

Data File : BF093009.D
Acq On : 17 Feb 2017 14:41
Operator : SJ/MA
Sample : I1884-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-002

Quant Time: Feb 17 22:11:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	173573	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	708788	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	393795	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	630288	20.00	ng	0.00
75) Chrysene-d12	14.01	240	540586	20.00	ng	-0.01
86) Perylene-d12	15.44	264	467275	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	658906	65.13	ng	0.00
7) Phenol-d6	6.49	99	528600	40.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1059094	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	340321	119.49	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1850767	85.15	ng	0.00
78) Terphenyl-d14	12.97	244	1703181	74.03	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.50	94	34816	2.29	ng	78
15) Benzyl Alcohol	7.01	79	20494	2.13	ng	# 35
31) Naphthalene	8.16	128	134647	3.75	ng	98
32) Benzoic acid	7.93	122	1964	7.44	ng	# 1
51) Acenaphthene	9.93	154	653068	28.35	ng	95
53) 2,4-Dinitrophenol	10.20	184	434	4.87	ng	# 1
57) Fluorene	10.43	166	57707	2.43	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.51	198	272	2.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	24272	3.69	ng	# 1
69) Pentachlorophenol	11.18	266	381	7.30	ng	86

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

Data File : BF093009.D

Acq On : 17 Feb 2017 14:41

Operator : SJ/MA

Sample : I1884-16

Misc :

ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

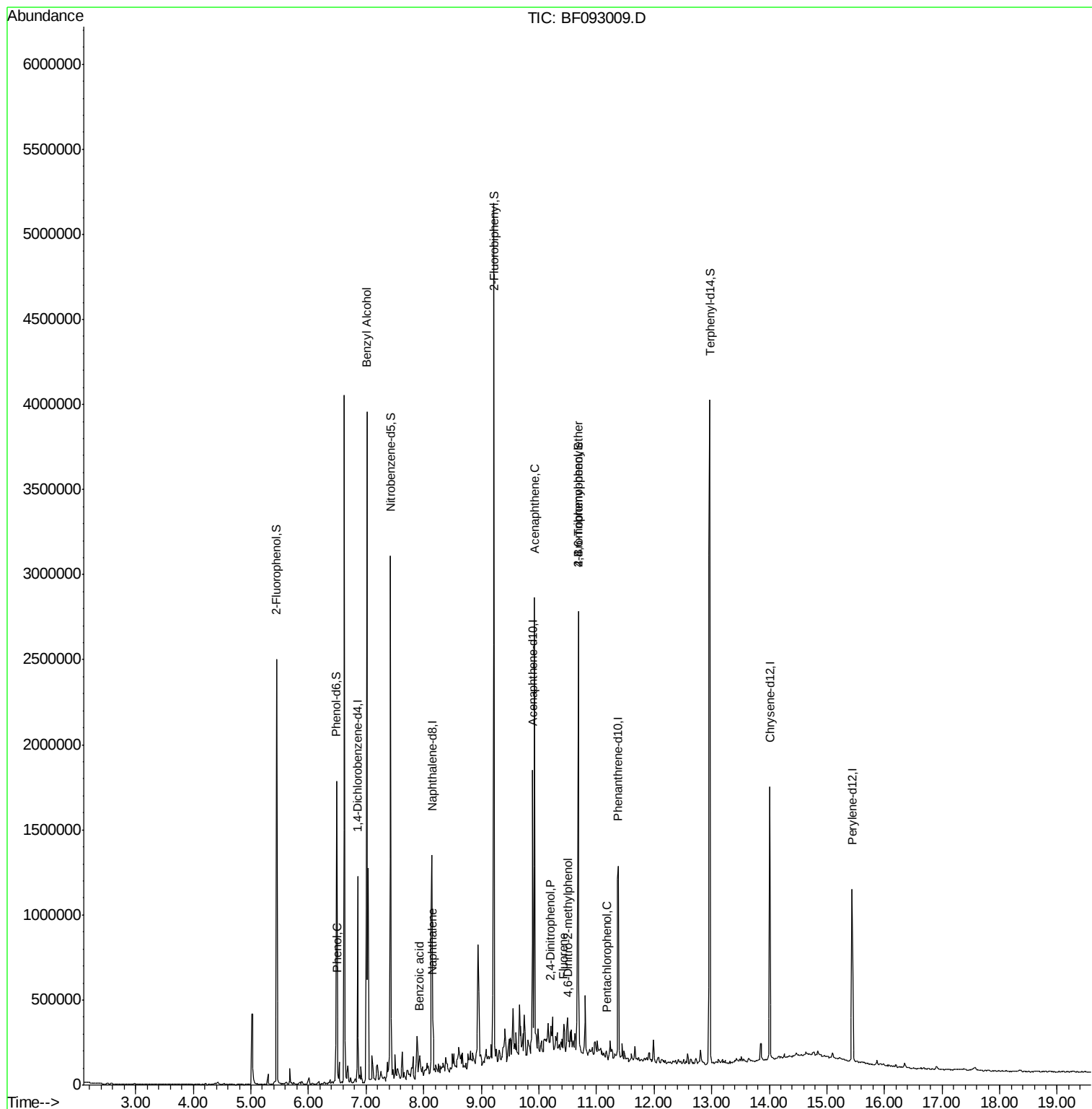
Quant Time: Feb 17 22:11:40 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration



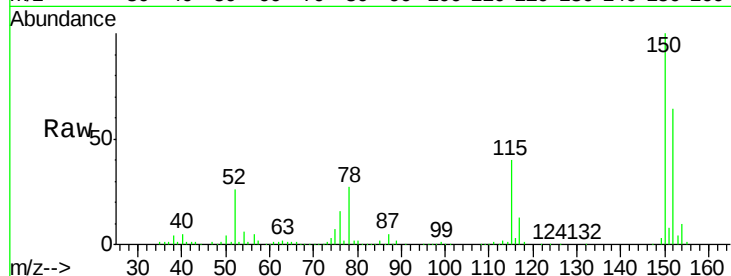


#1

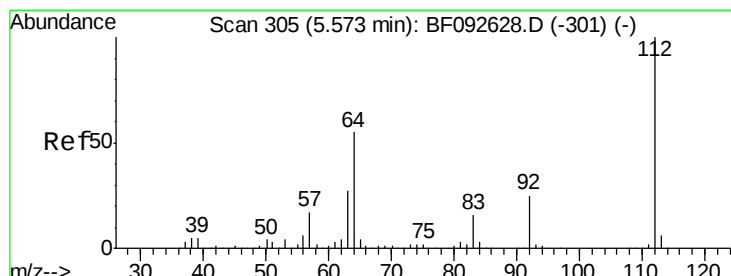
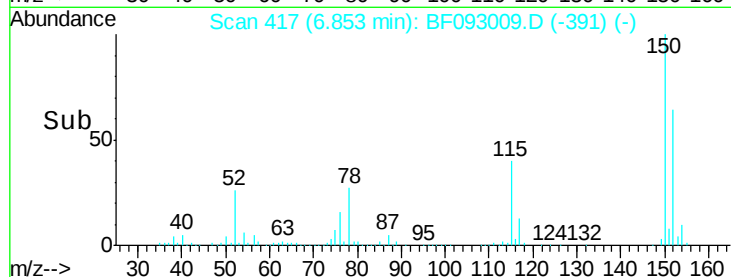
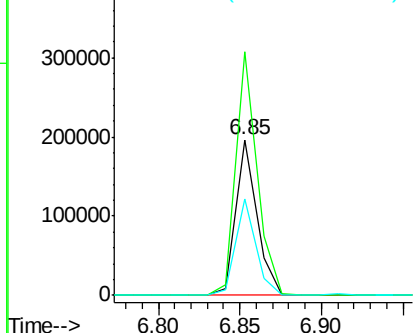
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093009.D
Acq: 17 Feb 2017 14:41

