

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101016\
 Data File : BF090486.D
 Acq On : 10 Oct 2016 18:19
 Operator : UM/SJ
 Sample : H5148-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Quant Time: Oct 10 19:02:50 2016
 Quant Method : \\Terastorage\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

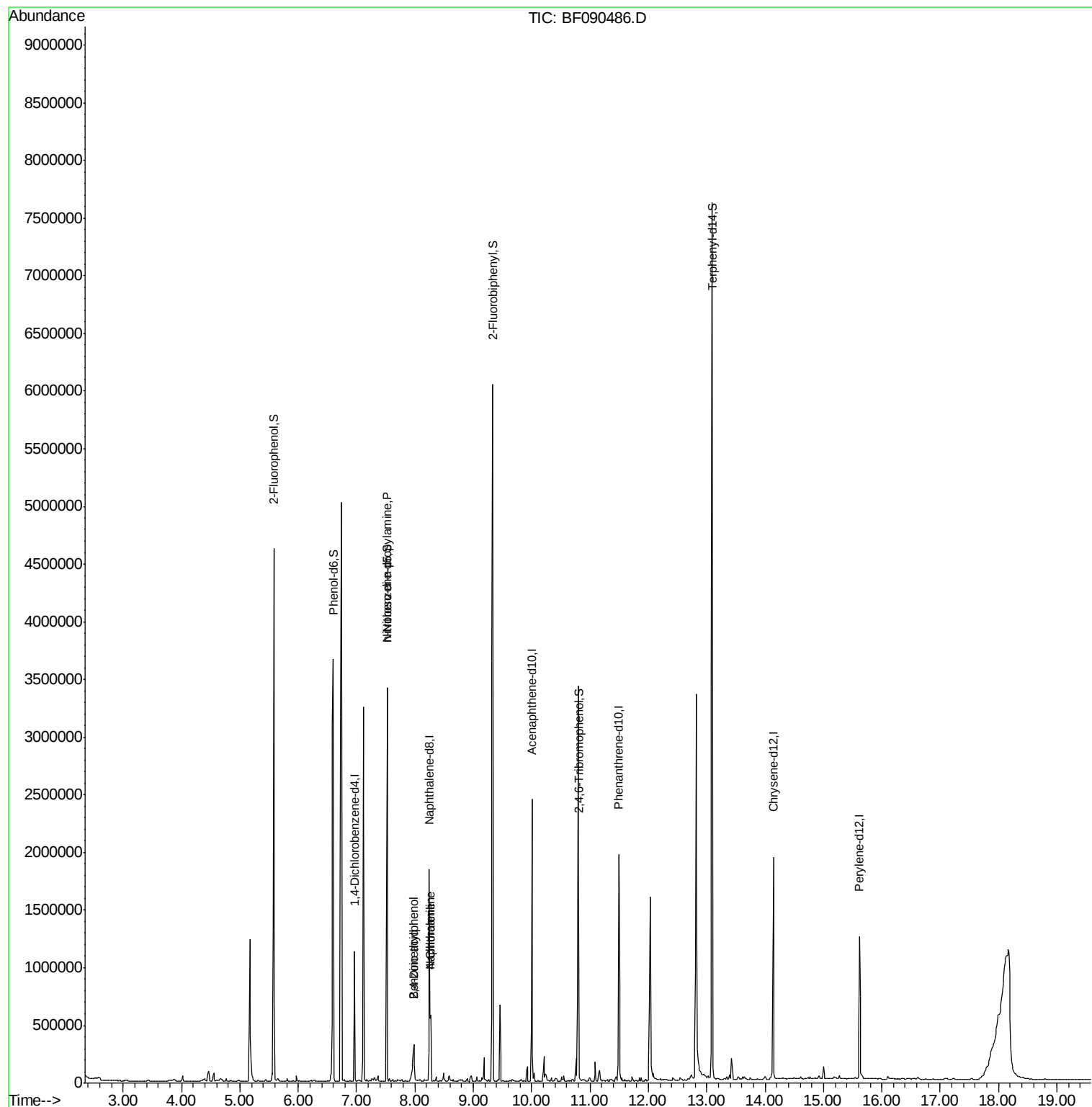
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	215410	20.00	ng	-0.03
21) Naphthalene-d8	8.25	136	848514	20.00	ng	-0.05
38) Acenaphthene-d10	10.01	164	483561	20.00	ng	-0.05
63) Phenanthrene-d10	11.49	188	768379	20.00	ng	-0.06
75) Chrysene-d12	14.14	240	751167	20.00	ng	-0.06
86) Perylene-d12	15.62	264	566206	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1319254	91.40	ng	-0.02
7) Phenol-d6	6.60	99	1940693	102.66	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1340899	76.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.81	330	591921	150.54	ng	-0.05
44) 2-Fluorobiphenyl	9.33	172	2377555	81.92	ng	-0.05
78) Terphenyl-d14	13.09	244	2545081	76.17	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	183660	13.25	ng	# 61
27) 2,4-Dimethylphenol	7.98	122	130026	8.97	ng	# 5
31) Naphthalene	8.27	128	237169	5.79	ng	97
32) Benzoic acid	7.98	122	131118	13.01	ng	93
33) 4-Chloroaniline	8.27	127	33941	2.01	ng	# 31

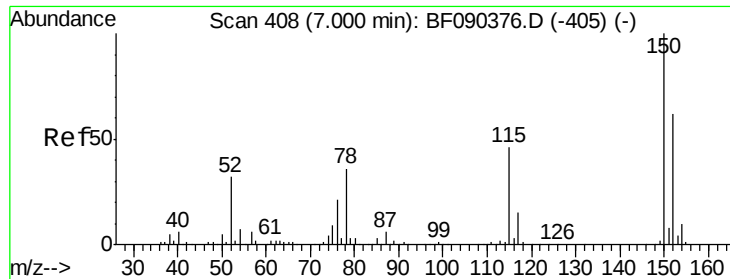
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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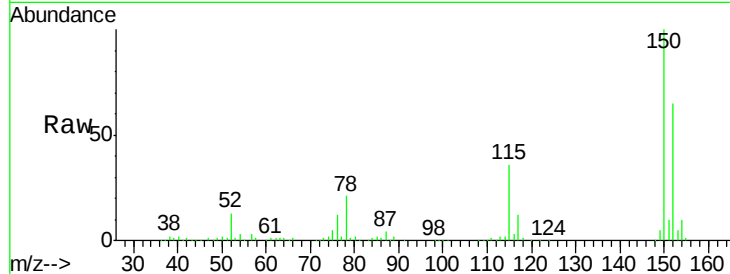


