

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003727.D
 Acq On : 23 Dec 2015 02:43
 Operator : UM/SJ
 Sample : G4912-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-2(0-2)

Quant Time: Dec 23 04:58:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

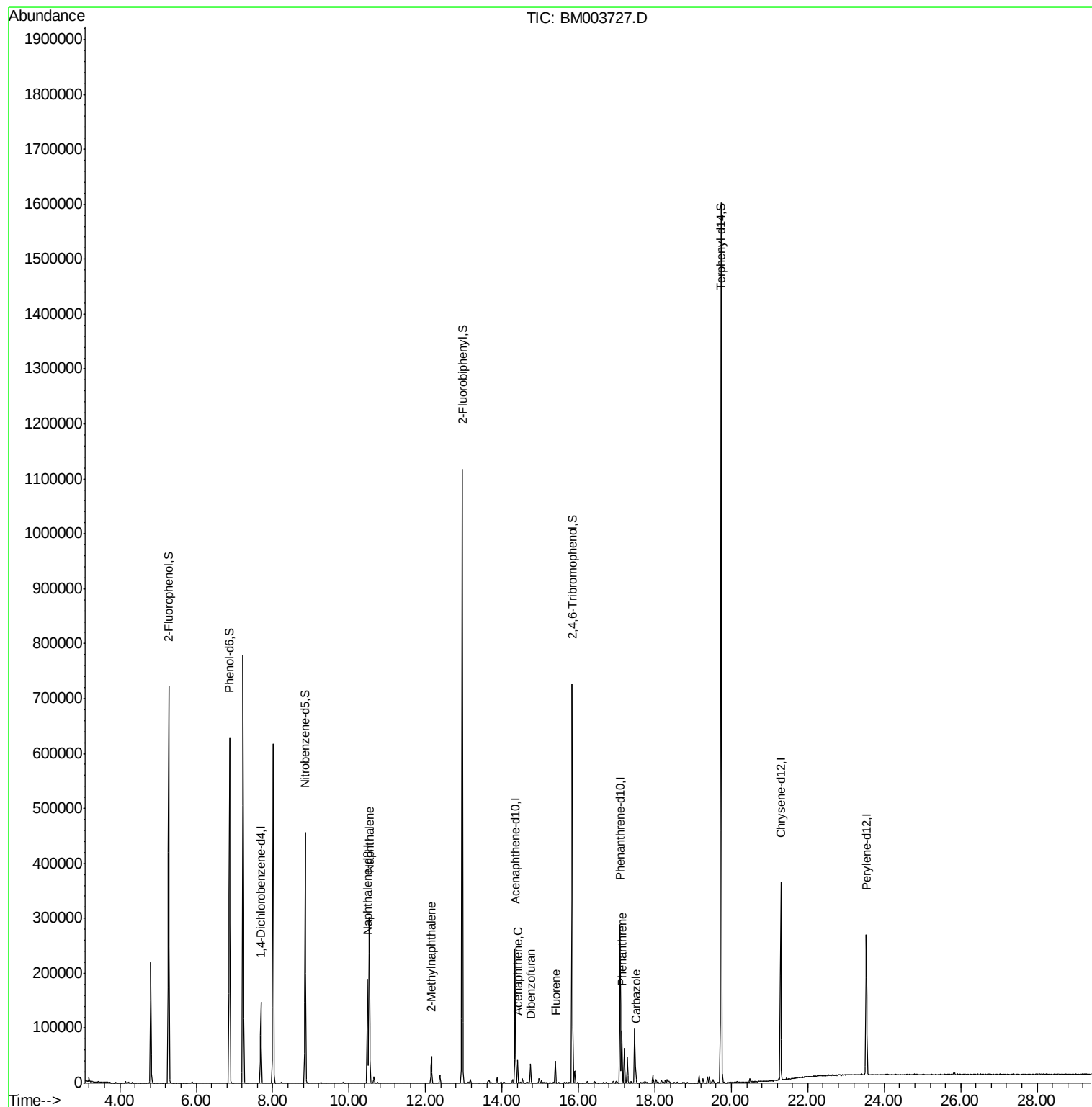
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	41024	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	160131	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	80451	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	166329	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	171921	20.00	ng	-0.03
86) Perylene-d12	23.53	264	176889	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	322972	139.97	ng	-0.02
7) Phenol-d6	6.87	99	378962	118.27	ng	-0.02
23) Nitrobenzene-d5	8.85	82	268524	103.97	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	114992	143.12	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	587743	99.53	ng	-0.03
78) Terphenyl-d14	19.73	244	679060	93.15	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	255572	30.50	ng	100
37) 2-Methylnaphthalene	12.15	142	26279	4.57	ng	97
51) Acenaphthene	14.41	154	15348	3.03	ng	99
54) Dibenzofuran	14.74	168	24795	3.39	ng	94
57) Fluorene	15.40	166	20022	3.30	ng	98
70) Phenanthrene	17.13	178	58882	6.31	ng	99
72) Carbazole	17.50	167	19858	2.46	ng	99

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

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



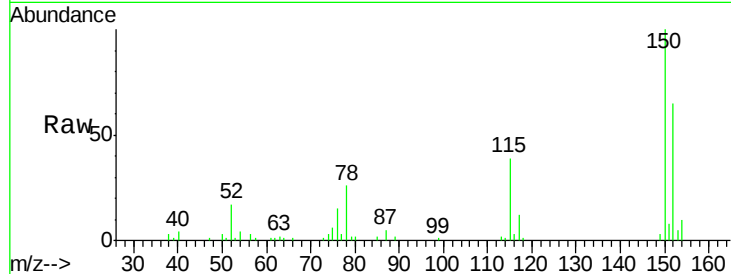


#1

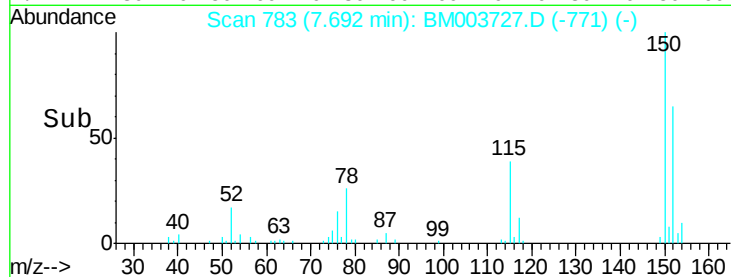
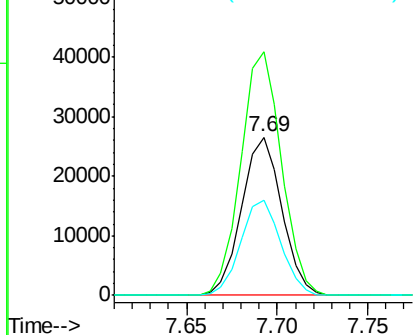
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003727.D
Acq: 23 Dec 2015 02:43

