

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092169.D
 Acq On : 10 Jan 2017 5:31
 Operator : UM/SJ
 Sample : I1055-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Jan 10 06:25:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	124889	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	455026	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	214608	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	334371	20.00	ng	0.00
75) Chrysene-d12	13.80	240	206629	20.00	ng	0.01
86) Perylene-d12	15.17	264	158498	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	694661	92.87	ng	0.01
7) Phenol-d6	6.32	99	425196	46.56	ng	0.01
23) Nitrobenzene-d5	7.21	82	731106	89.34	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	220075	123.91	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	1185962	118.28	ng	0.00
78) Terphenyl-d14	12.75	244	912114	107.06	ng	0.00

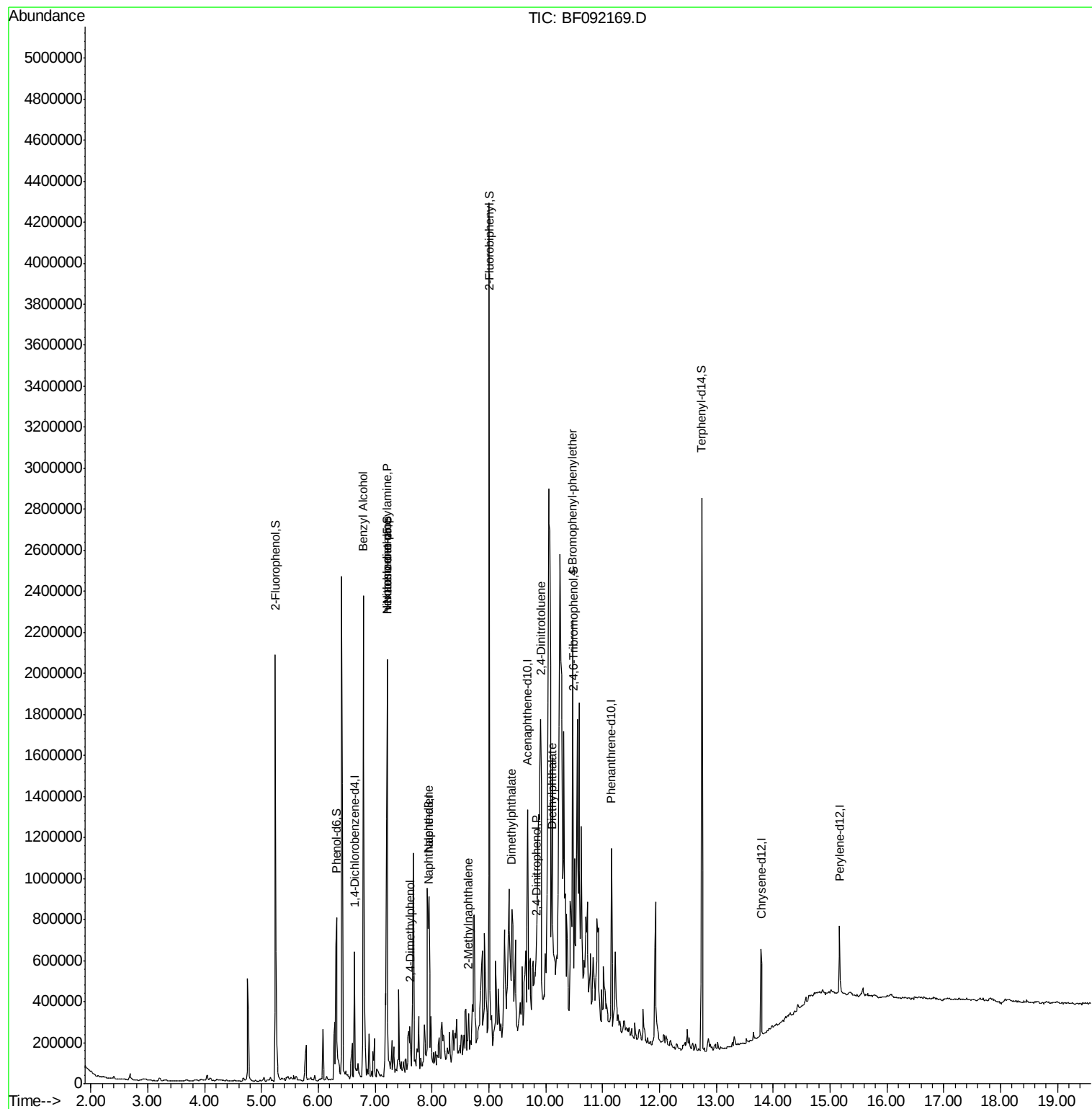
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.18	77	695	Below Cal	#	1
15) Benzyl Alcohol	6.79	79	16181	2.28	ng	47
18) Hexachloroethane	7.21	117	151466	44.19	ng	6
19) n-Nitroso-di-n-propylamine	7.21	70	99298	16.34	ng	71
27) 2,4-Dimethylphenol	7.61	122	34715	4.87	ng	99
31) Naphthalene	7.94	128	369768	17.76	ng	99
37) 2-Methylnaphthalene	8.64	142	40409	2.05	ng	98
49) Dimethylphthalate	9.41	163	91897	6.70	ng	# 77
53) 2,4-Dinitrophenol	9.83	184	6208	3.71	ng	# 6
56) 2,4-Dinitrotoluene	9.91	165	70004	18.56	ng	# 49
59) Diethylphthalate	10.10	149	89169	6.69	ng	# 69
66) 4-Bromophenyl-phenylether	10.47	248	13545	3.89	ng	# 1
73) Di-n-butylphthalate	11.74	149	6073	Below Cal	#	73
74) Fluoranthene	12.37	202	2770	Below Cal		66
76) Benzidine	12.49	184	1334	Below Cal	#	1

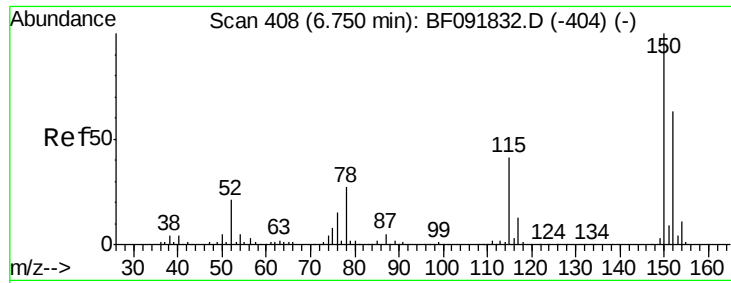
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampled :

W-15

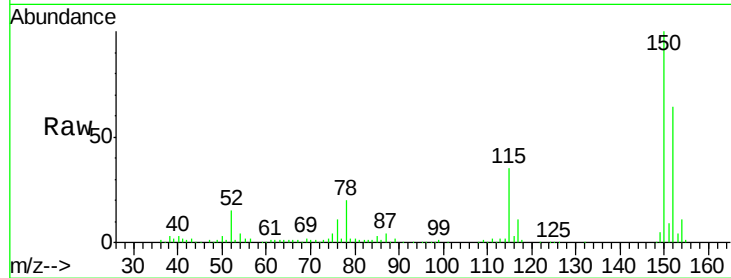
Tgt Ion:152 Resp: 124889

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

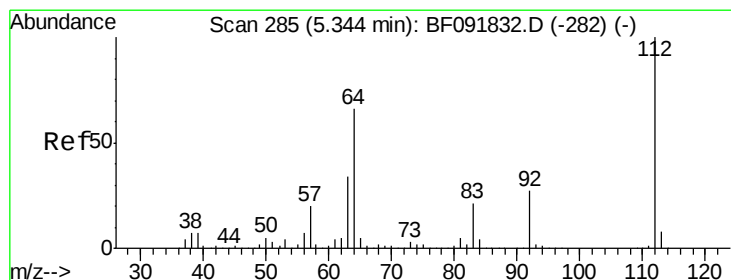
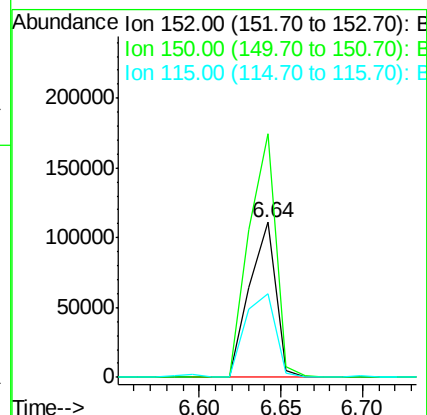
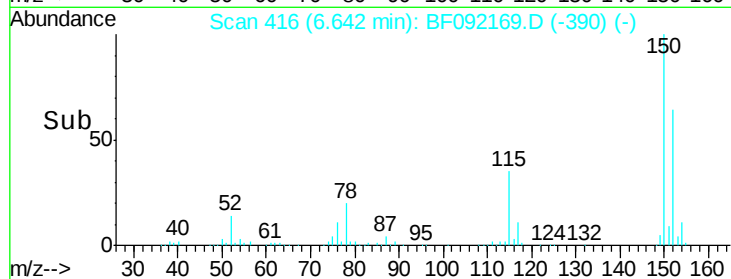
115 54.4 46.0 69.0



