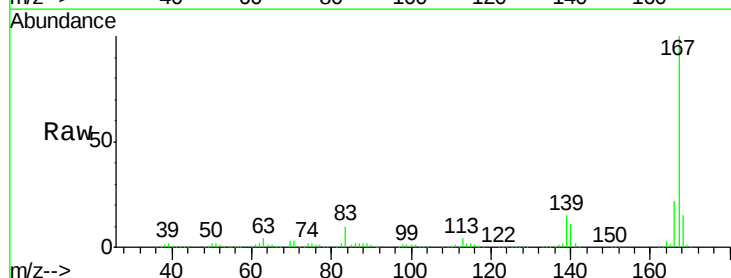
Tgt Ion:167 Resp: 1507347

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

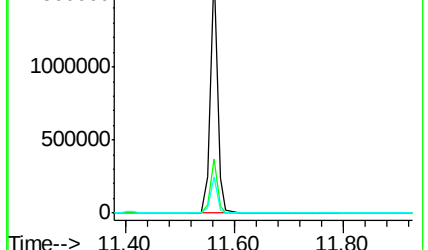
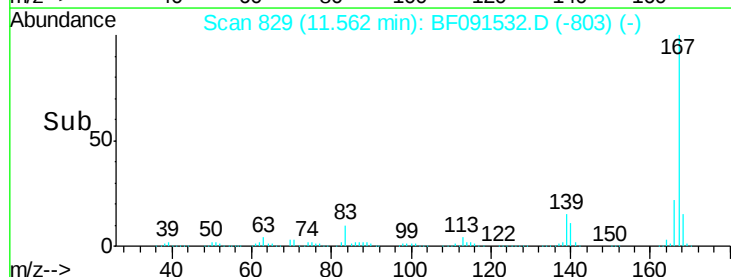
139 14.7 11.5 17.3

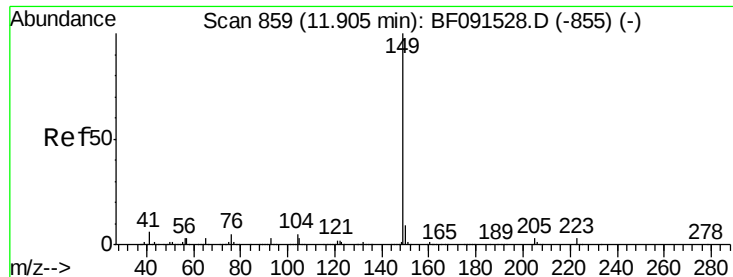


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.89 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampled :

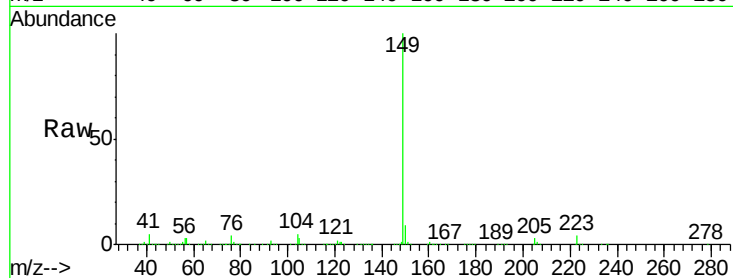
Tot Ion:149 Resp: 1996325

Ion Ratio Lower Upper

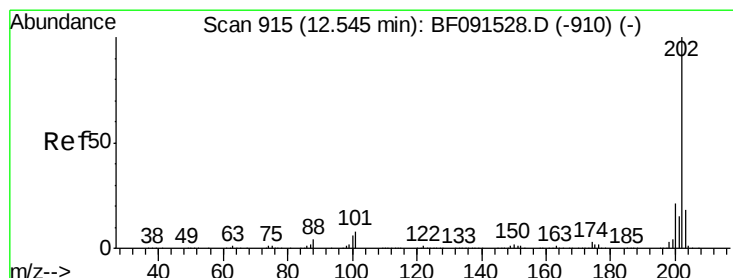
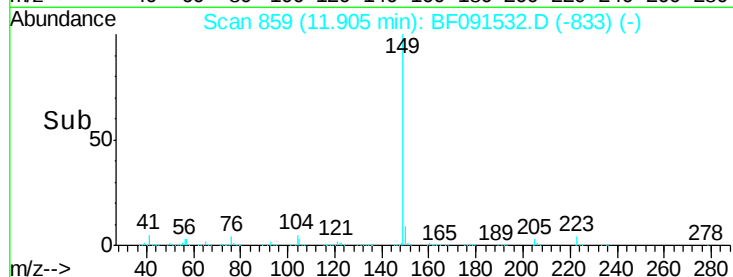
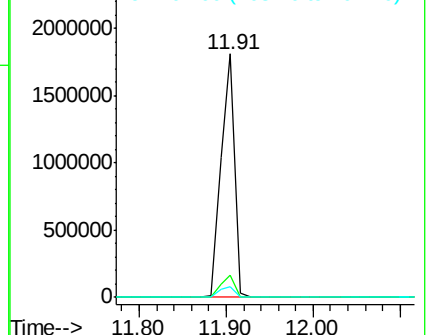
149 100

150 9.1 7.5 11.3

104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.77 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

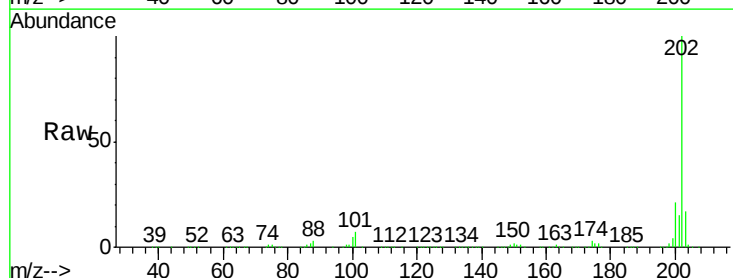
Tgt Ion:202 Resp: 1799359

Ion Ratio Lower Upper

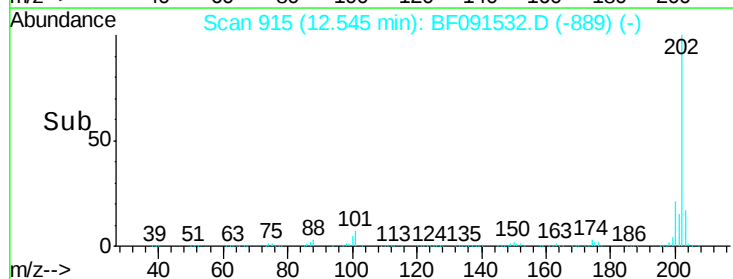
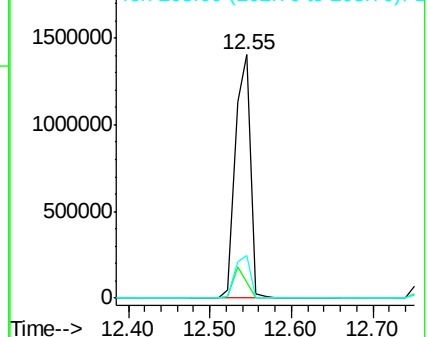
202 100

