

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092546.D
 Acq On : 27 Jan 2017 1:04
 Operator : SJ/MA
 Sample : I1451-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-34

Quant Time: Jan 27 01:42:16 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	166575	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	642842	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	356974	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	602649	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	466118	20.00	ng	-0.01
86) Perylene-d12	15.63	264	348462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	635337	59.34	ng	0.01
7) Phenol-d6	6.59	99	633583	46.46	ng	0.00
23) Nitrobenzene-d5	7.54	82	1195655	101.60	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	336214	138.21	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1714530	88.81	ng	-0.01
78) Terphenyl-d14	13.10	244	1446641	82.64	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	24453	2.53	ng	84
19) n-Nitroso-di-n-propylamine	7.54	70	161377	17.38	ng	# 79
25) Isophorone	7.54	82	1118580	48.23	ng	# 65
32) Benzoic acid	8.02	122	1367	4.85	ng	# 27
49) Dimethylphthalate	9.74	163	175347	7.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	407	5.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	25855	4.25	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

Instrument :

BNA_F

ClientSampled :

W-34

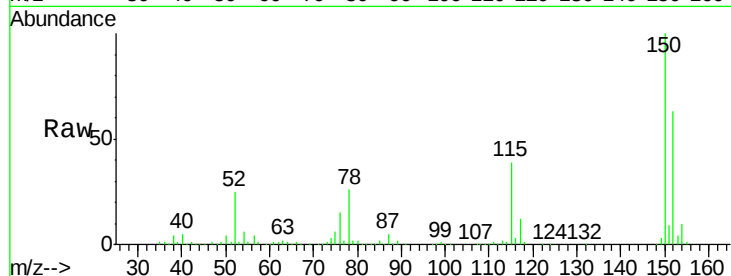
Tgt Ion:152 Resp: 166575

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

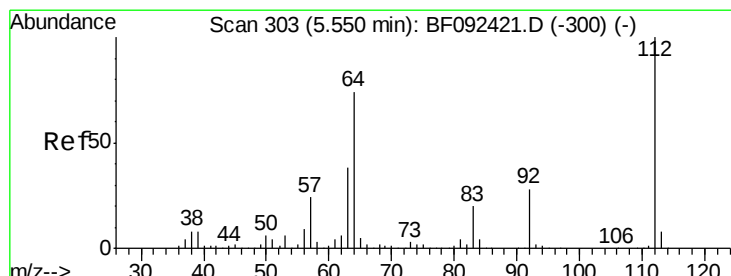
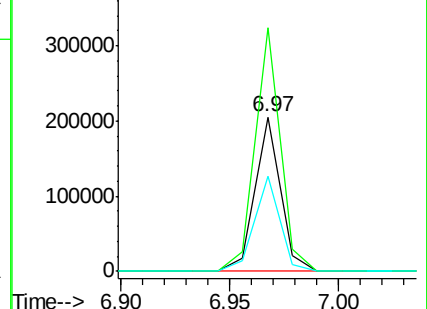
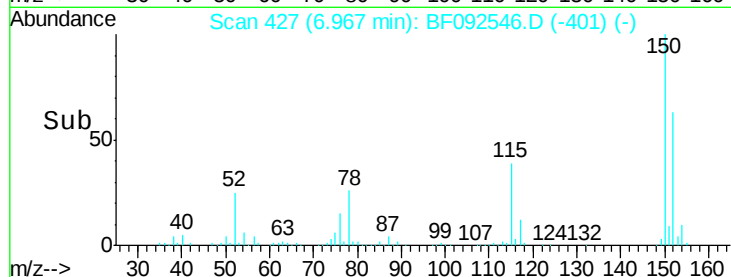
115 61.3 46.0 69.0



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: 59.34 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

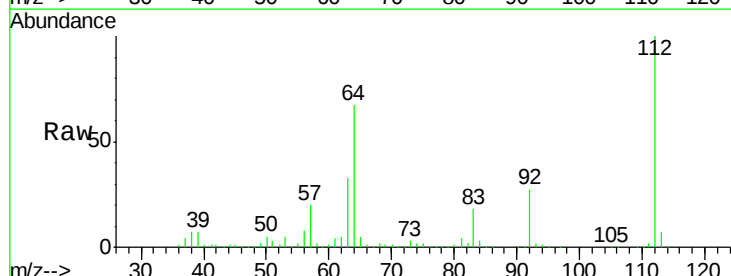
Tgt Ion:112 Resp: 635337

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

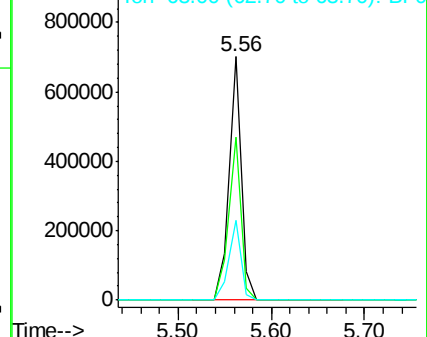
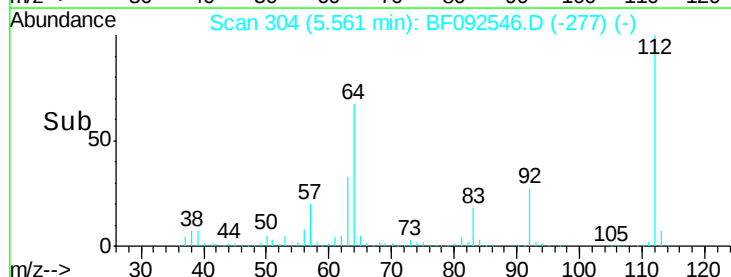
63 32.9 23.8 35.6

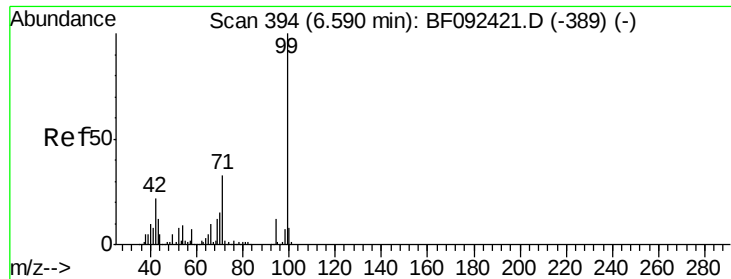


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

Instrument :

