

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015826.D
 Acq On : 07 Jul 2018 06:08
 Operator : SJ/JU
 Sample : J3820-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318

Quant Time: Jul 09 00:52:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	126015	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	489439	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	274761	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	598842	20.00	ng	0.00
75) Chrysene-d12	21.76	240	473831	20.00	ng	-0.01
86) Perylene-d12	24.16	264	391699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	1158161	157.62	ng	0.00
7) Phenol-d6	7.46	99	1301814	129.41	ng	0.00
23) Nitrobenzene-d5	9.50	82	1122991	111.95	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	645443	179.78	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2424055	109.53	ng	0.00
78) Terphenyl-d14	20.22	244	3829517	149.91	ng	0.00

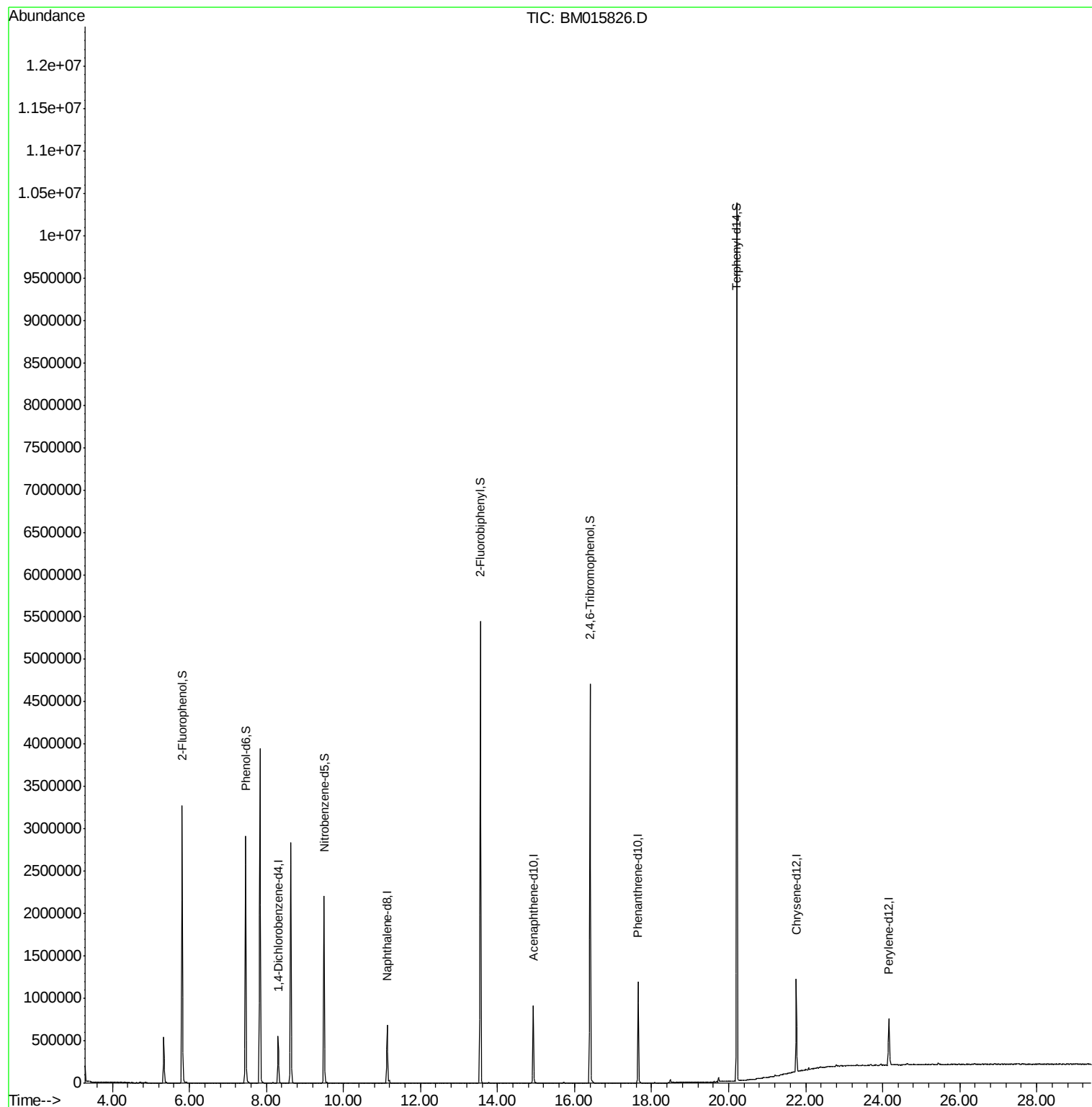
Target Compounds	Qvalue
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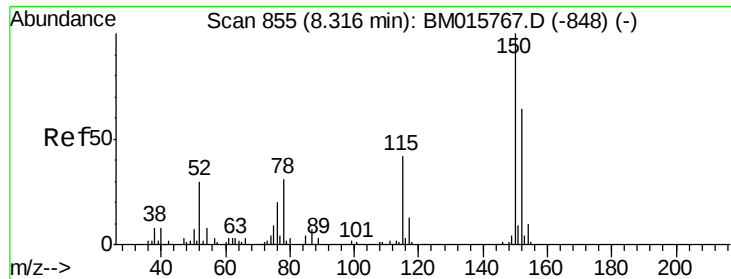
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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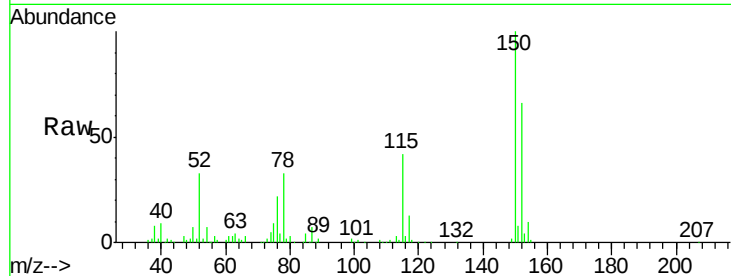