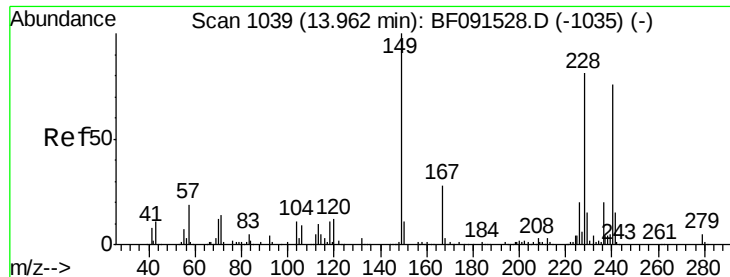
101 6.7 0.0 29.5

203 17.3 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

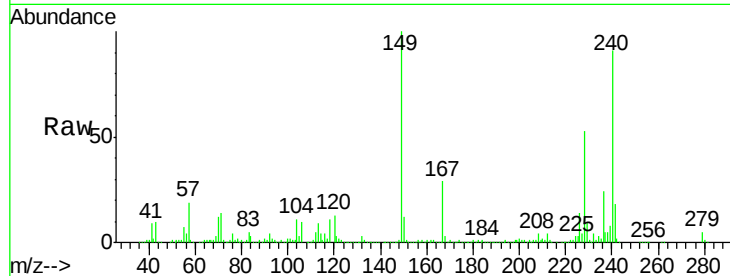
Tot Ion:240 Resp: 576094

Ion Ratio Lower Upper

240 100

120 14.1 12.1 18.1

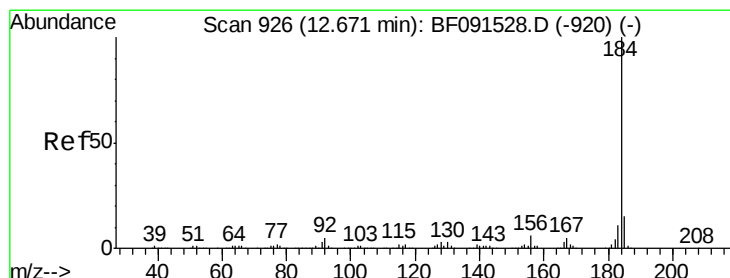
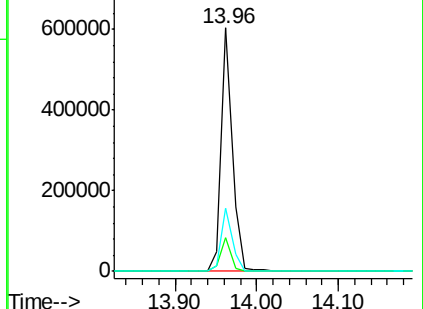
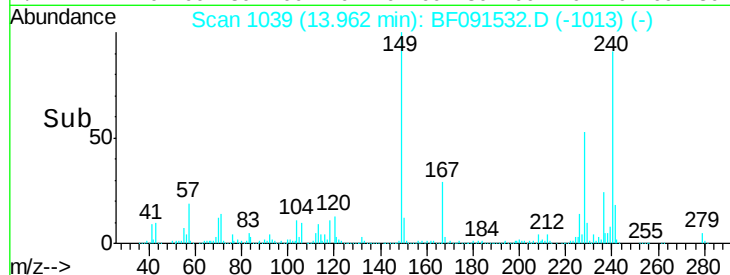
236 26.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.29 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

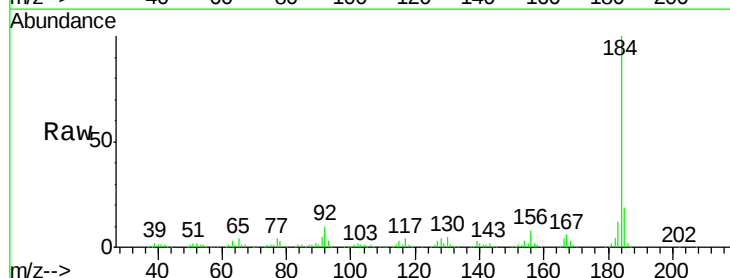
Tgt Ion:184 Resp: 646452

Ion Ratio Lower Upper

184 100

185 19.2 13.1 19.7

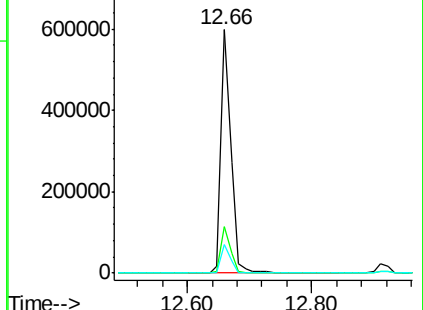
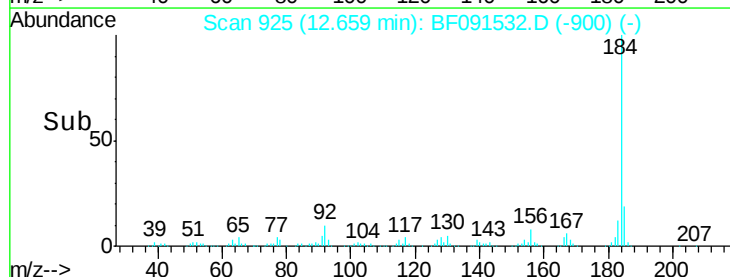
183 11.9 8.9 13.3

