

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091936.D
 Acq On : 23 Dec 2016 20:55
 Operator : UM/SJ
 Sample : H6058-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Quant Time: Dec 23 22:09:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	230116	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	851811	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	407851	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	583227	20.00	ng	0.00
75) Chrysene-d12	13.89	240	455224	20.00	ng	-0.01
86) Perylene-d12	15.29	264	457032	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1724219	125.11	ng	0.05
7) Phenol-d6	6.44	99	2170338	128.99	ng	0.03
23) Nitrobenzene-d5	7.32	82	1433692	93.59	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	369002	109.33	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1936640	99.49	ng	0.00
78) Terphenyl-d14	12.84	244	1282271	68.31	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	235709	34.74	ng	99
3) Pyridine	3.01	79	533210	22.52	ng	97
4) n-Nitrosodimethylamine	2.98	42	373214	41.78	ng	96
6) Aniline	6.41	93	327446	14.98	ng	# 45
8) 2-Chlorophenol	6.54	128	619177	39.50	ng	97
9) Benzaldehyde	6.28	77	96867	7.67	ng	94
10) Phenol	6.45	94	1013149	52.84	ng	# 72
11) bis(2-Chloroethyl)ether	6.49	93	676505	44.34	ng	99
12) 1,3-Dichlorobenzene	6.68	146	669691	40.02	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	686372	40.29	ng	97
14) 1,2-Dichlorobenzene	6.91	146	563235	38.11	ng	95
15) Benzyl Alcohol	6.91	79	583622	44.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	927900	40.84	ng	67
17) 2-Methylphenol	7.05	107	545704	43.28	ng	98
18) Hexachloroethane	7.25	117	254696	40.33	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	516861	46.17	ng	97
20) 3+4-Methylphenols	7.21	107	747223	49.69	ng	# 74
22) Acetophenone	7.16	105	955246	45.47	ng	94
24) Nitrobenzene	7.33	77	673393	41.27	ng	100
25) Isophorone	7.57	82	1270038	44.94	ng	# 93
26) 2-Nitrophenol	7.65	139	362486	45.05	ng	95
27) 2,4-Dimethylphenol	7.71	122	535259	40.11	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	811716	47.36	ng	96
29) 2,4-Dichlorophenol	7.92	162	529517	46.86	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	511138	41.28	ng	# 94
31) Naphthalene	8.05	128	1630077	41.81	ng	100
32) Benzoic acid	7.85	122	174613	17.64	ng	95
33) 4-Chloroaniline	8.11	127	199579	11.35	ng	96
34) Hexachlorobutadiene	8.17	225	292987	44.82	ng	98
35) Caprolactam	8.46	113	200901	54.10	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	516801	39.74	ng	96
37) 2-Methylnaphthalene	8.75	142	1123598	49.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	426897	41.43	ng	98
40) Hexachlorocyclopentadiene	8.90	237	185738	42.44	ng	96

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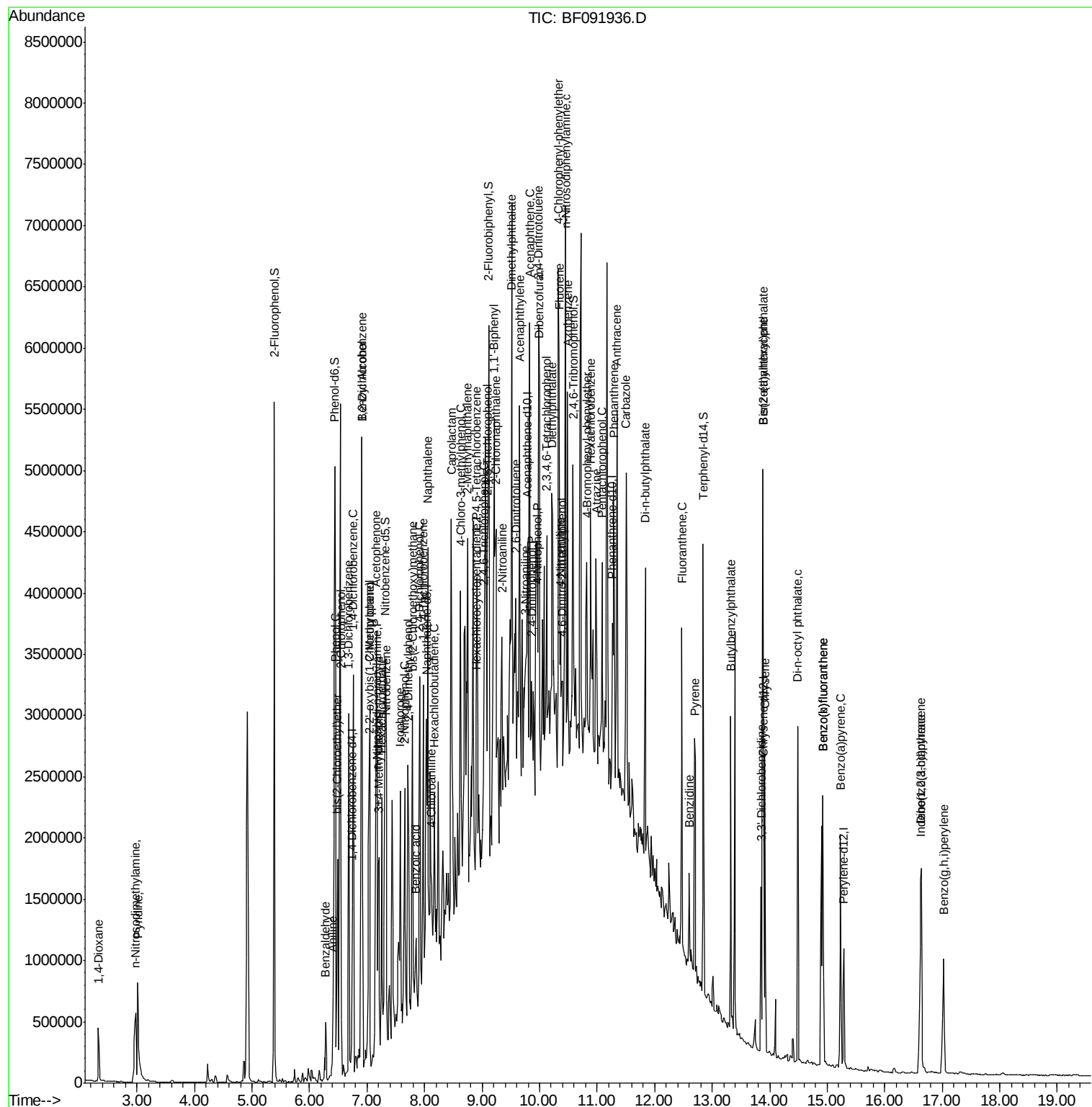
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	298338	41.40	ng	96
43) 2,4,5-Trichlorophenol	9.09	196	306961	41.39	ng	94
45) 1,1'-Biphenyl	9.21	154	1184200	42.41	ng	96
46) 2-Chloronaphthalene	9.24	162	920431	41.62	ng	99
47) 2-Nitroaniline	9.34	65	352859	44.81	ng	# 76
48) Acenaphthylene	9.65	152	1423341	41.85	ng	99
49) Dimethylphthalate	9.52	163	1179224	45.21	ng	98
50) 2,6-Dinitrotoluene	9.58	165	262885	46.04	ng	# 87
51) Acenaphthene	9.82	154	932401	40.44	ng	100
52) 3-Nitroaniline	9.76	138	151100	21.38	ng	# 70
53) 2,4-Dinitrophenol	9.86	184	81432	25.63	ng	# 62
54) Dibenzofuran	10.00	168	1254716	40.29	ng	99
55) 4-Nitrophenol	9.96	139	382628	79.76	ng	# 74
56) 2,4-Dinitrotoluene	9.98	165	322674	45.03	ng	# 96
57) Fluorene	10.34	166	998781	44.09	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	229287	39.09	ng	# 87
59) Diethylphthalate	10.21	149	1000617	39.50	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	406805	41.01	ng	99
61) 4-Nitroaniline	10.36	138	195998	26.77	ng	84
62) Azobenzene	10.49	77	1160311	41.60	ng	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	78245	22.19	ng	# 61
65) n-Nitrosodiphenylamine	10.45	169	847781	48.99	ng	96
66) 4-Bromophenyl-phenylether	10.82	248	280497	46.23	ng	90
67) Hexachlorobenzene	10.89	284	270830	41.76	ng	96
68) Atrazine	10.98	200	261420	46.83	ng	98
69) Pentachlorophenol	11.08	266	249459	78.40	ng	99
70) Phenanthrene	11.29	178	1299023	41.08	ng	98
71) Anthracene	11.34	178	1337577	49.32	ng	99
72) Carbazole	11.50	167	1144432	43.15	ng	99
73) Di-n-butylphthalate	11.84	149	1576585	53.38	ng	98
74) Fluoranthene	12.48	202	1308286	47.35	ng	94
76) Benzidine	12.60	184	391271	31.30	ng	96
77) Pyrene	12.71	202	1262772	37.81	ng	98
79) Butylbenzylphthalate	13.32	149	620106	40.82	ng	91
80) Benzo(a)anthracene	13.88	228	989623	38.51	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	271007	27.81	ng	97
82) Chrysene	13.92	228	863385	33.50	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	753082	42.10	ng	# 98
84) Di-n-octyl phthalate	14.49	149	1345853	40.61	ng	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	962719	43.11	ng	99
87) Benzo(b)fluoranthene	14.92	252	2020030	70.99	ng	99
88) Benzo(k)fluoranthene	14.92	252	2020030	83.25	ng	98
89) Benzo(a)pyrene	15.23	252	979427	38.78	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	798450	38.46	ng	97
91) Benzo(g,h,i)perylene	17.03	276	778965	36.09	ng	98

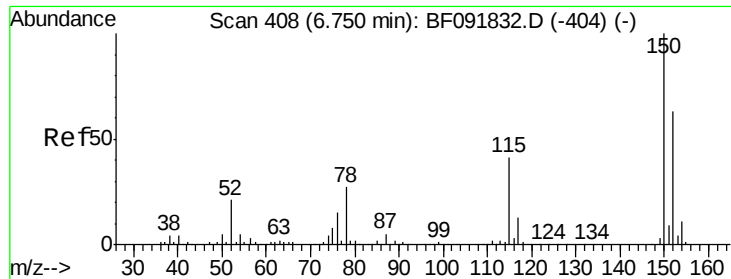
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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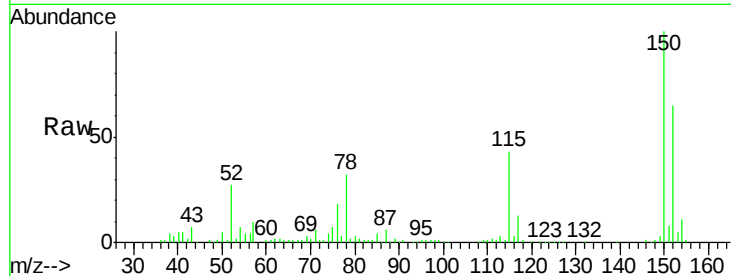




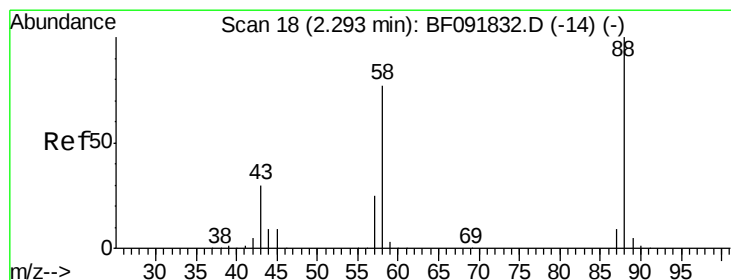
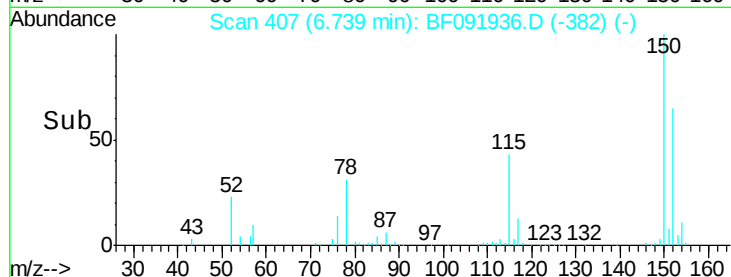
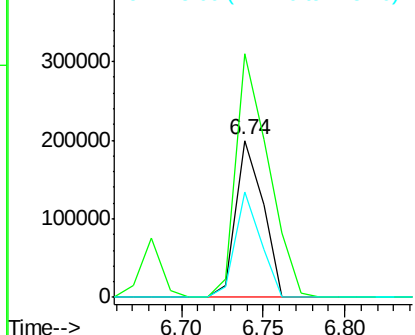
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion:152 Resp: 230116
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 67.0 46.0 69.0

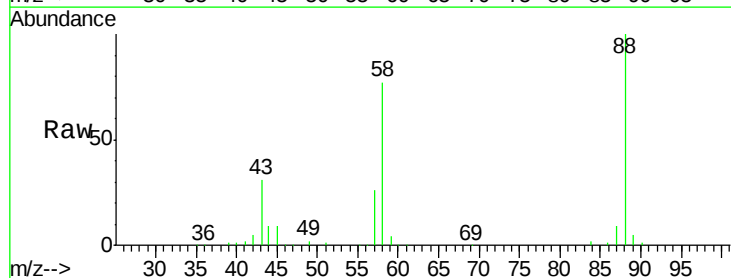


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

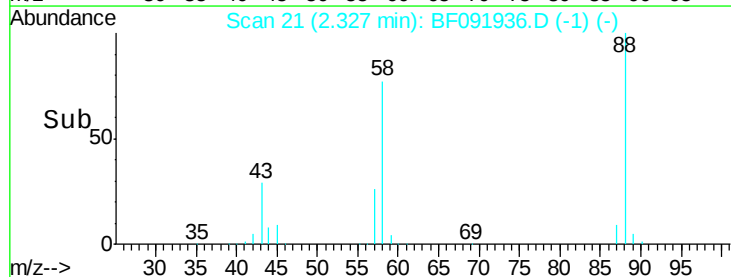
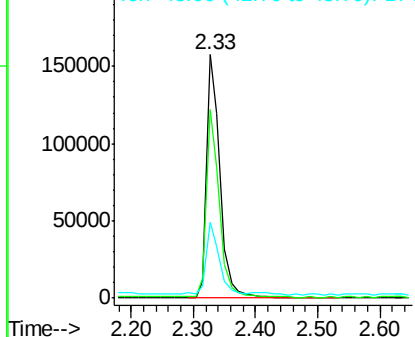


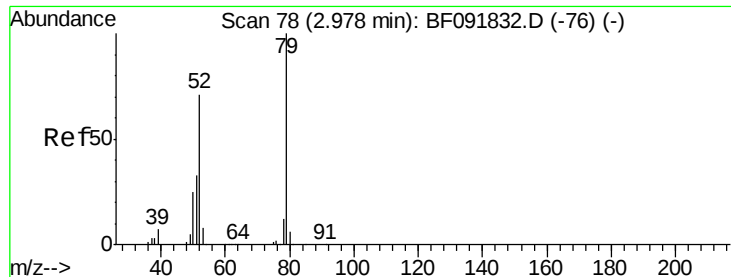
#2
 1,4-Dioxane
 Concen: 34.74 ng
 RT: 2.33 min Scan# 21
 Delta R.T. 0.03 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion: 88 Resp: 235709
 Ion Ratio Lower Upper
 88 100
 58 73.9 57.8 86.8
 43 28.1 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.52 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

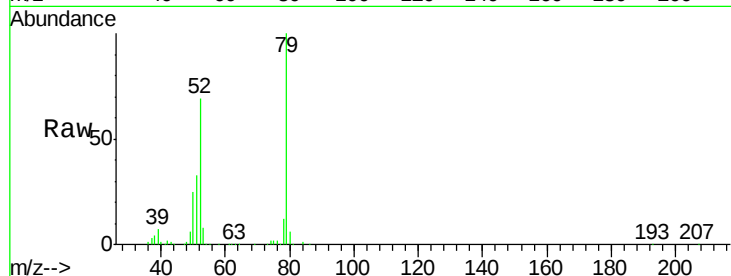
Tgt Ion: 79 Resp: 533210

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

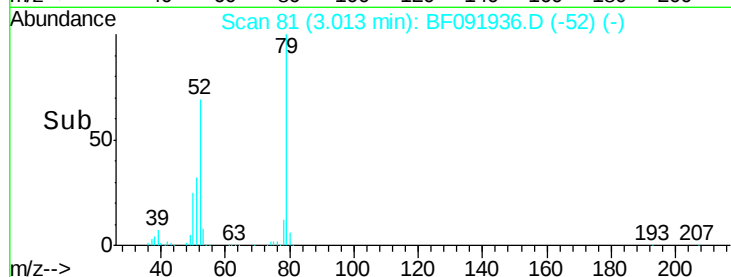
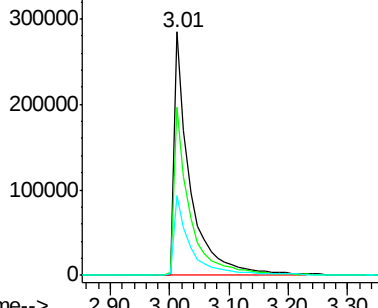
51 32.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.78 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

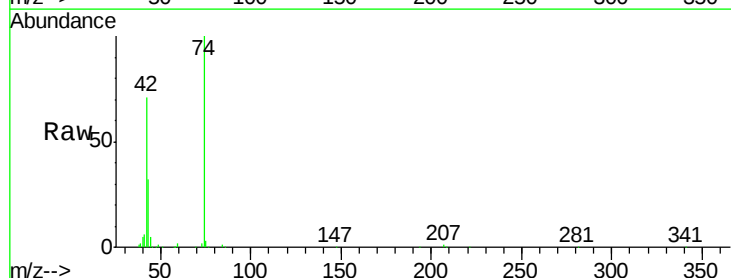
Tgt Ion: 42 Resp: 373214

Ion Ratio Lower Upper

42 100

74 140.6 117.0 175.4

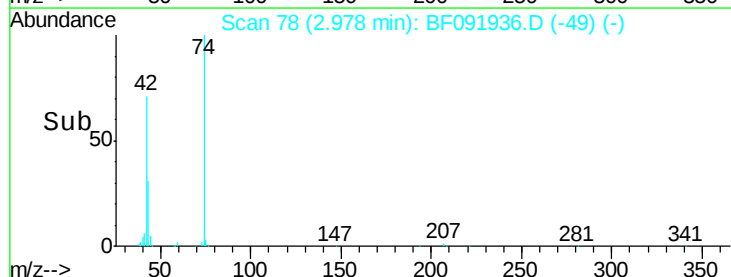
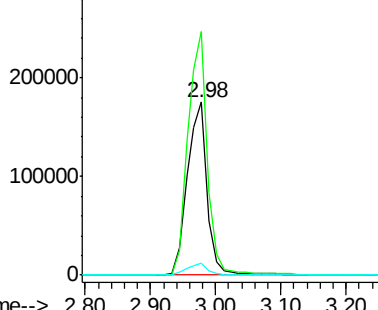
44 6.7 5.5 8.3

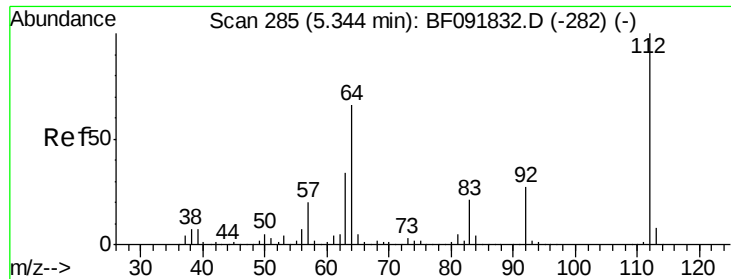


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.11 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

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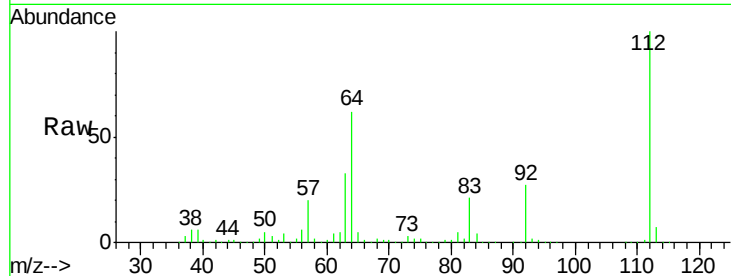
Tgt Ion: 112 Resp: 1724219

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

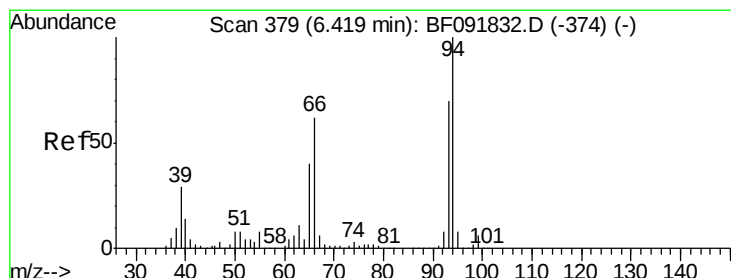
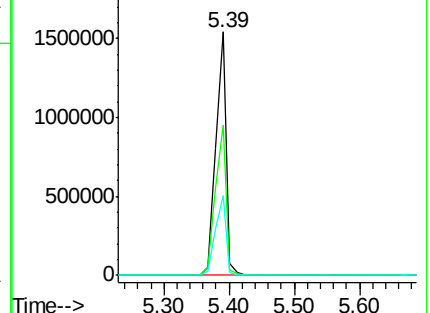
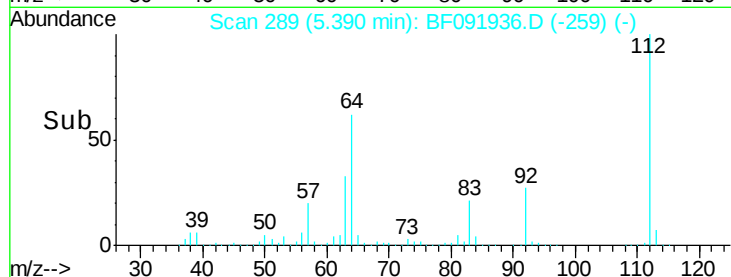
63 32.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

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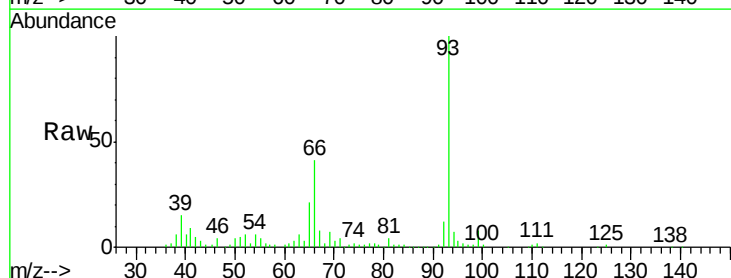
Tgt Ion: 93 Resp: 327446

Ion Ratio Lower Upper

93 100

66 41.2 76.2 114.2#

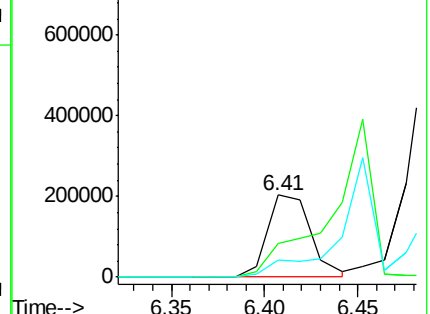
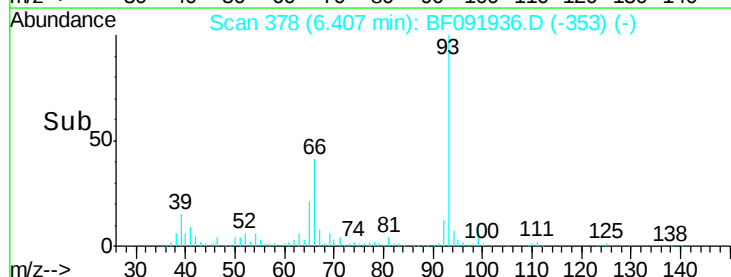
65 21.0 49.3 73.9#

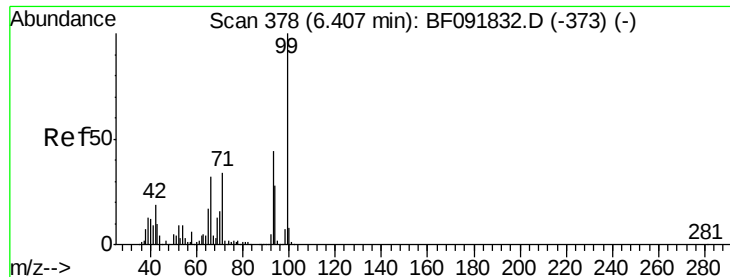


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.99 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

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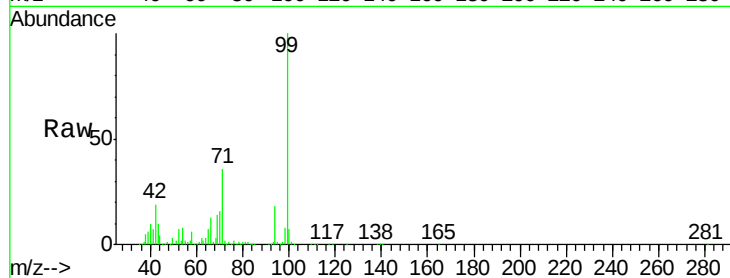
Tgt Ion: 99 Resp: 2170338

Ion Ratio Lower Upper

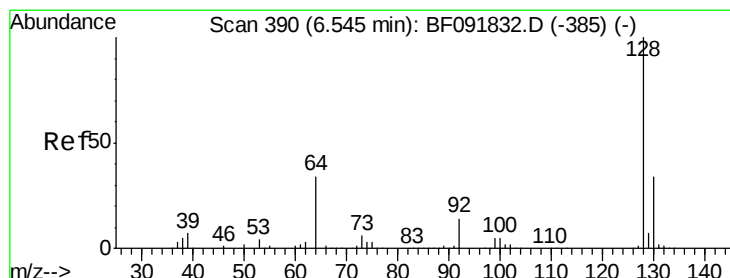
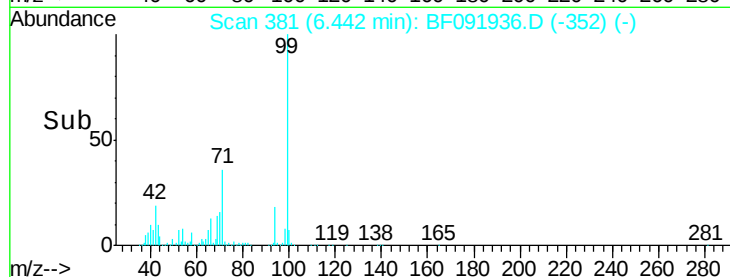
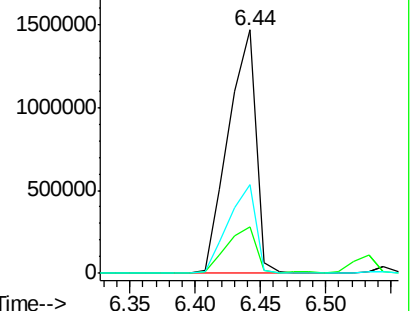
99 100

42 19.3 15.6 23.4

71 36.2 27.5 41.3



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



#8

2-Chlorophenol

Concen: 39.50 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091936.D

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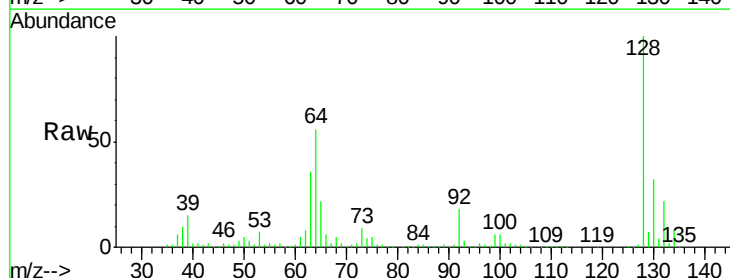
Tgt Ion: 128 Resp: 619177

Ion Ratio Lower Upper

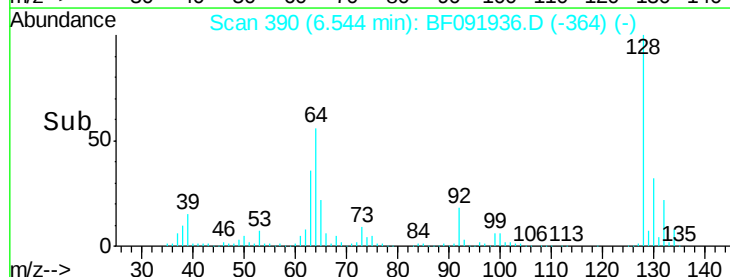
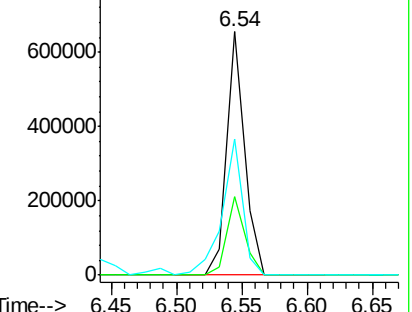
128 100

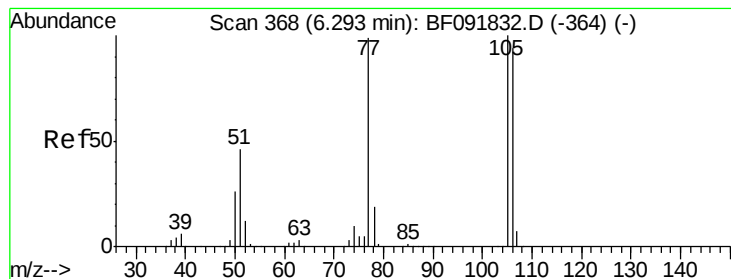
130 32.2 12.3 52.3

64 55.7 32.2 72.2



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





#9

Benzaldehyde

Concen: 7.67 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

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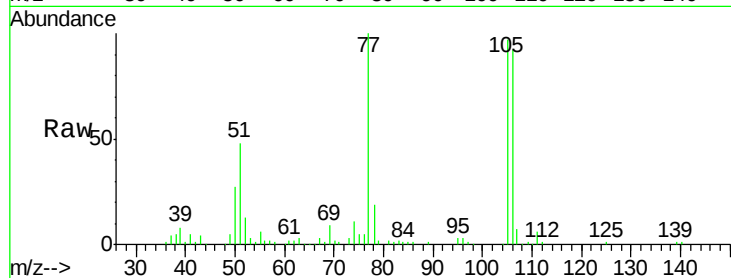
Tgt Ion: 77 Resp: 96867

