

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092549.D
 Acq On : 27 Jan 2017 2:26
 Operator : SJ/MA
 Sample : I1452-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Quant Time: Jan 27 04:52:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

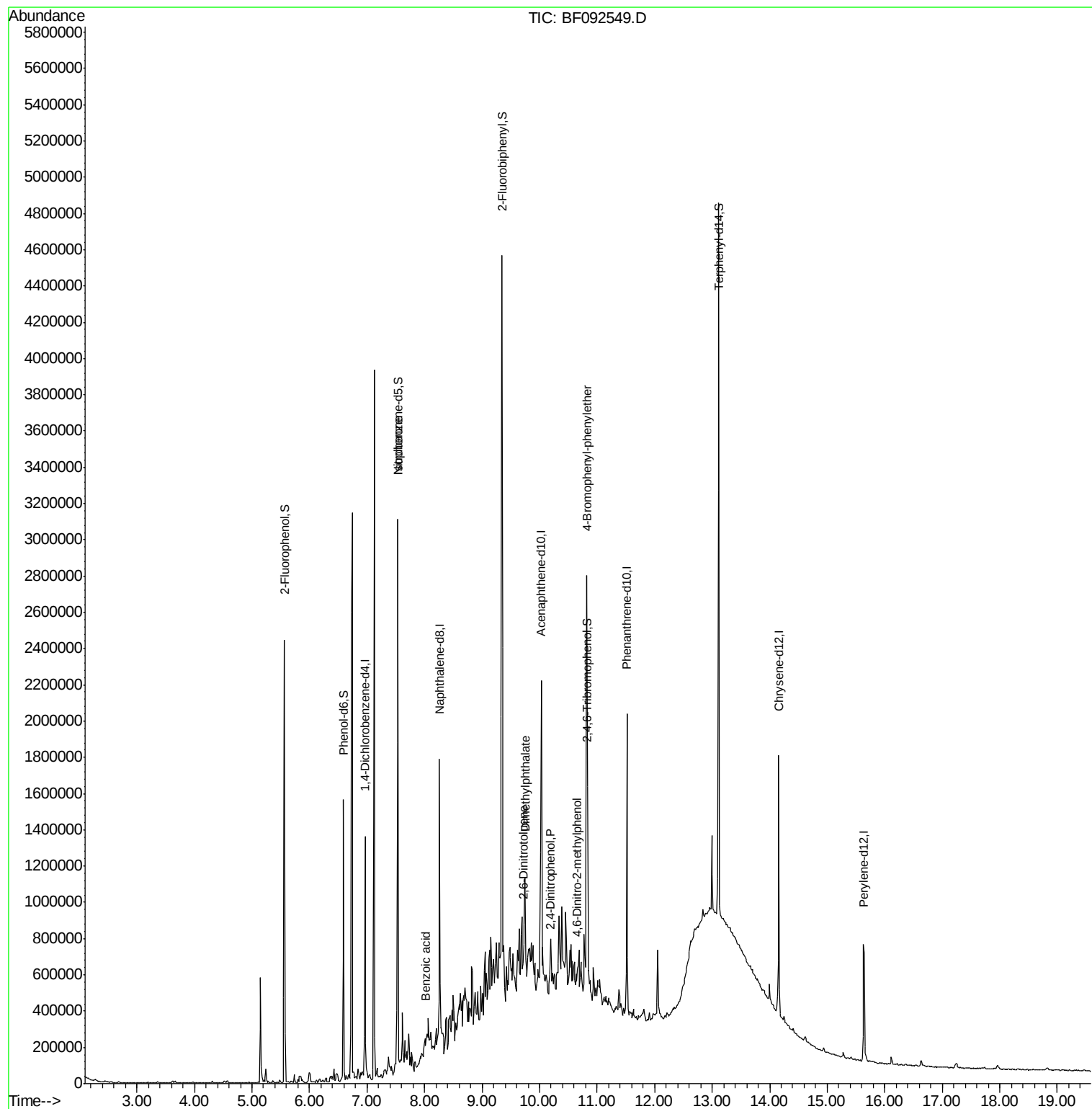
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174877	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	670620	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	397397	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	600707	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	476913	20.00	ng	-0.01
86) Perylene-d12	15.64	264	364440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	595047	52.94	ng	0.01
7) Phenol-d6	6.59	99	552872	38.62	ng	0.00
23) Nitrobenzene-d5	7.54	82	1213746	98.87	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	378802	139.88	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1825248	84.93	ng	-0.01
78) Terphenyl-d14	13.12	244	1635264	91.31	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	1130851	46.74	ng	# 65
32) Benzoic acid	8.02	122	1281	4.83	ng	# 54
49) Dimethylphthalate	9.74	163	188365	7.45	ng	99
50) 2,6-Dinitrotoluene	9.72	165	10407	2.01	ng	# 66
53) 2,4-Dinitrophenol	10.18	184	1531	3.80	ng	# 9
64) 4,6-Dinitro-2-methylphenol	10.65	198	1471	5.36	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	26851	4.43	ng	# 1

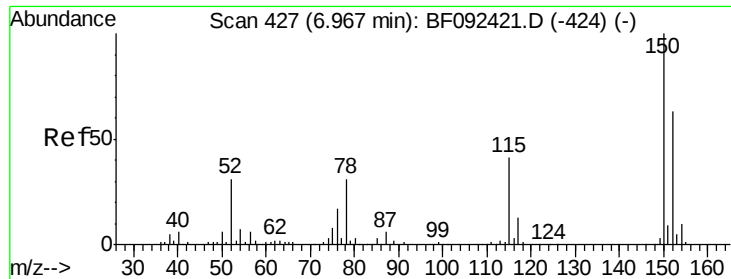
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampleId :

W-38

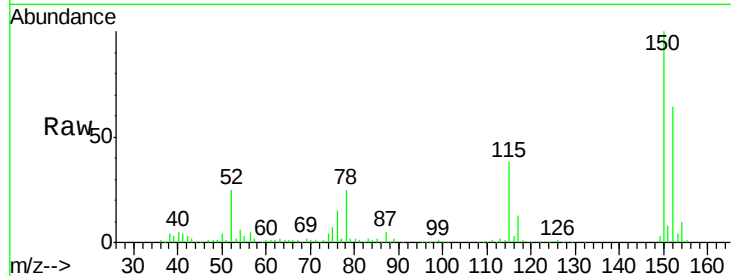
Tgt Ion:152 Resp: 174877

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

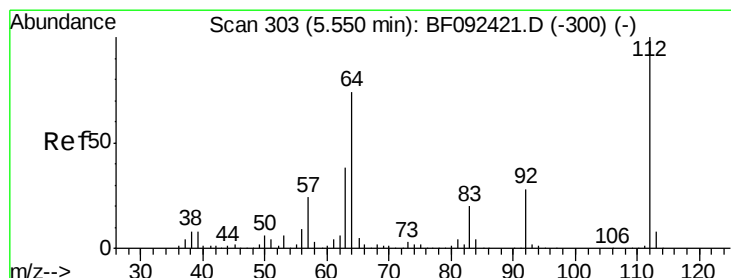
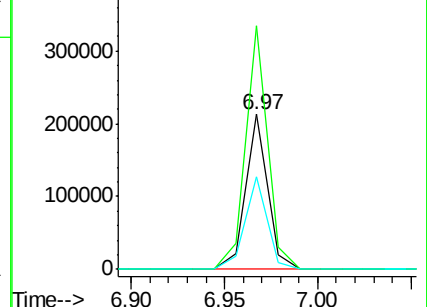
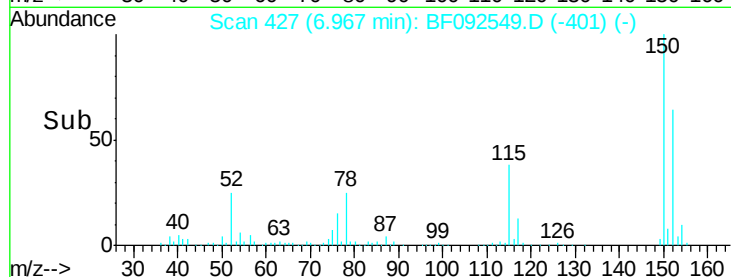
115 59.5 46.0 69.0



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: 52.94 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

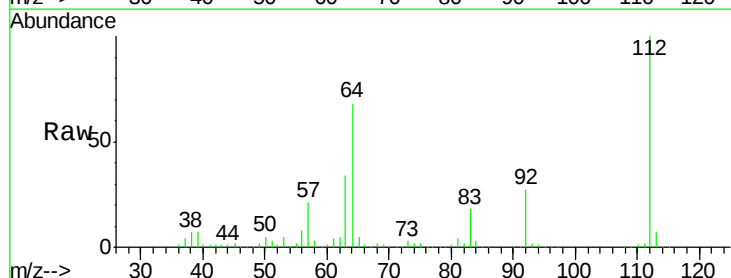
Tgt Ion:112 Resp: 595047

Ion Ratio Lower Upper

112 100

64 68.4 46.1 69.1

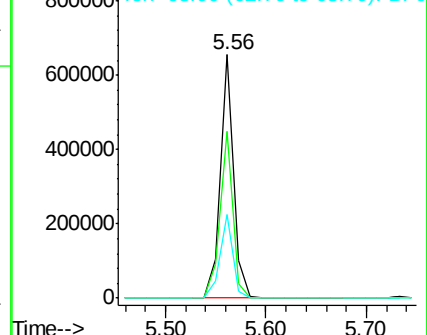
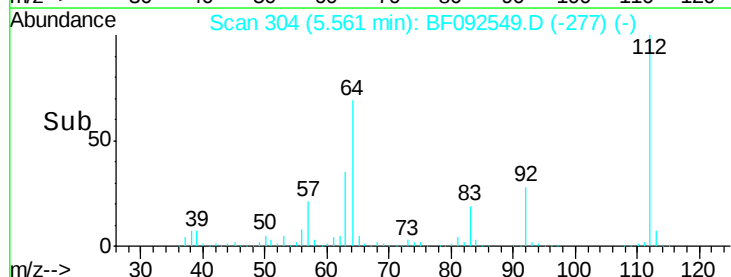
63 34.4 23.8 35.6

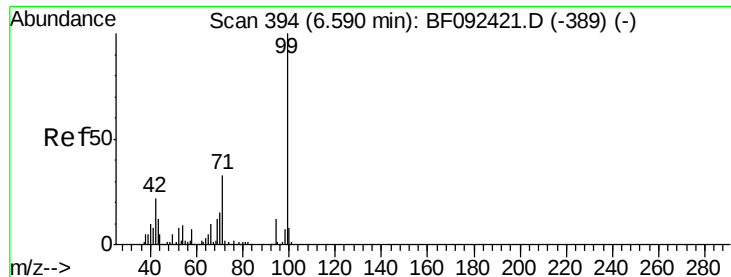


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.62 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

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ClientSampleId :

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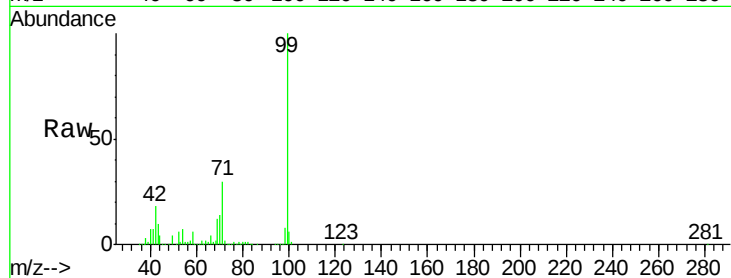
Tgt Ion: 99 Resp: 552872

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

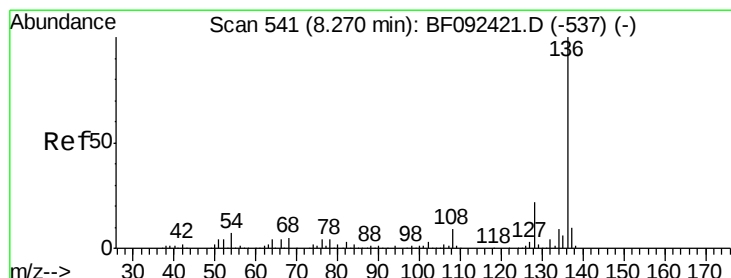
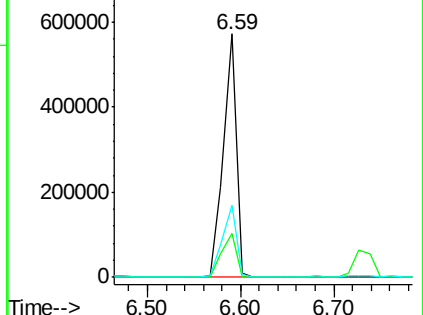
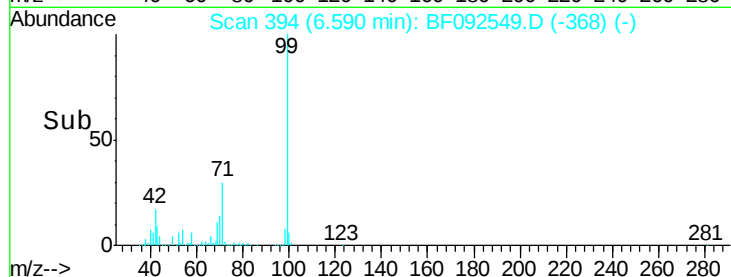
71 29.7 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Tgt Ion: 136 Resp: 670620