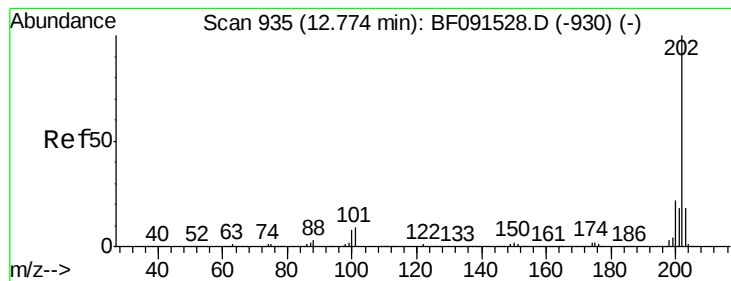


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.96 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

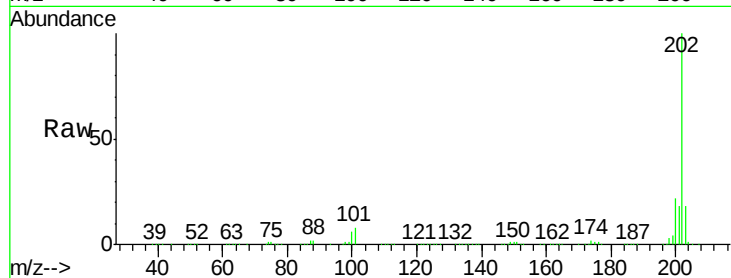
Tot Ion:202 Resp: 1826329

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

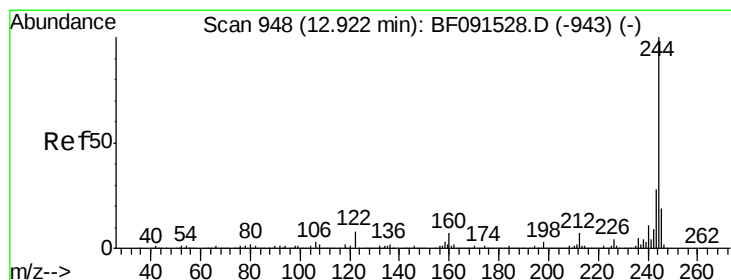
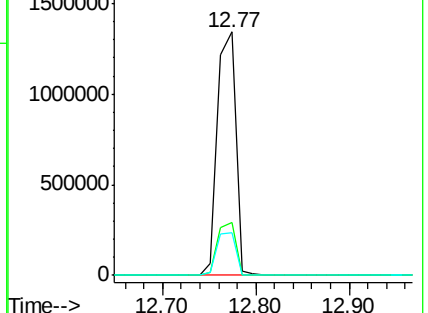
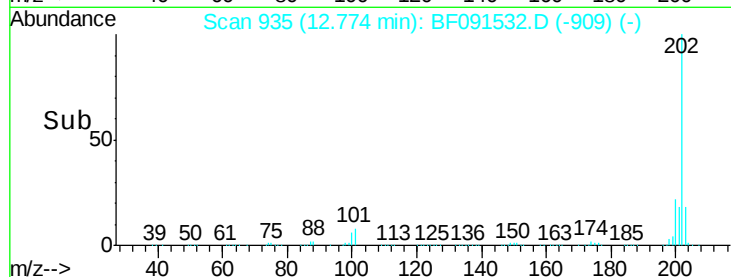
203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.86 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

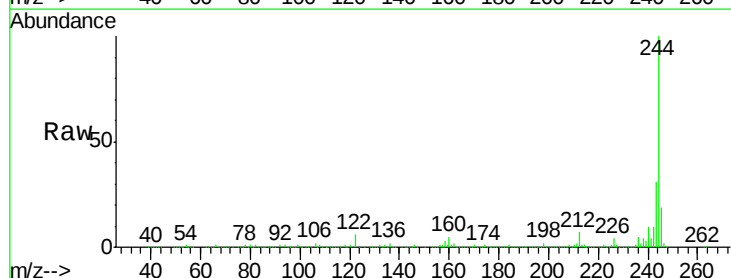
Tgt Ion:244 Resp: 2027460

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

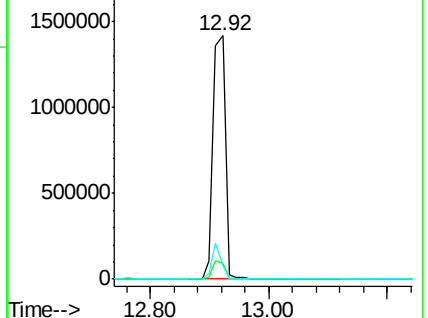
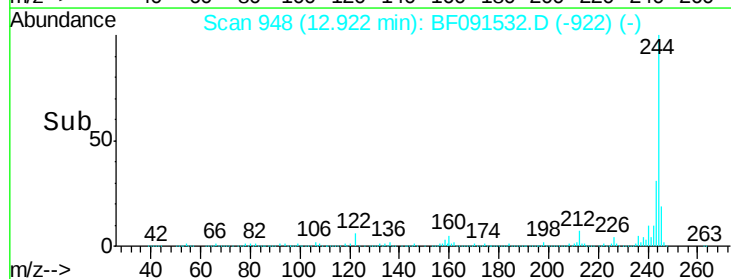
122 5.6 9.5 14.3#

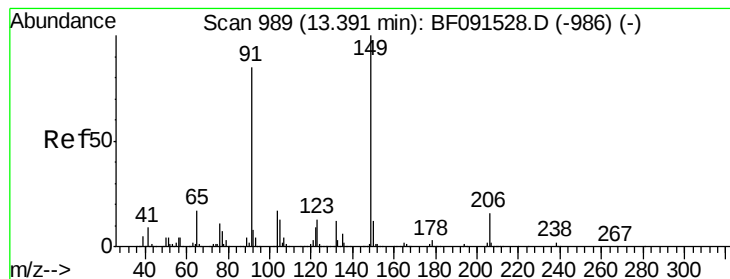


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.63 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