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



#5

2-Fluorophenol

Concen: 92.87 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

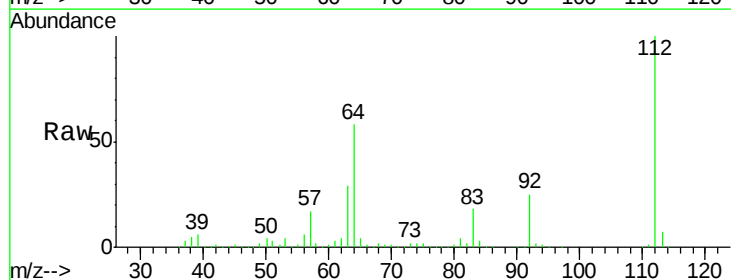
Tgt Ion:112 Resp: 694661

Ion Ratio Lower Upper

112 100

64 58.3 46.1 69.1

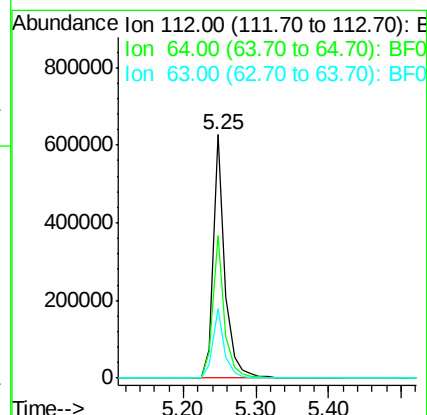
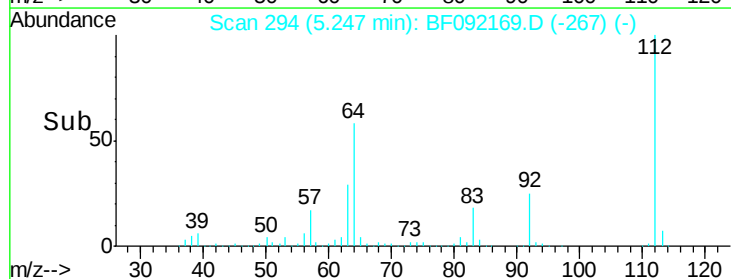
63 28.8 23.8 35.6

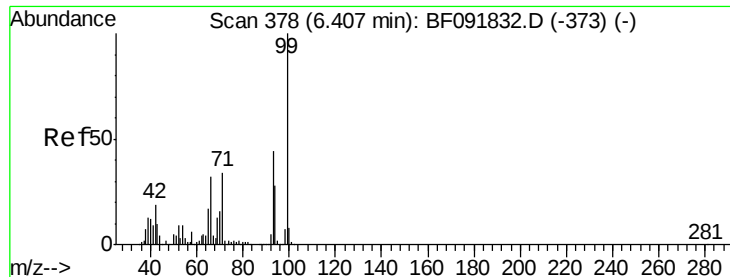


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.56 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

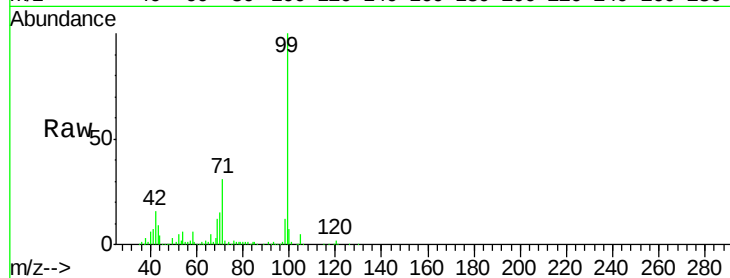
Tgt Ion: 99 Resp: 425196

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

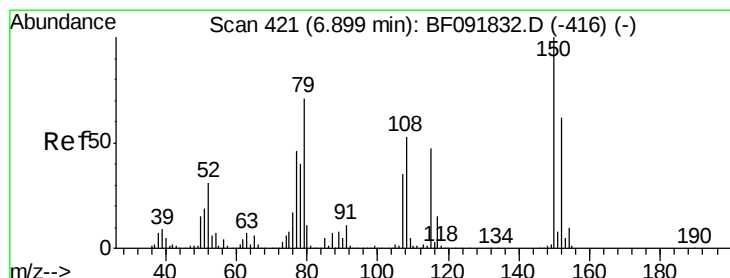
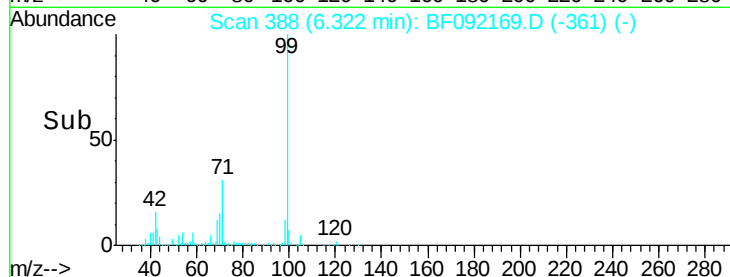
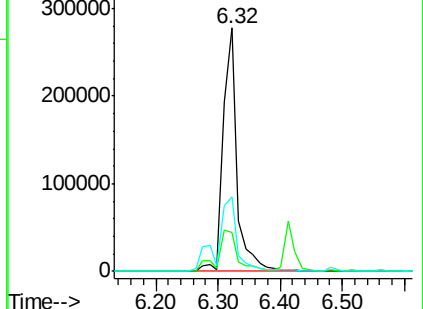
71 30.9 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

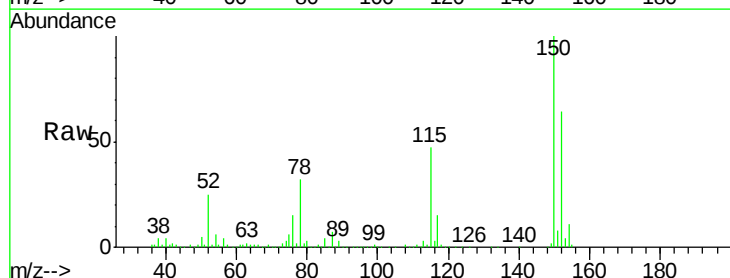
Tgt Ion: 79 Resp: 16181

Ion Ratio Lower Upper

79 100

108 28.0 61.4 92.0#

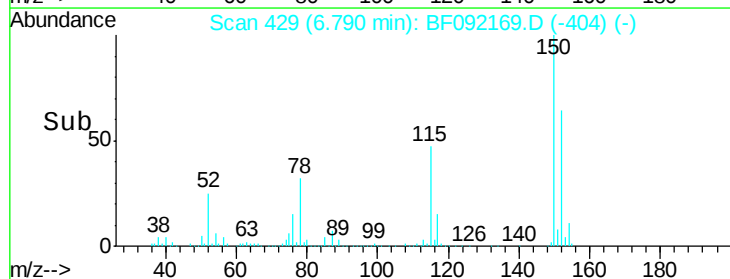
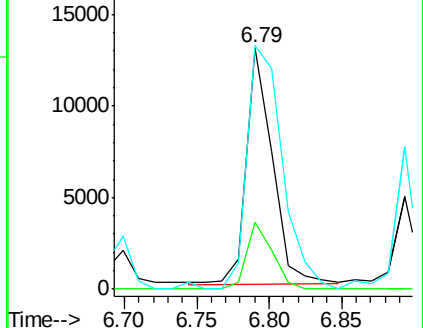
77 101.0 50.9 76.3#

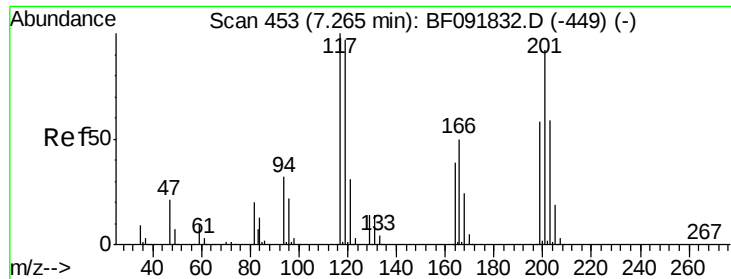


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 44.19 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.06 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