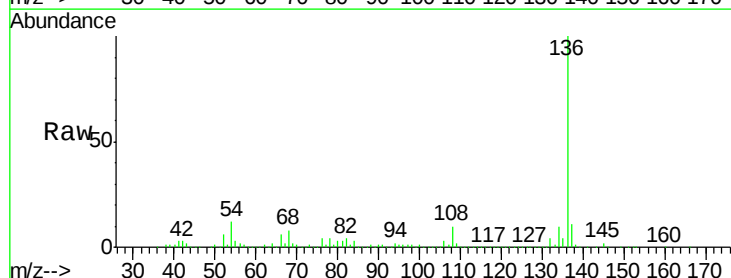
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.0 4.5 6.7#

68 8.3 3.6 5.4#

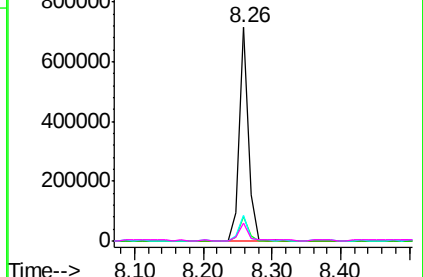
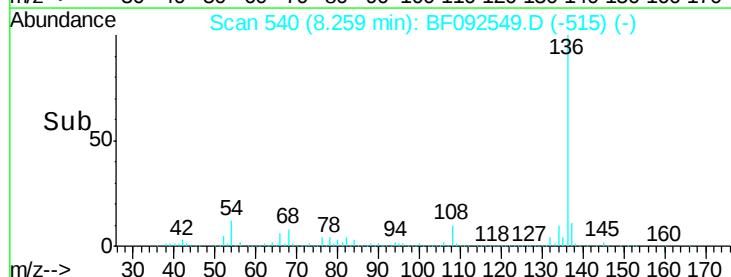


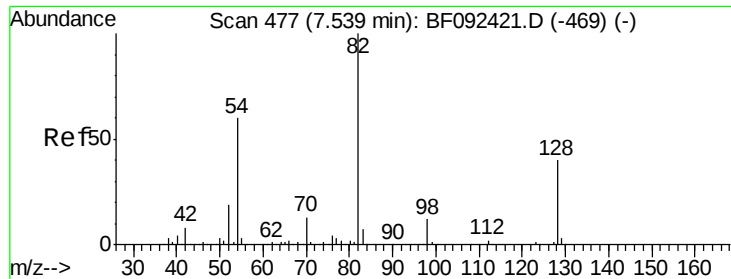
Abundance Ion 136.00 (135.70 to 136.70): E

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

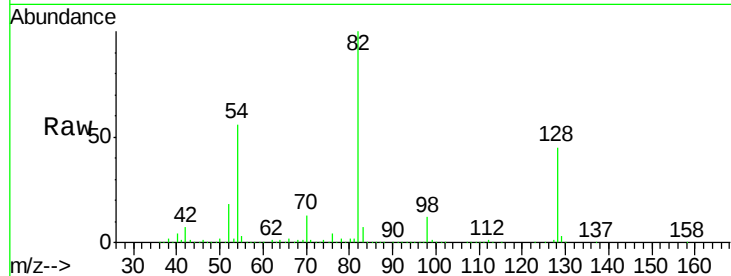




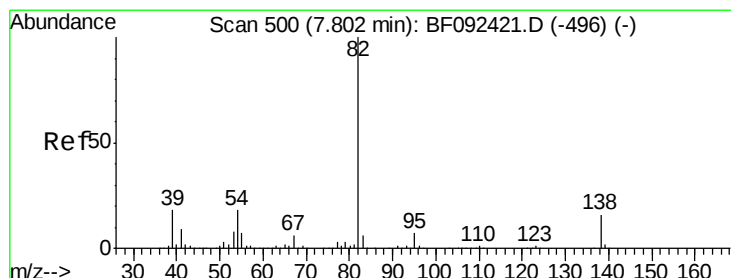
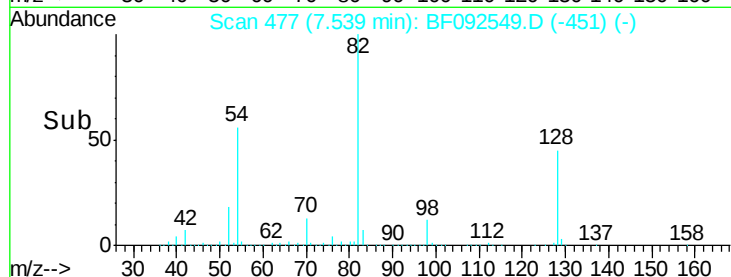
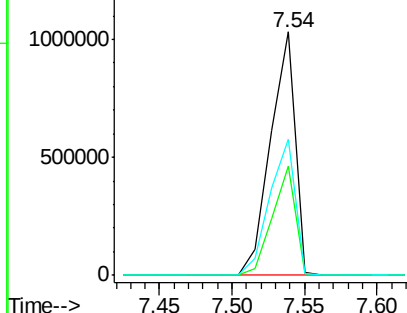
#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1213746
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 52.0
 54 56.0 39.5 59.3

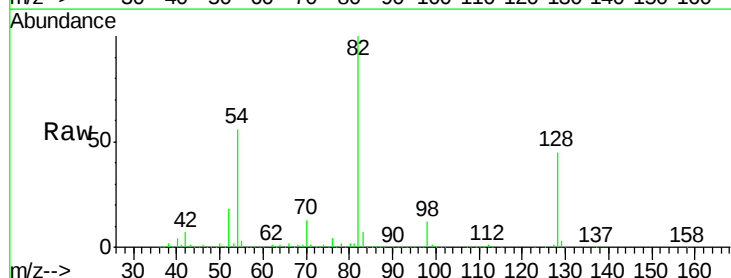


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

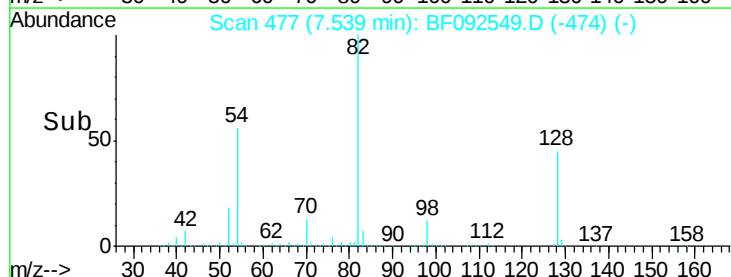
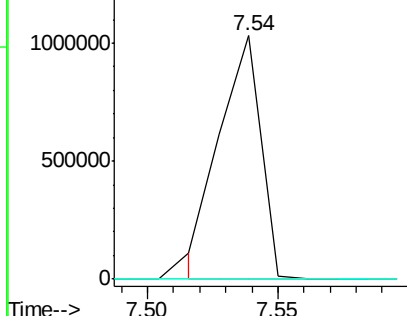


