

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003728.D
 Acq On : 23 Dec 2015 03:19
 Operator : UM/SJ
 Sample : G4912-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-3(0-2)

Quant Time: Dec 23 04:58:17 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

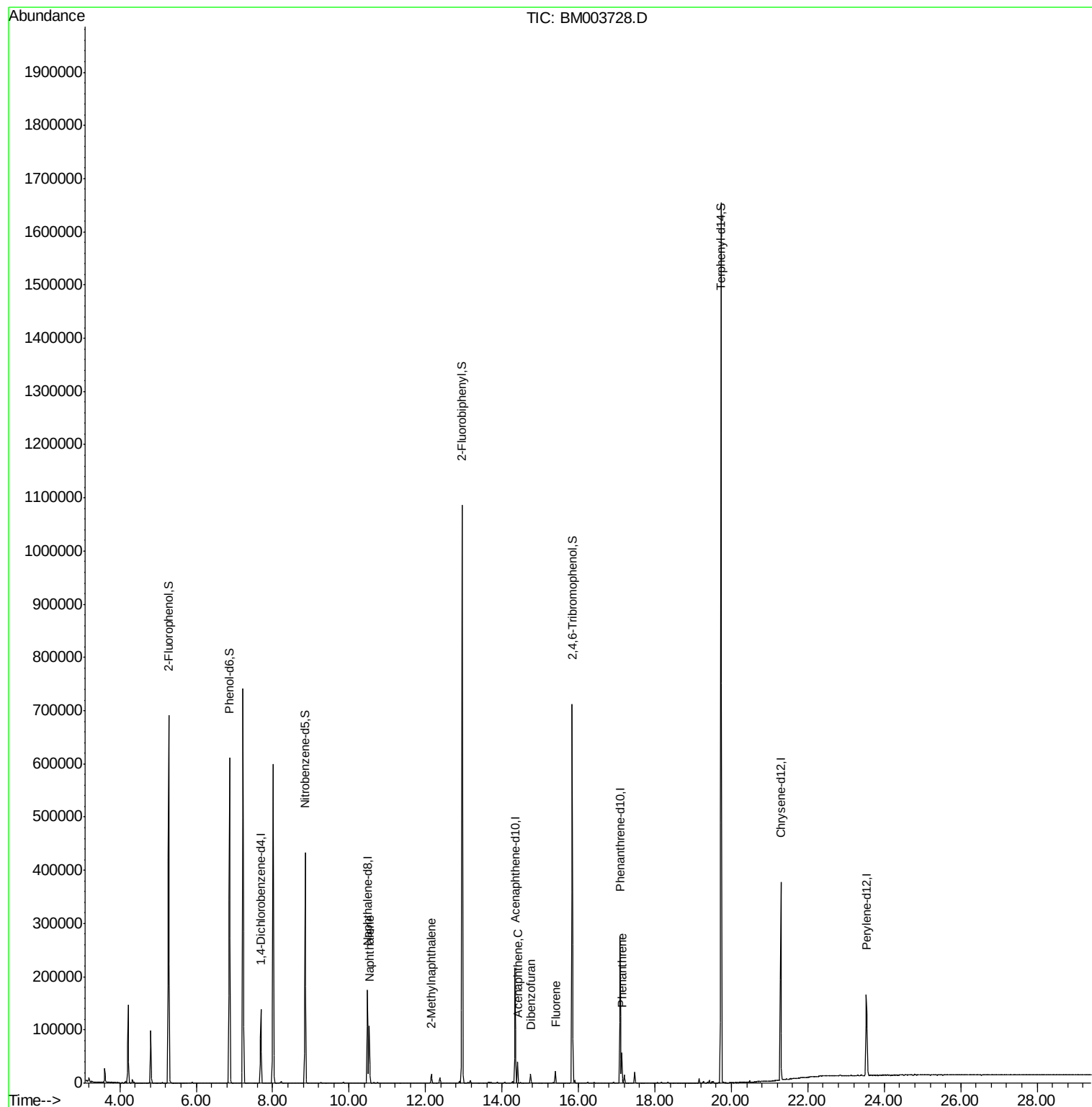
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37951	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	149132	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	71685	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	158435	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	172546	20.00	ng	-0.03
86) Perylene-d12	23.53	264	78989	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	311100	145.74	ng	-0.02
7) Phenol-d6	6.87	99	364846	123.09	ng	-0.02
23) Nitrobenzene-d5	8.85	82	256434	106.61	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	112830	157.60	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	570163	108.36	ng	-0.04
78) Terphenyl-d14	19.73	244	687874	94.02	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	92178	11.81	ng	100
37) 2-Methylnaphthalene	12.15	142	10858	2.03	ng	95
51) Acenaphthene	14.41	154	15320	3.40	ng	99
54) Dibenzofuran	14.74	168	13610	2.09	ng	98
57) Fluorene	15.40	166	11343	2.10	ng	99
70) Phenanthrene	17.13	178	36239	4.08	ng	100

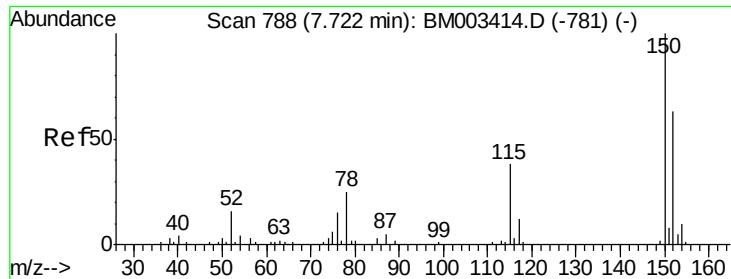
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STOCKPILE-3(0-2)