#1

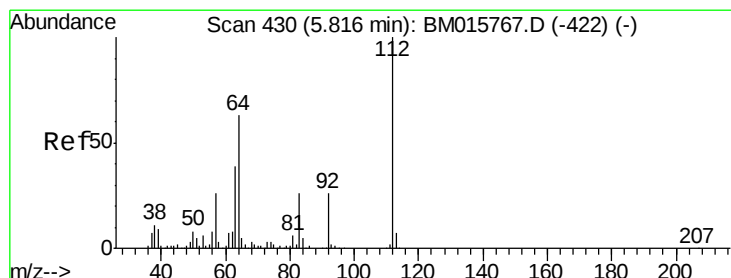
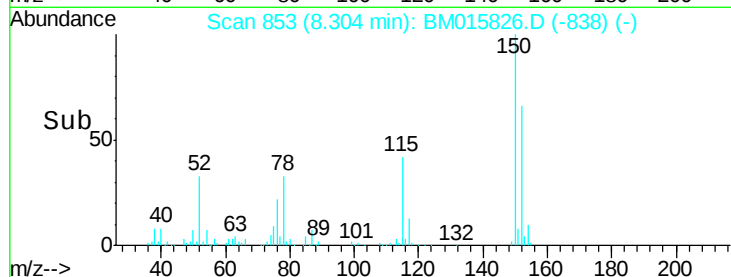
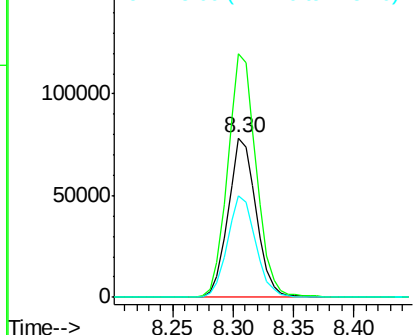
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015826.D
Acq: 07 Jul 2018 06:08

Instrument :
BNA_M
ClientSampleId :
BU-03-070318

Tgt Ion:152 Resp: 126015
Ion Ratio Lower Upper
152 100
150 152.6 119.5 179.3
115 63.7 43.0 64.4



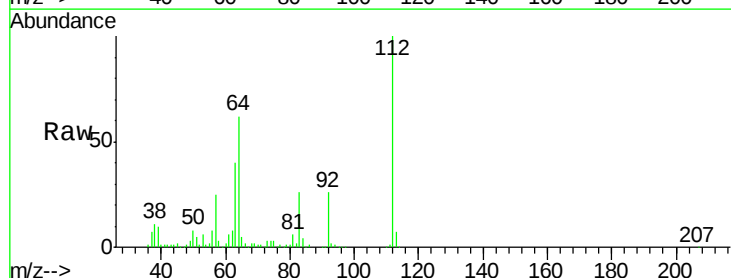
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