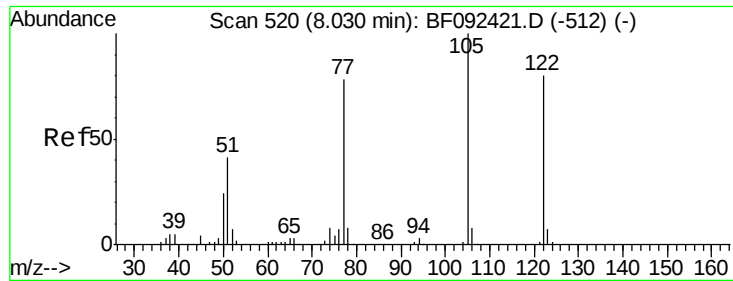
#25
 Isophorone
 Concen: 46.74 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Tgt Ion: 82 Resp: 1130851
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

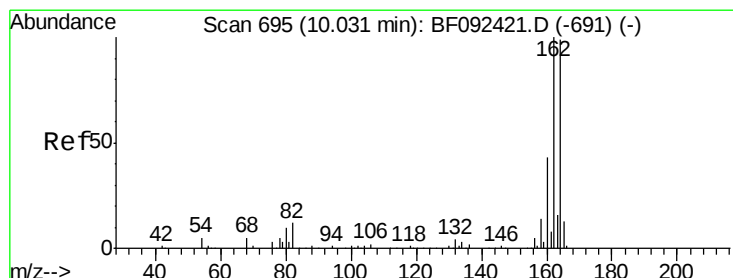
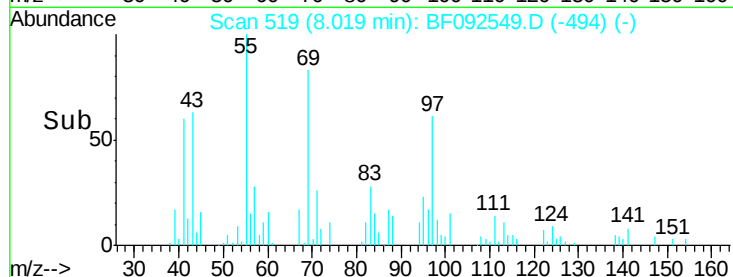
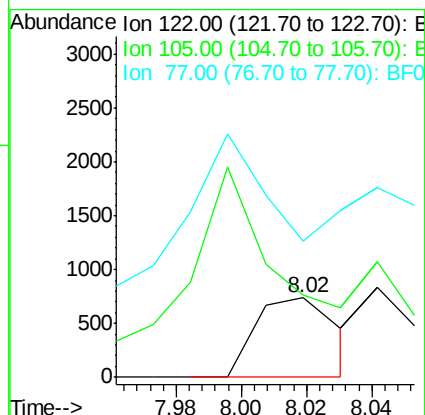
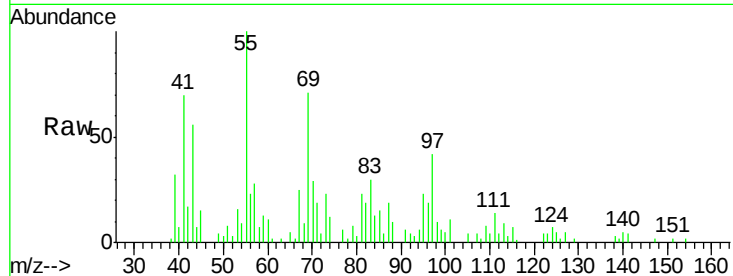




#32
Benzoic acid
Concen: 4.83 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

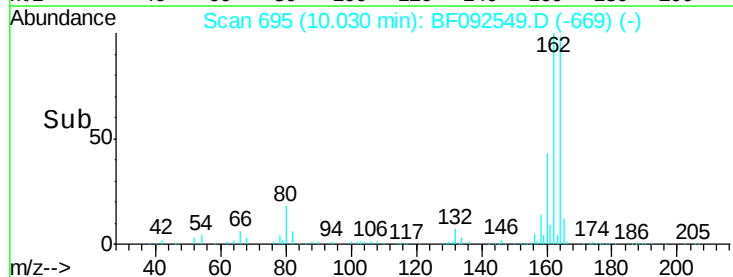
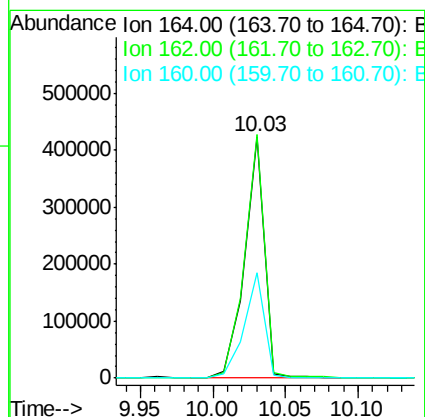
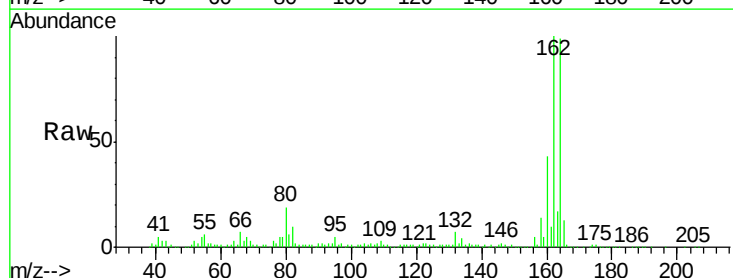
Instrument :
BNA_F
ClientSampleId :
W-38

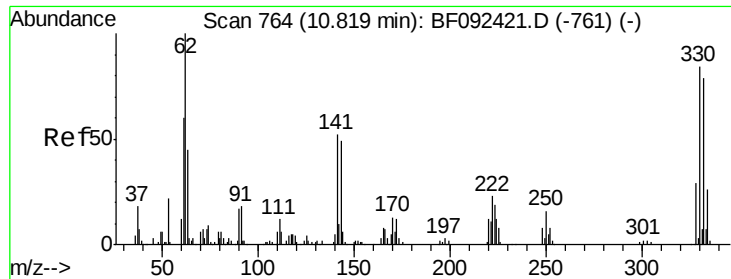
Tgt Ion:122 Resp: 1281
Ion Ratio Lower Upper
122 100
105 102.6 107.2 147.2#
77 170.8 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Tgt Ion:164 Resp: 397397
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 43.7 36.9 55.3

