

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003425.D
 Acq On : 09 Dec 2015 22:42
 Operator : UM/IZ
 Sample : G4696-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

Quant Time: Dec 10 00:58:41 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	63945	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	264926	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	146478	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	311486	20.00	ng	0.00
75) Chrysene-d12	21.32	240	334809	20.00	ng	0.00
86) Perylene-d12	23.57	264	329143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	267288	74.32	ng	0.00
7) Phenol-d6	6.89	99	218244	43.70	ng	0.00
23) Nitrobenzene-d5	8.88	82	438504	102.63	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	225383	154.07	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1028492	95.66	ng	0.00
78) Terphenyl-d14	19.76	244	1209754	85.21	ng	0.00

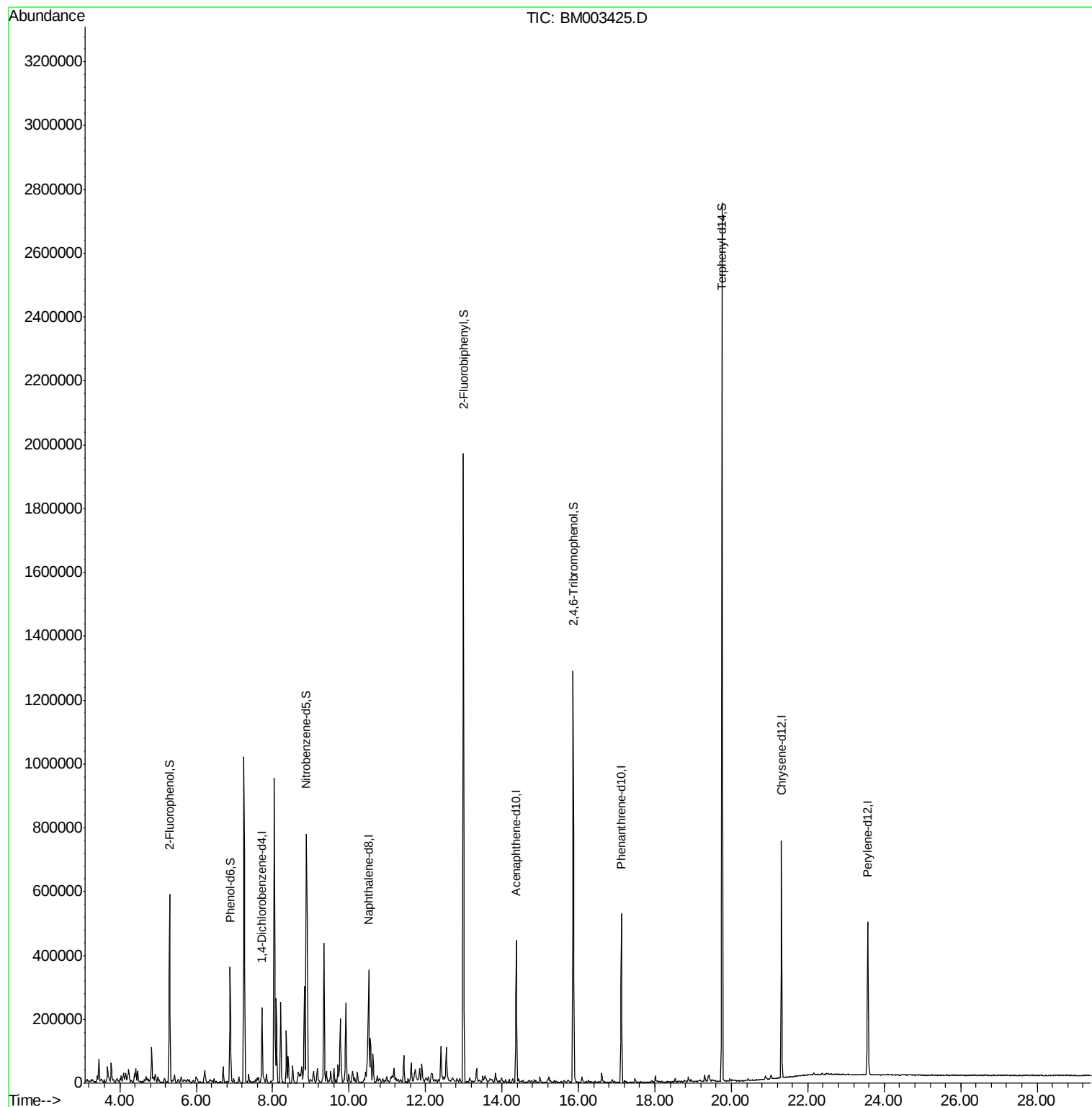
Target Compounds	Qvalue
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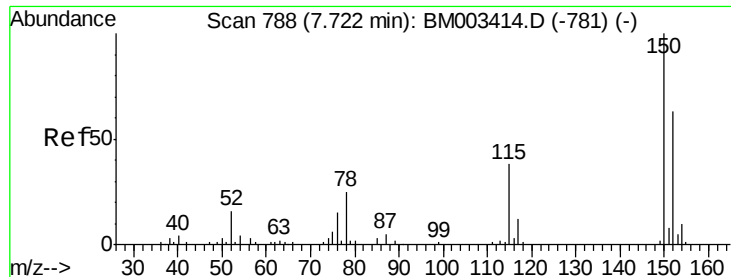
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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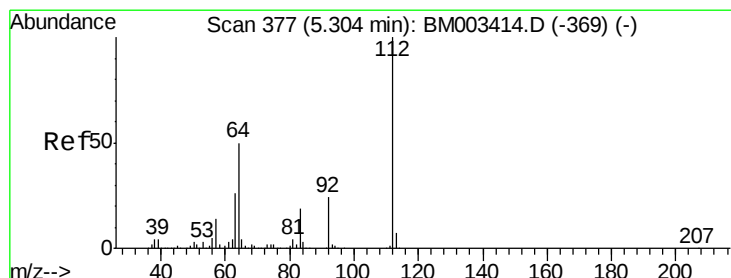
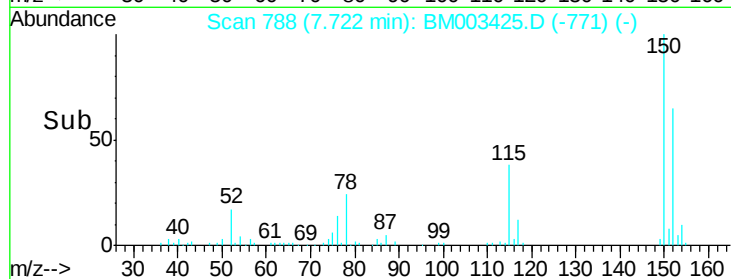
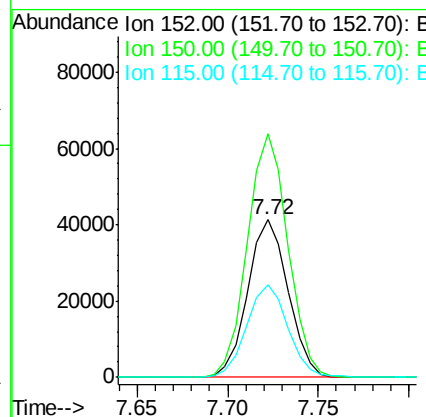
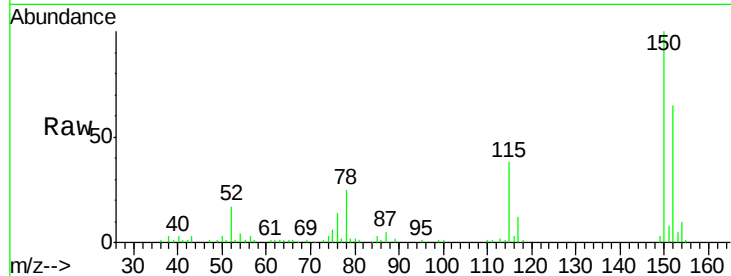




