

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003726.D
 Acq On : 23 Dec 2015 02:07
 Operator : UM/SJ
 Sample : G4912-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1(0-2)

Quant Time: Dec 23 02:55:55 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

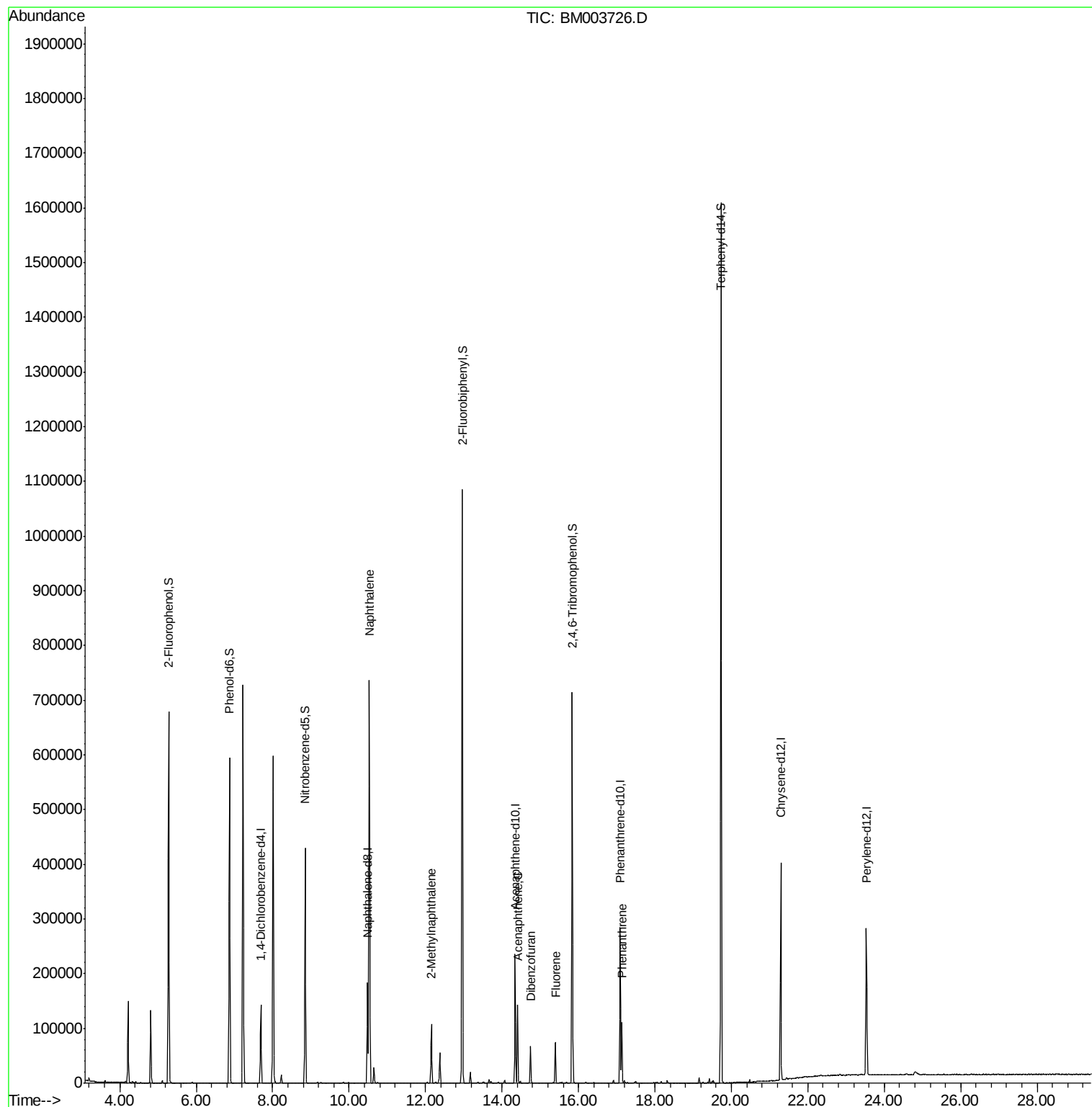
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39772	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	157251	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	77681	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	165317	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	185184	20.00	ng	-0.03
86) Perylene-d12	23.53	264	179099	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	304089	135.93	ng	-0.02
7) Phenol-d6	6.87	99	355801	114.54	ng	-0.02
23) Nitrobenzene-d5	8.85	82	252416	99.53	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	113044	145.71	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	567770	99.58	ng	-0.03
78) Terphenyl-d14	19.73	244	684282	87.14	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	629876	76.55	ng	100
37) 2-Methylnaphthalene	12.15	142	54008	9.57	ng	98
51) Acenaphthene	14.41	154	52754	10.79	ng	99
54) Dibenzofuran	14.75	168	46674	6.61	ng	93
57) Fluorene	15.39	166	35876	6.13	ng	99
70) Phenanthrene	17.13	178	67990	7.33	ng	99

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

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STOCKPILE-1(0-2)

Quant Time: Dec 23 02:55:55 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



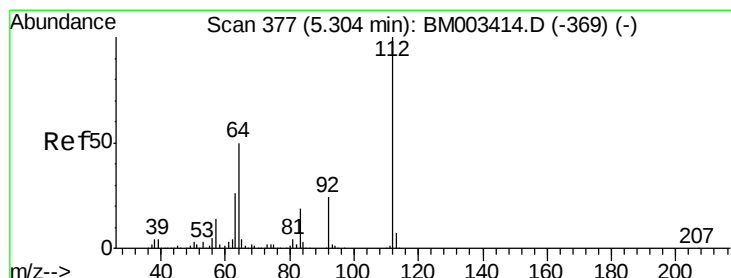
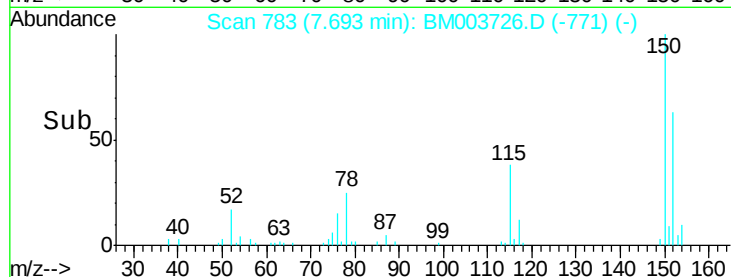
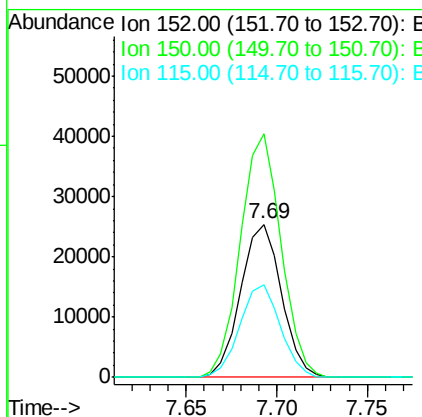
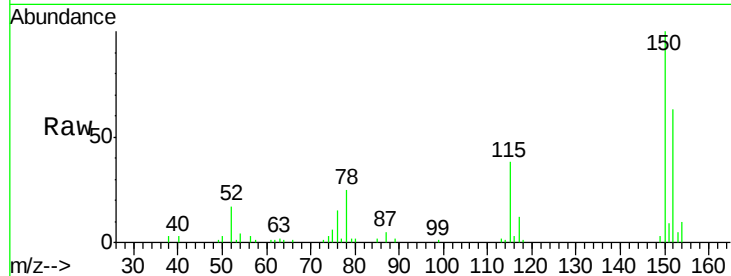


