

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016077.D
 Acq On : 26 Jul 2018 18:08
 Operator : SJ/JU
 Sample : PB111401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111401BL

Quant Time: Jul 27 05:42:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60620	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	232293	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	137806	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	311759	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	313827	20.00	ng	-0.02
86) Perylene-d12	24.04	264	258971	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	542319	148.61	ng	-0.02
7) Phenol-d6	7.37	99	681305	142.96	ng	-0.02
23) Nitrobenzene-d5	9.39	82	473780	94.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	283206	162.03	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1017558	89.84	ng	-0.02
78) Terphenyl-d14	20.14	244	1995176	133.08	ng	-0.02

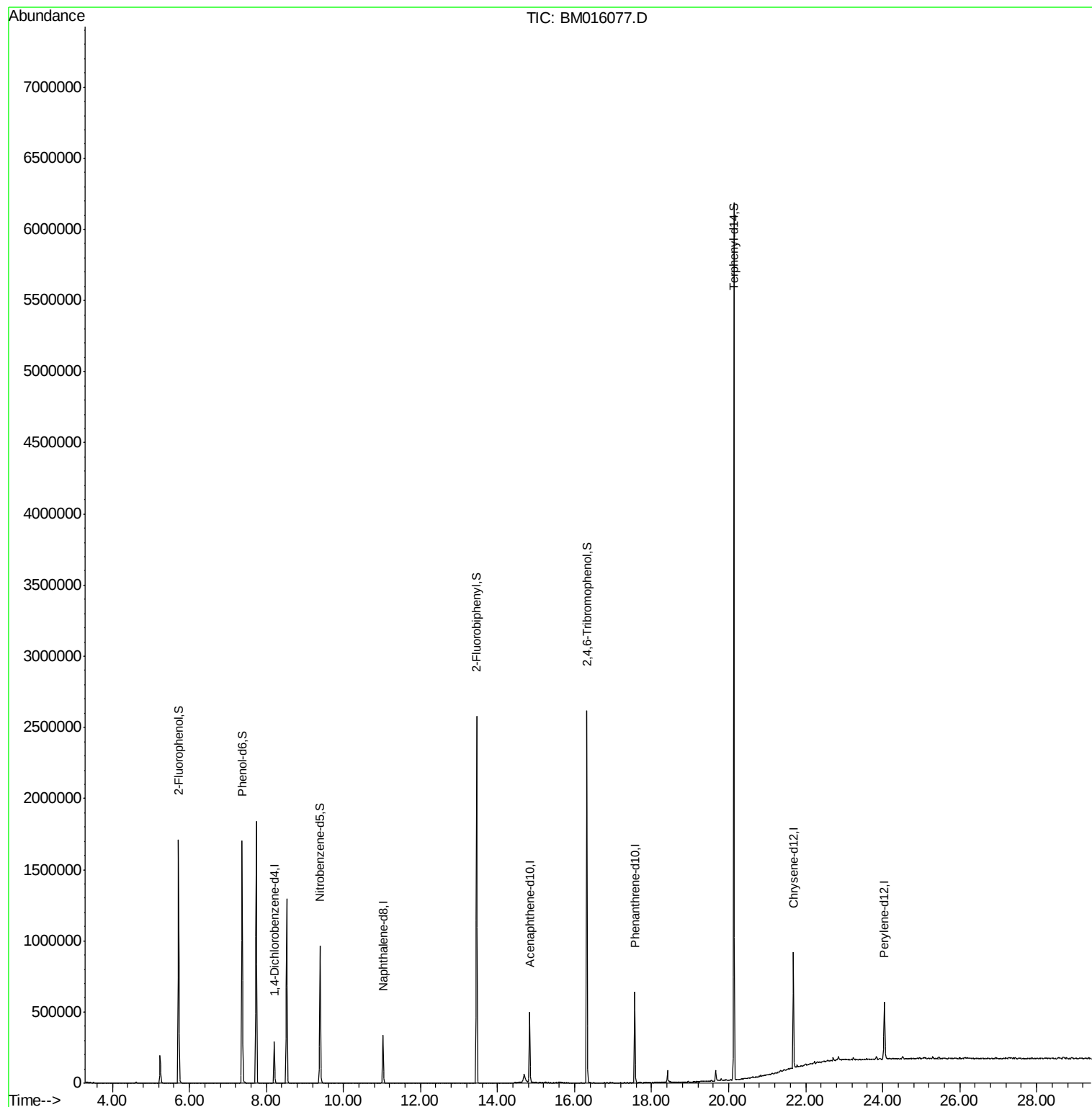
Target Compounds	Qvalue
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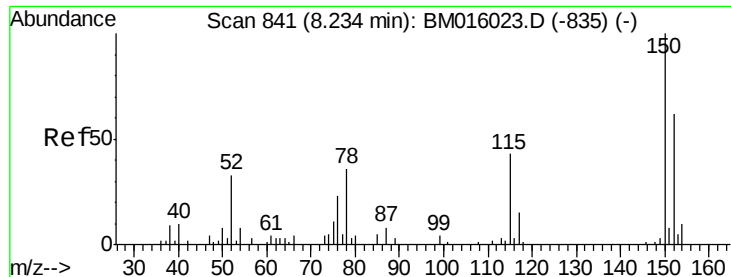
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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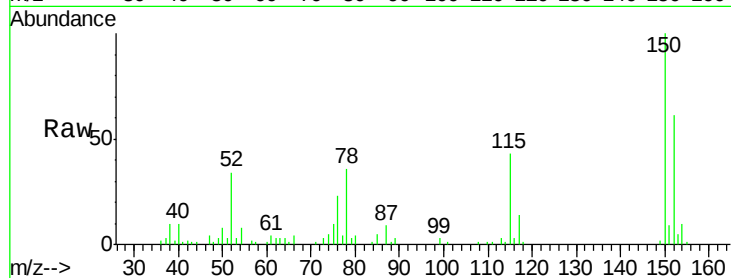