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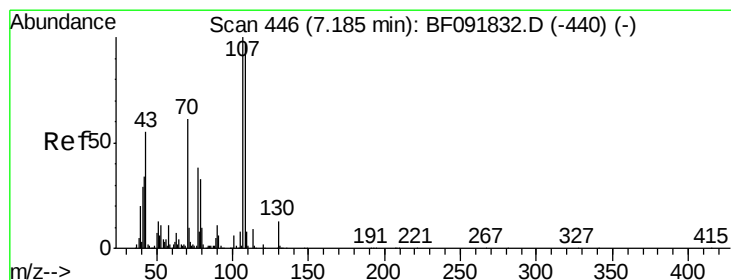
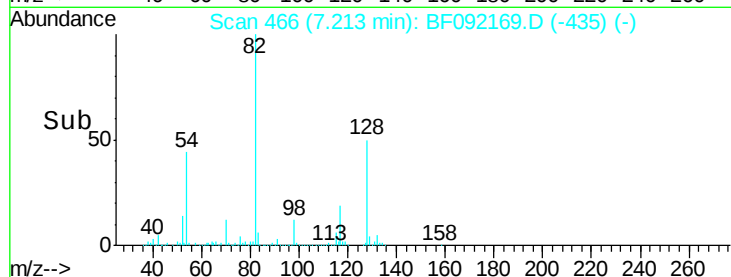
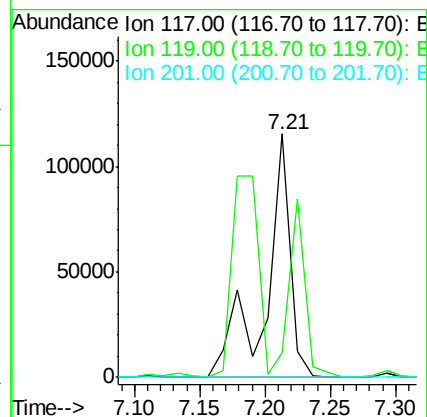
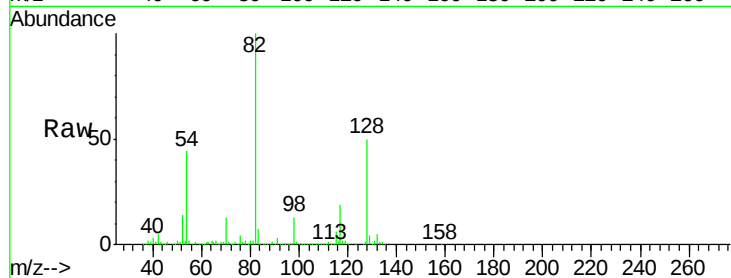
Tgt Ion:117 Resp: 151466

Ion Ratio Lower Upper

117 100

119 10.0 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Tgt Ion: 70 Resp: 99298

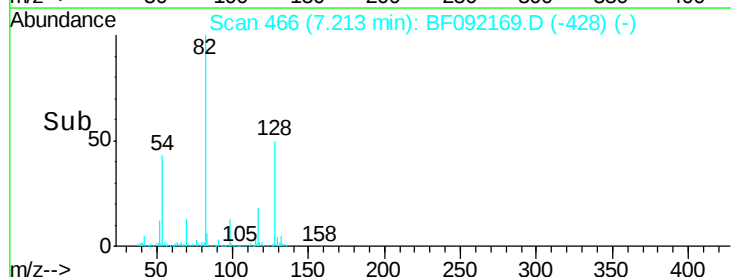
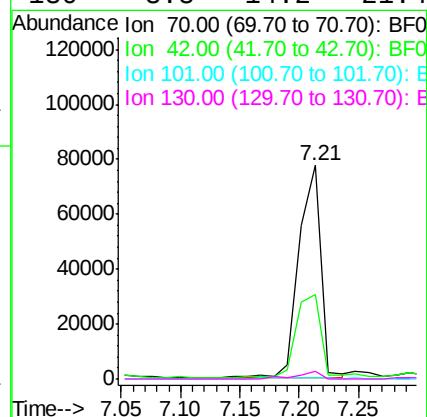
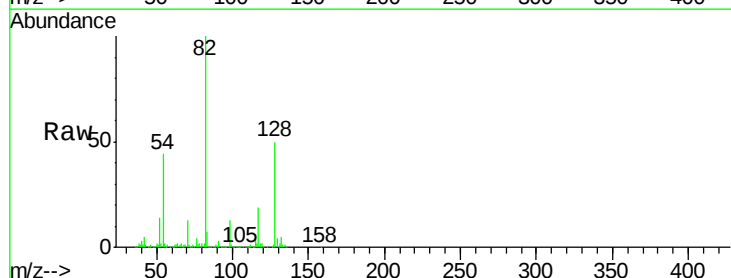
Ion Ratio Lower Upper

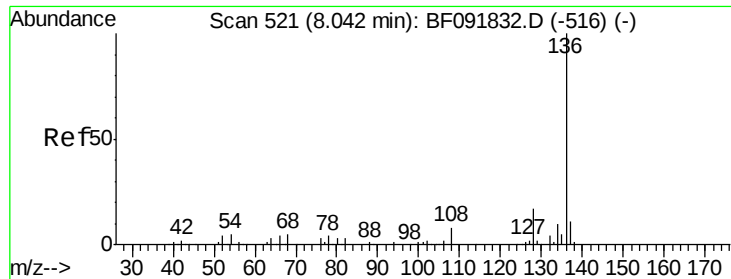
70 100

42 39.8 49.4 74.0#

101 0.8 7.4 11.2#

130 3.8 14.2 21.4#

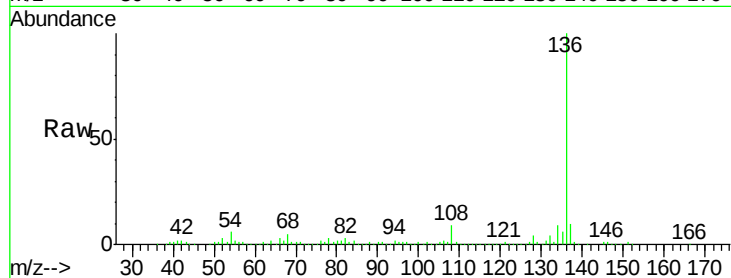




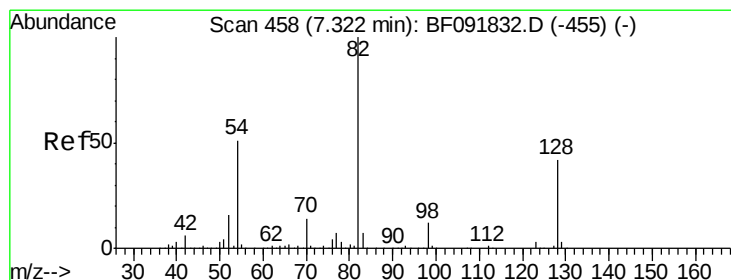
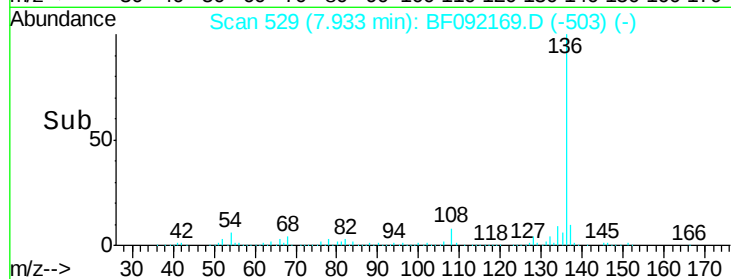
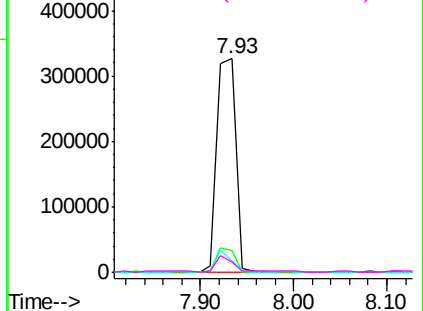
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	455026
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	5.7	4.5	6.7
68	4.7	3.6	5.4

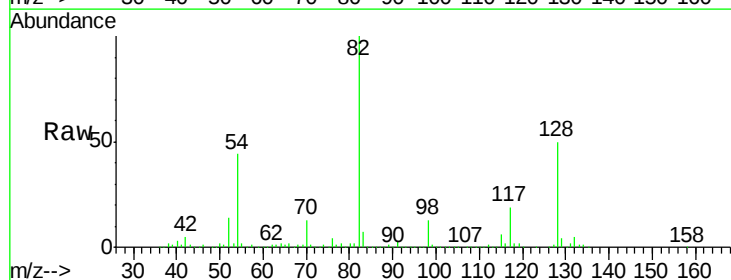


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

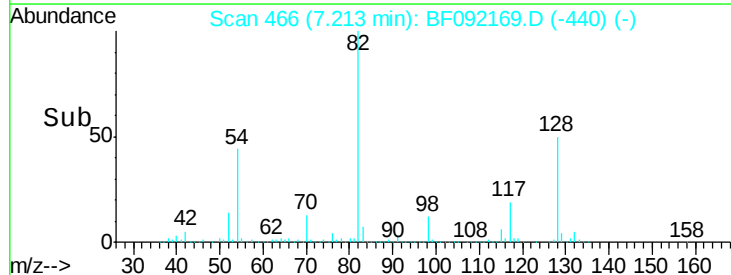
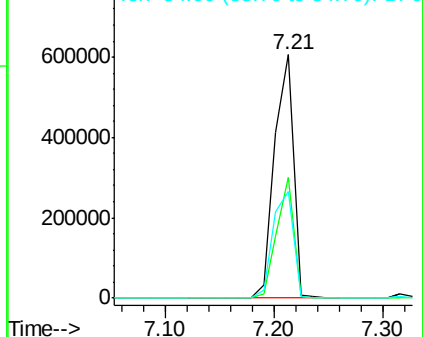