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

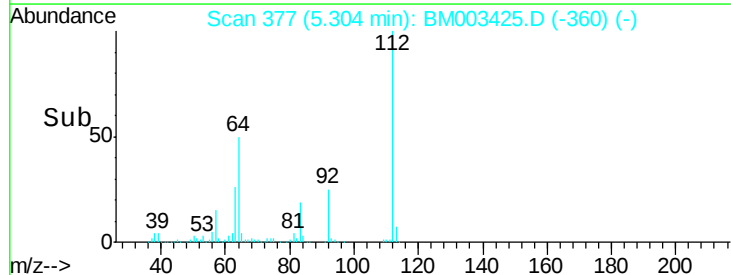
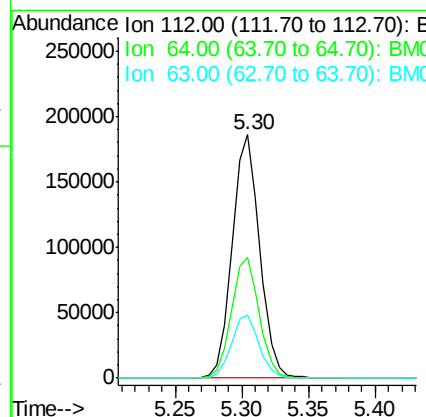
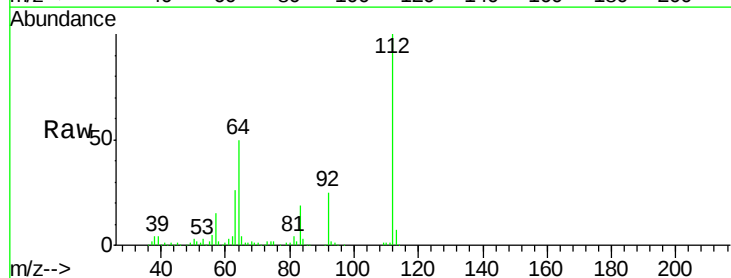
Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

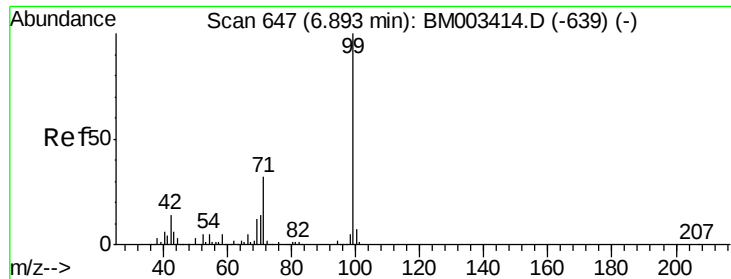
Tgt Ion:152 Resp: 63945
 Ion Ratio Lower Upper
 152 100
 150 154.3 119.5 179.3
 115 58.7 43.0 64.4



#5
 2-Fluorophenol
 Concen: 74.32 ng
 RT: 5.30 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

Tgt Ion:112 Resp: 267288
 Ion Ratio Lower Upper
 112 100
 64 49.8 38.6 57.8
 63 25.7 19.3 28.9





#7

Phenol-d6

Concen: 43.70 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

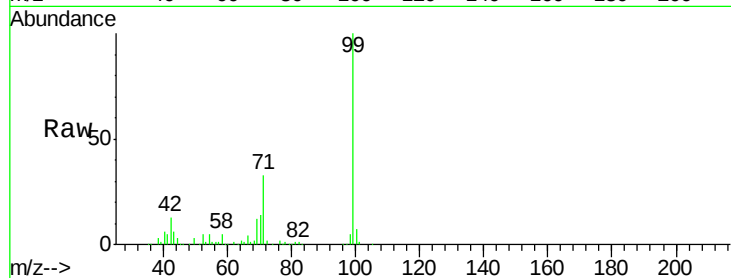
Tgt Ion: 99 Resp: 218244

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

71 32.8 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

150000

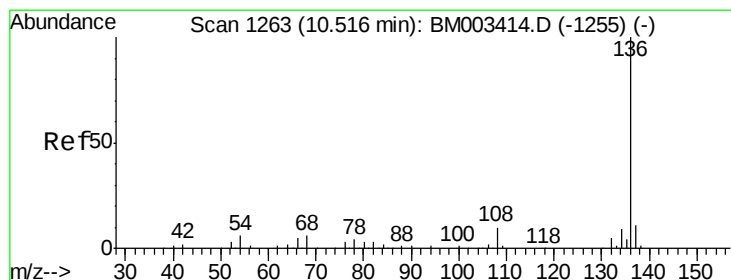
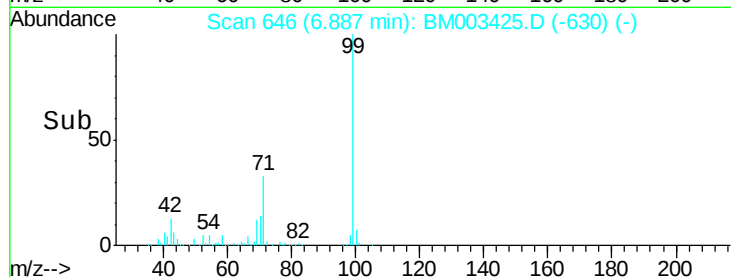
100000