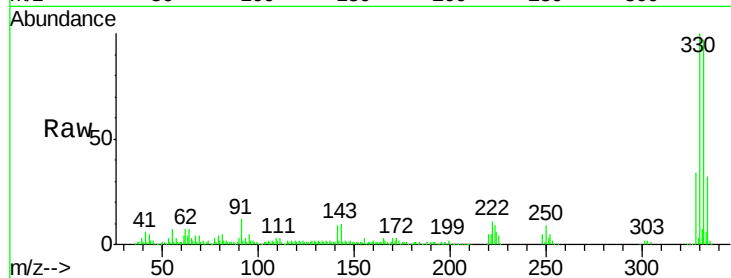




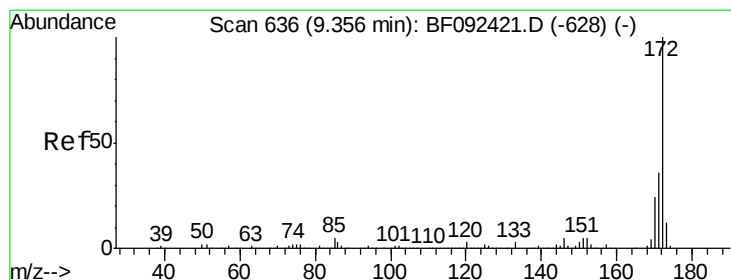
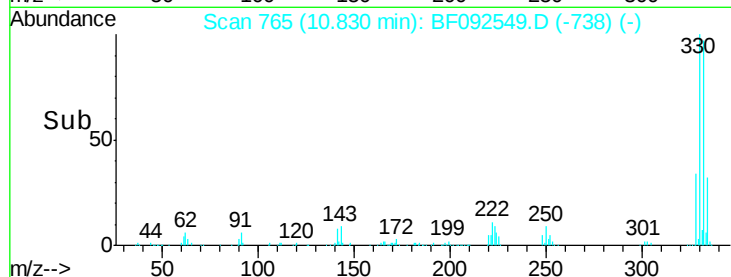
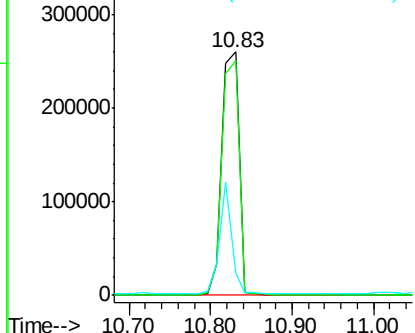
#41
 2,4,6-Tribromophenol
 Concen: 139.88 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 W-38

Tgt Ion:330 Resp: 378802
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.0 34.1 51.1#

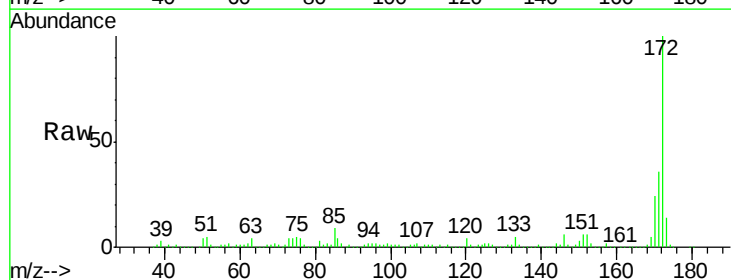


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

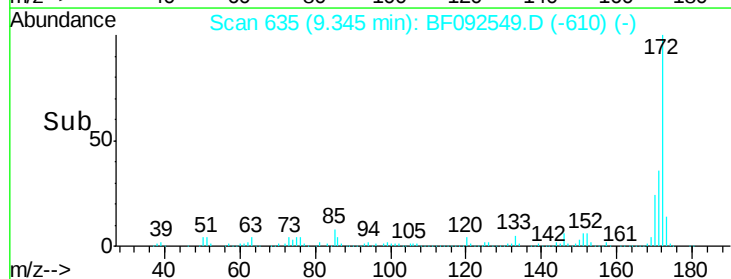
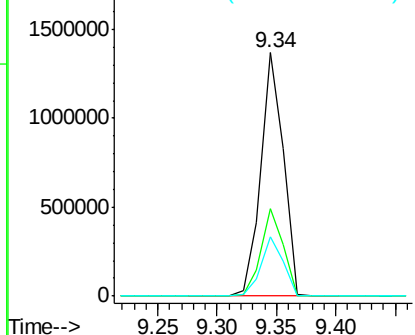


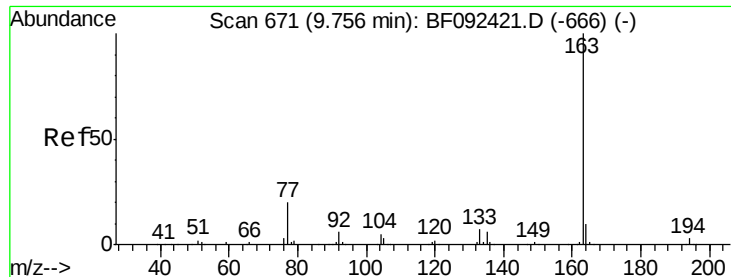
#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092549.D
 Acq: 27 Jan 2017 2:26

Tgt Ion:172 Resp: 1825248
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.1 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

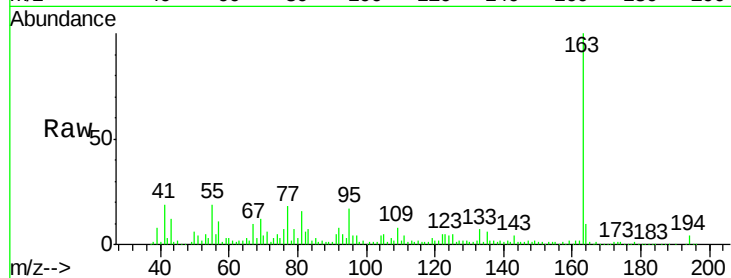




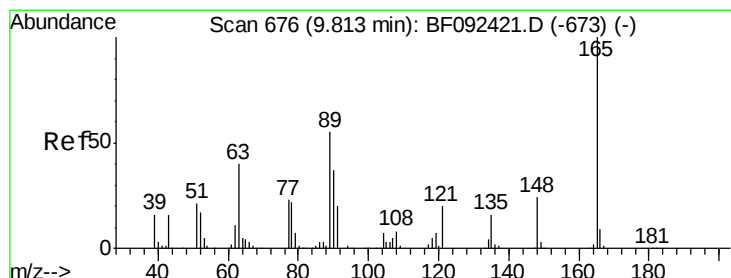
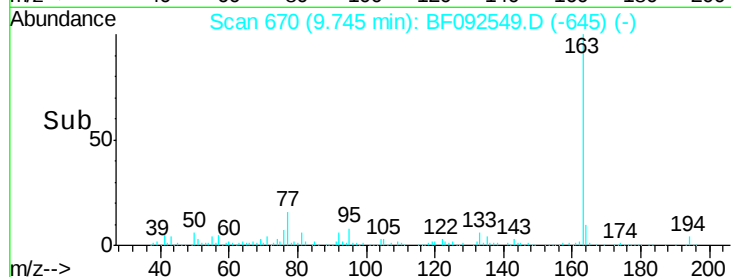
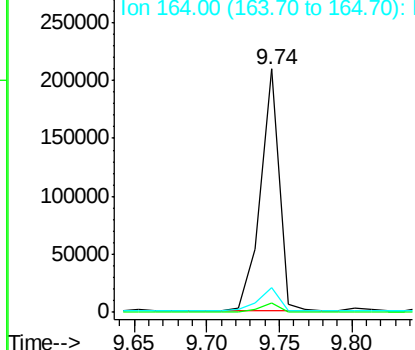
#49
Dimethylphthalate
Concen: 7.45 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 188365
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.0 12.0