Ion Ratio Lower Upper

77 100

105 97.2 83.9 123.9

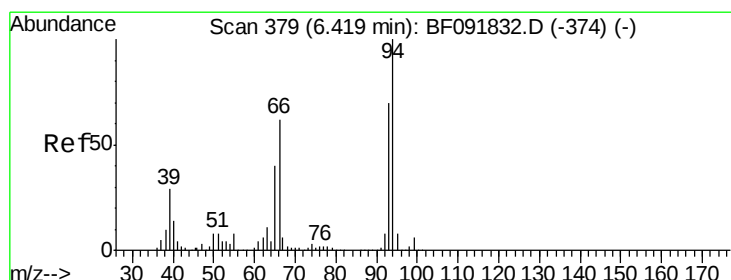
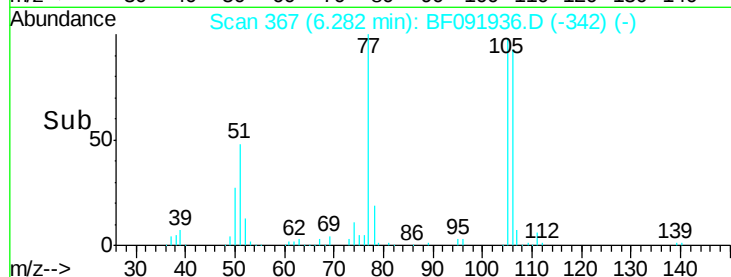
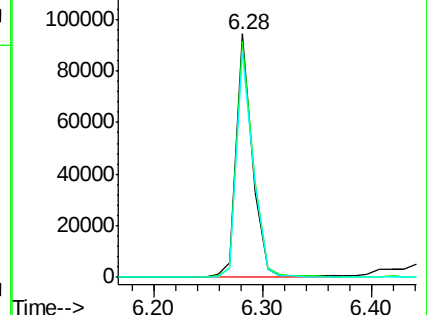
106 92.3 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.84 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

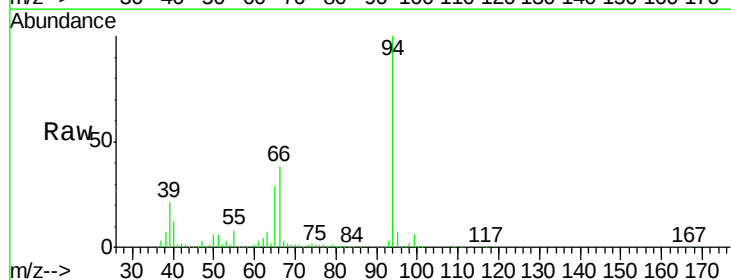
Tgt Ion: 94 Resp: 1013149

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

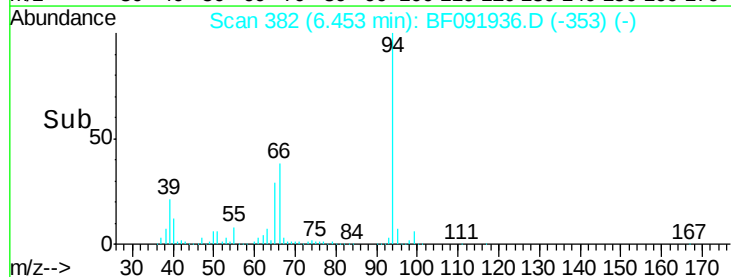
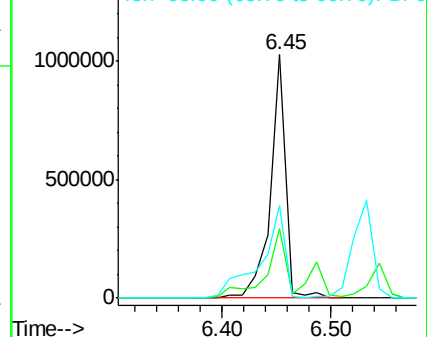
66 38.2 44.0 84.0#

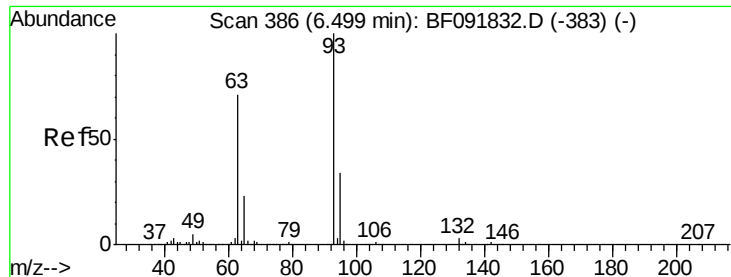


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

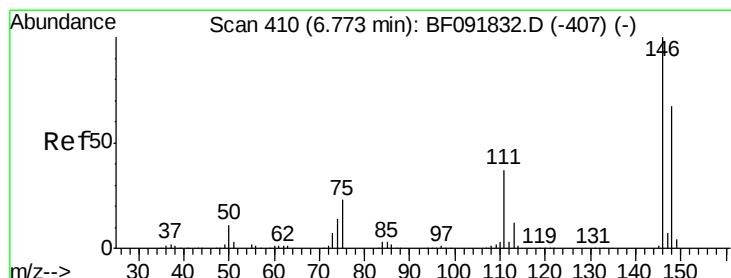
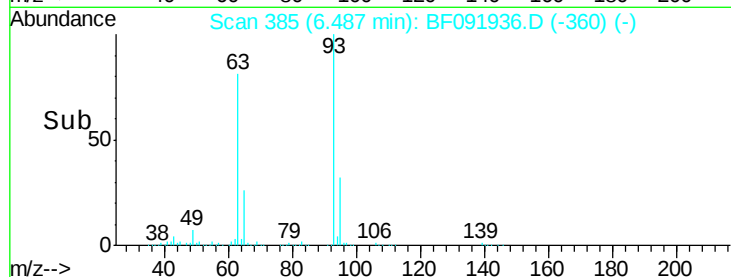
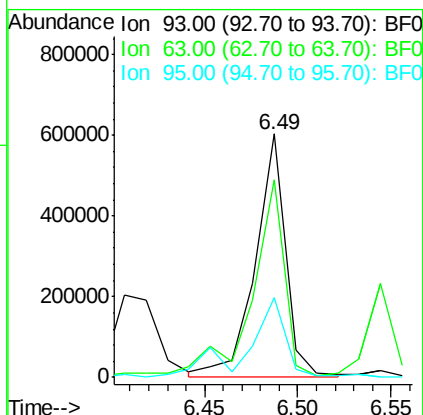
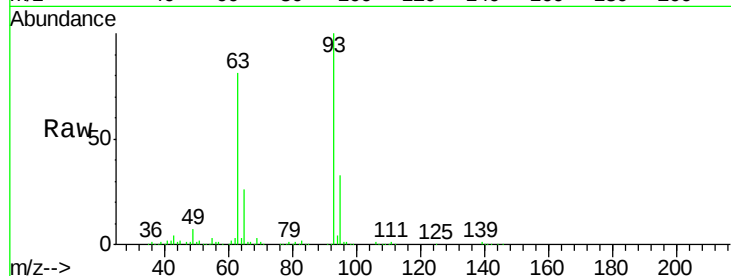




#11
bis(2-Chloroethyl)ether
Concen: 44.34 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

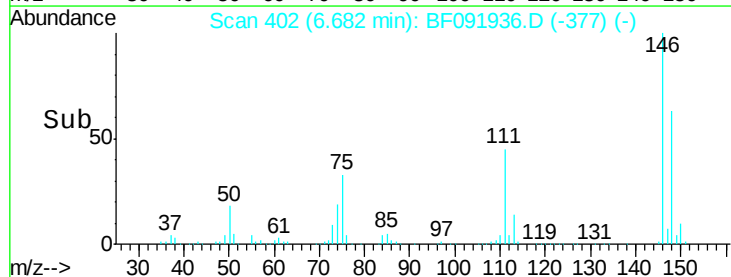
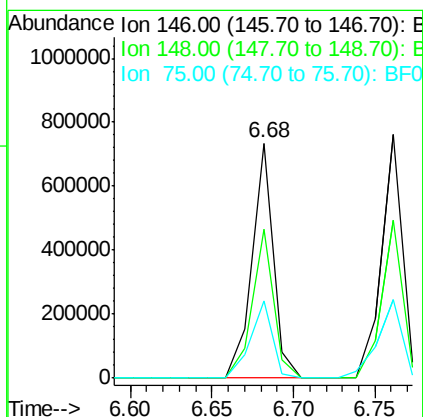
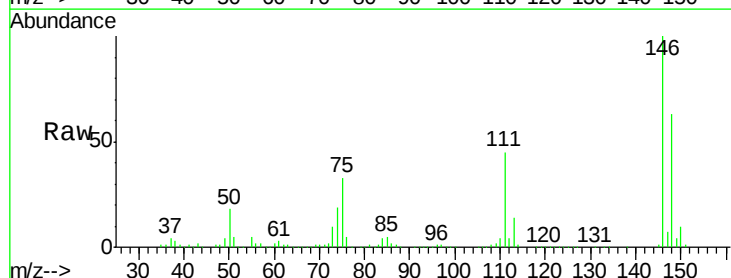
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

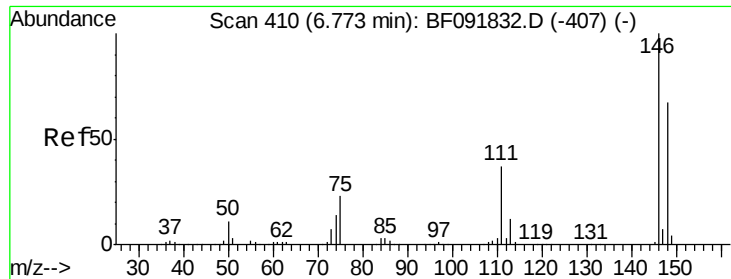
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.0	60.4	100.4
95	32.6	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.02 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	33.0	18.5	27.7

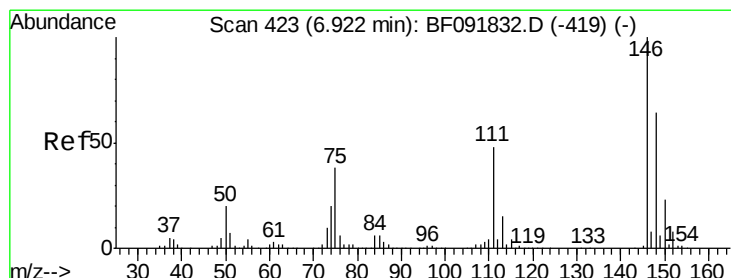
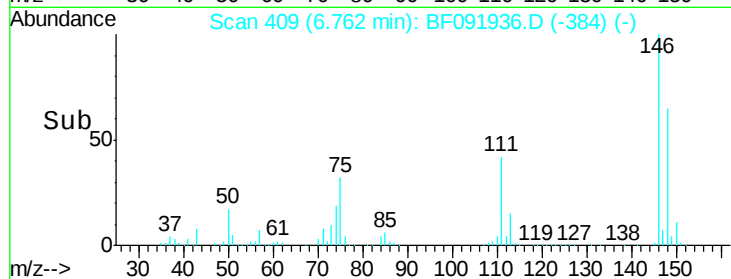
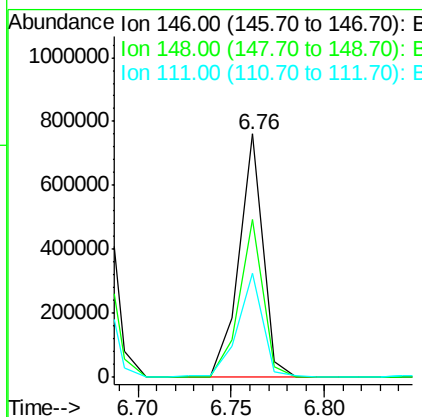
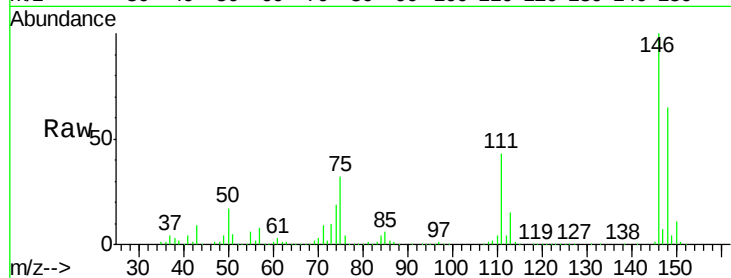




#13
 1,4-Dichlorobenzene
 Concen: 40.29 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

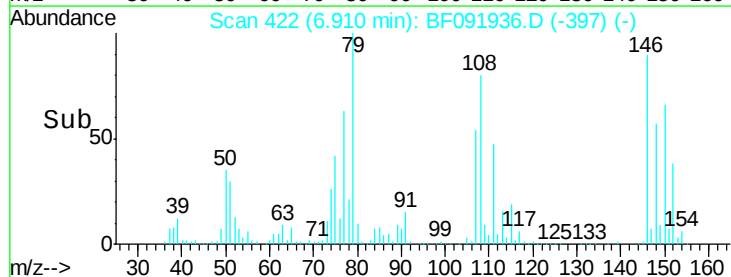
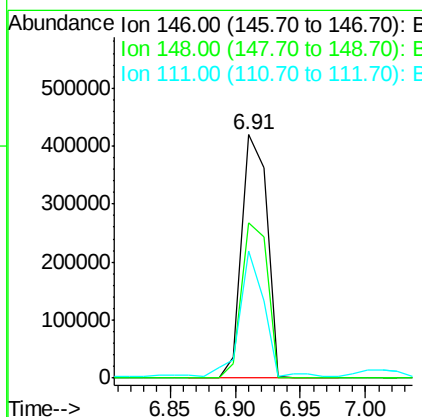
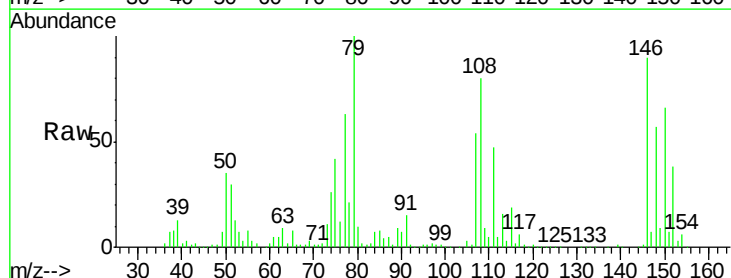
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

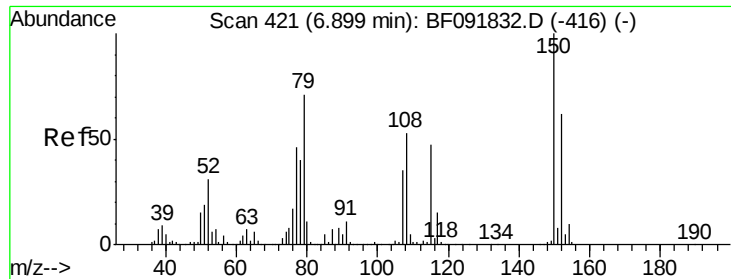
Tgt Ion:146 Resp: 686372
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 42.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:146 Resp: 563235
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 52.3 36.2 54.2

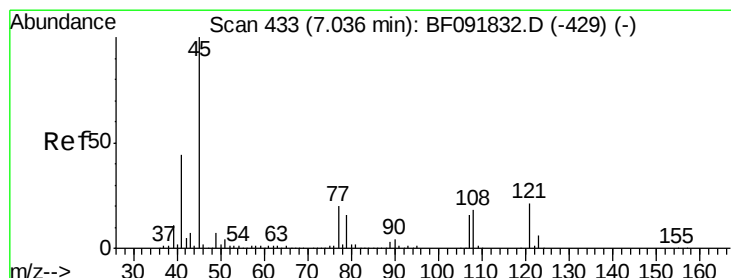
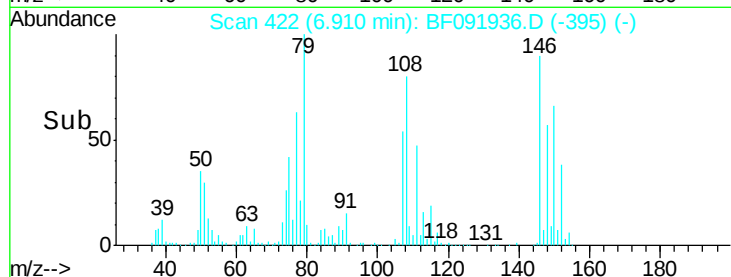
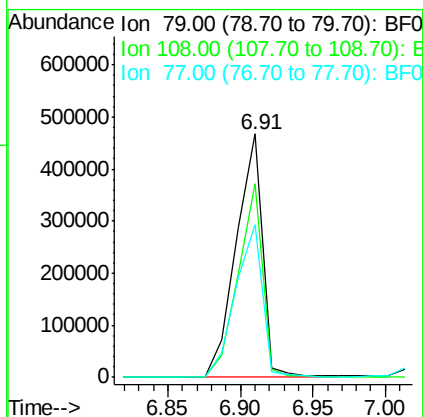
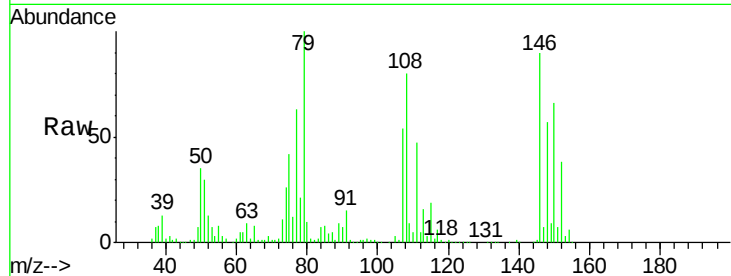




#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

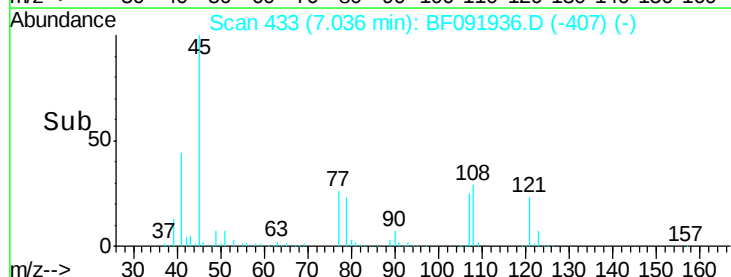
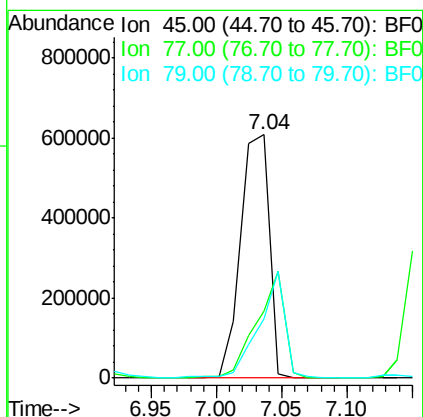
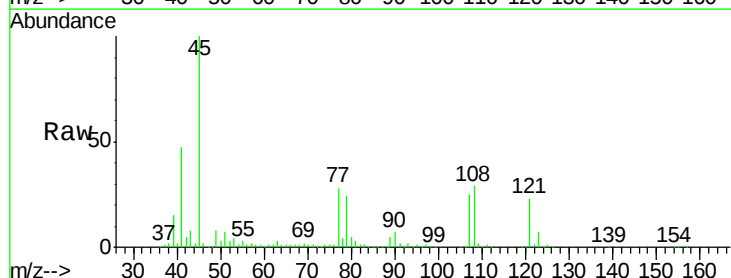
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

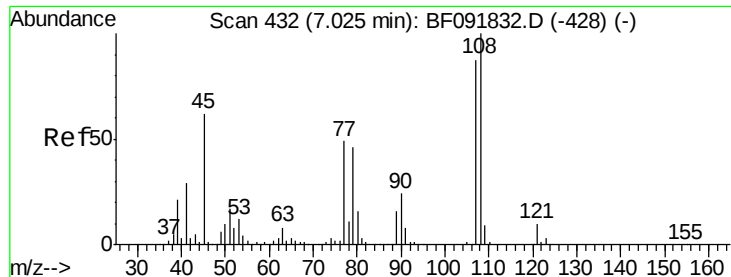
Tgt Ion: 79 Resp: 583622
Ion Ratio Lower Upper
79 100
108 79.7 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.84 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 45 Resp: 927900
Ion Ratio Lower Upper
45 100
77 27.7 0.0 34.6
79 24.1 0.0 31.2

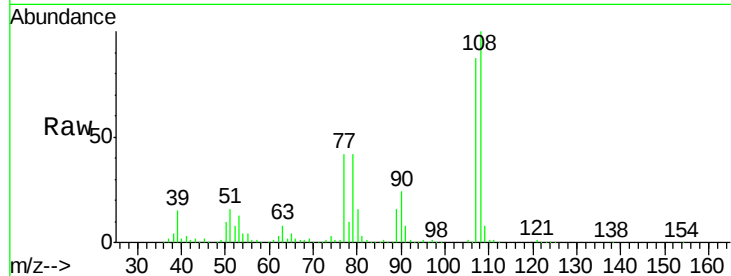




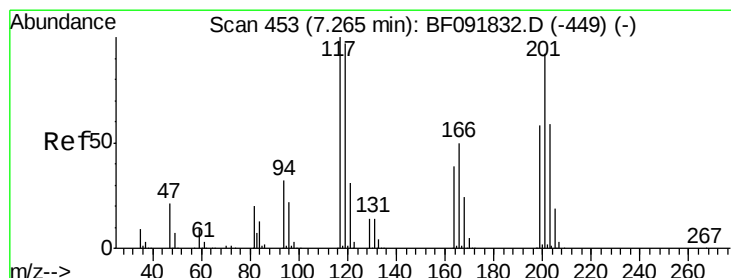
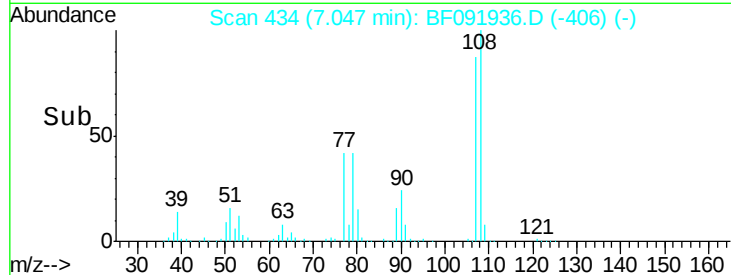
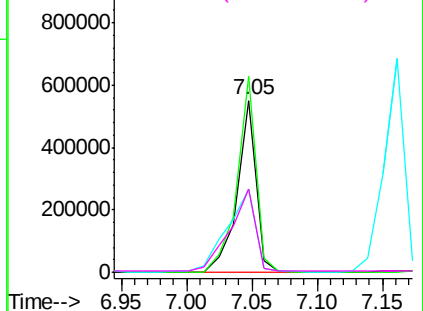
#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion:107 Resp: 545704
Ion Ratio Lower Upper
107 100
108 114.3 93.0 139.6
77 48.4 39.8 59.8
79 48.5 38.0 57.0

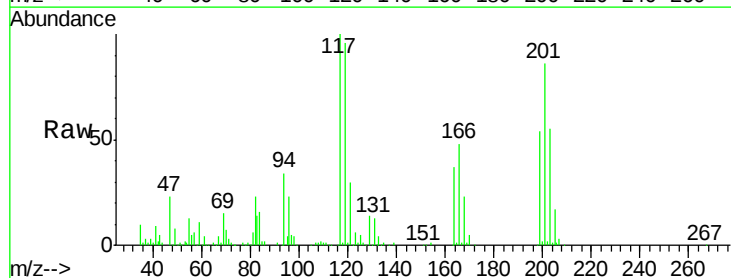


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

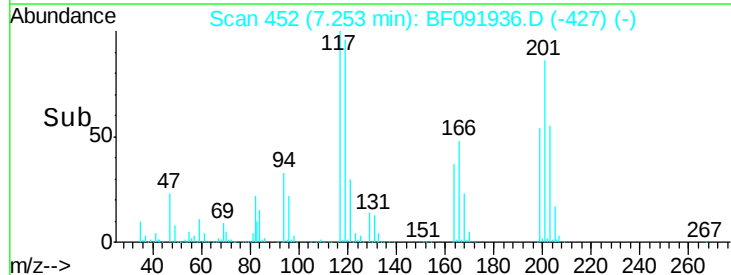
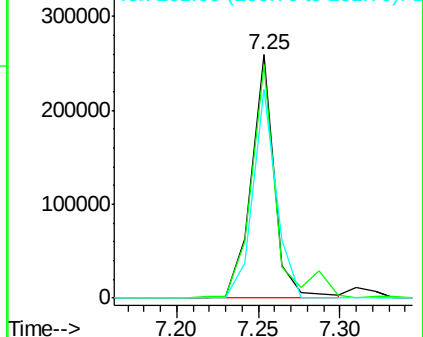


#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:117 Resp: 254696
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1
201 85.7 78.6 117.8



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

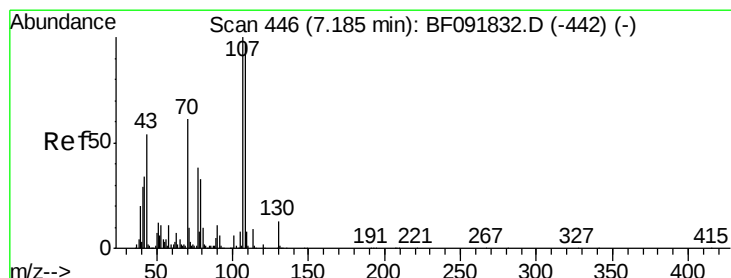
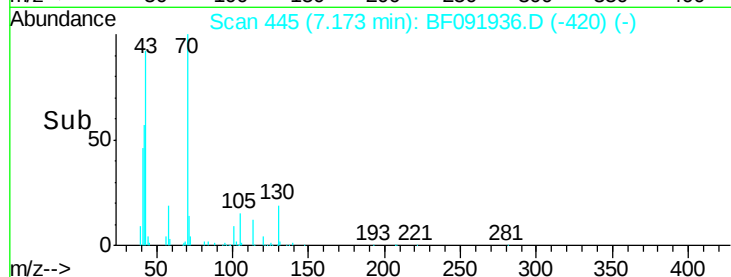
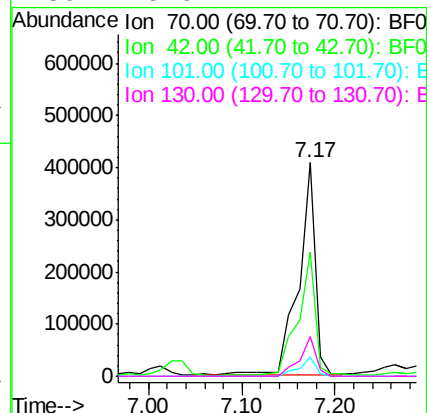
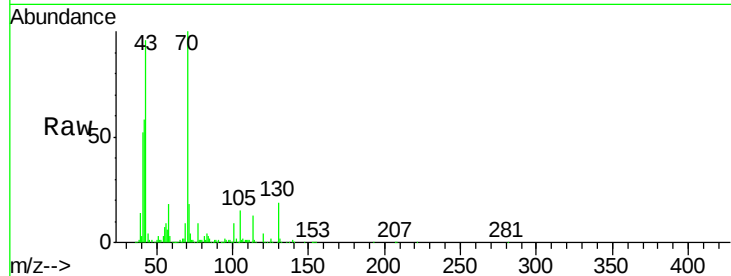




#19
n-Nitroso-di-n-propylamine
Concen: 46.17 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

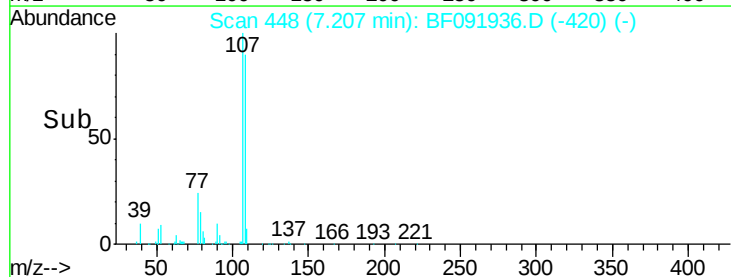
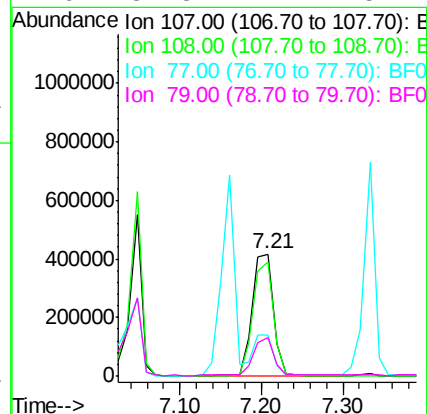
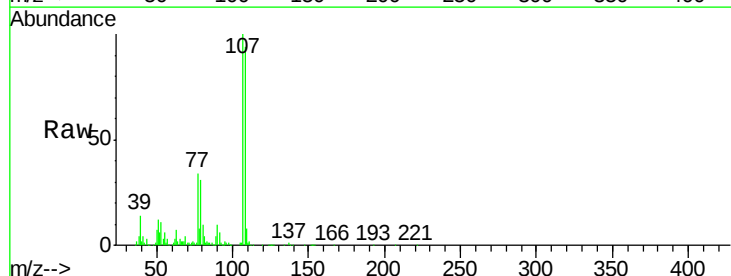
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