Instrument :
BNA_F
ClientSampleId :
MANHOLE-002

Tgt Ion:152 Resp: 173573
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 62.1 46.0 69.0



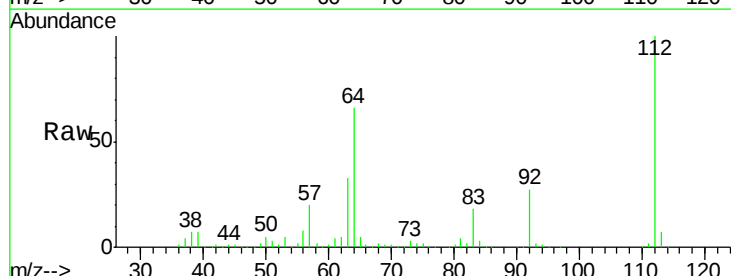
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



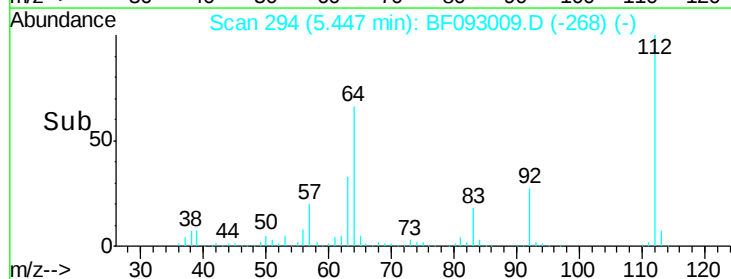
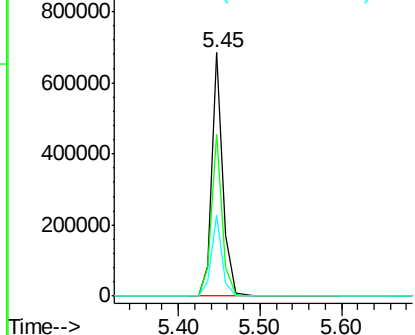
#5

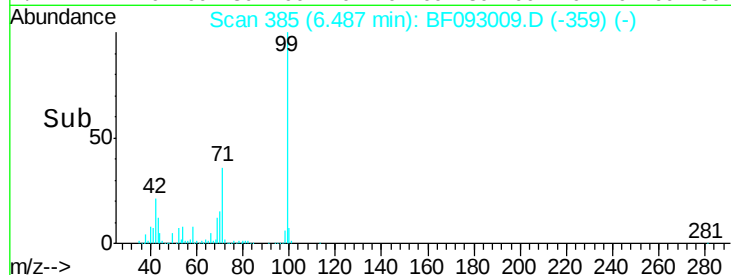
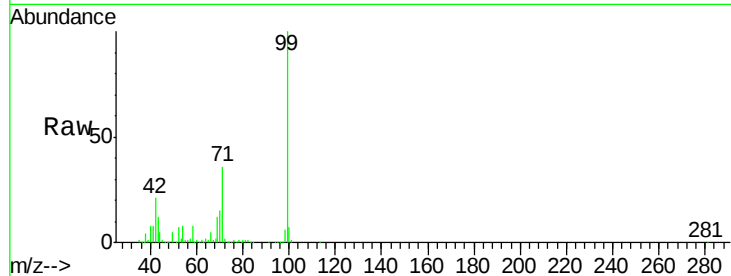
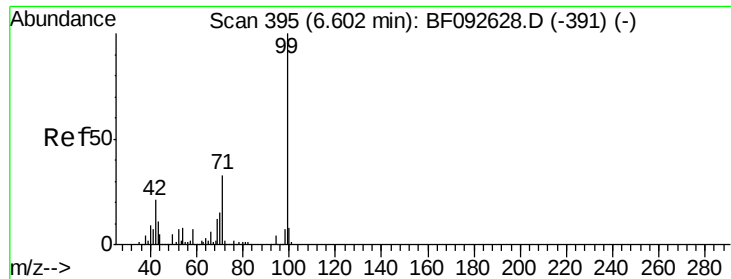
2-Fluorophenol
Concen: 65.13 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093009.D
Acq: 17 Feb 2017 14:41

Tgt Ion:112 Resp: 658906
Ion Ratio Lower Upper
112 100
64 66.2 46.1 69.1
63 33.3 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: 40.61 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

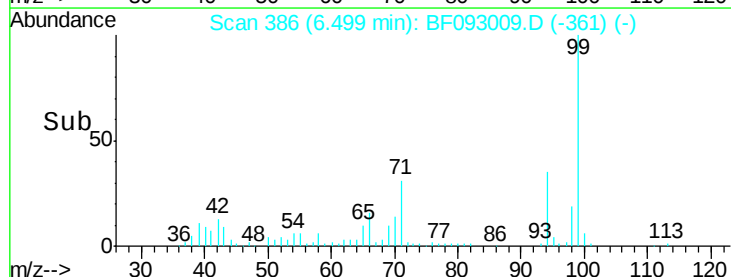
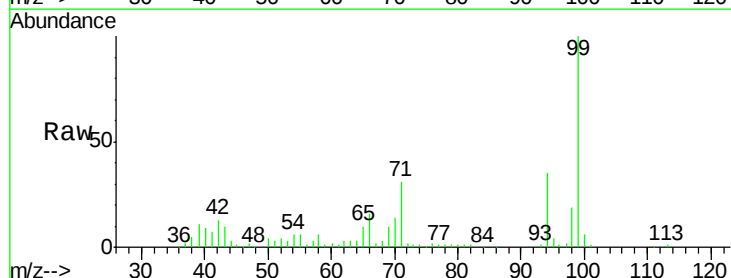
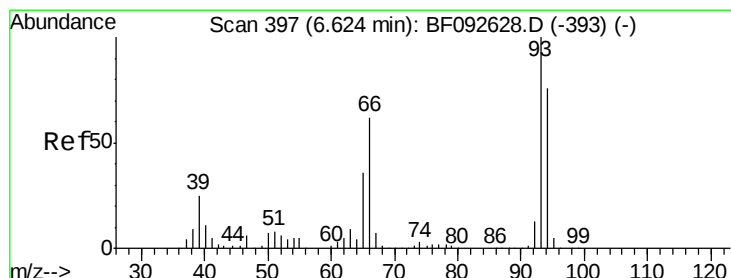
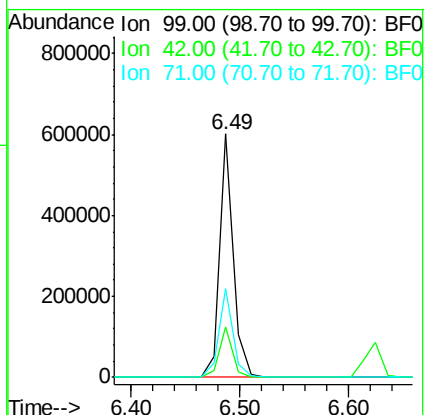
Tgt Ion: 99 Resp: 528600