#1

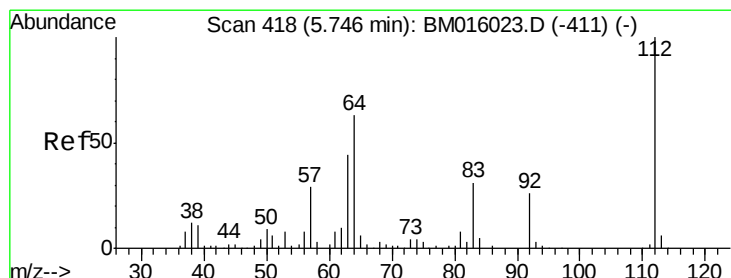
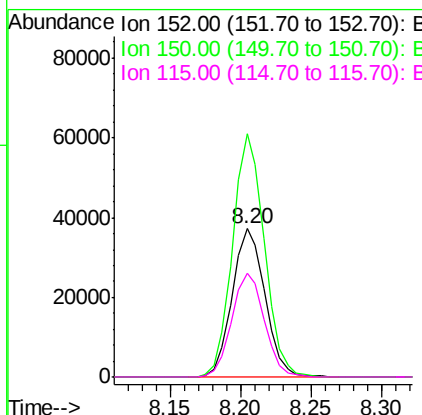
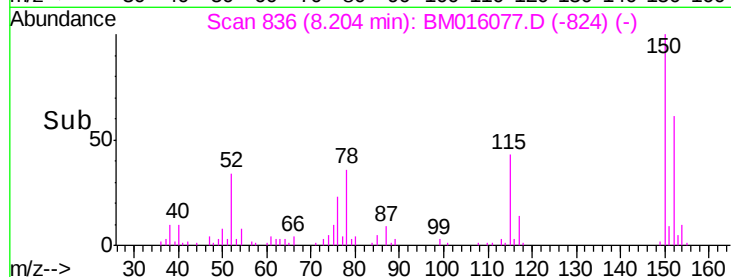
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.03 min
 Lab File: BM016077.D
 Acq: 26 Jul 2018 18:08

Instrument :
 BNA_M
 ClientSampleId :
 PB111401BL

Tgt Ion:152 Resp: 60620
 Ion Ratio Lower Upper
 152 100
 150 163.7 119.5 179.3
 115 70.4 43.0 64.4#



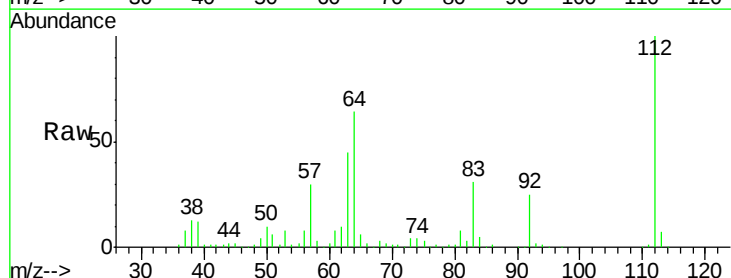
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



