

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121015\
 Data File : BM003478.D
 Acq On : 11 Dec 2015 06:34
 Operator : UM/IZ
 Sample : G4725-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB7(2-4)

Quant Time: Dec 11 07:46:19 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

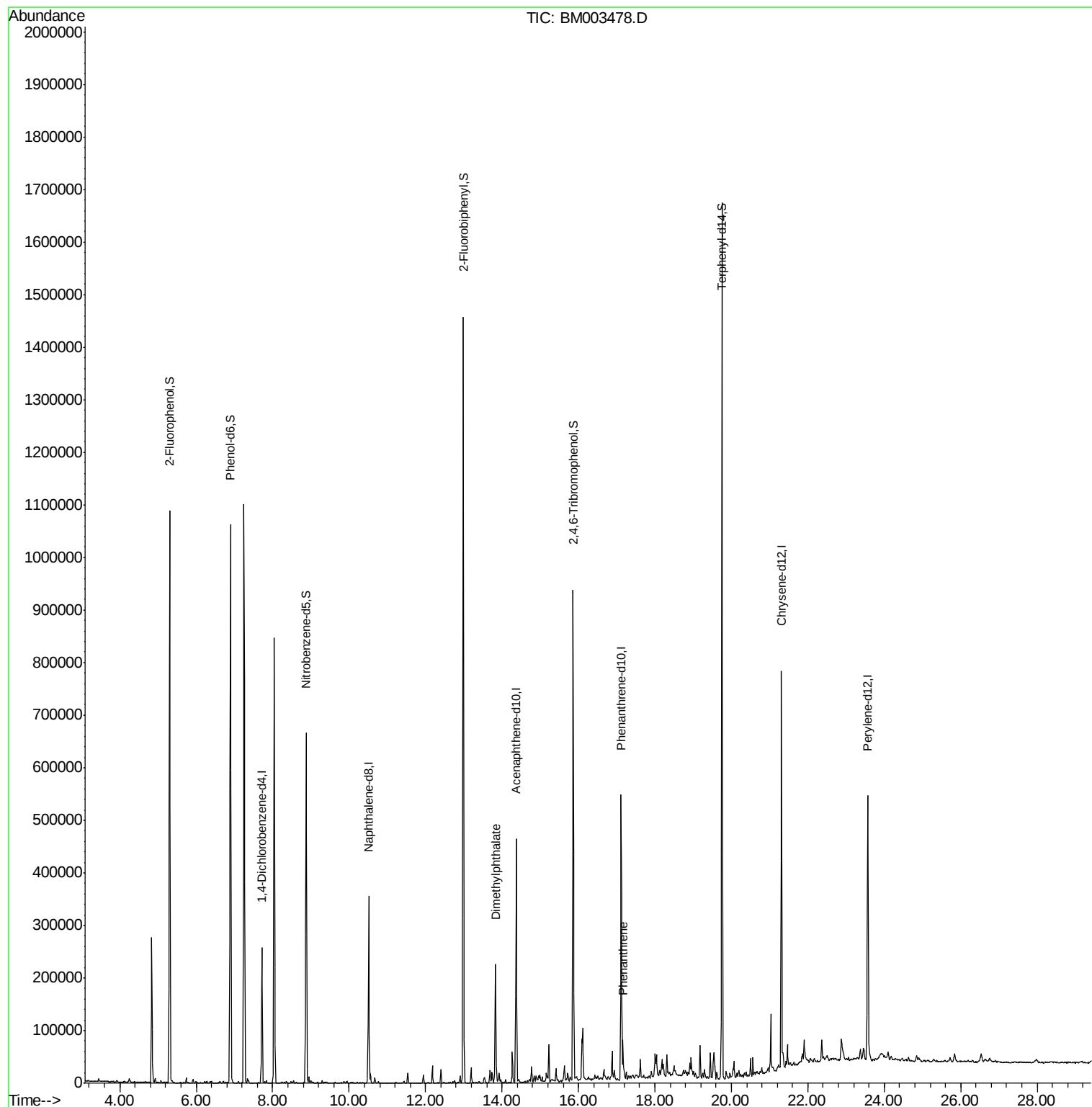
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	73239	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	305099	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	158884	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	322292	20.00	ng	0.00
75) Chrysene-d12	21.31	240	340759	20.00	ng	0.00
86) Perylene-d12	23.57	264	342103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	498158	120.93	ng	0.00
7) Phenol-d6	6.89	99	664062	116.09	ng	0.00
23) Nitrobenzene-d5	8.87	82	405036	82.31	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	154593	97.43	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	750762	64.38	ng	0.00
78) Terphenyl-d14	19.75	244	708395	49.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.83	163	148342	11.33	ng	Qvalue # 99
70) Phenanthrene	17.16	178	46526	2.57	ng	99