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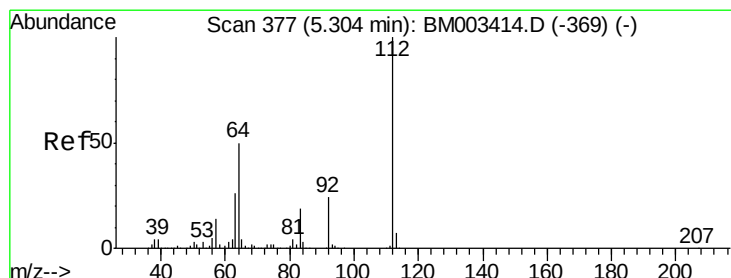
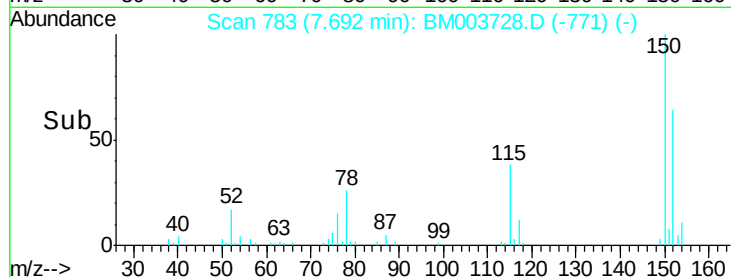
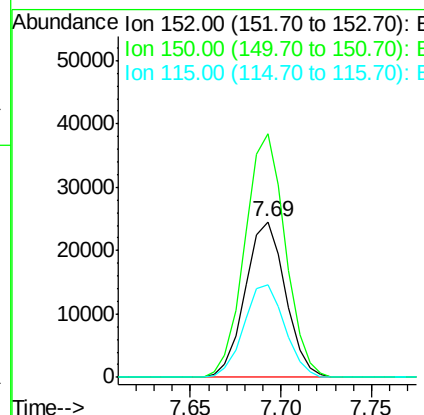
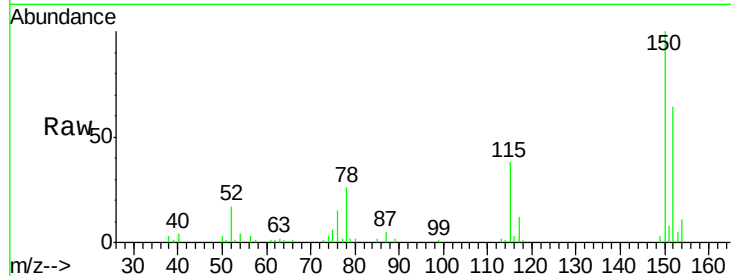


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003728.D
Acq: 23 Dec 2015 03:19

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-3(0-2)

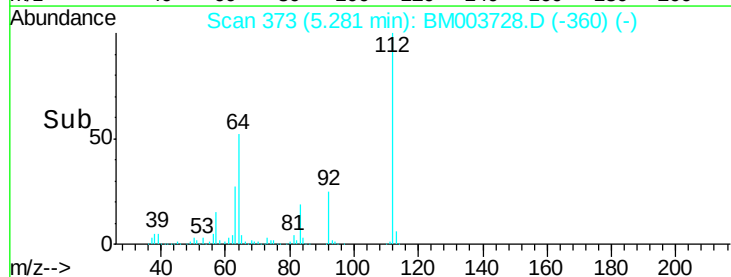
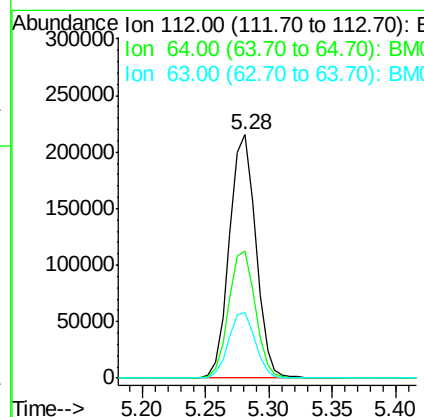
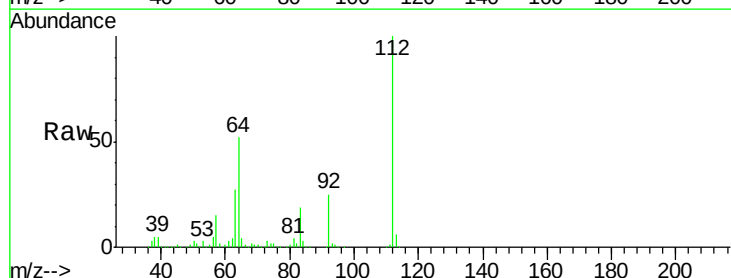
Tot Ion:152 Resp: 37951
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 59.5 43.0 64.4

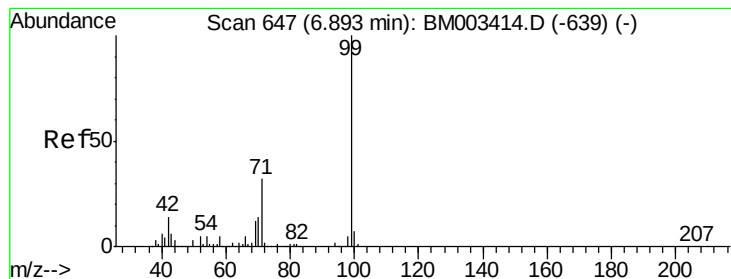


#5

2-Fluorophenol
Concen: 145.74 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003728.D
Acq: 23 Dec 2015 03:19

Tgt Ion:112 Resp: 311100
Ion Ratio Lower Upper
112 100
64 52.3 38.6 57.8
63 26.9 19.3 28.9





#7

Phenol-d6

Concen: 123.09 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-3(0-2)

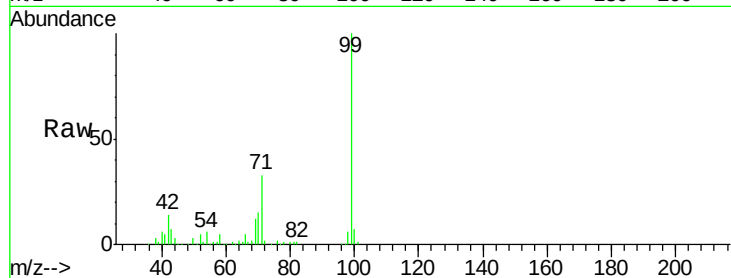
Tot Ion: 99 Resp: 364846

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

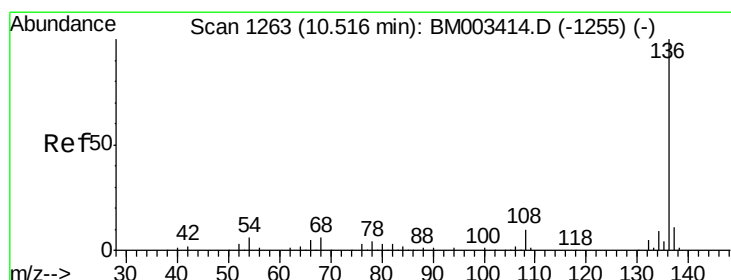
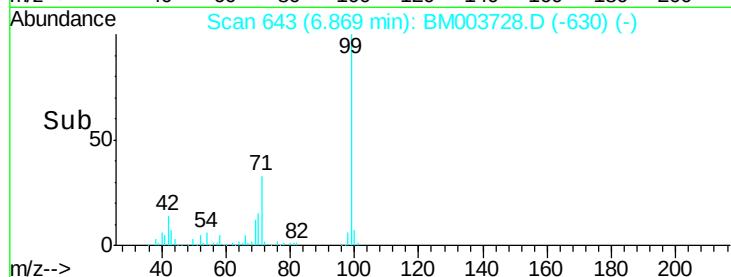
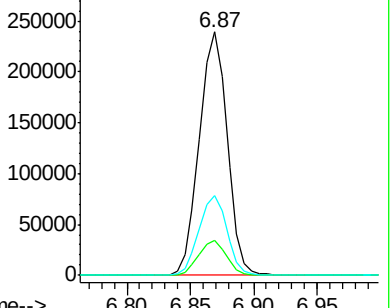
71 32.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