BNA_F

ClientSampleId :

W-34

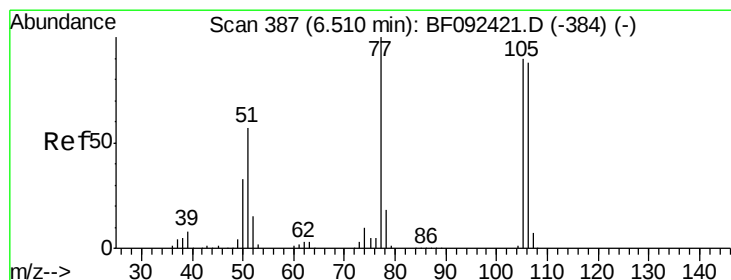
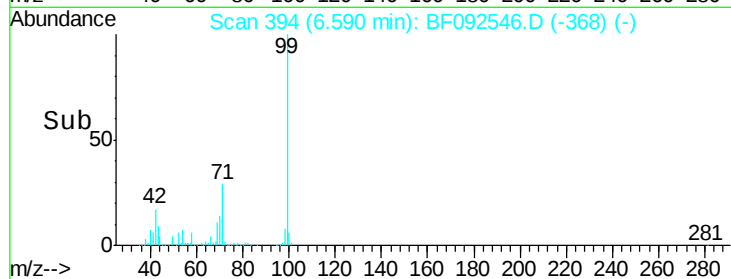
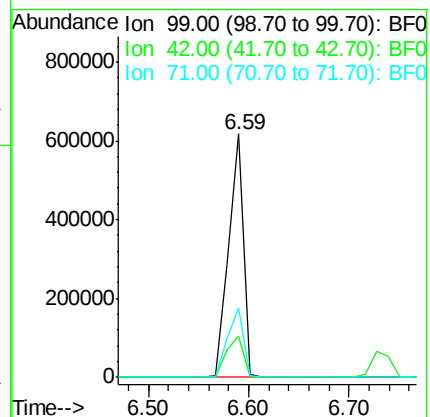
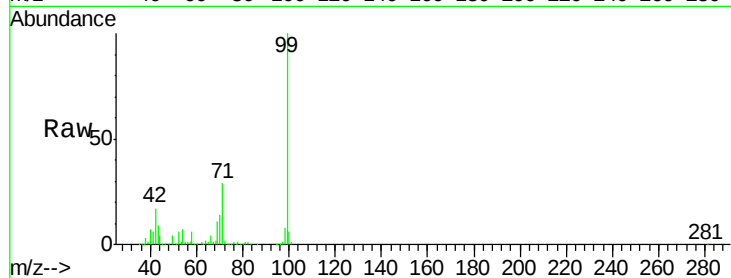
Tgt Ion: 99 Resp: 633583

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

71 28.8 27.5 41.3



#9

Benzaldehyde

Concen: 2.53 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.23 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

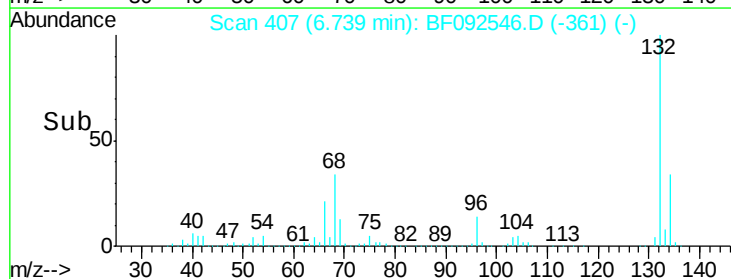
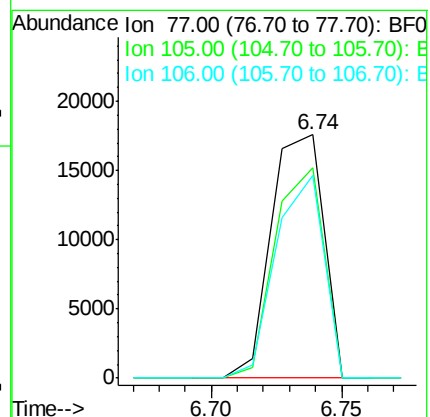
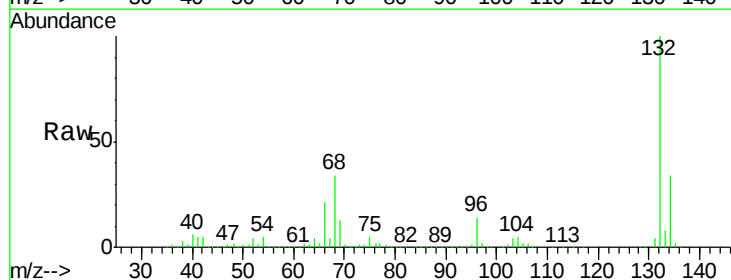
Tgt Ion: 77 Resp: 24453