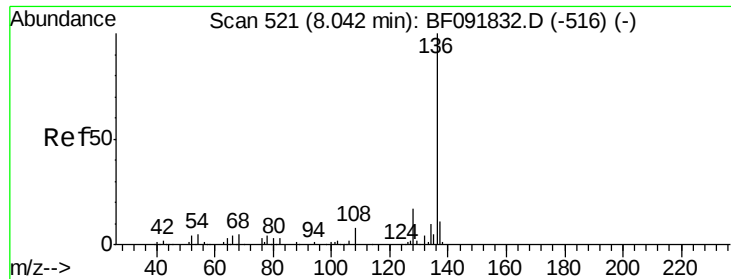
Tgt Ion:	70	Resp:	516861
Ion	Ratio	Lower	Upper
70	100		
42	58.3	49.4	74.0
101	9.0	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 49.69 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:	107	Resp:	747223
Ion	Ratio	Lower	Upper
107	100		
108	93.7	73.0	113.0
77	33.6	71.3	111.3#
79	31.3	11.1	51.1

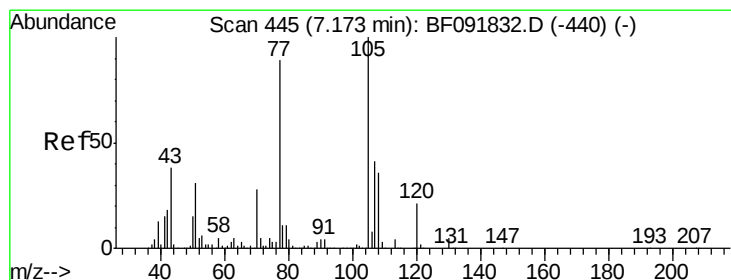
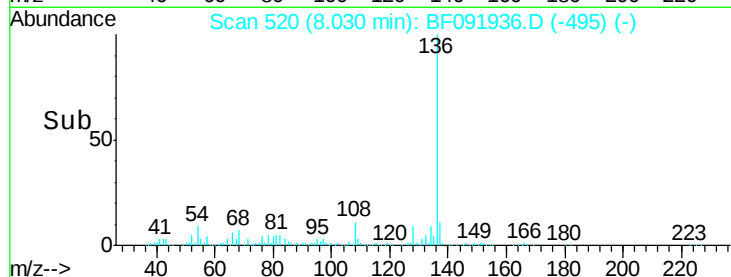
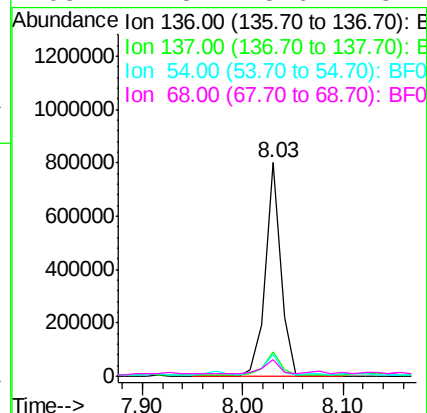
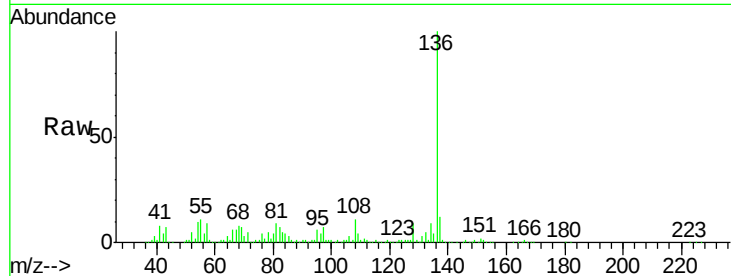




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

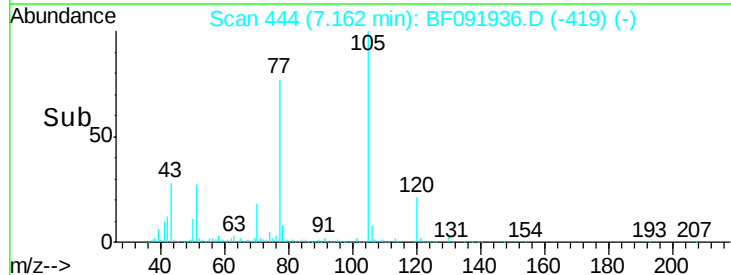
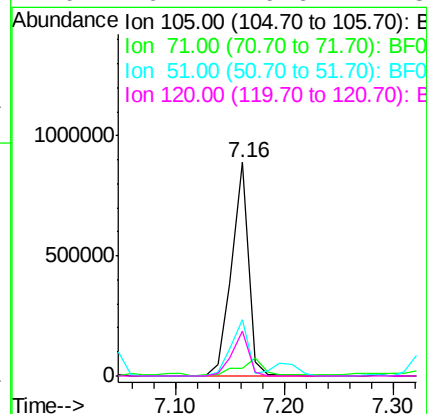
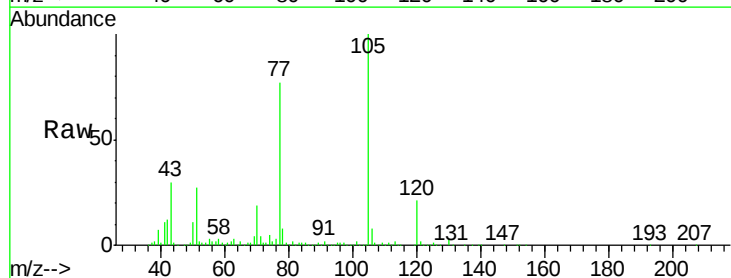
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

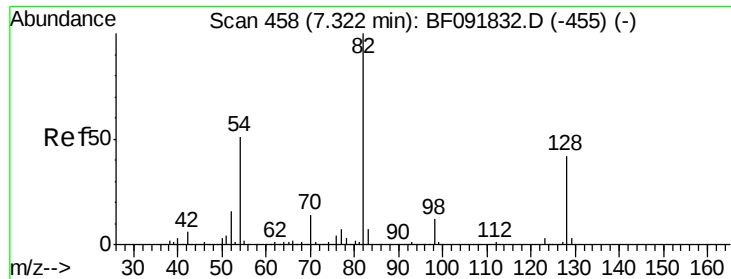
Tgt Ion:	136	Resp:	851811
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.4	12.6
54	10.0	4.5	6.7#
68	7.8	3.6	5.4#



#22
Acetophenone
Concen: 45.47 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:	105	Resp:	955246
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.2	4.8
51	26.6	26.2	39.4
120	20.7	16.6	24.8





#23

Nitrobenzene-d5

Concen: 93.59 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

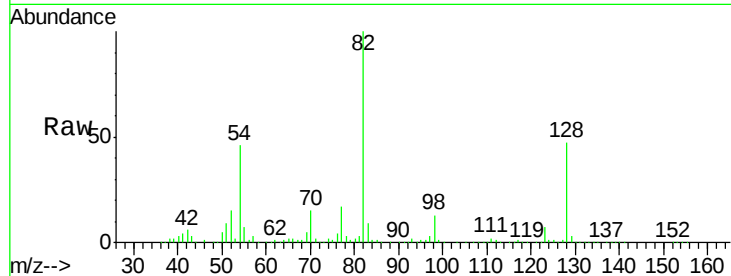
Tgt Ion: 82 Resp: 1433692

Ion Ratio Lower Upper

82 100

128 46.6 34.6 52.0

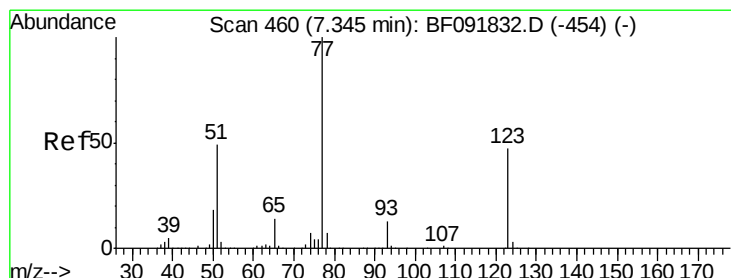
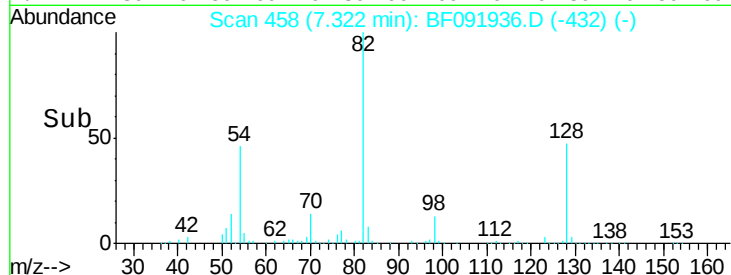
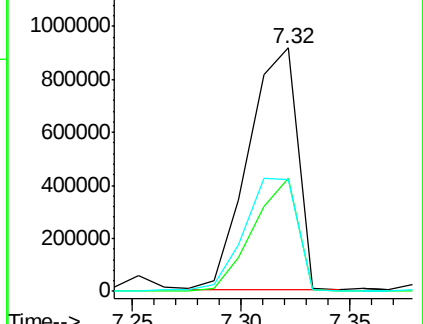
54 46.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.27 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

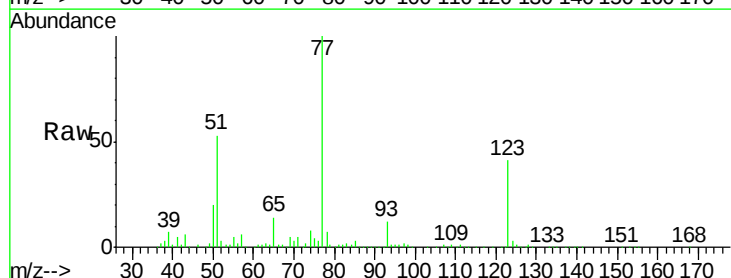
Tgt Ion: 77 Resp: 673393

Ion Ratio Lower Upper

77 100

123 41.2 33.0 49.4

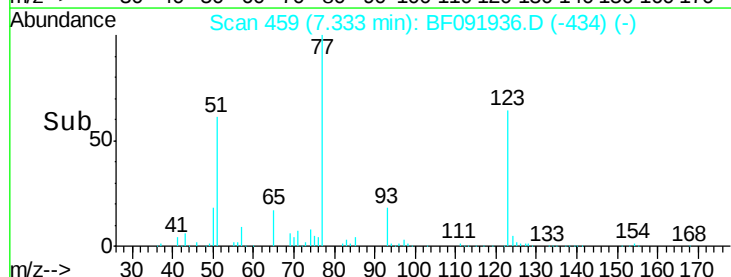
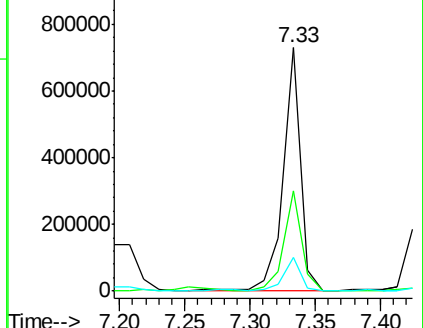
65 14.0 11.2 16.8

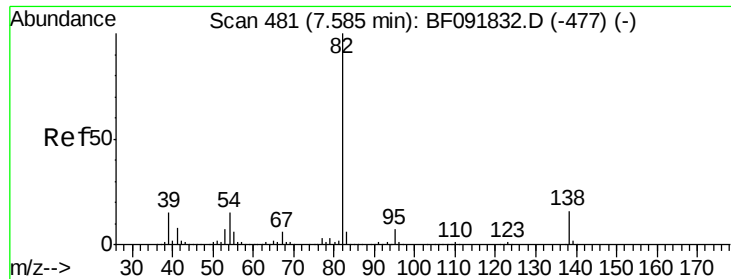


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.94 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

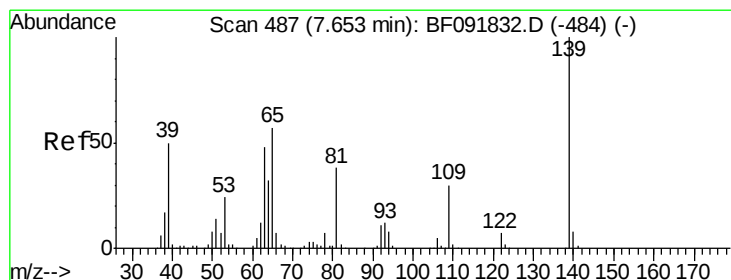
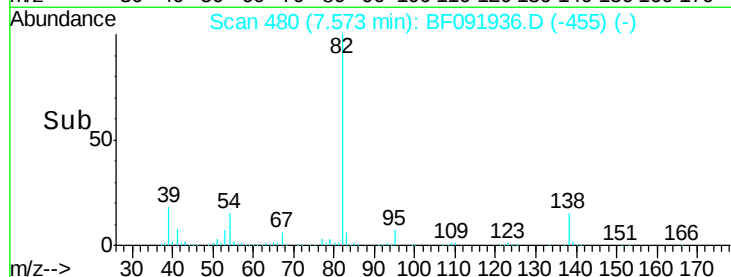
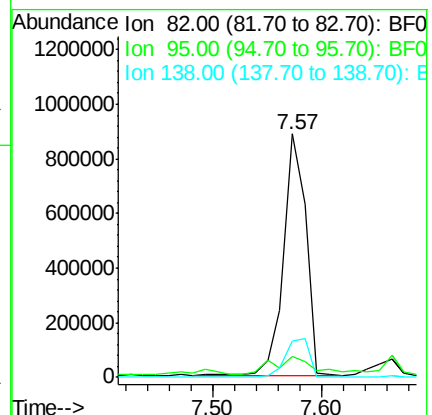
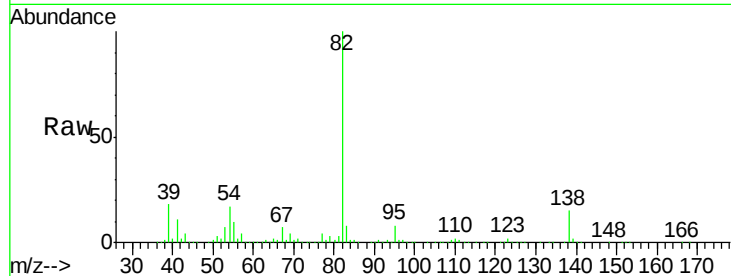
Tgt Ion: 82 Resp: 1270038

Ion Ratio Lower Upper

82 100

95 8.5 5.6 8.4#

138 14.8 14.6 22.0



#26

2-Nitrophenol

Concen: 45.05 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

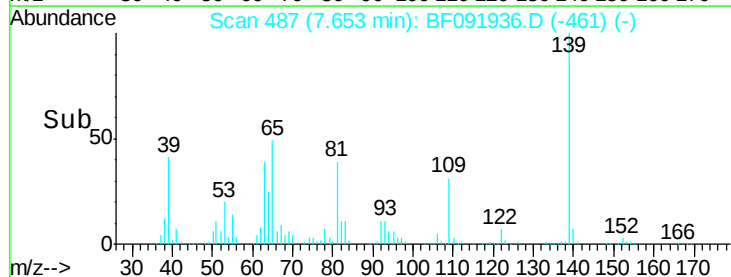
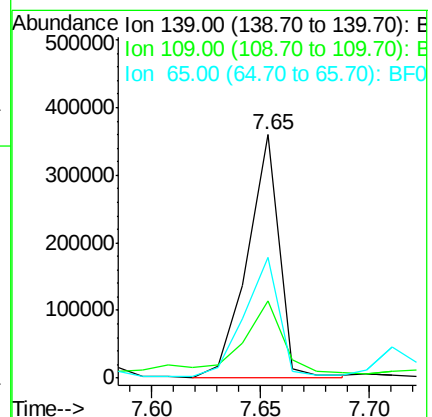
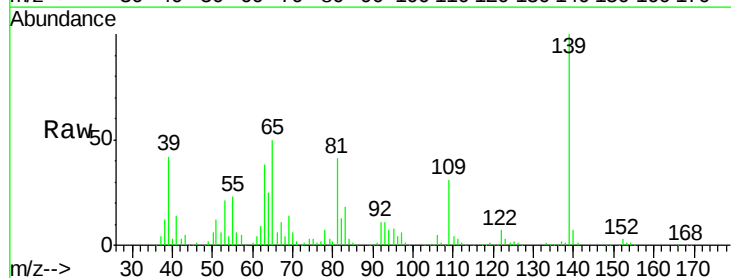
Tgt Ion: 139 Resp: 362486

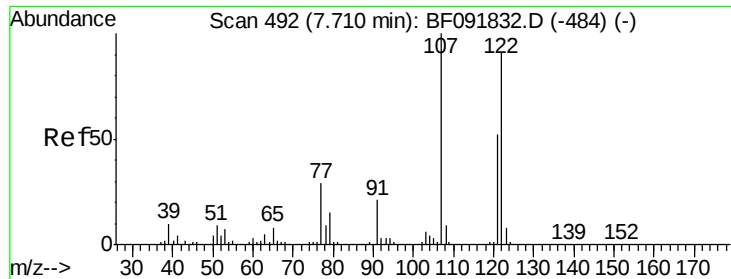
Ion Ratio Lower Upper

139 100

109 31.5 23.3 34.9

65 49.6 42.7 64.1

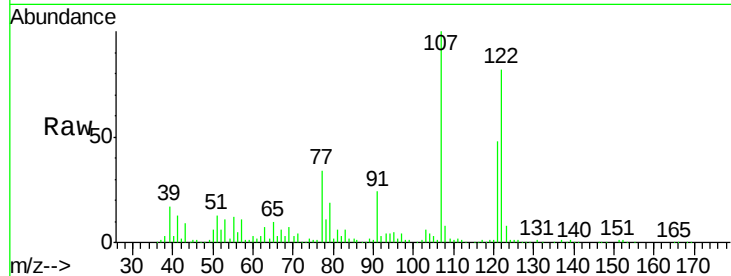




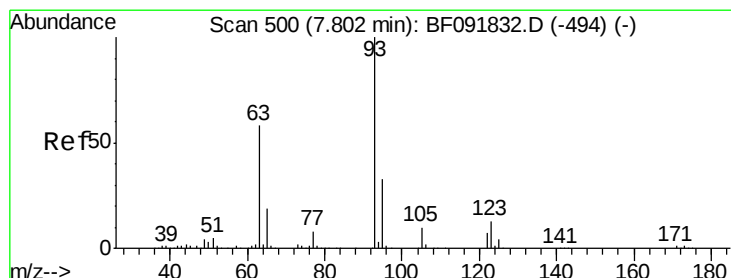
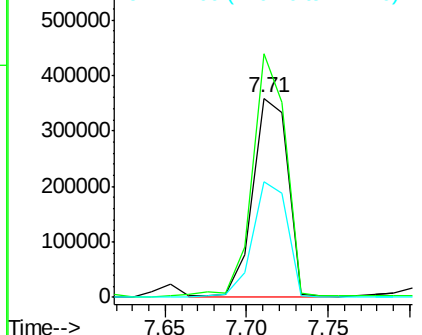
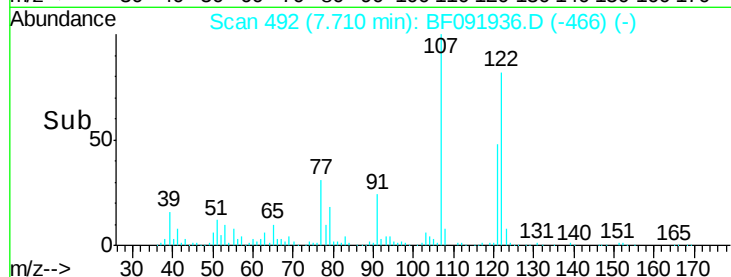
#27
 2,4-Dimethylphenol
 Concen: 40.11 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion: 122 Resp: 535259
 Ion Ratio Lower Upper
 122 100
 107 122.3 94.1 141.1
 121 58.4 46.0 69.0

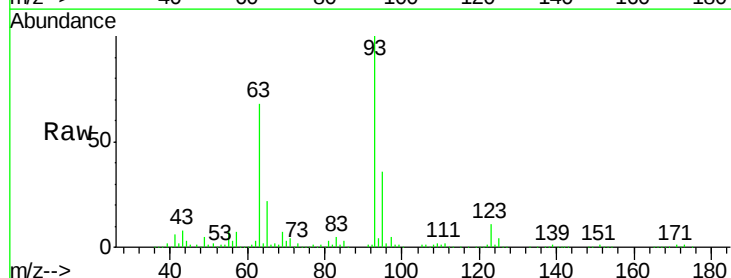


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

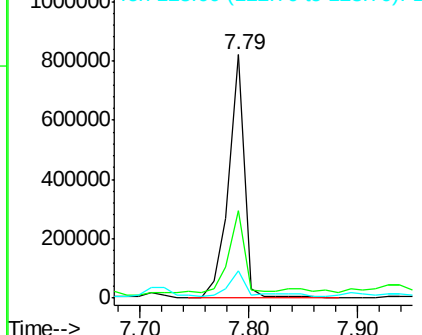
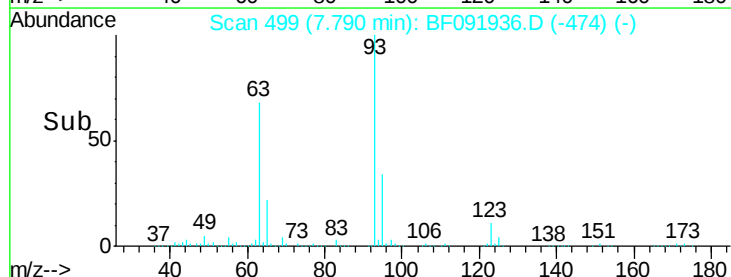


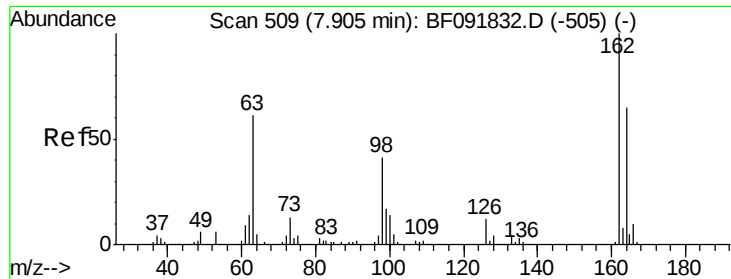
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.36 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion: 93 Resp: 811716
 Ion Ratio Lower Upper
 93 100
 95 35.7 26.5 39.7
 123 11.4 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

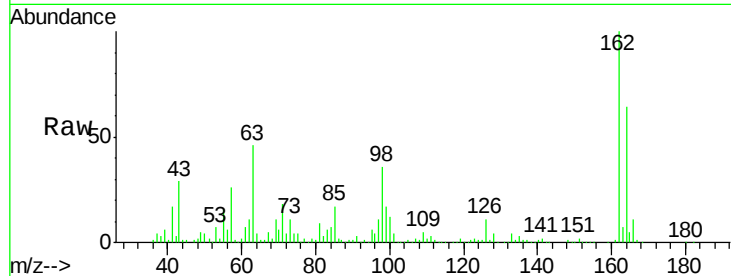




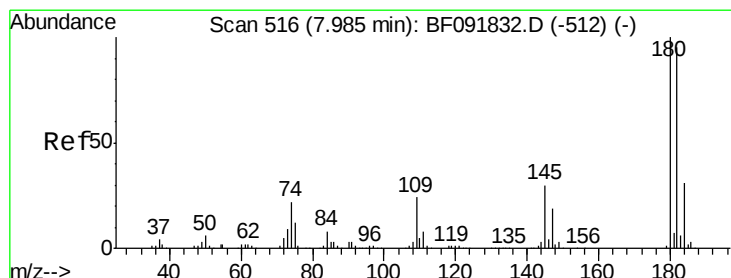
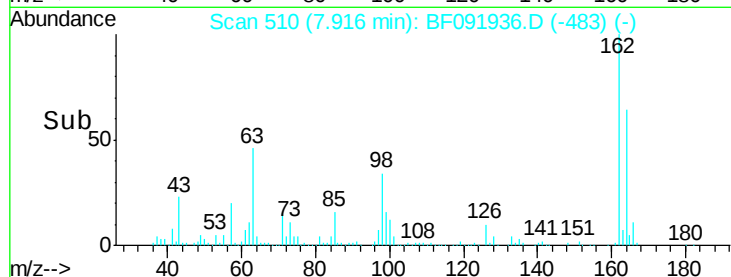
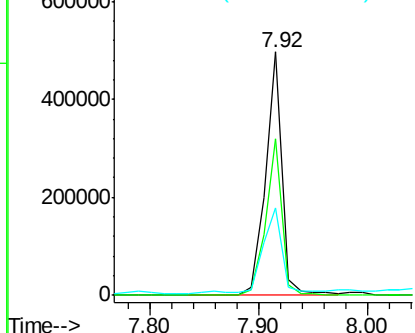
#29
 2,4-Dichlorophenol
 Concen: 46.86 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	36.0	9.1	49.1

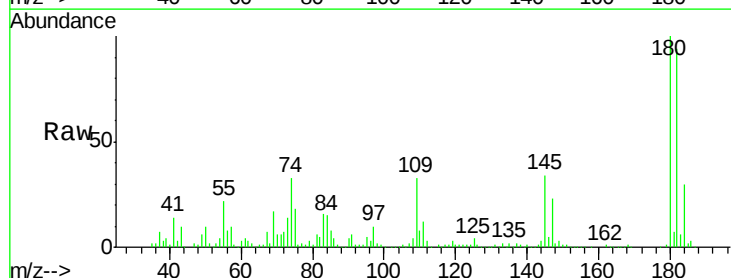


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

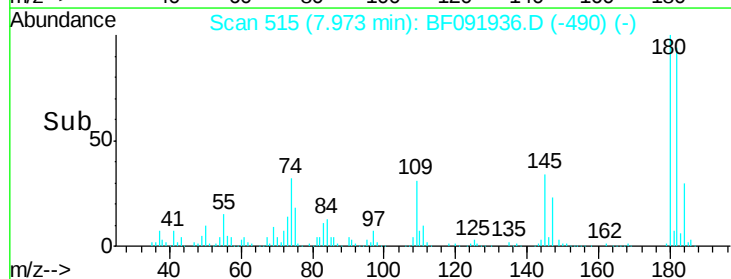
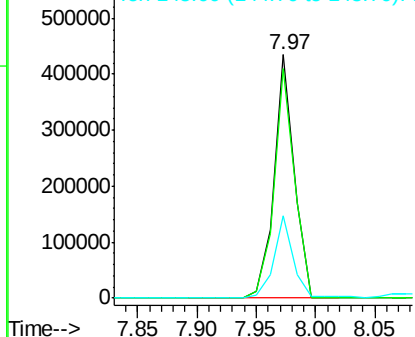


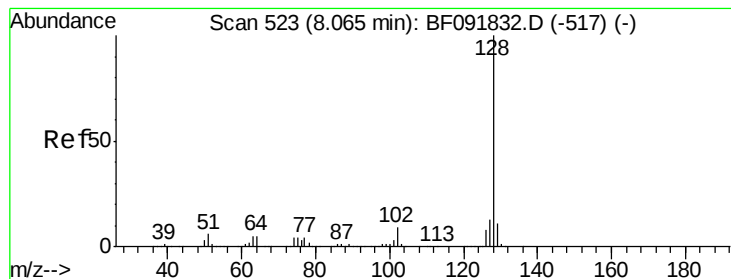
#30
 1,2,4-Trichlorobenzene
 Concen: 41.28 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.4
145	33.8	21.6	32.4



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





#31

Naphthalene

Concen: 41.81 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

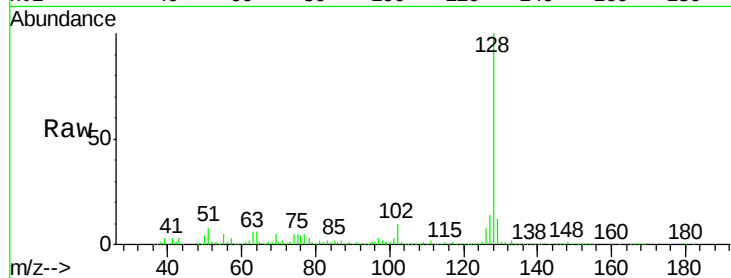
Tgt Ion:128 Resp: 1630077

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

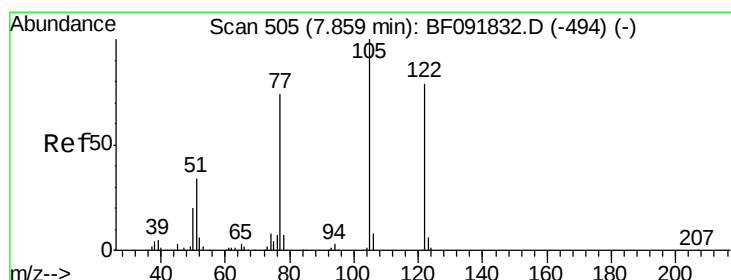
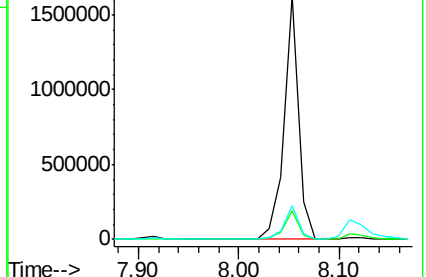
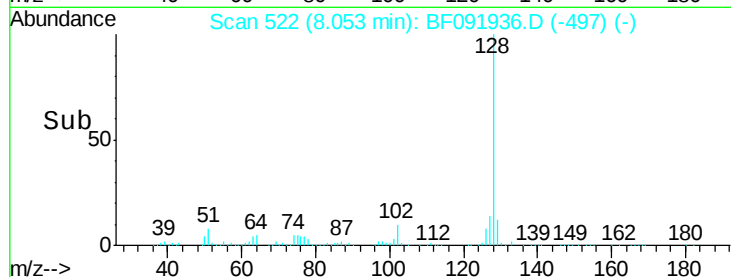
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.64 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