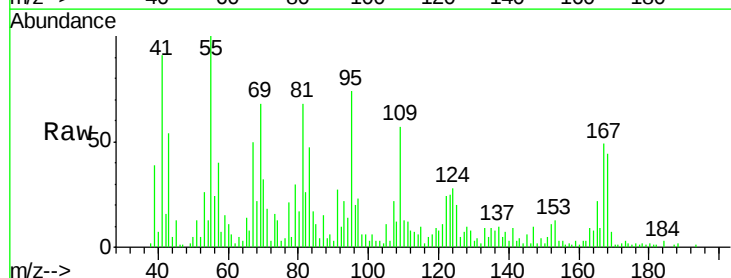


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

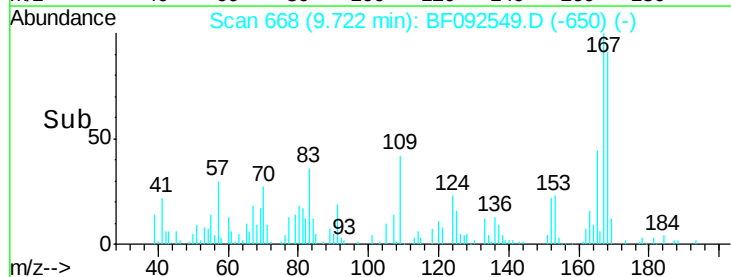
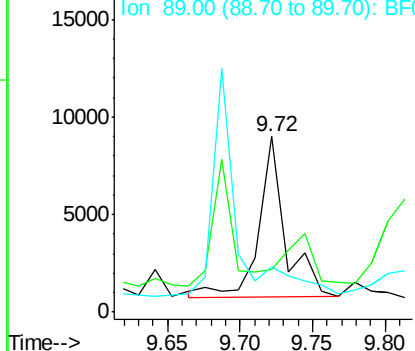


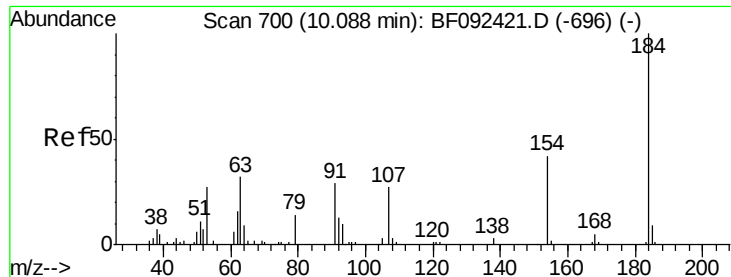
#50
2,6-Dinitrotoluene
Concen: 2.01 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.09 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Tgt Ion:165 Resp: 10407
Ion Ratio Lower Upper
165 100
63 24.4 36.2 54.4#
89 25.9 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

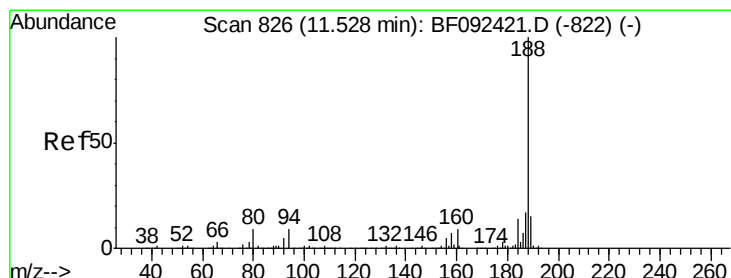
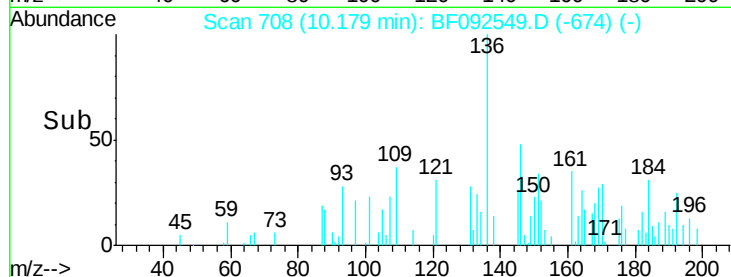
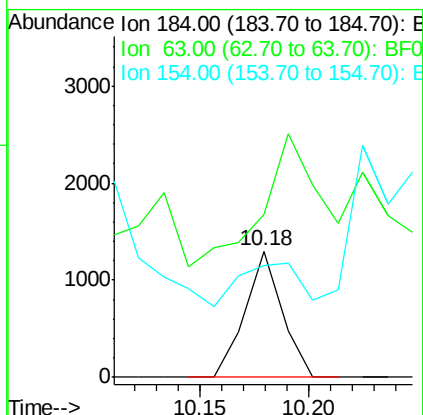
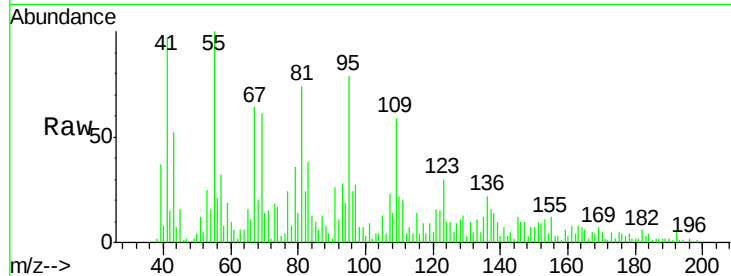




#53
2,4-Dinitrophenol
Concen: 3.80 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.09 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