#1

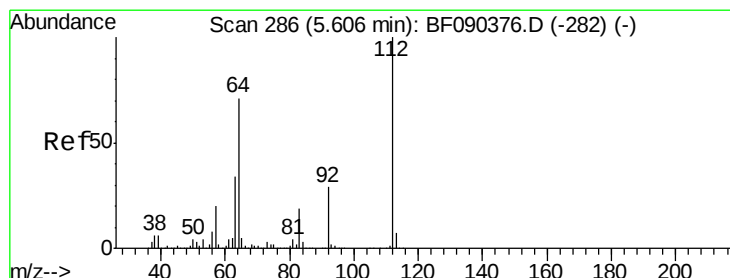
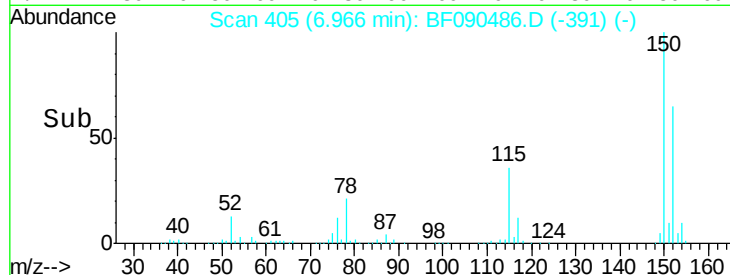
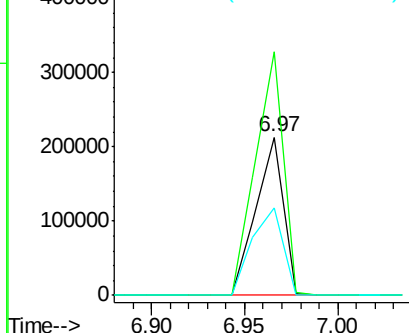
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-01-C

Tgt Ion:152 Resp: 215410
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 55.1 46.2 69.4



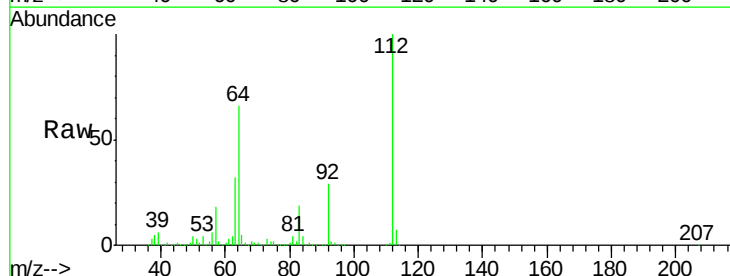
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



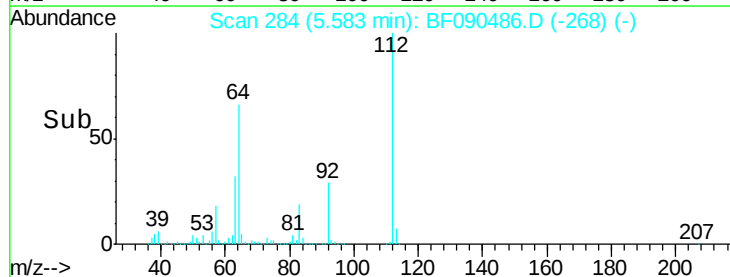
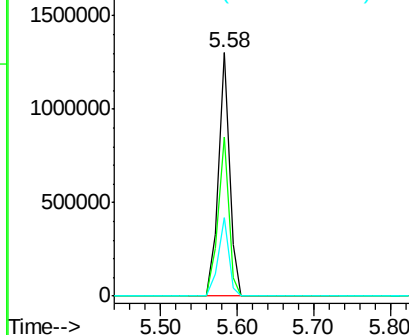
#5

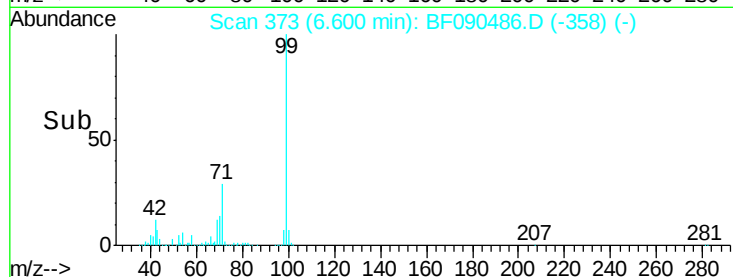
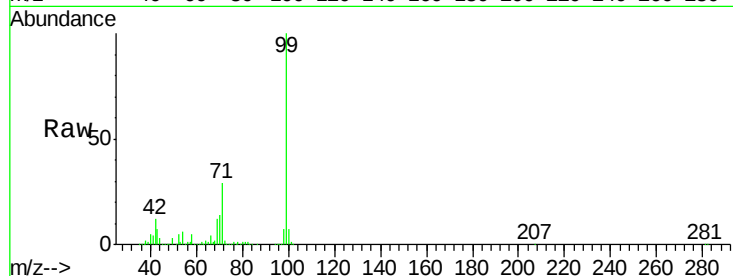
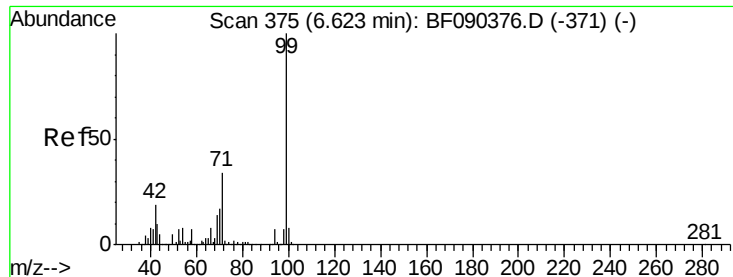
2-Fluorophenol
Concen: 91.40 ng
RT: 5.58 min Scan# 284
Delta R.T. -0.02 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Tgt Ion:112 Resp: 1319254
Ion Ratio Lower Upper
112 100
64 65.6 57.9 86.9
63 32.0 29.6 44.4