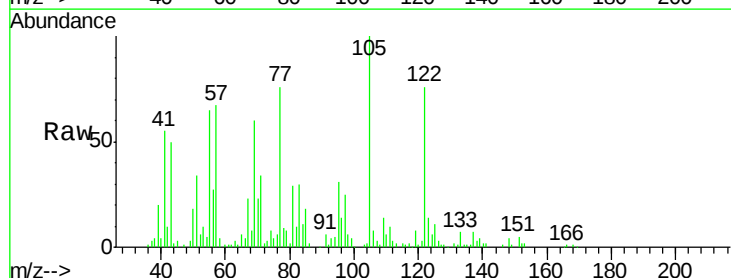
Tgt Ion:122 Resp: 174613

Ion Ratio Lower Upper

122 100

105 131.3 107.2 147.2

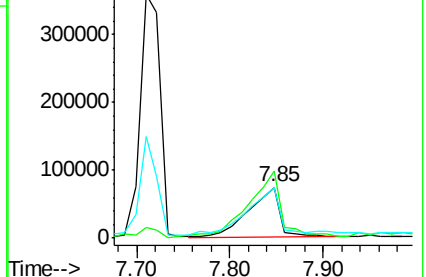
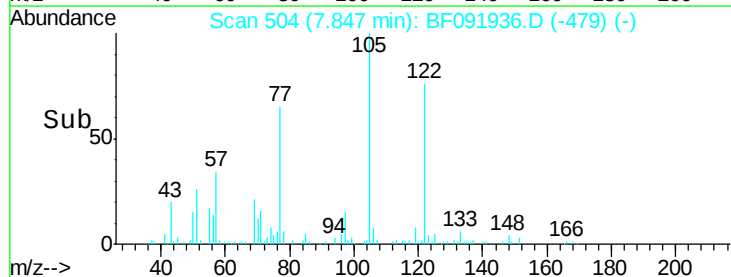
77 100.2 74.5 114.5

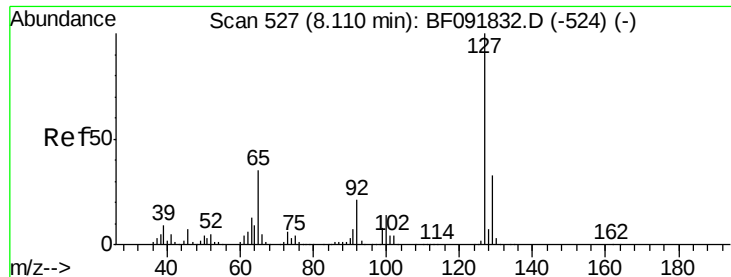


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

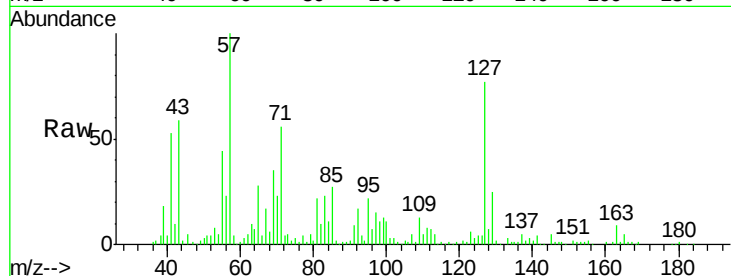




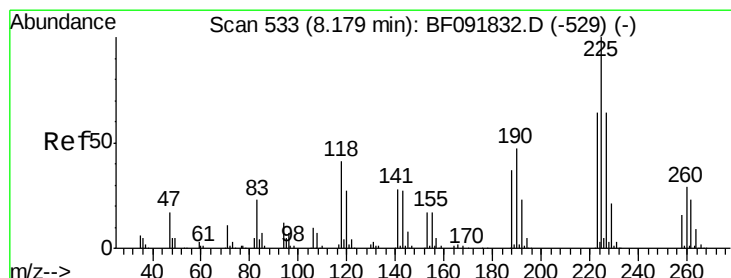
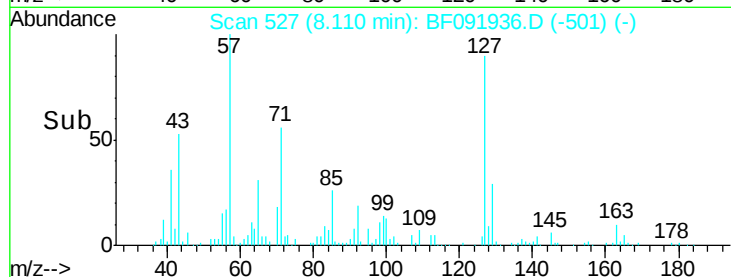
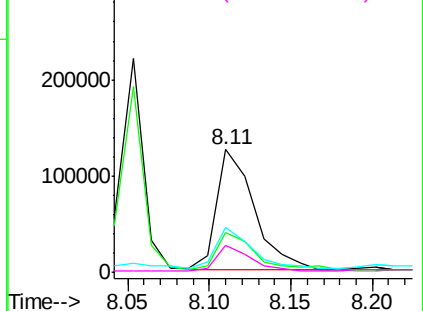
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion:	127	Resp:	199579
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	37.0	25.8	38.8
92	21.7	16.1	24.1

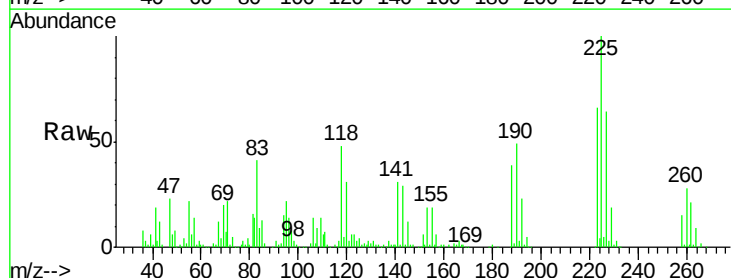


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

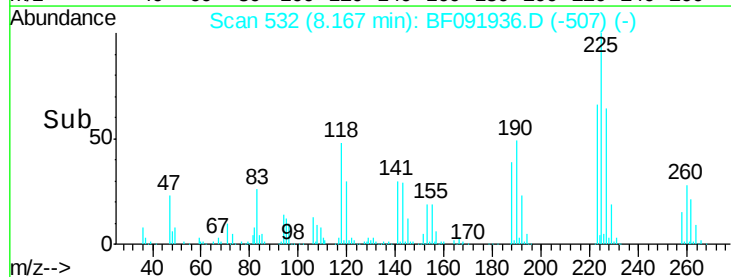
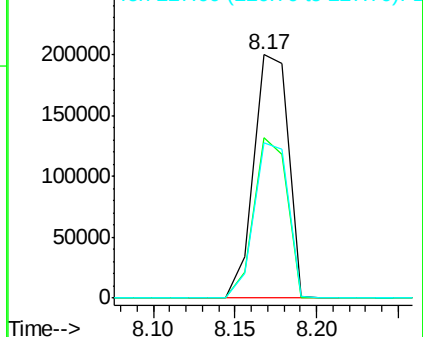


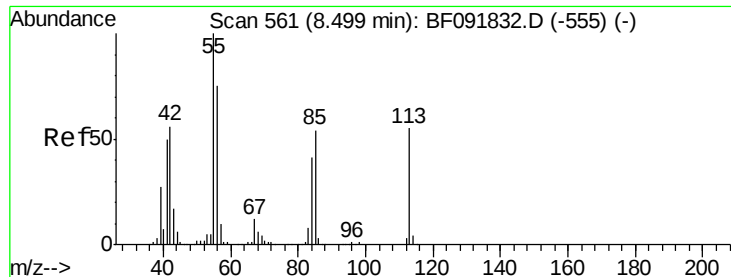
#34
Hexachlorobutadiene
Concen: 44.82 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:	225	Resp:	292987
Ion	Ratio	Lower	Upper
225	100		
223	65.6	51.0	76.6
227	64.0	50.6	76.0



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

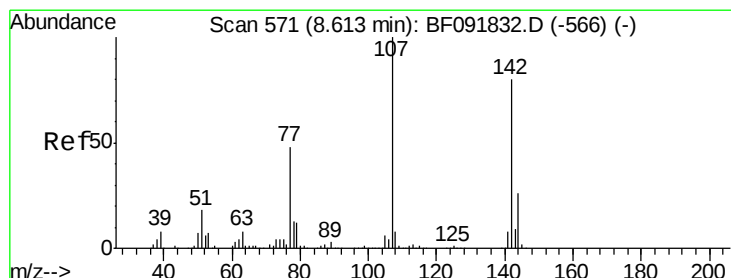
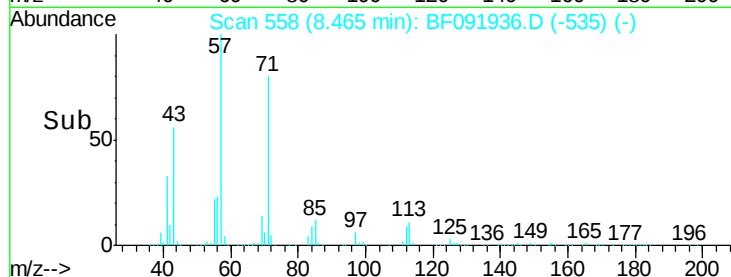
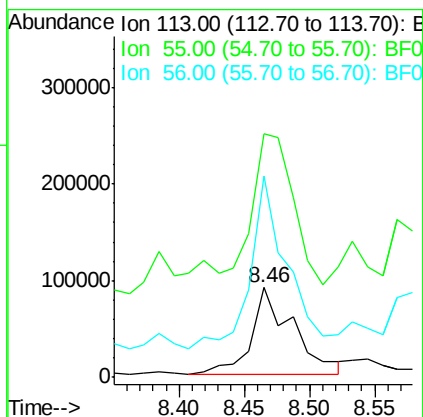
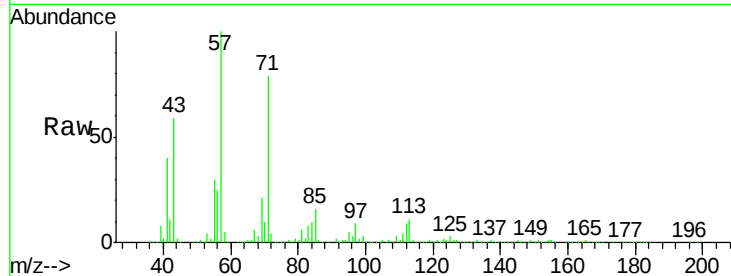




#35
 Caprolactam
 Concen: 54.10 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

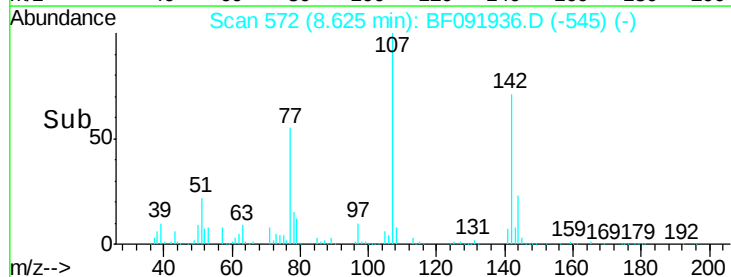
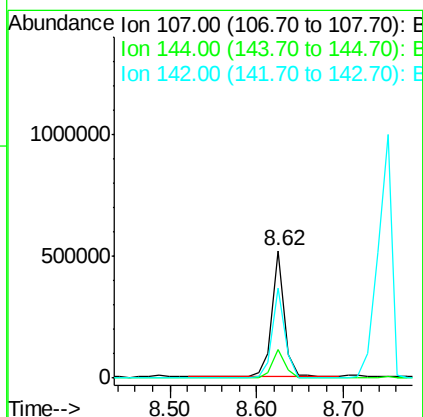
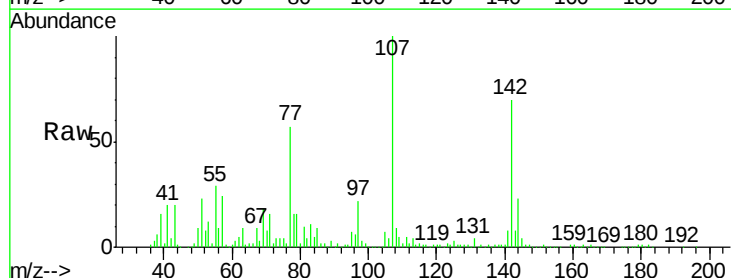
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

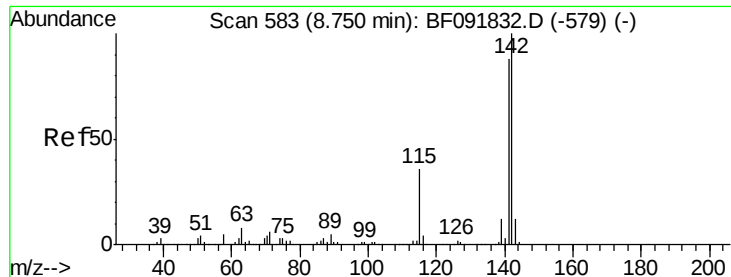
Tgt Ion:113 Resp: 200901
 Ion Ratio Lower Upper
 113 100
 55 270.7 119.2 159.2#
 56 224.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.74 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:107 Resp: 516801
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 70.4 59.0 88.6

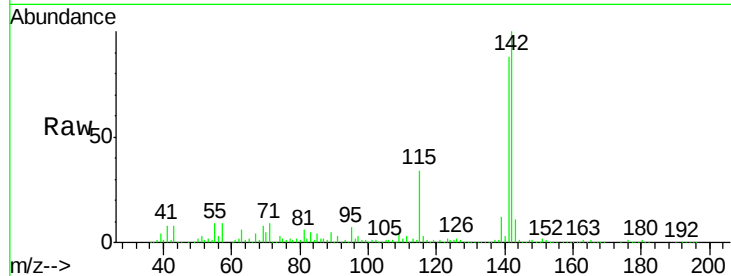




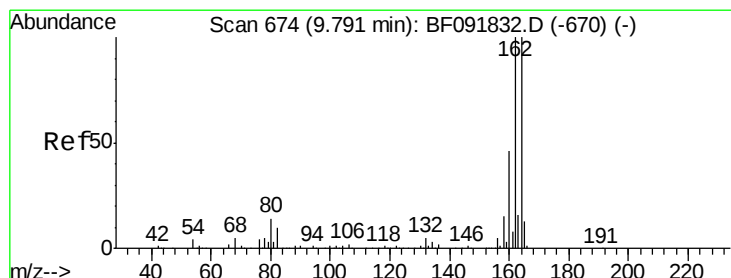
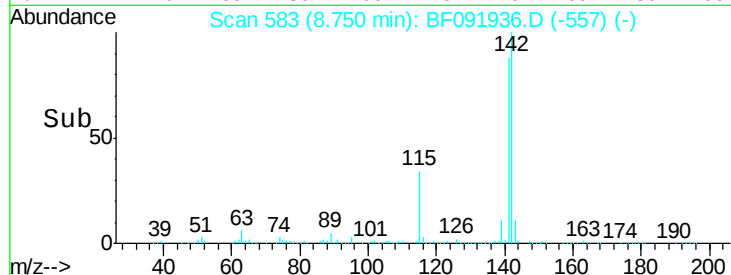
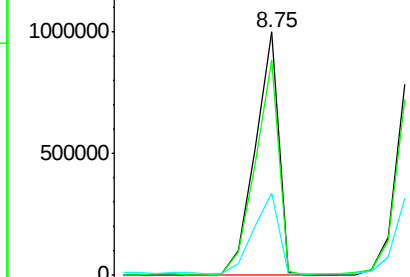
#37
2-Methylnaphthalene
Concen: 49.22 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion:142 Resp: 1123598
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 33.8 28.3 42.5

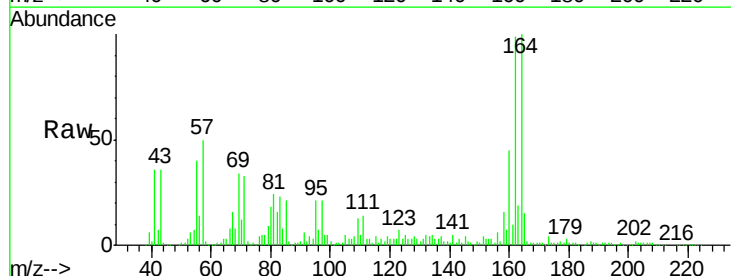


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

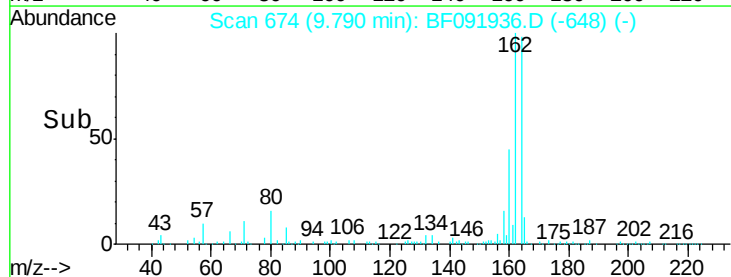
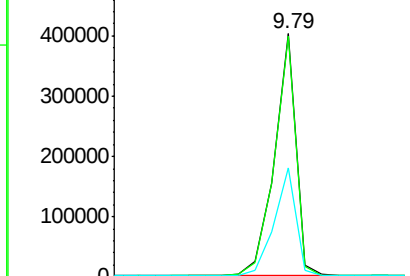


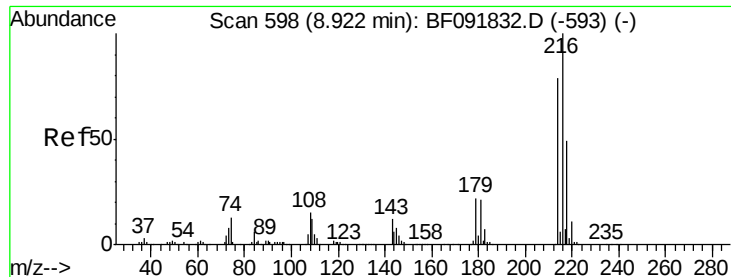
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:164 Resp: 407851
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.2
160 44.8 36.9 55.3



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

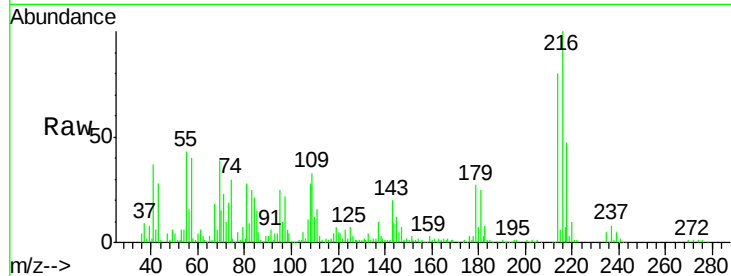




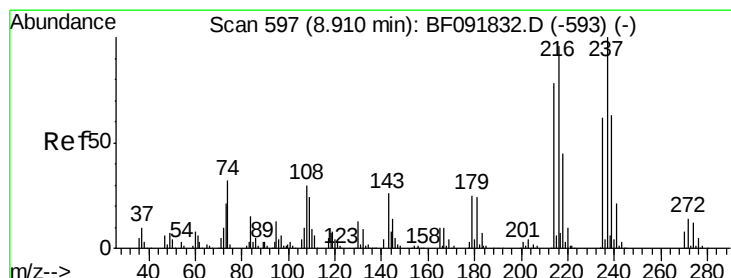
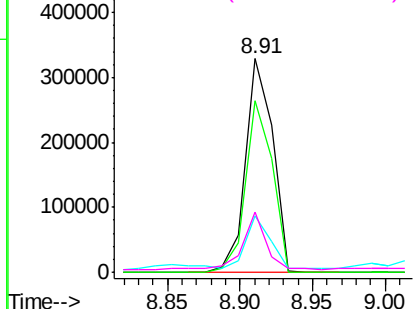
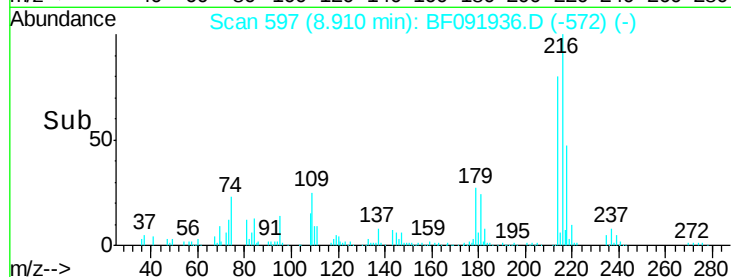
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.43 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion:	216	Resp:	426897
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.7	17.4	26.2
108	23.3	15.6	23.4

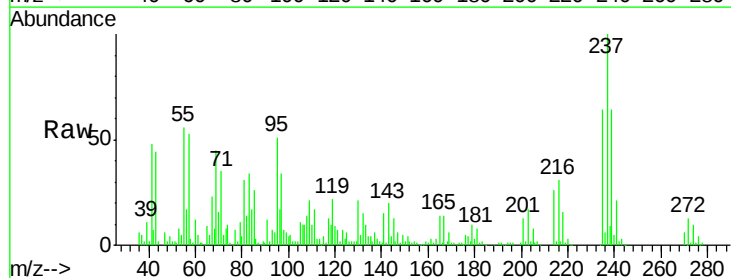


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

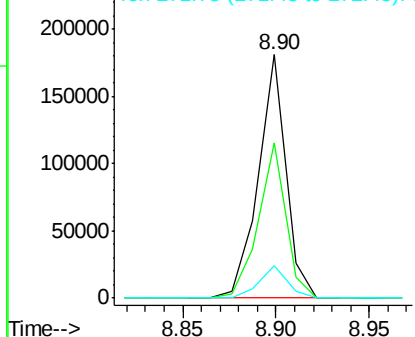
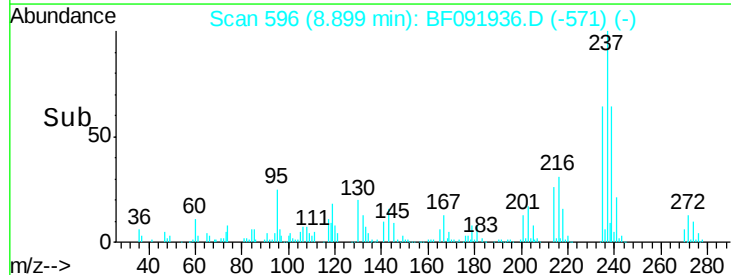


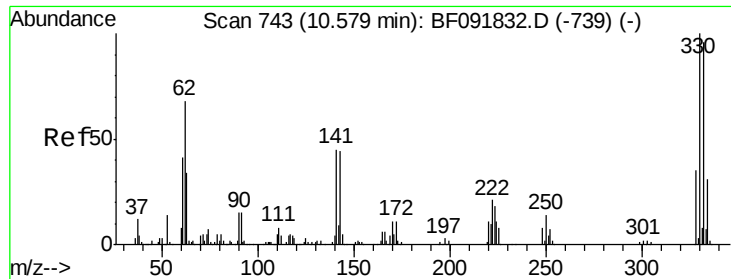
#40
 Hexachlorocyclopentadiene
 Concen: 42.44 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:	237	Resp:	185738
Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.2	81.2
272	13.1	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

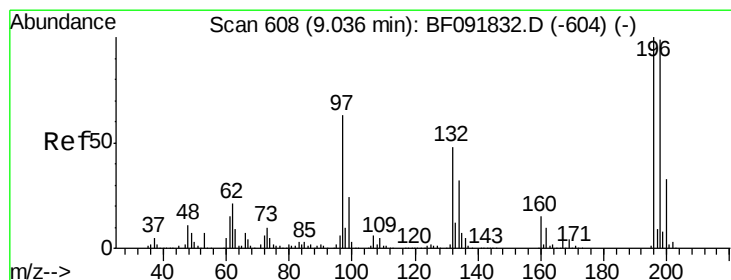
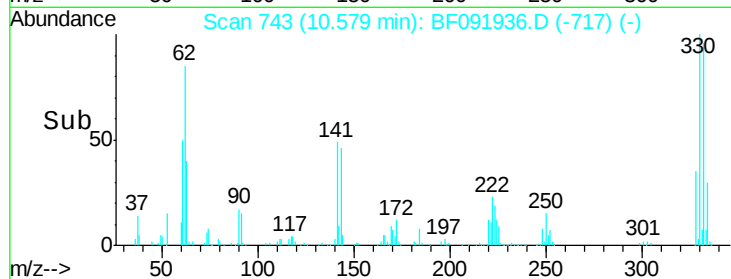
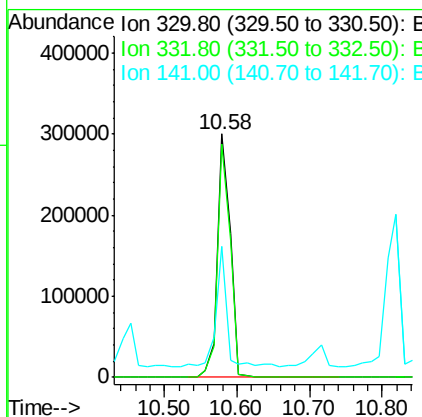
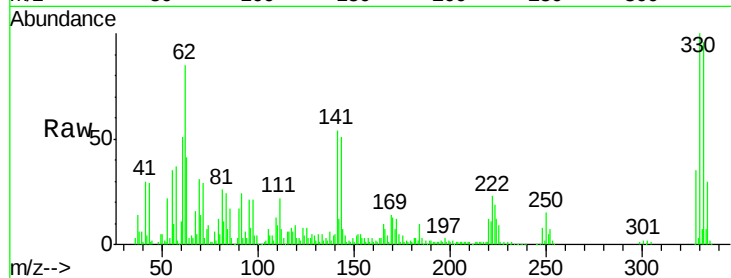




#41
 2,4,6-Tribromophenol
 Concen: 109.33 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

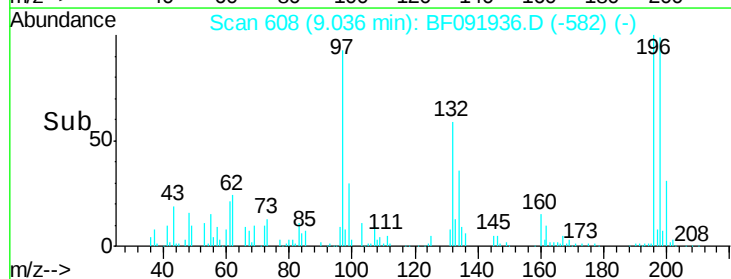
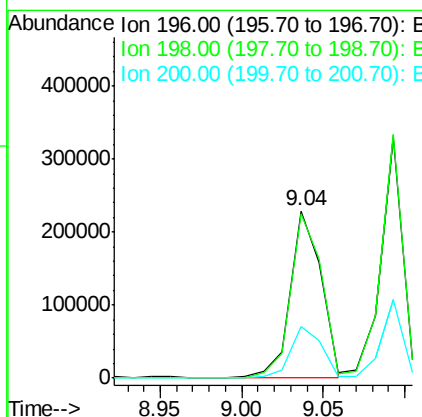
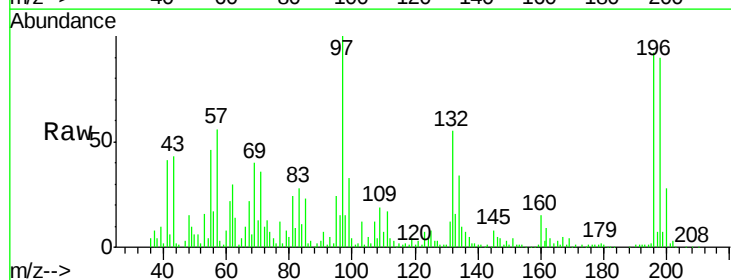
Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

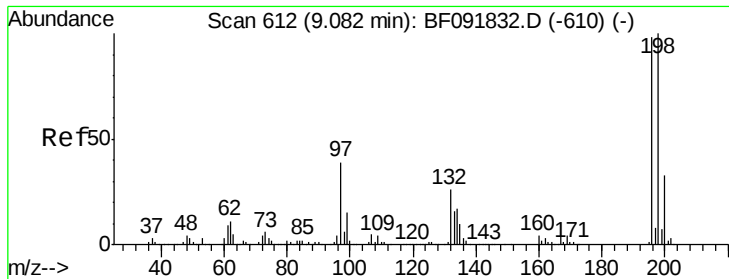
Tgt Ion:330 Resp: 369002
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 41.8 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.40 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:196 Resp: 298338
 Ion Ratio Lower Upper
 196 100
 198 98.7 82.1 123.1
 200 31.0 27.0 40.4

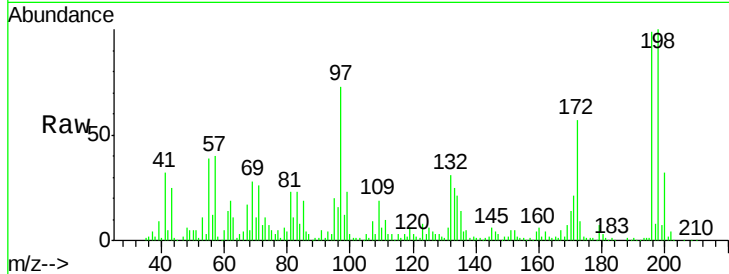




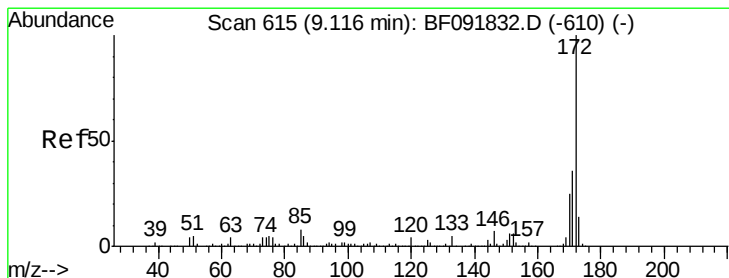
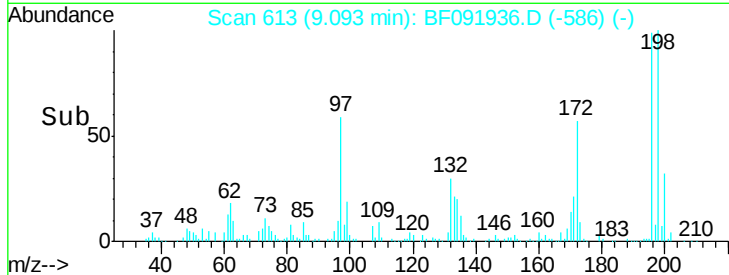
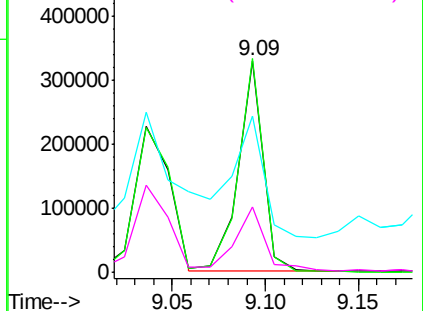
#43
2,4,5-Trichlorophenol
Concen: 41.39 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion:196 Resp: 306961
Ion Ratio Lower Upper
196 100
198 101.1 79.4 119.2
97 74.1 51.5 77.3
132 30.9 27.4 41.2