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

71 36.2 27.5 41.3



#10

Phenol

Concen: 2.29 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

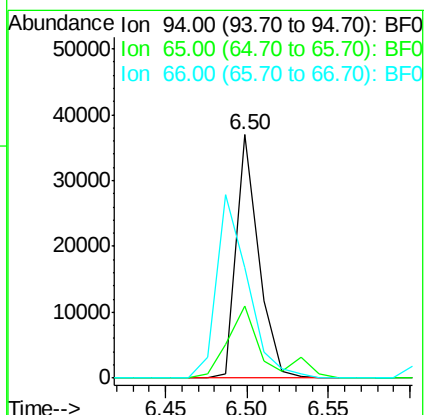
Tgt Ion: 94 Resp: 34816

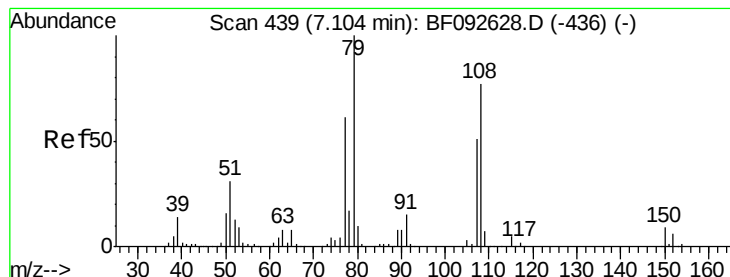
Ion Ratio Lower Upper

94 100

65 29.4 21.4 61.4

66 45.3 44.0 84.0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

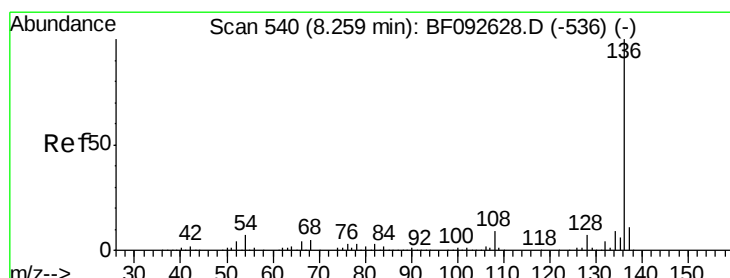
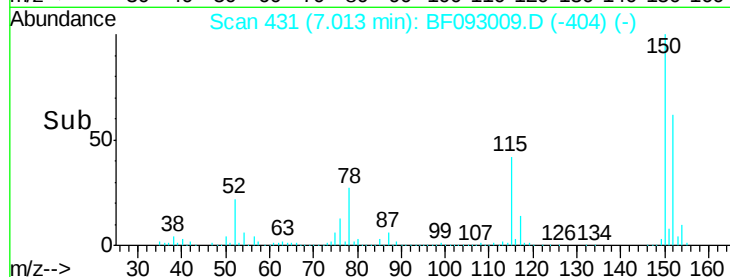
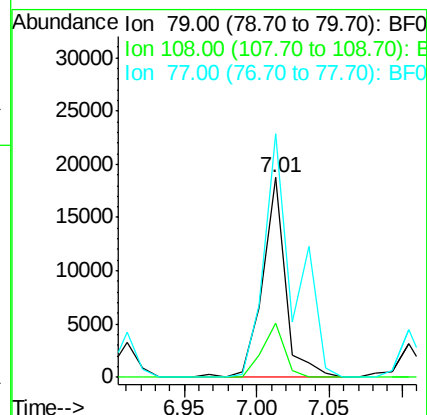
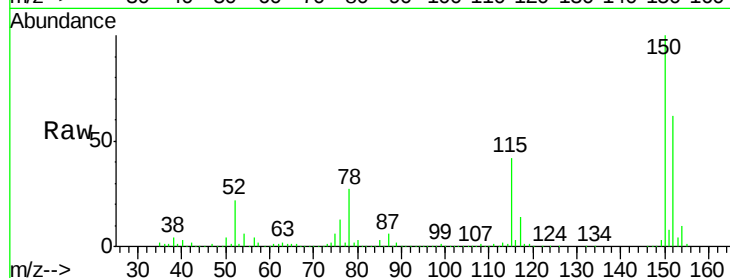
Tgt Ion: 79 Resp: 20494

Ion Ratio Lower Upper

79 100

108 27.3 61.4 92.0#

77 122.0 50.9 76.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Tgt Ion: 136 Resp: 708788

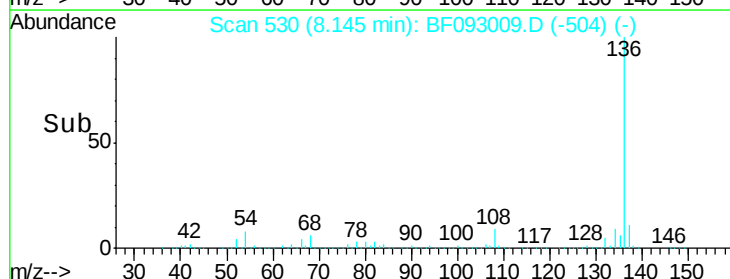
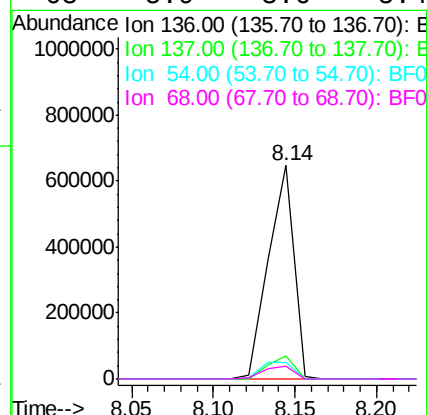
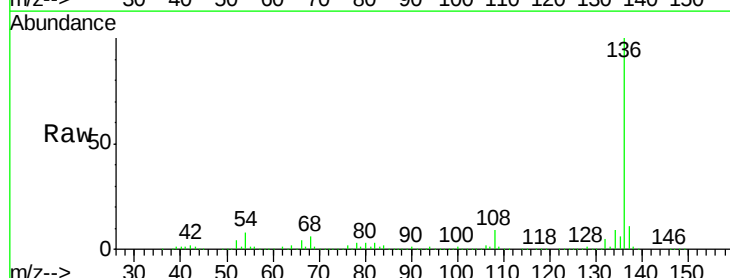
Ion Ratio Lower Upper

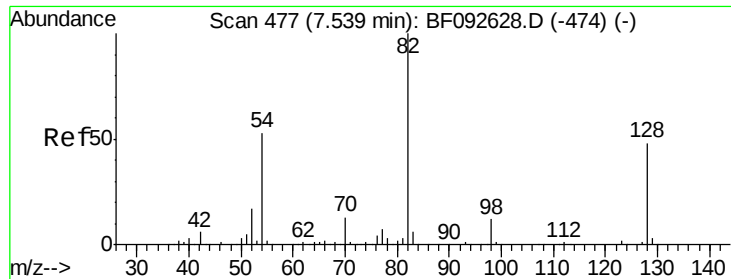
136 100

137 10.5 8.4 12.6

54 7.7 4.5 6.7#

68 5.9 3.6 5.4#

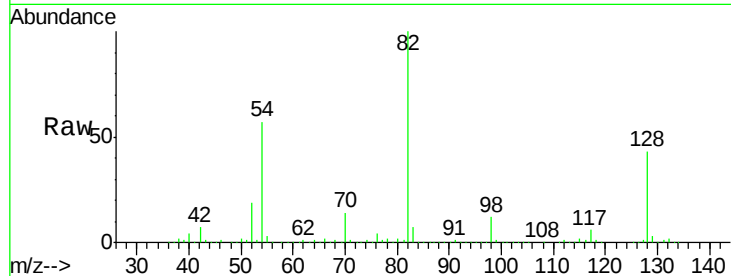




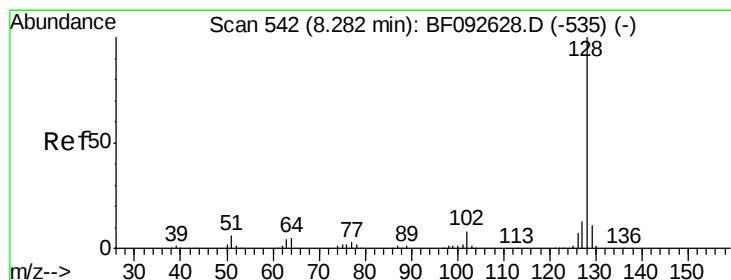
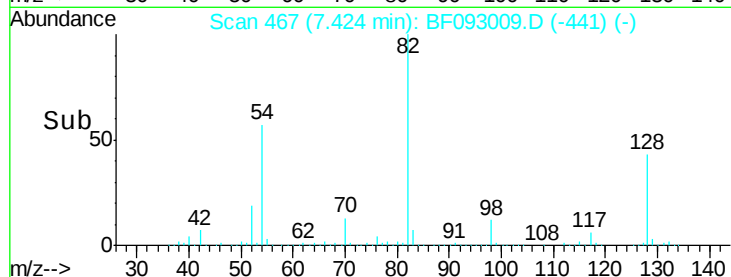
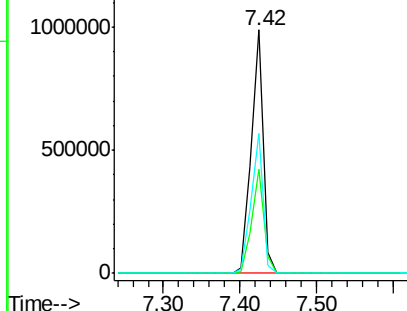
#23
Nitrobenzene-d5
Concen: 83.21 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093009.D
Acq: 17 Feb 2017 14:41