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: 102.66 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

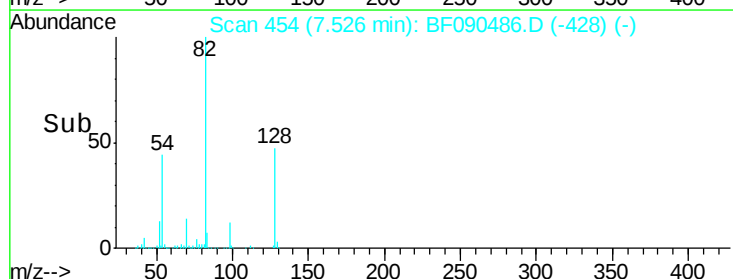
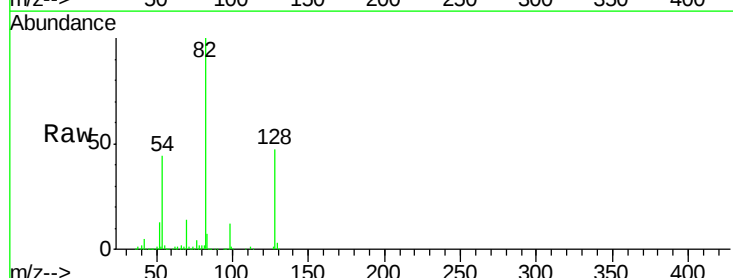
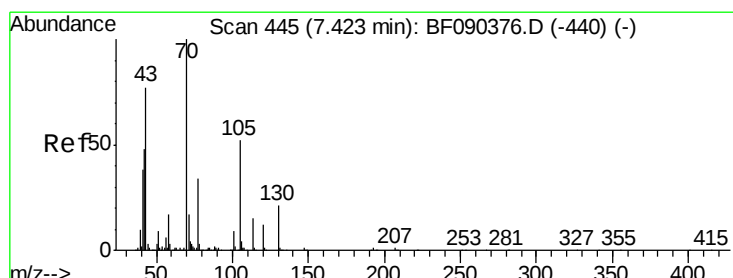
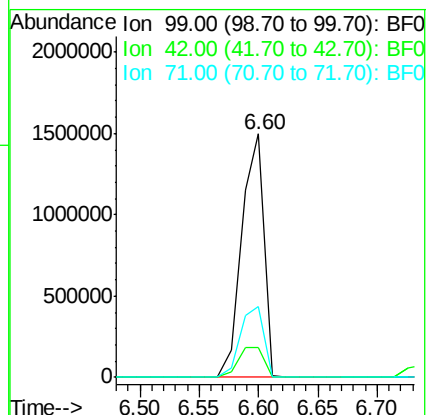
Tgt Ion: 99 Resp: 1940693

Ion Ratio Lower Upper

99 100

42 12.3 20.0 30.0#

71 28.9 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.25 ng

RT: 7.53 min Scan# 454

Delta R.T. 0.10 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Tgt Ion: 70 Resp: 183660

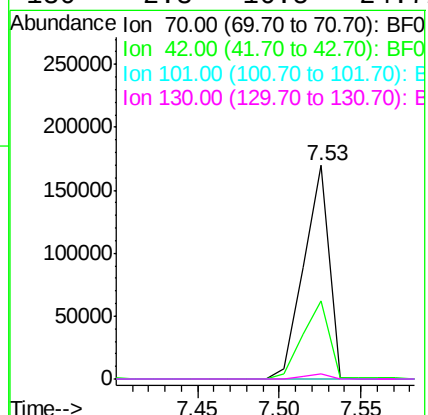
Ion Ratio Lower Upper

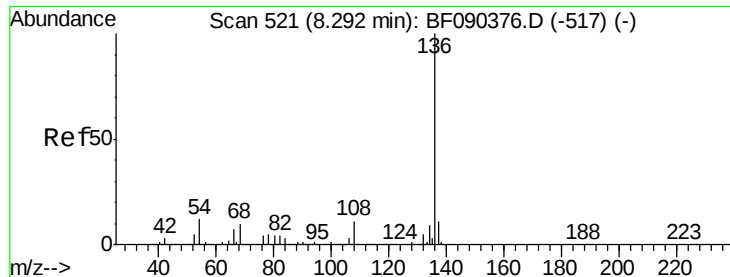
70 100

42 36.5 55.4 83.2#

101 0.0 7.6 11.4#

130 2.3 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

Tgt Ion:136 Resp: 848514

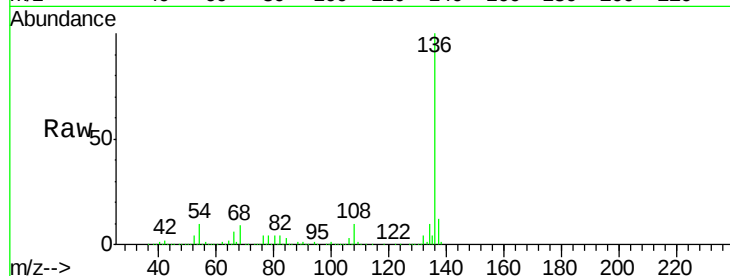
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.7 6.6 10.0

68 8.8 5.0 7.6#

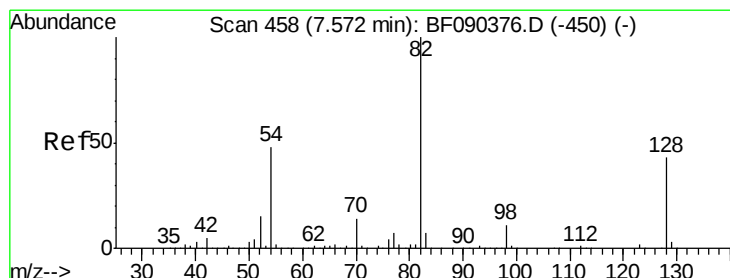
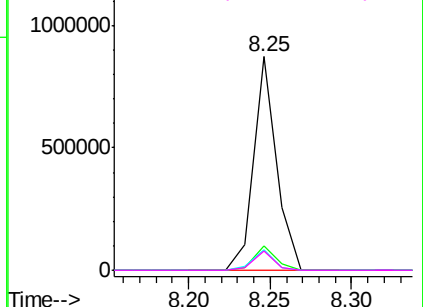
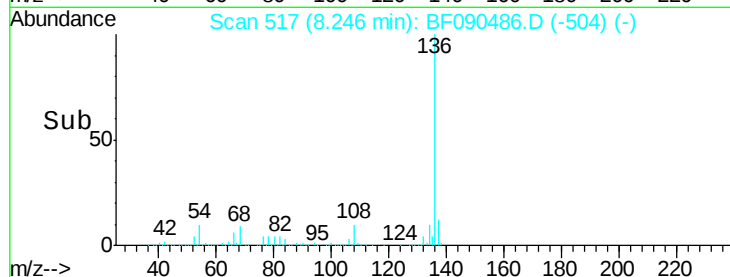