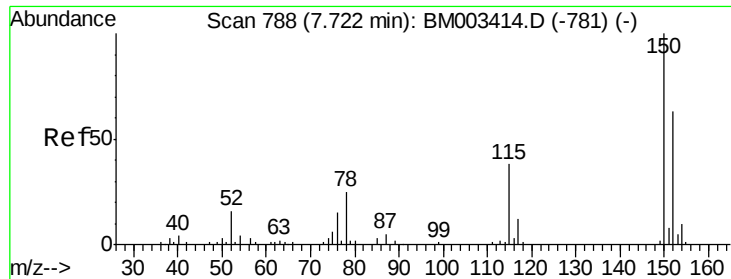
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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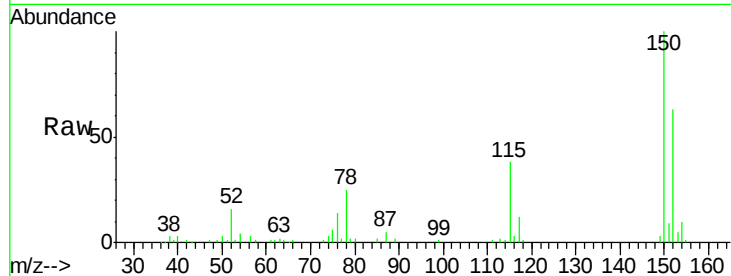


#1

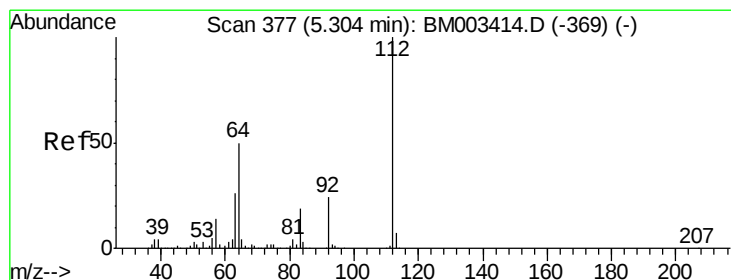
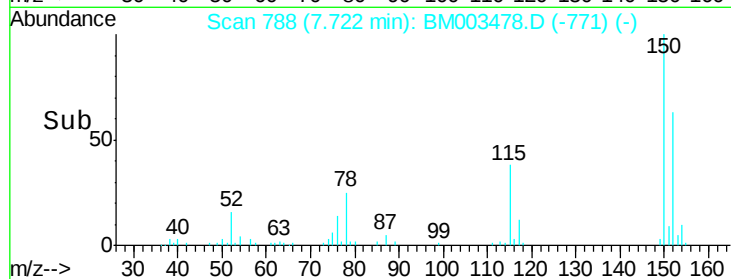
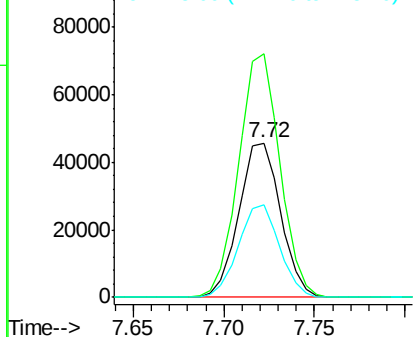
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003478.D
Acq: 11 Dec 2015 06:34

Instrument :
BNA_M
ClientSampleId :
SB7(2-4)

Tgt Ion:152 Resp: 73239
Ion Ratio Lower Upper
152 100
150 158.0 119.5 179.3
115 59.7 43.0 64.4



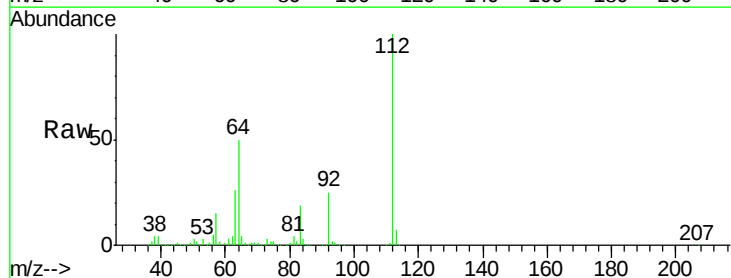
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



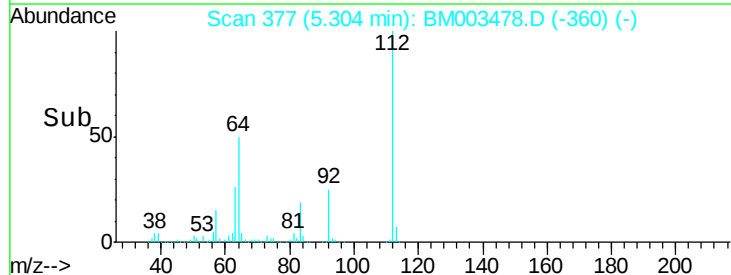
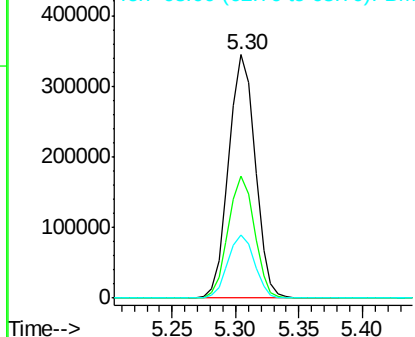
#5