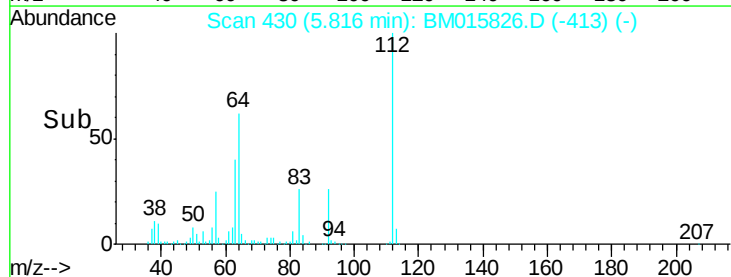
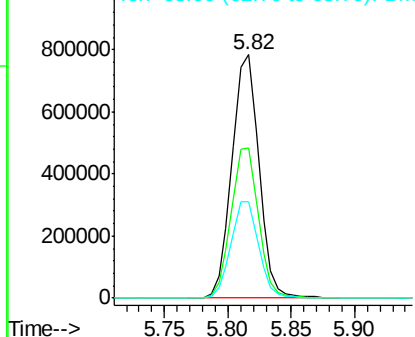
#5

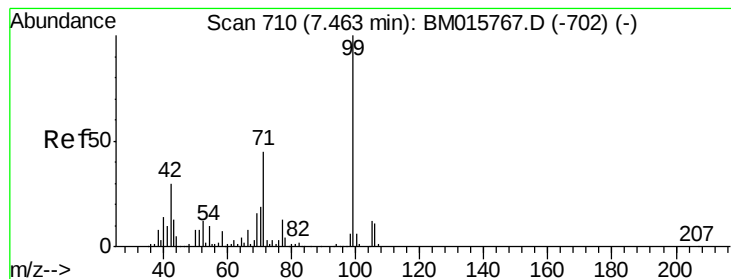
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015826.D
Acq: 07 Jul 2018 06:08

Tgt Ion:112 Resp: 1158161
Ion Ratio Lower Upper
112 100
64 61.8 38.6 57.8#
63 39.6 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: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015826.D

Acq: 07 Jul 2018 06:08

Instrument :

BNA_M

ClientSampleId :

BU-03-070318

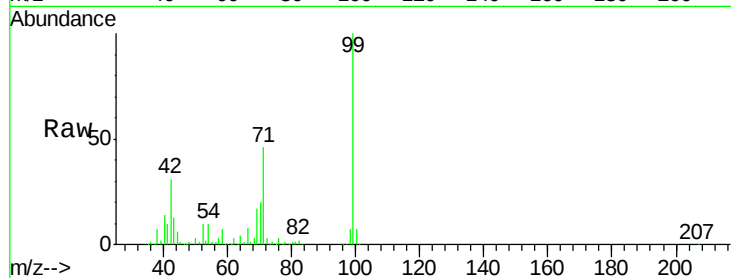
Tgt Ion: 99 Resp: 1301814

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

71 45.8 23.4 35.2#

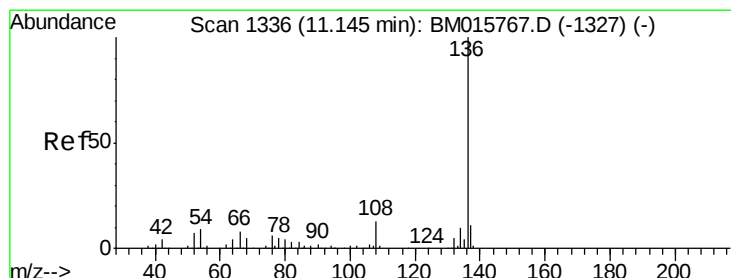
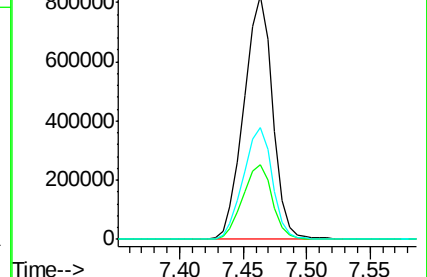
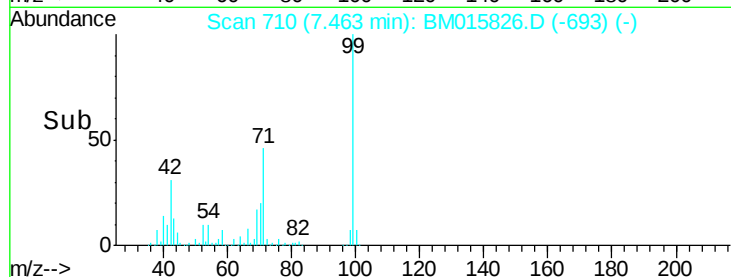


Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM015826.D

Acq: 07 Jul 2018 06:08

Tgt Ion: 136 Resp: 489439

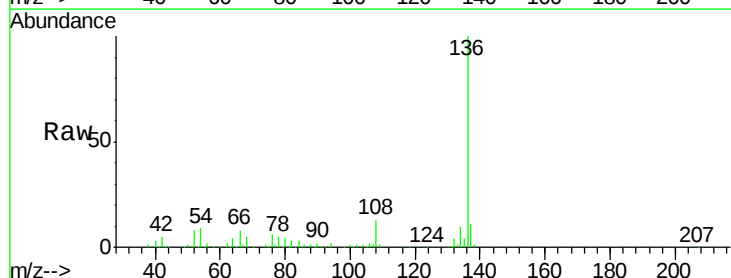
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.2 4.6 6.8#

68 4.8 3.7 5.5



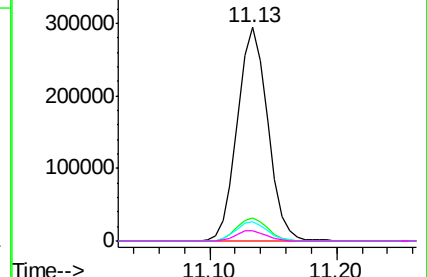
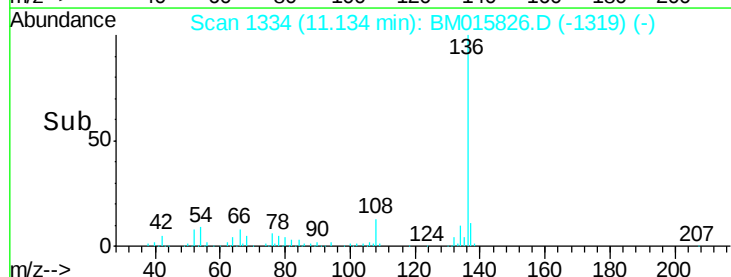
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

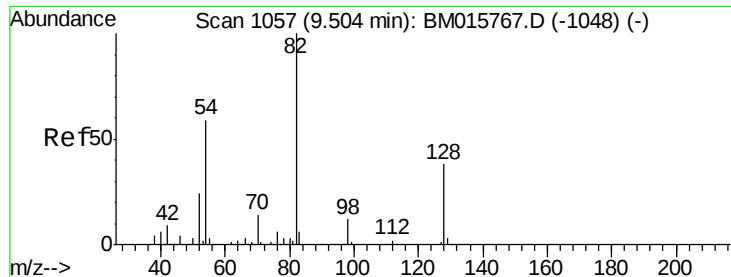
Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

Time-->

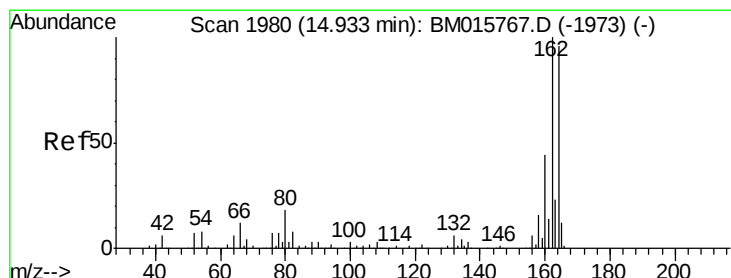
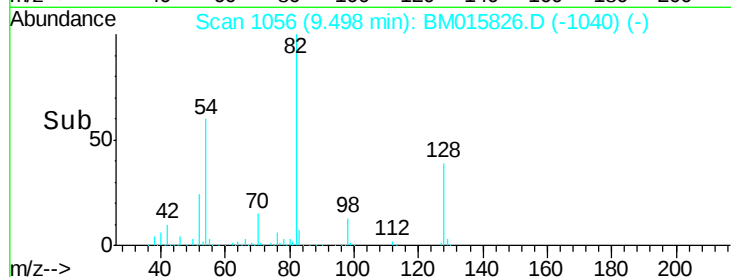
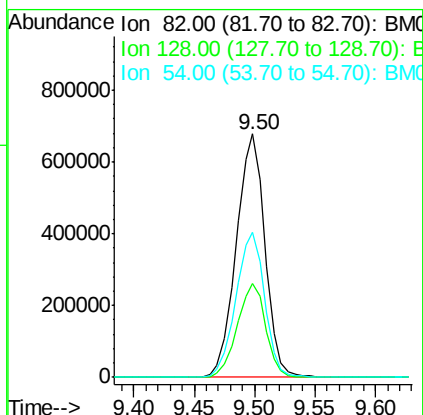
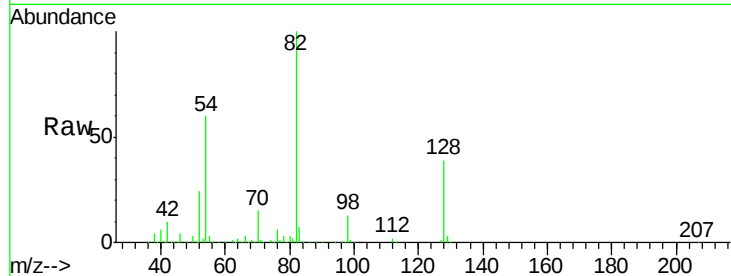