Instrument :
BNA_F
ClientSampleId :
MANHOLE-002

Tgt Ion: 82 Resp: 1059094
Ion Ratio Lower Upper
82 100
128 42.7 34.6 52.0
54 57.3 39.5 59.3

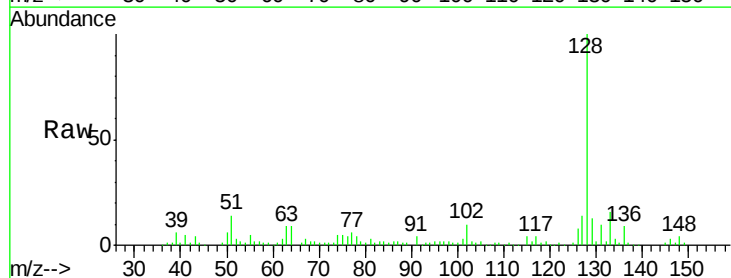


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

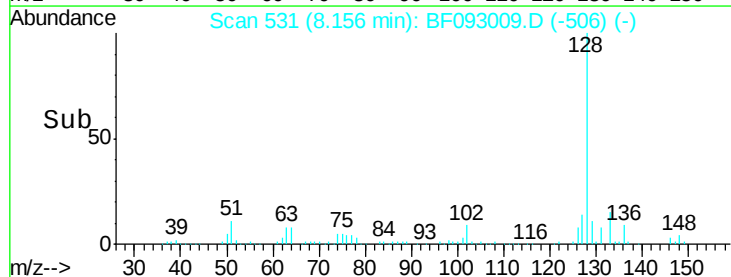
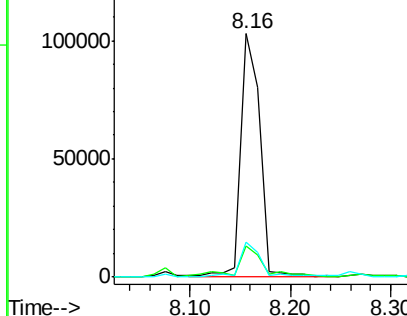


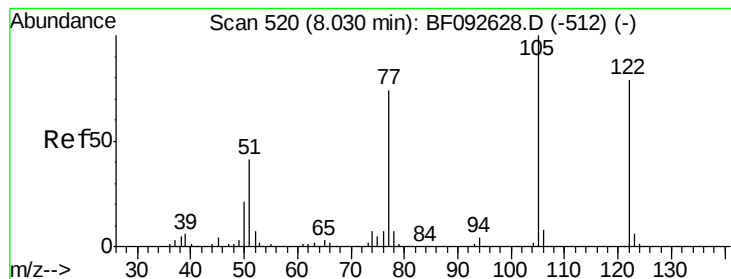
#31
Naphthalene
Concen: 3.75 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093009.D
Acq: 17 Feb 2017 14:41

Tgt Ion: 128 Resp: 134647
Ion Ratio Lower Upper
128 100
129 12.7 9.5 14.3
127 14.1 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: 7.44 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

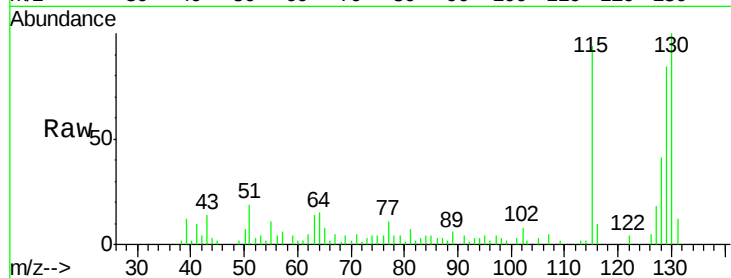
Tgt Ion:122 Resp: 1964

Ion Ratio Lower Upper

122 100

105 72.1 107.2 147.2#

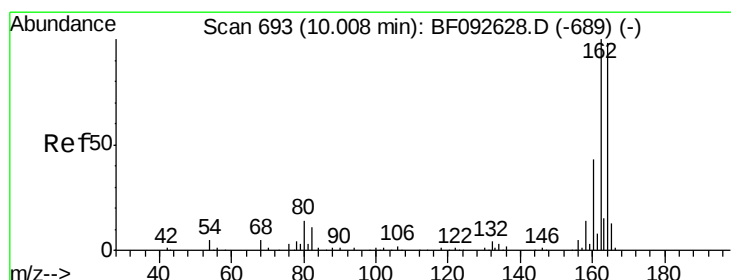
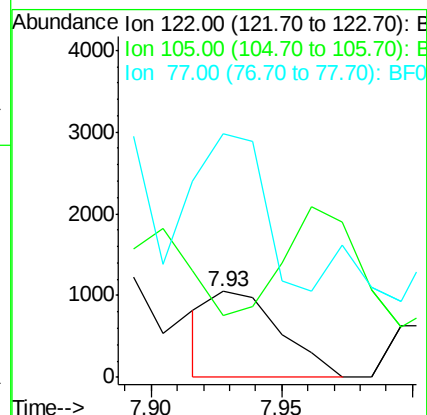
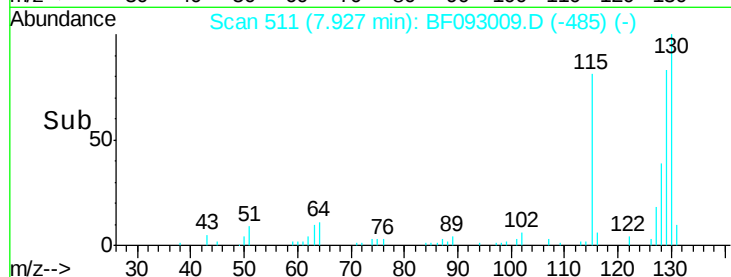
77 283.0 74.5 114.5#



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: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

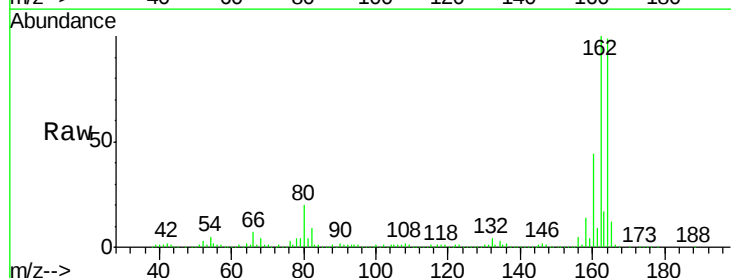
Tgt Ion:164 Resp: 393795

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

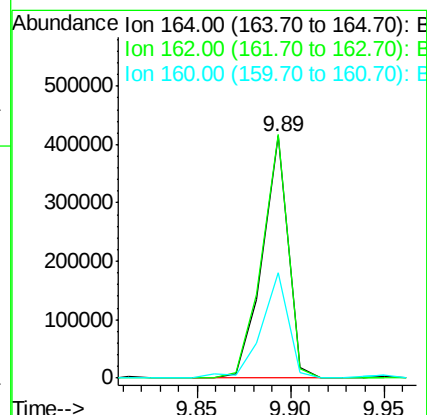
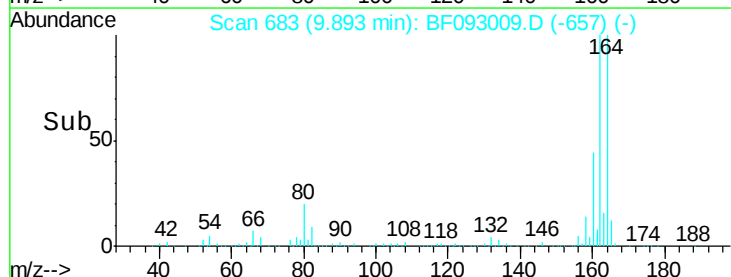
160 43.8 36.9 55.3