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003726.D
Acq: 23 Dec 2015 02:07

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-1(0-2)

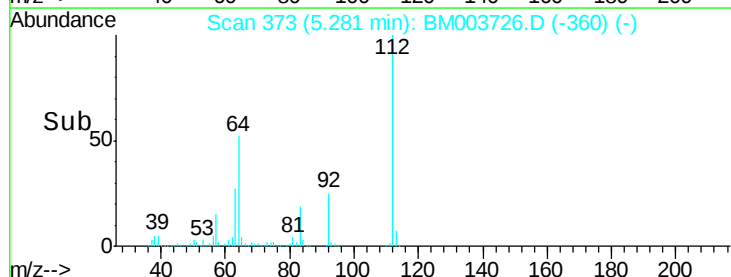
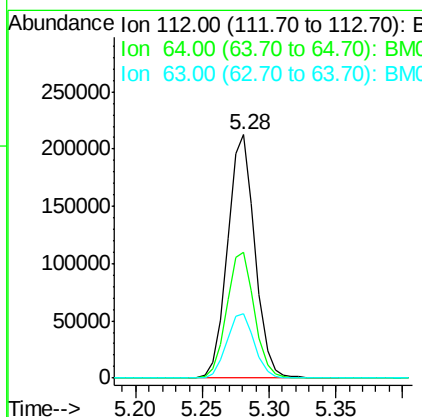
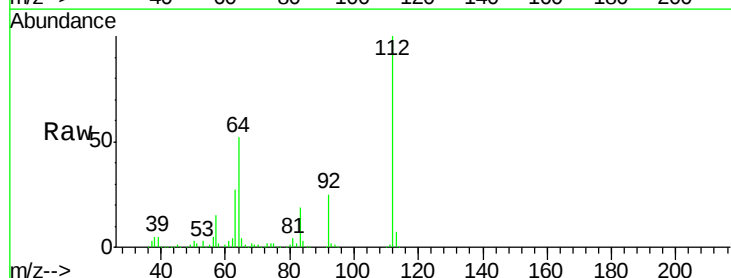
Tot Ion:152 Resp: 39772
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 60.3 43.0 64.4

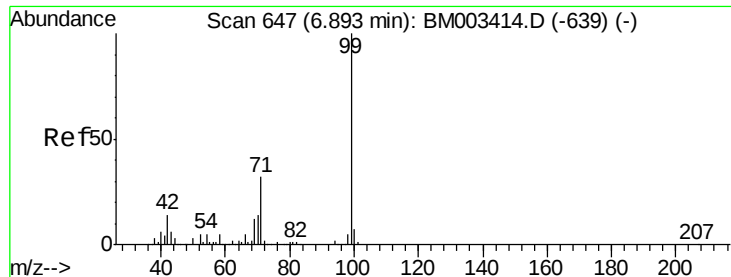


#5

2-Fluorophenol
Concen: 135.93 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003726.D
Acq: 23 Dec 2015 02:07

Tgt Ion:112 Resp: 304089
Ion Ratio Lower Upper
112 100
64 51.8 38.6 57.8
63 26.5 19.3 28.9





#7

Phenol-d6

Concen: 114.54 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-1(0-2)

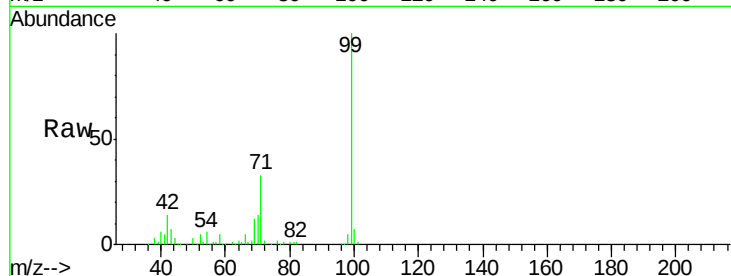
Tot Ion: 99 Resp: 355801

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 33.2 23.4 35.2

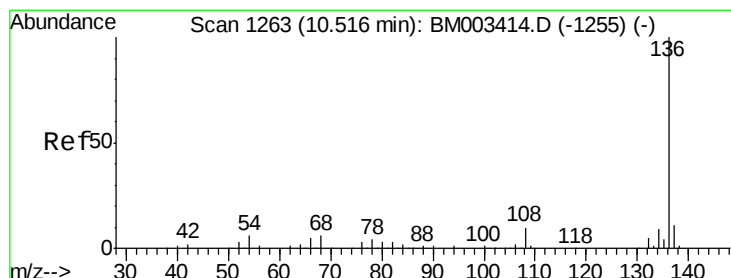
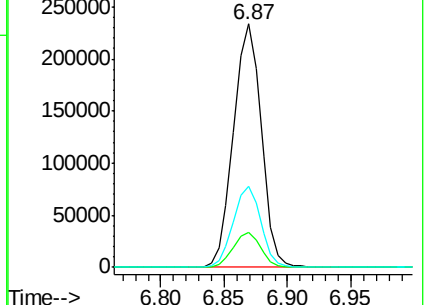
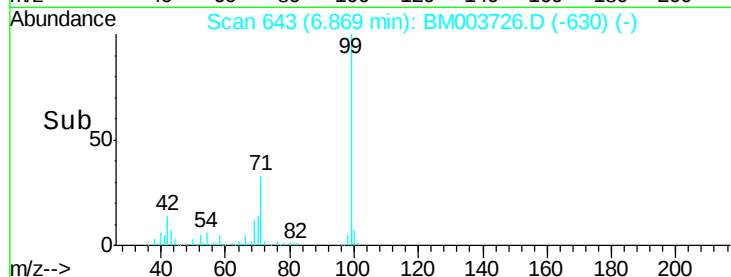


Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

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

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

6.87



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

Tgt Ion: 136 Resp: 157251

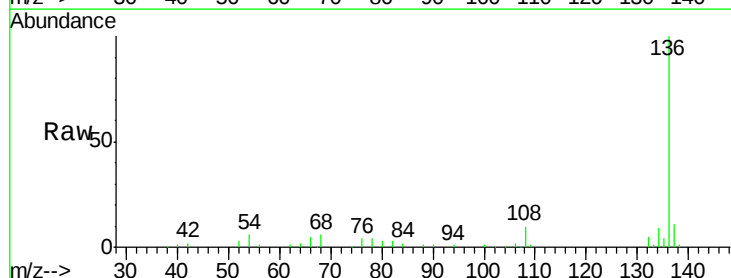
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.2 4.6 6.8

68 5.8 3.7 5.5#



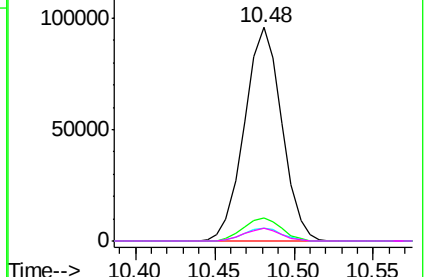
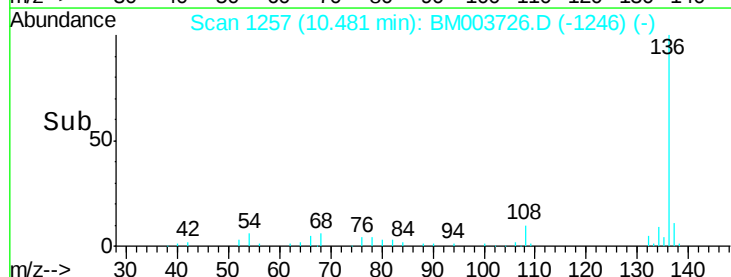
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

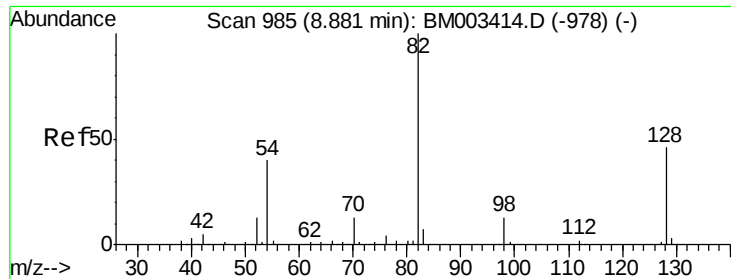
Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

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

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

10.48

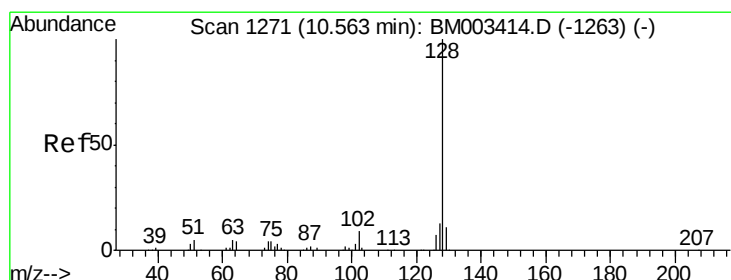
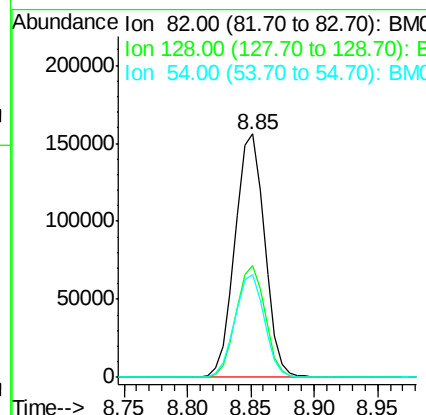
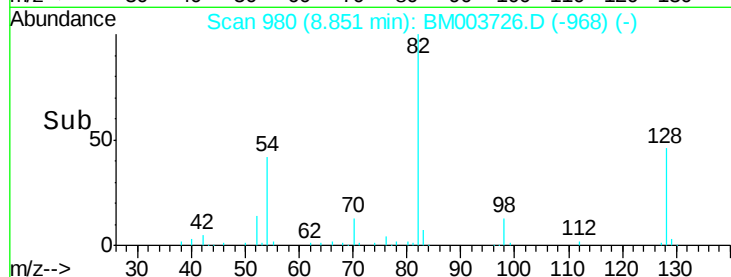
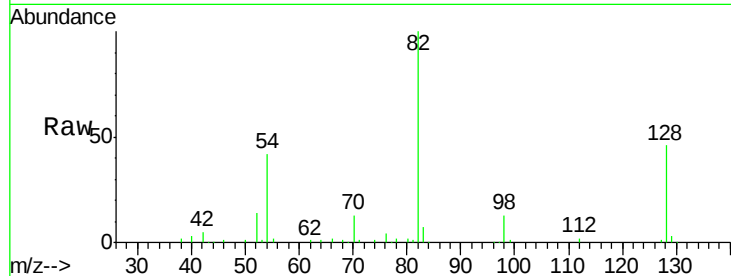




#23
 Nitrobenzene-d5
 Concen: 99.53 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

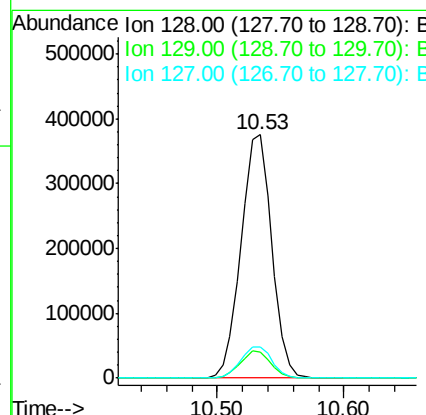
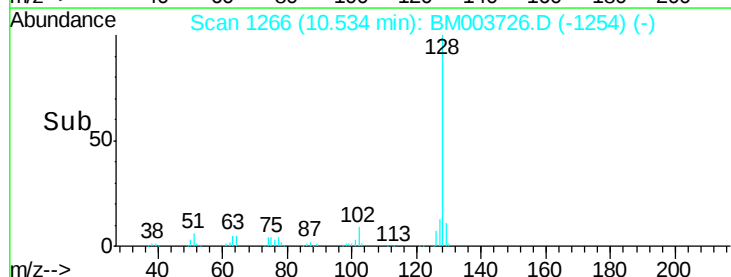
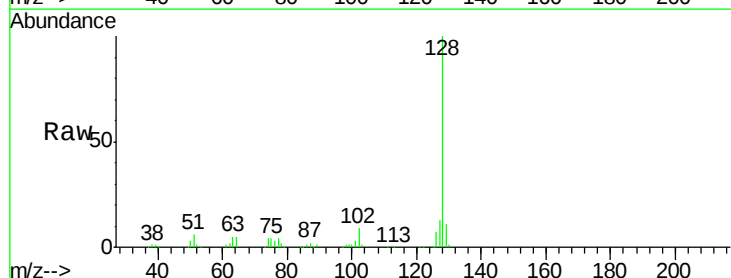
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1(0-2)