2-Fluorophenol
Concen: 120.93 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003478.D
Acq: 11 Dec 2015 06:34

Tgt Ion:112 Resp: 498158
Ion Ratio Lower Upper
112 100
64 50.1 38.6 57.8
63 26.1 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: 116.09 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

Instrument :

BNA_M

ClientSampled :

SB7(2-4)

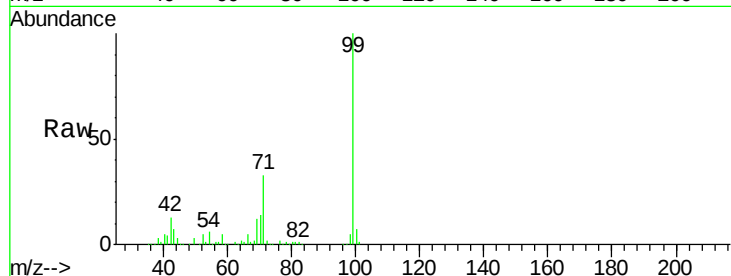
Tgt Ion: 99 Resp: 664062

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

71 33.4 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) (-)

6.89

400000

300000

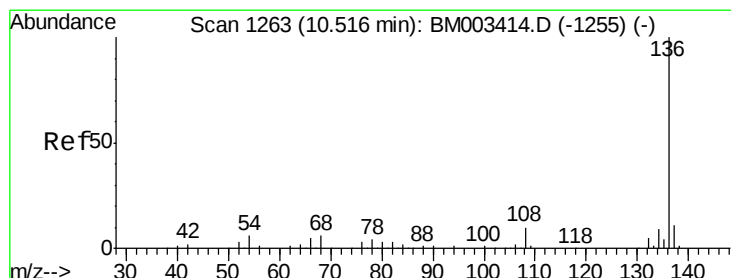
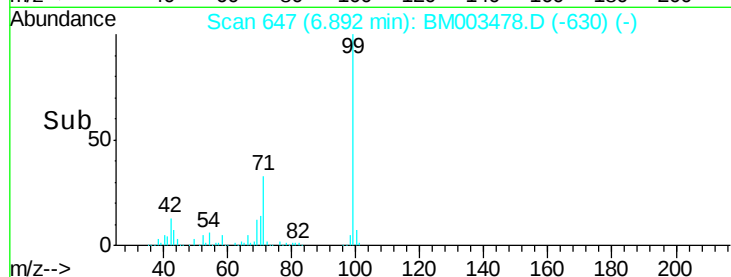
200000

100000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

Tgt Ion: 136 Resp: 305099

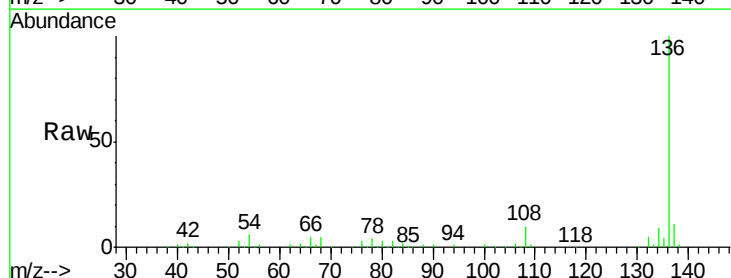
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.0 4.6 6.8

68 5.3 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) (-)