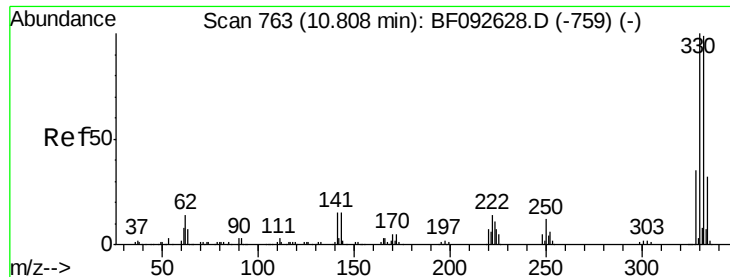


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

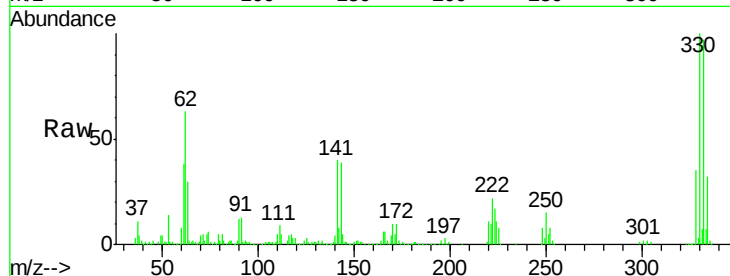




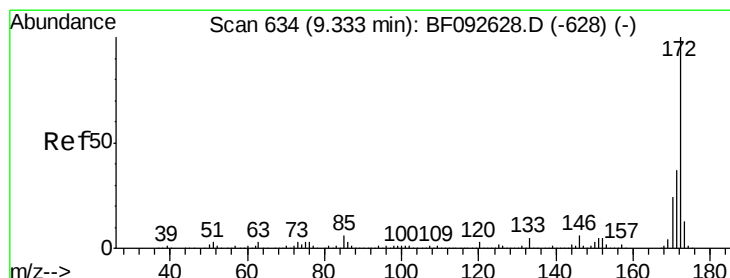
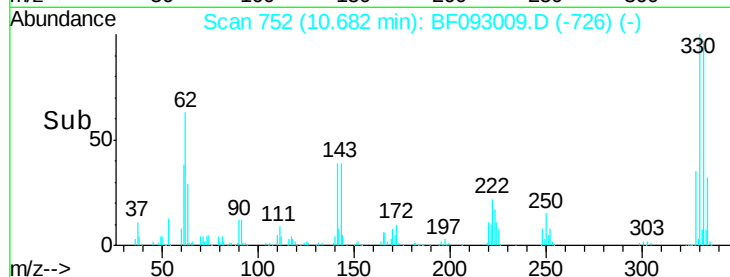
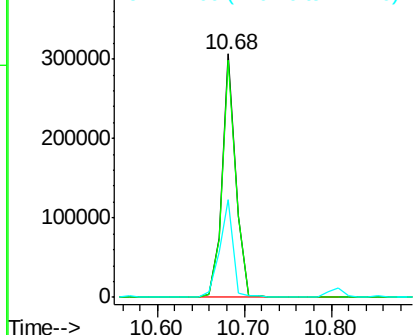
#41
 2,4,6-Tribromophenol
 Concen: 119.49 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-002

Tgt Ion:330 Resp: 340321
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 38.7 34.1 51.1

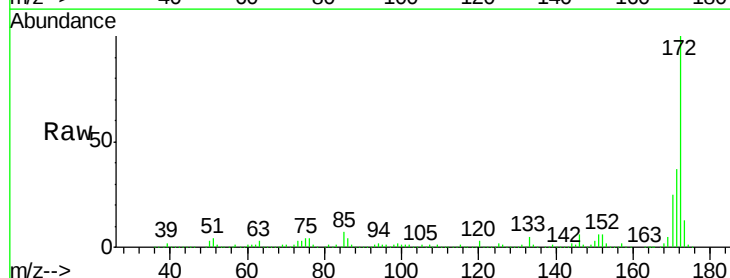


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

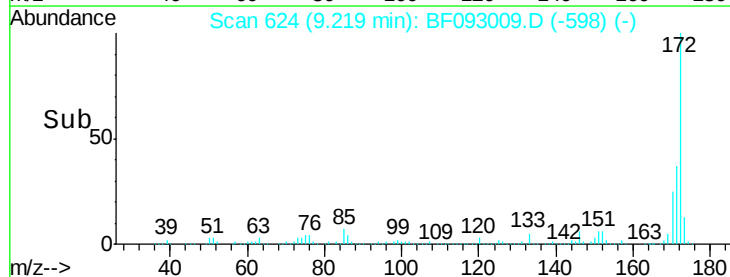
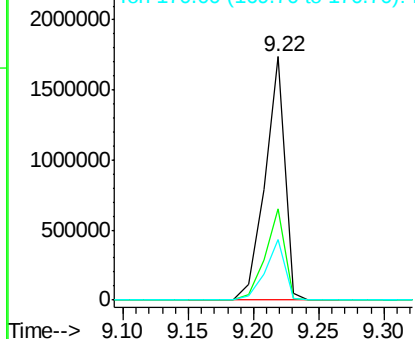


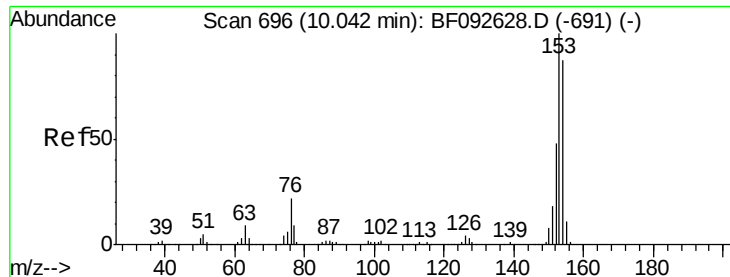
#44
 2-Fluorobiphenyl
 Concen: 85.15 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Tgt Ion:172 Resp: 1850767
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.1 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