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.87 ng

RT: 7.53 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

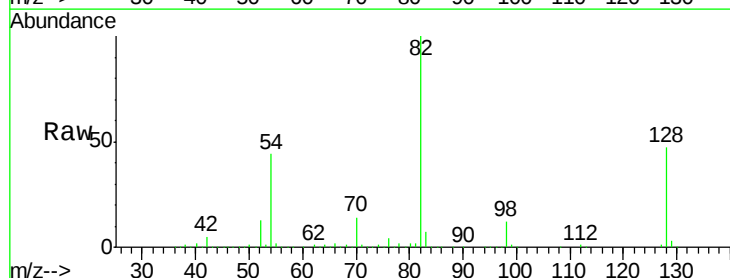
Tgt Ion: 82 Resp: 1340899

Ion Ratio Lower Upper

82 100

128 46.7 40.0 60.0

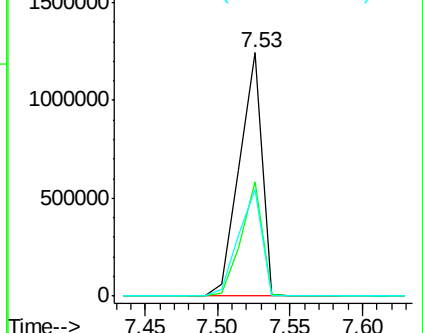
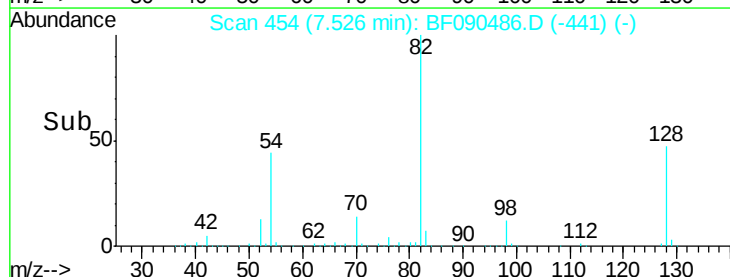
54 44.1 42.6 64.0

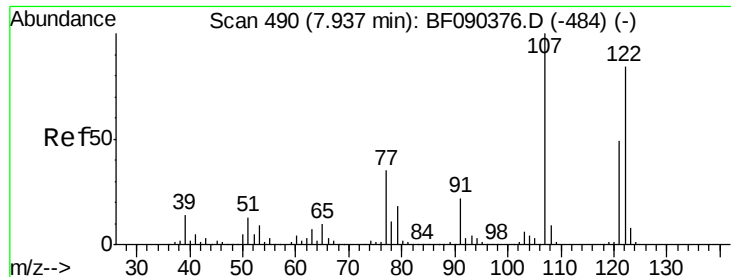


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 8.97 ng

RT: 7.98 min Scan# 494

Delta R.T. 0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

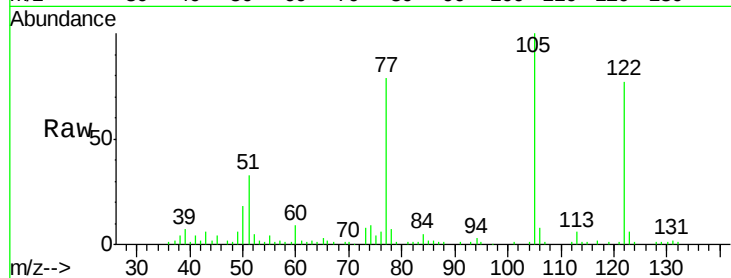
Tgt Ion:122 Resp: 130026

Ion Ratio Lower Upper

122 100

107 0.7 88.6 132.8#

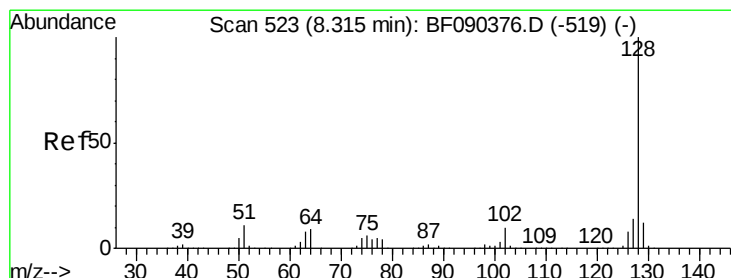
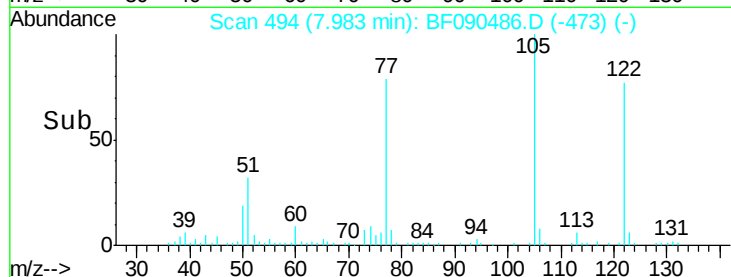
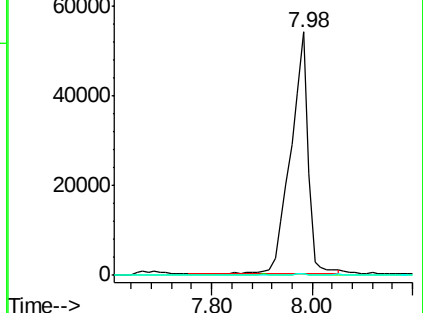
121 0.8 47.5 71.3#