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-2(0-2)

Tot Ion:152 Resp: 41024
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 60.2 43.0 64.4



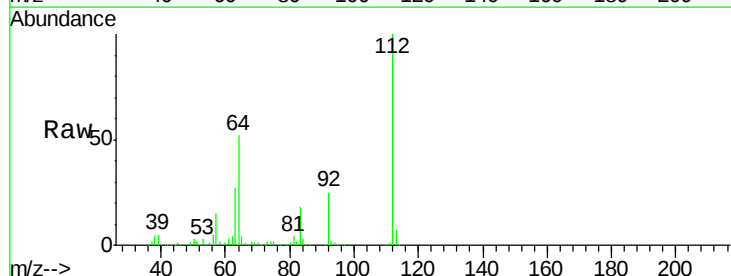
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



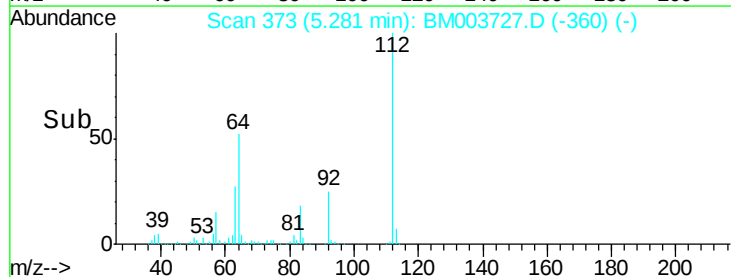
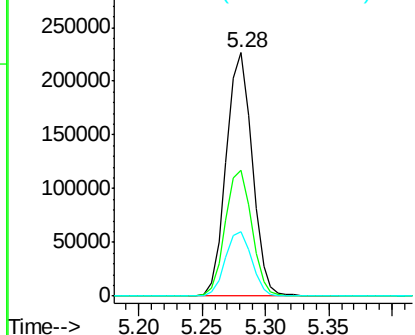
#5

2-Fluorophenol
Concen: 139.97 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003727.D
Acq: 23 Dec 2015 02:43

Tgt Ion:112 Resp: 322972
Ion Ratio Lower Upper
112 100
64 51.7 38.6 57.8
63 26.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 118.27 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-2(0-2)

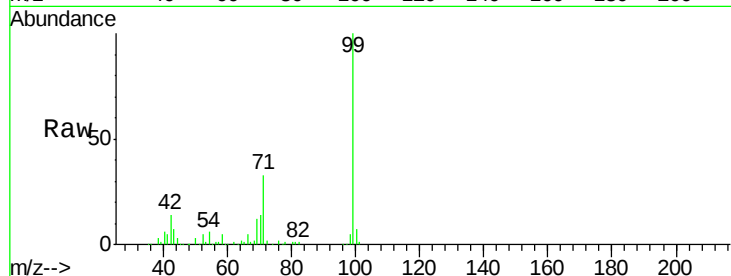
Tot Ion: 99 Resp: 378962

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

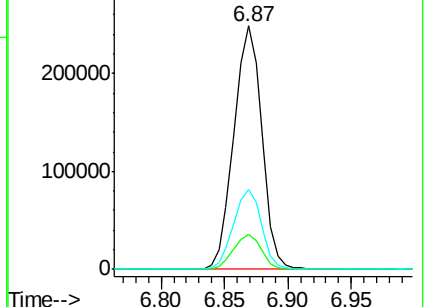
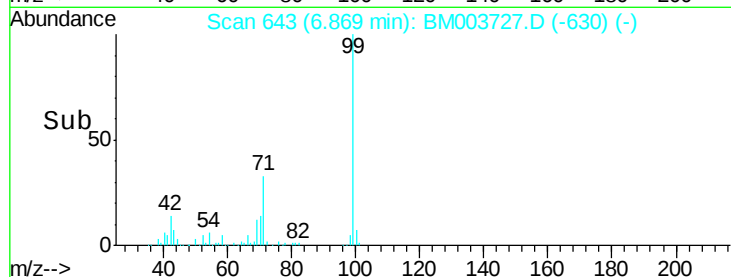
71 32.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003727.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003727.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003727.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Tgt Ion: 136 Resp: 160131

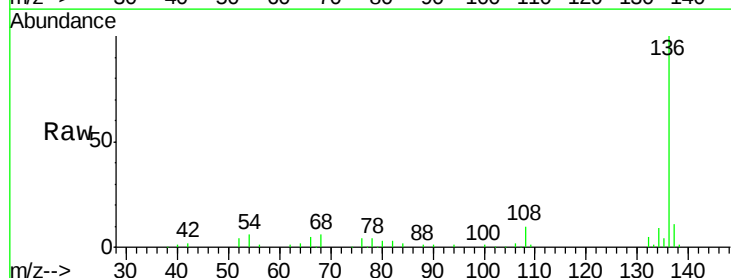
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.2 4.6 6.8

68 5.8 3.7 5.5#

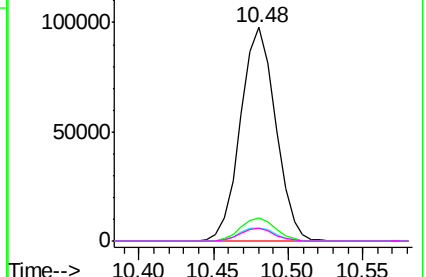
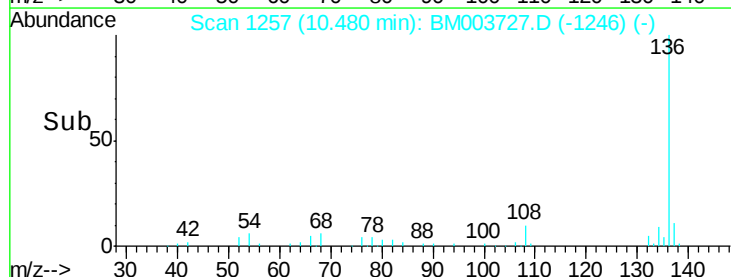