50000

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: BM003425.D

Acq: 09 Dec 2015 22:42

Tgt Ion: 136 Resp: 264926

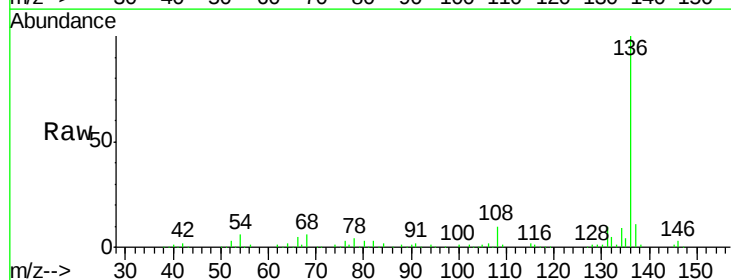
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.9 4.6 6.8

68 5.7 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

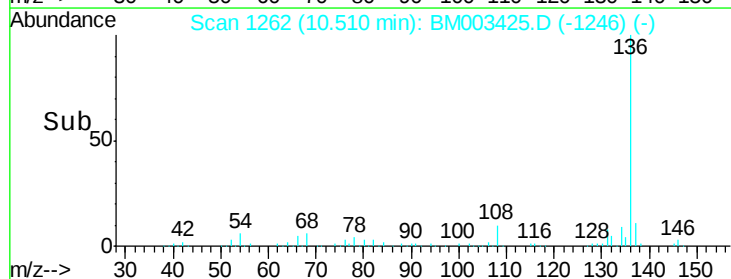
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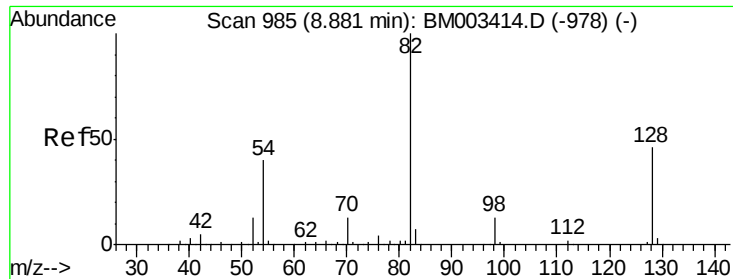
50000

0

10.45 10.50 10.55 10.60

Time-->

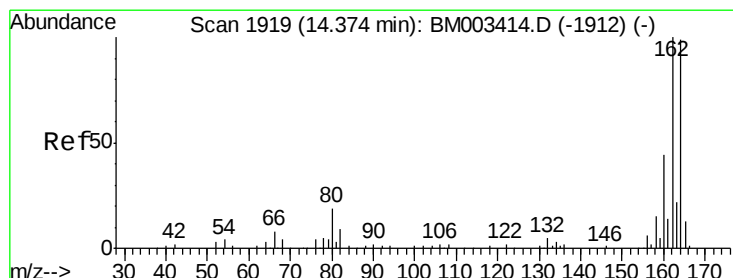
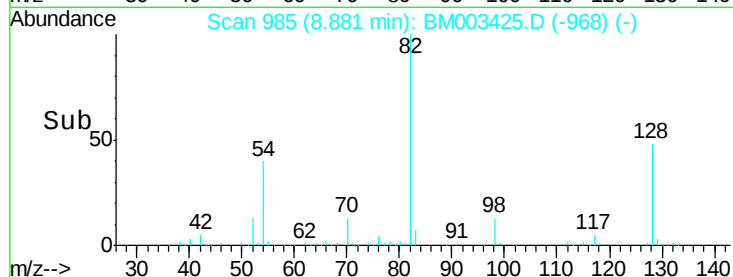
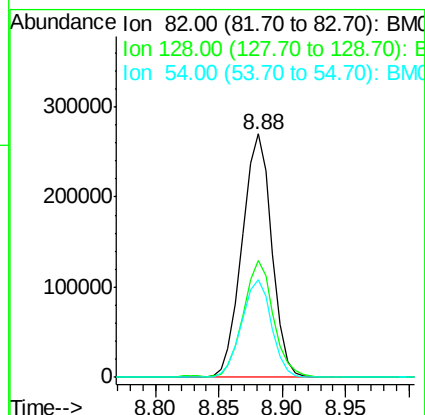
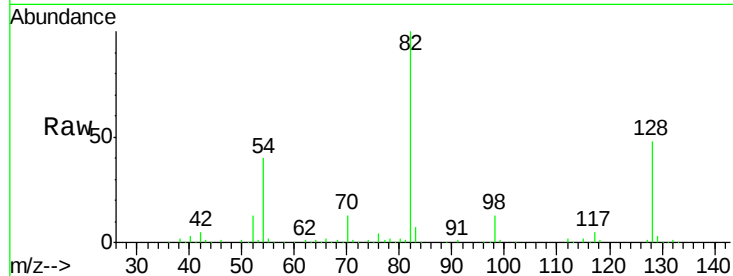