Tgt Ion: 136 Resp: 149132

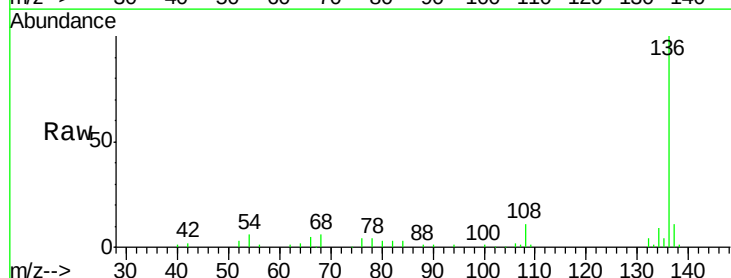
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.0 4.6 6.8

68 5.8 3.7 5.5#

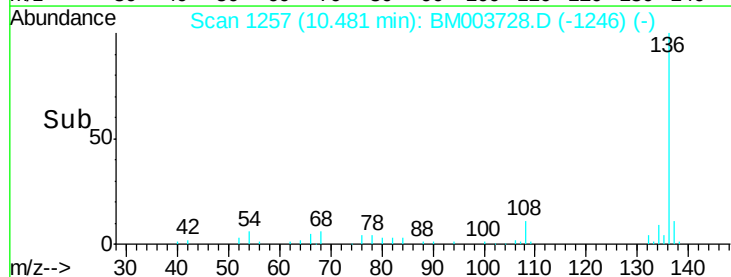
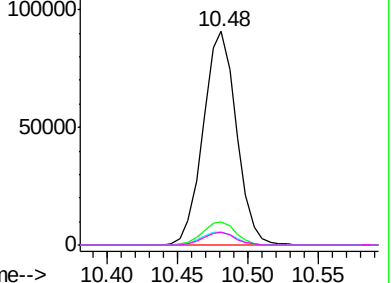


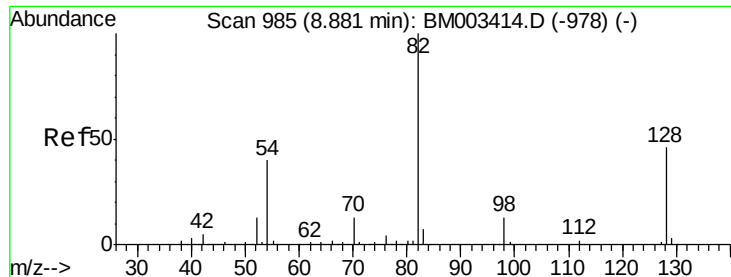
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

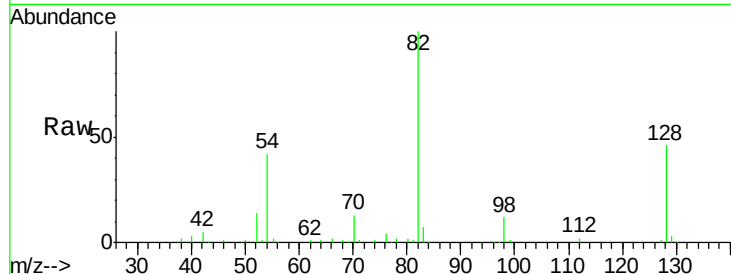




#23
 Nitrobenzene-d5
 Concen: 106.61 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-3(0-2)

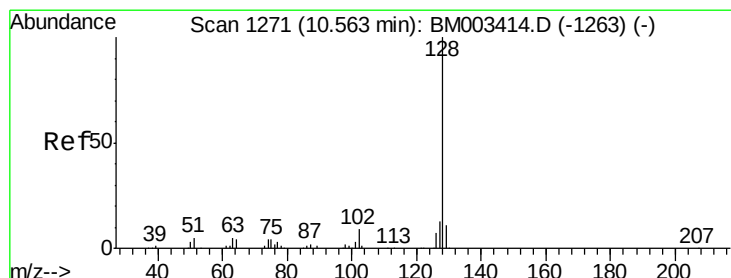
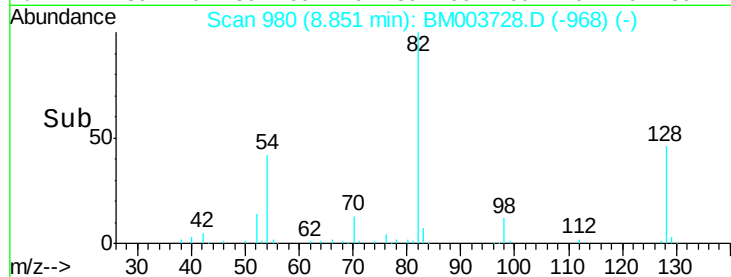
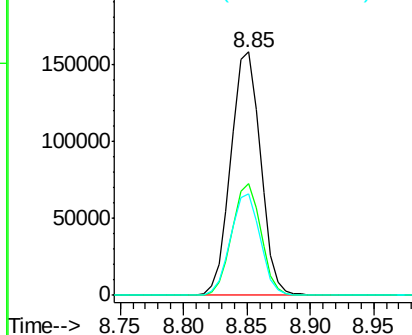
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.8	49.2
54	41.6	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-978) (-)

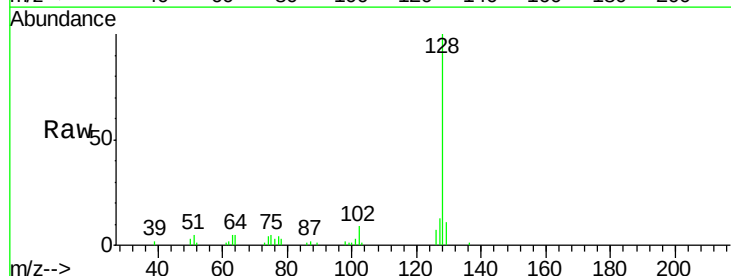
Ion 128.00 (127.70 to 128.70): BM003414.D (-978) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-978) (-)