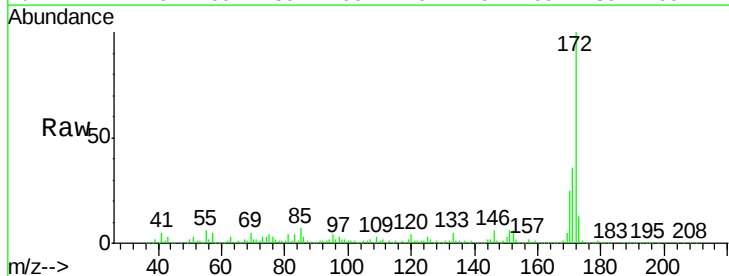


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

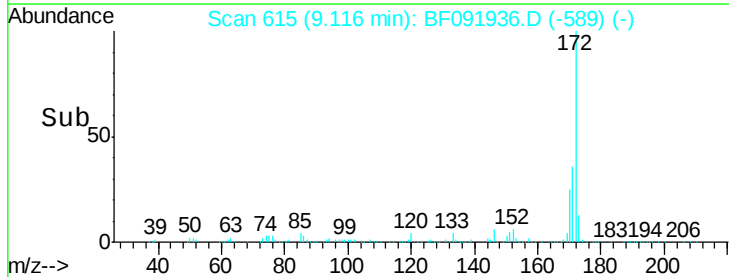
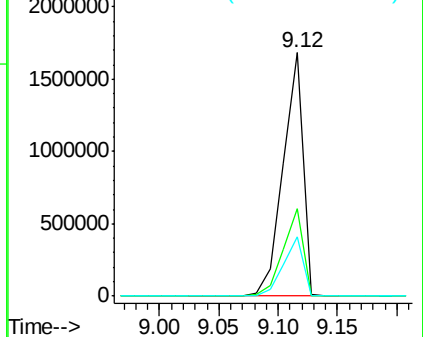


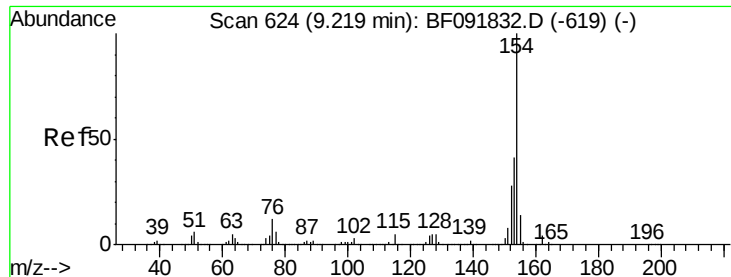
#44
2-Fluorobiphenyl
Concen: 99.49 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:172 Resp: 1936640
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.6 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 42.41 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampled :

H6058-05MS

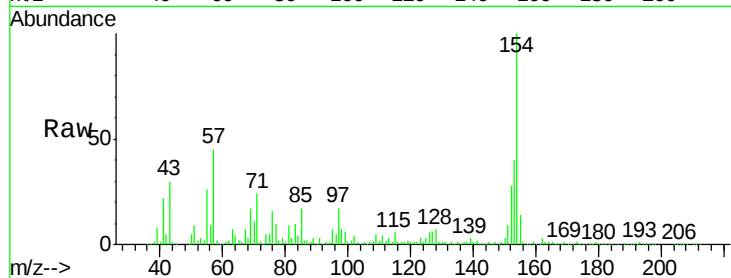
Tgt Ion:154 Resp: 1184200

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

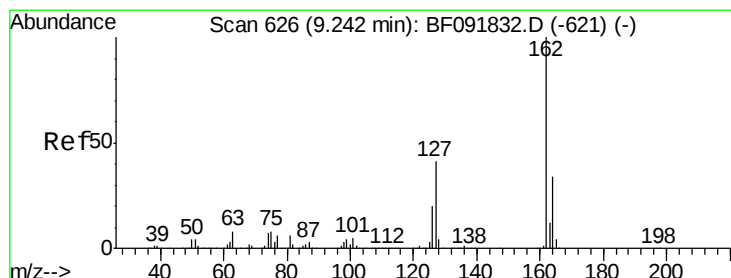
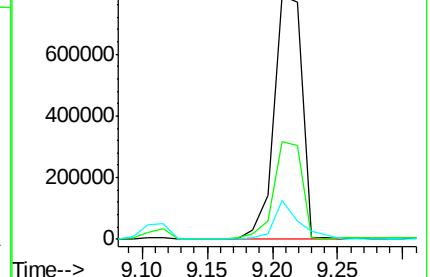
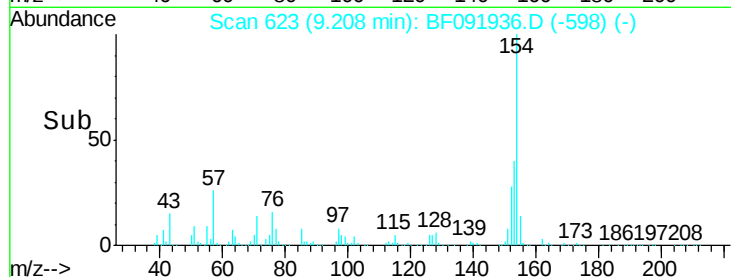
76 15.7 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.62 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

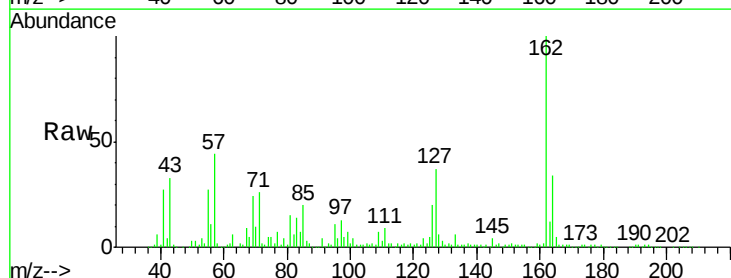
Tgt Ion:162 Resp: 920431

Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

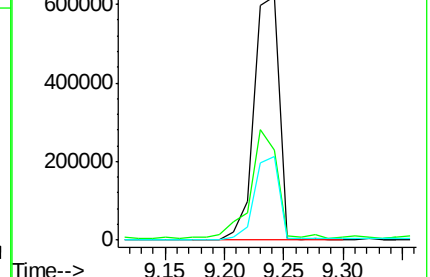
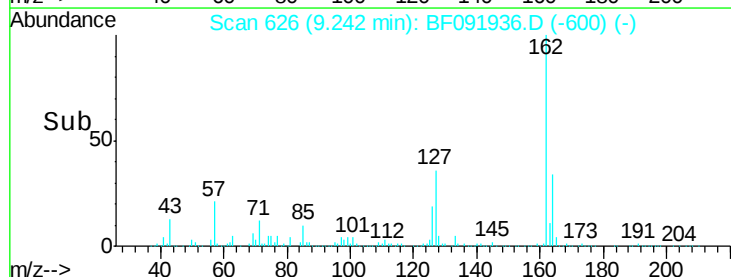
164 34.2 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

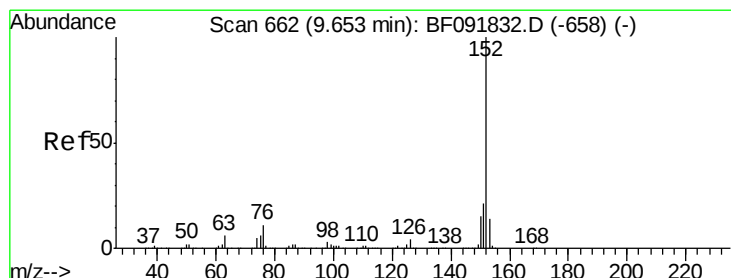
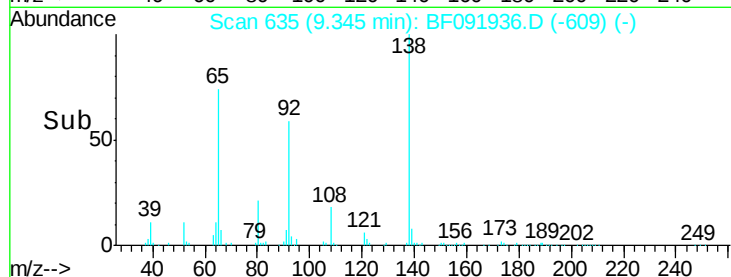
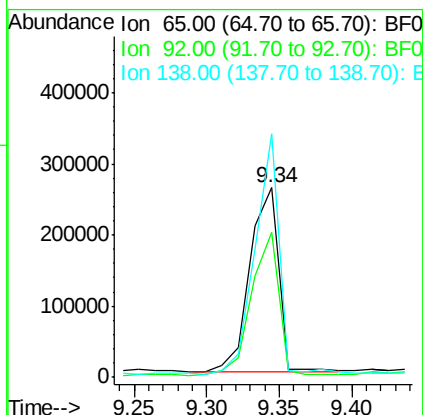
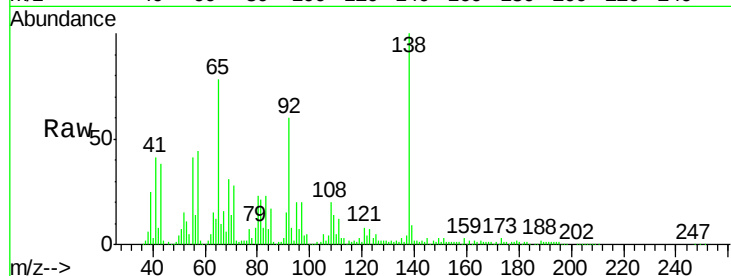




#47
2-Nitroaniline
Concen: 44.81 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

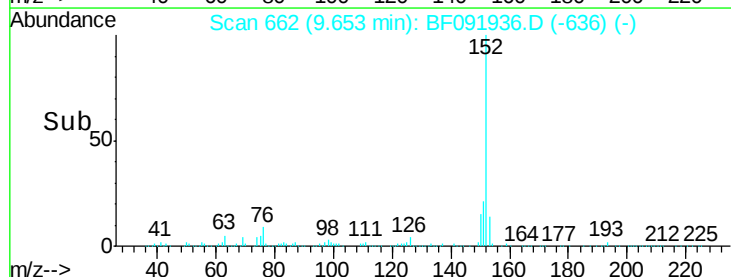
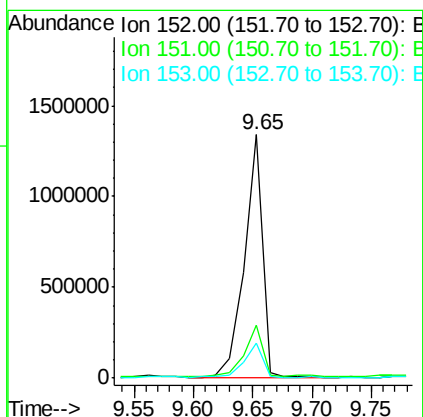
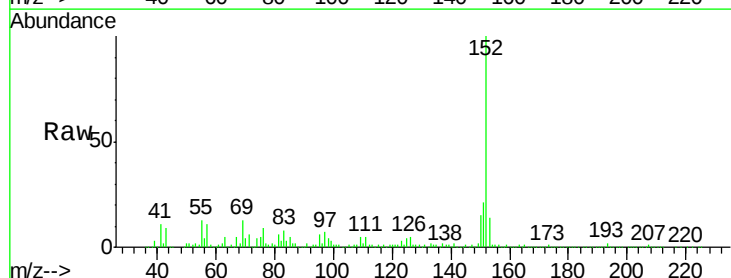
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

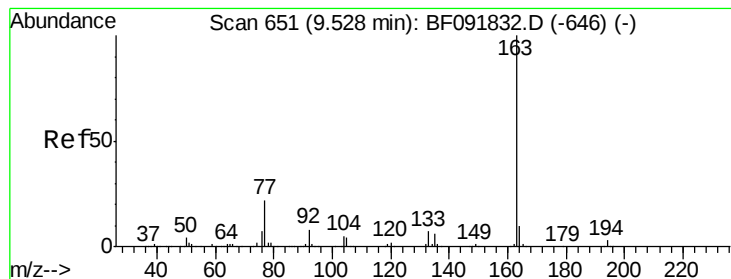
Tgt Ion: 65 Resp: 352859
Ion Ratio Lower Upper
65 100
92 76.6 53.9 80.9
138 128.4 76.8 115.2#



#48
Acenaphthylene
Concen: 41.85 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 152 Resp: 1423341
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 45.21 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

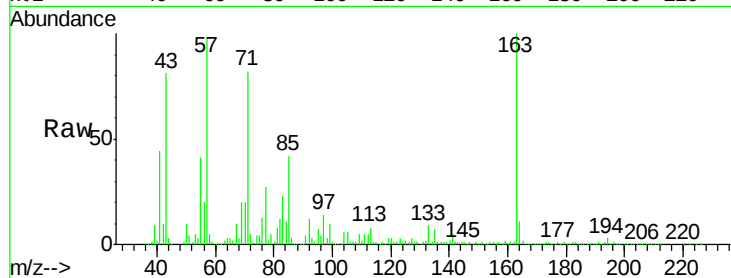
Tgt Ion:163 Resp: 1179224

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

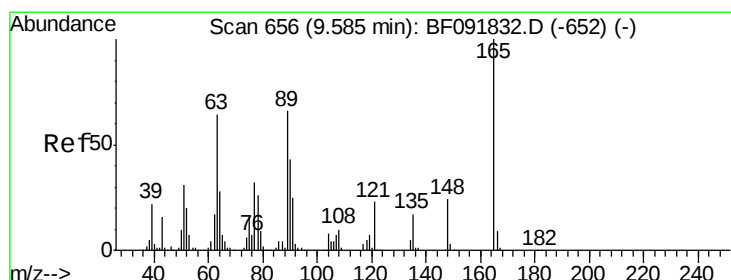
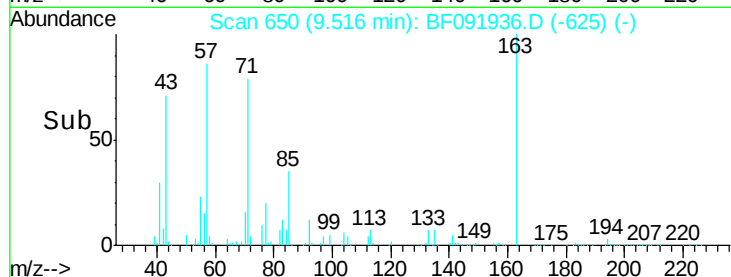
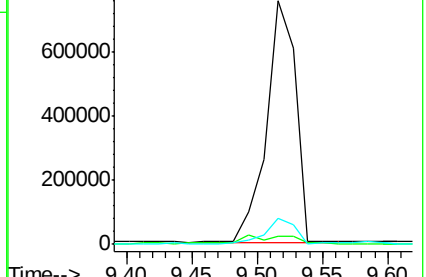
164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.04 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

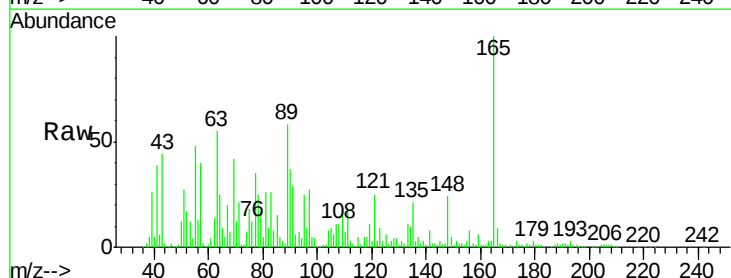
Tgt Ion:165 Resp: 262885

Ion Ratio Lower Upper

165 100

63 54.7 36.2 54.4#

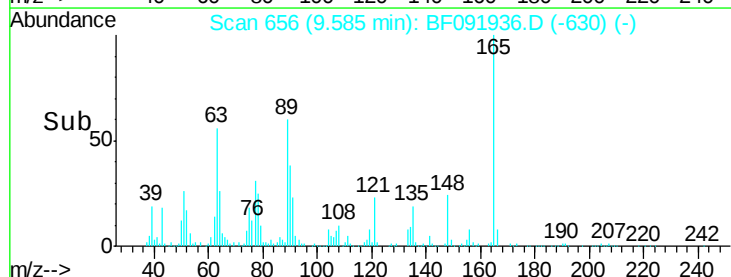
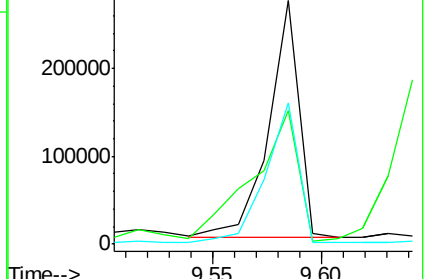
89 58.1 40.2 60.4

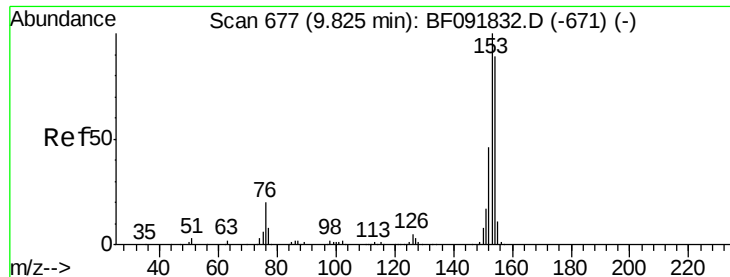


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.44 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

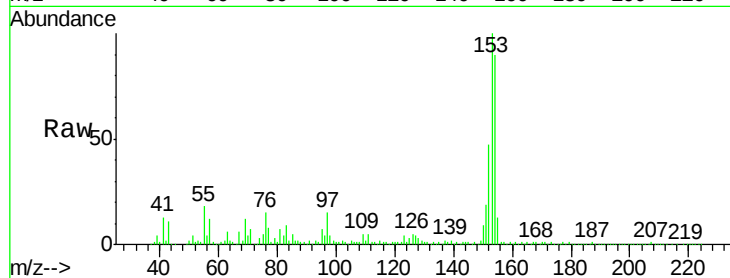
Tgt Ion:154 Resp: 932401

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

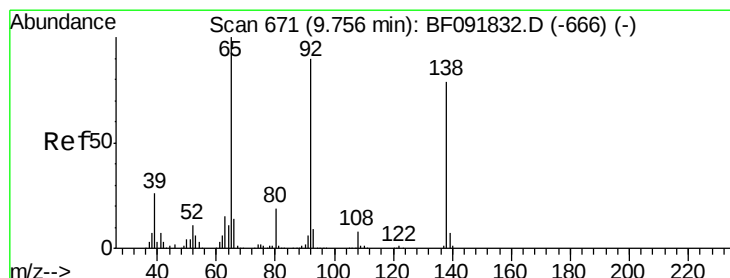
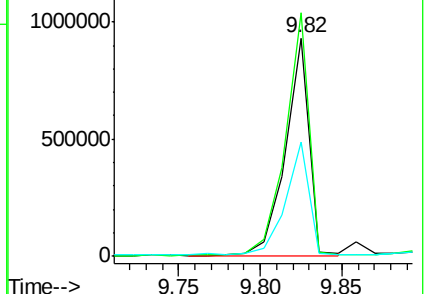
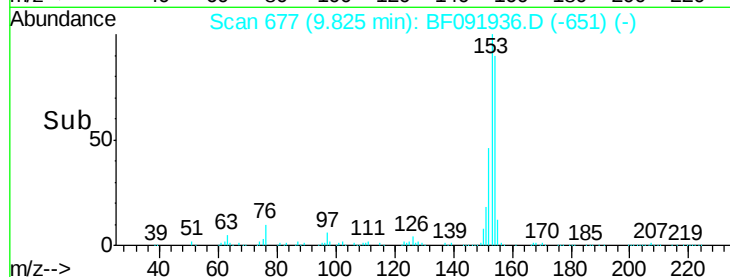
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.38 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

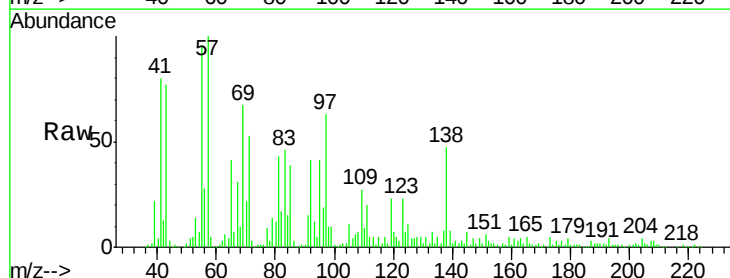
Tgt Ion:138 Resp: 151100

Ion Ratio Lower Upper

138 100

108 15.3 8.5 12.7#

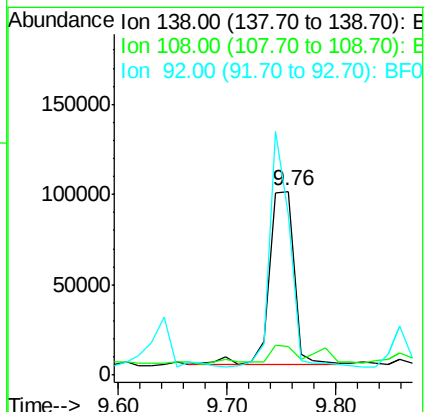
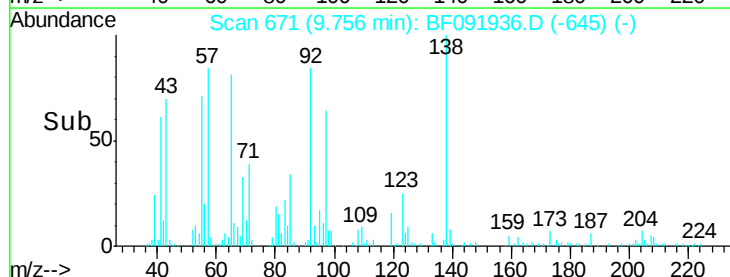
92 87.2 97.8 146.8#

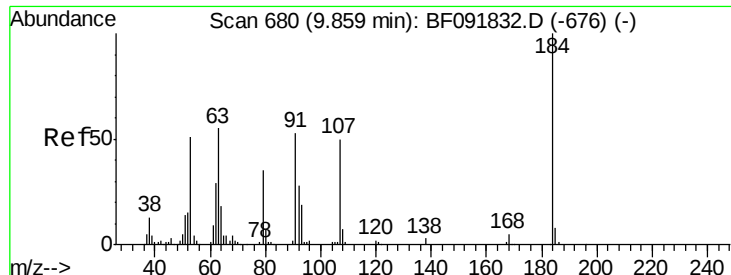


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

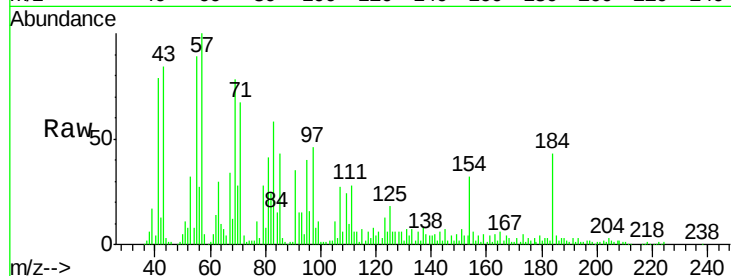




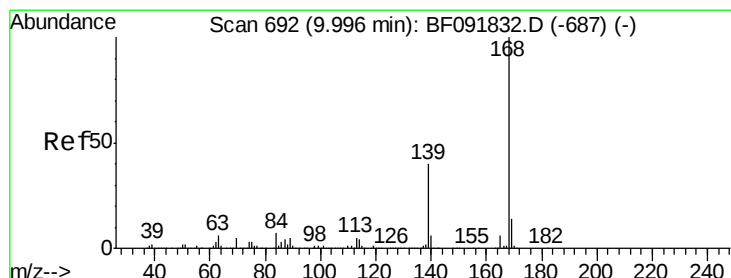
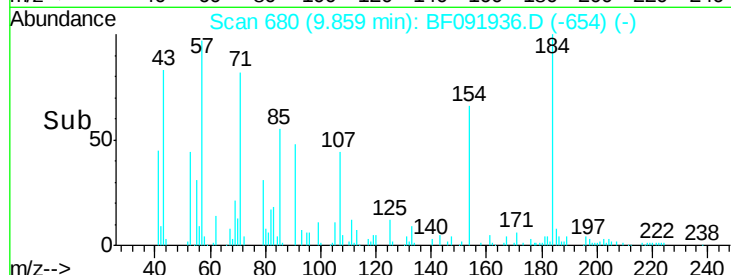
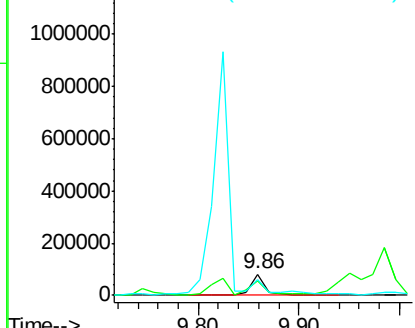
#53
 2,4-Dinitrophenol
 Concen: 25.63 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion:184 Resp: 81432
 Ion Ratio Lower Upper
 184 100
 63 68.8 28.4 42.6#
 154 74.5 44.3 66.5#

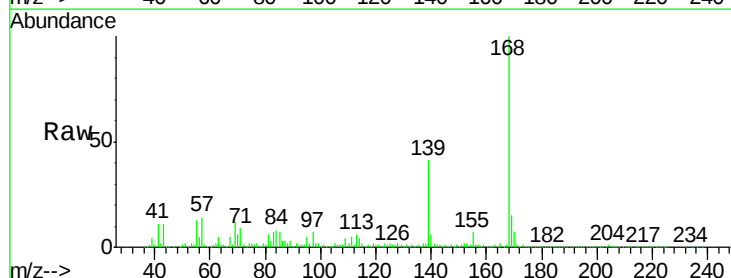


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

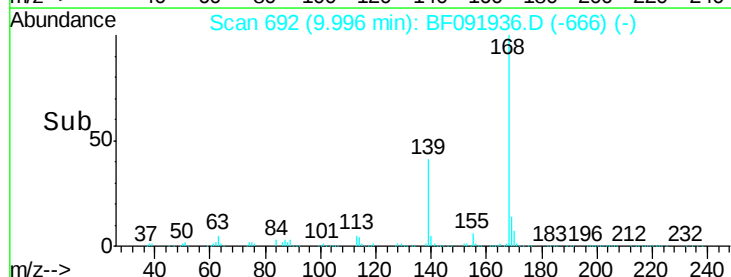
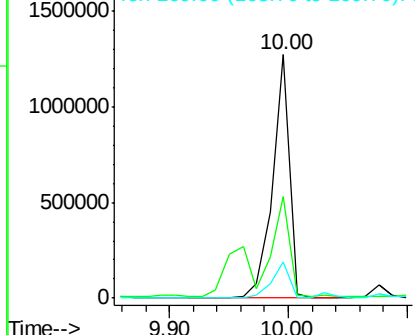


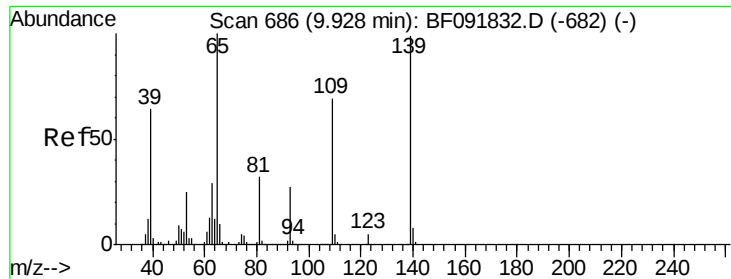
#54
 Dibenzofuran
 Concen: 40.29 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:168 Resp: 1254716
 Ion Ratio Lower Upper
 168 100
 139 41.4 32.6 49.0
 169 14.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

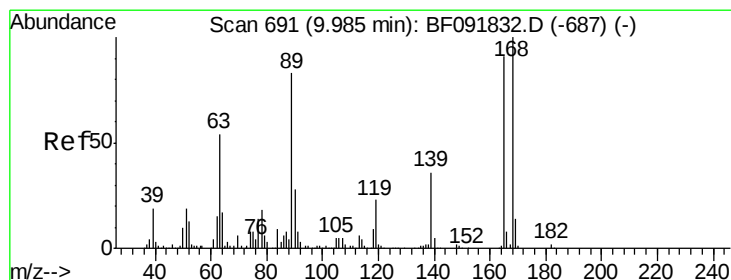
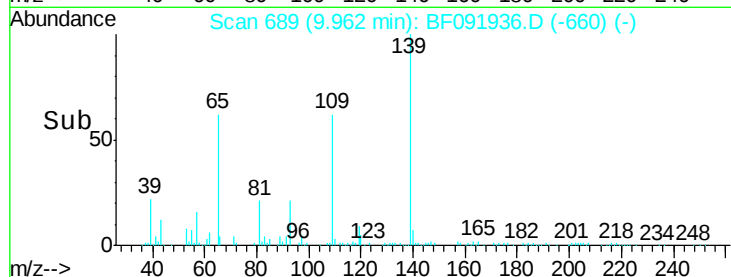
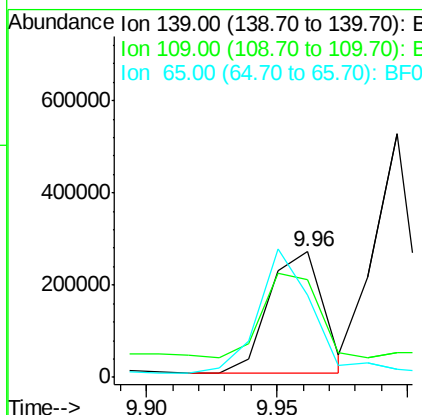
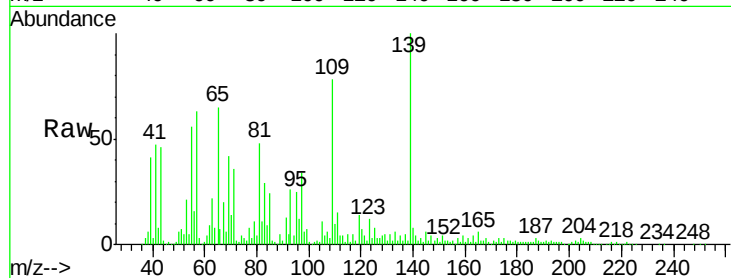