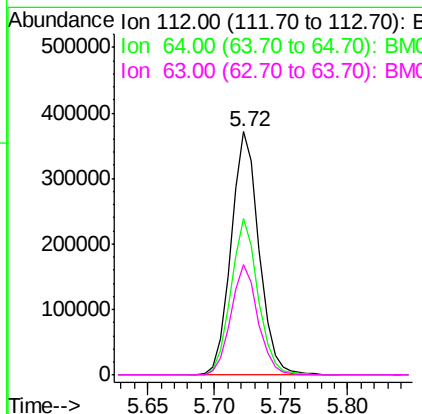
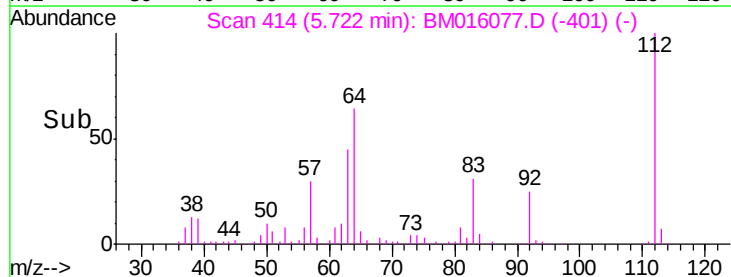
#5

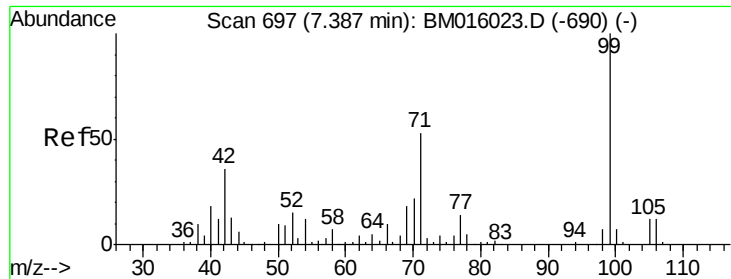
2-Fluorophenol
 Concen: Below ng
 RT: 5.72 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: BM016077.D
 Acq: 26 Jul 2018 18:08

Tgt Ion:112 Resp: 542319
 Ion Ratio Lower Upper
 112 100
 64 64.3 38.6 57.8#
 63 45.5 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: N.D. ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016077.D

Acq: 26 Jul 2018 18:08

Instrument :

BNA_M

ClientSampleId :

PB111401BL

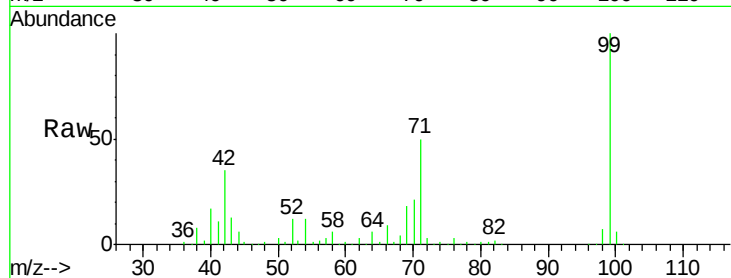
Tgt Ion: 99 Resp: 681305

Ion Ratio Lower Upper

99 100

42 35.2 11.0 16.4#

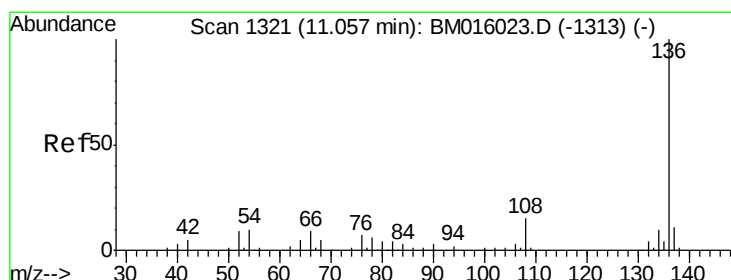
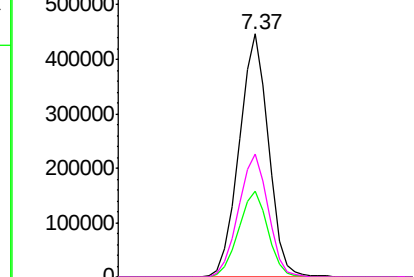
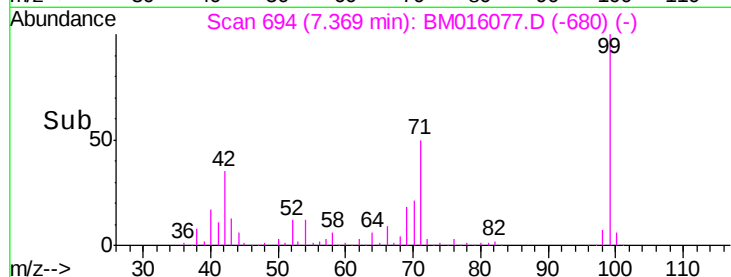
71 50.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016077.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016077.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016077.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.03 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BM016077.D