#51

Acenaphthene

Concen: 28.35 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

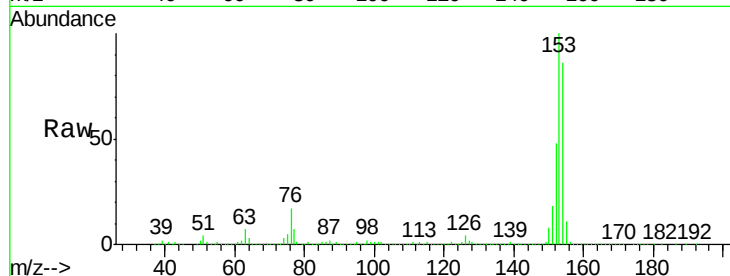
Tgt Ion:154 Resp: 653068

Ion Ratio Lower Upper

154 100

153 116.0 88.6 133.0

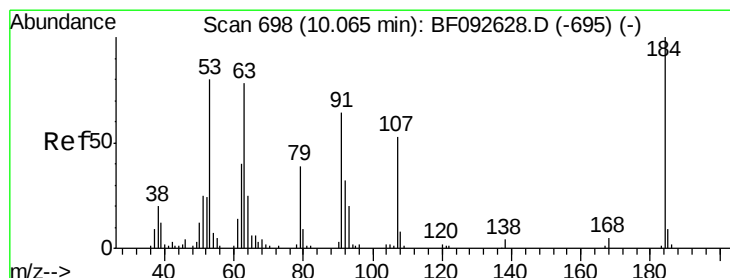
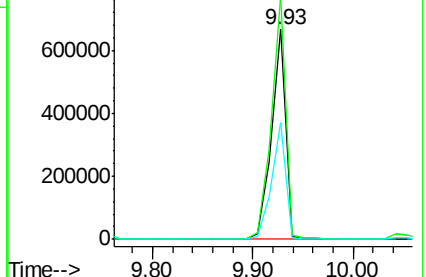
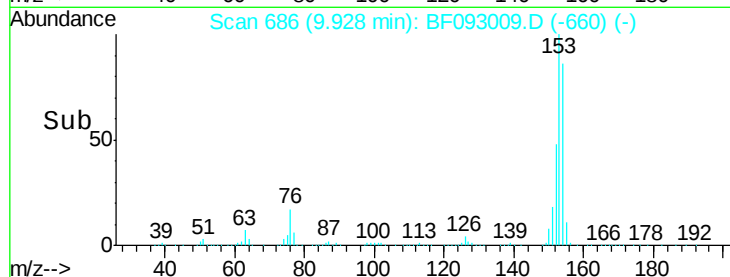
152 55.8 41.6 62.4



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



#53

2,4-Dinitrophenol

Concen: 4.87 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.24 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

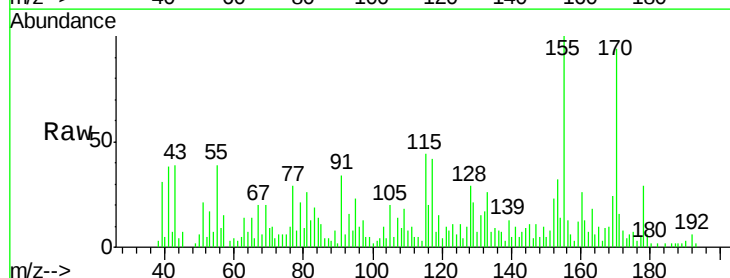
Tgt Ion:184 Resp: 434

Ion Ratio Lower Upper

184 100

63 857.8 28.4 42.6#

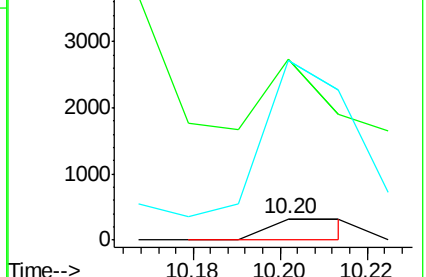
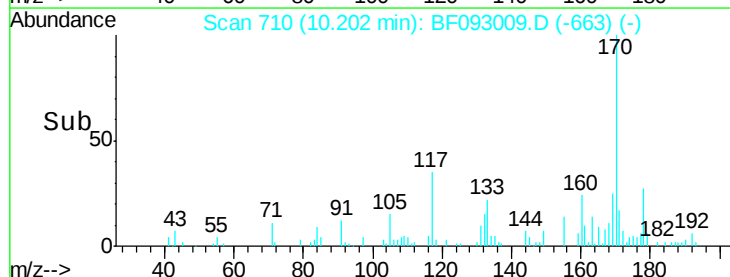
154 846.3 44.3 66.5#

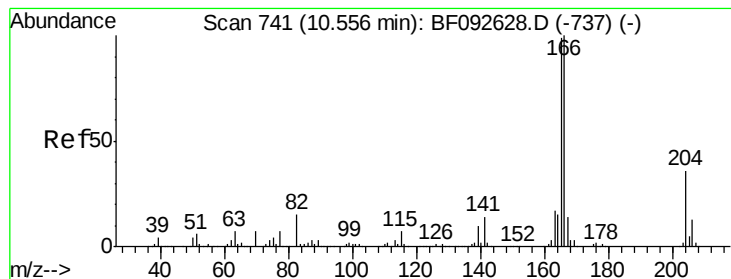


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#57

Fluorene

Concen: 2.43 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

Instrument :

BNA_F

ClientSampleId :

MANHOLE-002

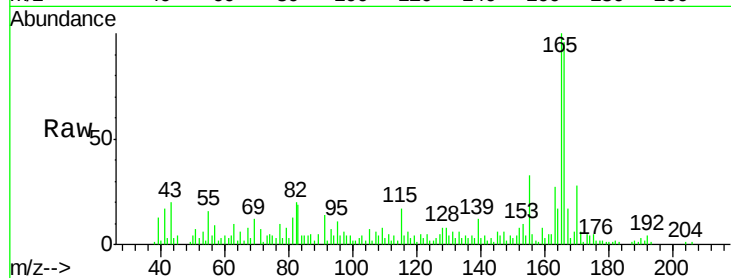
Tgt Ion:166 Resp: 57707

Ion Ratio Lower Upper

166 100

165 104.4 77.8 116.8

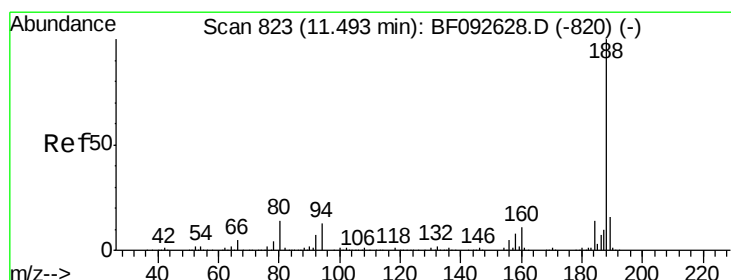
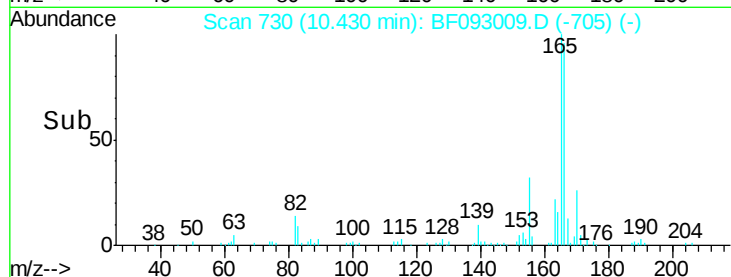
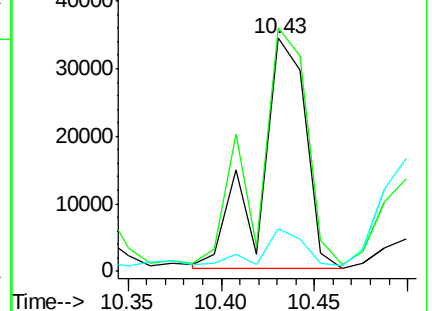
167 18.2 10.8 16.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093009.D