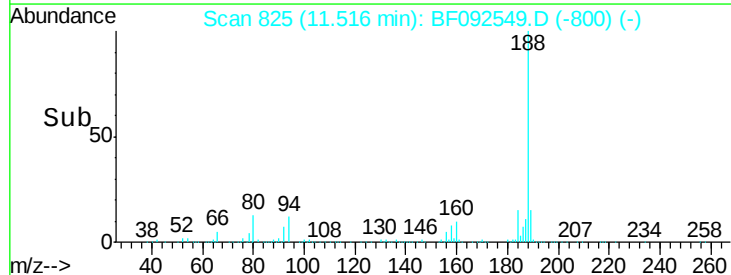
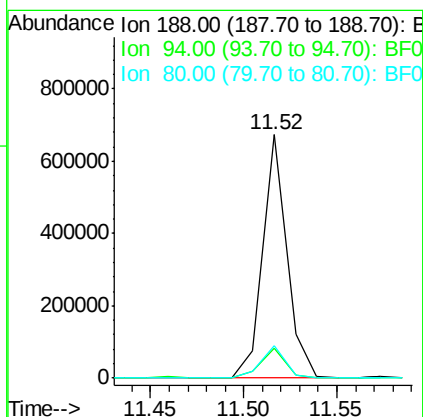
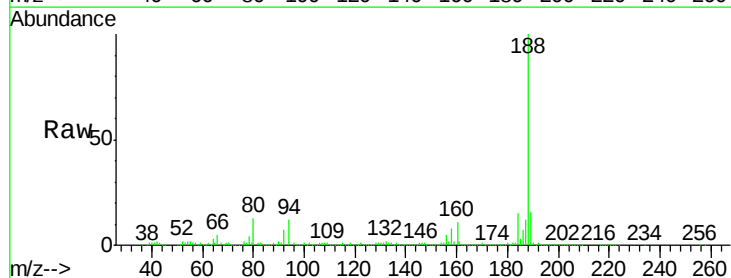
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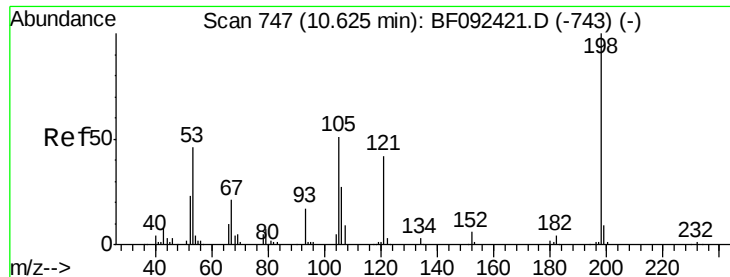
Tgt Ion:184 Resp: 1531
Ion Ratio Lower Upper
184 100
63 129.1 28.4 42.6#
154 88.7 44.3 66.5#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Tgt Ion:188 Resp: 600707
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.4 11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.36 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampled :

W-38

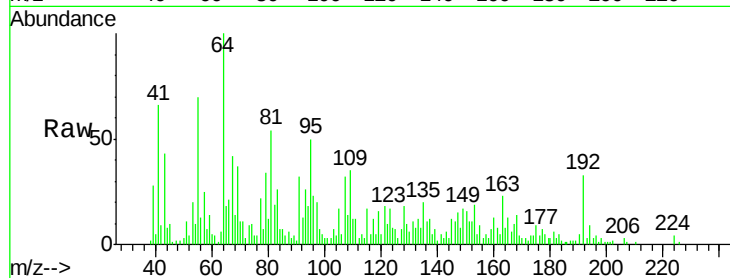
Tgt Ion:198 Resp: 1471

Ion Ratio Lower Upper

198 100

51 360.7 6.7 46.7#

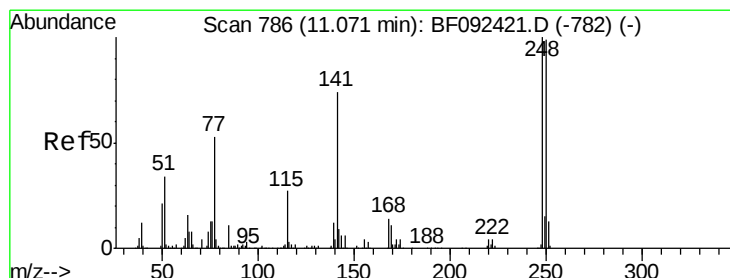
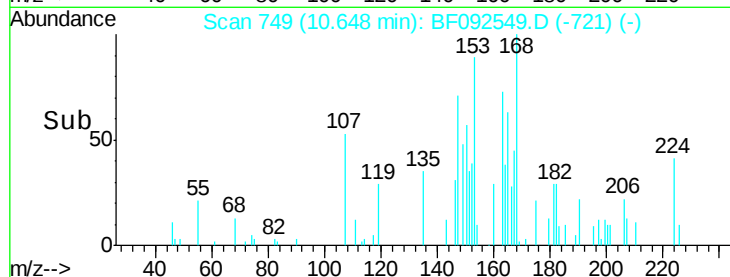
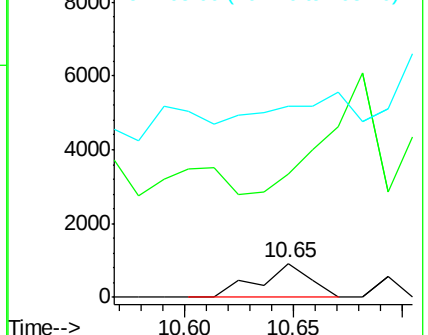
105 560.5 16.6 56.6#



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



#66

4-Bromophenyl-phenylether

Concen: 4.43 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

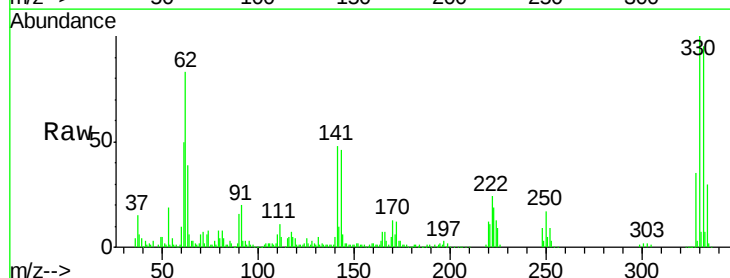
Tgt Ion:248 Resp: 26851

Ion Ratio Lower Upper

248 100

250 189.2 76.9 115.3#

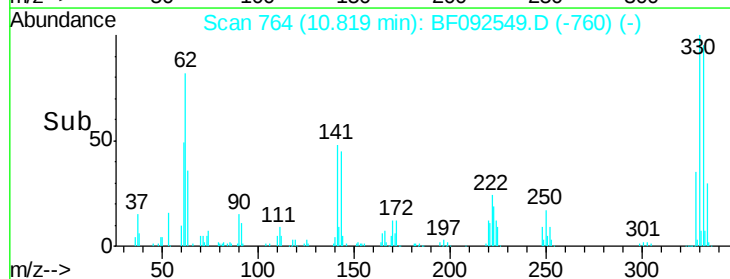
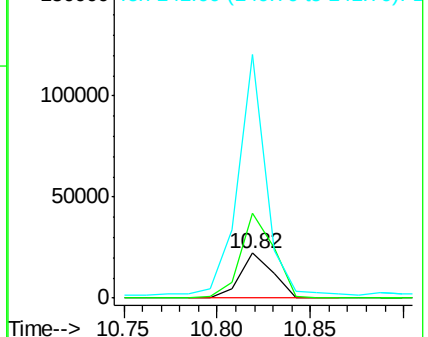
141 544.8 68.2 102.4#