Acq: 26 Jul 2018 18:08

Tgt Ion: 136 Resp: 232293

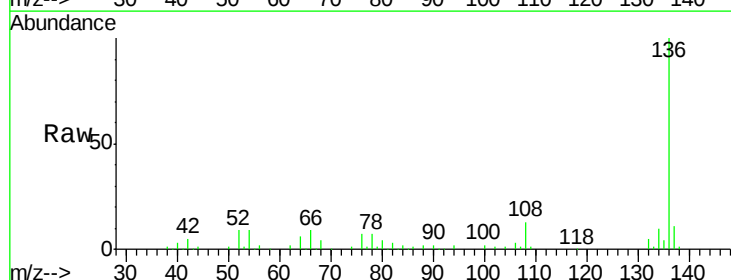
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 4.1 3.7 5.5

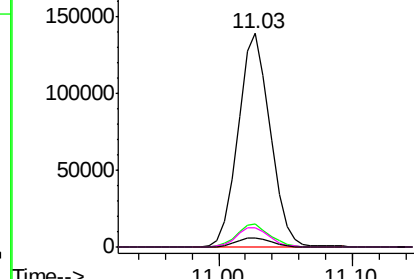
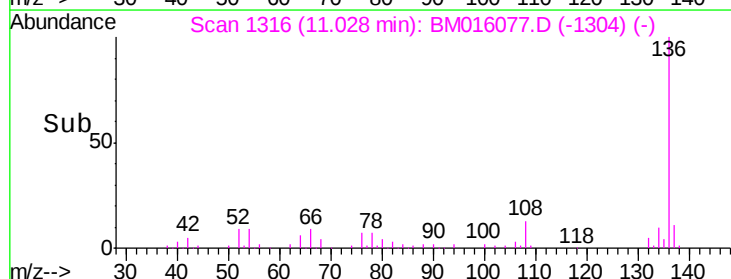


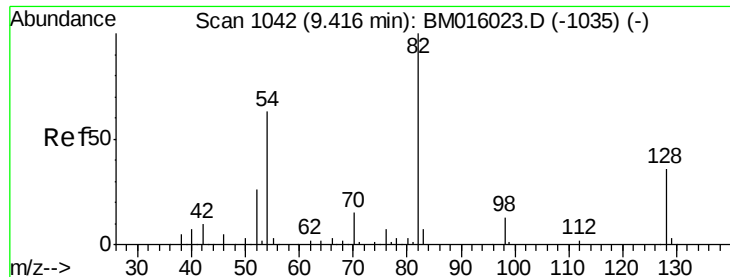
Abundance Ion 136.00 (135.70 to 136.70): BM016077.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016077.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016077.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016077.D (-1304) (-)

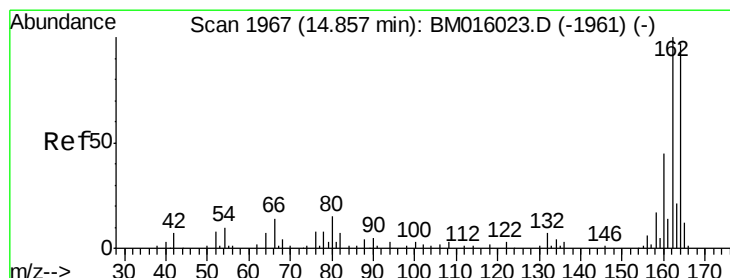
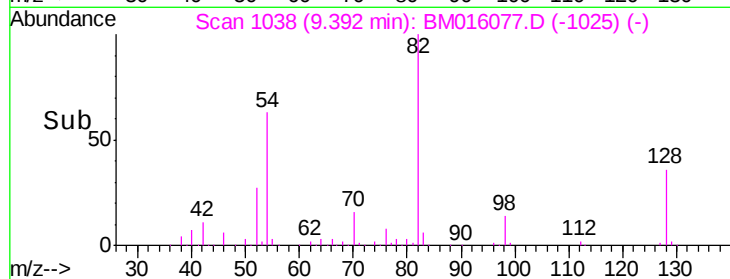
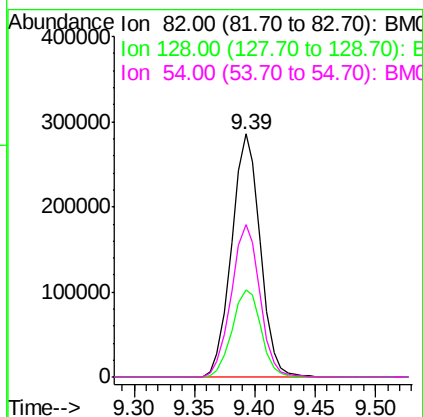
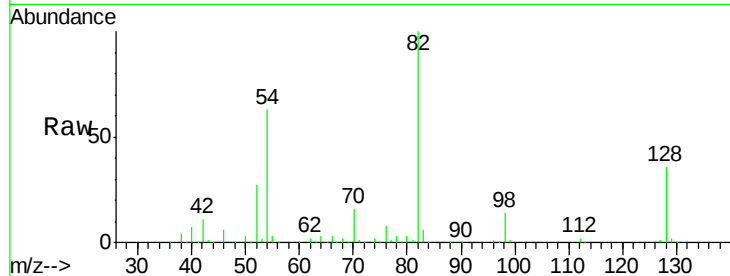