#23
 Nitrobenzene-d5
 Concen: 102.63 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

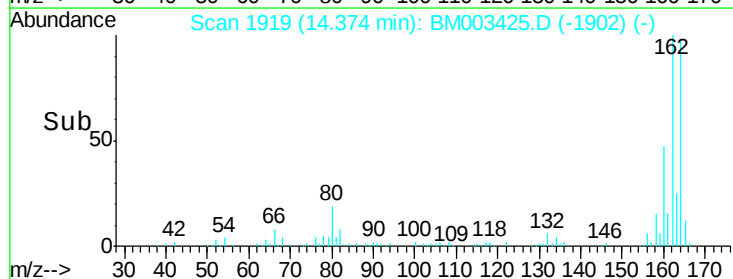
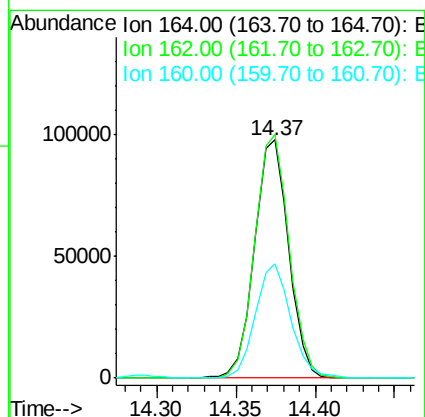
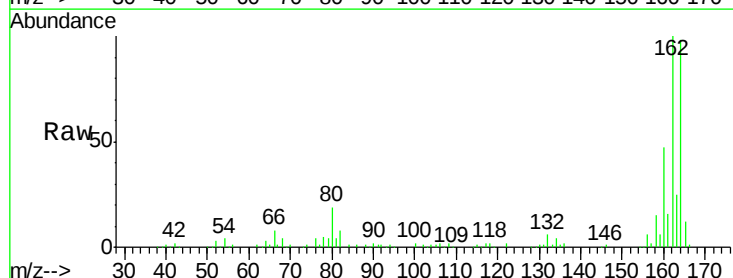
Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

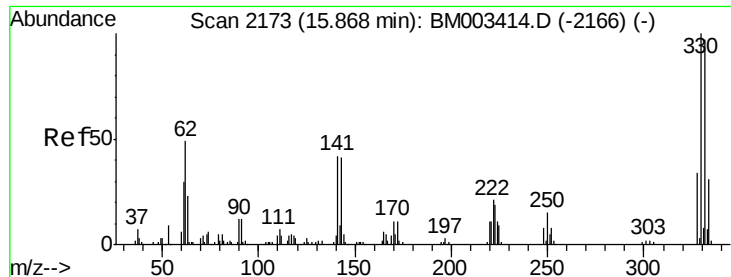
Tgt Ion: 82 Resp: 438504
 Ion Ratio Lower Upper
 82 100
 128 47.8 32.8 49.2
 54 39.9 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

Tgt Ion:164 Resp: 146478
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.4 123.6
 160 47.9 35.8 53.6