Abundance Ion 136.00 (135.70 to 136.70): BM003727.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003727.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003727.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003727.D (-1246) (-)

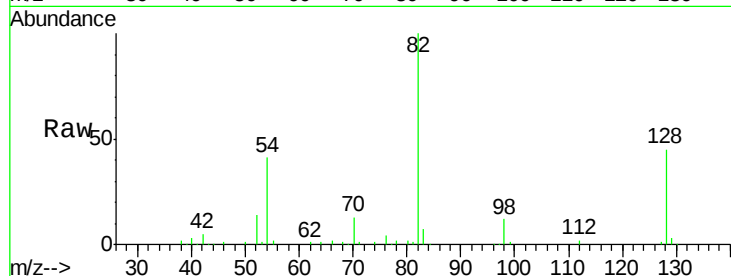




#23
 Nitrobenzene-d5
 Concen: 103.97 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-2(0-2)

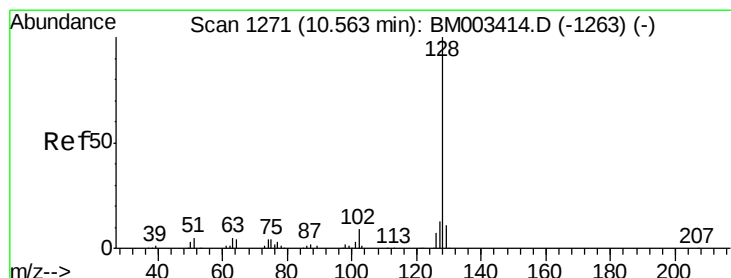
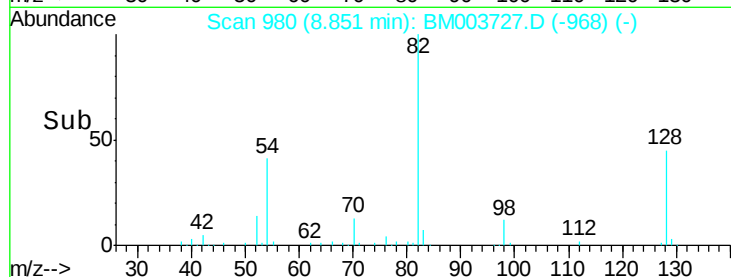
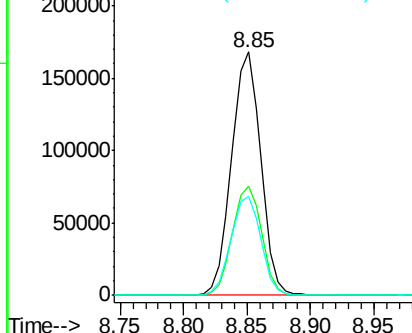
Tot Ion	82	Resp	268524
Ion Ratio	Lower	Upper	
82	100		
128	45.1	32.8	49.2
54	40.7	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003727.D (-968) (-)

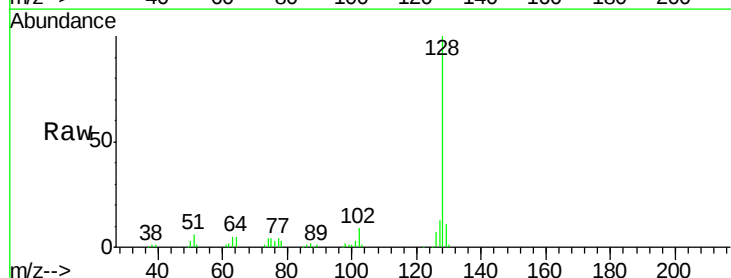
Ion 128.00 (127.70 to 128.70): BM003727.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003727.D (-968) (-)



#31
 Naphthalene
 Concen: 30.50 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

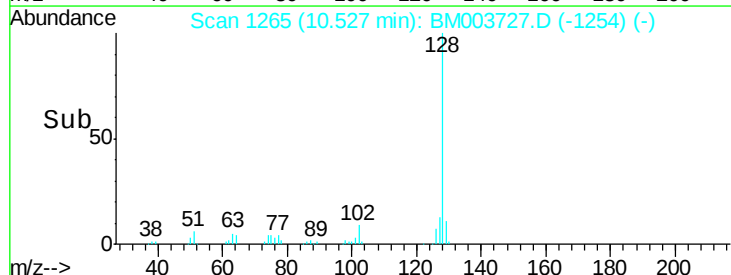
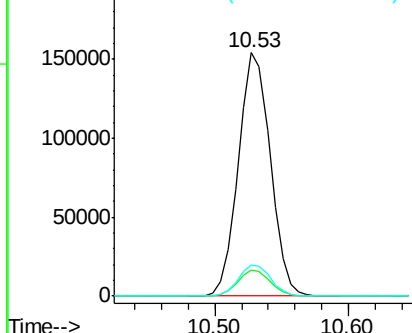
Tgt Ion	128	Resp	255572
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.9	13.3
127	13.0	10.4	15.6

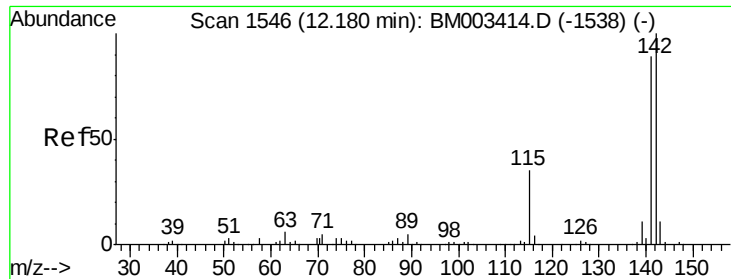


Abundance Ion 128.00 (127.70 to 128.70): BM003727.D (-1254) (-)

Ion 129.00 (128.70 to 129.70): BM003727.D (-1254) (-)

Ion 127.00 (126.70 to 127.70): BM003727.D (-1254) (-)