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015826.D
 Acq: 07 Jul 2018 06:08

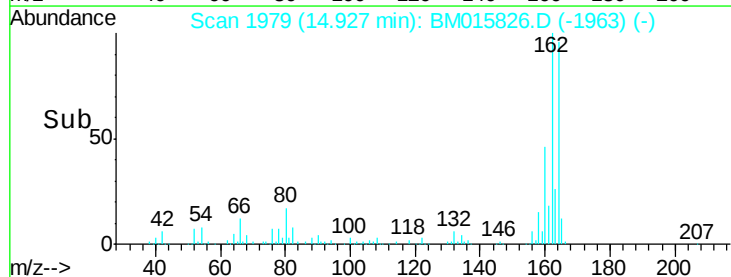
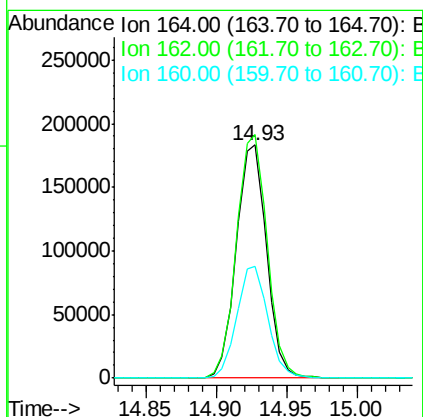
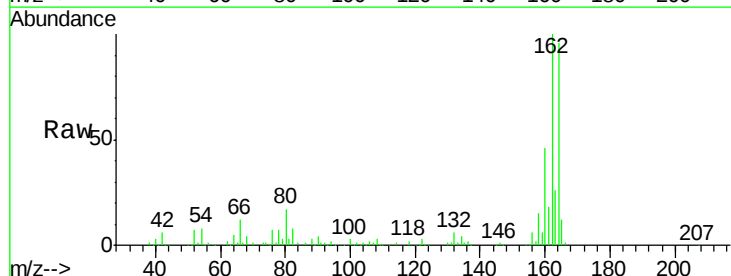
Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318

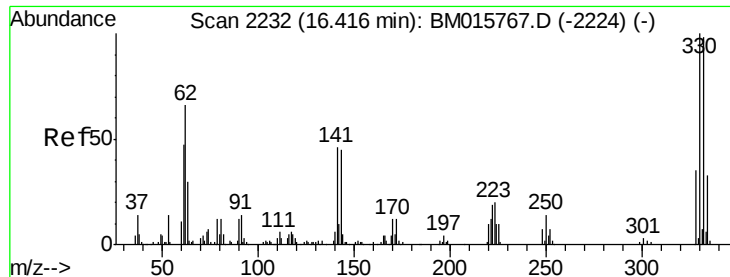
Tgt Ion: 82 Resp: 1122991
 Ion Ratio Lower Upper
 82 100
 128 38.5 32.8 49.2
 54 59.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015826.D
 Acq: 07 Jul 2018 06:08

Tgt Ion: 164 Resp: 274761
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.4 123.6
 160 47.8 35.8 53.6