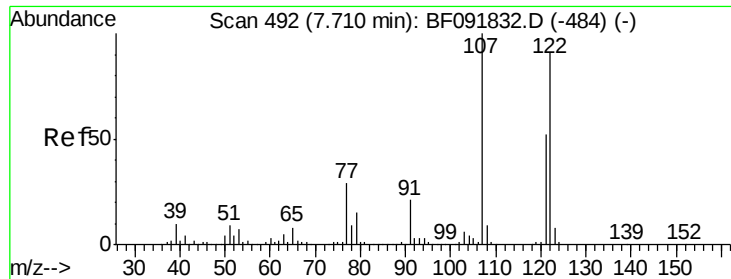
#23
Nitrobenzene-d5
Concen: 89.34 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:	82	Resp:	731106
Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.6	52.0
54	43.8	39.5	59.3



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

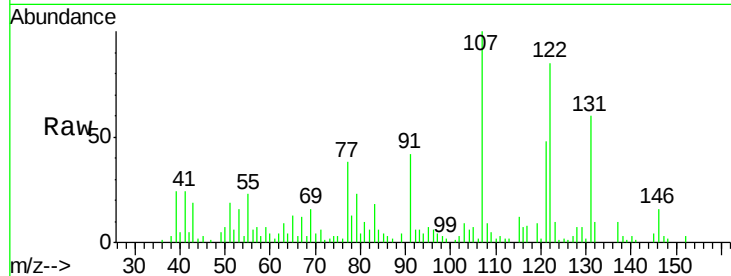




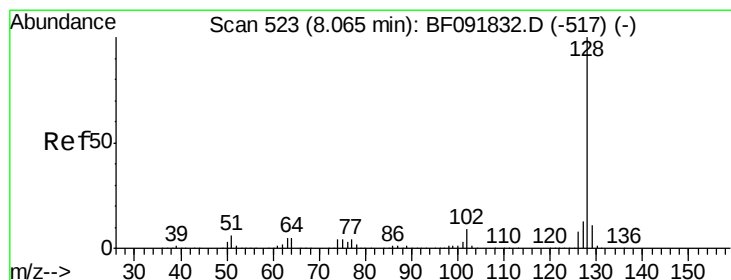
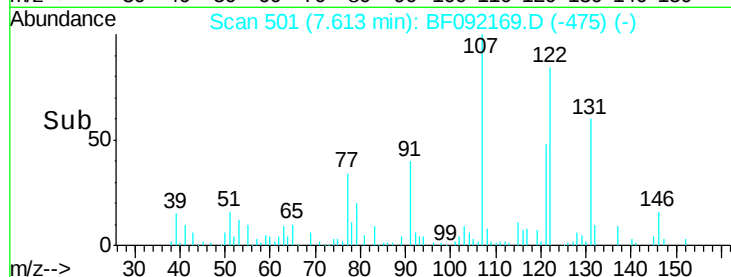
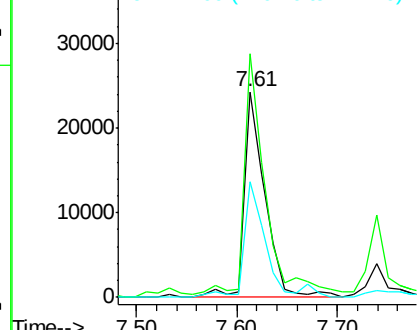
#27
2,4-Dimethylphenol
Concen: 4.87 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
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ClientSampleId :
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Tgt Ion:122 Resp: 34715
Ion Ratio Lower Upper
122 100
107 118.3 94.1 141.1
121 56.3 46.0 69.0

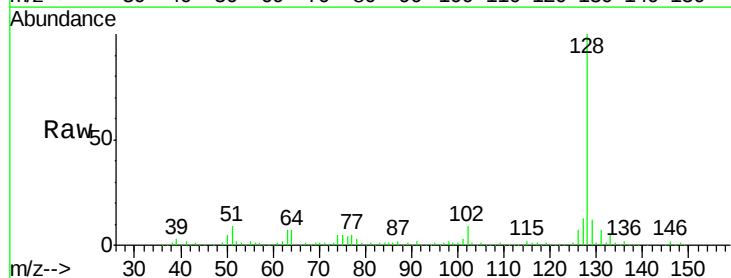


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

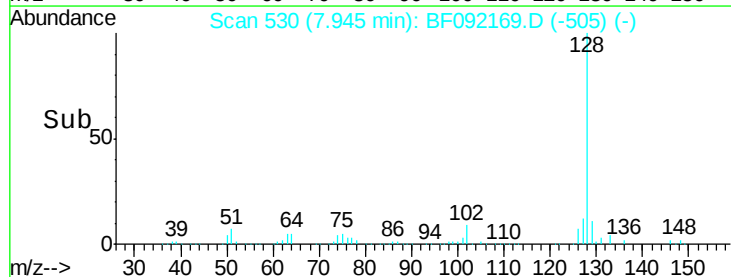
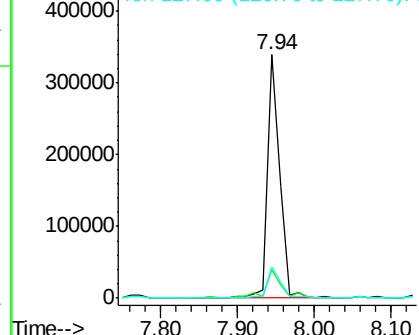


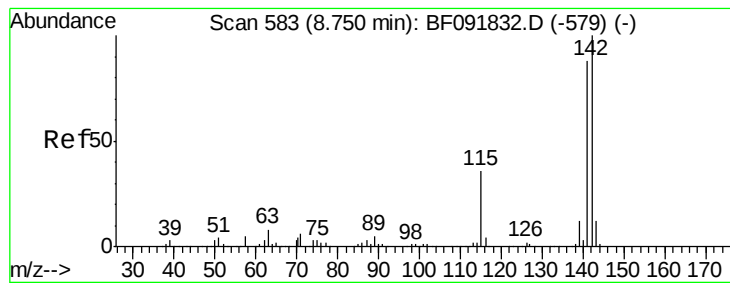
#31
Naphthalene
Concen: 17.76 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:128 Resp: 369768
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 12.9 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

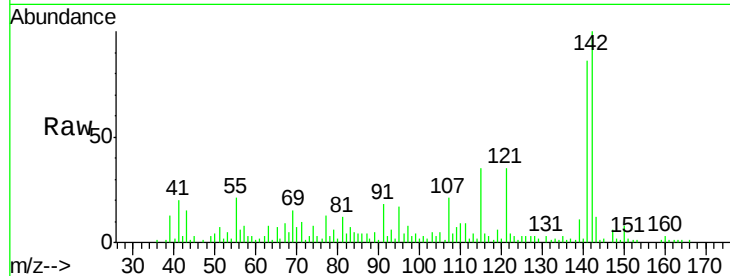




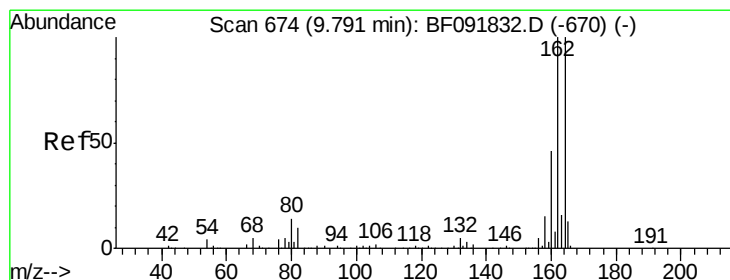
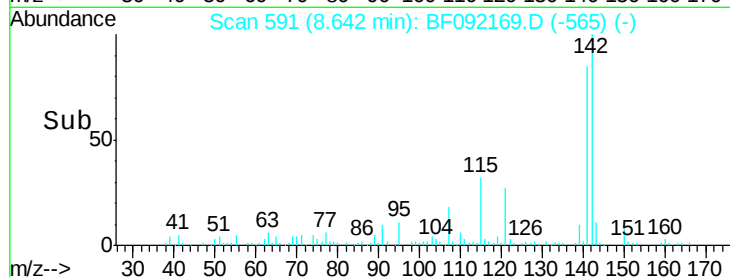
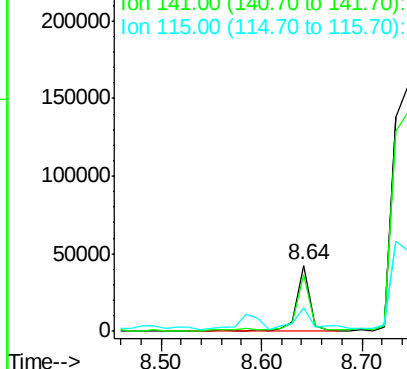
#37
 2-Methylnaphthalene
 Concen: 2.05 ng
 RT: 8.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF092169.D
 Acq: 10 Jan 2017 5:31