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: 5.79 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

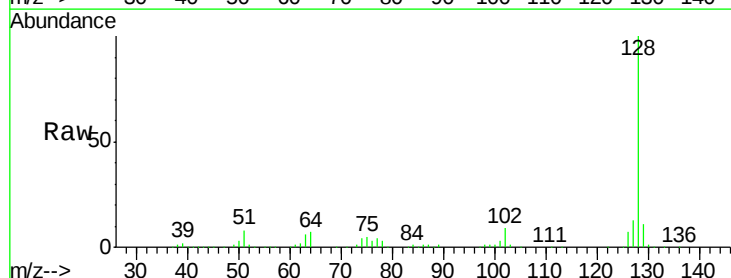
Tgt Ion:128 Resp: 237169

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

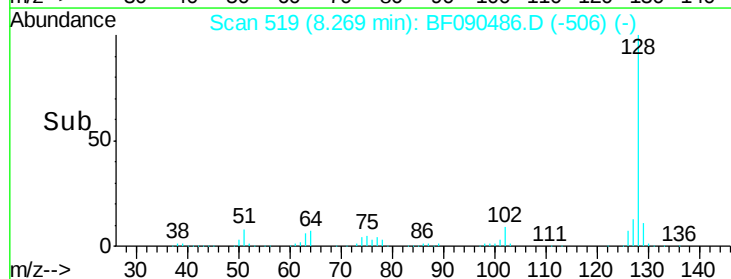
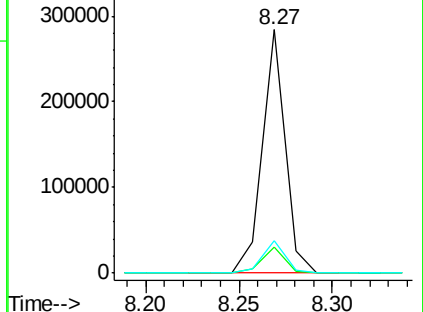
127 13.2 11.7 17.5

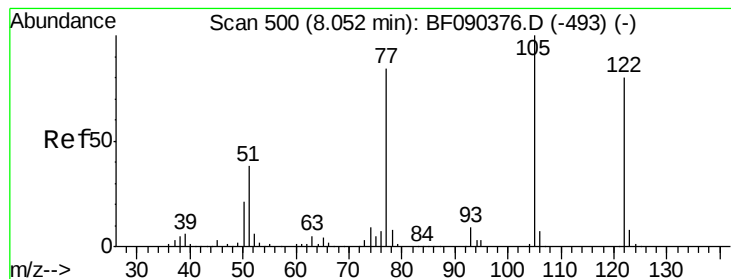


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 13.01 ng

RT: 7.98 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

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ClientSampleId :

WC-WH-DRUM-01-C

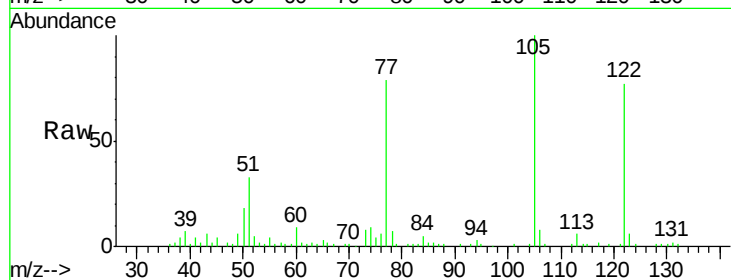
Tgt Ion:122 Resp: 131118

Ion Ratio Lower Upper

122 100

105 130.6 103.9 143.9

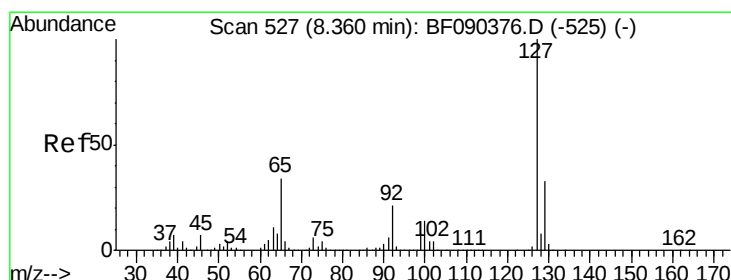
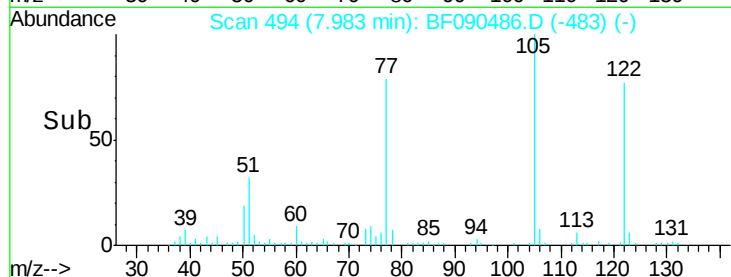
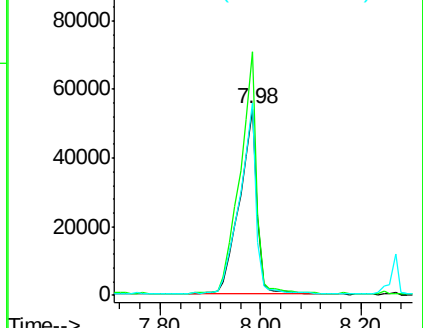
77 103.1 74.6 114.6



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: 2.01 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.09 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Tgt Ion:127 Resp: 33941