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016077.D
Acq: 26 Jul 2018 18:08

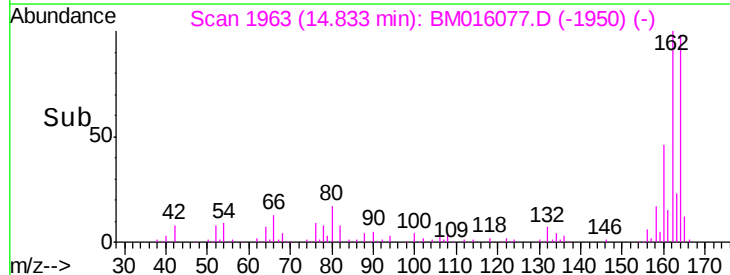
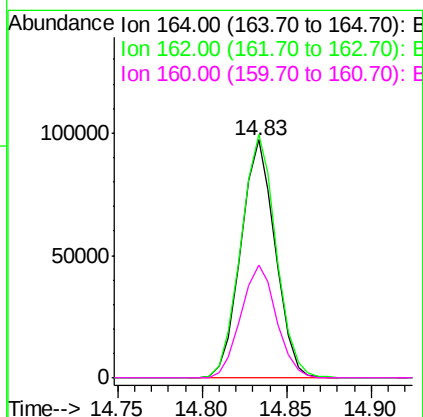
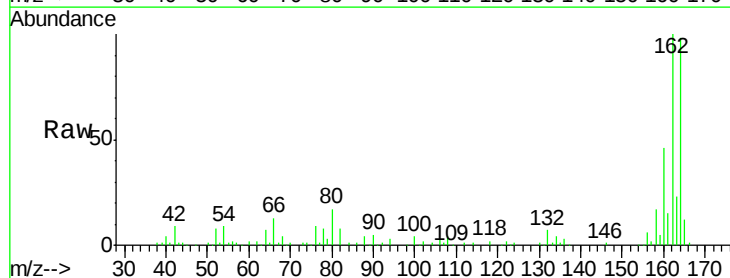
Instrument :
BNA_M
ClientSampleId :
PB111401BL

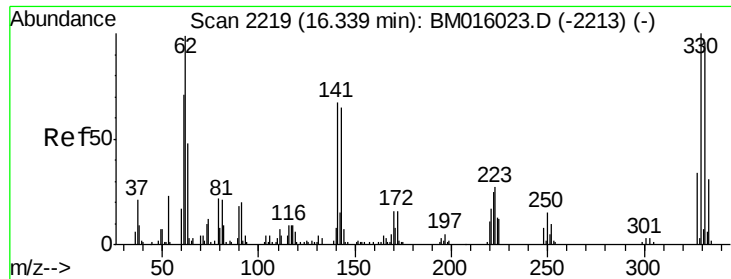
Tgt Ion: 82 Resp: 473780
Ion Ratio Lower Upper
82 100
128 36.2 32.8 49.2
54 62.7 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM016077.D
Acq: 26 Jul 2018 18:08

Tgt Ion: 164 Resp: 137806
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 47.5 35.8 53.6