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Tgt Ion:142 Resp: 40409
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.0 106.6
 115 35.4 28.3 42.5

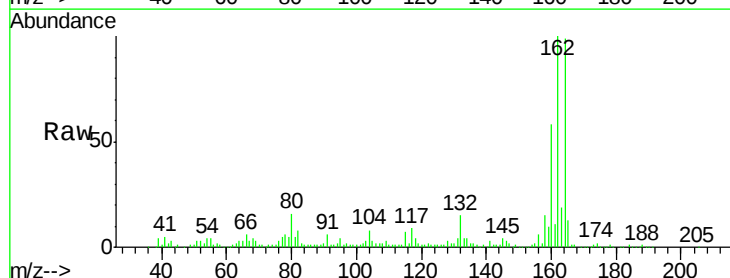


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

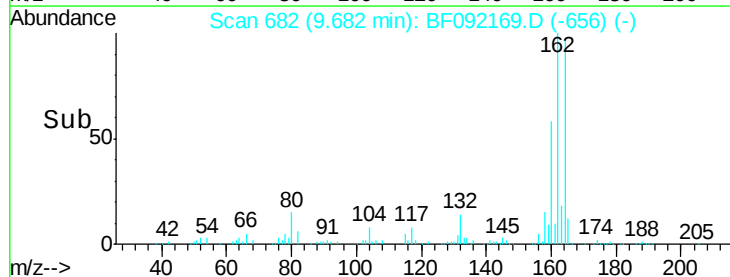
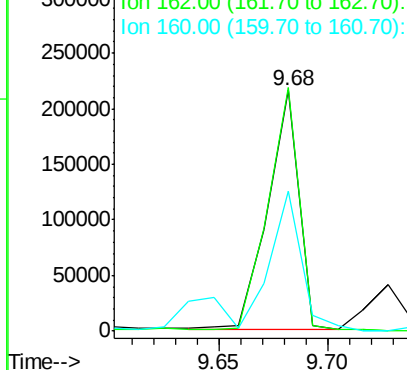


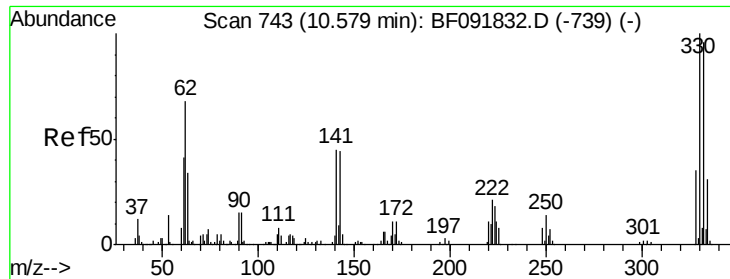
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092169.D
 Acq: 10 Jan 2017 5:31

Tgt Ion:164 Resp: 214608
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.2 120.2
 160 58.3 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

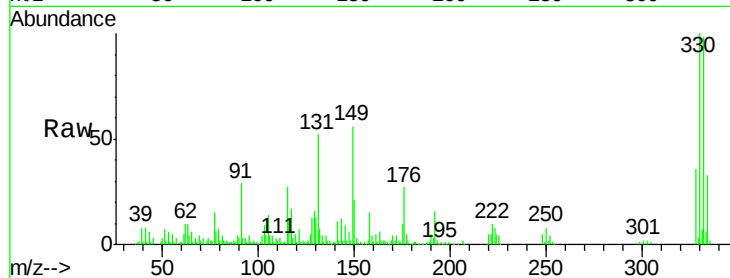




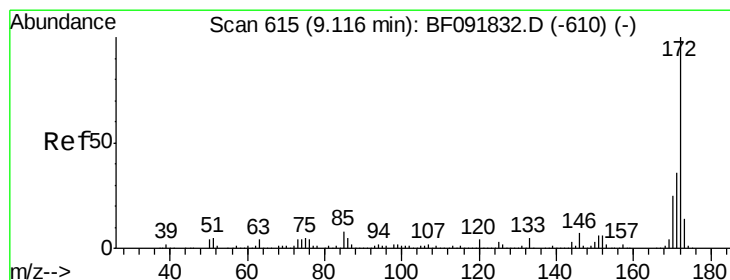
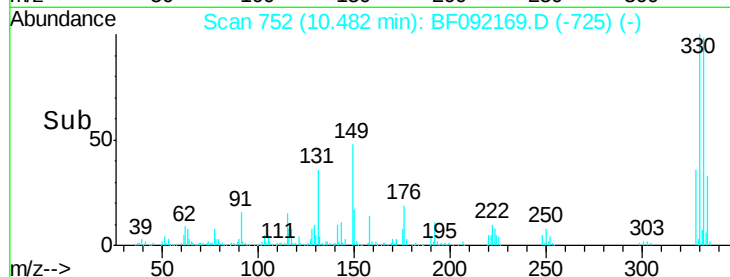
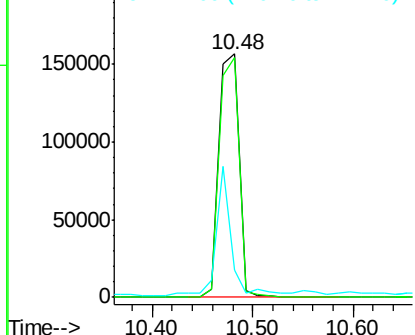
#41
 2,4,6-Tribromophenol
 Concen: 123.91 ng
 RT: 10.48 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF092169.D
 Acq: 10 Jan 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 220075
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 37.7 34.1 51.1

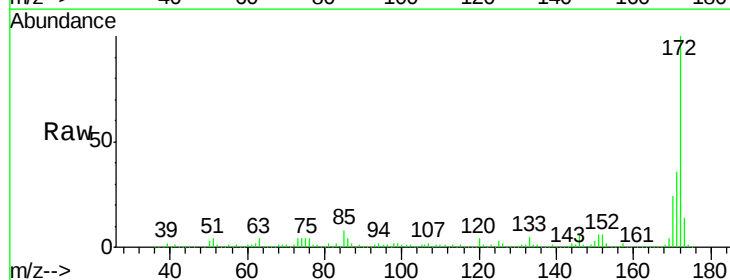


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

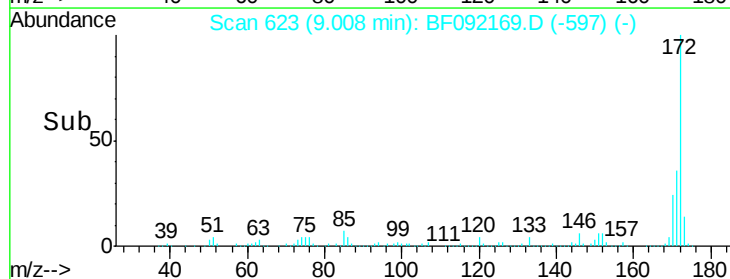
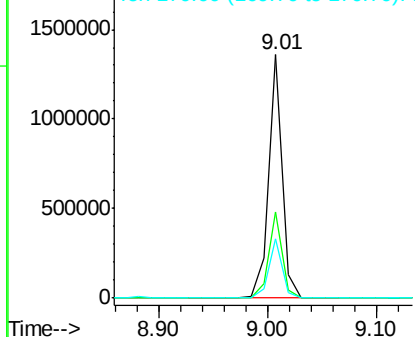


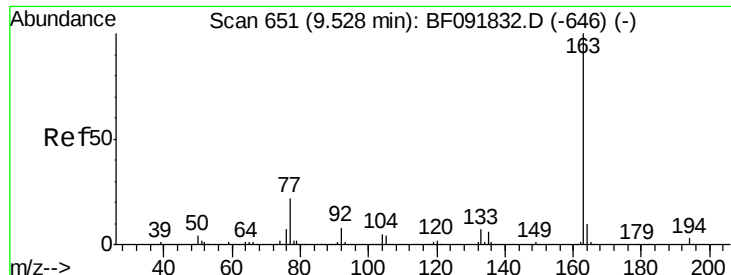
#44
 2-Fluorobiphenyl
 Concen: 118.28 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092169.D
 Acq: 10 Jan 2017 5:31

Tgt Ion:172 Resp: 1185962
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.2 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