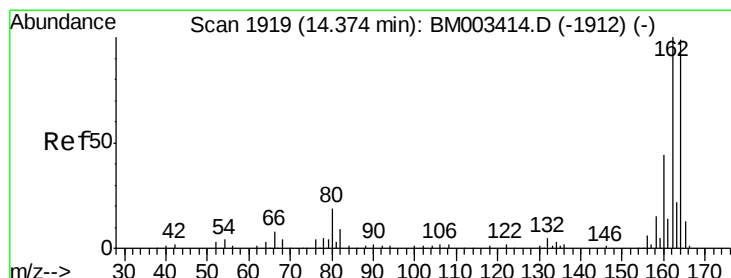
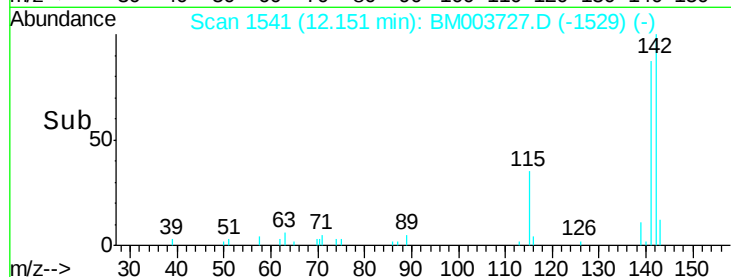
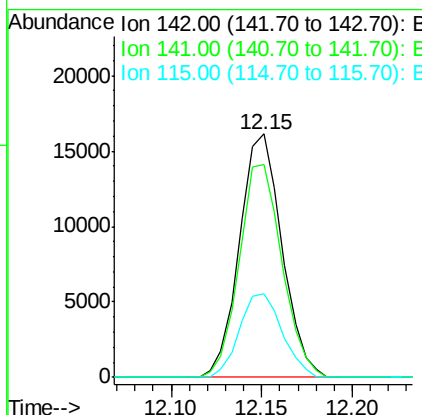
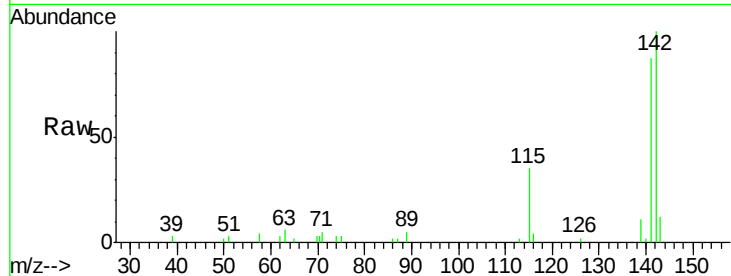




#37
 2-Methylnaphthalene
 Concen: 4.57 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

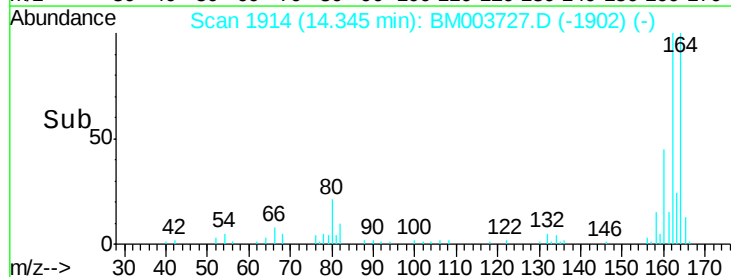
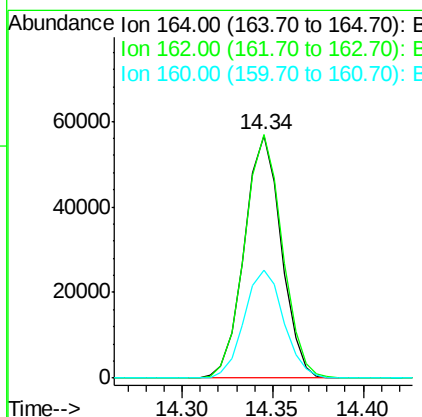
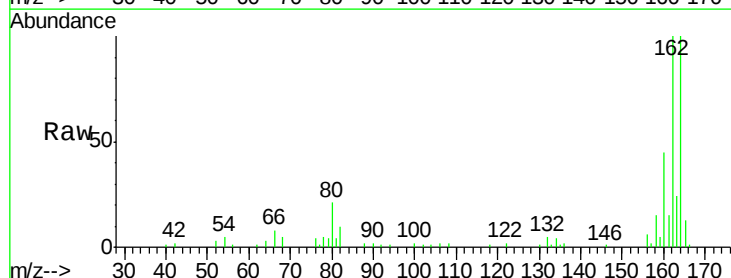
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-2(0-2)

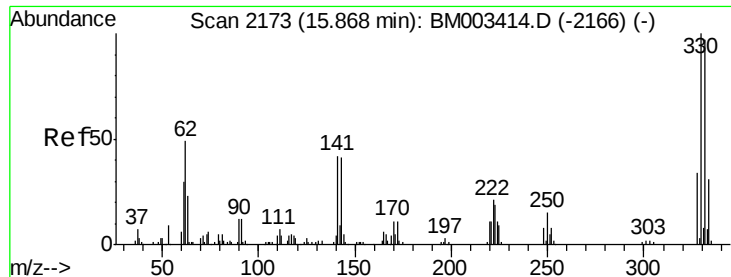
Tot Ion:142 Resp: 26279
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.9 107.9
 115 34.6 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

Tgt Ion:164 Resp: 80451
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.4 123.6
 160 44.7 35.8 53.6