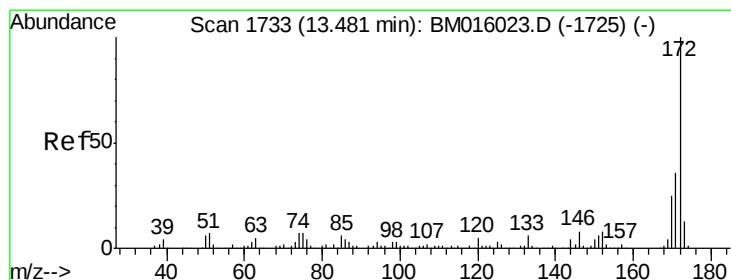
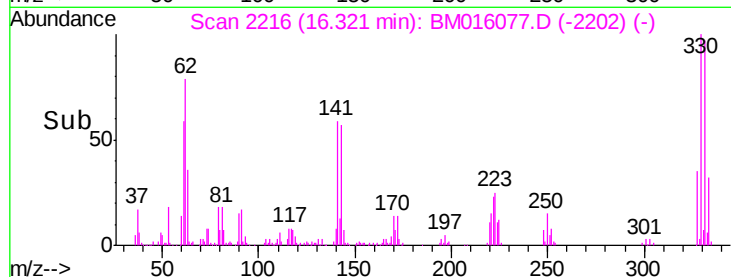
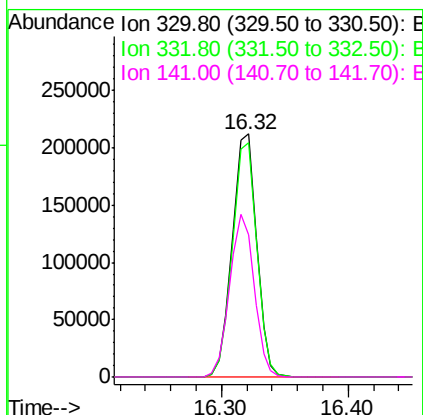
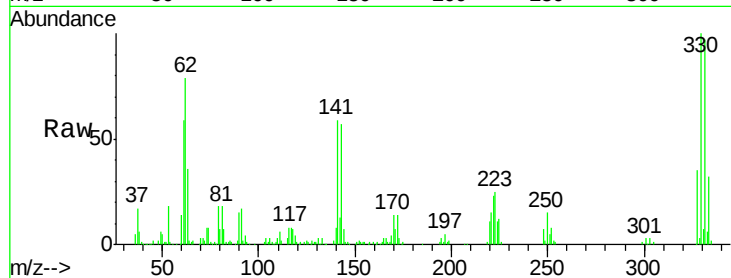




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.32 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BM016077.D
 Acq: 26 Jul 2018 18:08

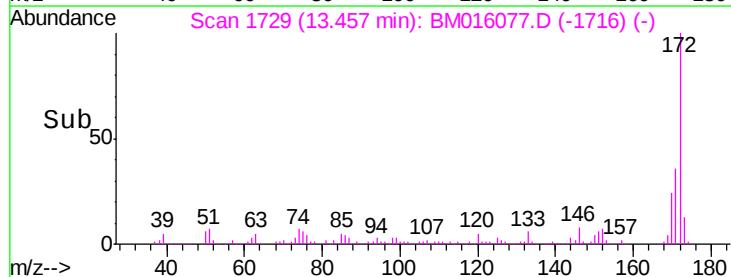
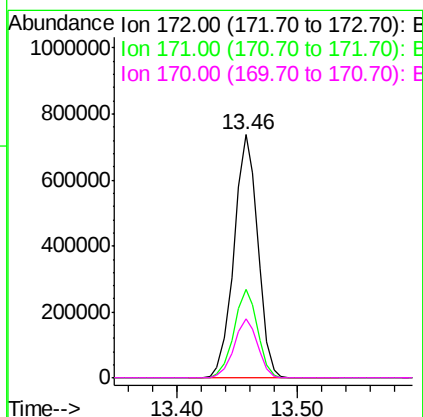
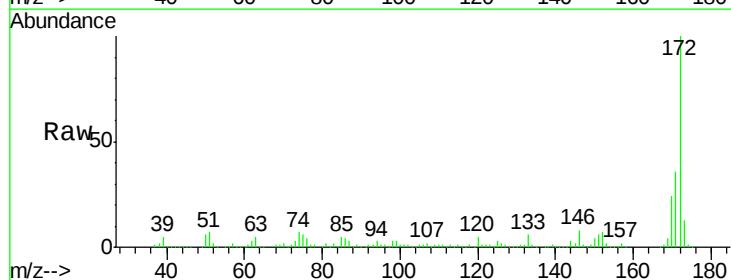
Instrument :
 BNA_M
 ClientSampled :
 PB111401BL

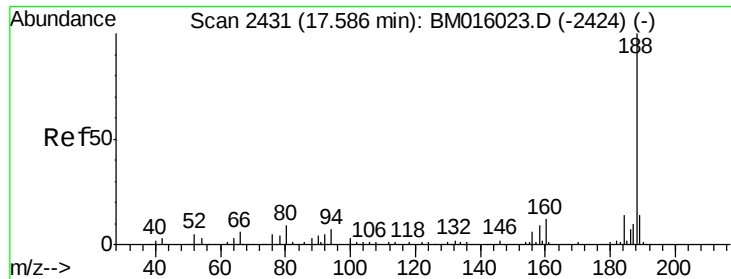
Tgt Ion: 330 Resp: 283206
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 67.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016077.D
 Acq: 26 Jul 2018 18:08

Tgt Ion: 172 Resp: 1017558
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.4 18.8 28.2