#49

Dimethylphthalate

Concen: 6.70 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

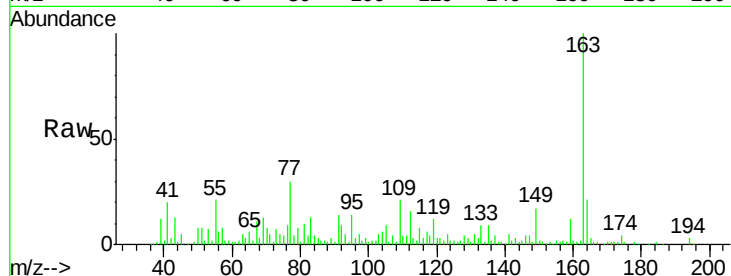
Tgt Ion:163 Resp: 91897

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

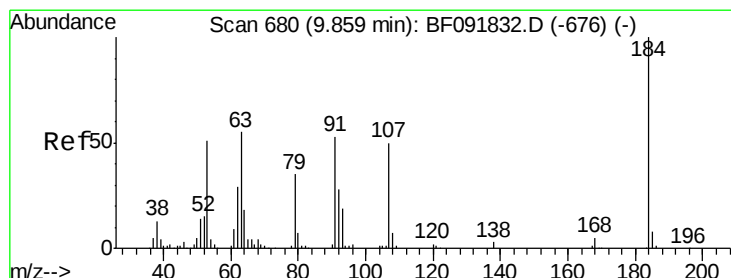
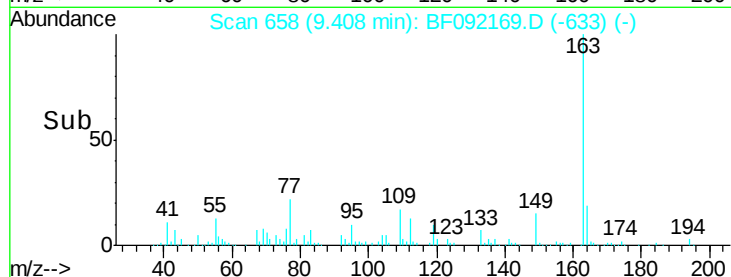
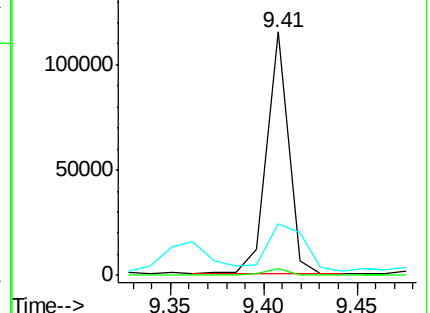
164 21.2 8.0 12.0#



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



#53

2,4-Dinitrophenol

Concen: 3.71 ng

RT: 9.83 min Scan# 695

Delta R.T. 0.07 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

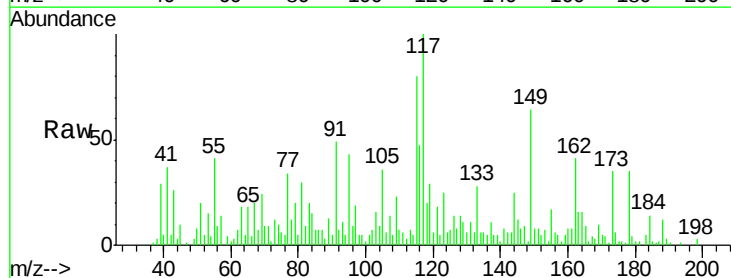
Tgt Ion:184 Resp: 6208

Ion Ratio Lower Upper

184 100

63 127.2 28.4 42.6#

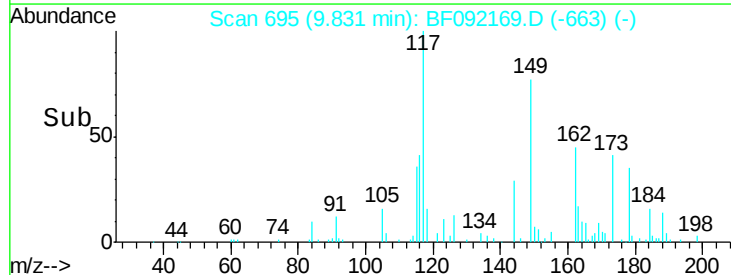
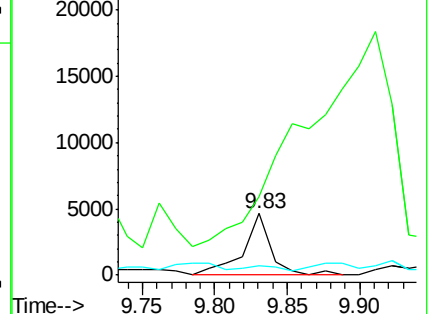
154 16.4 44.3 66.5#

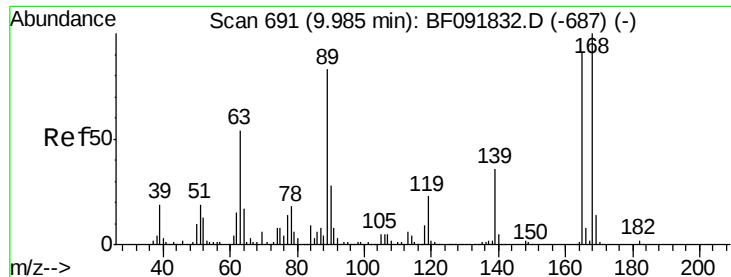


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

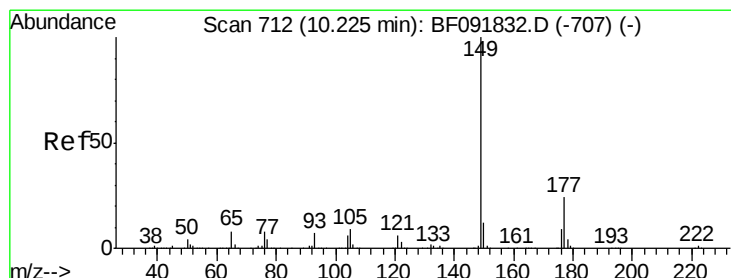
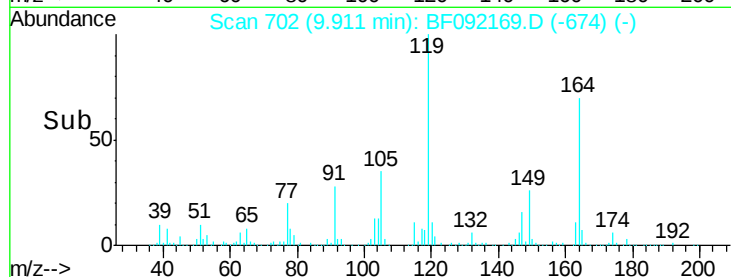
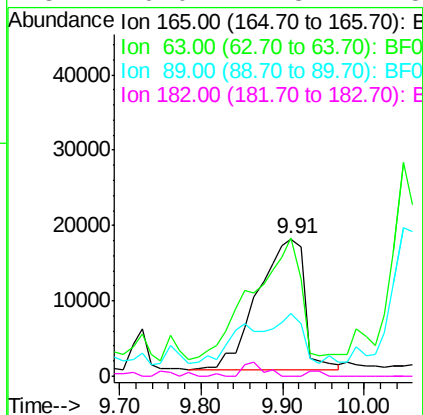
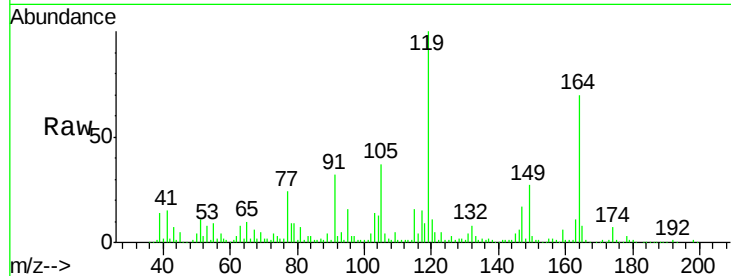




#56
2,4-Dinitrotoluene
Concen: 18.56 ng
RT: 9.91 min Scan# 702
Delta R.T. 0.02 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

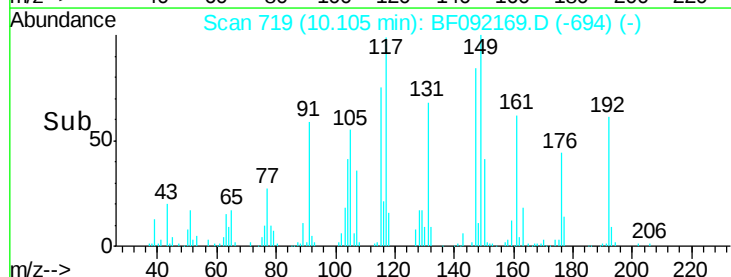
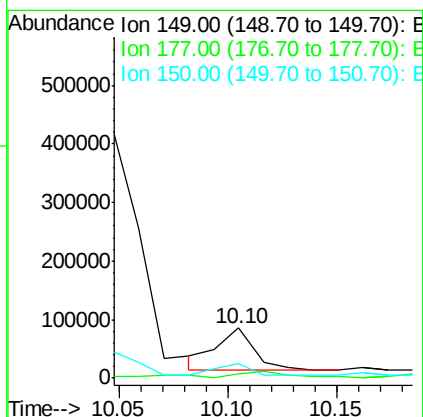
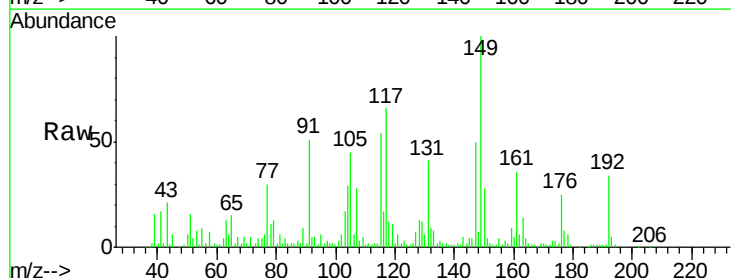
Instrument :
BNA_F
ClientSampleId :
W-15