Ion Ratio Lower Upper

77 100

105 86.3 83.9 123.9

106 83.0 77.6 117.6

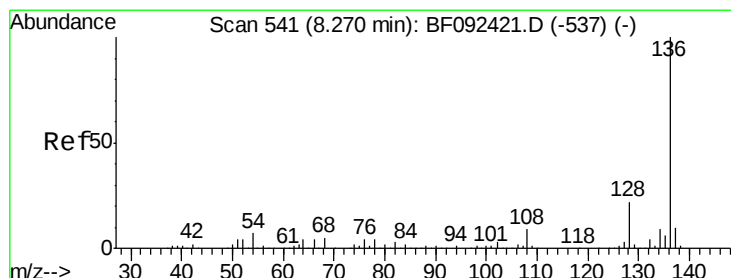
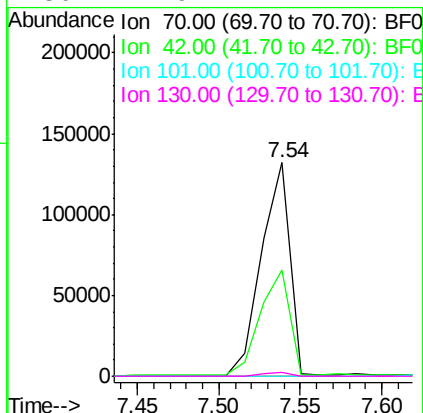
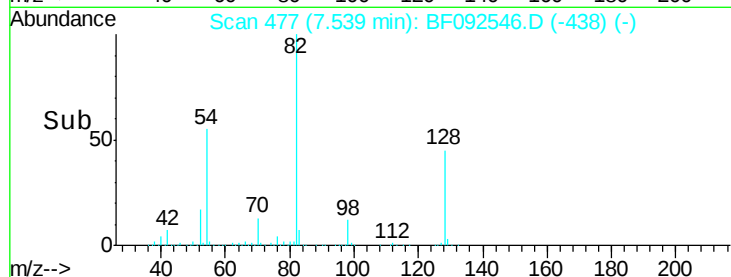
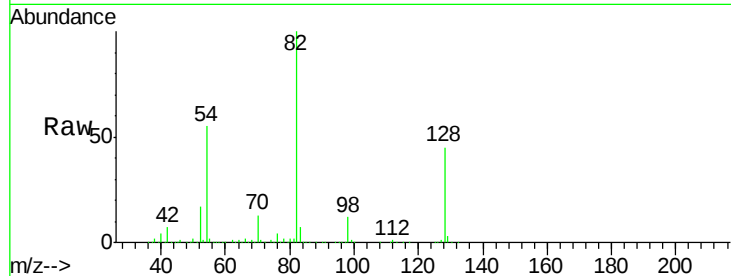




#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

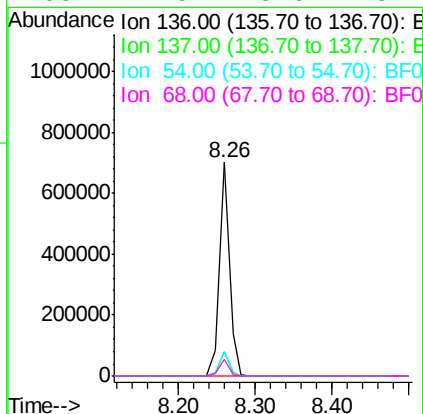
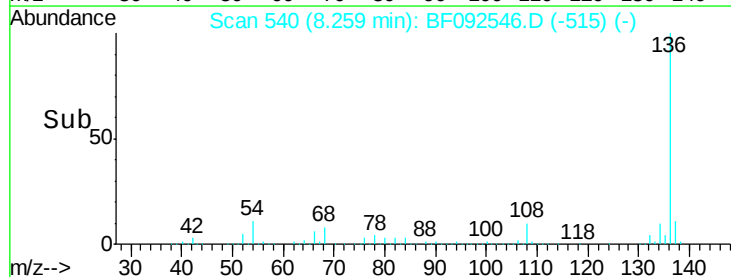
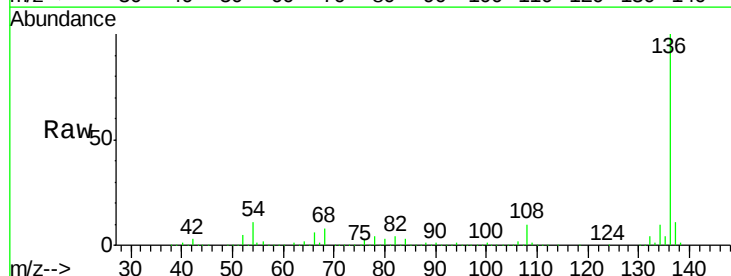
Instrument :
BNA_F
ClientSampleId :
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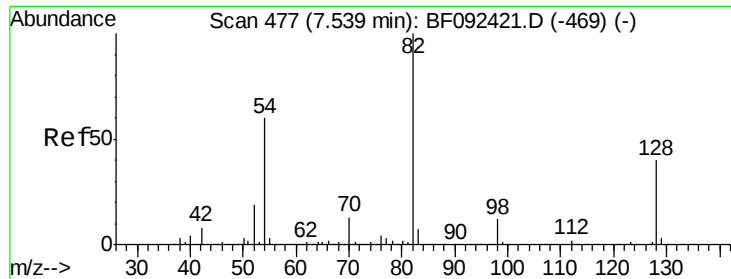
Tgt Ion: 70 Resp: 161377
Ion Ratio Lower Upper
70 100
42 49.8 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

Tgt Ion: 136 Resp: 642842
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 11.3 4.5 6.7#
68 7.5 3.6 5.4#

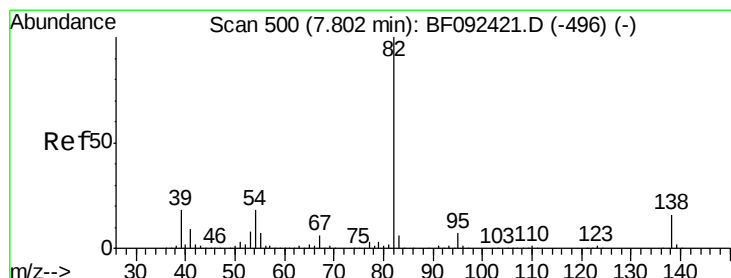
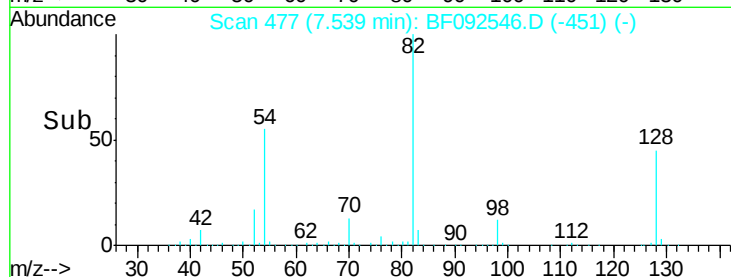
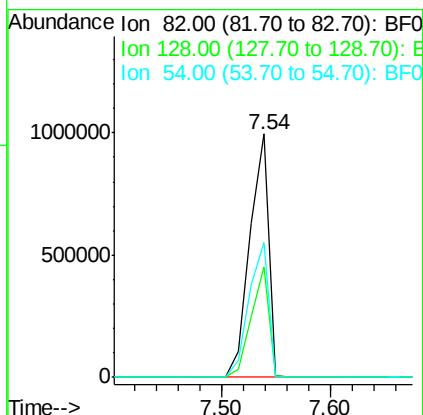
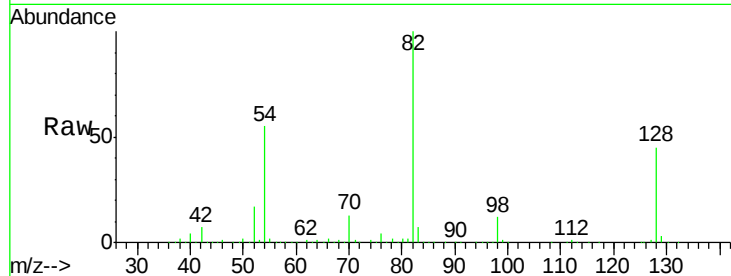