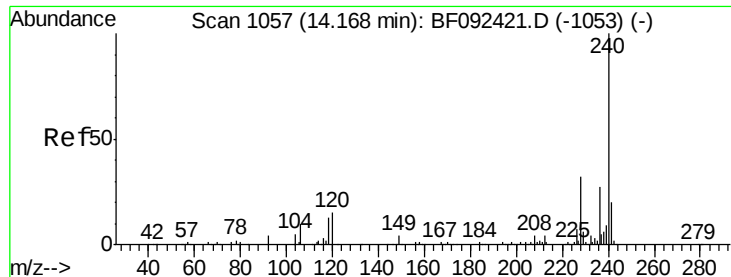


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

Instrument :

BNA_F

ClientSampleId :

W-38

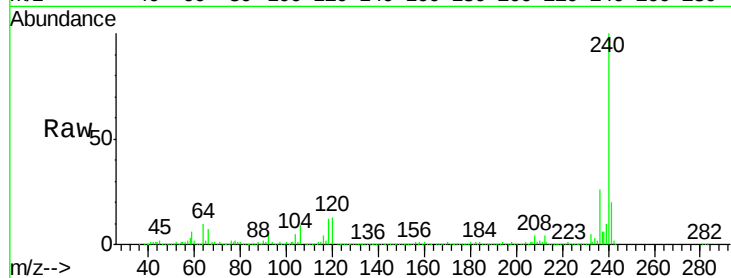
Tgt Ion:240 Resp: 476913

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

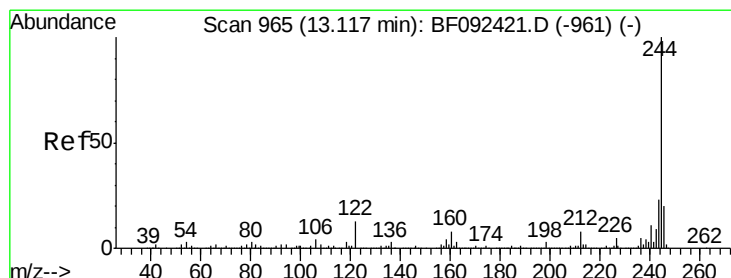
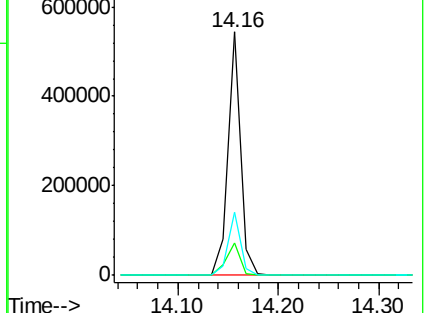
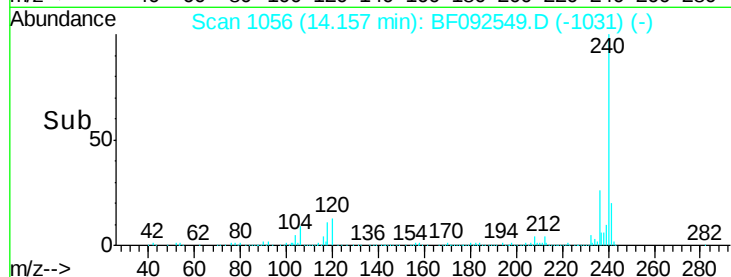
236 26.2 20.9 31.3



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: 91.31 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092549.D

Acq: 27 Jan 2017 2:26

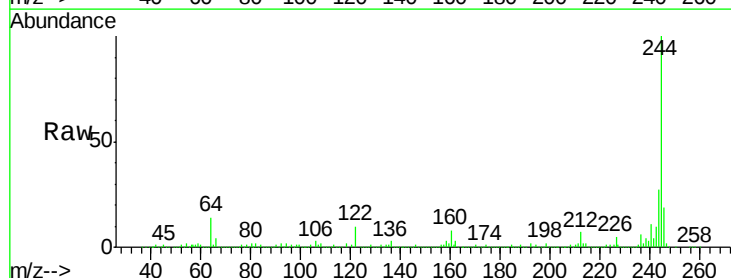
Tgt Ion:244 Resp: 1635264

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

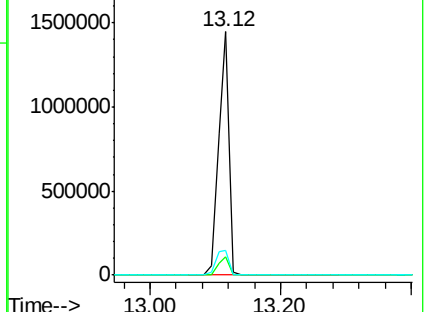
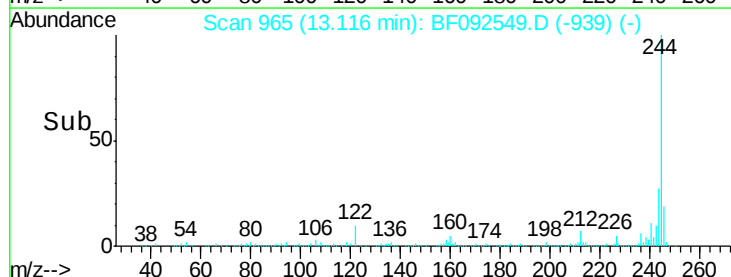
122 10.1 11.4 17.2#

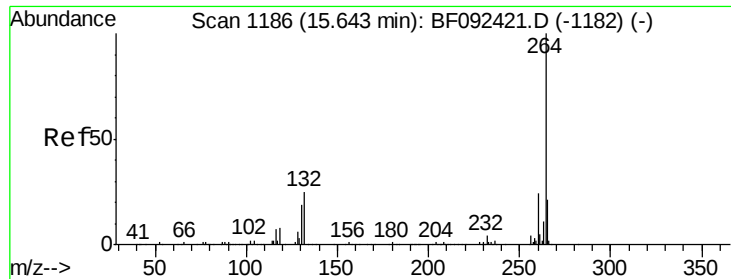


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.64 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF092549.D
Acq: 27 Jan 2017 2:26

Instrument :
BNA_F
ClientSampleId :
W-38

Tgt Ion: 264 Resp: 364440
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.4 17.4 26.0