#55
4-Nitrophenol
Concen: 79.76 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.03 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

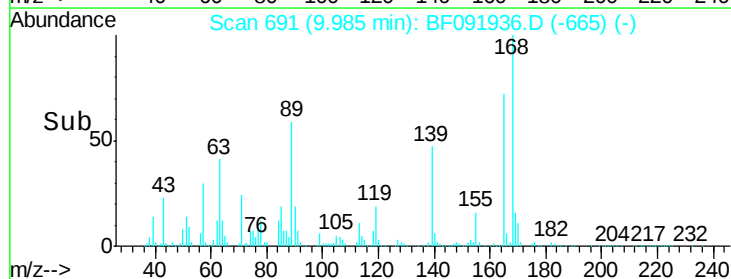
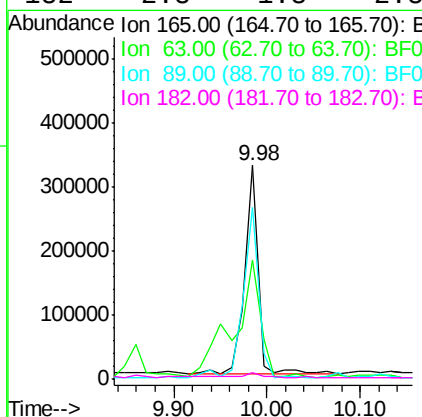
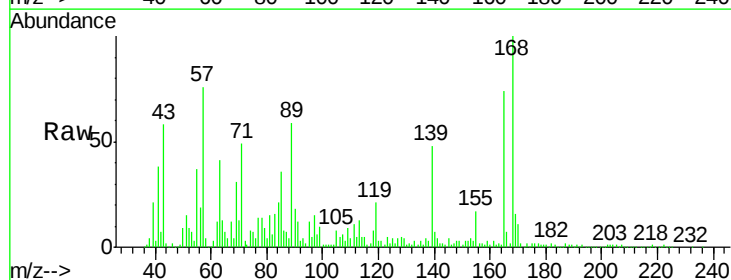
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

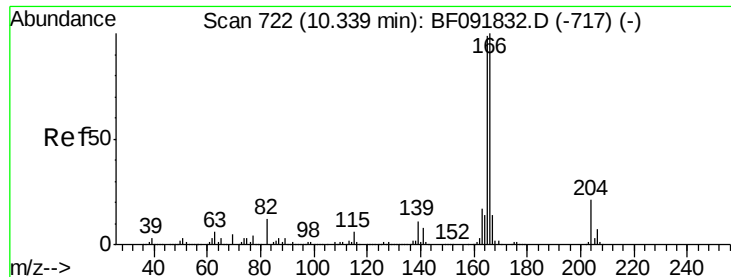
Tgt Ion:139 Resp: 382628
Ion Ratio Lower Upper
139 100
109 78.0 52.2 92.2
65 65.3 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 45.03 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:165 Resp: 322674
Ion Ratio Lower Upper
165 100
63 55.5 40.2 60.4
89 80.2 62.5 93.7
182 2.8 1.8 2.8#

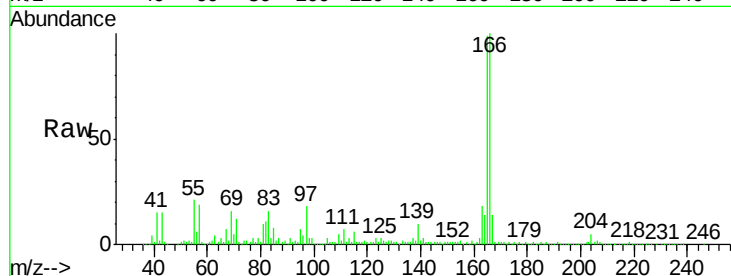




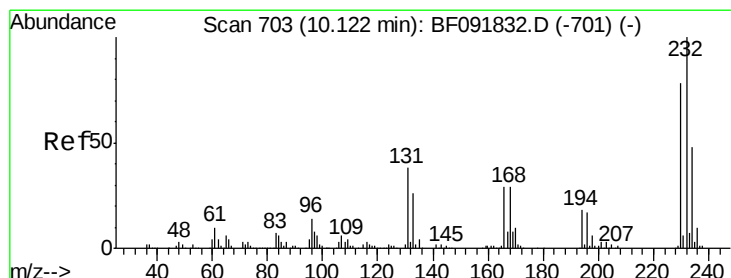
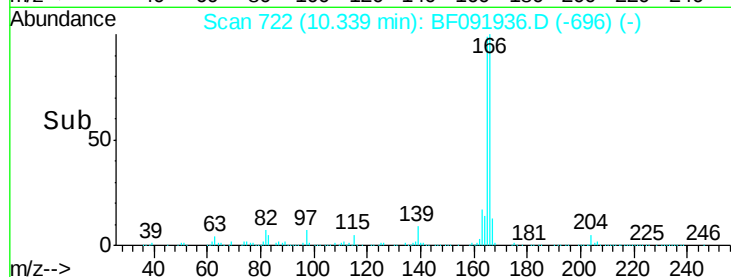
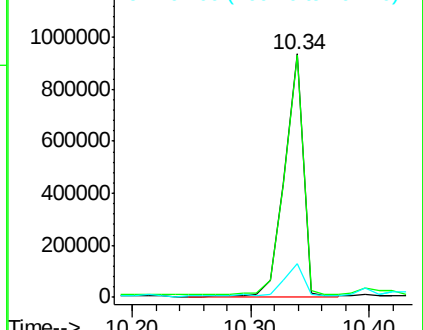
#57
Fluorene
 Concen: 44.09 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion:166 Resp: 998781
 Ion Ratio Lower Upper
 166 100
 165 99.5 77.8 116.8
 167 13.9 10.8 16.2

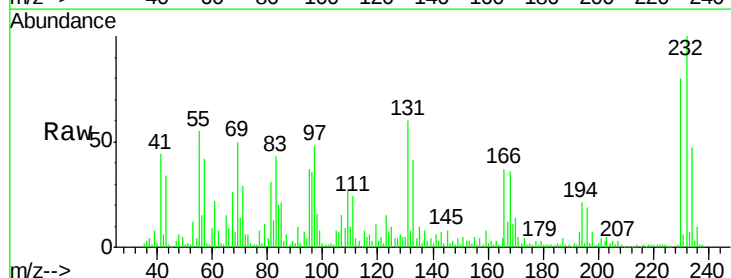


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

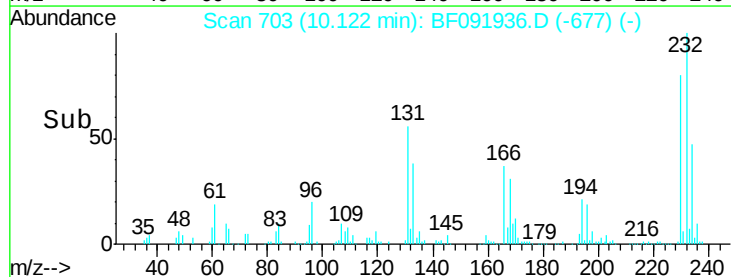
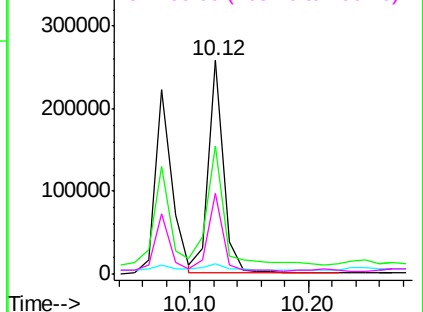


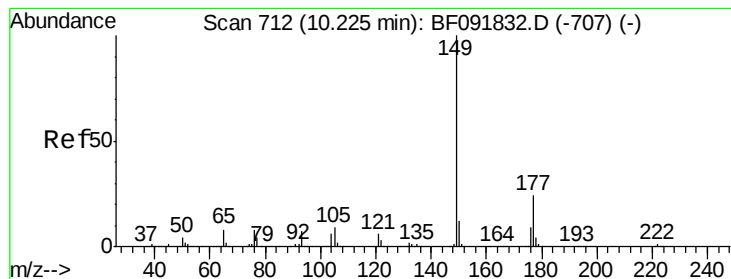
#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.09 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:232 Resp: 229287
 Ion Ratio Lower Upper
 232 100
 131 64.3 40.1 60.1#
 130 5.0 1.8 2.8#
 166 34.1 26.6 39.8



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





#59

Diethylphthalate

Concen: 39.50 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

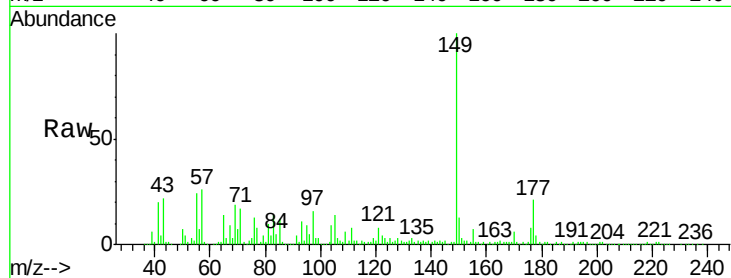
Tgt Ion:149 Resp: 1000617

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

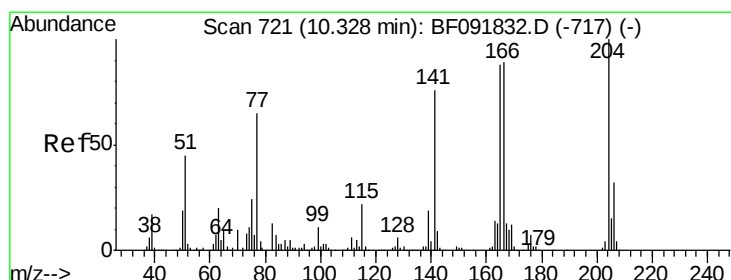
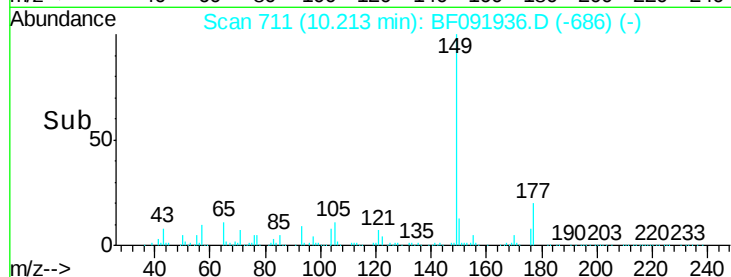
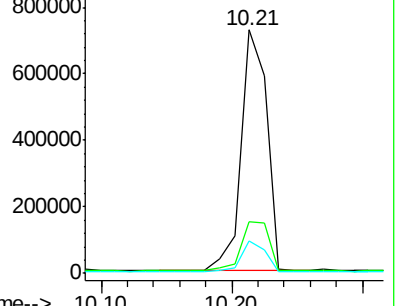
150 13.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

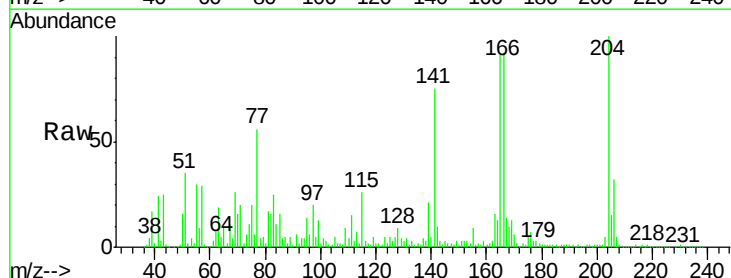
Tgt Ion:204 Resp: 406805

Ion Ratio Lower Upper

204 100

206 32.3 25.8 38.6

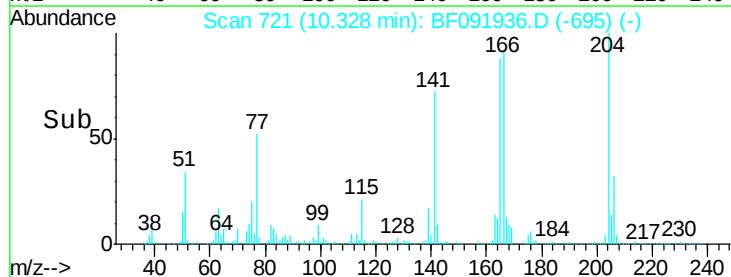
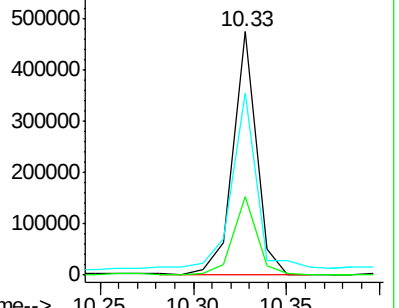
141 74.9 59.4 89.0

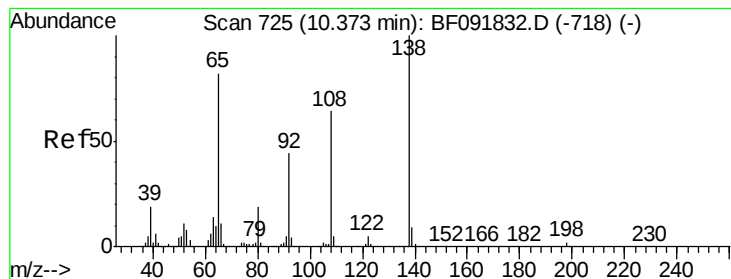


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.77 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

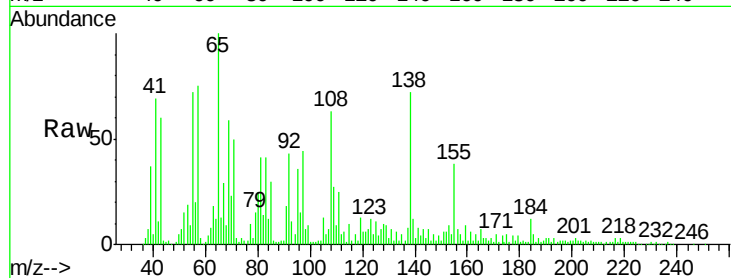
Tgt Ion:138 Resp: 195998

Ion Ratio Lower Upper

138 100

92 59.9 31.7 71.7

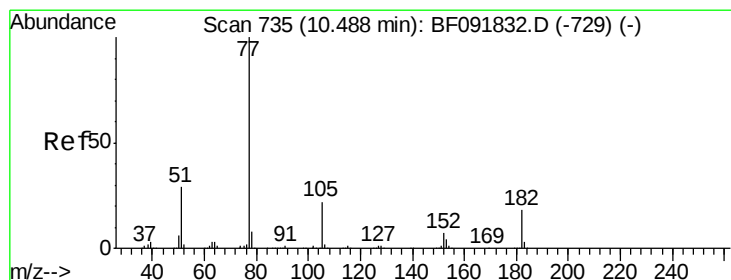
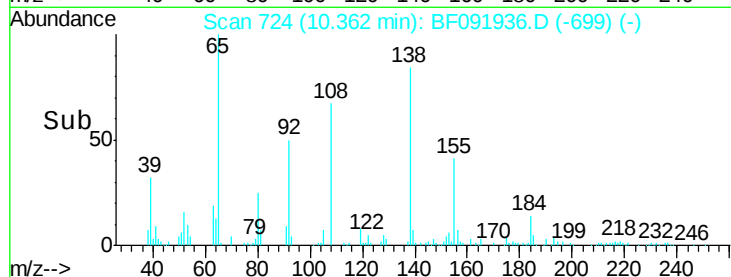
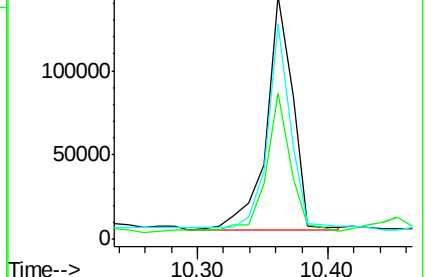
108 88.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.60 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Tgt Ion: 77 Resp: 1160311

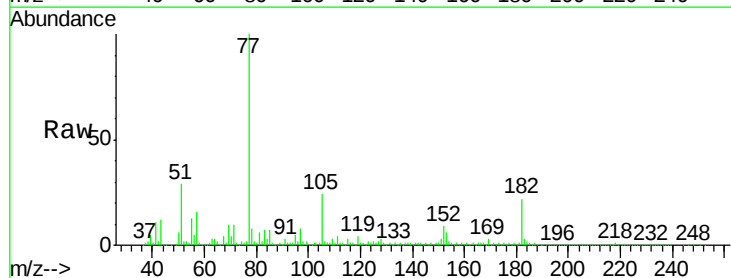
Ion Ratio Lower Upper

77 100

182 21.8 0.0 39.3

105 23.5 2.3 42.3

51 29.2 8.9 48.9

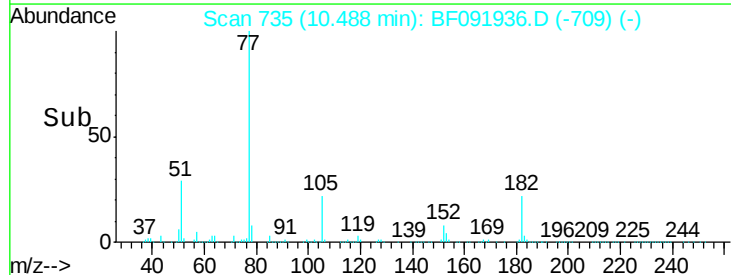
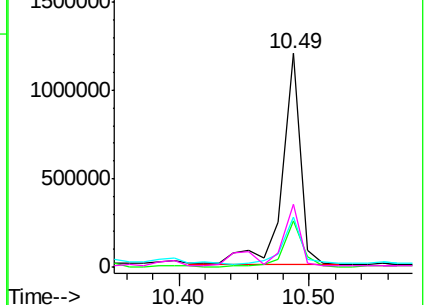


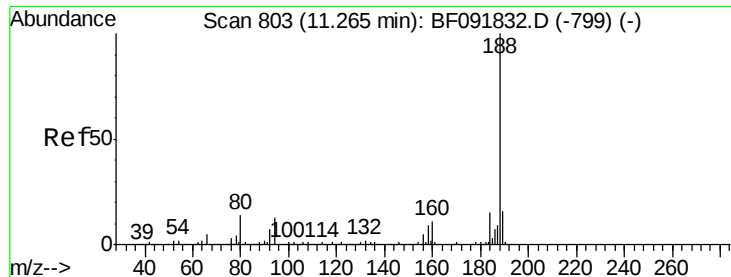
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

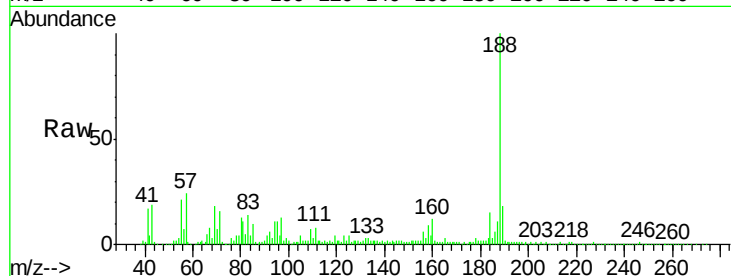




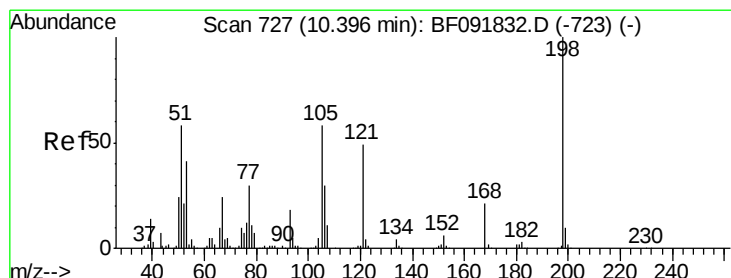
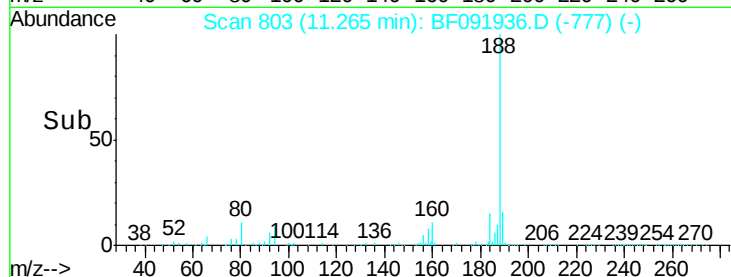
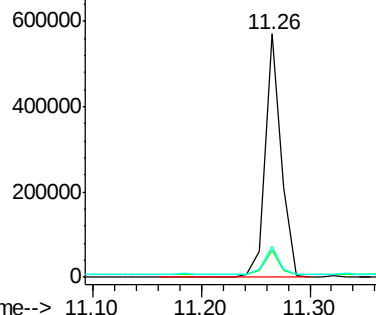
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion:188 Resp: 583227
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 13.0 11.2 16.8

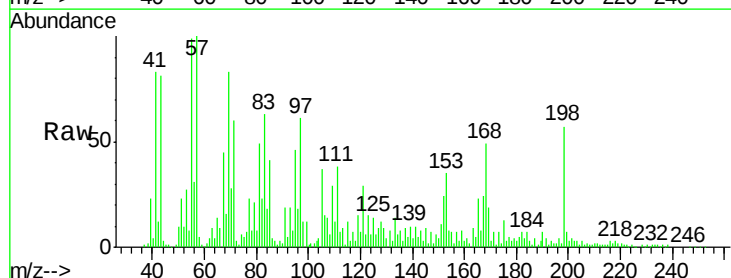


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

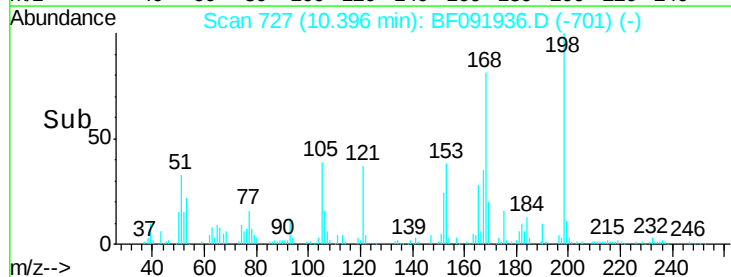
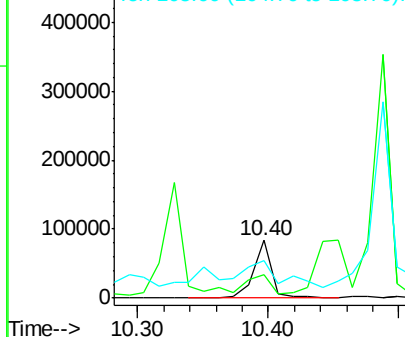


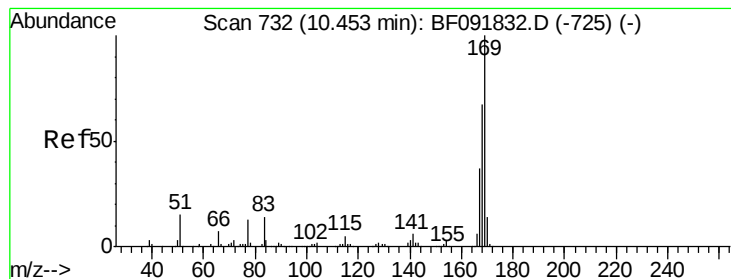
#64
4,6-Dinitro-2-methylphenol
Concen: 22.19 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion:198 Resp: 78245
Ion Ratio Lower Upper
198 100
51 40.7 6.7 46.7
105 64.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.99 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

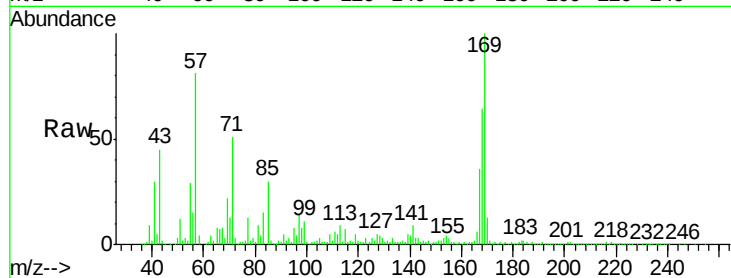
Tgt Ion:169 Resp: 847781

Ion Ratio Lower Upper

169 100

168 64.0 54.2 81.2

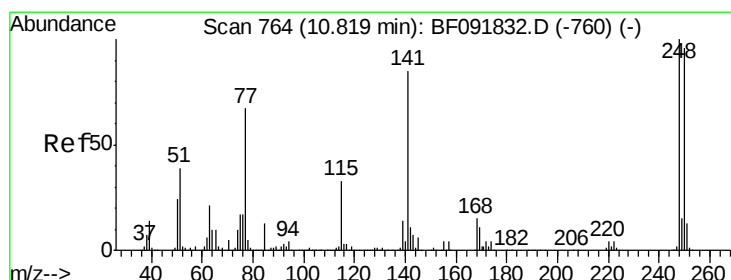
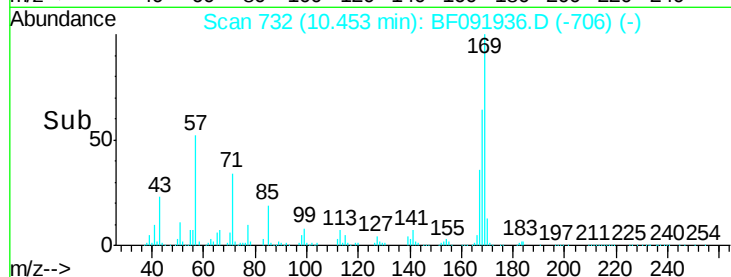
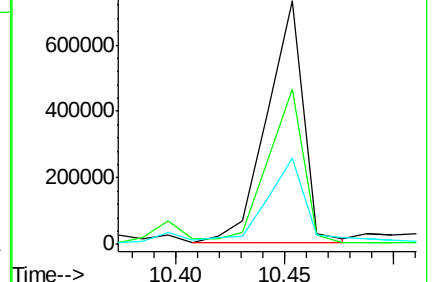
167 35.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.23 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

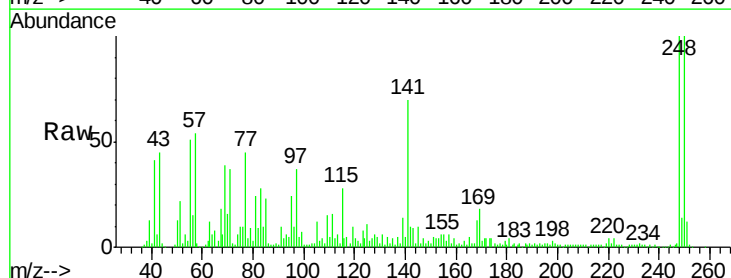
Tgt Ion:248 Resp: 280497

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

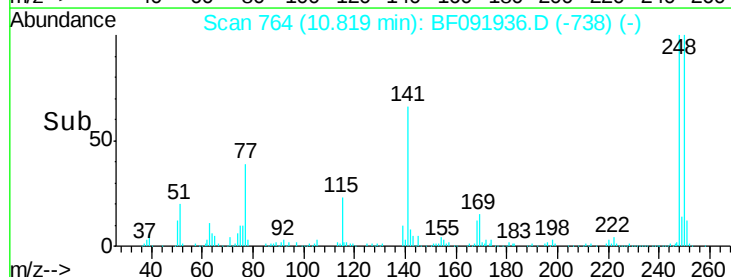
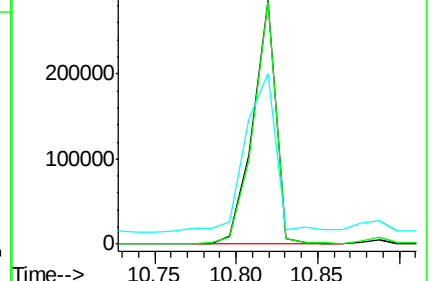
141 70.0 68.2 102.4

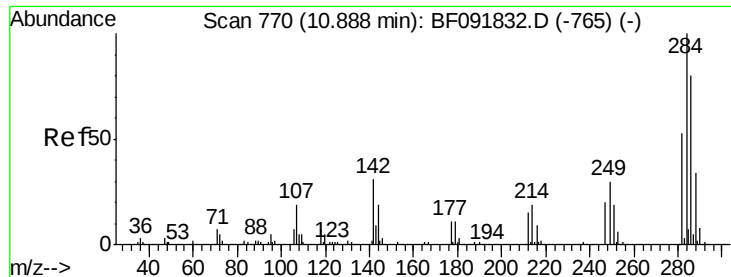


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

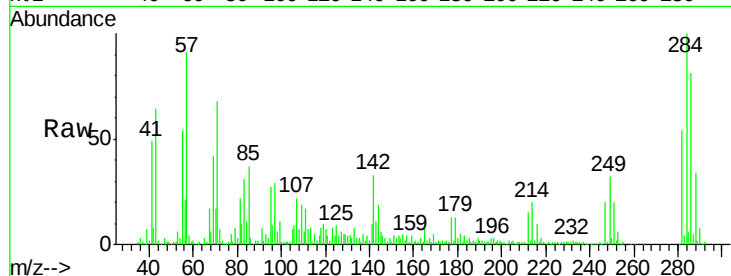




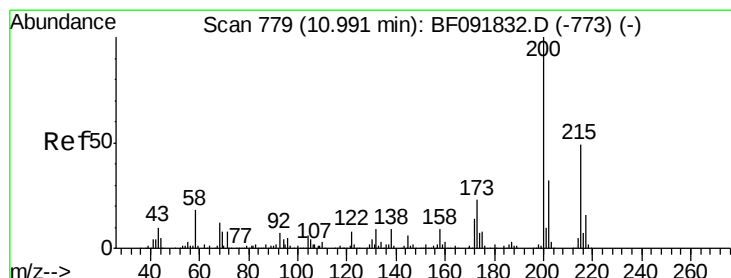
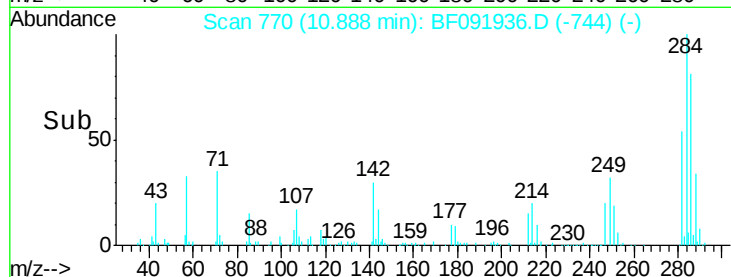
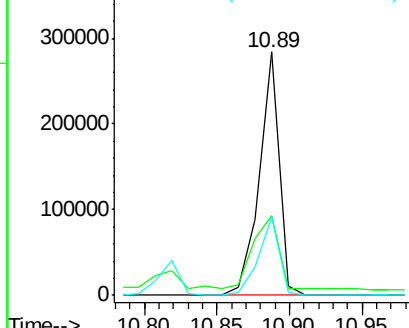
#67
Hexachlorobenzene
Concen: 41.76 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
H6058-05MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.6	33.8
249	32.3	25.4	38.0