#23
Nitrobenzene-d5
Concen: 101.60 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

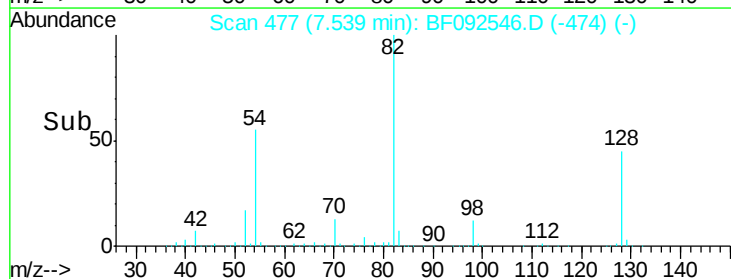
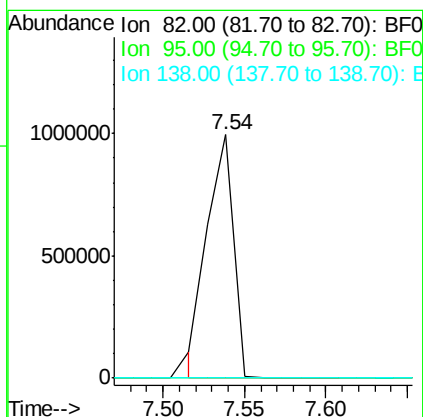
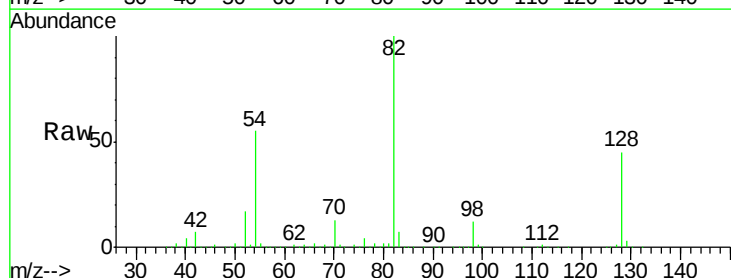
Instrument :
BNA_F
ClientSampleId :
W-34

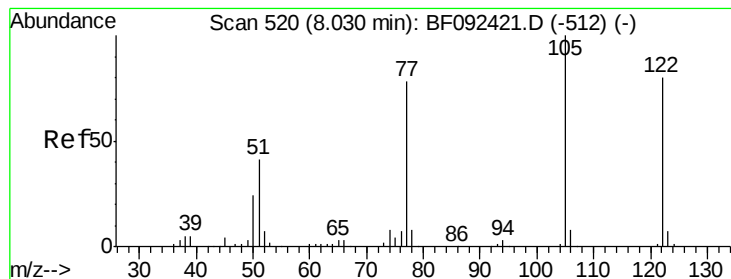
Tgt Ion: 82 Resp: 1195655
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 55.3 39.5 59.3



#25
Isophorone
Concen: 48.23 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

Tgt Ion: 82 Resp: 1118580
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 4.85 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

Instrument :

BNA_F

ClientSampled :

W-34

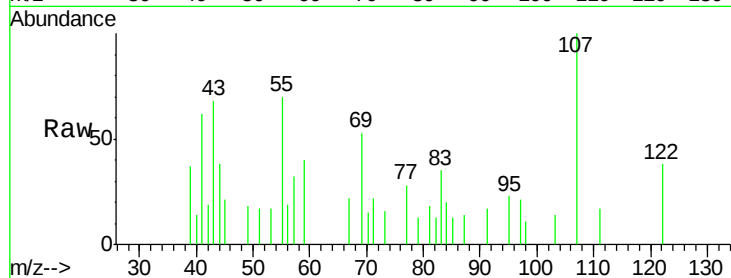
Tgt Ion:122 Resp: 1367

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

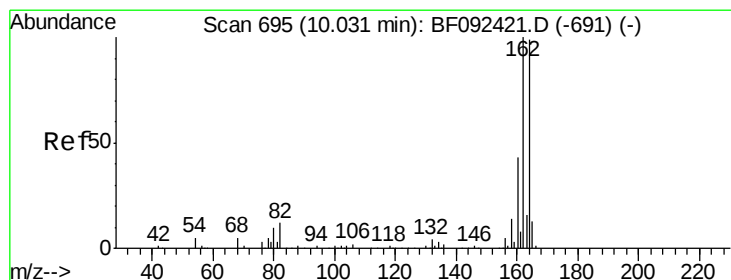
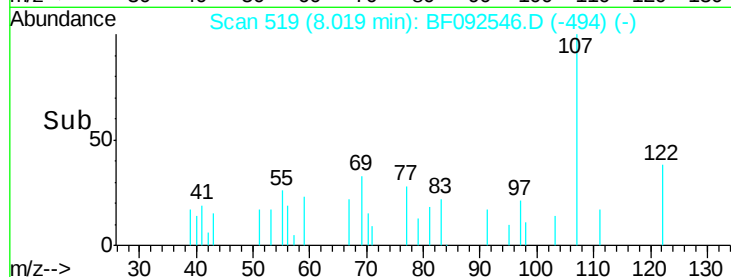
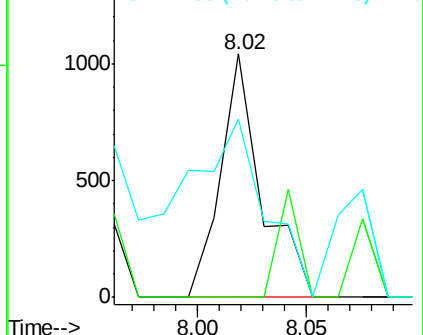
77 73.3 74.5 114.5#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