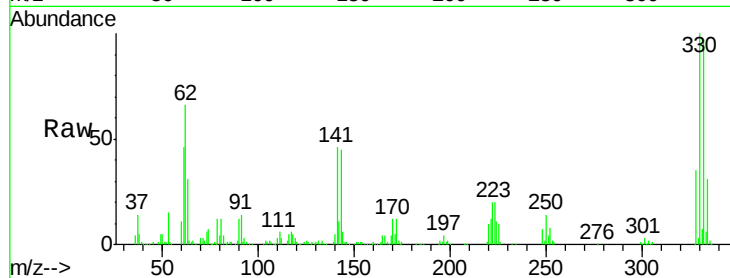




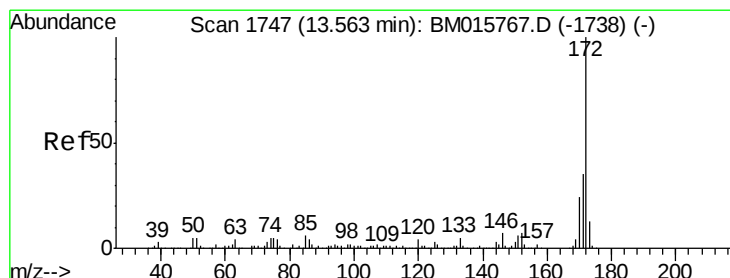
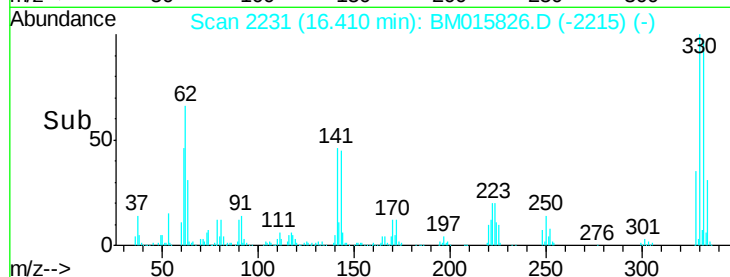
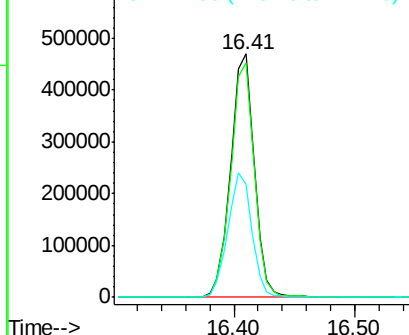
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015826.D
 Acq: 07 Jul 2018 06:08

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-070318

Tgt Ion:330 Resp: 645443
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 52.0 0.0 0.0#

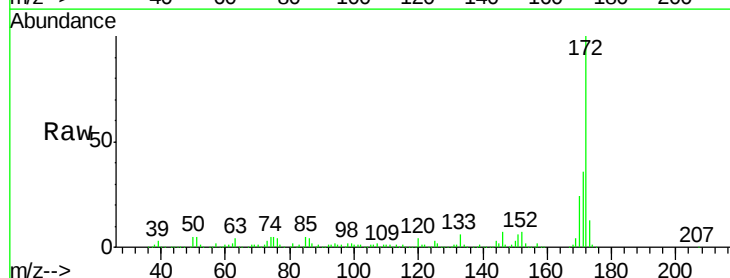


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

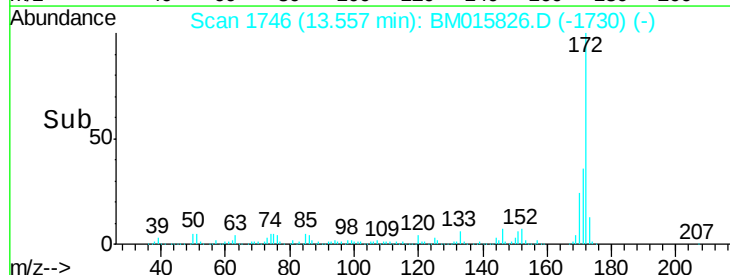
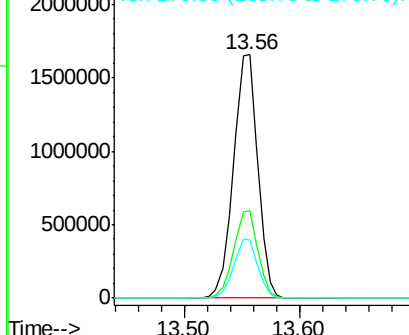


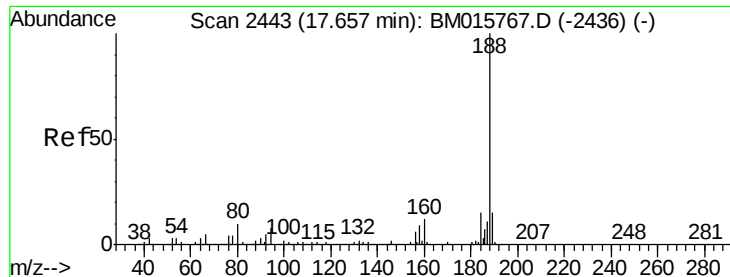
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015826.D
 Acq: 07 Jul 2018 06:08

Tgt Ion:172 Resp: 2424055
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 23.9 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