#31
 Naphthalene
 Concen: 11.81 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

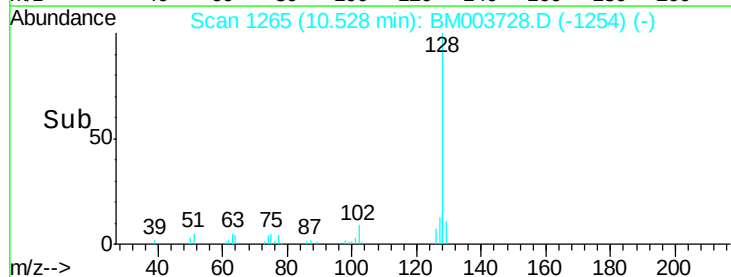
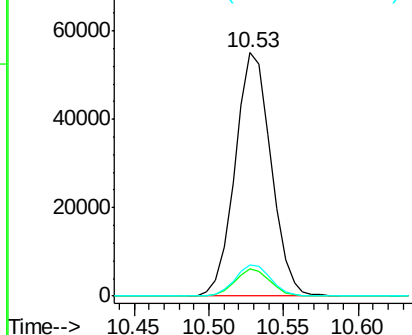
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

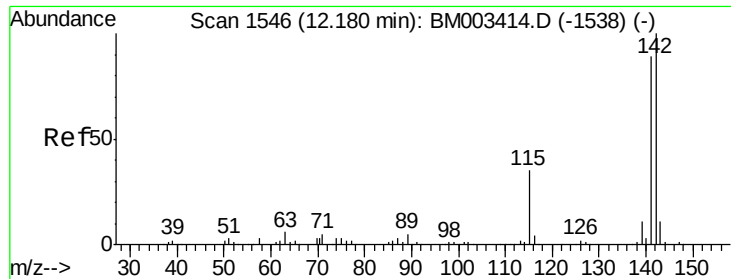


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-1263) (-)

Ion 129.00 (128.70 to 129.70): BM003414.D (-1263) (-)

Ion 127.00 (126.70 to 127.70): BM003414.D (-1263) (-)

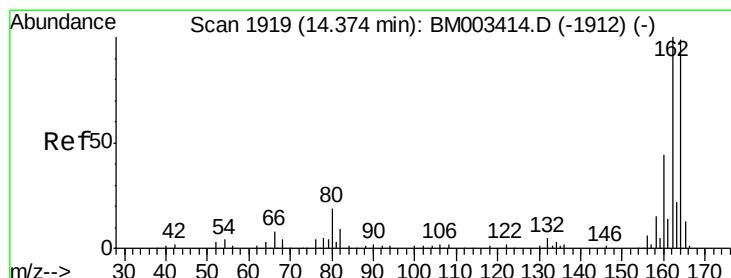
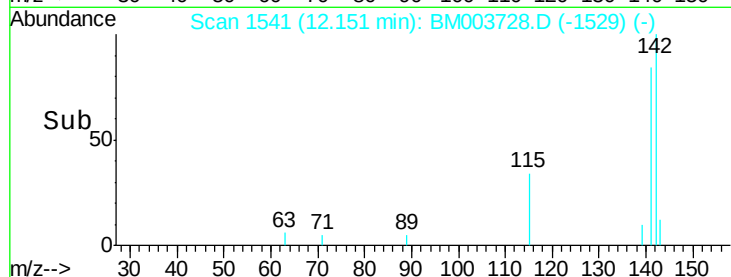
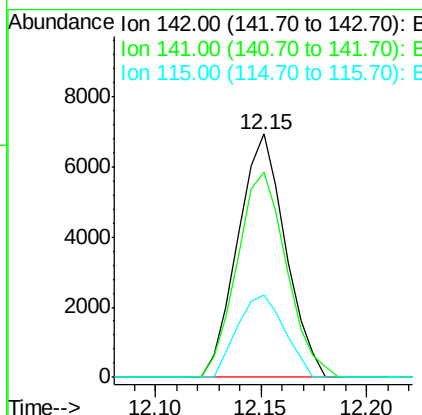
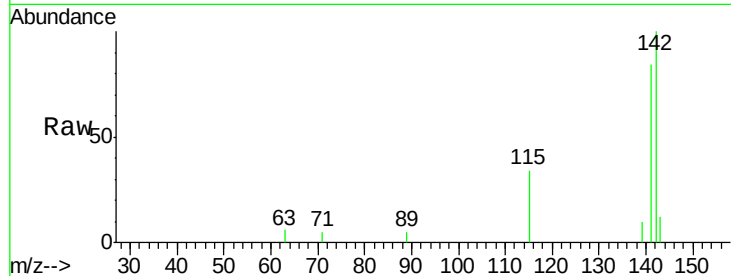




#37
 2-Methylnaphthalene
 Concen: 2.03 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

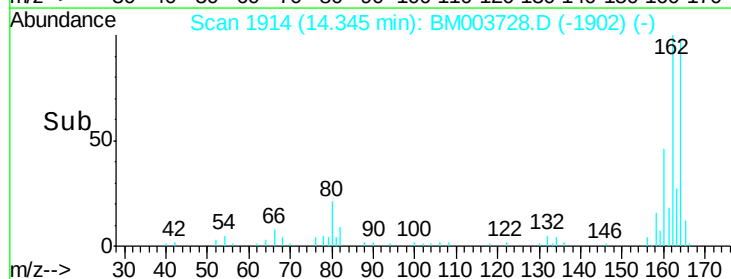
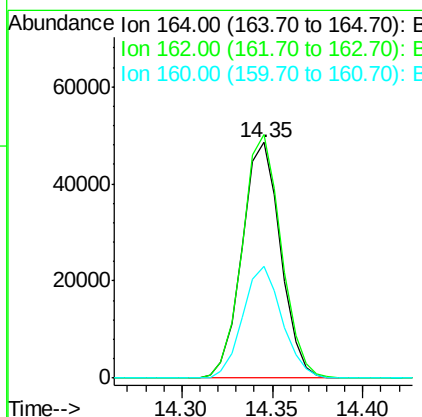
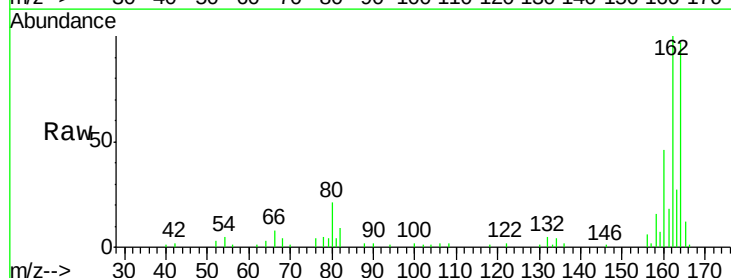
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-3(0-2)