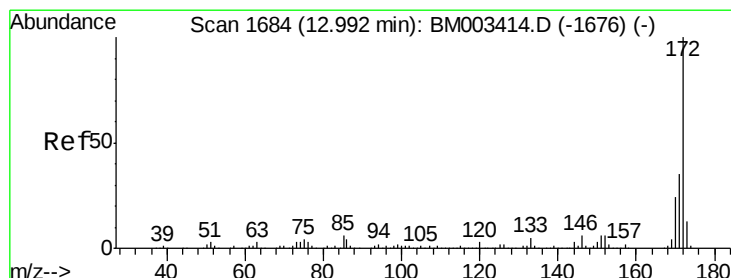
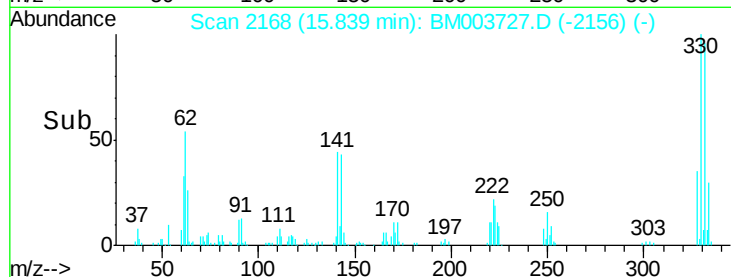
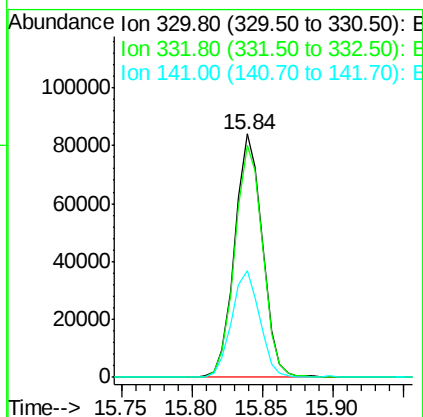
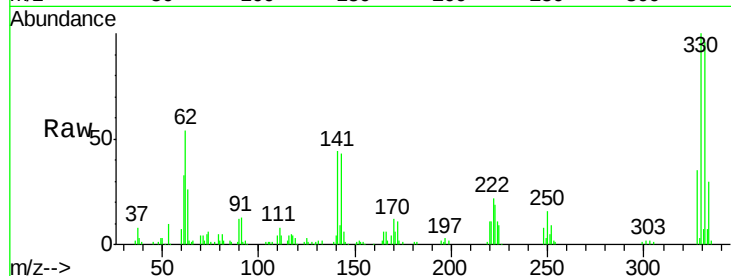




#41
 2,4,6-Tribromophenol
 Concen: 143.12 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

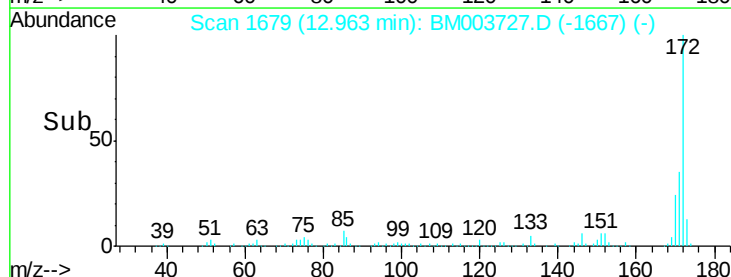
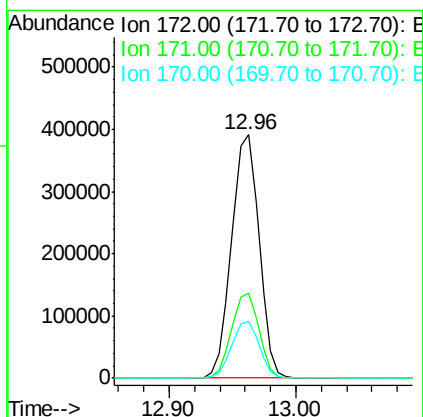
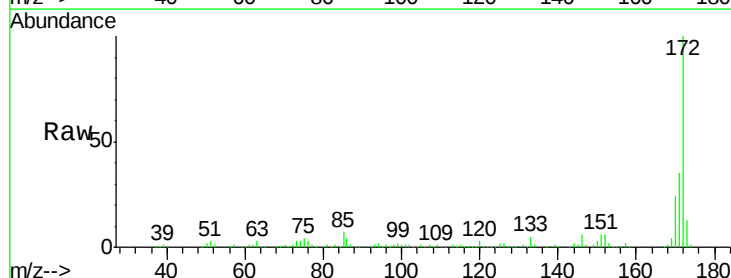
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-2(0-2)

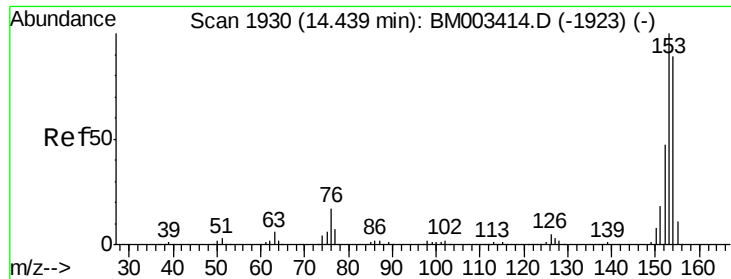
Tot Ion:330 Resp: 114992
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 44.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.53 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

Tgt Ion:172 Resp: 587743
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.5 18.8 28.2





#51

Acenaphthene

Concen: 3.03 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-2(0-2)

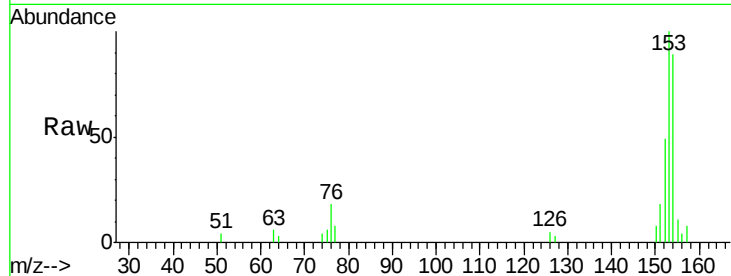
Tot Ion:154 Resp: 15348

Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

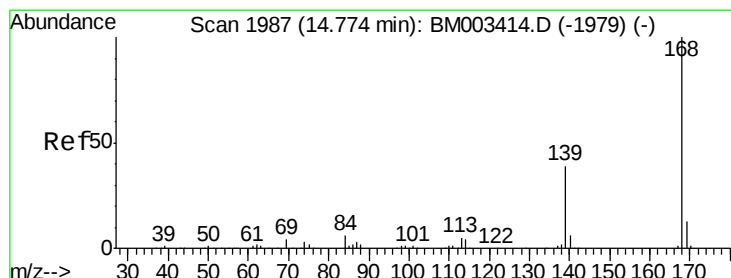
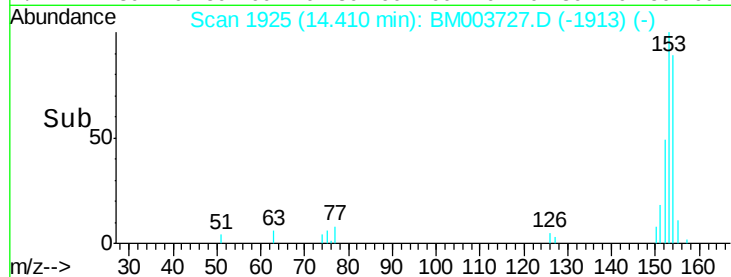
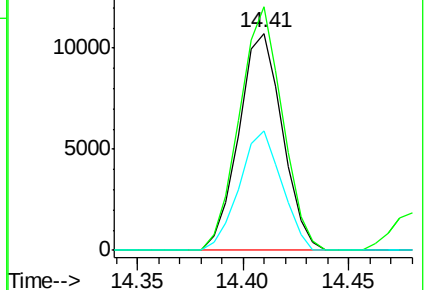
152 55.0 42.6 63.8