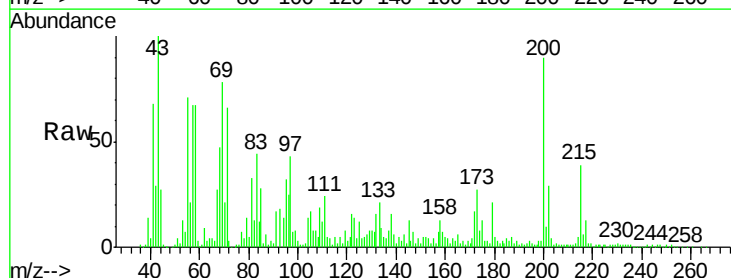


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

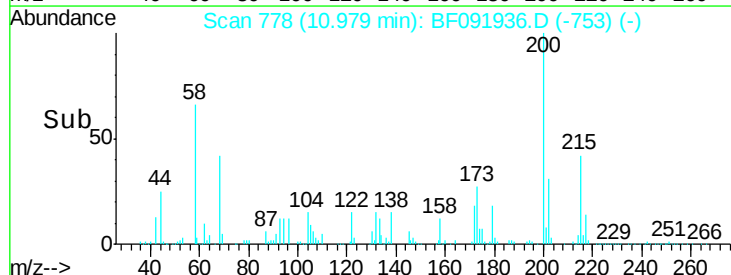
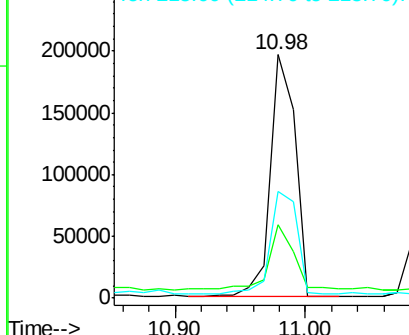


#68
Atrazine
Concen: 46.83 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	9.6	49.6
215	43.6	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

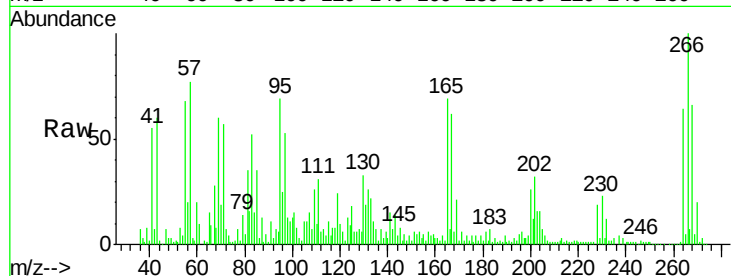




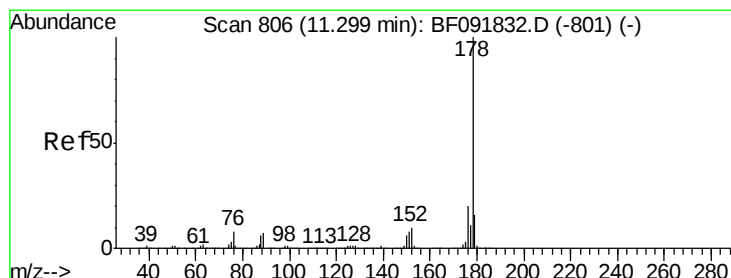
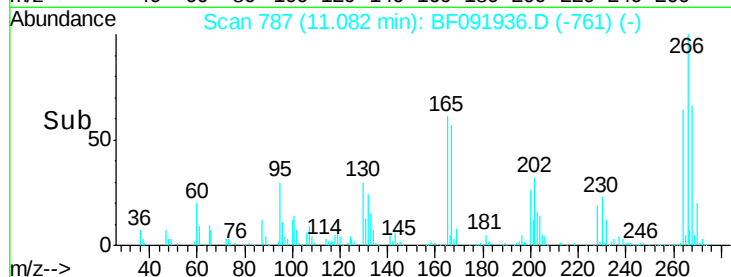
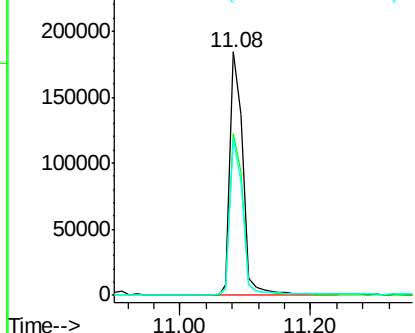
#69
 Pentachlorophenol
 Concen: 78.40 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 H6058-05MS

Tgt Ion:266 Resp: 249459
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 64.4 50.3 75.5

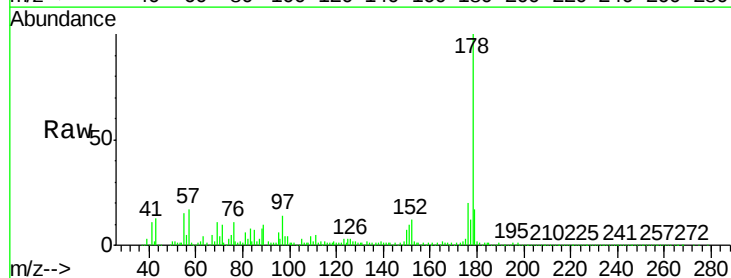


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

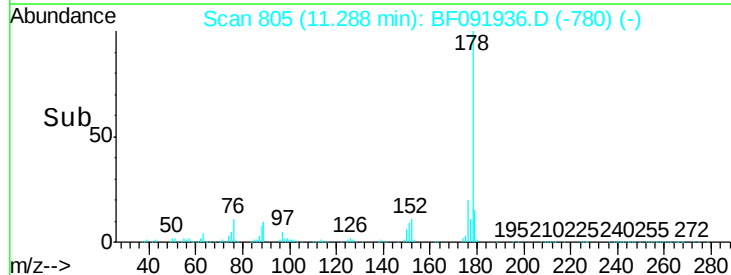
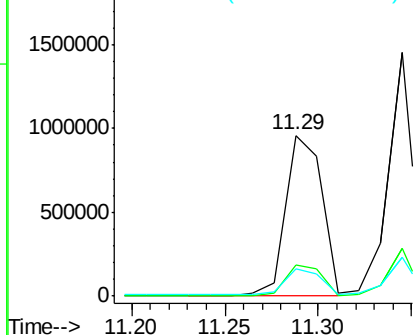


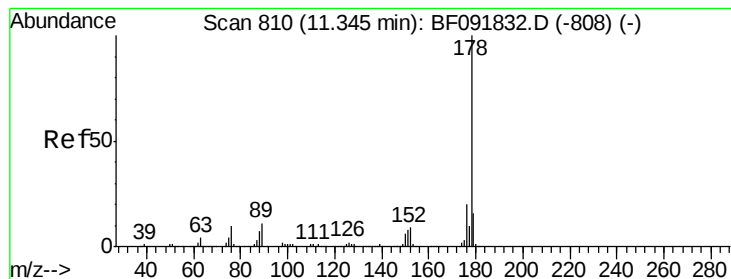
#70
 Phenanthrene
 Concen: 41.08 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091936.D
 Acq: 23 Dec 2016 20:55

Tgt Ion:178 Resp: 1299023
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.9 12.8 19.2



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





#71

Anthracene

Concen: 49.32 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

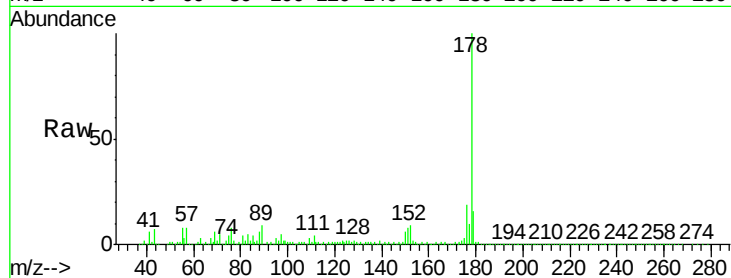
Tgt Ion:178 Resp: 1337577

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

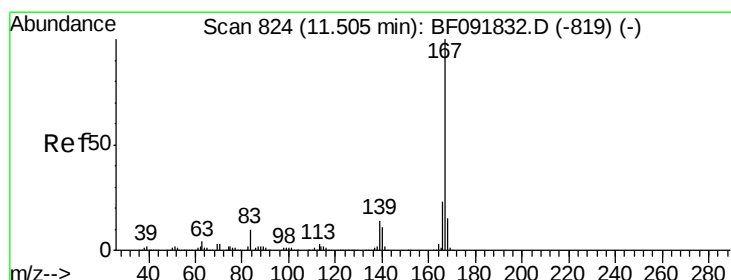
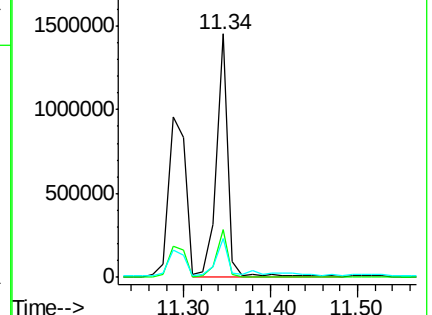
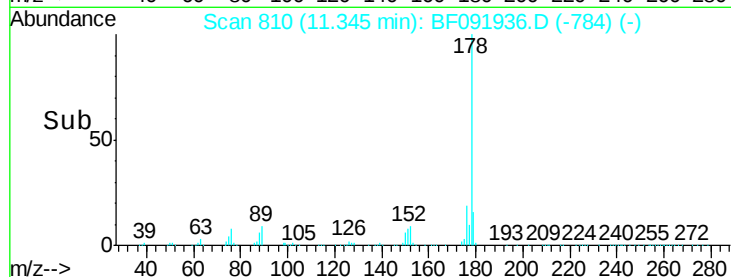
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.15 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

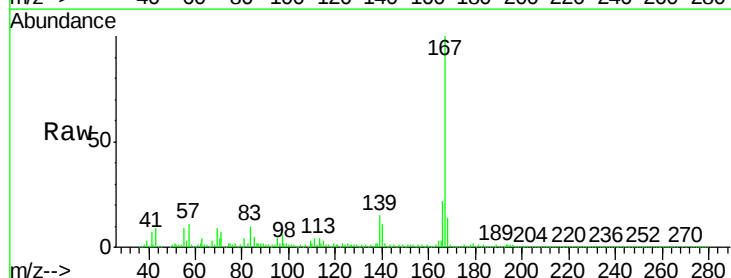
Tgt Ion:167 Resp: 1144432

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

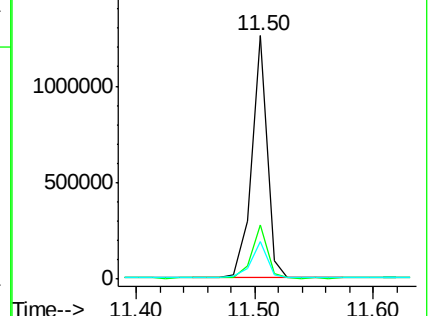
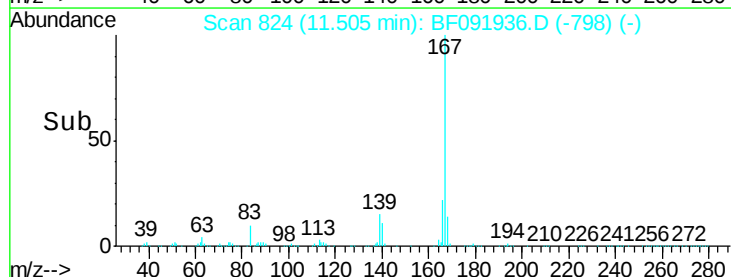
139 15.3 11.4 17.2

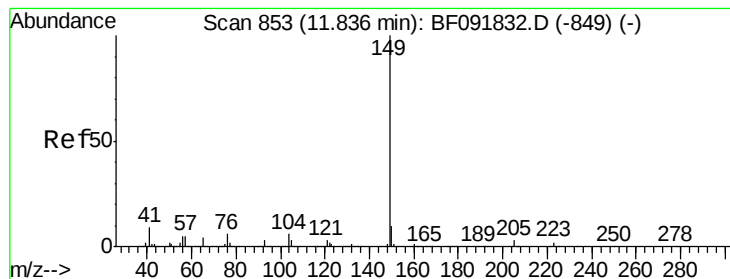


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.38 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

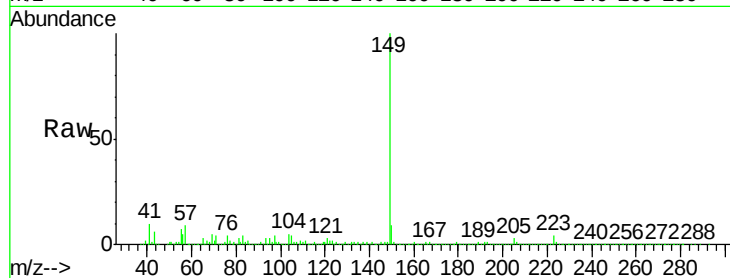
Tgt Ion:149 Resp: 1576585

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

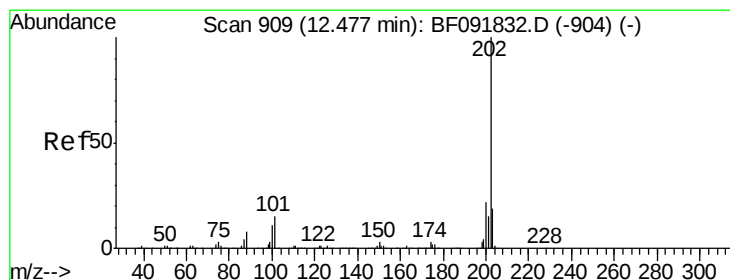
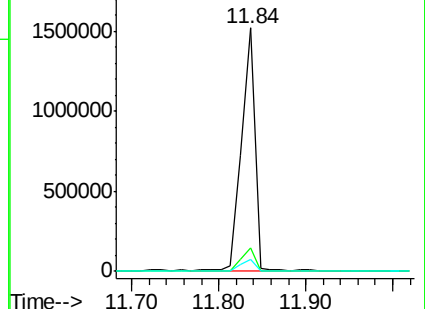
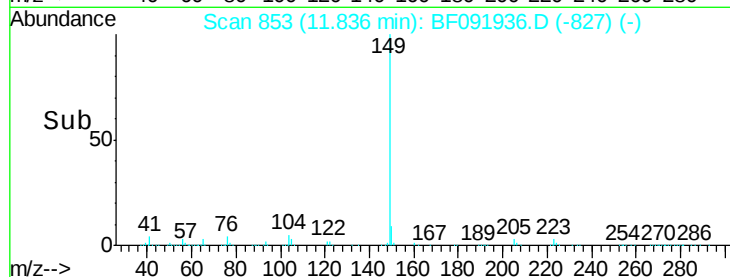
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.35 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

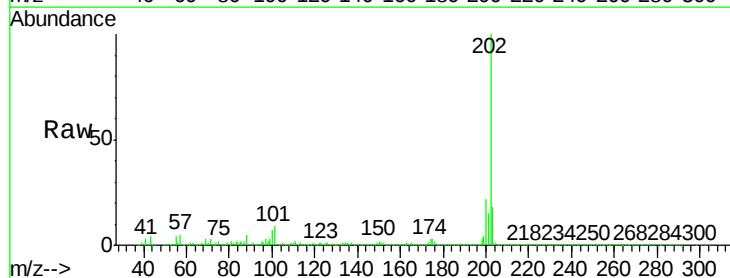
Tgt Ion:202 Resp: 1308286

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

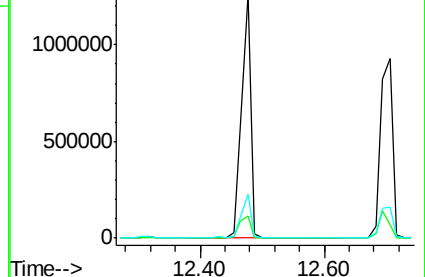
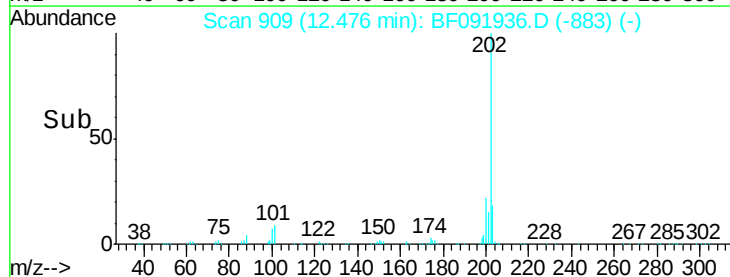
203 18.1 0.0 38.7

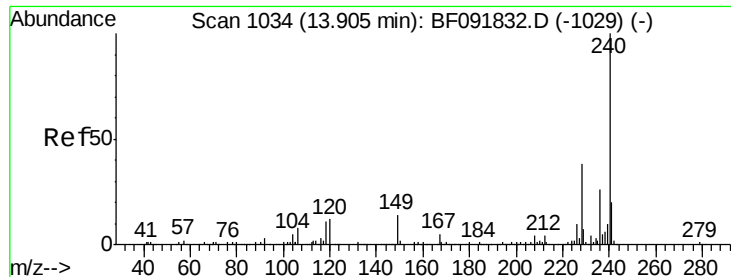


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

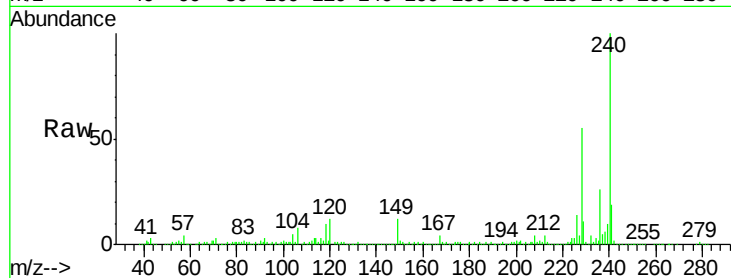
Tgt Ion:240 Resp: 455224

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

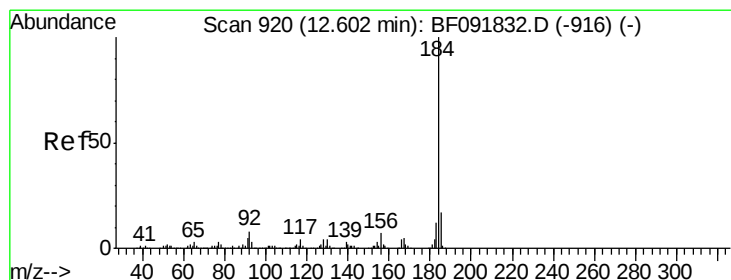
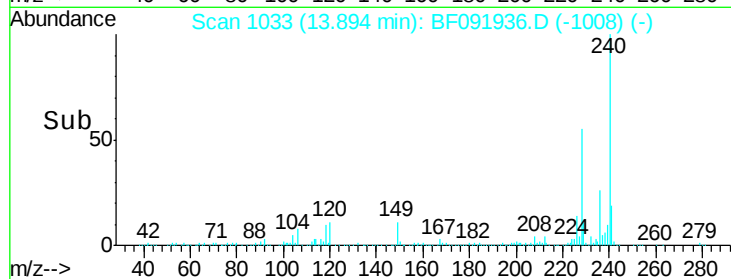
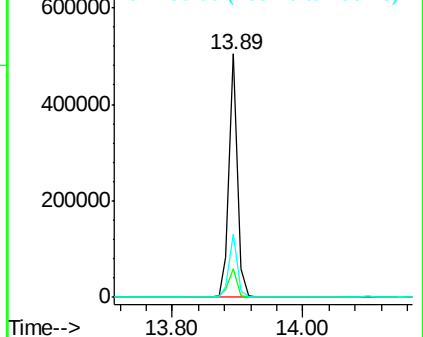
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.30 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

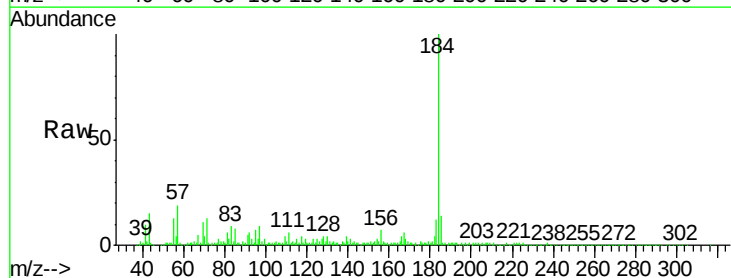
Tgt Ion:184 Resp: 391271

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

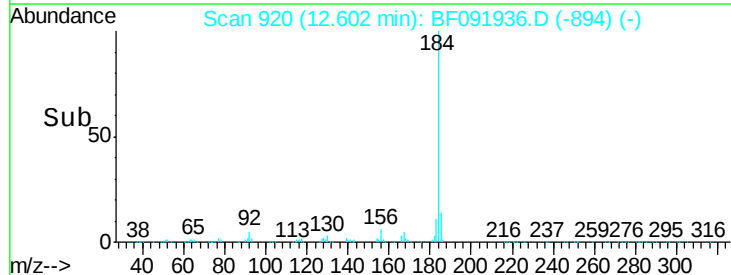
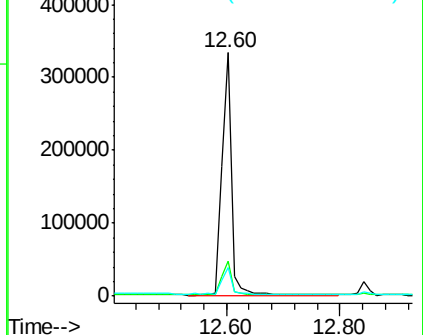
183 12.0 9.2 13.8

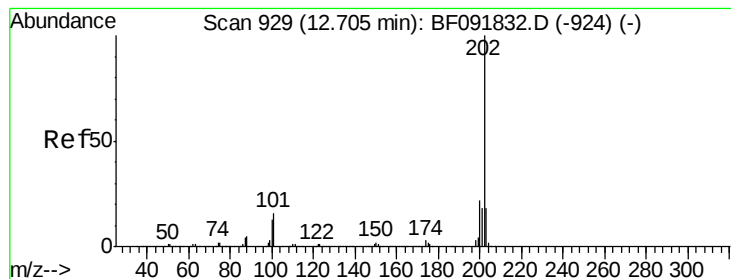


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.81 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

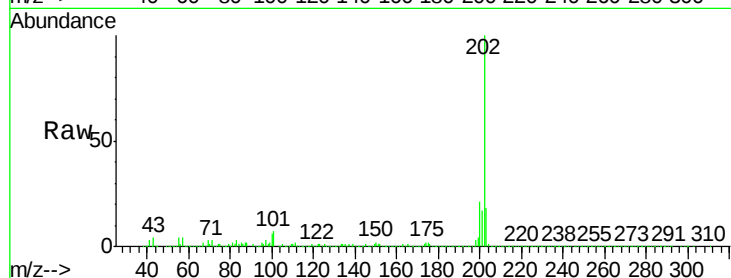
Tgt Ion:202 Resp: 1262772

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

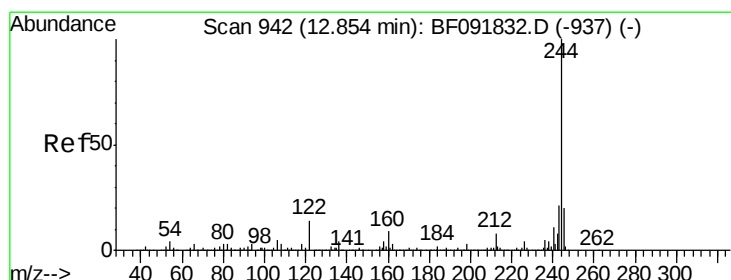
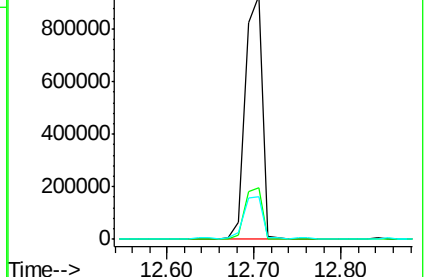
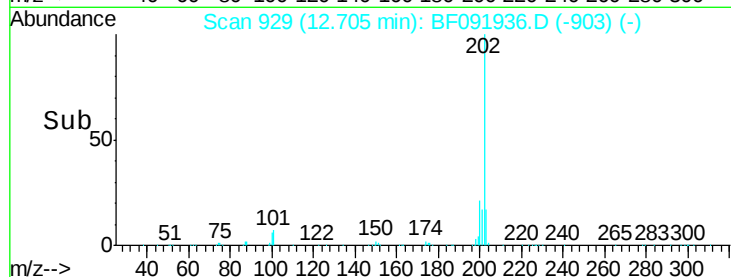
203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.31 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

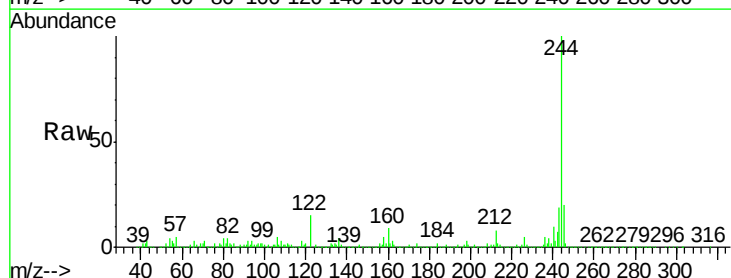
Tgt Ion:244 Resp: 1282271

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

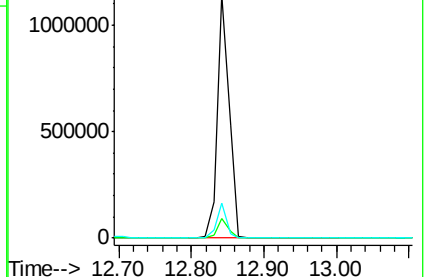
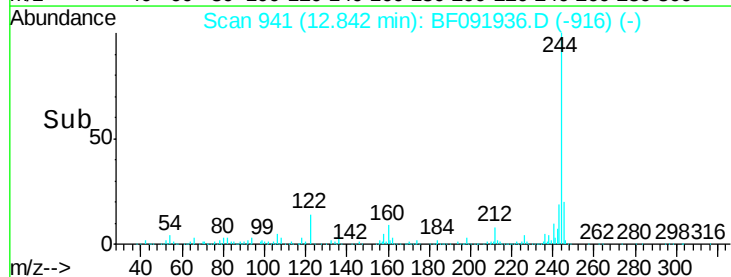
122 14.5 11.4 17.2

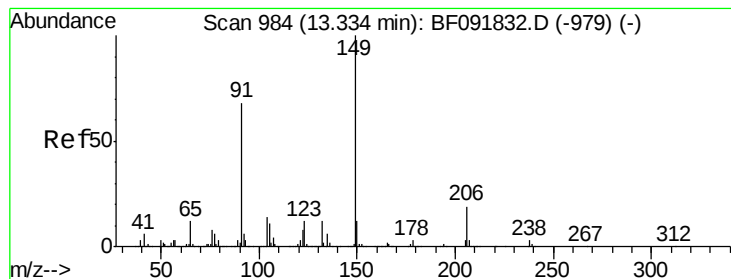


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.82 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

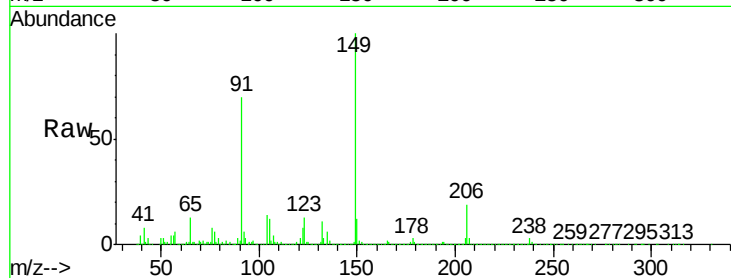
Tgt Ion:149 Resp: 620106

Ion Ratio Lower Upper

149 100

91 70.1 63.9 95.9

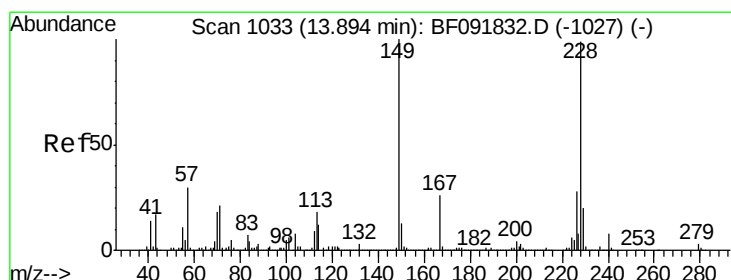
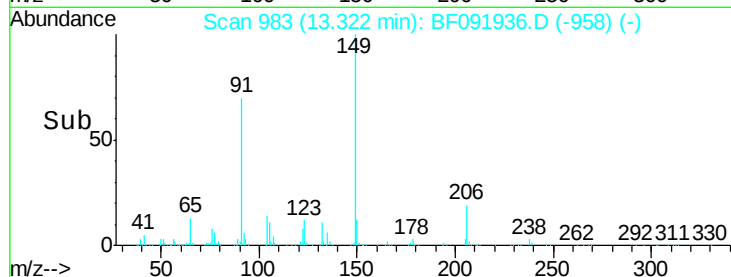
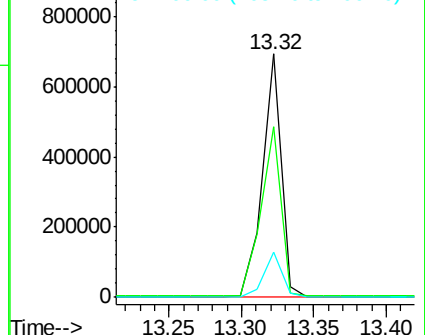
206 18.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.51 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