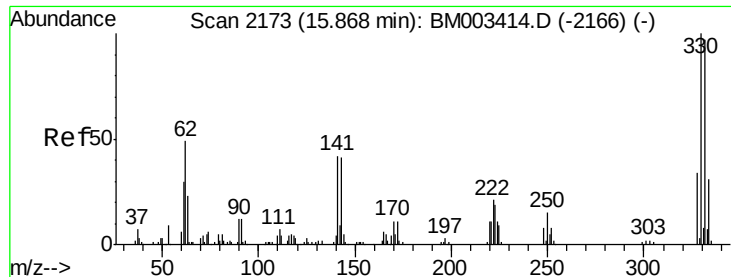
Tot Ion:142 Resp: 10858
 Ion Ratio Lower Upper
 142 100
 141 84.5 71.9 107.9
 115 33.7 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

Tgt Ion:164 Resp: 71685
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.4 123.6
 160 47.2 35.8 53.6

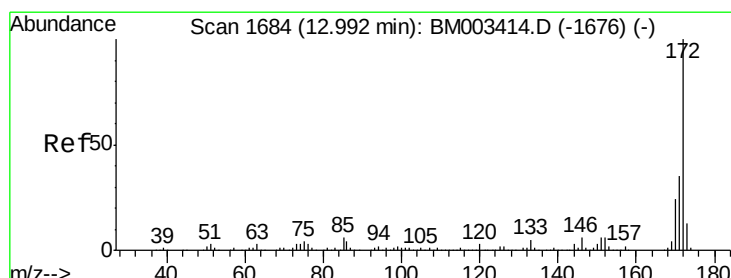
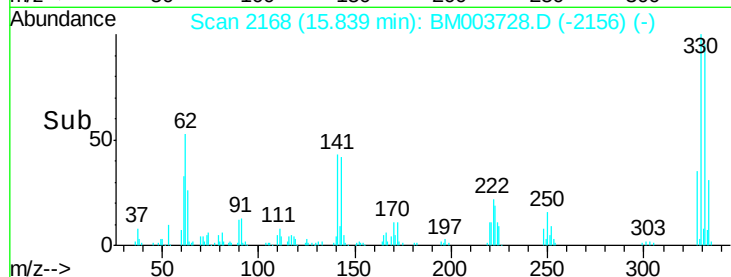
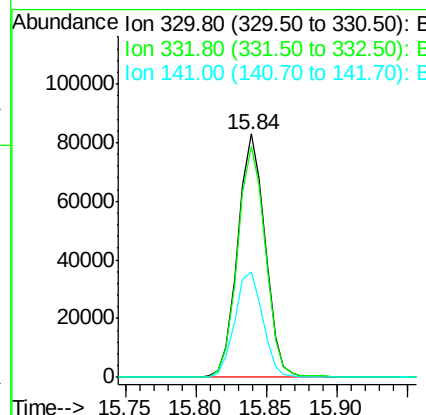
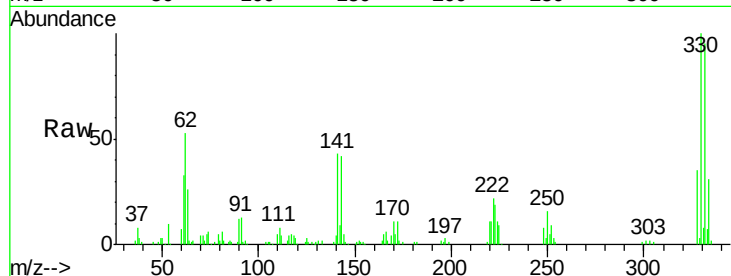




#41
 2,4,6-Tribromophenol
 Concen: 157.60 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

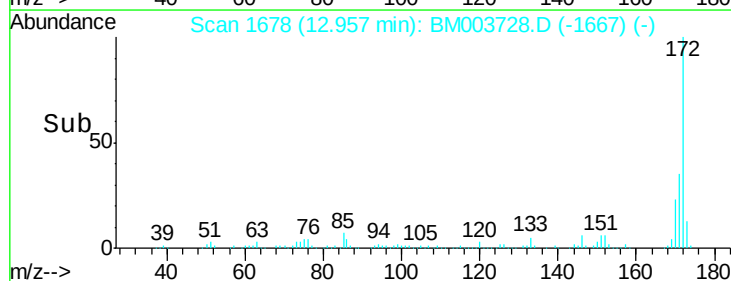
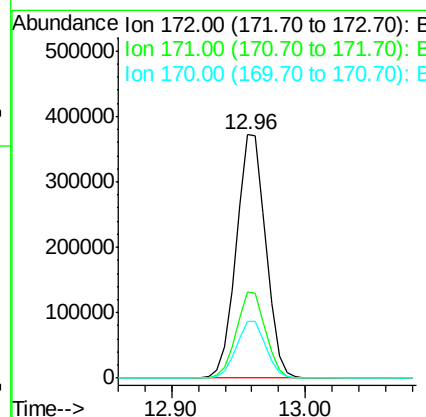
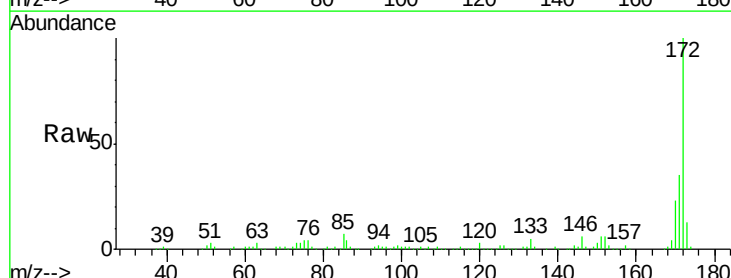
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-3(0-2)

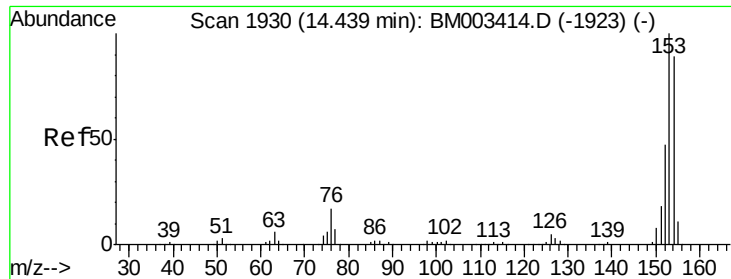
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	44.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 108.36 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.4	18.8	28.2





#51

Acenaphthene

Concen: 3.40 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-3(0-2)