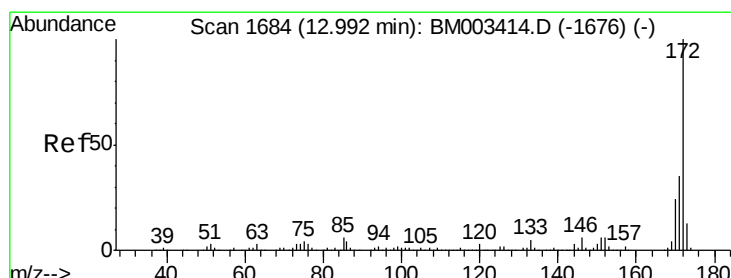
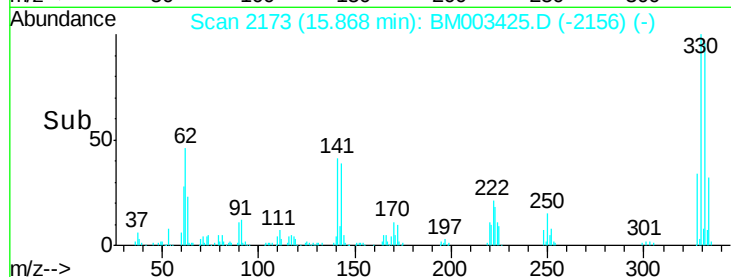
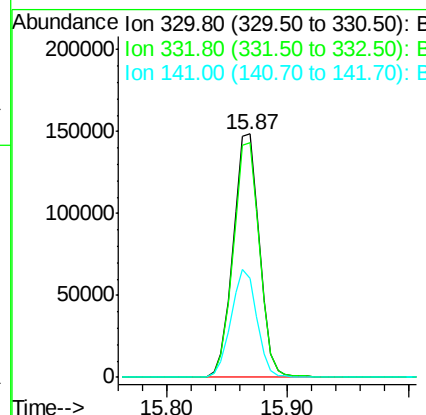
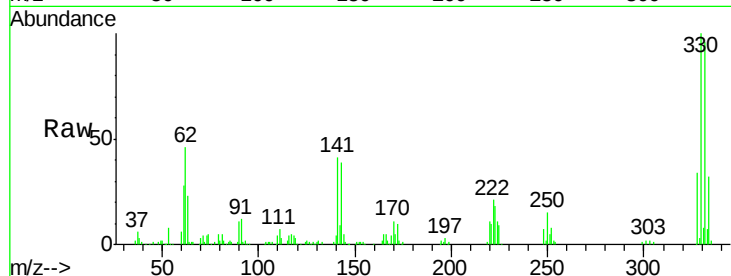




#41
 2,4,6-Tribromophenol
 Concen: 154.07 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

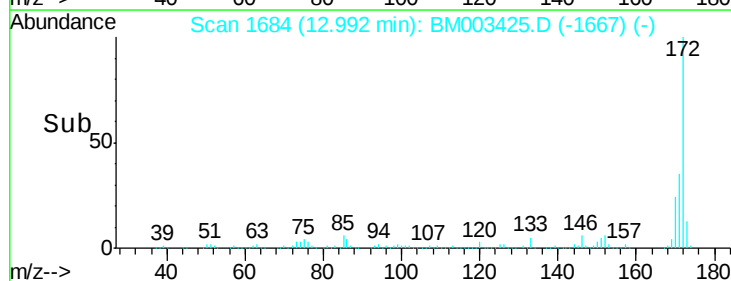
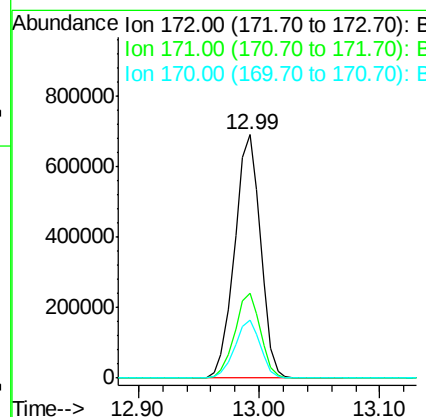
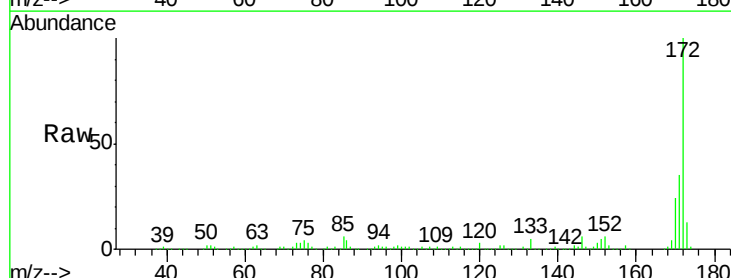
Instrument :
 BNA_M
 ClientSampleId :
 GMW-03

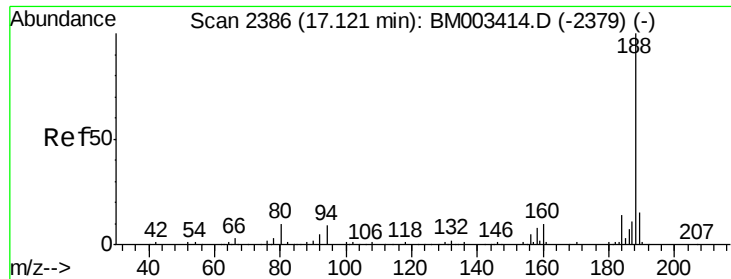
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	43.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 95.66 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003425.D
 Acq: 09 Dec 2015 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.6	18.8	28.2