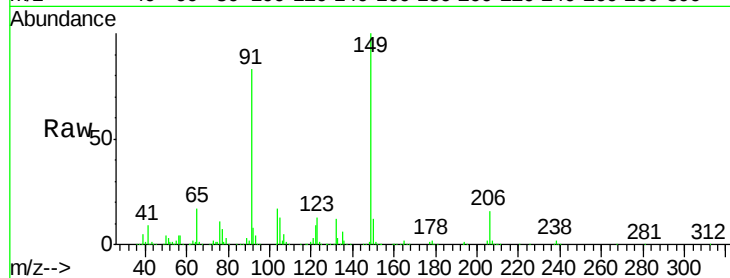
Tot Ion:149 Resp: 706077

Ion Ratio Lower Upper

149 100

91 82.7 57.4 86.2

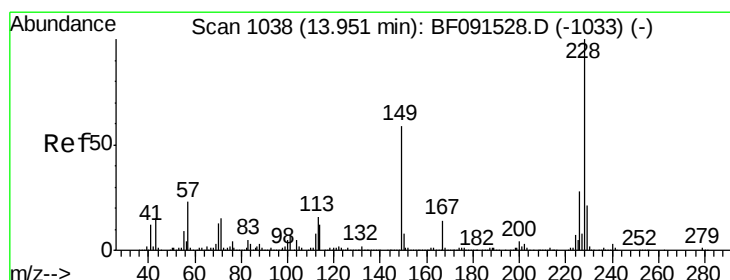
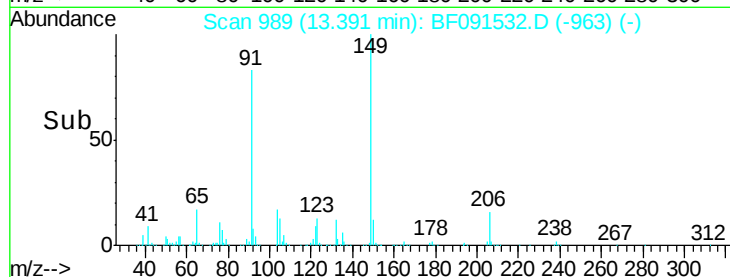
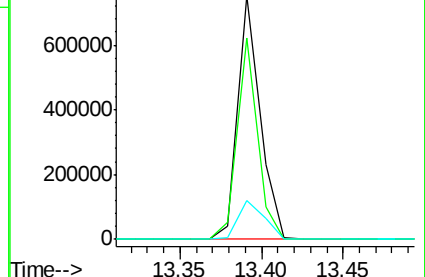
206 15.8 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.01 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

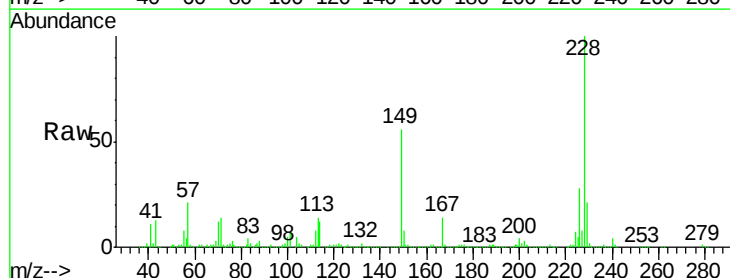
Tgt Ion:228 Resp: 1271705

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

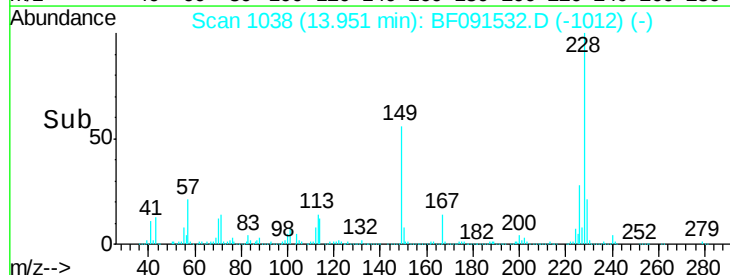
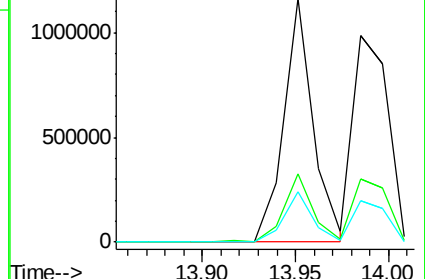
229 20.5 16.4 24.6

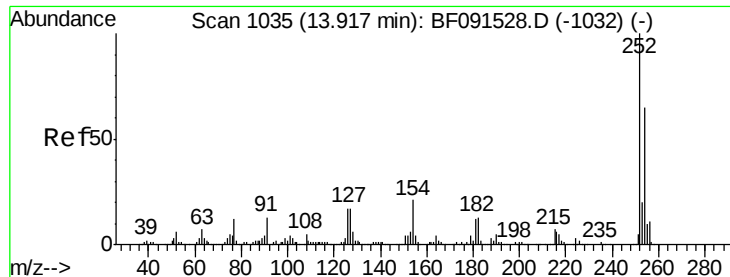


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

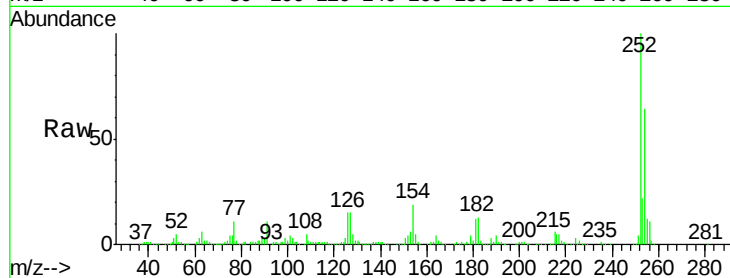




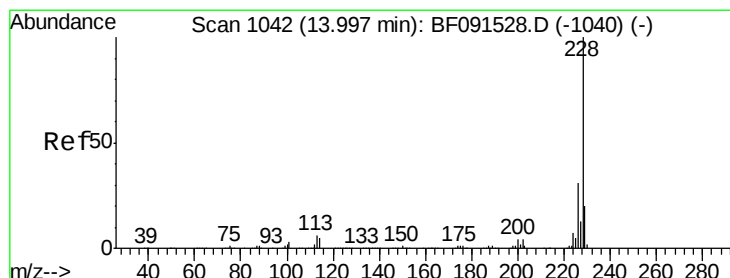
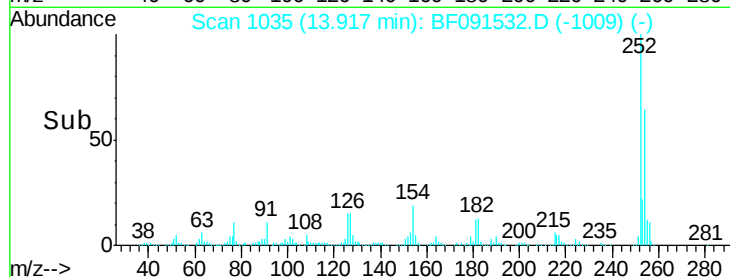
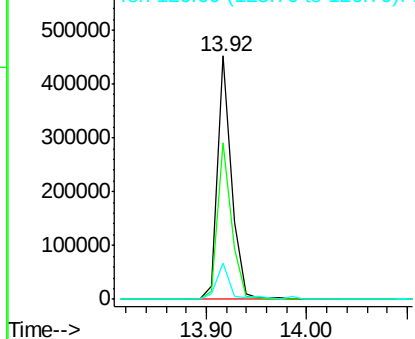
#81
 3,3'-Dichlorobenzidine
 Concen: 36.69 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 440771
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 15.1 7.5 11.3#