10.51

250000

200000

150000

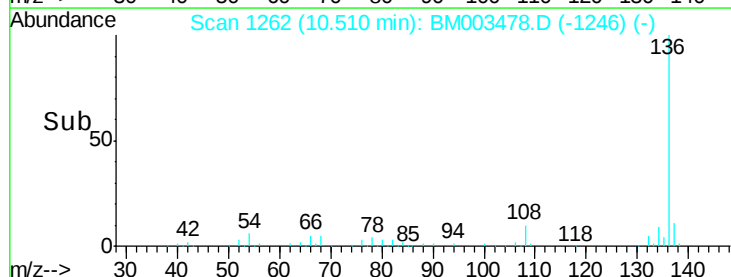
100000

50000

0

10.45 10.50 10.55 10.60

Time-->

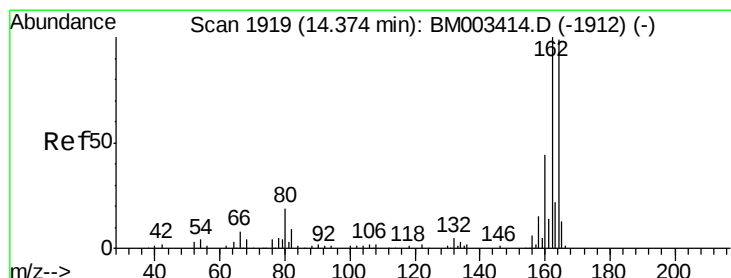
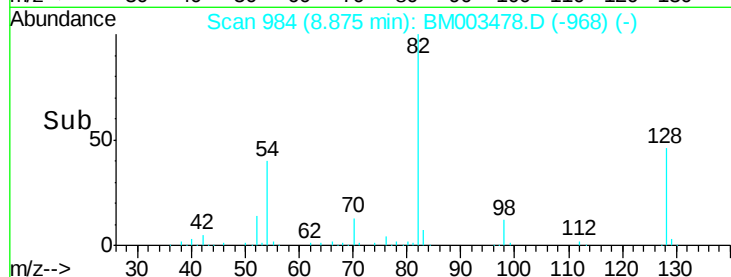
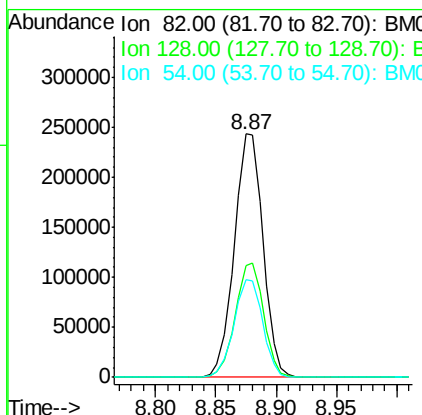
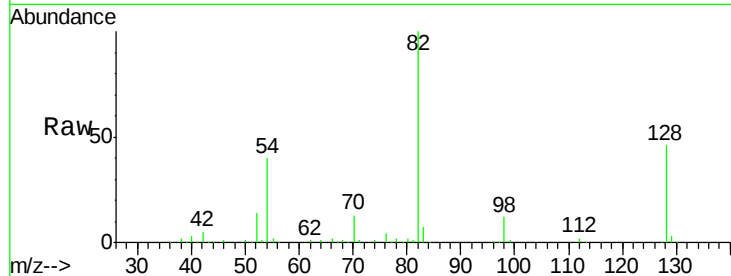




#23
 Nitrobenzene-d5
 Concen: 82.31 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM003478.D
 Acq: 11 Dec 2015 06:34

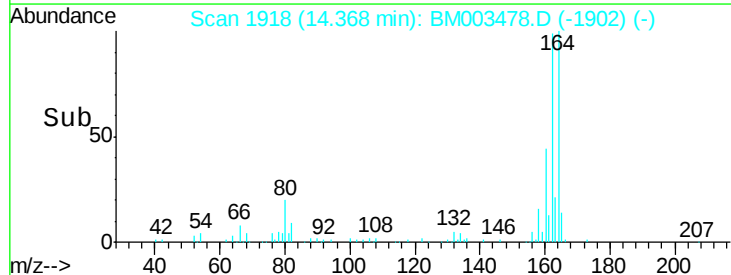
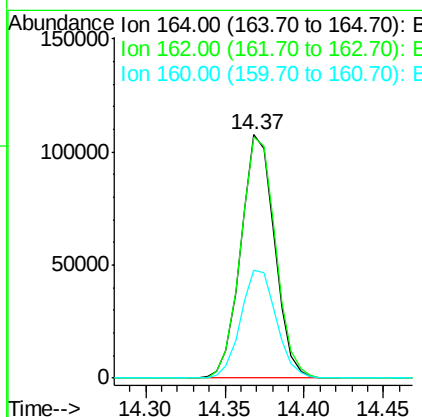
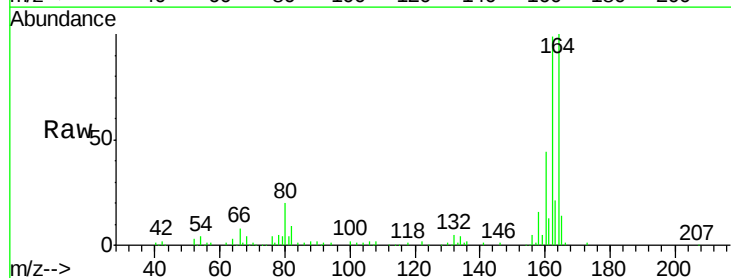
Instrument :
 BNA_M
 ClientSampleId :
 SB7(2-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.8	49.2
54	40.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BM003478.D
 Acq: 11 Dec 2015 06:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	44.3	35.8	53.6