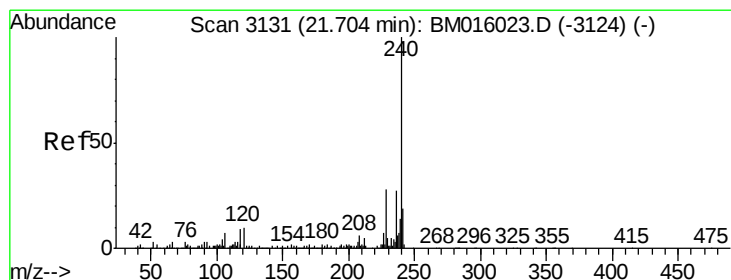
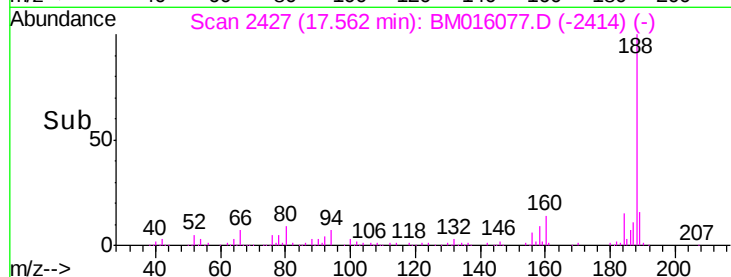
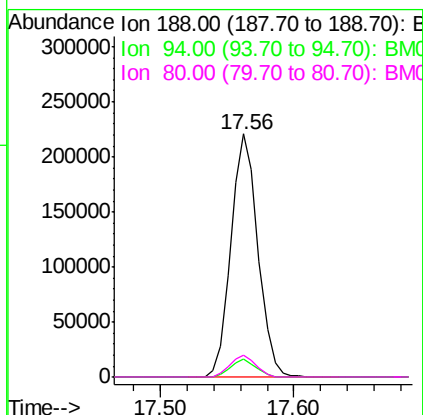
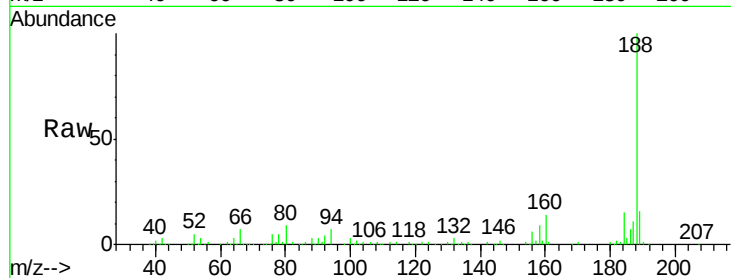




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016077.D
Acq: 26 Jul 2018 18:08

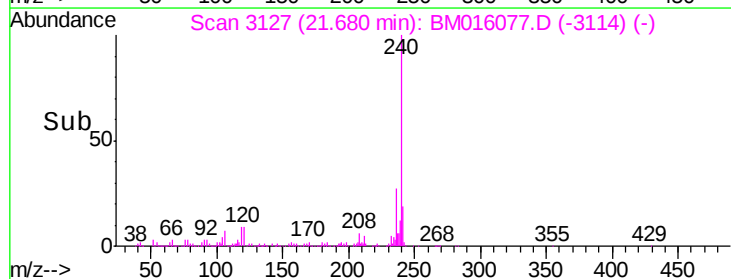
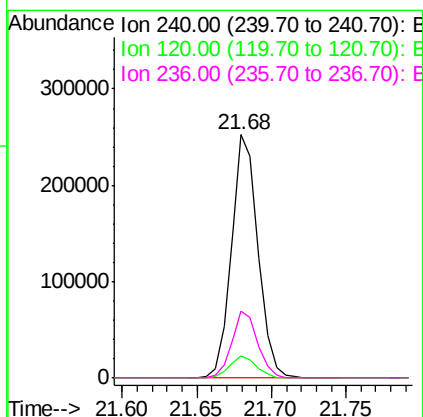
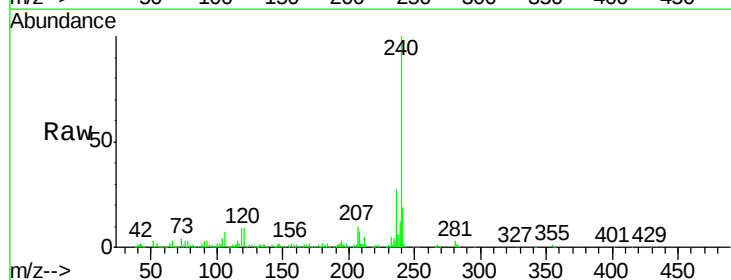
Instrument :
BNA_M
ClientSampleId :
PB111401BL