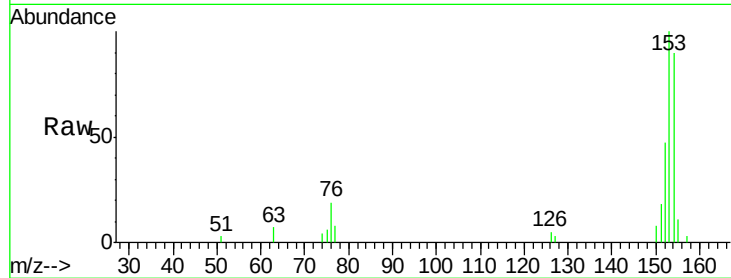
Tot Ion:154 Resp: 15320

Ion Ratio Lower Upper

154 100

153 111.5 90.0 135.0

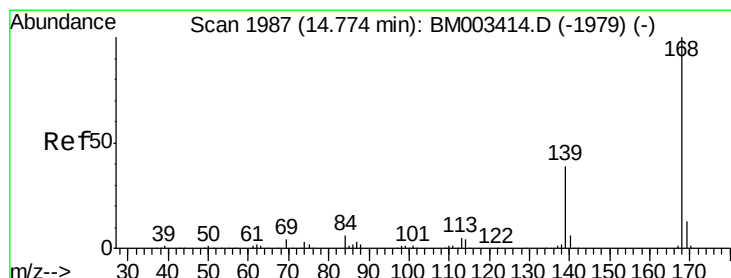
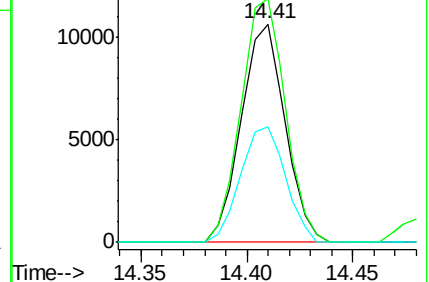
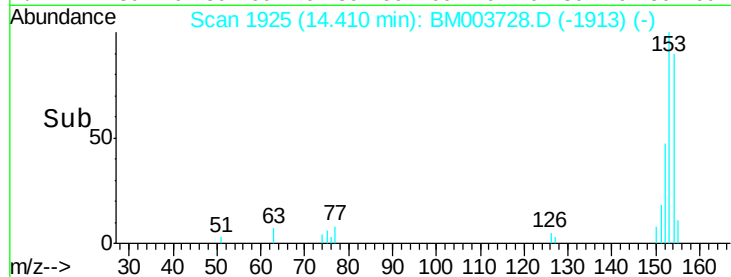
152 52.7 42.6 63.8



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: 2.09 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

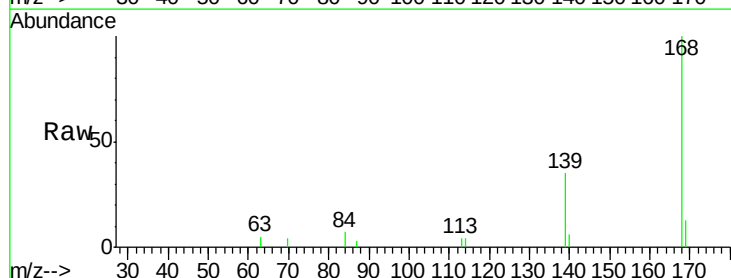
Tgt Ion:168 Resp: 13610

Ion Ratio Lower Upper

168 100

139 35.1 27.3 40.9

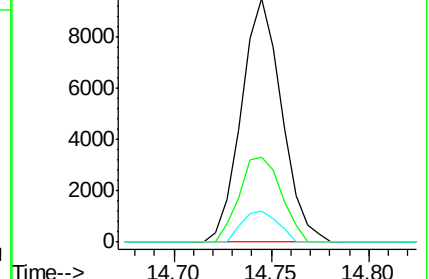
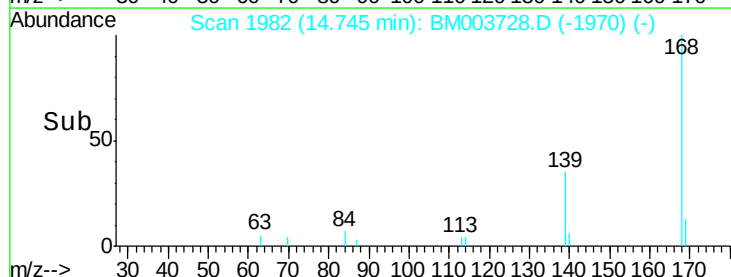
169 12.8 10.6 16.0

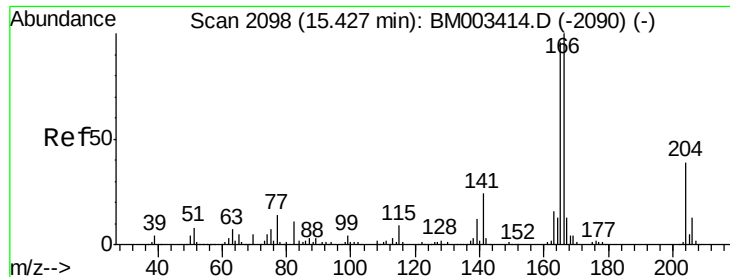


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

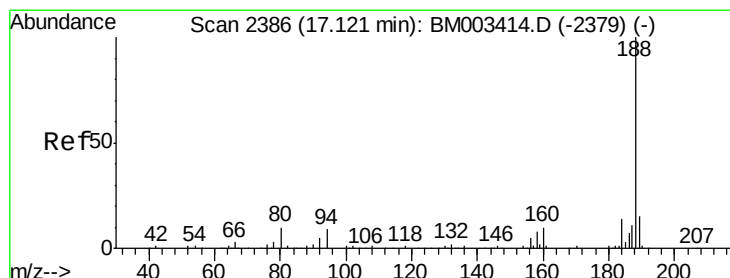
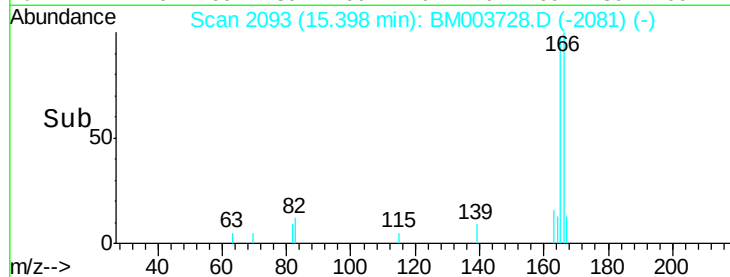
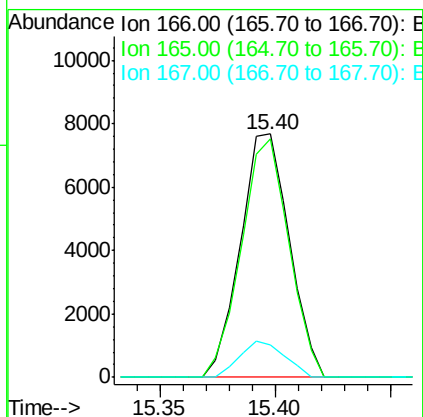
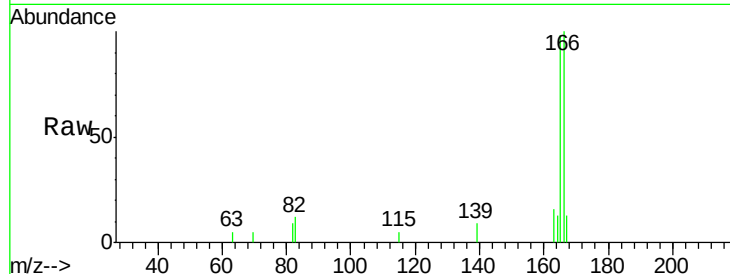