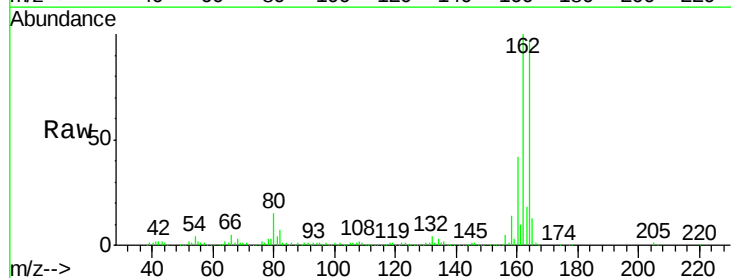
Tgt Ion:164 Resp: 356974

Ion Ratio Lower Upper

164 100

162 102.9 80.2 120.2

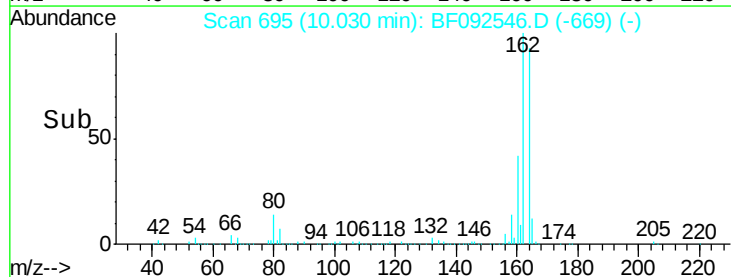
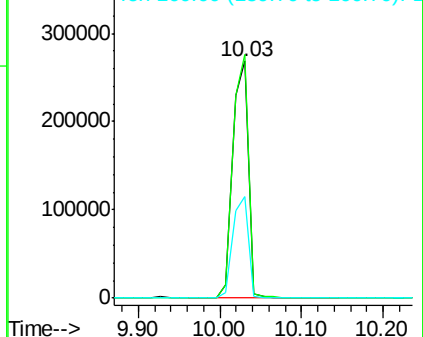
160 43.1 36.9 55.3

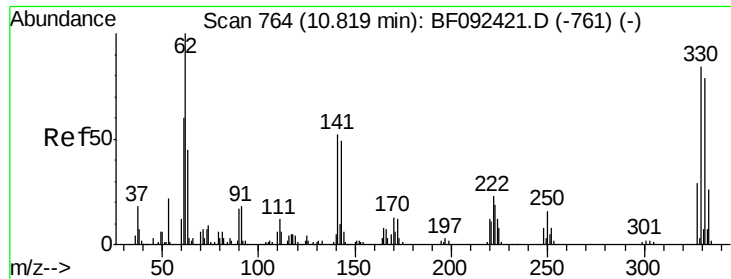


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

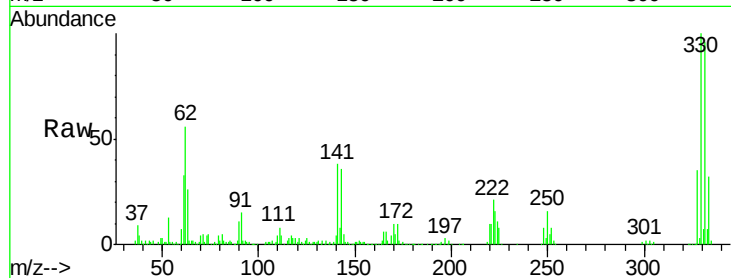




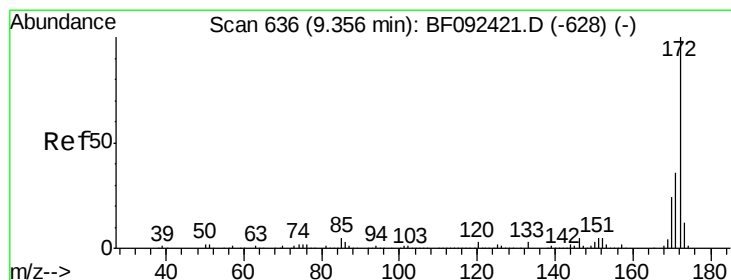
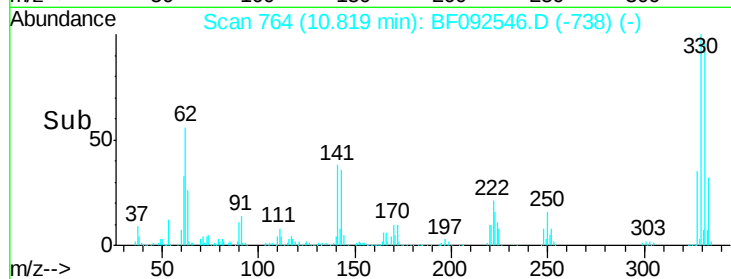
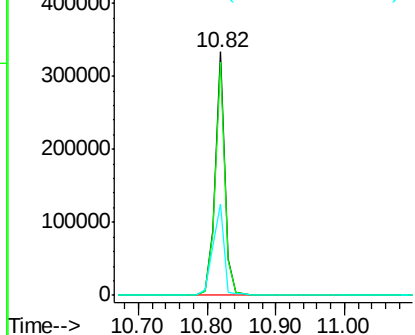
#41
 2,4,6-Tribromophenol
 Concen: 138.21 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092546.D
 Acq: 27 Jan 2017 1:04

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 336214
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 42.1 34.1 51.1