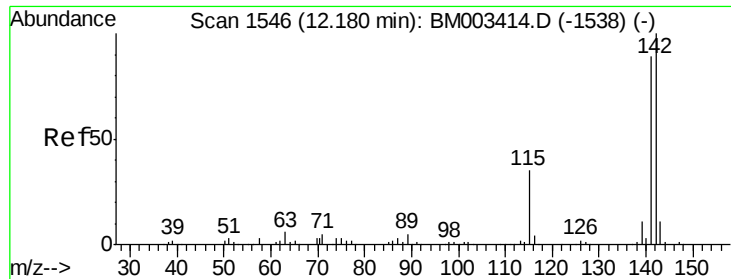
Tot Ion	82	Resp	252416
Ion Ratio	100	Lower	Upper
128	45.9	32.8	49.2
54	42.0	40.6	60.8



#31
 Naphthalene
 Concen: 76.55 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.03 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

Tgt Ion	128	Resp	629876
Ion Ratio	100	Lower	Upper
129	10.9	8.9	13.3
127	13.0	10.4	15.6

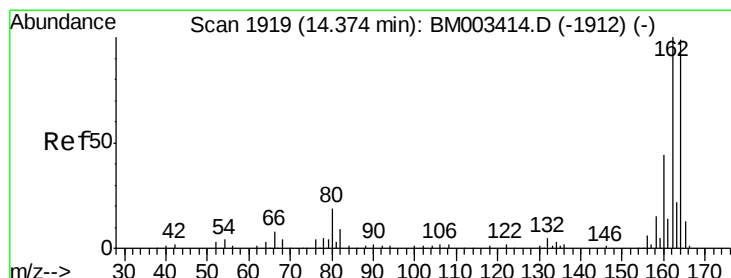
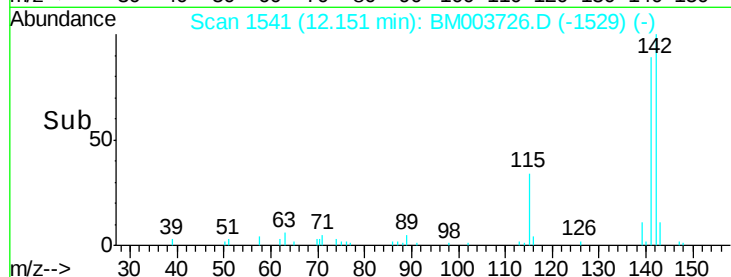
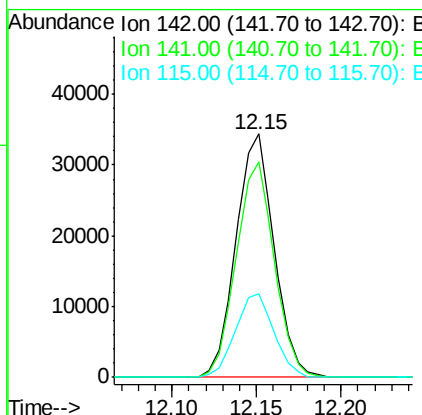
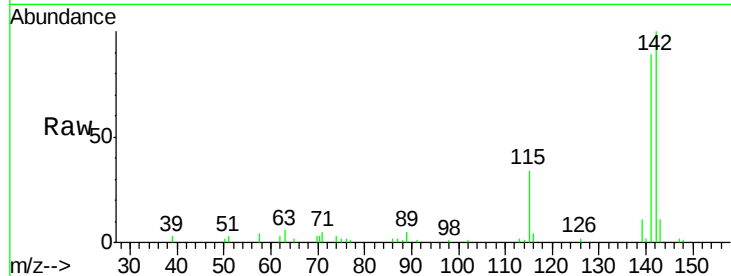




#37
2-Methylnaphthalene
Concen: 9.57 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003726.D
Acq: 23 Dec 2015 02:07

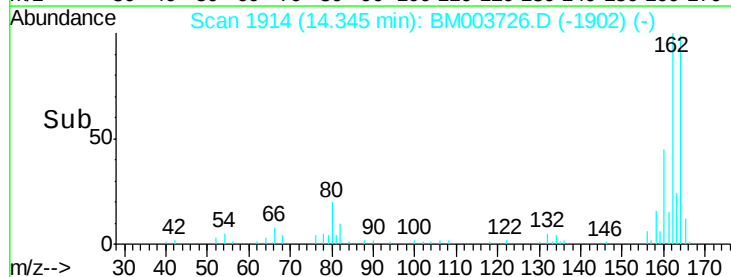
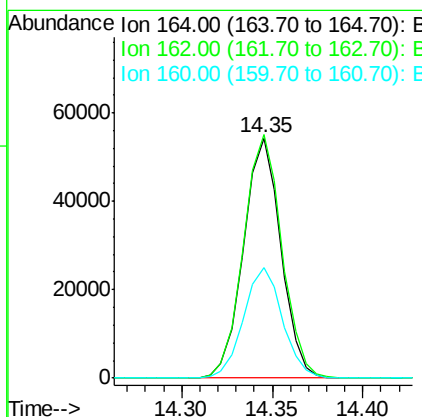
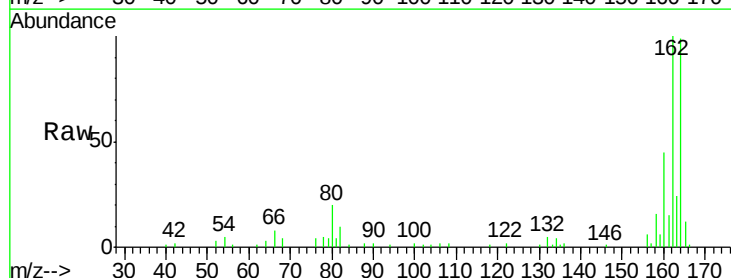
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-1(0-2)