#57
Fluorene
 Concen: 2.10 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

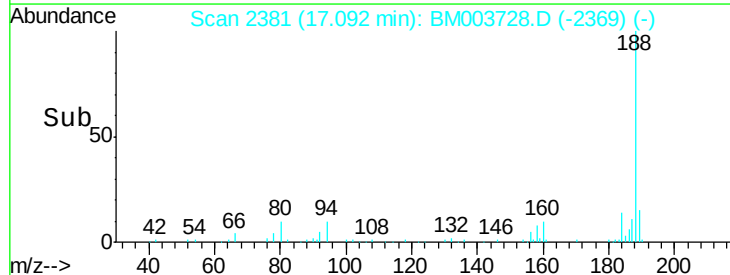
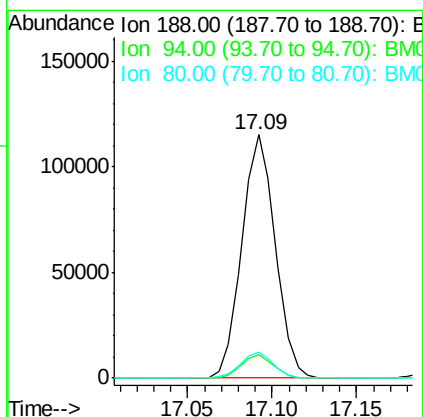
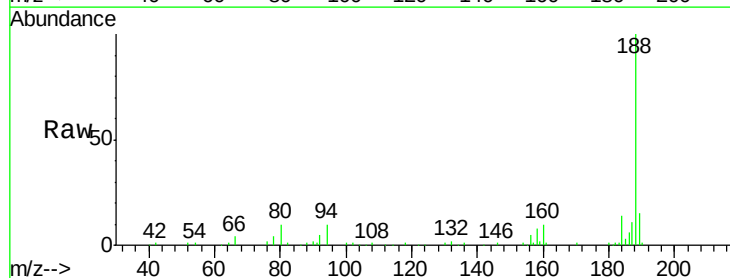
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-3(0-2)

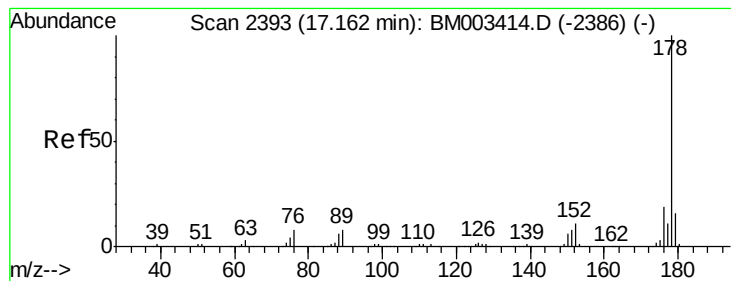
Tot Ion:166 Resp: 11343
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.0 118.4
 167 13.2 10.3 15.5



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2381
 Delta R.T. -0.03 min
 Lab File: BM003728.D
 Acq: 23 Dec 2015 03:19

Tgt Ion:188 Resp: 158435
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.7 13.1
 80 10.4 9.3 13.9





#70

Phenanthrene

Concen: 4.08 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-3(0-2)

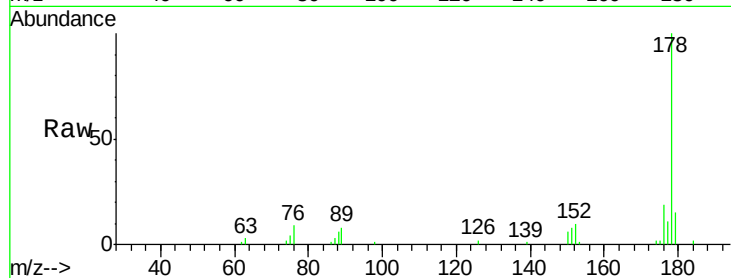
Tot Ion:178 Resp: 36239

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

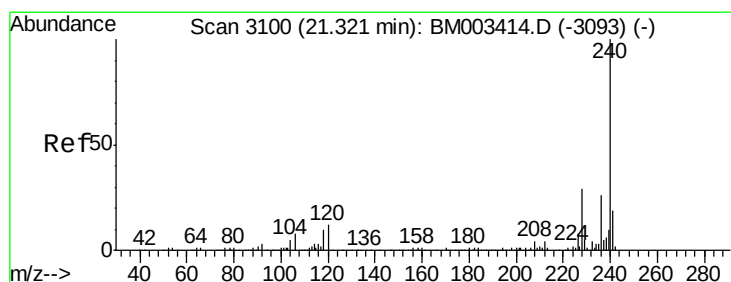
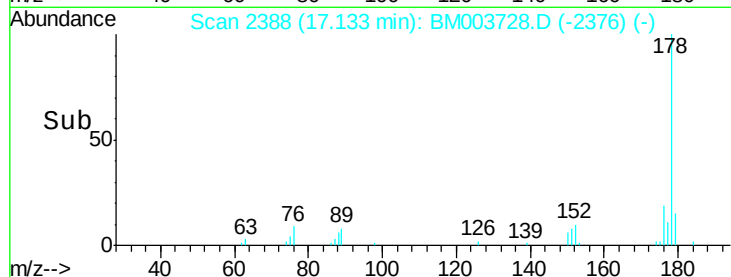
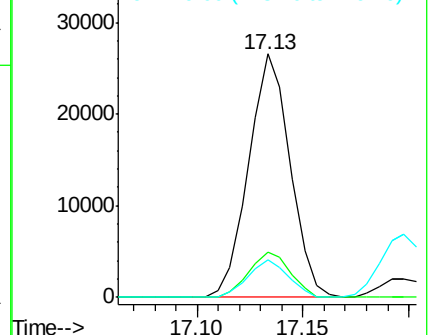
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