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



#54

Dibenzofuran

Concen: 3.39 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

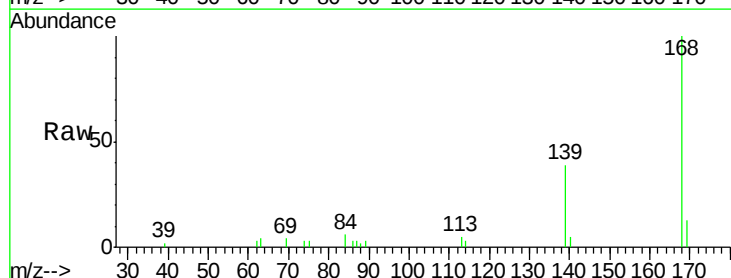
Tgt Ion:168 Resp: 24795

Ion Ratio Lower Upper

168 100

139 38.9 27.3 40.9

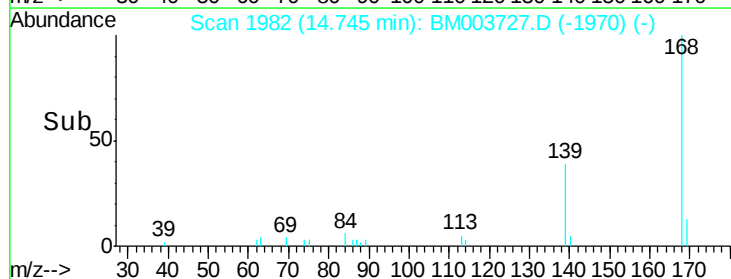
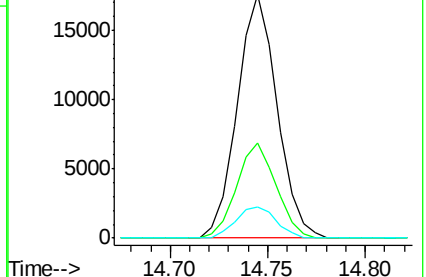
169 12.8 10.6 16.0

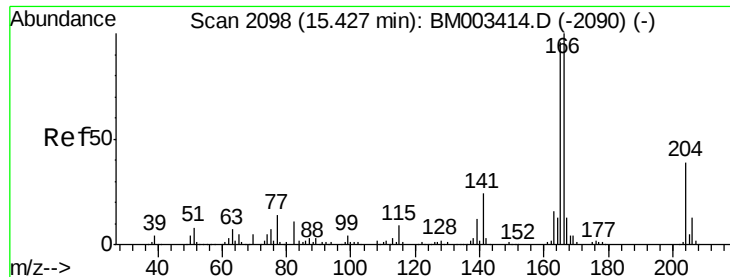


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 3.30 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-2(0-2)

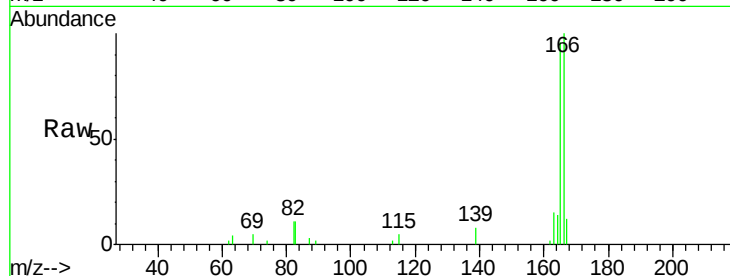
Tot Ion:166 Resp: 20022

Ion Ratio Lower Upper

166 100

165 96.3 79.0 118.4

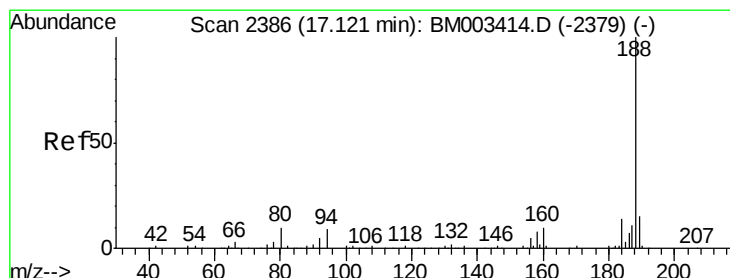
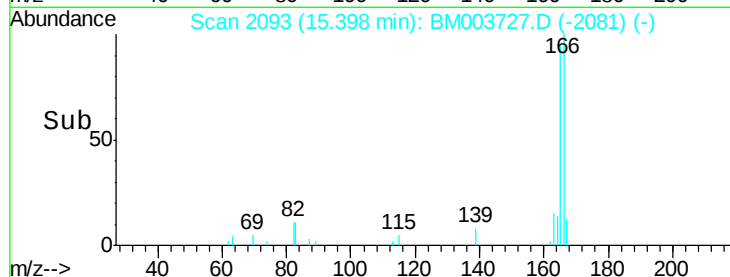
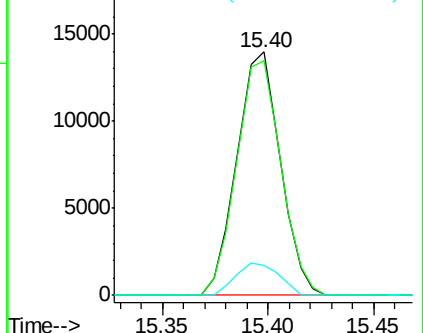
167 12.3 10.3 15.5



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: 17.09 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