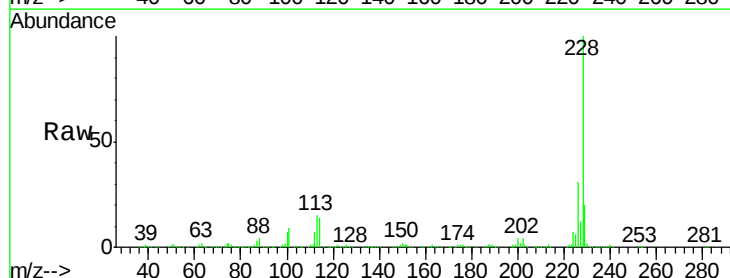


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

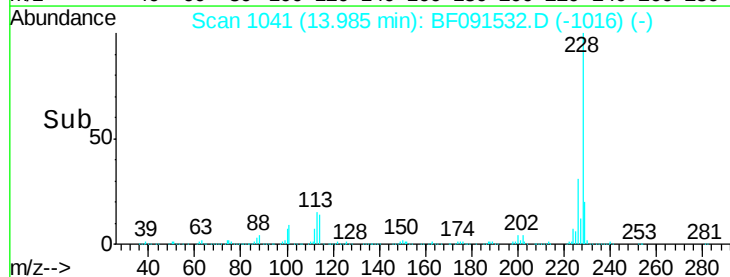
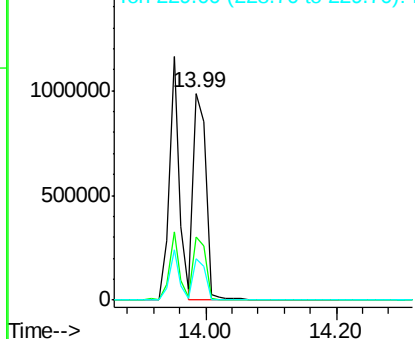


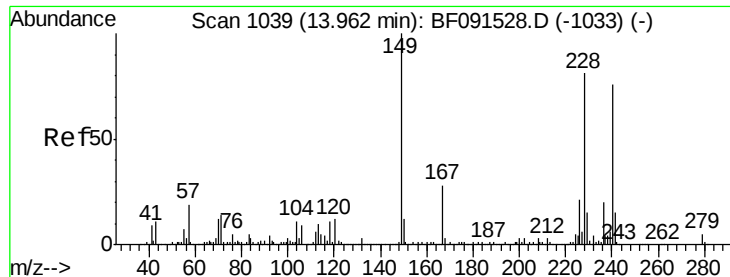
#82
 Chrysene
 Concen: 37.60 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:228 Resp: 1315975
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

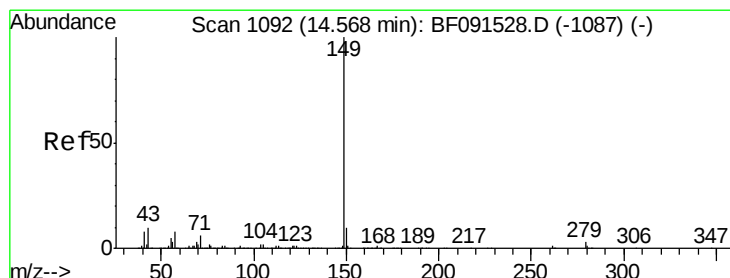
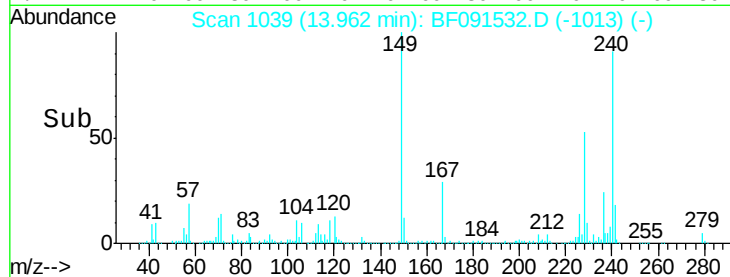
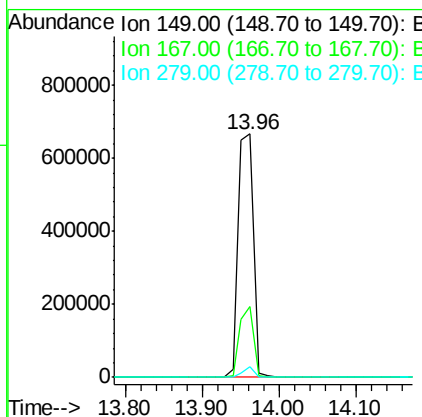
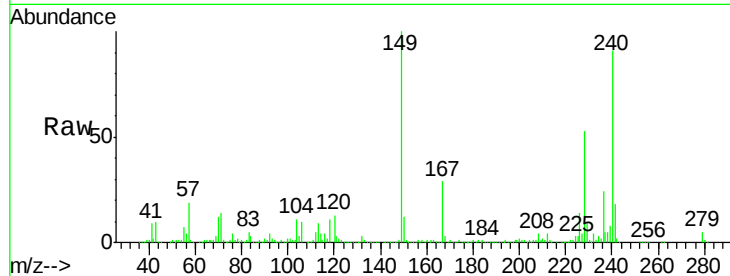




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.84 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