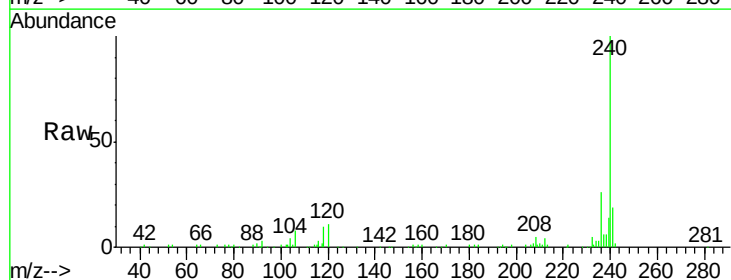
Tgt Ion:240 Resp: 172546

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

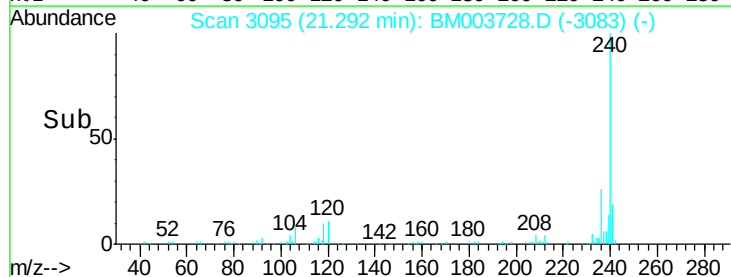
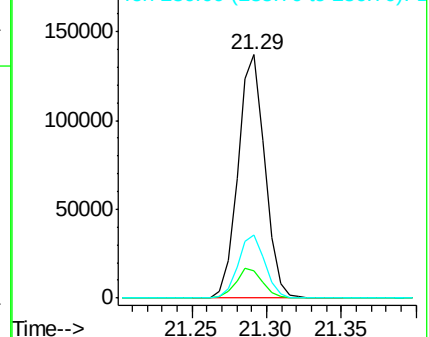
236 25.9 20.0 30.0

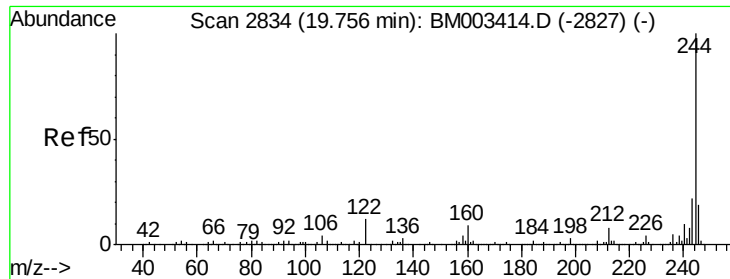


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.02 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-3(0-2)

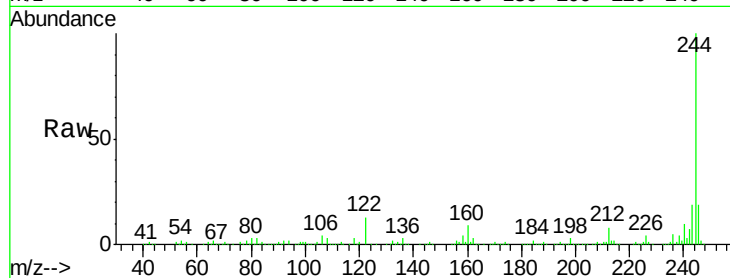
Tot Ion:244 Resp: 687874

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

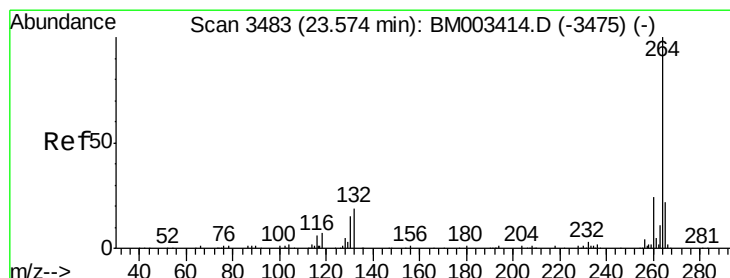
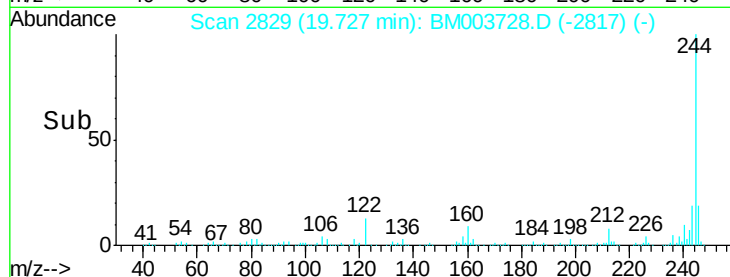
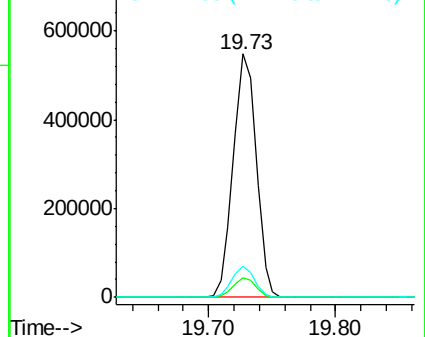
122 12.7 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM003728.D

Acq: 23 Dec 2015 03:19

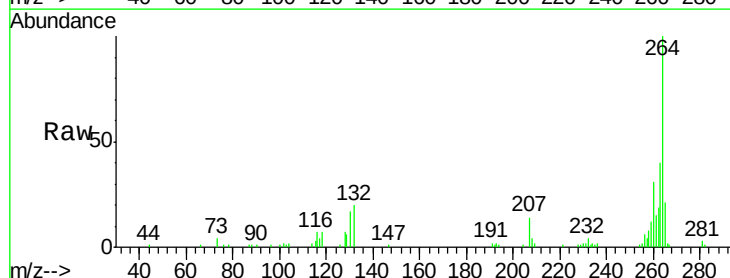
Tgt Ion:264 Resp: 78989

Ion Ratio Lower Upper

264 100

260 31.1 18.6 27.8#

265 20.9 17.3 25.9



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