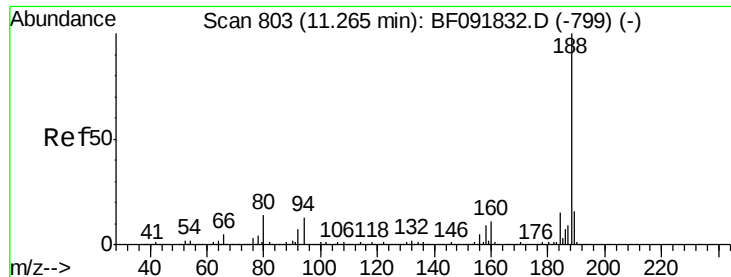
Tgt Ion:165 Resp: 70004
Ion Ratio Lower Upper
165 100
63 100.7 40.2 60.4#
89 45.4 62.5 93.7#
182 0.0 1.8 2.8#



#59
Diethylphthalate
Concen: 6.69 ng
RT: 10.10 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:149 Resp: 89169
Ion Ratio Lower Upper
149 100
177 8.4 16.6 25.0#
150 28.4 10.4 15.6#

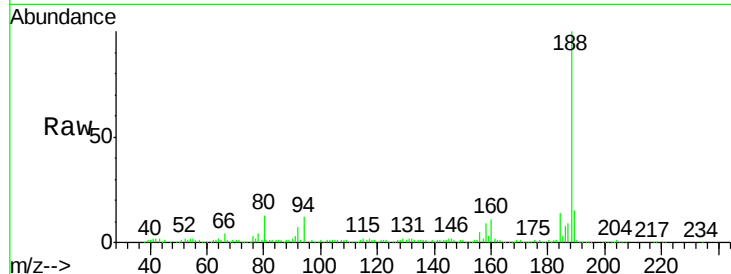




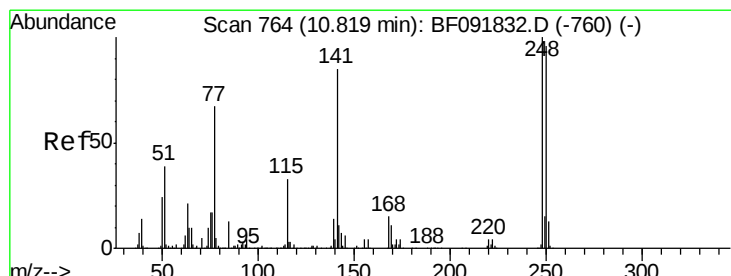
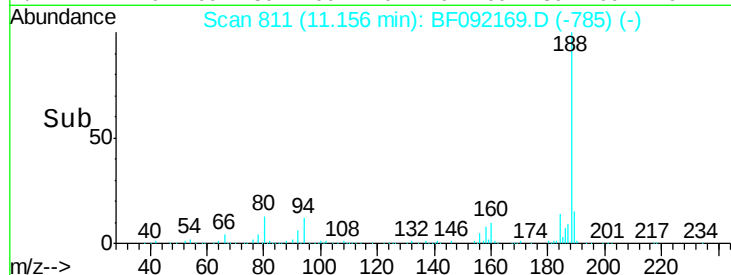
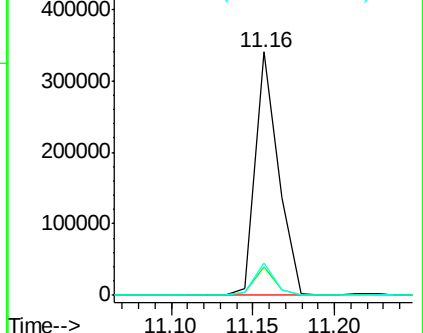
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion:188 Resp: 334371
Ion Ratio Lower Upper
188 100
94 11.8 10.0 15.0
80 13.2 11.2 16.8

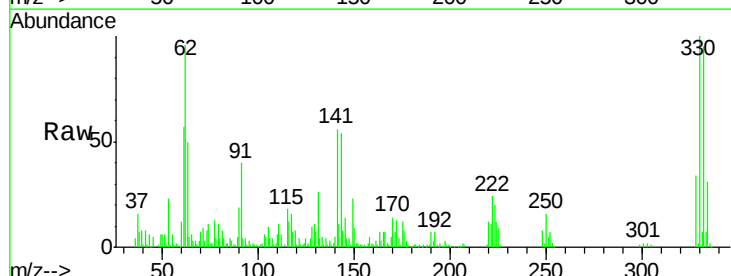


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

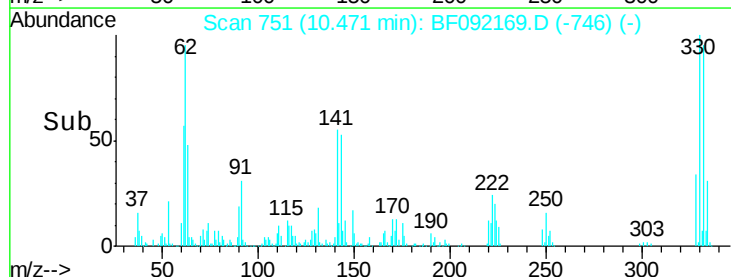
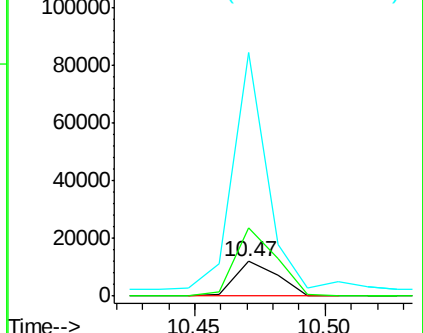


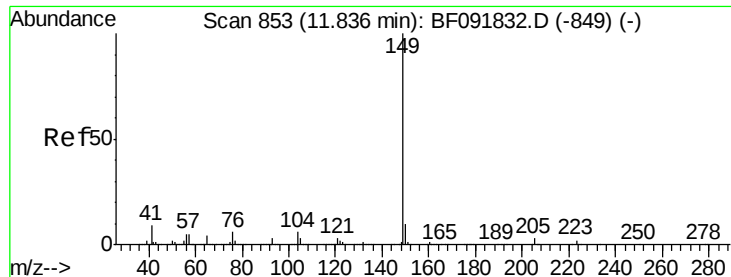
#66
4-Bromophenyl-phenylether
Concen: 3.89 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:248 Resp: 13545
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 708.4 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

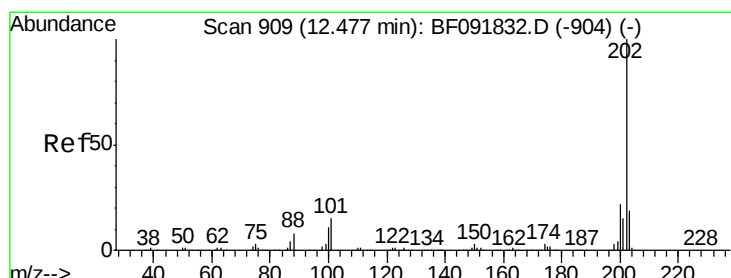
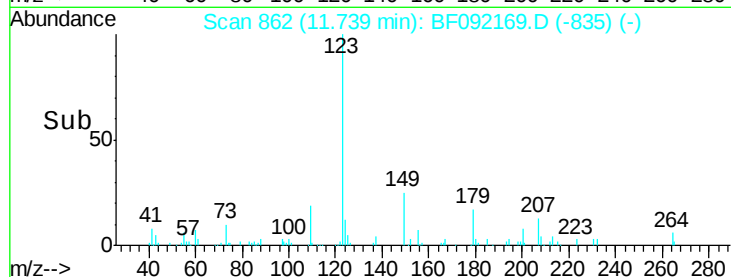
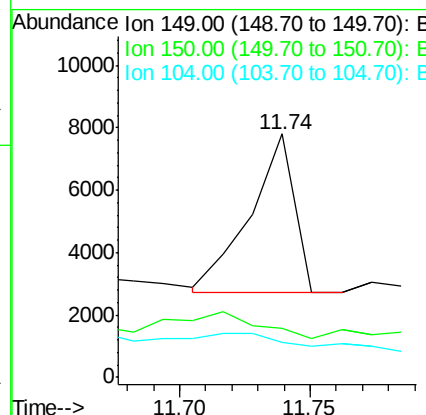
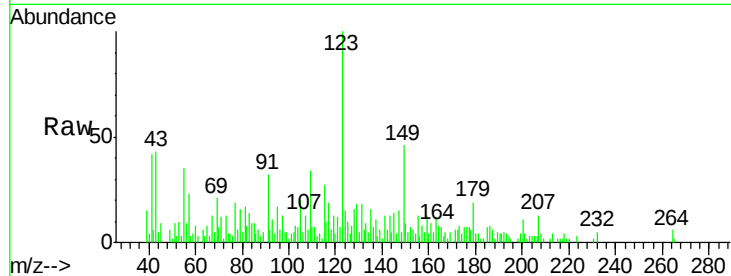