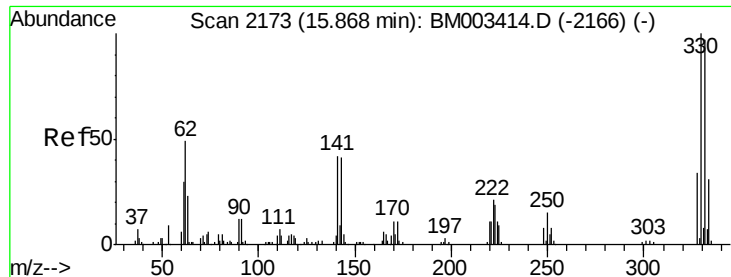
Tot Ion:142 Resp: 54008
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9
115 34.3 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003726.D
Acq: 23 Dec 2015 02:07

Tgt Ion:164 Resp: 77681
Ion Ratio Lower Upper
164 100
162 101.5 82.4 123.6
160 46.0 35.8 53.6

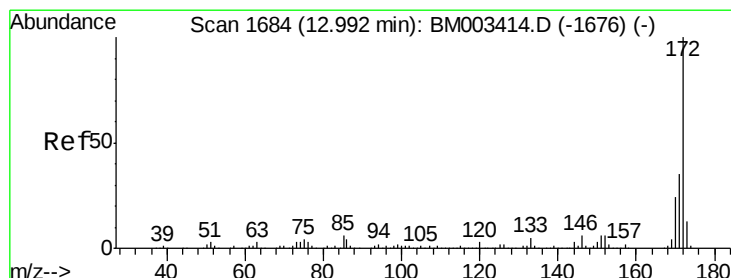
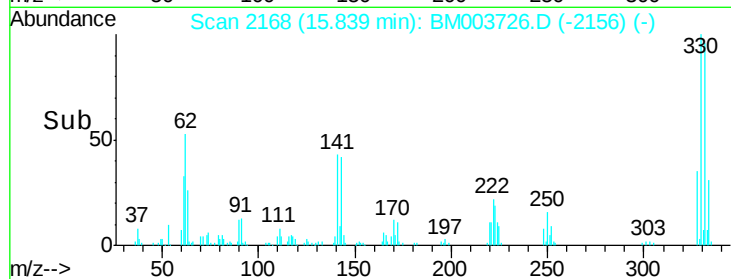
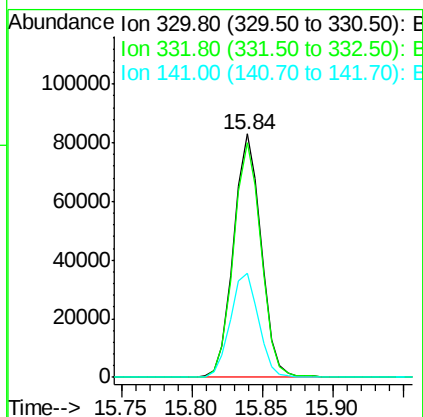
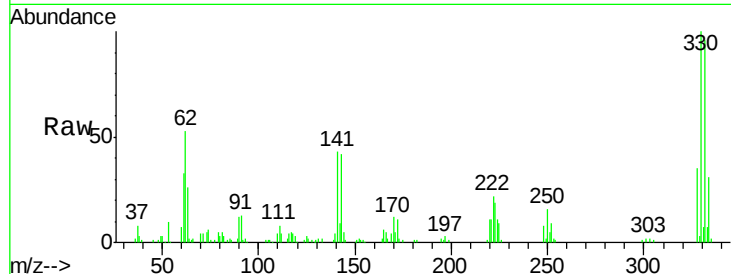




#41
 2,4,6-Tribromophenol
 Concen: 145.71 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

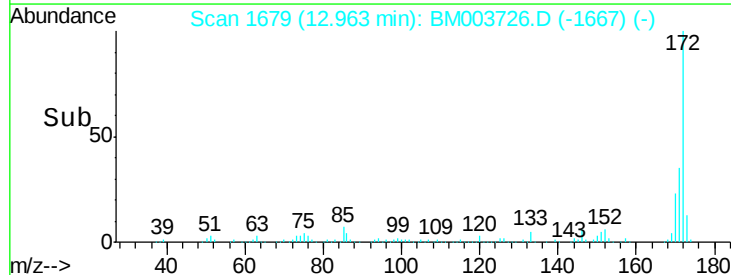
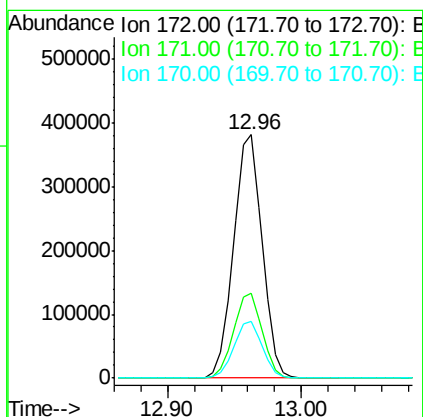
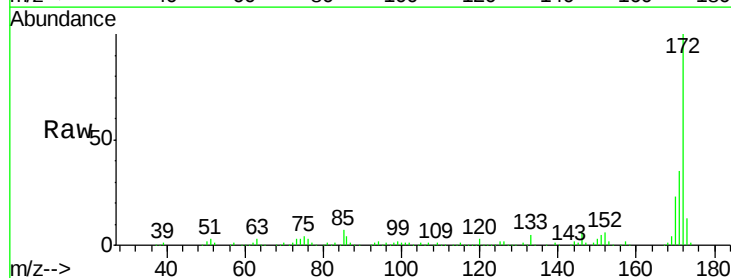
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1(0-2)

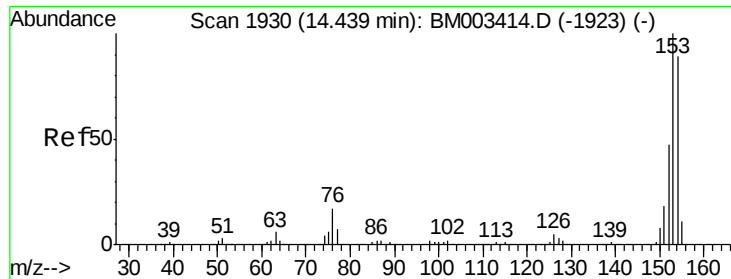
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	43.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 99.58 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	18.8	28.2





#51

Acenaphthene

Concen: 10.79 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-1(0-2)