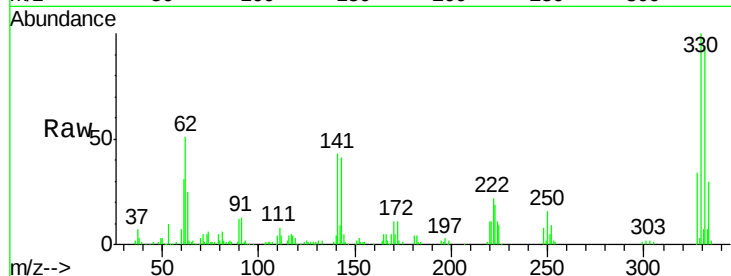




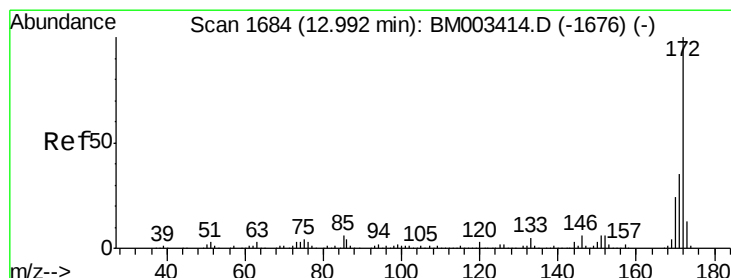
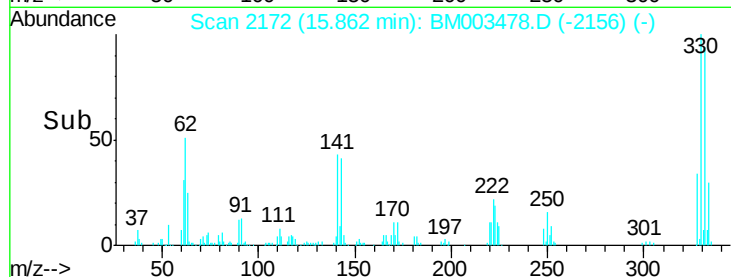
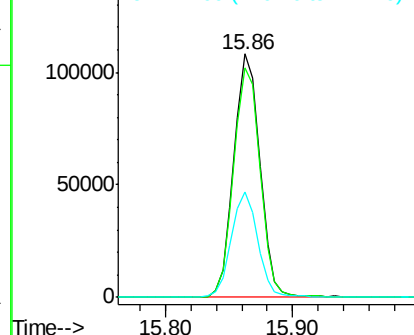
#41
 2,4,6-Tribromophenol
 Concen: 97.43 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM003478.D
 Acq: 11 Dec 2015 06:34

Instrument :
 BNA_M
 ClientSampleId :
 SB7(2-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	43.7	0.0	0.0#

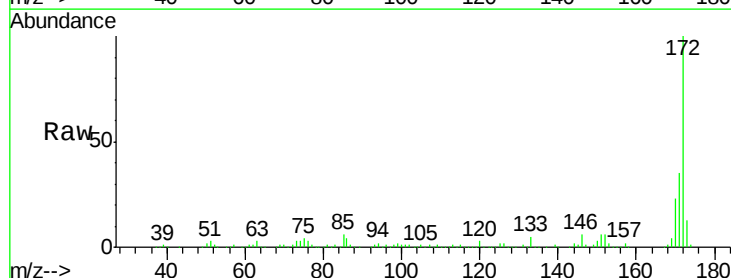


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

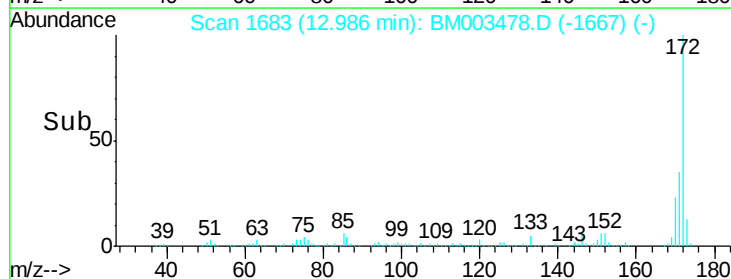
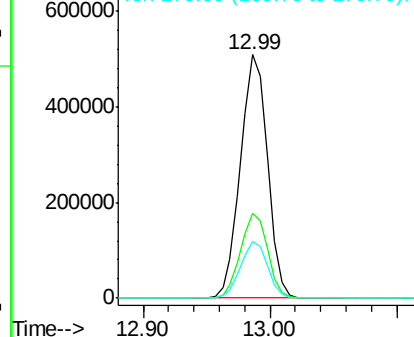


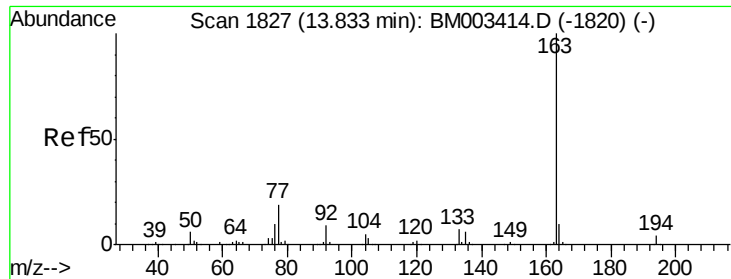
#44
 2-Fluorobiphenyl
 Concen: 64.38 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM003478.D
 Acq: 11 Dec 2015 06:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.3	18.8	28.2