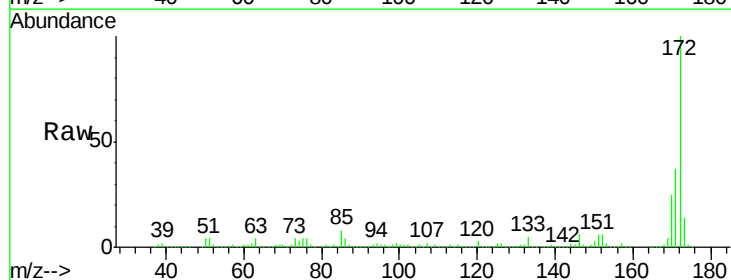


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

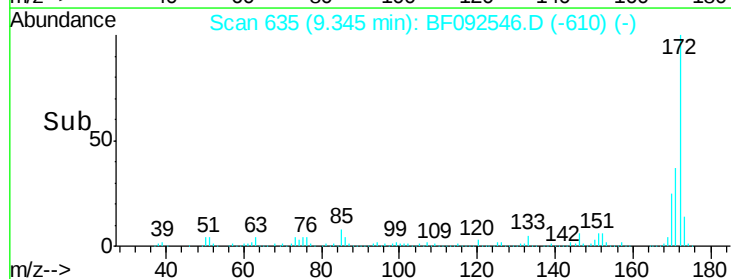
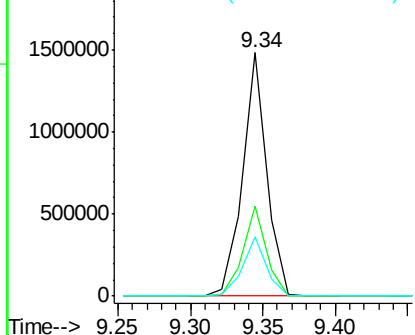


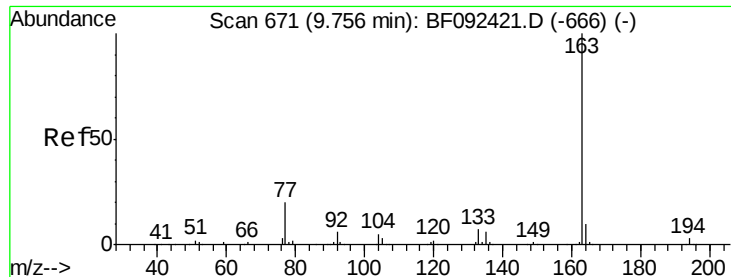
#44
 2-Fluorobiphenyl
 Concen: 88.81 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092546.D
 Acq: 27 Jan 2017 1:04

Tgt Ion:172 Resp: 1714530
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

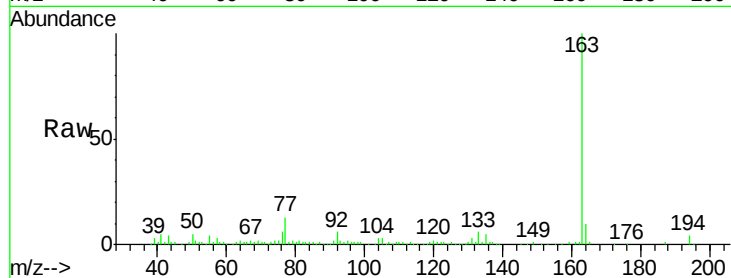




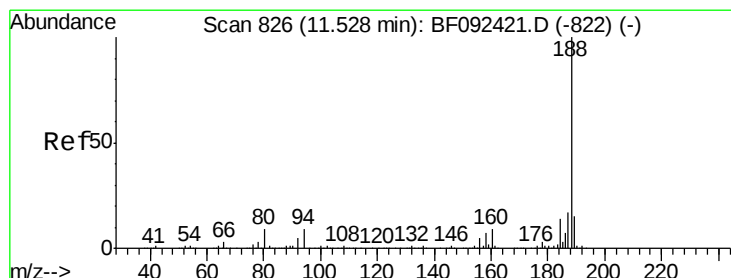
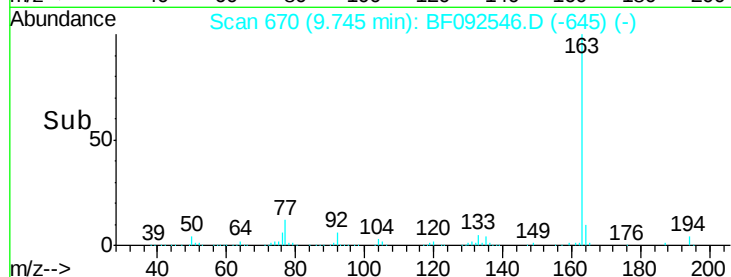
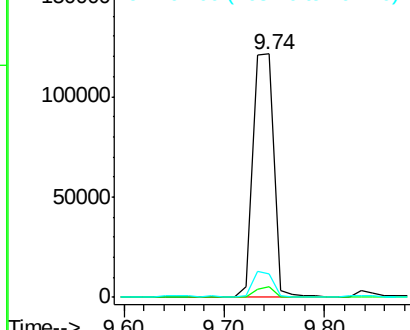
#49
Dimethylphthalate
Concen: 7.72 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 175347
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.8 8.0 12.0

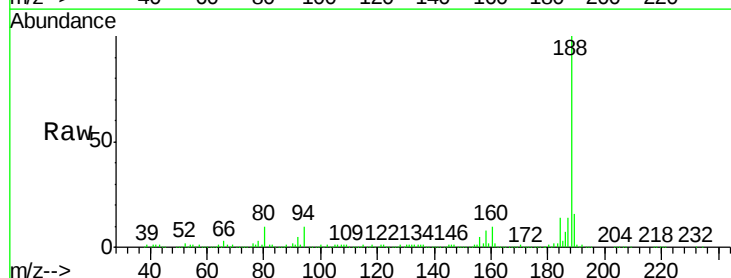


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

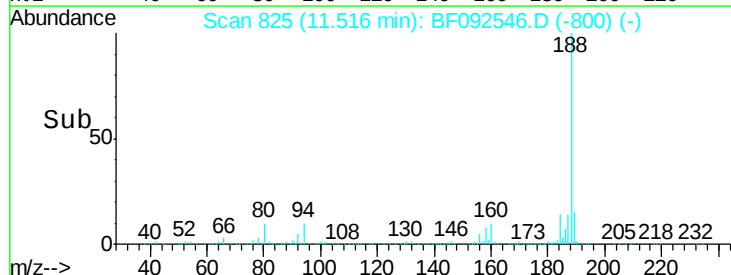
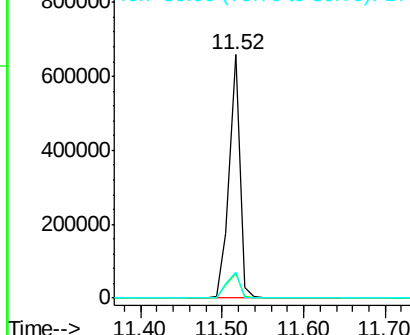