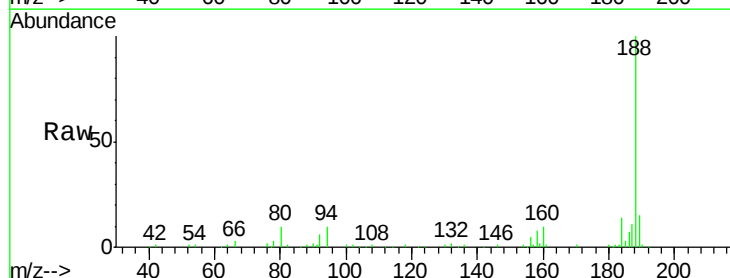
Tgt Ion:188 Resp: 166329

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

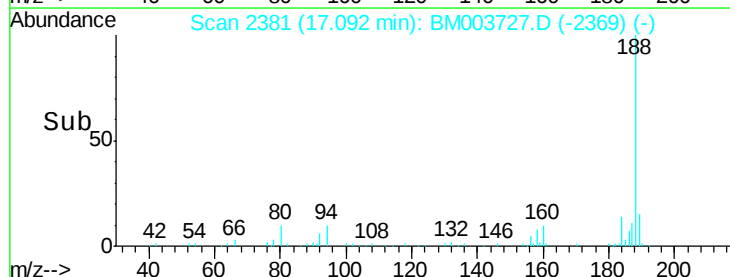
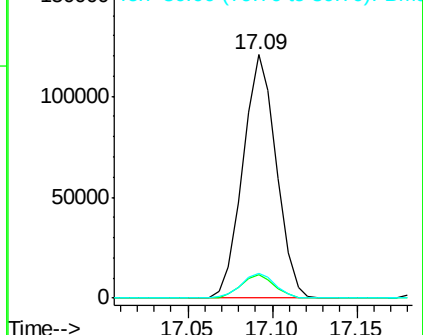
80 10.3 9.3 13.9

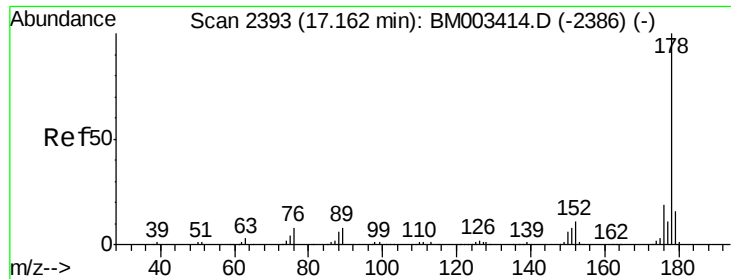


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#70

Phenanthrene

Concen: 6.31 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Instrument :

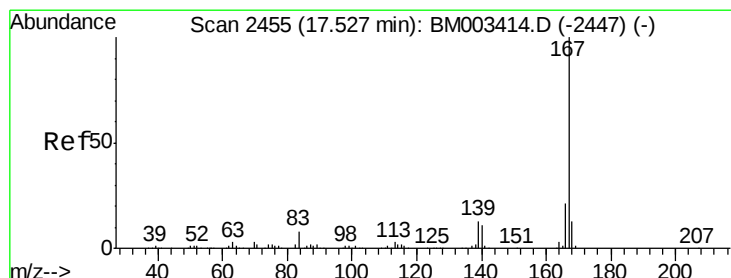
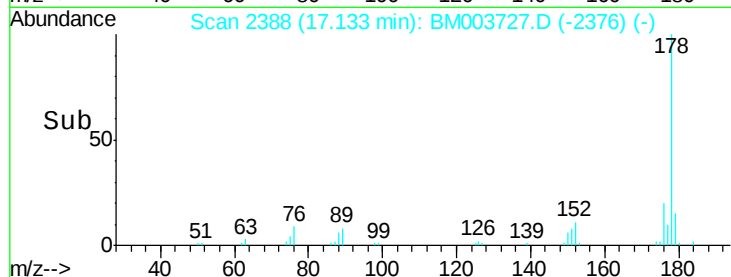
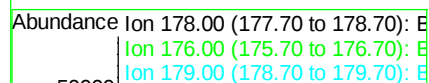
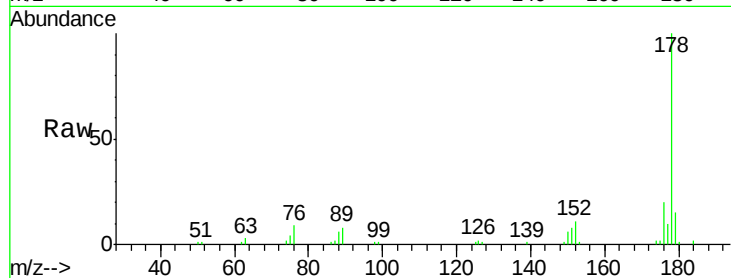
BNA_M

ClientSampleId :

STOCKPILE-2(0-2)

Tot Ion:178 Resp: 58882

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.3	12.1	18.1



#72

Carbazole

Concen: 2.46 ng

RT: 17.50 min Scan# 2450

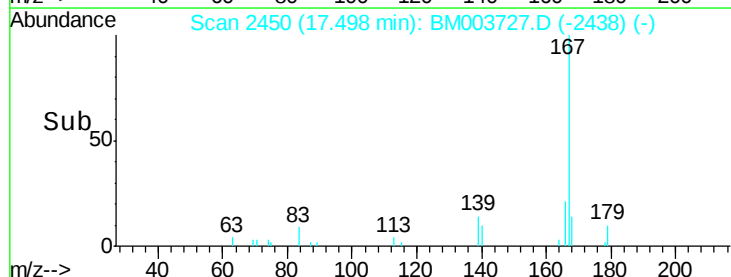
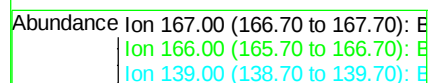
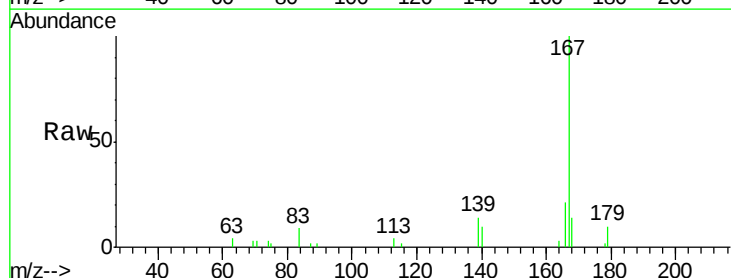
Delta R.T. -0.03 min