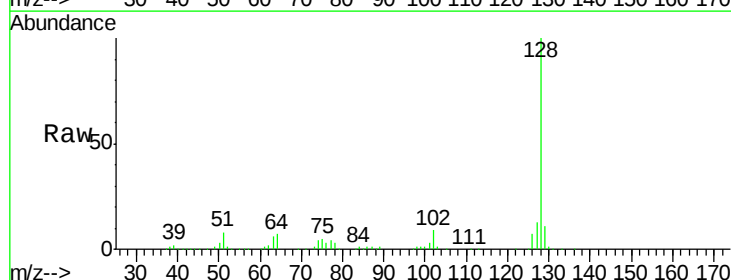
Ion Ratio Lower Upper

127 100

129 83.0 26.2 39.4#

65 0.0 32.5 48.7#

92 0.0 17.2 25.8#

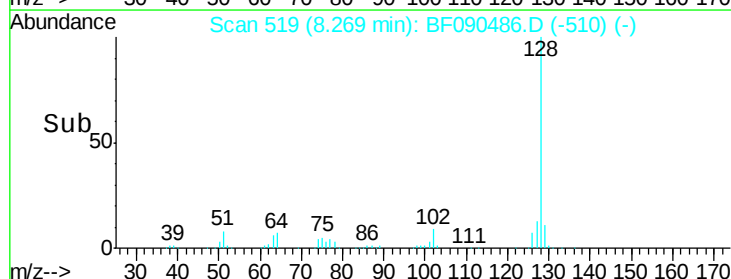
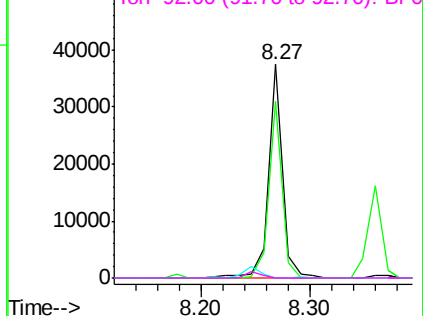


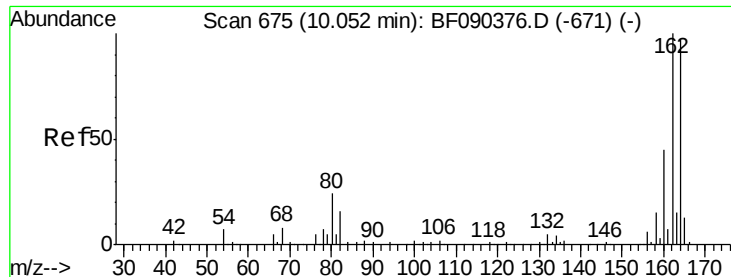
Abundance Ion 127.00 (126.70 to 127.70): E

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

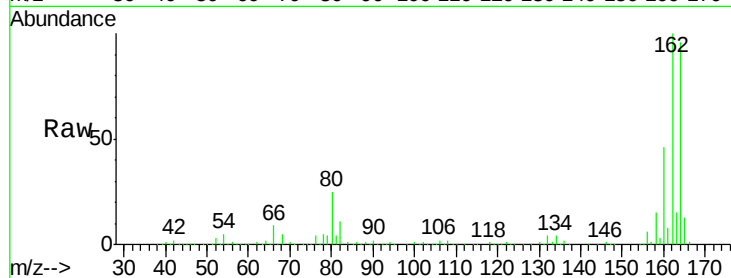
Tgt Ion:164 Resp: 483561

Ion Ratio Lower Upper

164 100

162 104.1 80.1 120.1

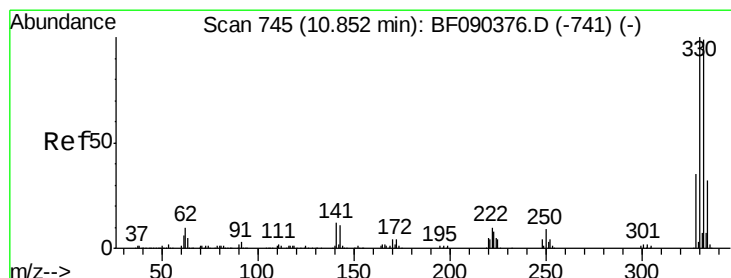
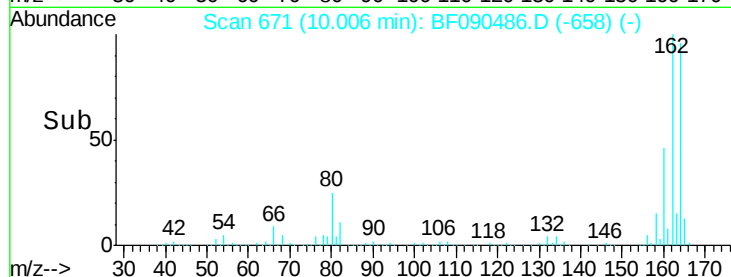
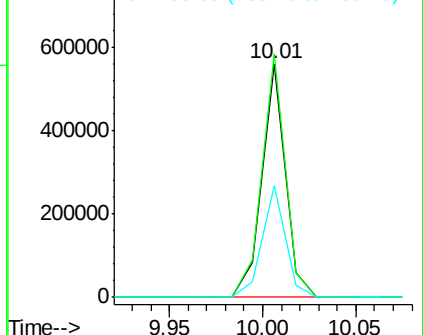
160 47.7 36.3 54.5



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: 150.54 ng

RT: 10.81 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

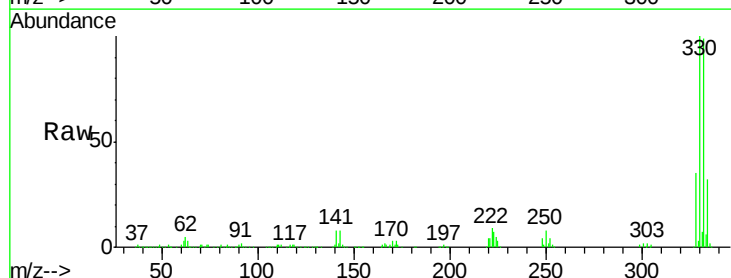
Tgt Ion:330 Resp: 591921

Ion Ratio Lower Upper

330 100

332 97.5 75.4 113.0

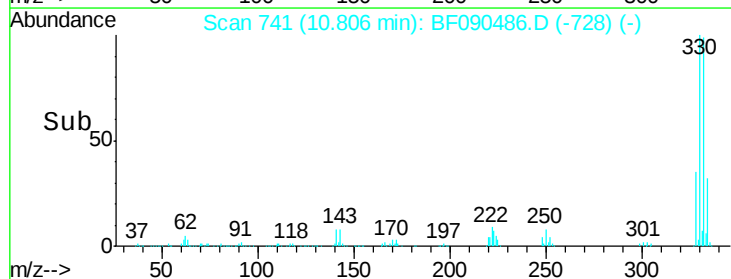
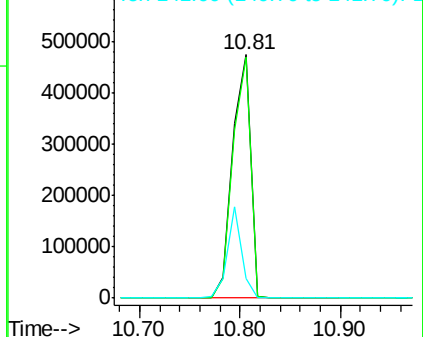
141 30.0 26.9 40.3