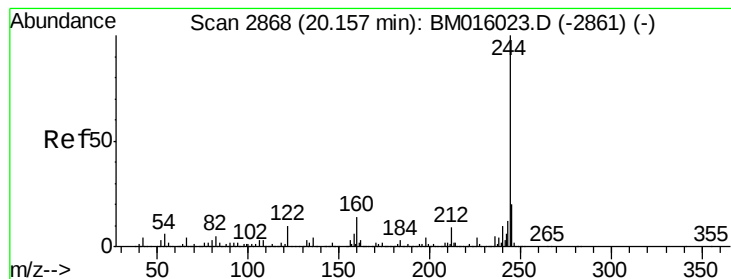
Tgt Ion:188 Resp: 311759
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM016077.D
Acq: 26 Jul 2018 18:08

Tgt Ion:240 Resp: 313827
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 27.3 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.14 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BM016077.D

Acq: 26 Jul 2018 18:08

Instrument :

BNA_M

ClientSampleId :

PB111401BL

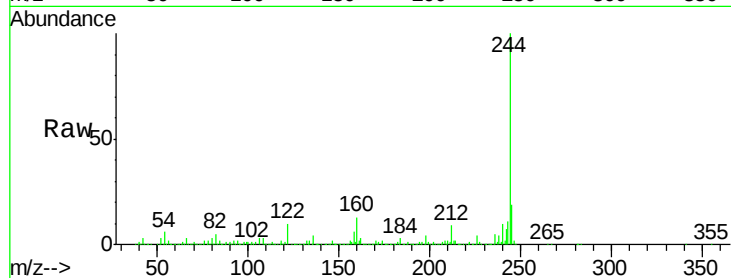
Tgt Ion:244 Resp: 1995176

Ion Ratio Lower Upper

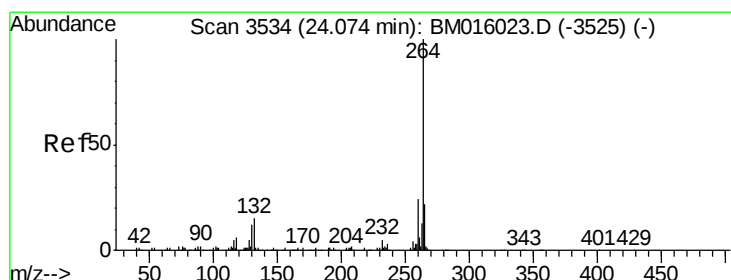
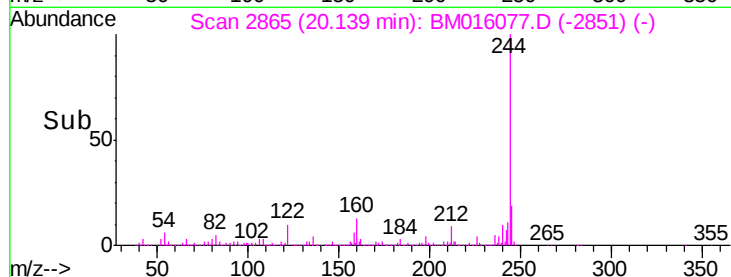
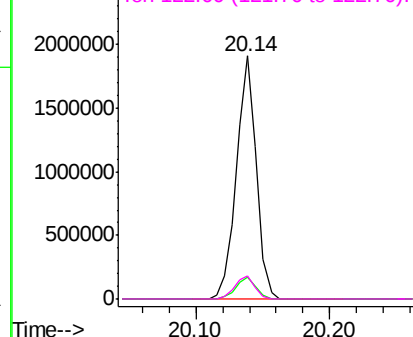
244 100

212 9.2 4.9 7.3#

122 9.7 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: 20.000 ng

RT: 24.04 min Scan# 3529

Delta R.T. -0.03 min

Lab File: BM016077.D

Acq: 26 Jul 2018 18:08

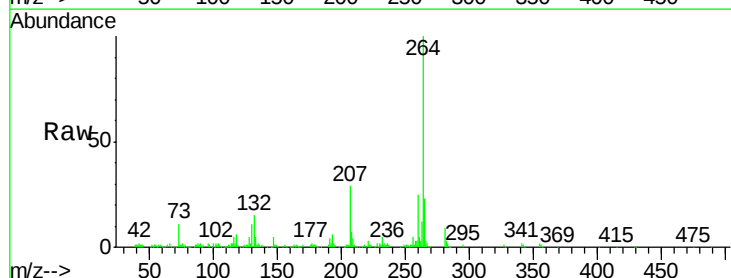
Tgt Ion:264 Resp: 258971

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.9 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