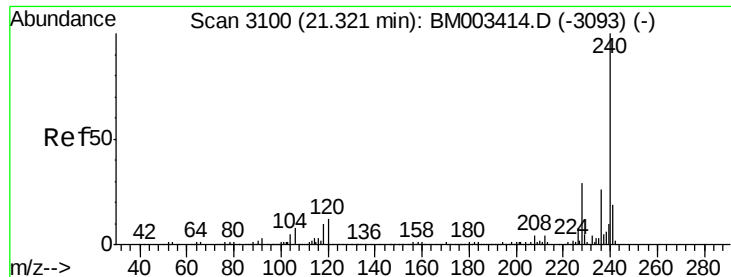
Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Tgt Ion:167 Resp: 19858

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	13.5	10.8	16.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-2(0-2)

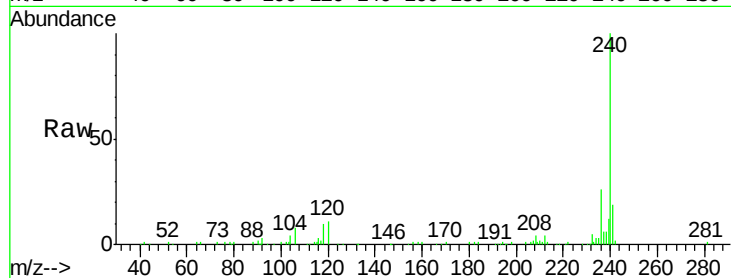
Tot Ion:240 Resp: 171921

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

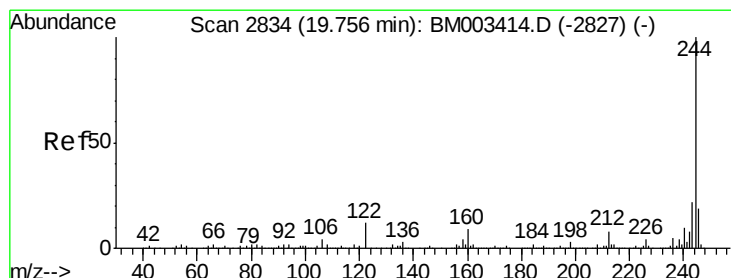
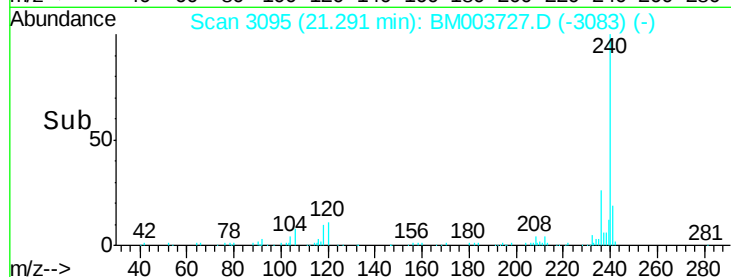
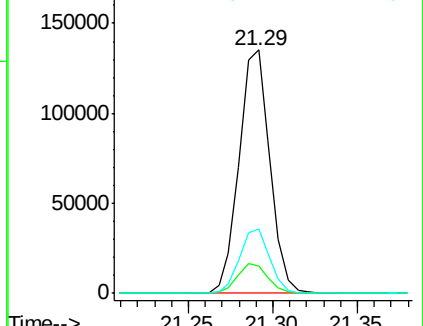
236 26.2 20.0 30.0



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: 93.15 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003727.D

Acq: 23 Dec 2015 02:43

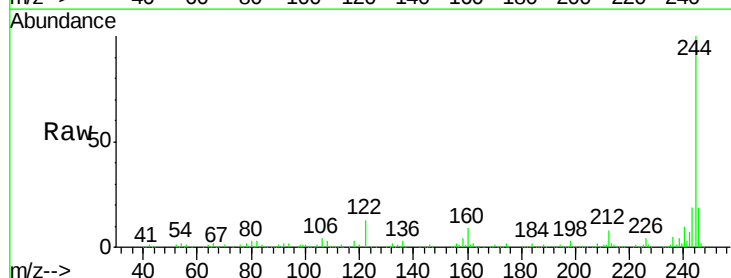
Tgt Ion:244 Resp: 679060

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

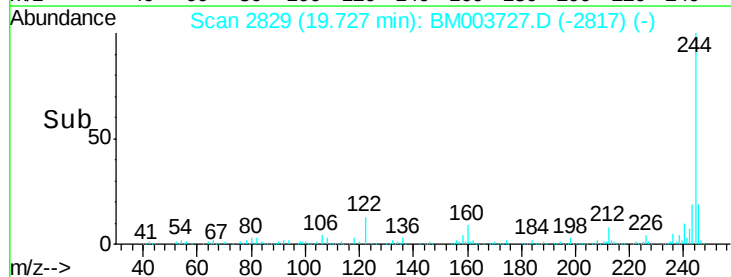
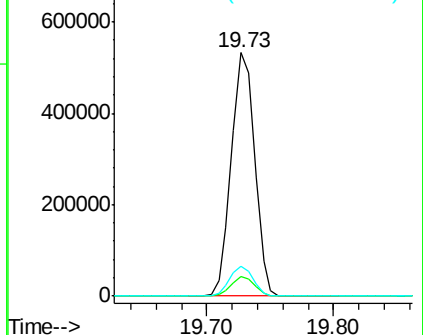
122 12.5 6.2 9.4#

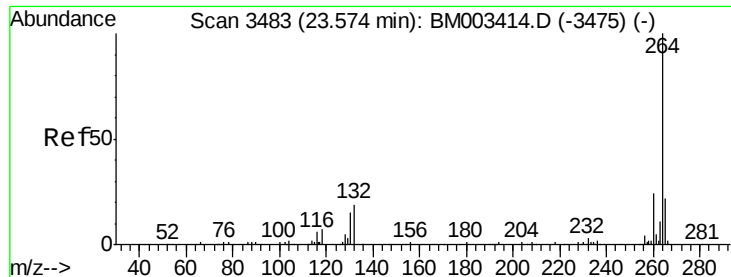


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM003727.D
 Acq: 23 Dec 2015 02:43

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-2(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.0	17.3	25.9