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.74 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

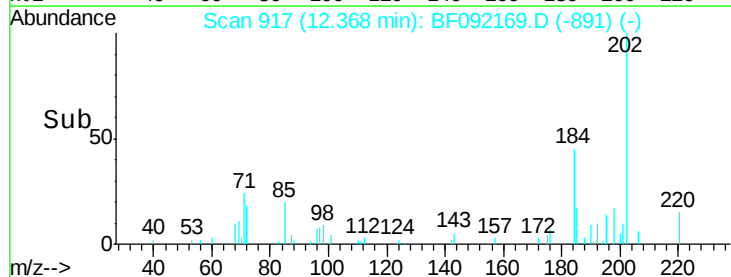
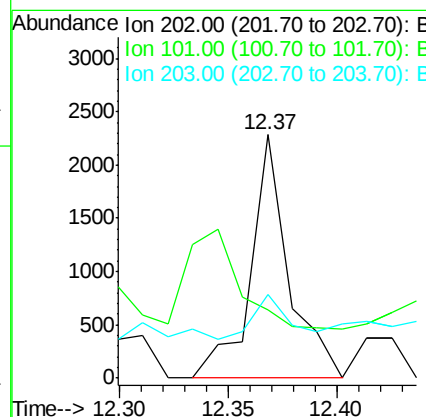
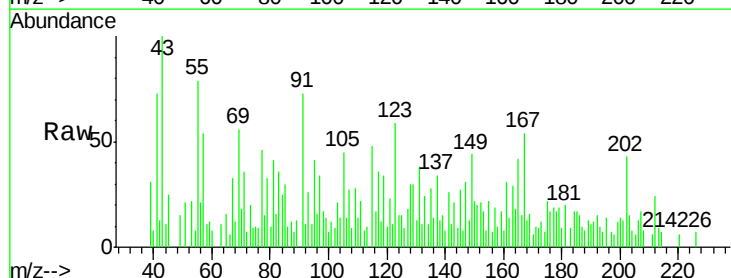
Instrument :
BNA_F
ClientSampleId :
W-15

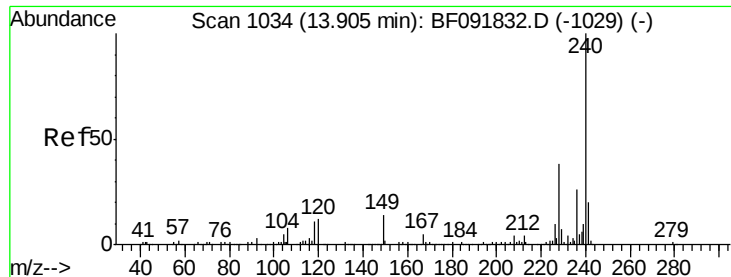
Tgt Ion:149 Resp: 6073
Ion Ratio Lower Upper
149 100
150 20.2 8.1 12.1#
104 14.6 4.6 7.0#



#74
Fluoranthene
Concen: Below Cal
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Tgt Ion:202 Resp: 2770
Ion Ratio Lower Upper
202 100
101 27.9 0.0 34.6
203 34.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

Instrument :

BNA_F

ClientSampleId :

W-15

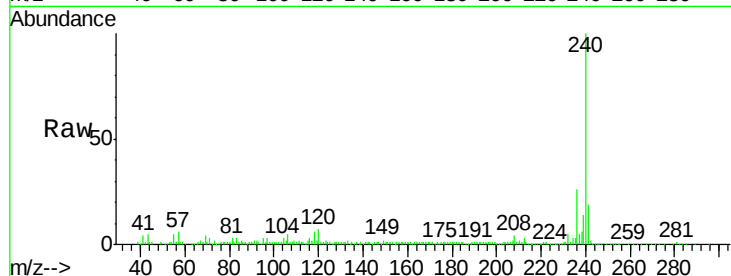
Tgt Ion:240 Resp: 206629

Ion Ratio Lower Upper

240 100

120 6.8 12.9 19.3#

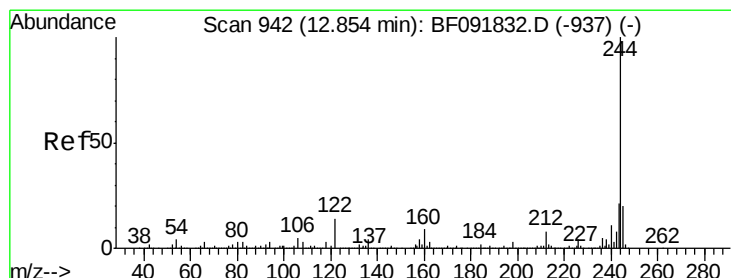
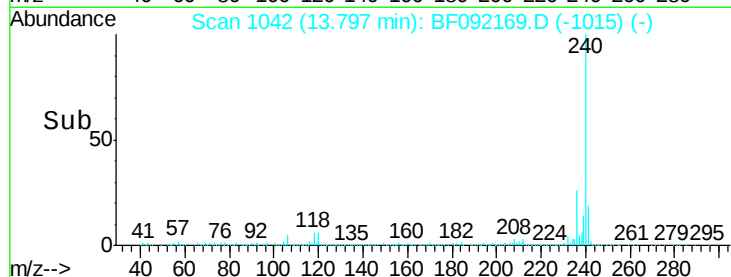
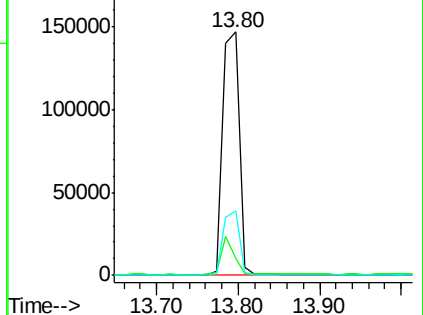
236 26.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 107.06 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092169.D

Acq: 10 Jan 2017 5:31

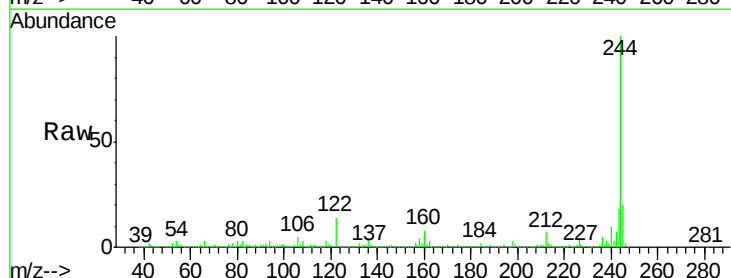
Tgt Ion:244 Resp: 912114

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

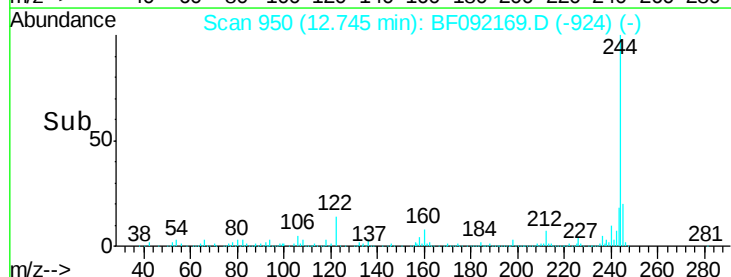
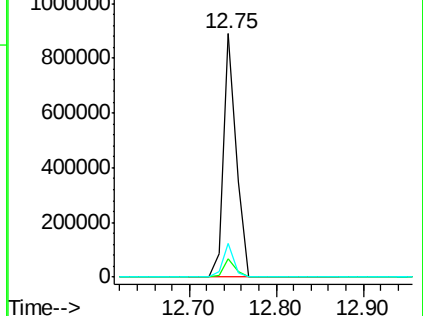
122 13.6 11.4 17.2

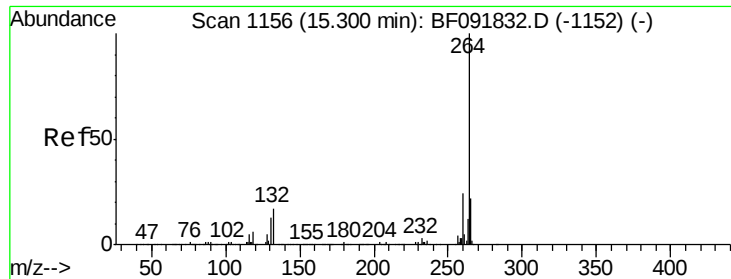


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BF092169.D
Acq: 10 Jan 2017 5:31

Instrument :
BNA_F
ClientSampleId :
W-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.4	26.0