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





#49

Dimethylphthalate

Concen: 11.33 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

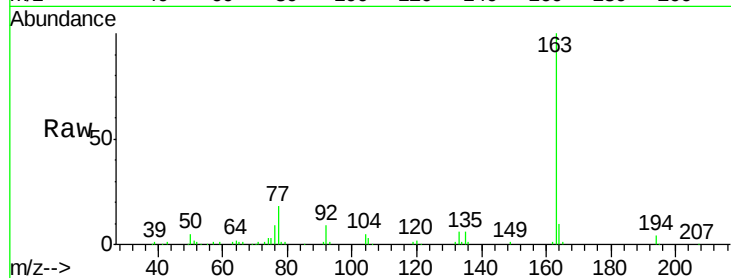
Instrument :

BNA_M

ClientSampled :

SB7(2-4)

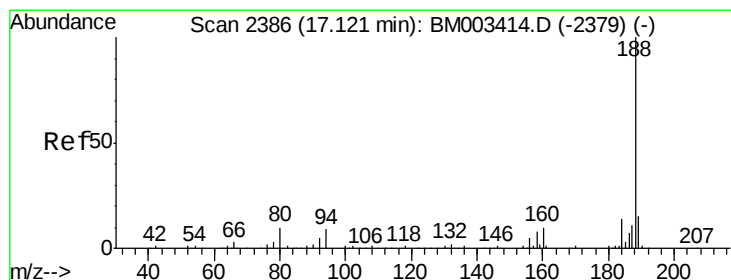
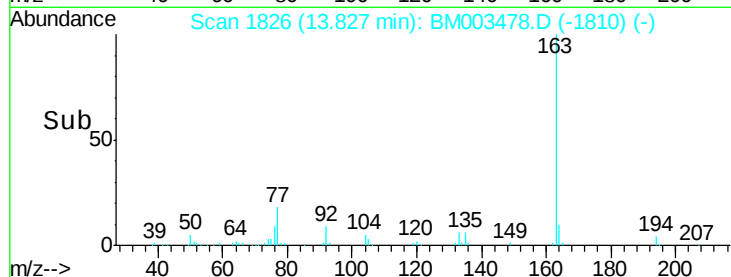
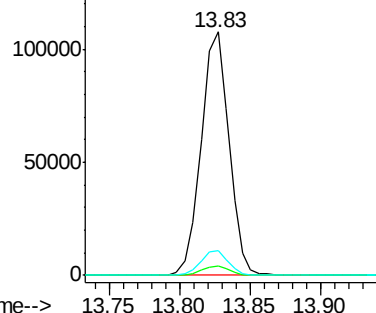
Tgt Ion:	163	Resp:	148342
Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

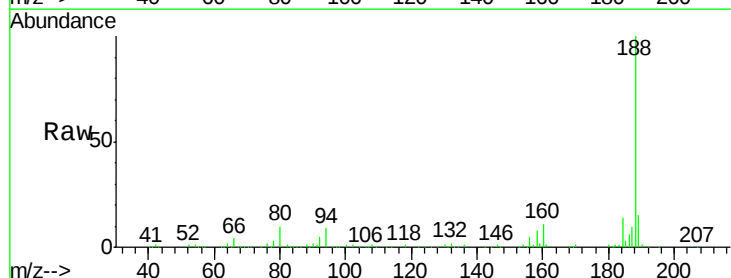
RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

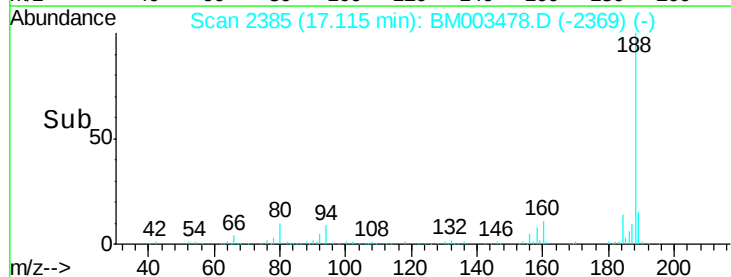
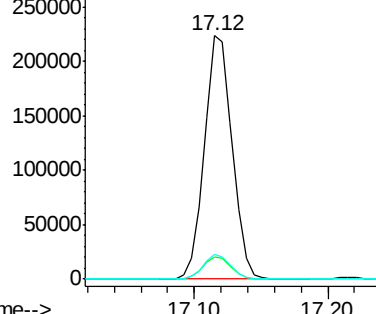
Tgt Ion:	188	Resp:	322292
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	10.0	9.3	13.9