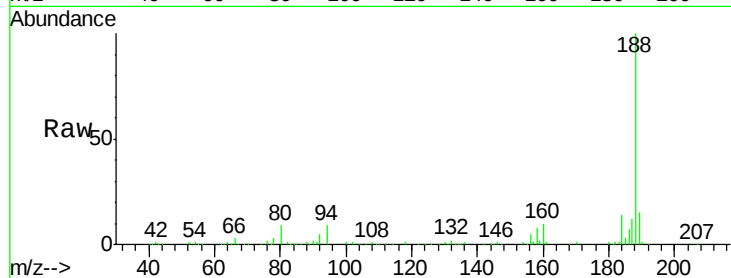




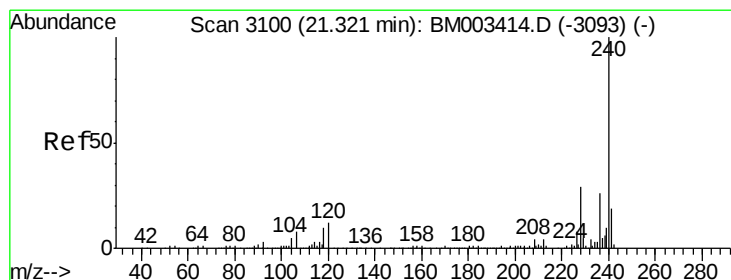
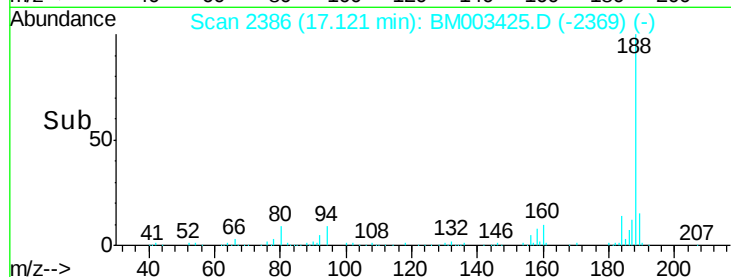
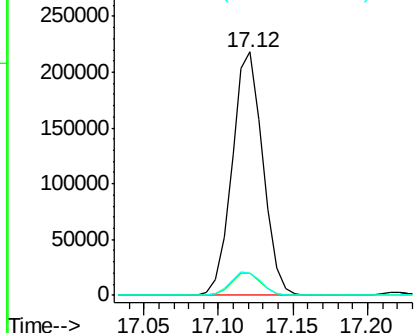
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003425.D
Acq: 09 Dec 2015 22:42

Instrument :
BNA_M
ClientSampleId :
GMW-03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.7	13.1
80	9.4	9.3	13.9

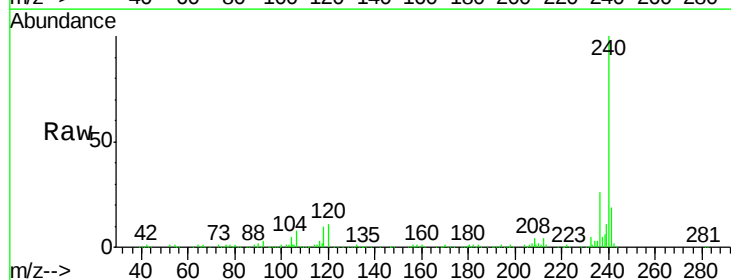


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

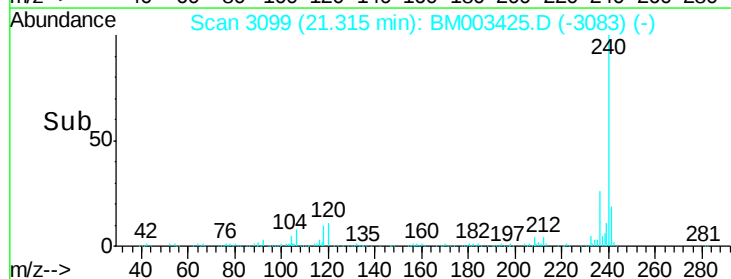
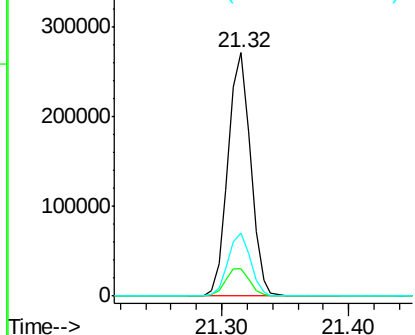