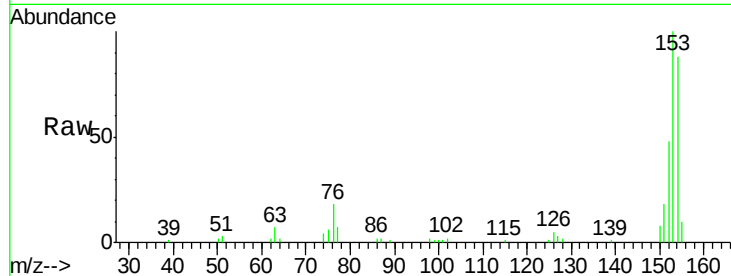
Tot Ion:154 Resp: 52754

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

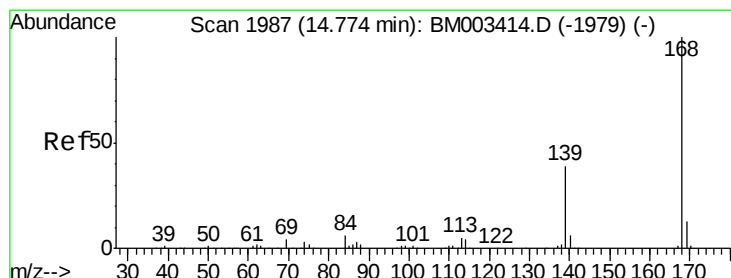
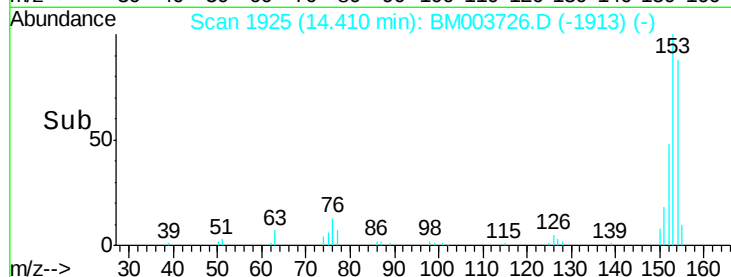
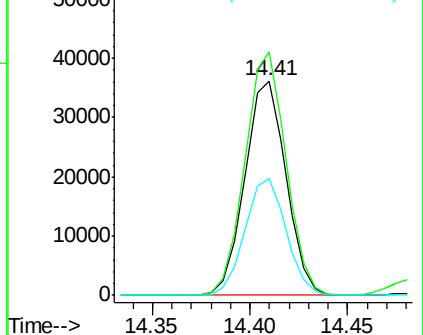
152 54.5 42.6 63.8



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: 6.61 ng

RT: 14.75 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

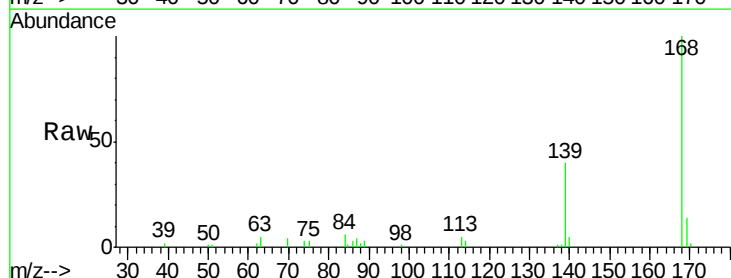
Tgt Ion:168 Resp: 46674

Ion Ratio Lower Upper

168 100

139 39.8 27.3 40.9

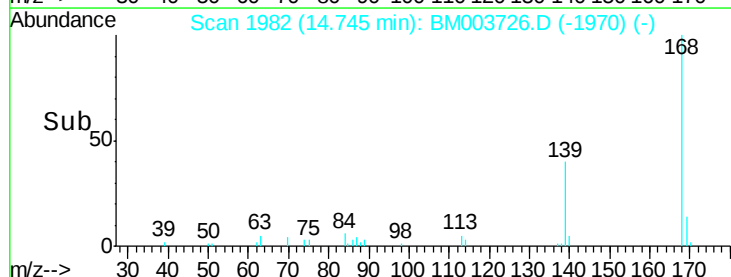
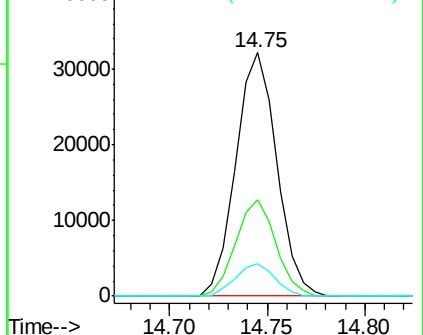
169 13.5 10.6 16.0

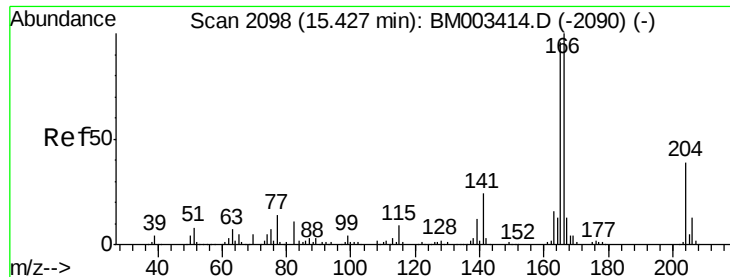


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

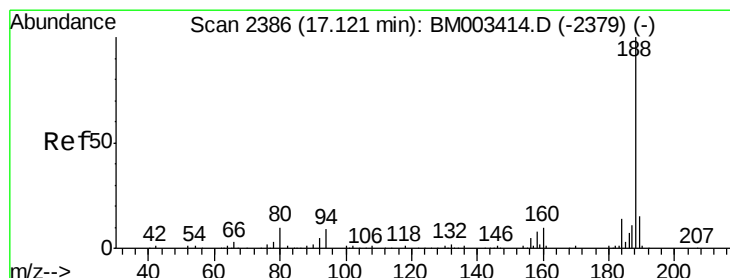
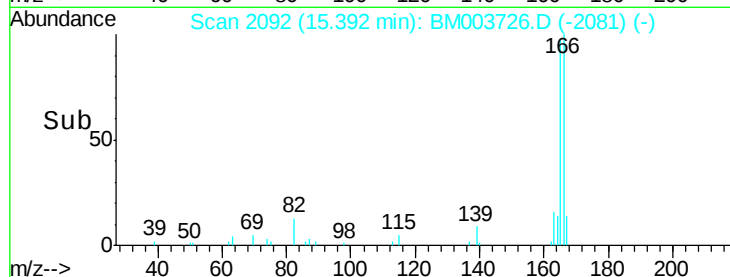
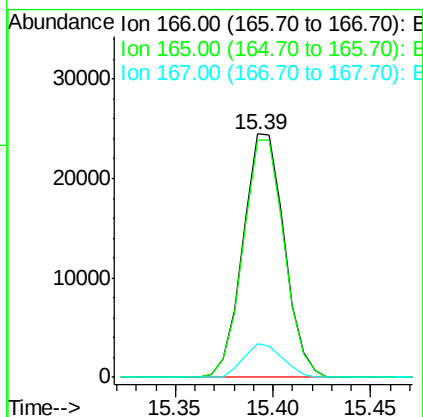
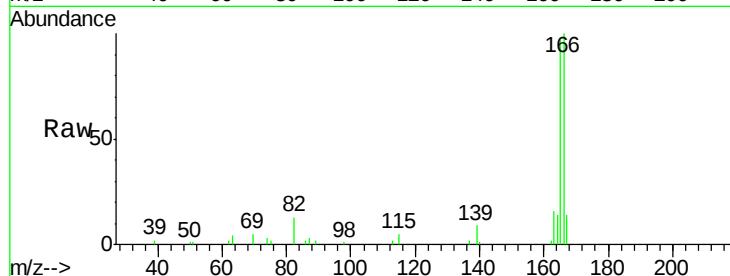