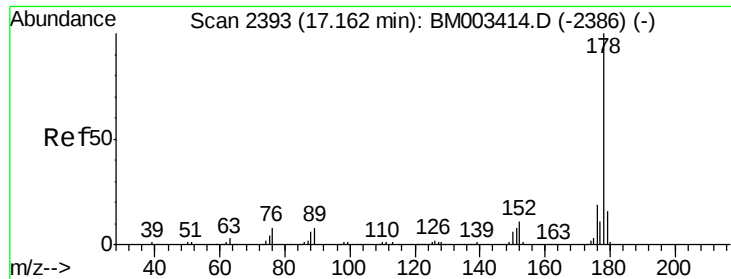


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#70

Phenanthrene

Concen: 2.57 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

Instrument :

BNA_M

ClientSampleId :

SB7(2-4)

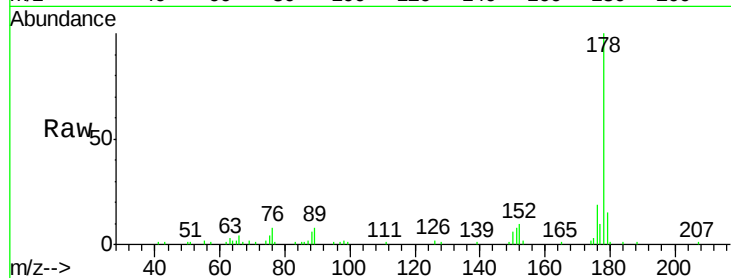
Tgt Ion:178 Resp: 46526

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

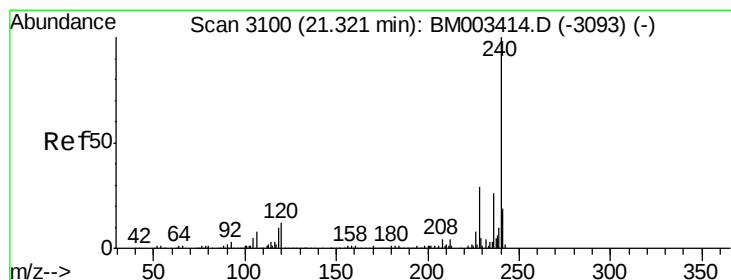
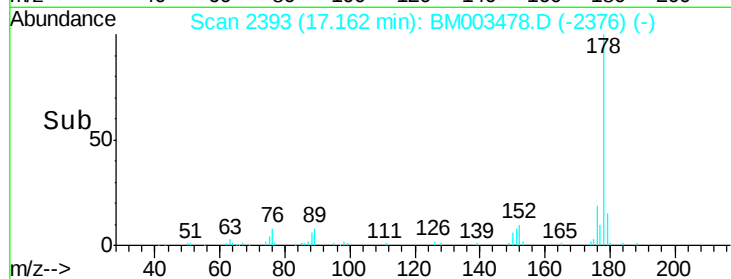
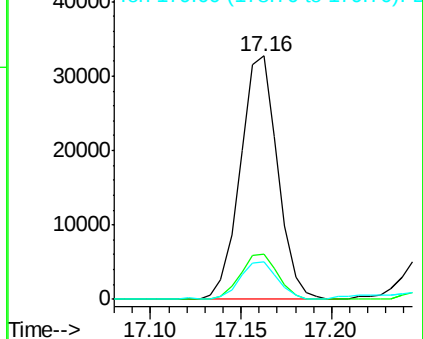
179 15.4 12.1 18.1



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: 21.31 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

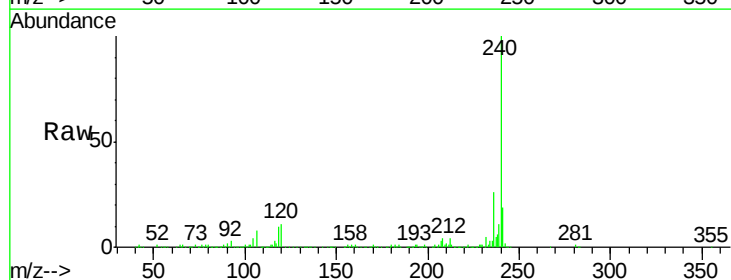
Tgt Ion:240 Resp: 340759

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

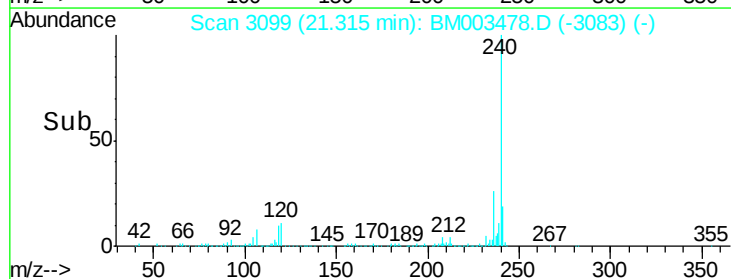
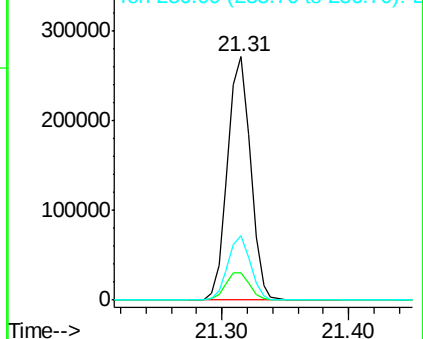
236 26.4 20.0 30.0