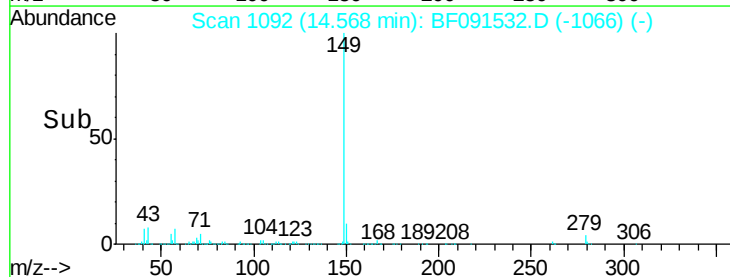
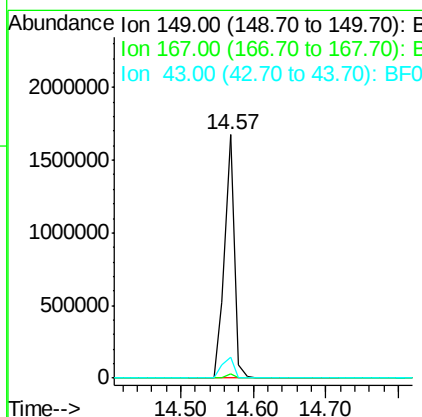
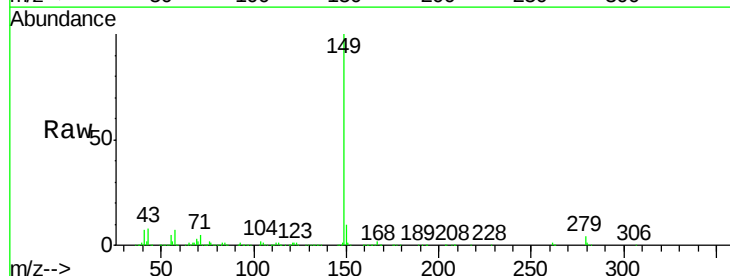
Instrument :
 BNA_F
 ClientSampleId :

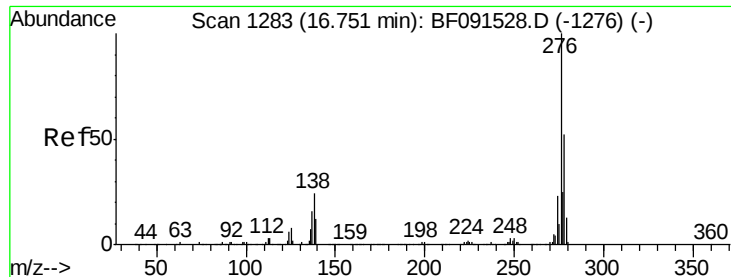
Tot Ion:149 Resp: 933431
 Ion Ratio Lower Upper
 149 100
 167 28.8 19.6 29.4
 279 4.6 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 40.98 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:149 Resp: 1590045
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 11.9 17.9#



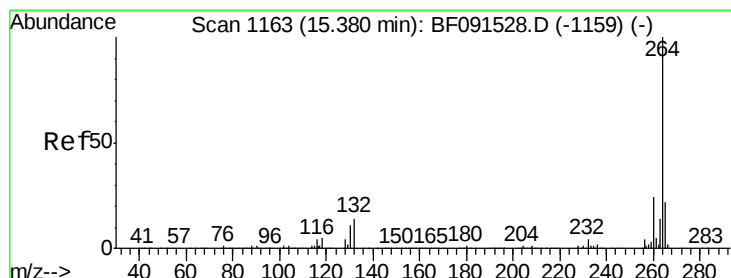
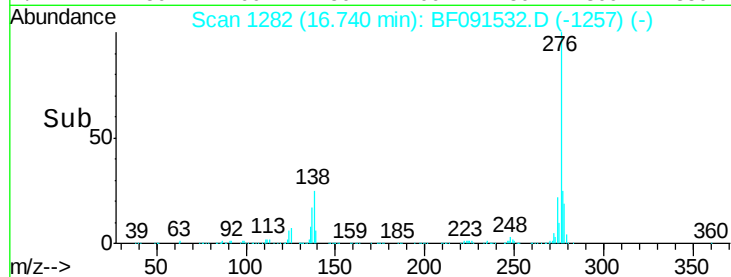
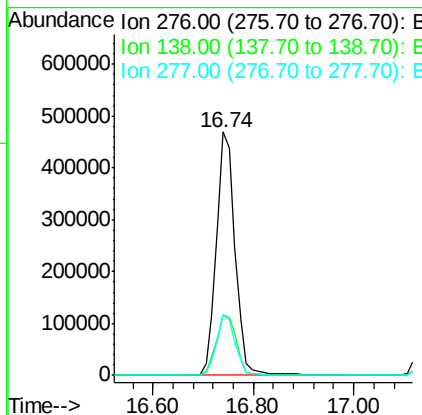
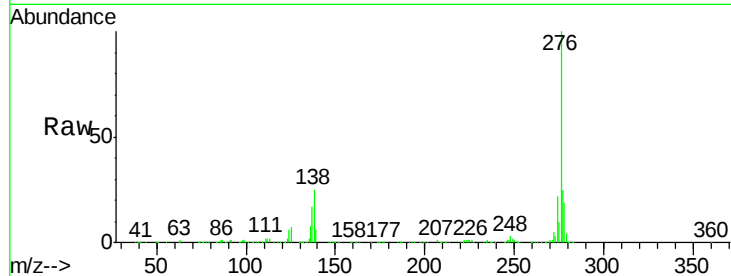


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.69 ng
 RT: 16.74 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1218554

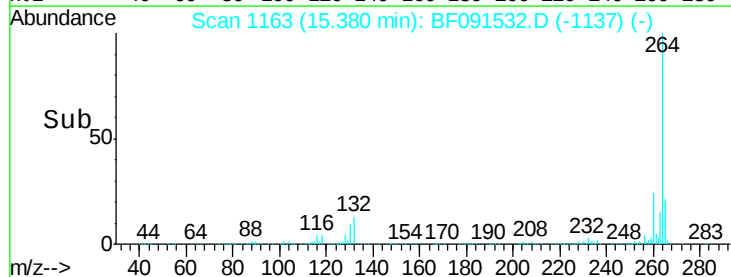
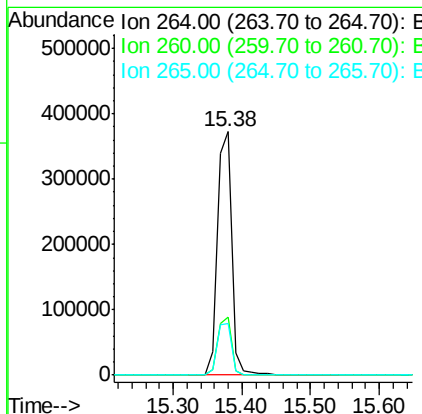
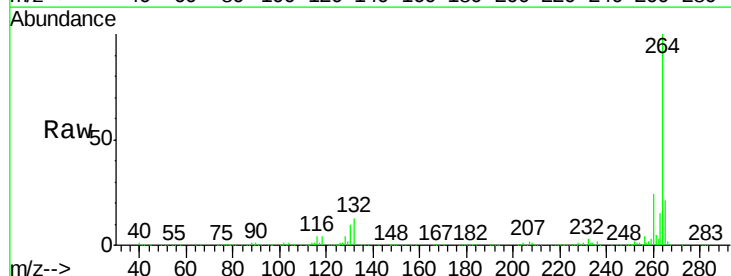
Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	24.8	20.2	30.2