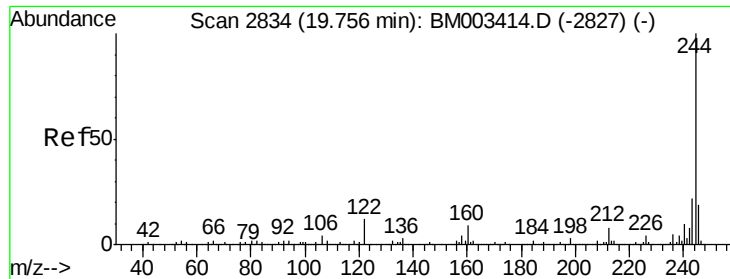
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003425.D
Acq: 09 Dec 2015 22:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	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: 85.21 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

Instrument :

BNA_M

ClientSampleId :

GMW-03

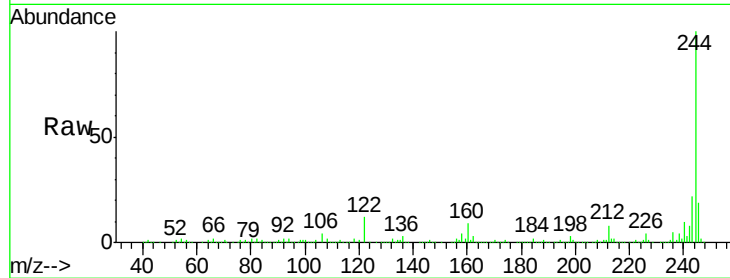
Tgt Ion:244 Resp: 1209754

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

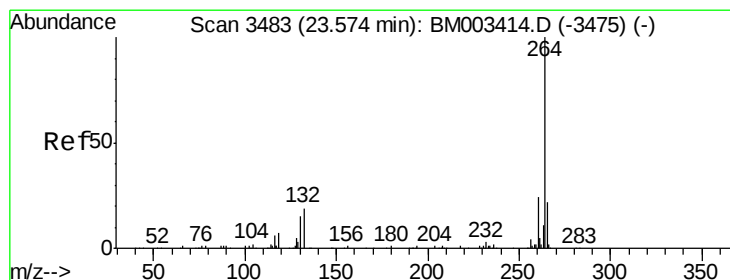
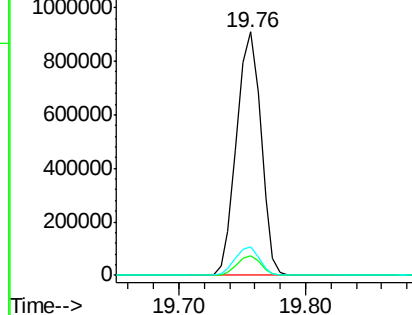
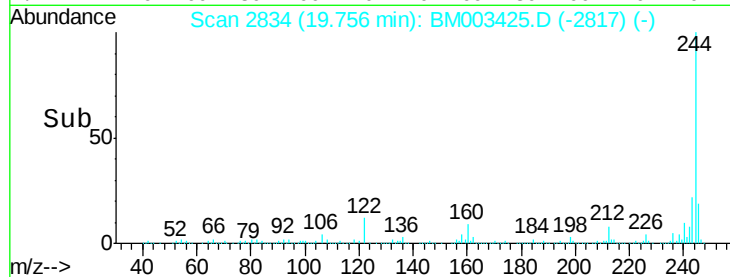
122 11.7 6.2 9.4#



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: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003425.D

Acq: 09 Dec 2015 22:42

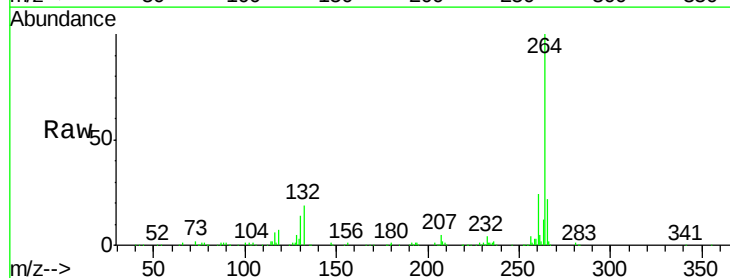
Tgt Ion:264 Resp: 329143

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.8 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