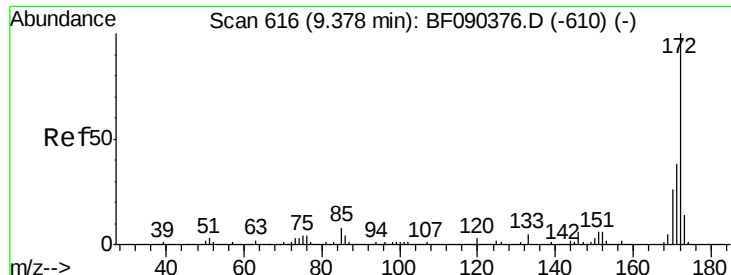


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

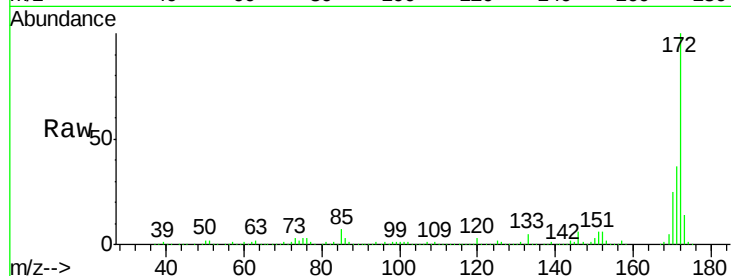




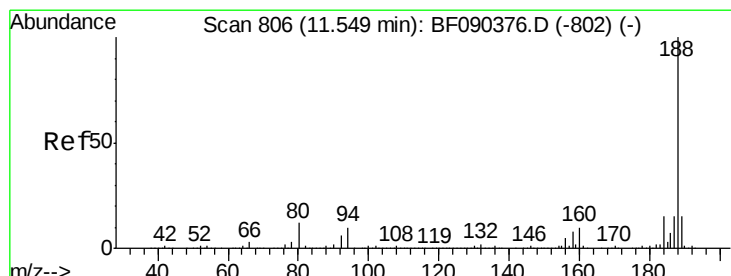
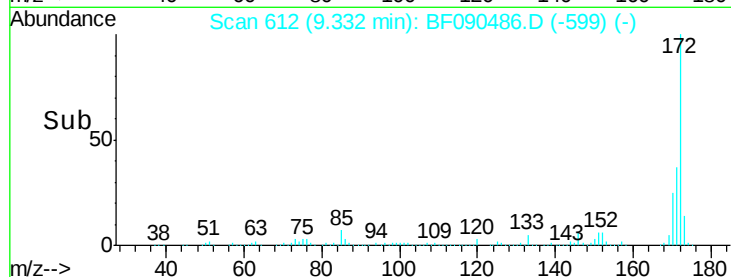
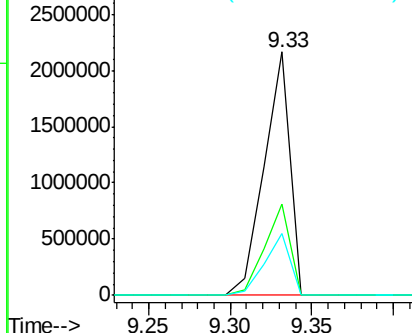
#44
 2-Fluorobiphenyl
 Concen: 81.92 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Tgt Ion:172 Resp: 2377555
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.8
 170 25.3 21.7 32.5

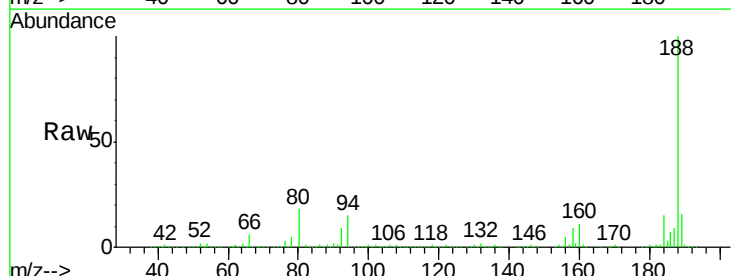


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

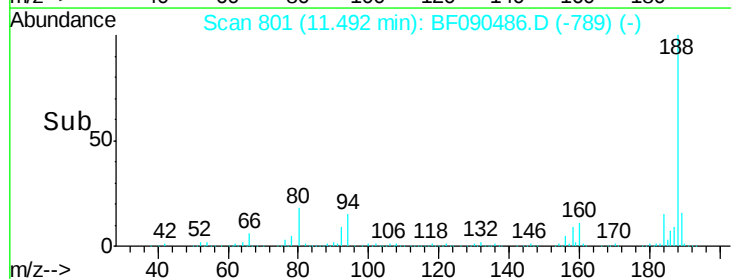
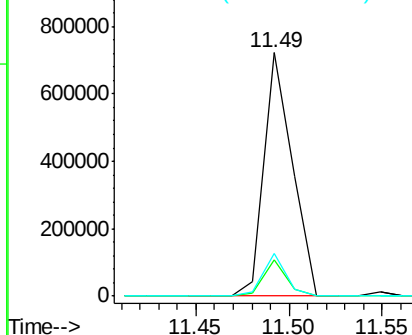


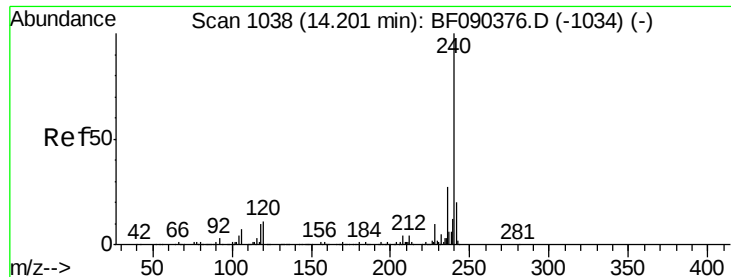
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Tgt Ion:188 Resp: 768379
 Ion Ratio Lower Upper
 188 100
 94 15.1 8.2 12.2#
 80 17.7 8.8 13.2#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