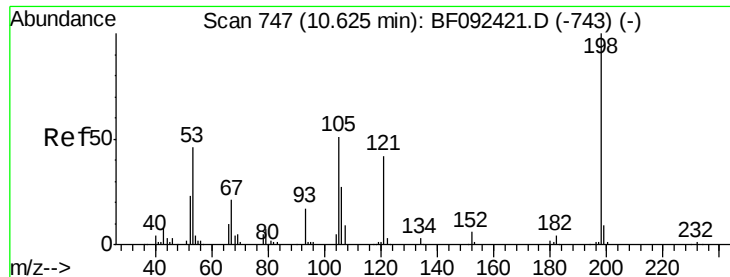
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

Tgt Ion:188 Resp: 602649
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.5 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

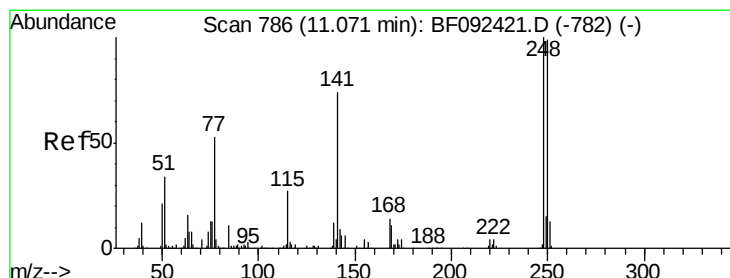
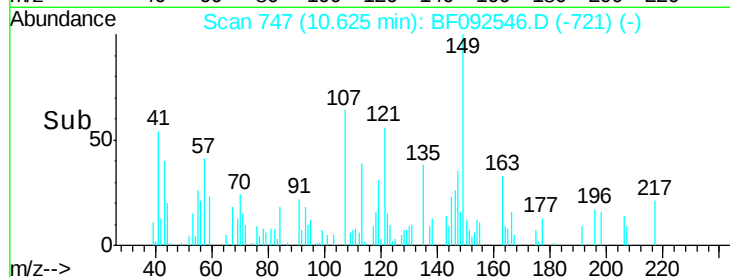
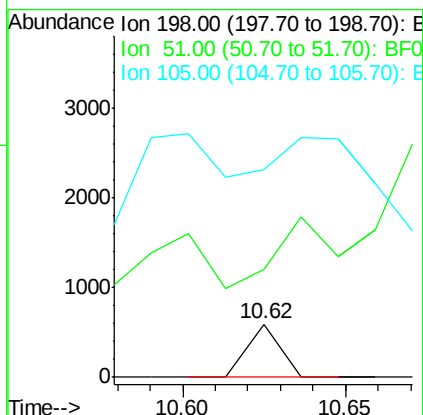
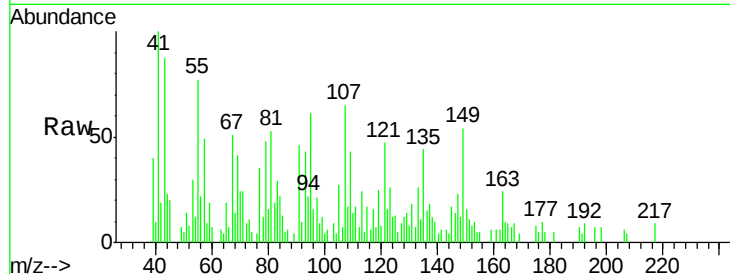




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.06 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092546.D
 Acq: 27 Jan 2017 1:04

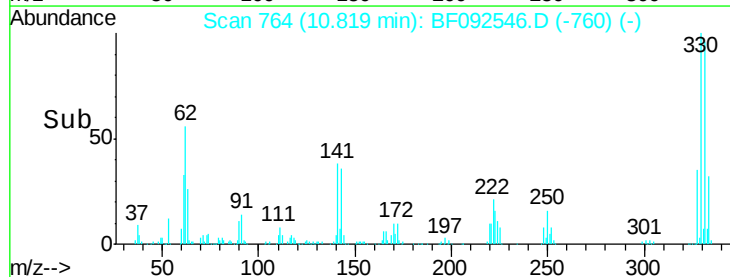
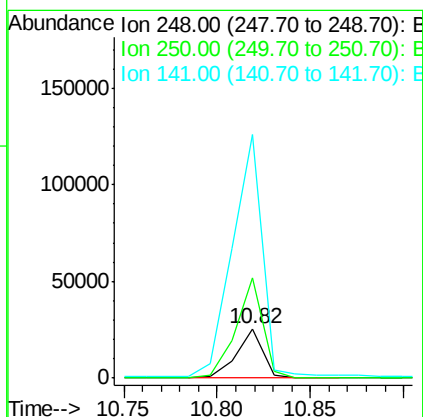
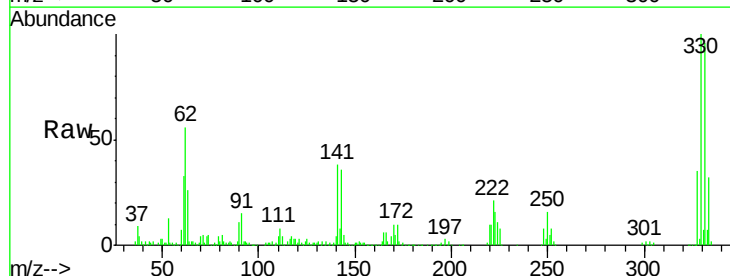
Instrument :
 BNA_F
 ClientSampleId :
 W-34

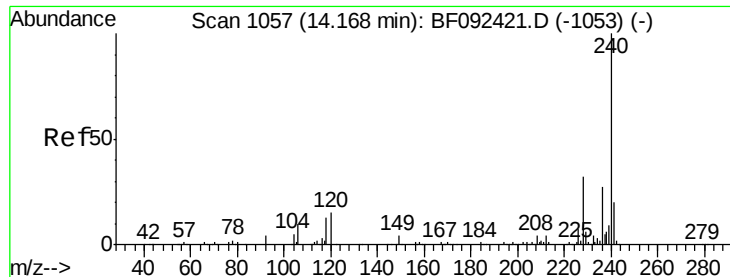
Tgt Ion:198 Resp: 407
 Ion Ratio Lower Upper
 198 100
 51 203.2 6.7 46.7#
 105 391.9 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 4.25 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092546.D
 Acq: 27 Jan 2017 1:04