Acq: 17 Feb 2017 14:41

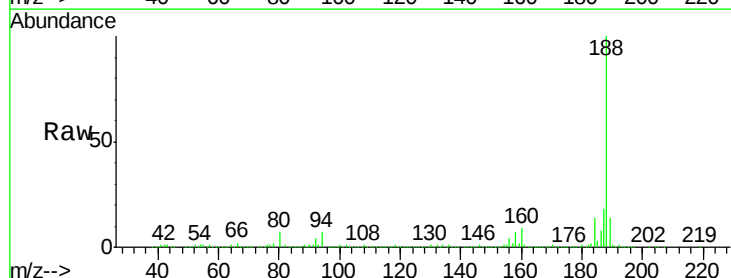
Tgt Ion:188 Resp: 630288

Ion Ratio Lower Upper

188 100

94 7.2 10.0 15.0#

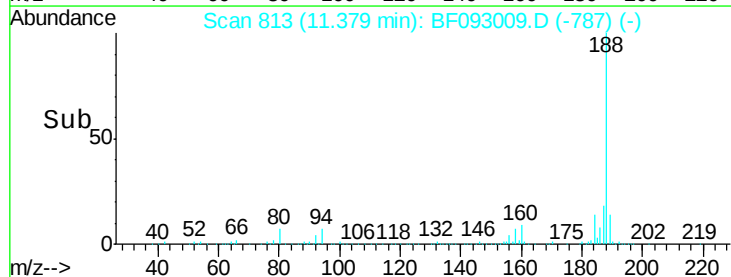
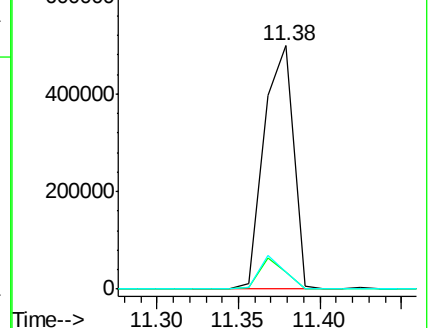
80 6.8 11.2 16.8#

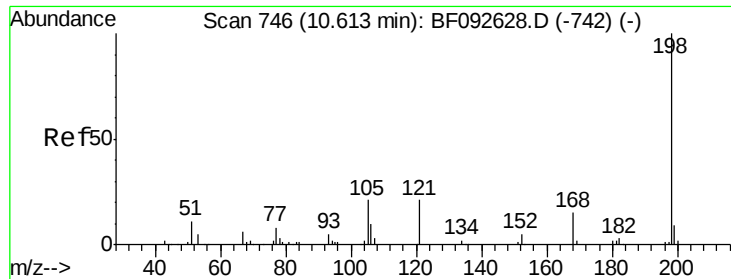


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

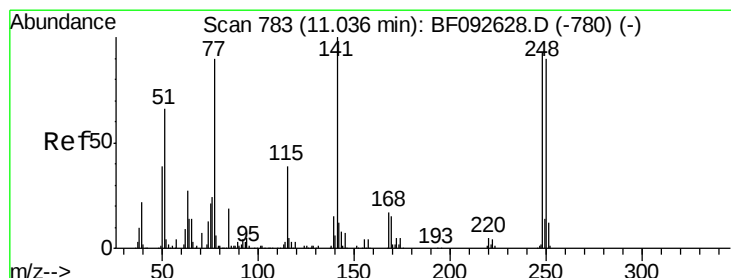
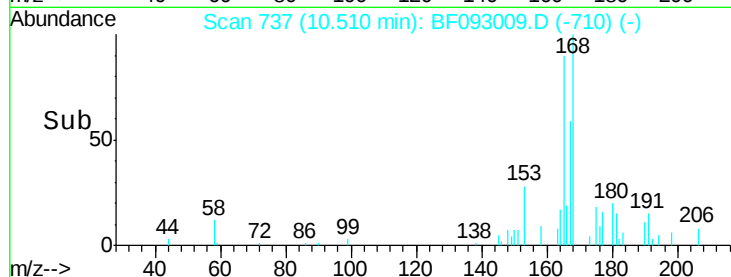
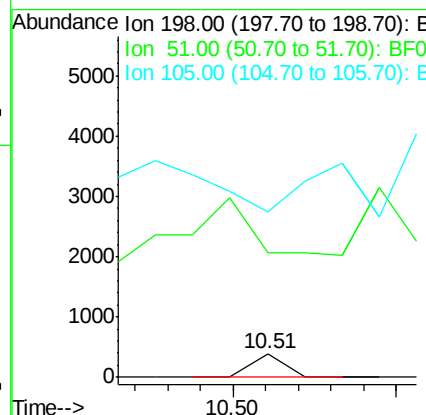
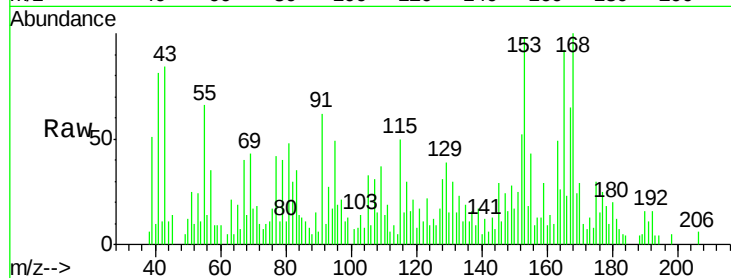




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.74 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

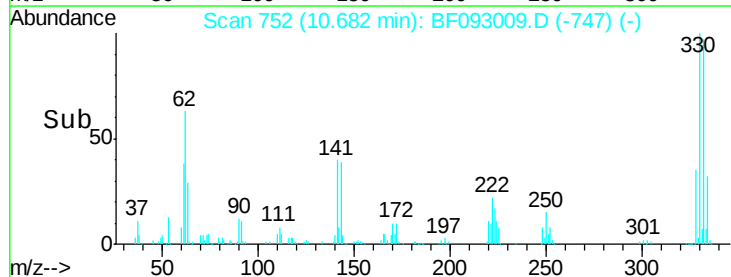
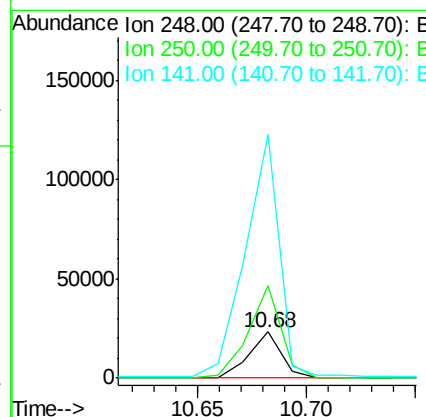
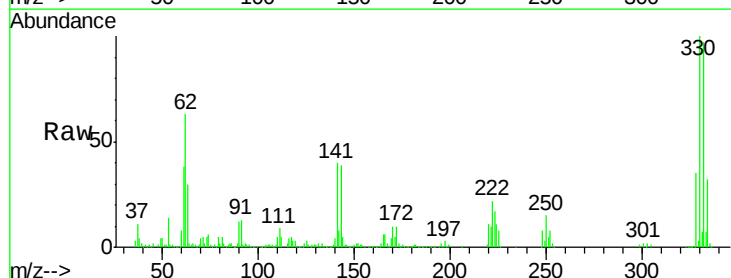
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-002

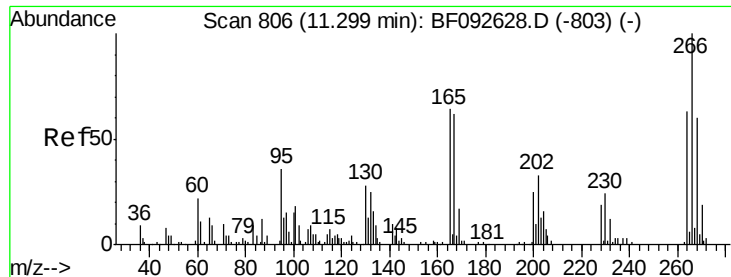
Tgt Ion:198 Resp: 272
 Ion Ratio Lower Upper
 198 100
 51 521.7 6.7 46.7#
 105 689.4 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.69 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Tgt Ion:248 Resp: 24272
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.9 115.3#
 141 527.3 68.2 102.4#