#57
Fluorene
 Concen: 6.13 ng
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.04 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

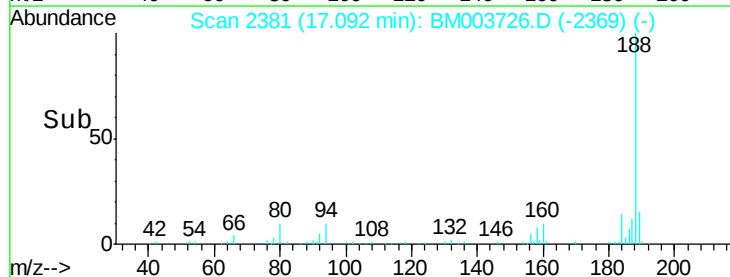
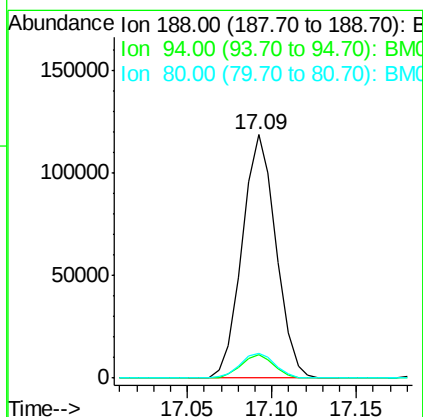
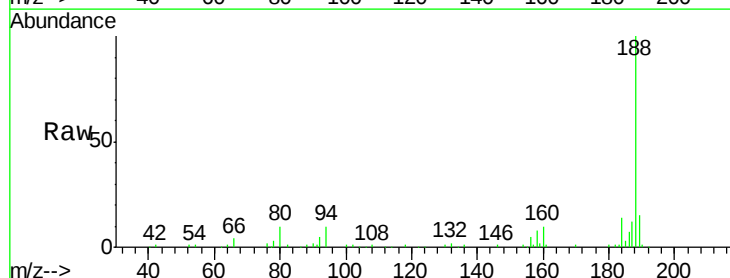
Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-1(0-2)

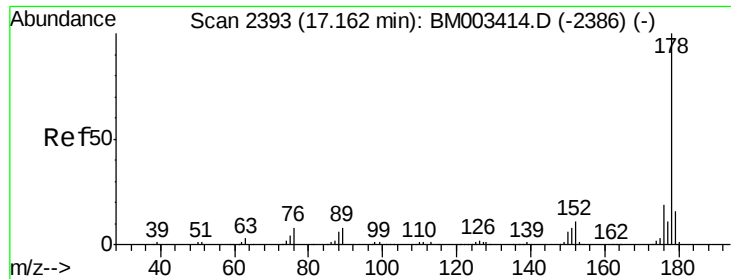
Tot Ion:166 Resp: 35876
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.0 118.4
 167 14.0 10.3 15.5



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2381
 Delta R.T. -0.03 min
 Lab File: BM003726.D
 Acq: 23 Dec 2015 02:07

Tgt Ion:188 Resp: 165317
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.7 13.1
 80 10.2 9.3 13.9





#70

Phenanthrene

Concen: 7.33 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-1(0-2)

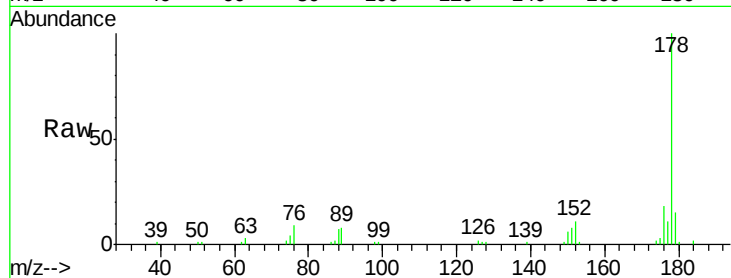
Tot Ion:178 Resp: 67990

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

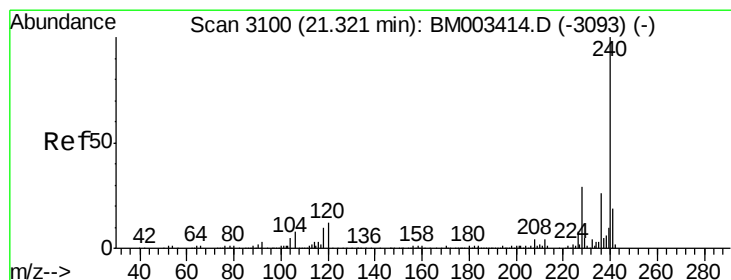
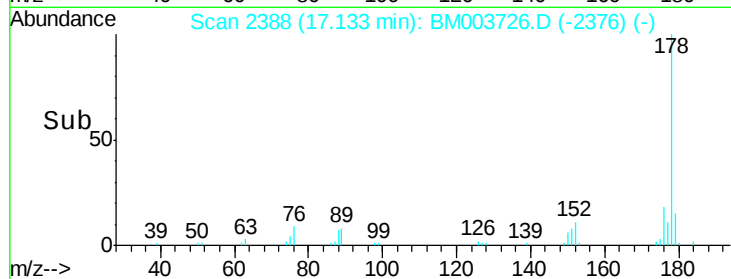
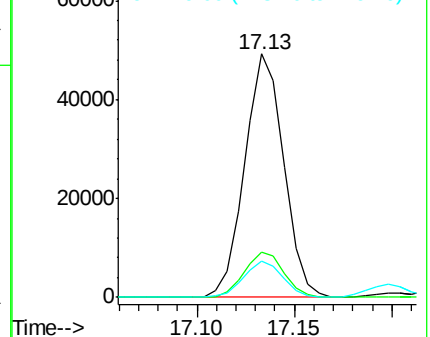
179 14.9 12.1 18.1