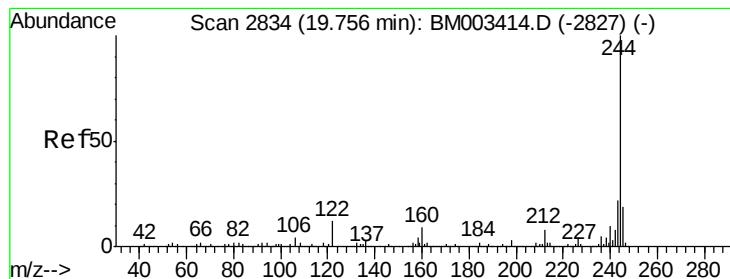


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.03 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

Instrument :

BNA_M

ClientSampleId :

SB7(2-4)

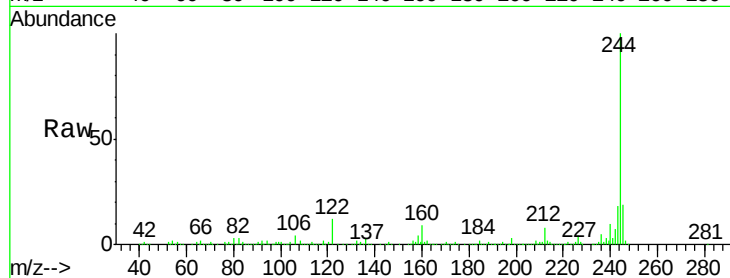
Tgt Ion:244 Resp: 708395

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

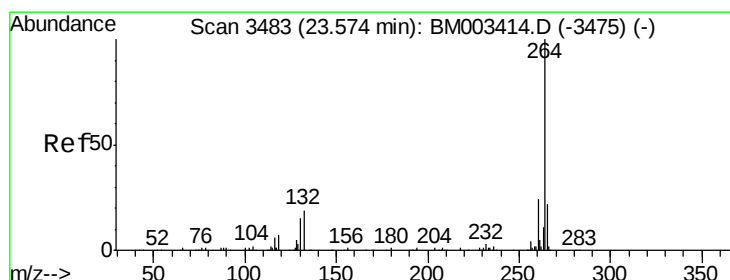
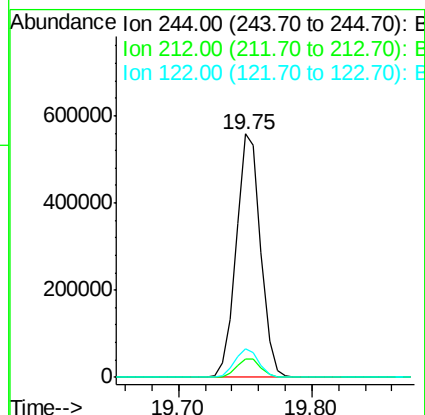
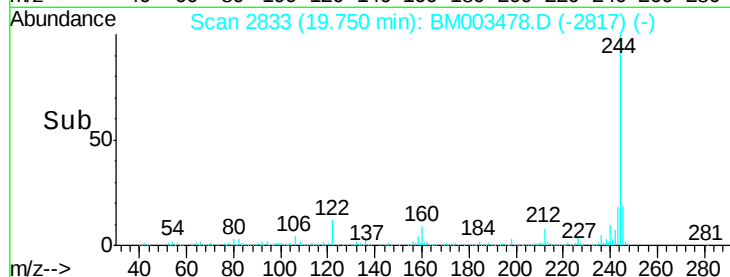
122 11.9 6.2 9.4#



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: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003478.D

Acq: 11 Dec 2015 06:34

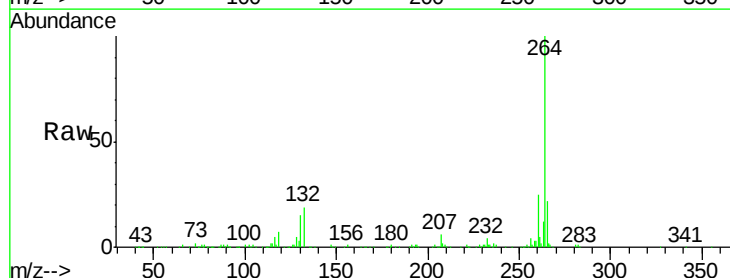
Tgt Ion:264 Resp: 342103

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 21.7 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