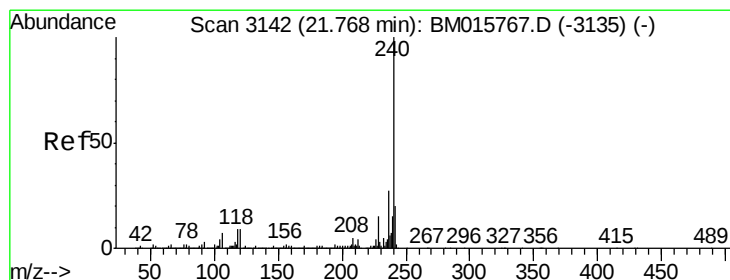
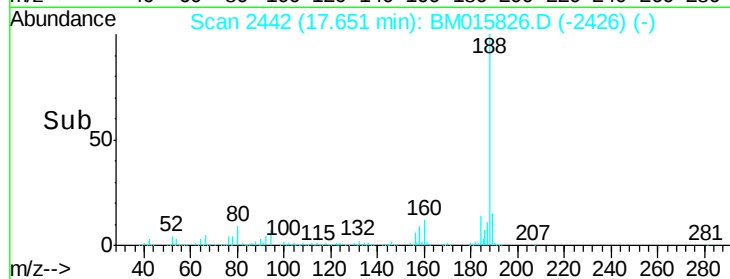
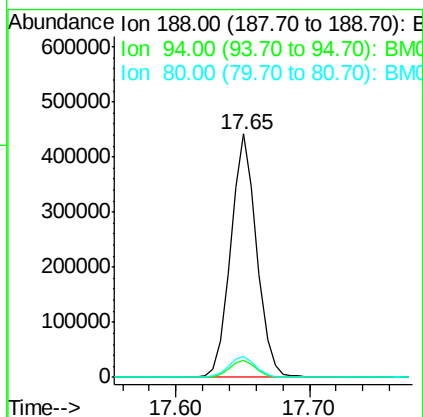
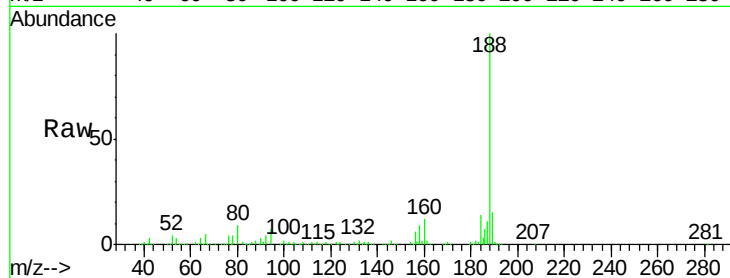




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015826.D
Acq: 07 Jul 2018 06:08

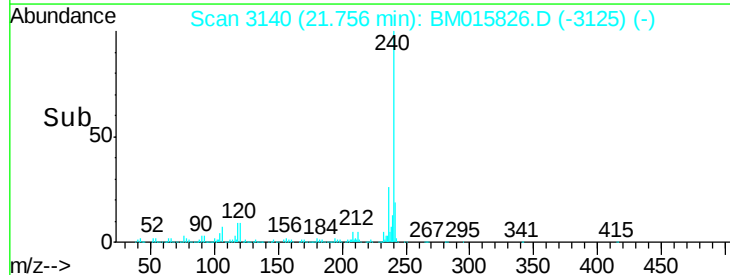
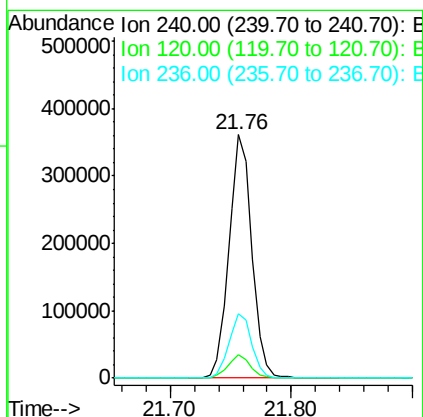
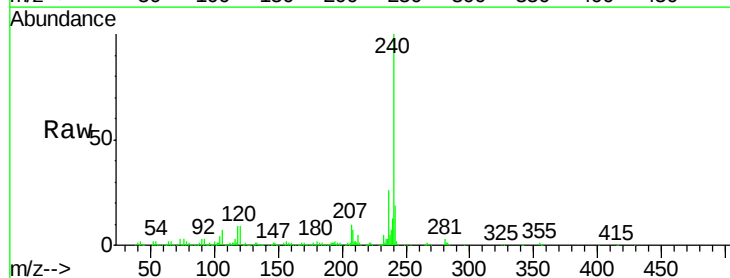
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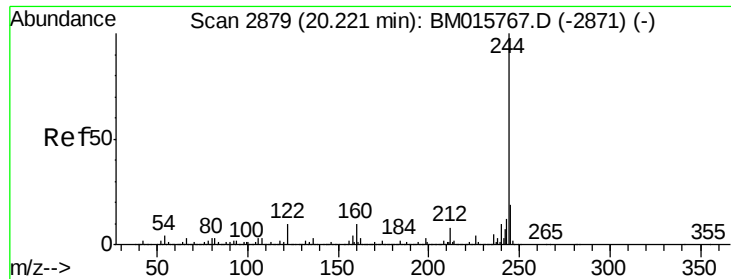
Tgt Ion:188 Resp: 598842
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015826.D
Acq: 07 Jul 2018 06:08