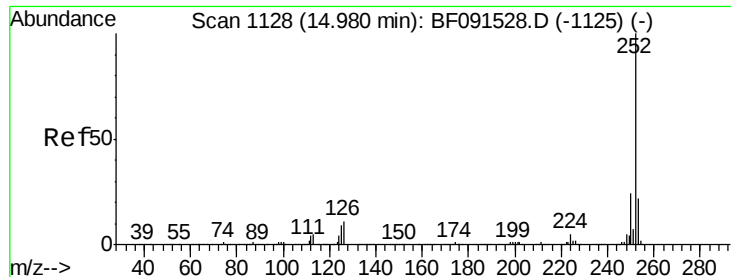


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Tgt Ion:264 Resp: 551401

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.0	17.0	25.6

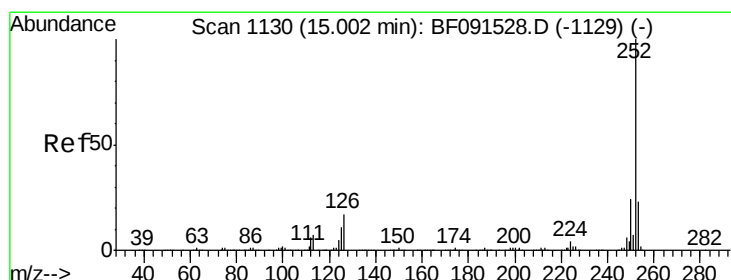
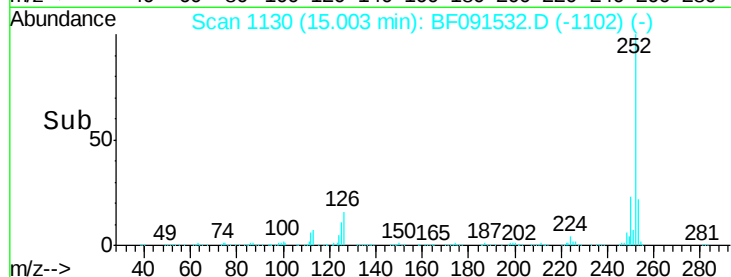
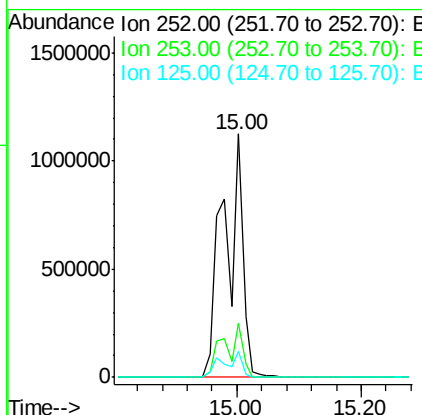
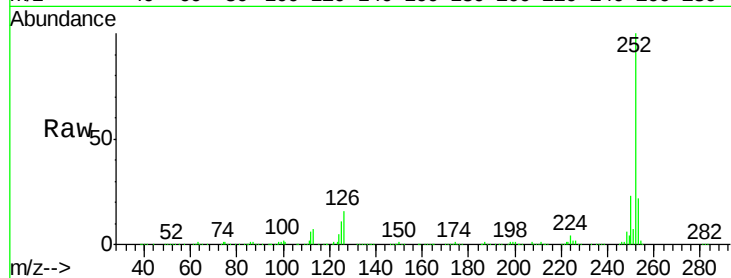




#87
Benzo(b)fluoranthene
Concen: 72.90 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

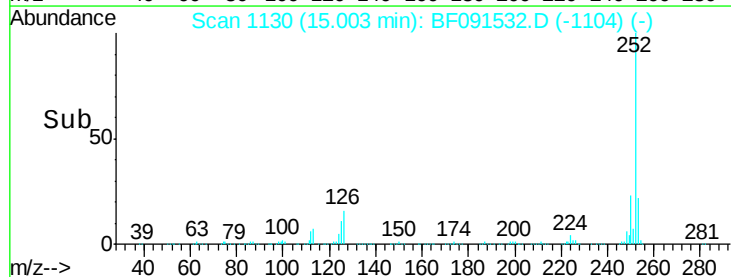
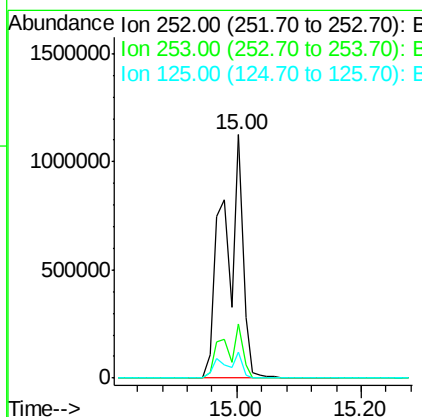
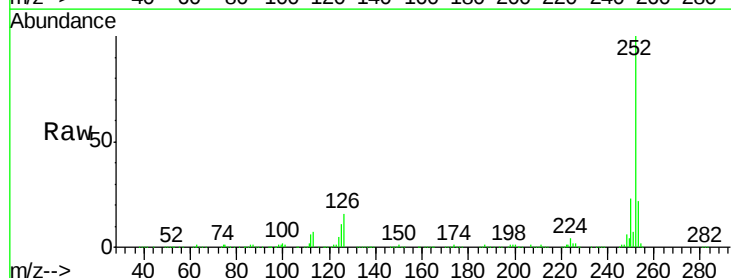
Instrument :
BNA_F
ClientSampled :

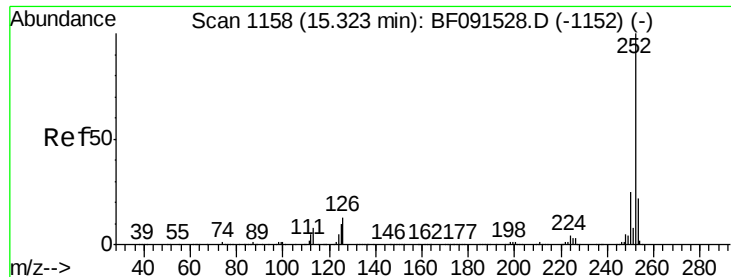
Tot Ion:252 Resp: 2396176
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 82.91 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091532.D
Acq: 9 Dec 2016 17:08