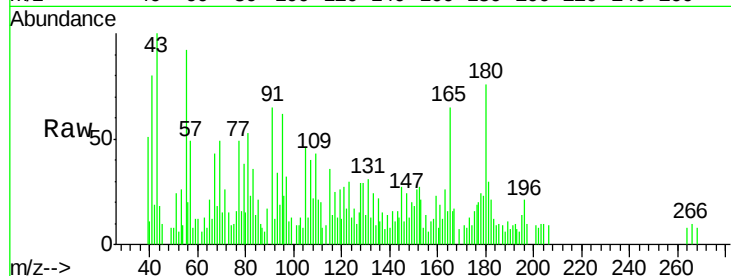




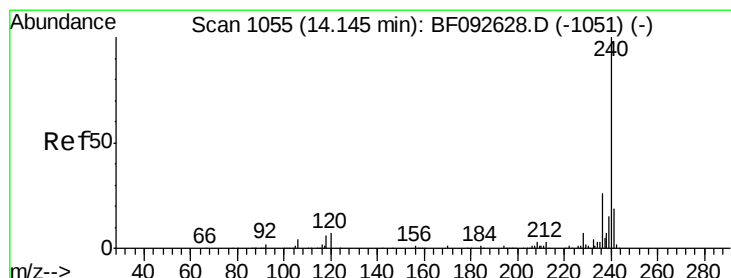
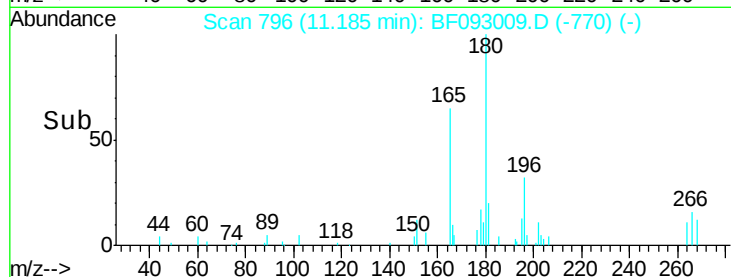
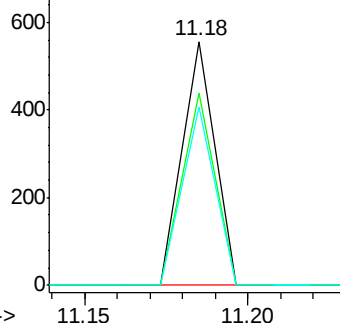
#69
 Pentachlorophenol
 Concen: 7.30 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-002

Tgt Ion:266 Resp: 381
 Ion Ratio Lower Upper
 266 100
 268 78.8 53.3 79.9
 264 73.2 50.3 75.5

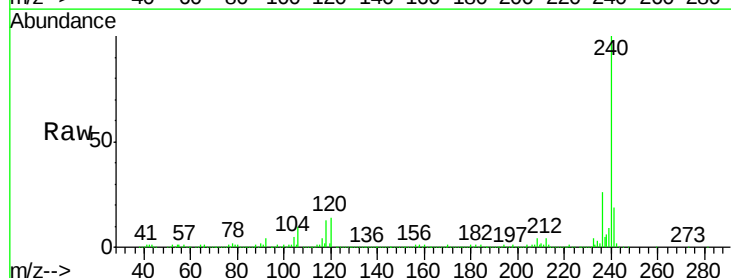


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

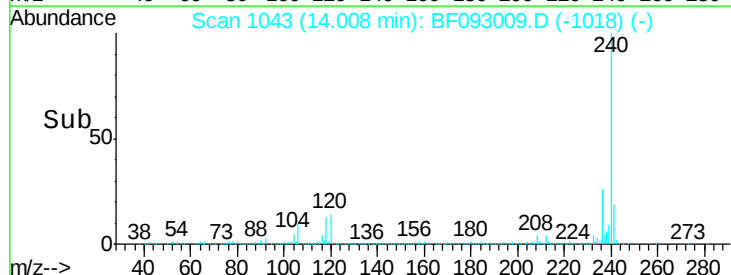
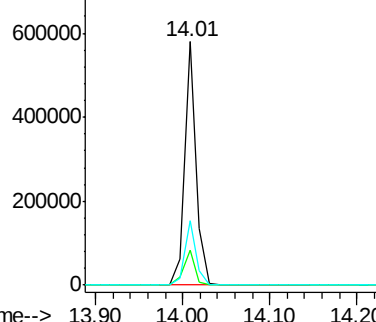


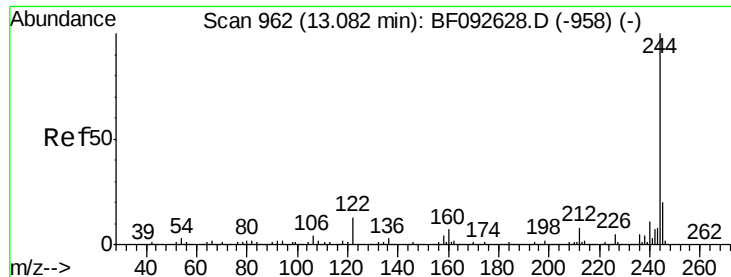
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Tgt Ion:240 Resp: 540586
 Ion Ratio Lower Upper
 240 100
 120 14.4 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

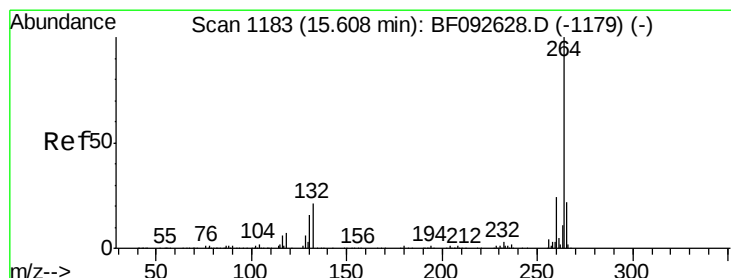
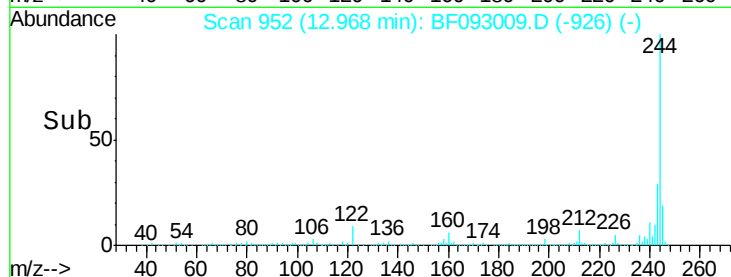
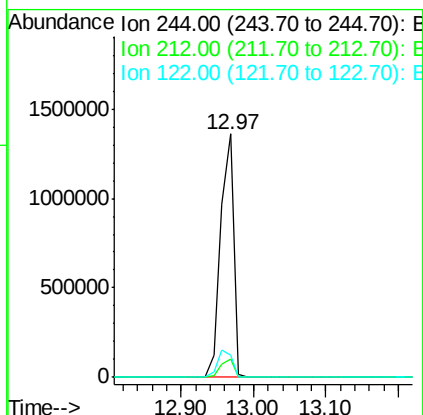
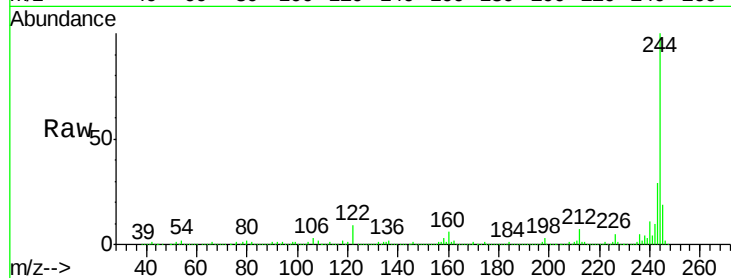




#78
 Terphenyl-d14
 Concen: 74.03 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-002

Tgt Ion:244 Resp: 1703181
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093009.D
 Acq: 17 Feb 2017 14:41

Tgt Ion:264 Resp: 467275
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.1 17.4 26.0