Tgt Ion:248 Resp: 25855
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.9 115.3#
 141 491.3 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

Instrument :

BNA_F

ClientSampleId :

W-34

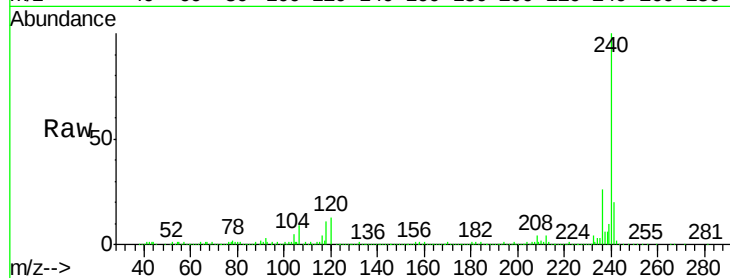
Tgt Ion:240 Resp: 466118

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

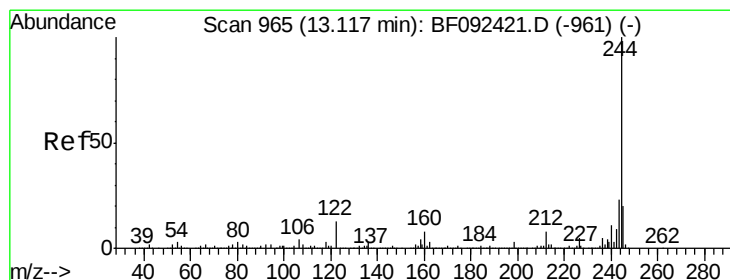
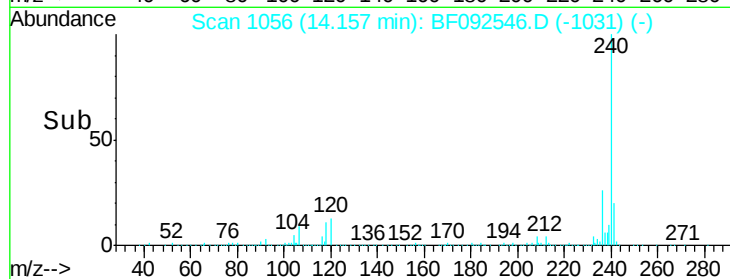
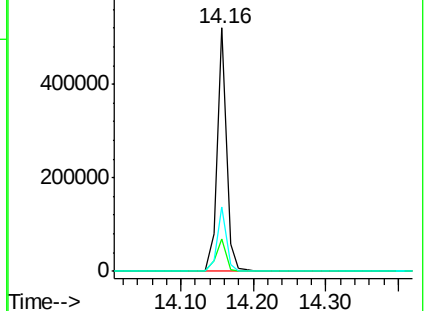
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.64 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092546.D

Acq: 27 Jan 2017 1:04

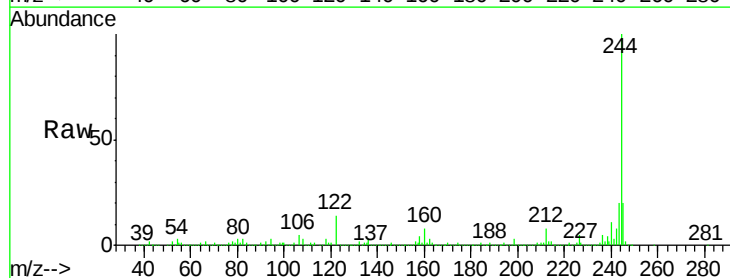
Tgt Ion:244 Resp: 1446641

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

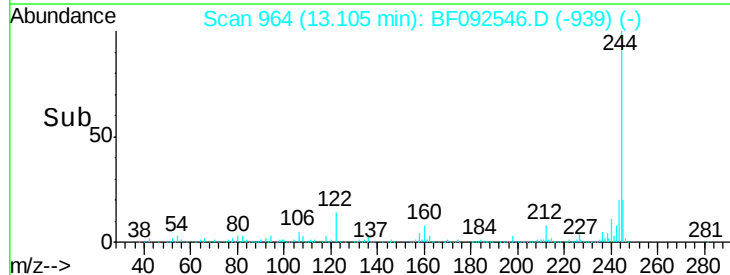
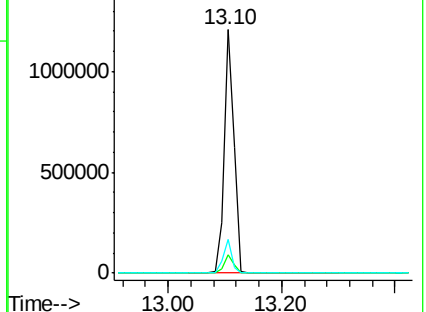
122 14.1 11.4 17.2

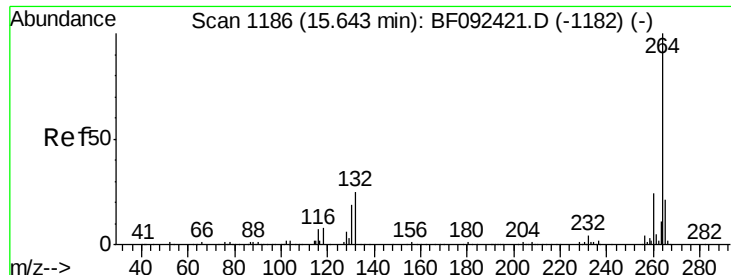


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

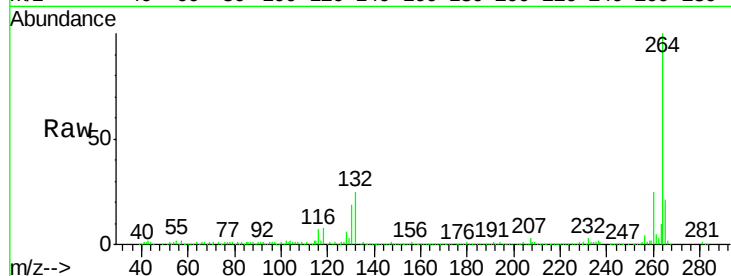




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092546.D
Acq: 27 Jan 2017 1:04

Instrument :
BNA_F
ClientSampleId :
W-34

Tgt Ion: 264 Resp: 348462
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