Tgt Ion:252 Resp: 2396176
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 9.6 14.4





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

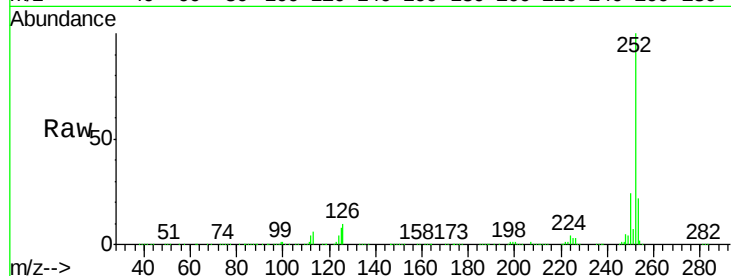
Tot Ion:252 Resp: 1162768

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

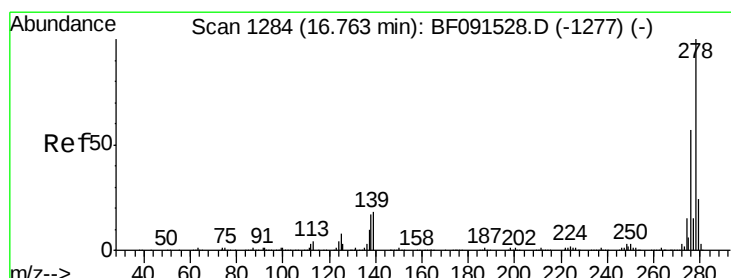
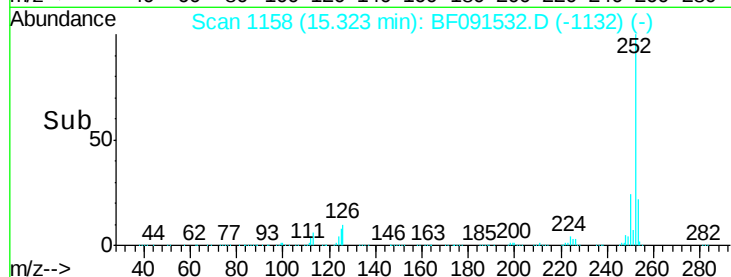
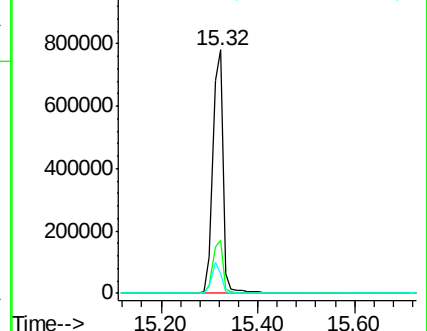
125 7.8 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.79 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF091532.D

Acq: 9 Dec 2016 17:08

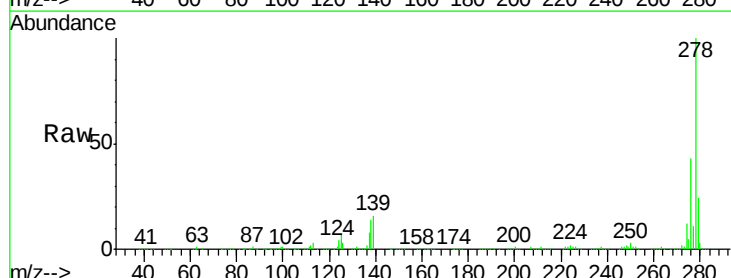
Tgt Ion:278 Resp: 1028995

Ion Ratio Lower Upper

278 100

139 16.5 15.1 22.7

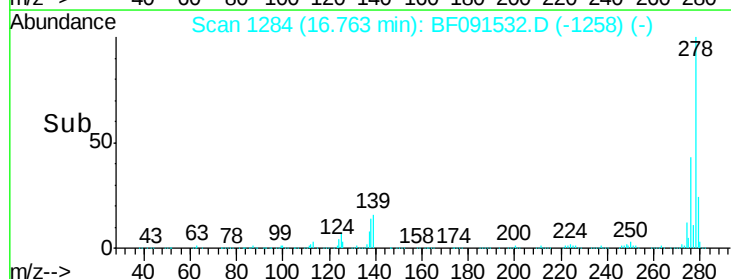
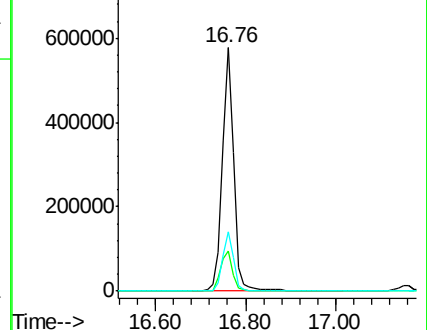
279 24.1 19.0 28.6

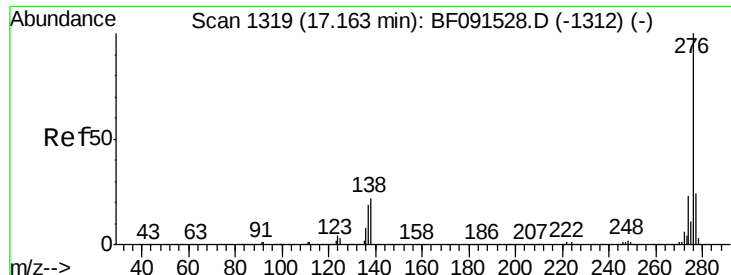


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



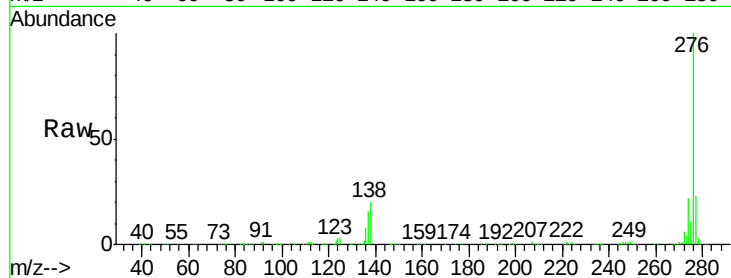


#91
 Benzo(a,h,i)perylene
 Concen: 39.21 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF091532.D
 Acq: 9 Dec 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1058575

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	20.0	15.4	23.0



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