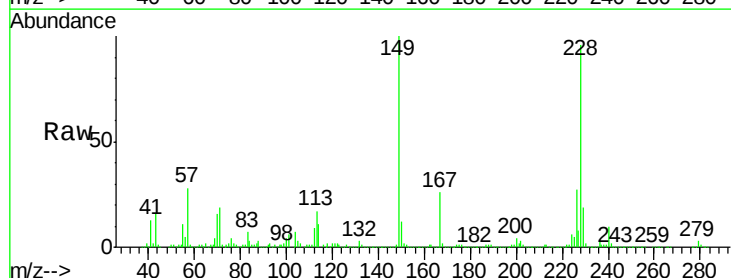
Tgt Ion:228 Resp: 989623

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

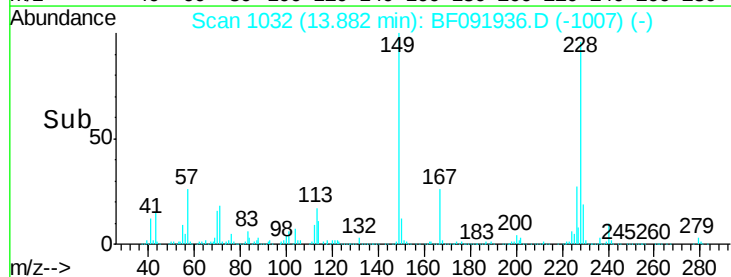
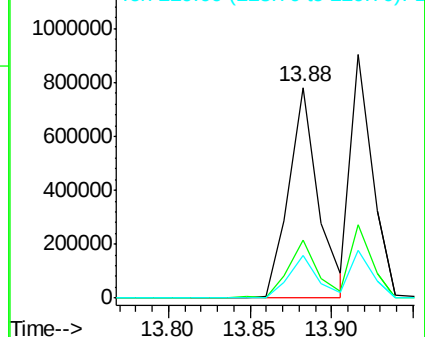
229 20.1 16.2 24.4

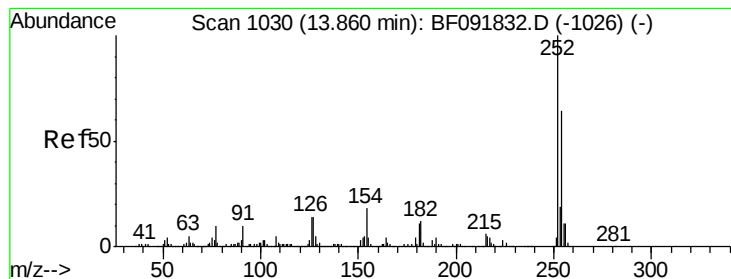


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 27.81 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

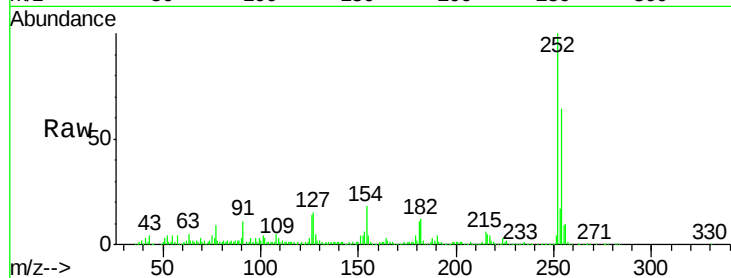
Tgt Ion:252 Resp: 271007

Ion Ratio Lower Upper

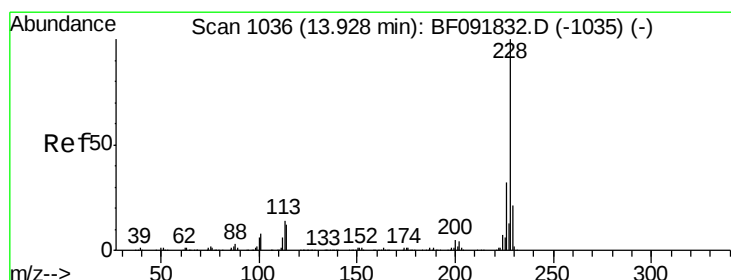
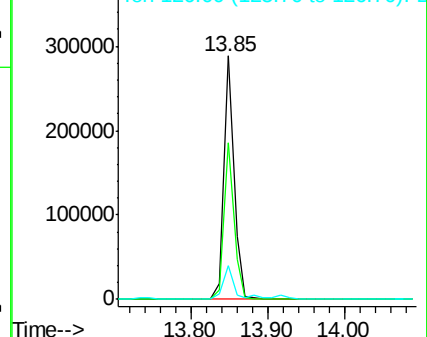
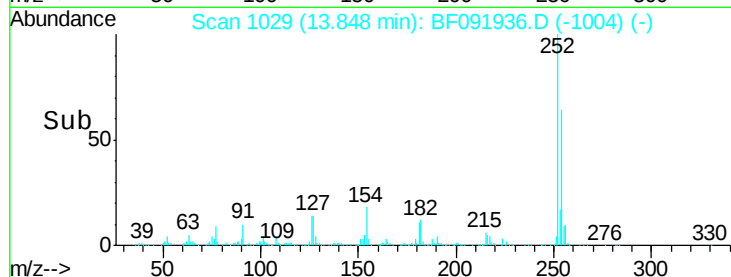
252 100

254 64.3 52.3 78.5

126 14.0 13.6 20.4



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: 33.50 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

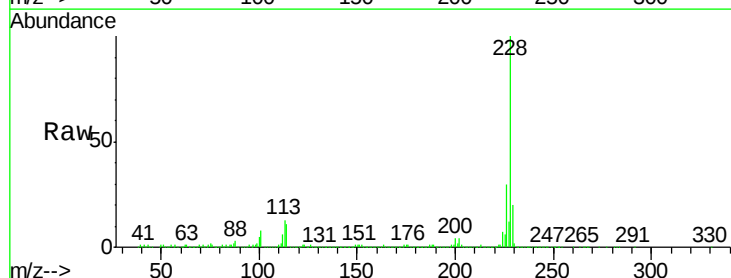
Tgt Ion:228 Resp: 863385

Ion Ratio Lower Upper

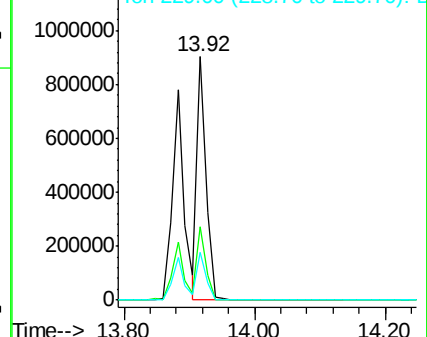
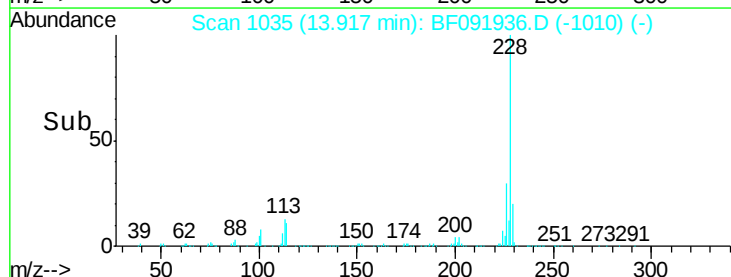
228 100

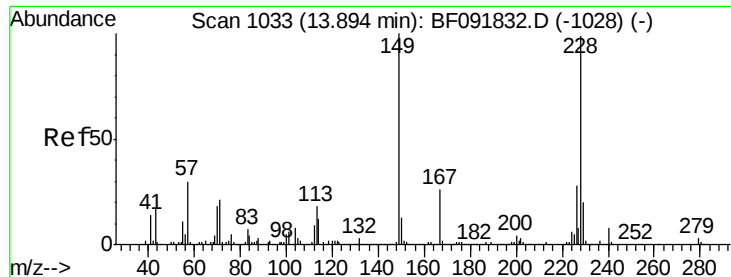
226 30.2 25.4 38.0

229 19.6 16.2 24.2



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: 42.10 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

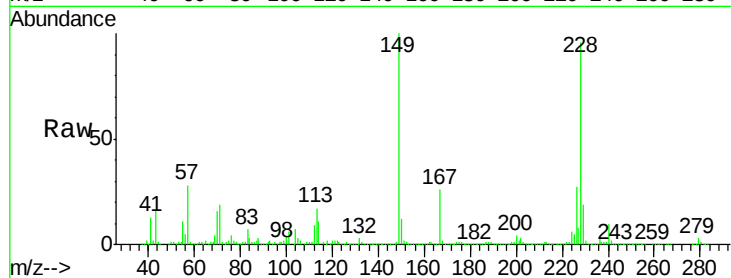
Tgt Ion:149 Resp: 753082

Ion Ratio Lower Upper

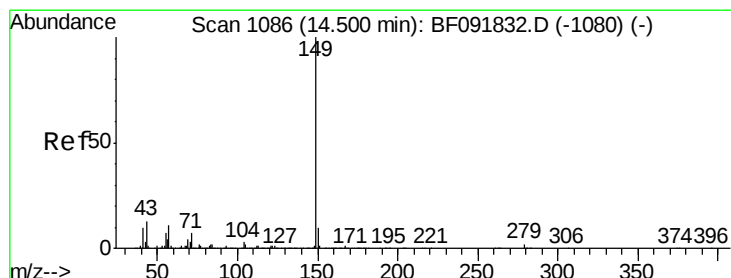
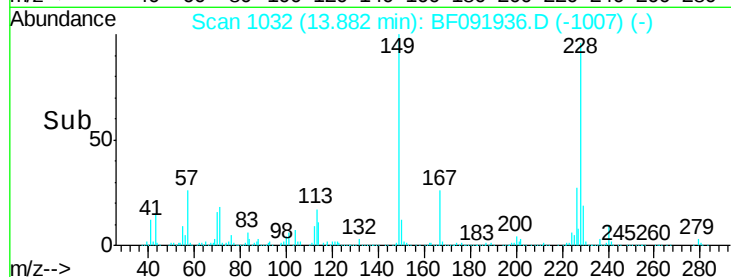
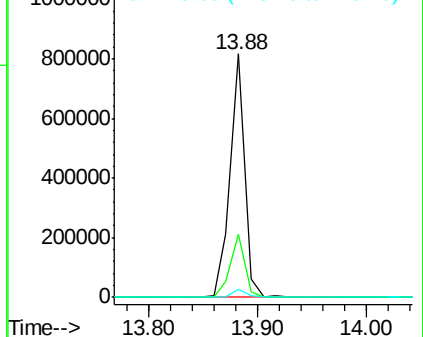
149 100

167 26.2 20.2 30.4

279 3.3 1.8 2.8#



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



#84

Di-n-octyl phthalate

Concen: 40.61 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

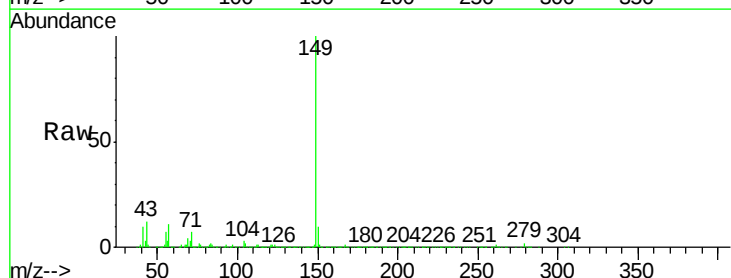
Tgt Ion:149 Resp: 1345853

Ion Ratio Lower Upper

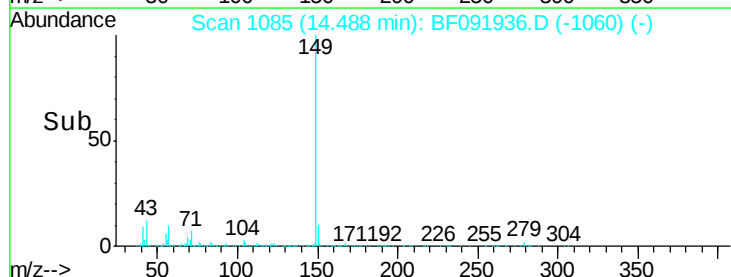
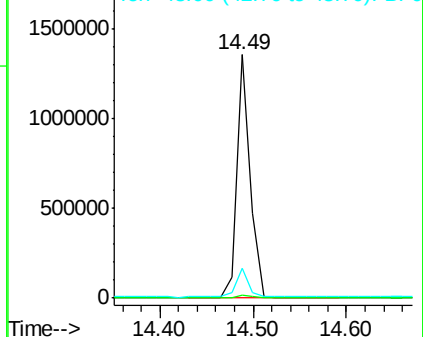
149 100

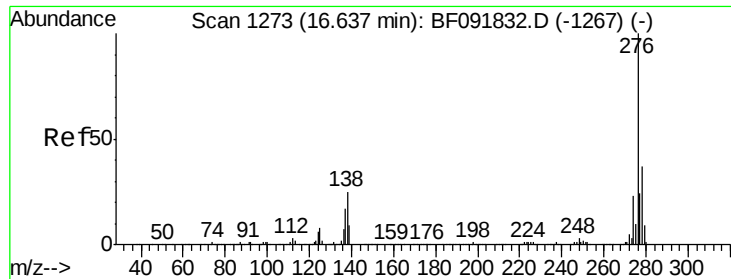
167 1.5 1.3 1.9

43 11.2 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

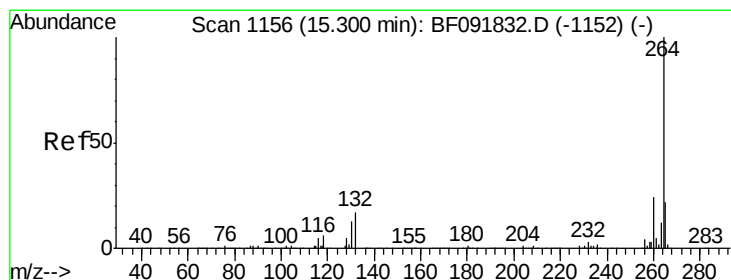
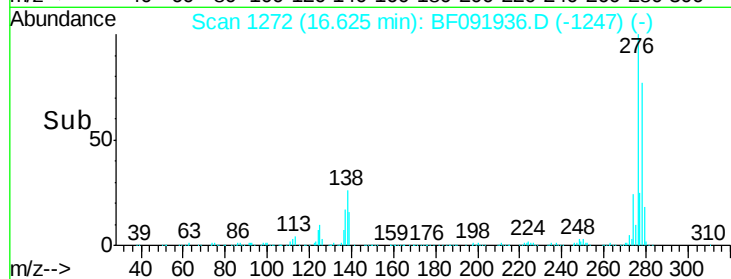
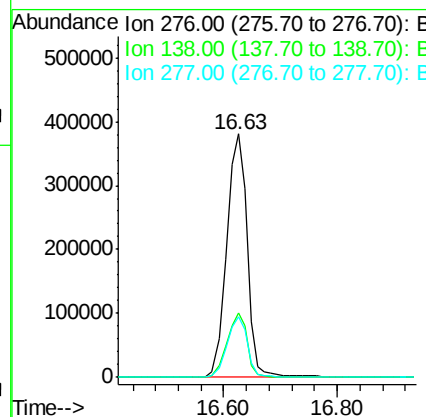
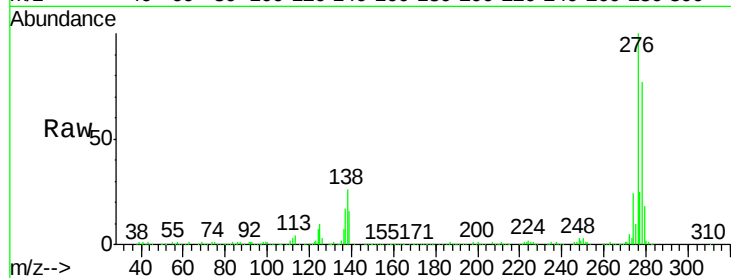




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.11 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

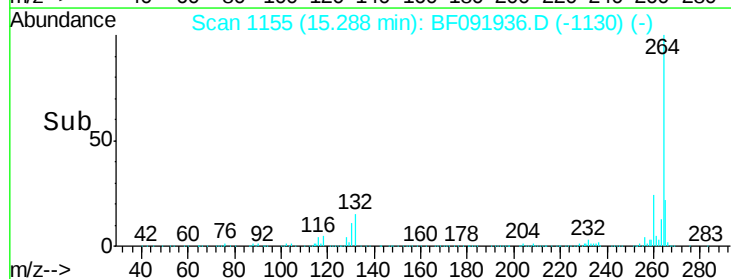
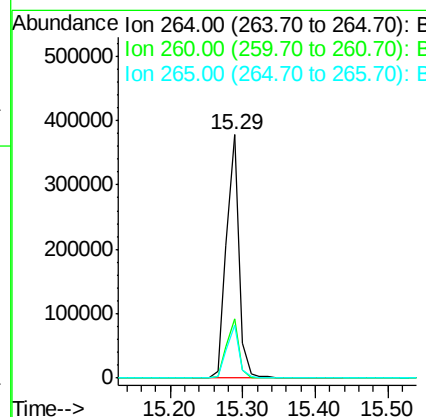
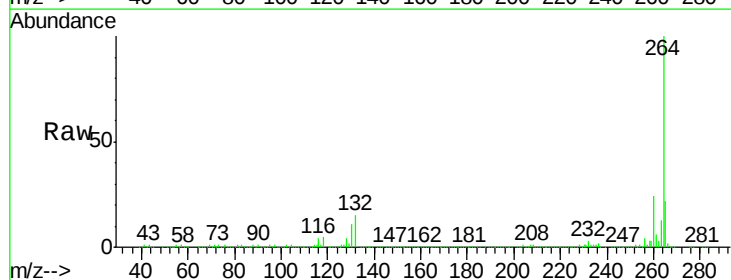
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

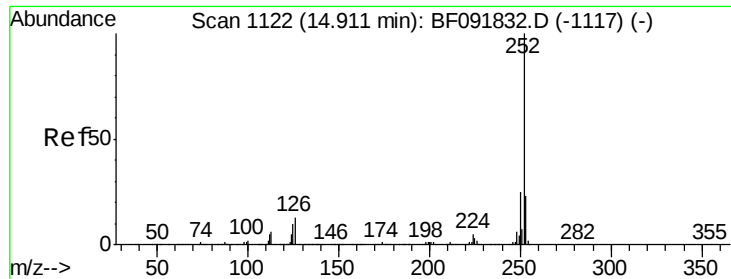
Tgt Ion: 276 Resp: 962719
Ion Ratio Lower Upper
276 100
138 26.2 21.8 32.6
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 264 Resp: 457032
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 70.99 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS

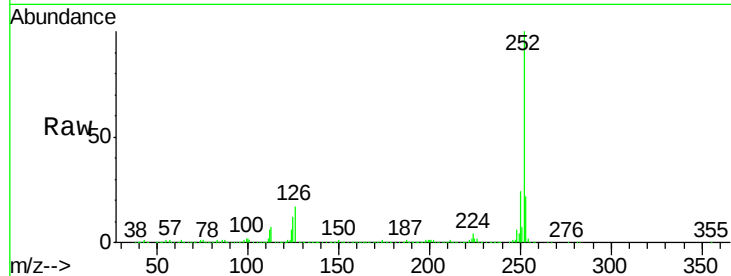
Tgt Ion:252 Resp: 2020030

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

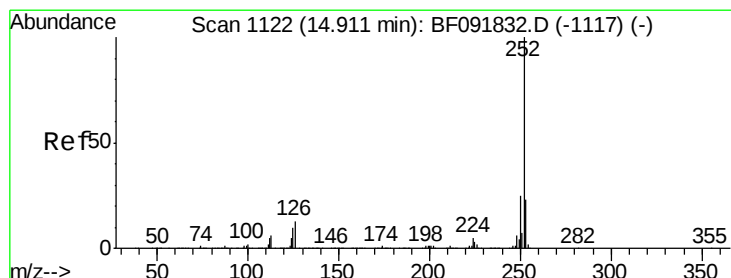
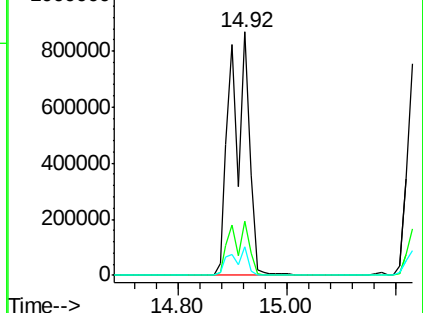
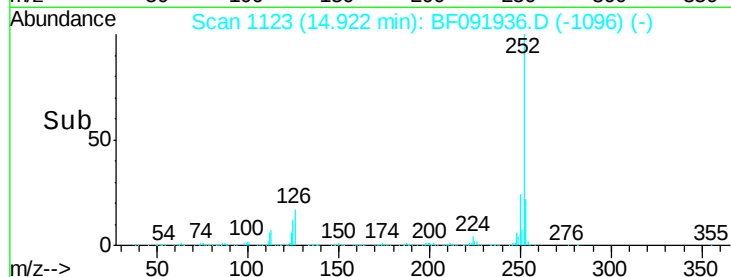
125 11.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.25 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091936.D

Acq: 23 Dec 2016 20:55

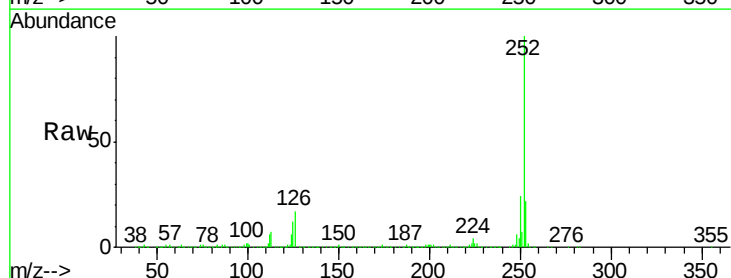
Tgt Ion:252 Resp: 2020030

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

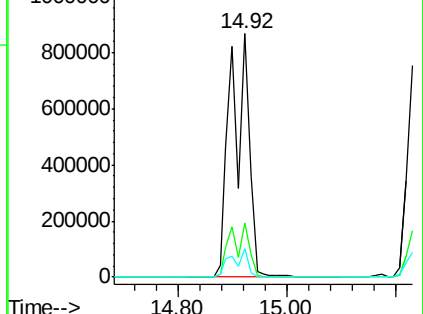
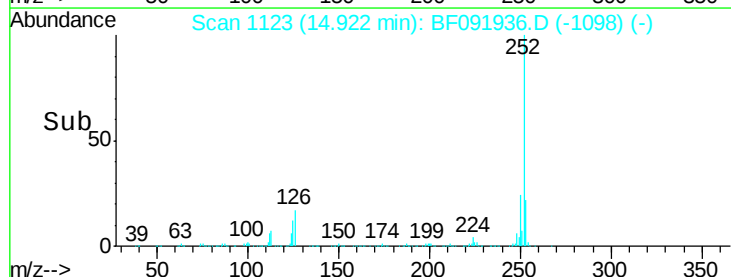
125 11.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

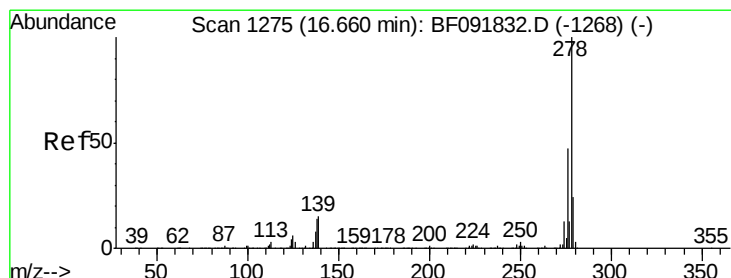
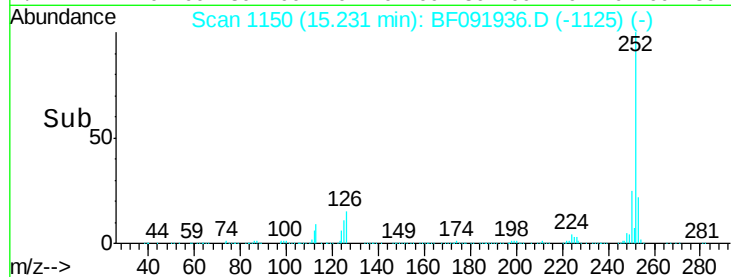
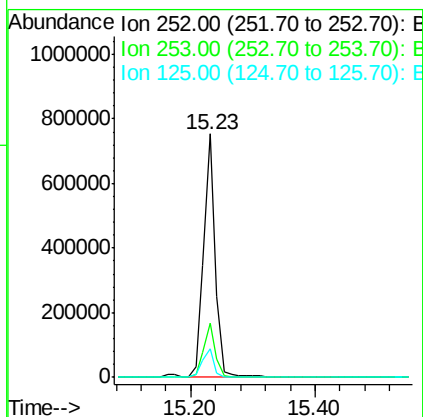
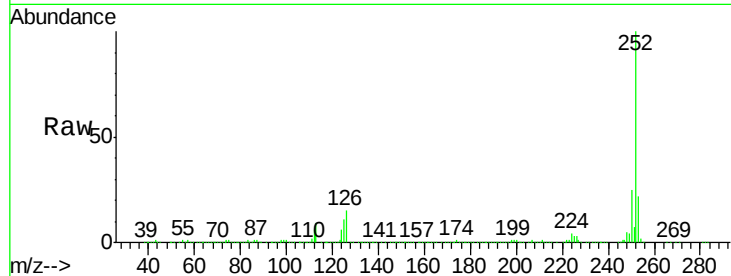




#89
Benzo(a)pyrene
Concen: 38.78 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

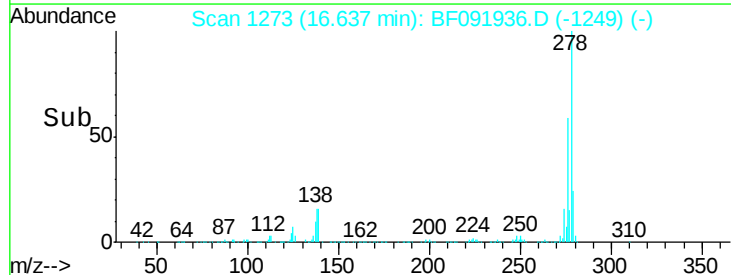
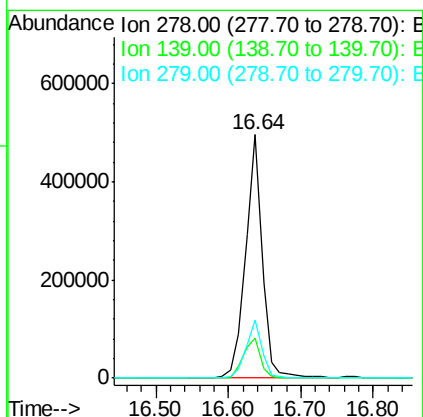
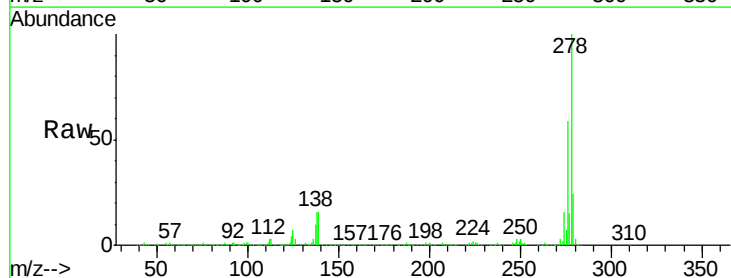
Instrument :
BNA_F
ClientSampleId :
H6058-05MS

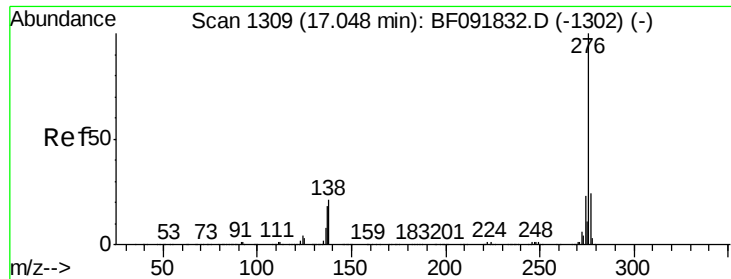
Tgt Ion: 252 Resp: 979427
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.5 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.46 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091936.D
Acq: 23 Dec 2016 20:55

Tgt Ion: 278 Resp: 798450
Ion Ratio Lower Upper
278 100
139 16.3 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 36.09 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091936.D

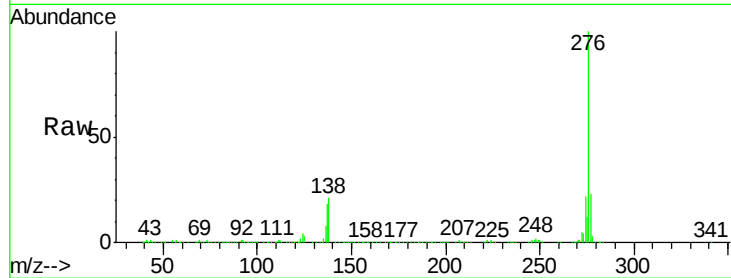
Acq: 23 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

H6058-05MS



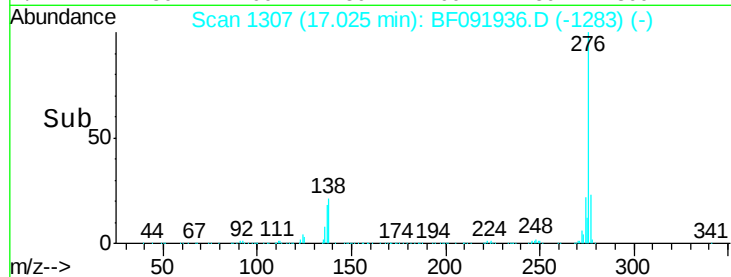
Tgt Ion: 276 Resp: 778965

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 20.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