Tgt Ion:240 Resp: 473831
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015826.D

Acq: 07 Jul 2018 06:08

Instrument :

BNA_M

ClientSampleId :

BU-03-070318

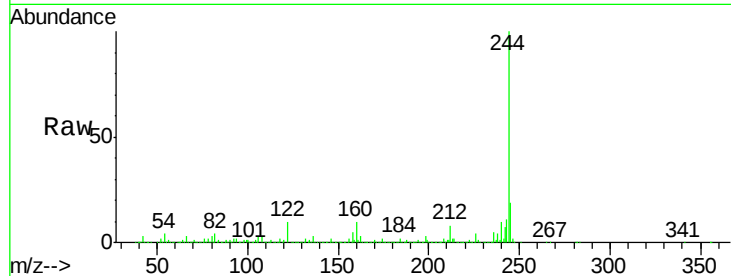
Tgt Ion:244 Resp: 3829517

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

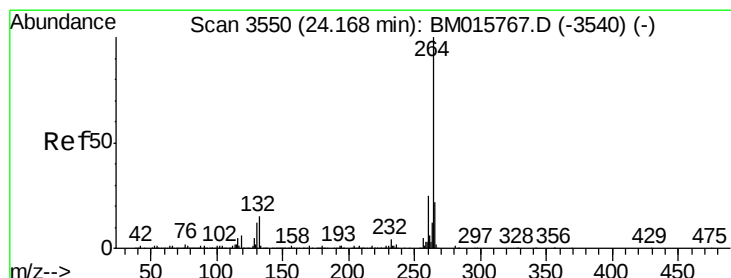
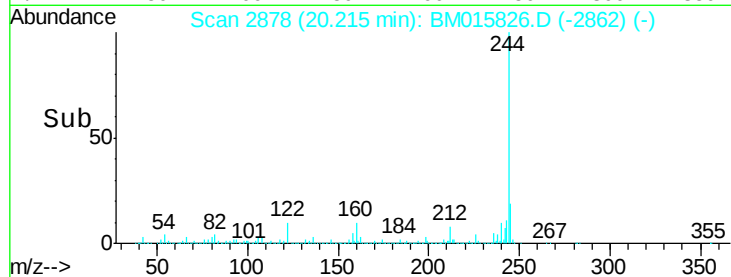
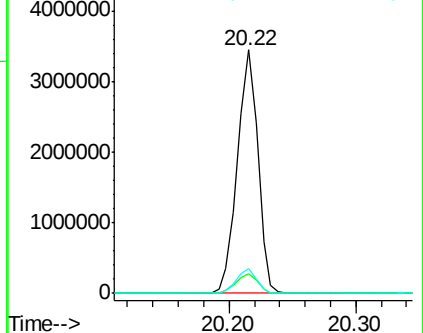
122 10.1 6.2 9.4#



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: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015826.D

Acq: 07 Jul 2018 06:08

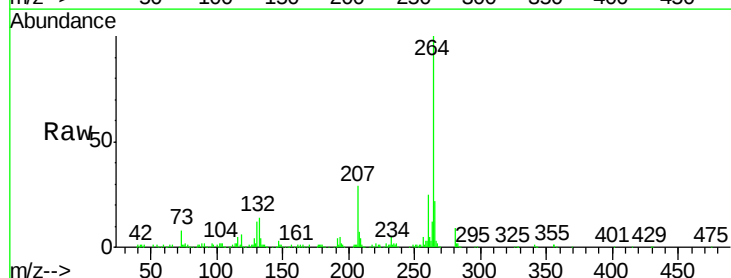
Tgt Ion:264 Resp: 391699

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.4 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