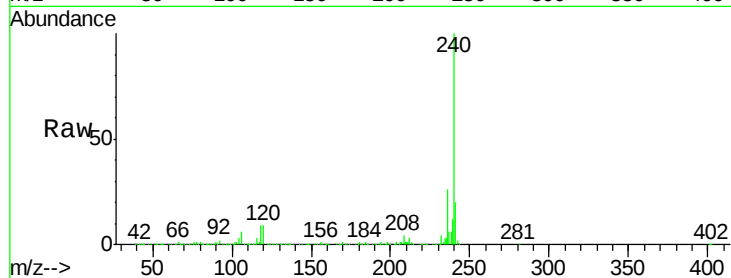
Tgt Ion:240 Resp: 751167

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

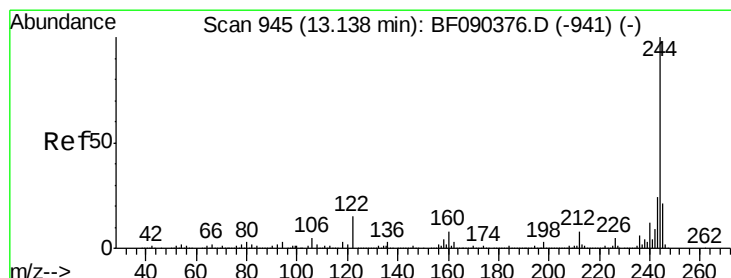
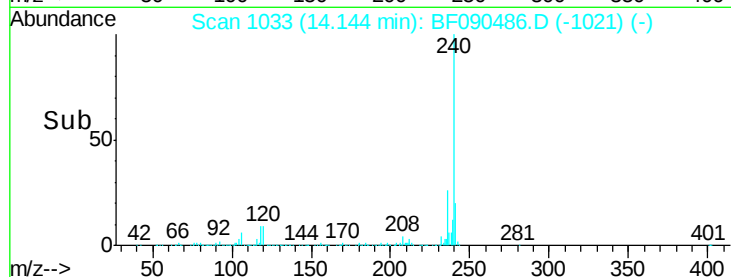
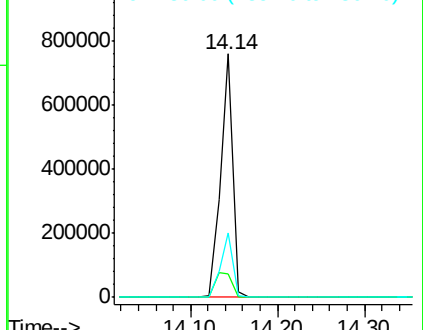
236 26.5 21.6 32.4



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: 76.17 ng

RT: 13.09 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

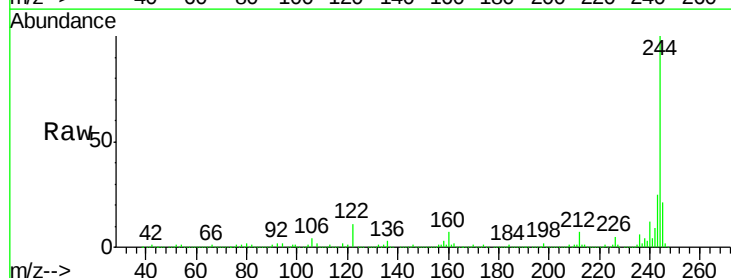
Tgt Ion:244 Resp: 2545081

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

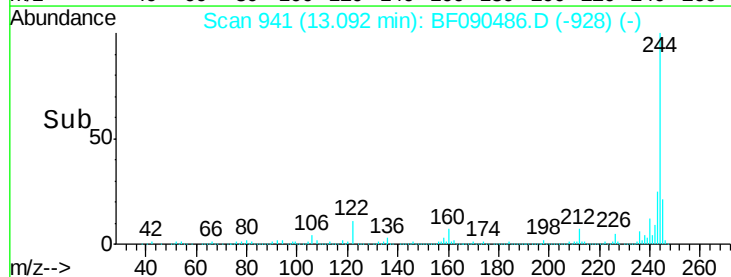
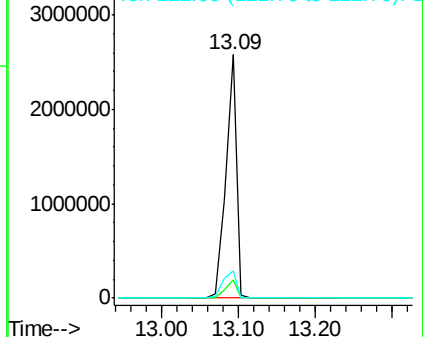
122 11.4 13.3 19.9#

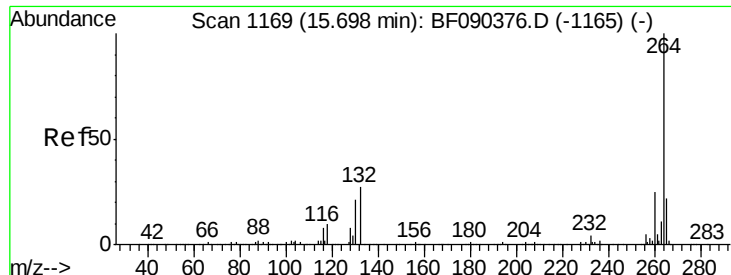


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

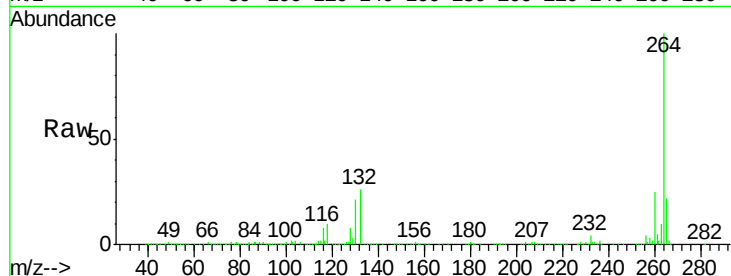




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-01-C

Tgt Ion: 264 Resp: 566206
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.2 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