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: BM003726.D

Acq: 23 Dec 2015 02:07

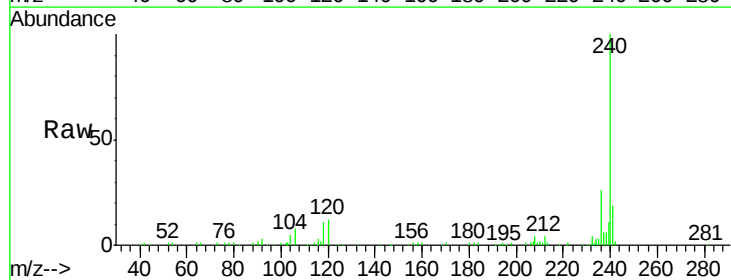
Tgt Ion:240 Resp: 185184

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

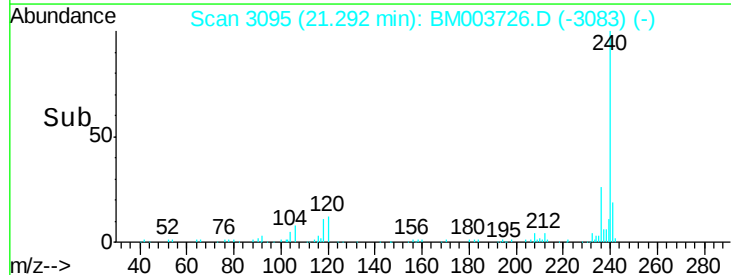
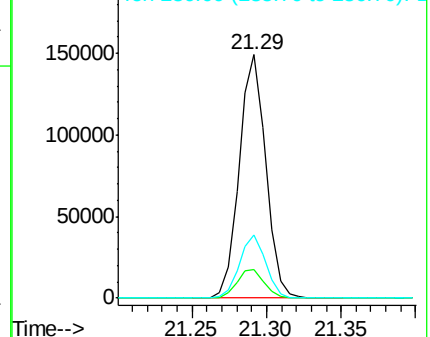
236 26.0 20.0 30.0

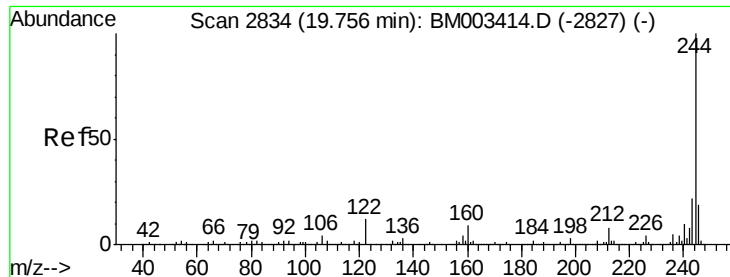


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.14 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003726.D

Acq: 23 Dec 2015 02:07

Instrument :

BNA_M

ClientSampleId :

STOCKPILE-1(0-2)

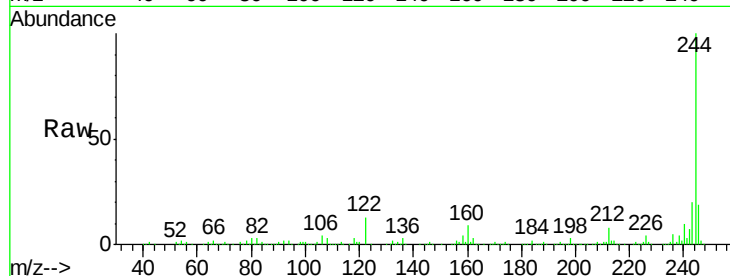
Tot Ion:244 Resp: 684282

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

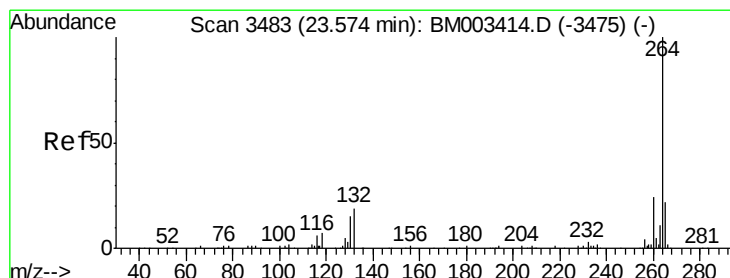
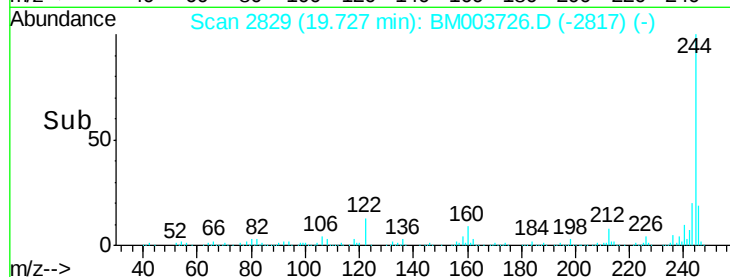
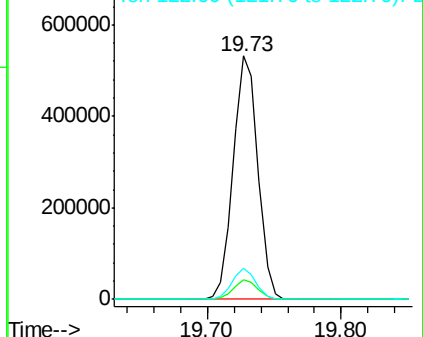
122 12.7 6.2 9.4#



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: BM003726.D

Acq: 23 Dec 2015 02:07

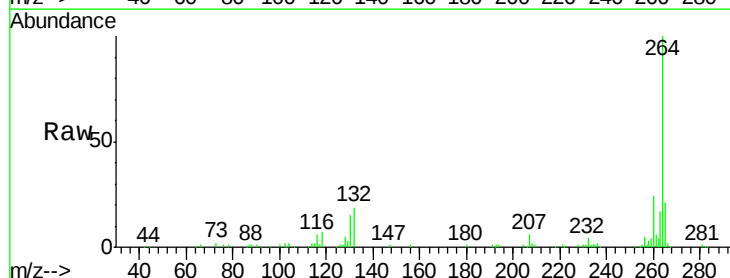
Tgt Ion:264 Resp: 179099

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.3 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

