

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015879.D
 Acq On : 10 Jul 2018 22:01
 Operator : SJ/JU
 Sample : J3914-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SEMH

Quant Time: Jul 11 03:47:37 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	60707	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	249690	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	143234	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	362837	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	351627	20.00	ng	-0.02
86) Perylene-d12	24.15	264	156753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	485460	137.14	ng	-0.02
7) Phenol-d6	7.45	99	580650	119.82	ng	-0.02
23) Nitrobenzene-d5	9.48	82	484291	94.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	303292	162.05	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	985327	85.40	ng	-0.02
78) Terphenyl-d14	20.20	244	2227576	117.51	ng	-0.02

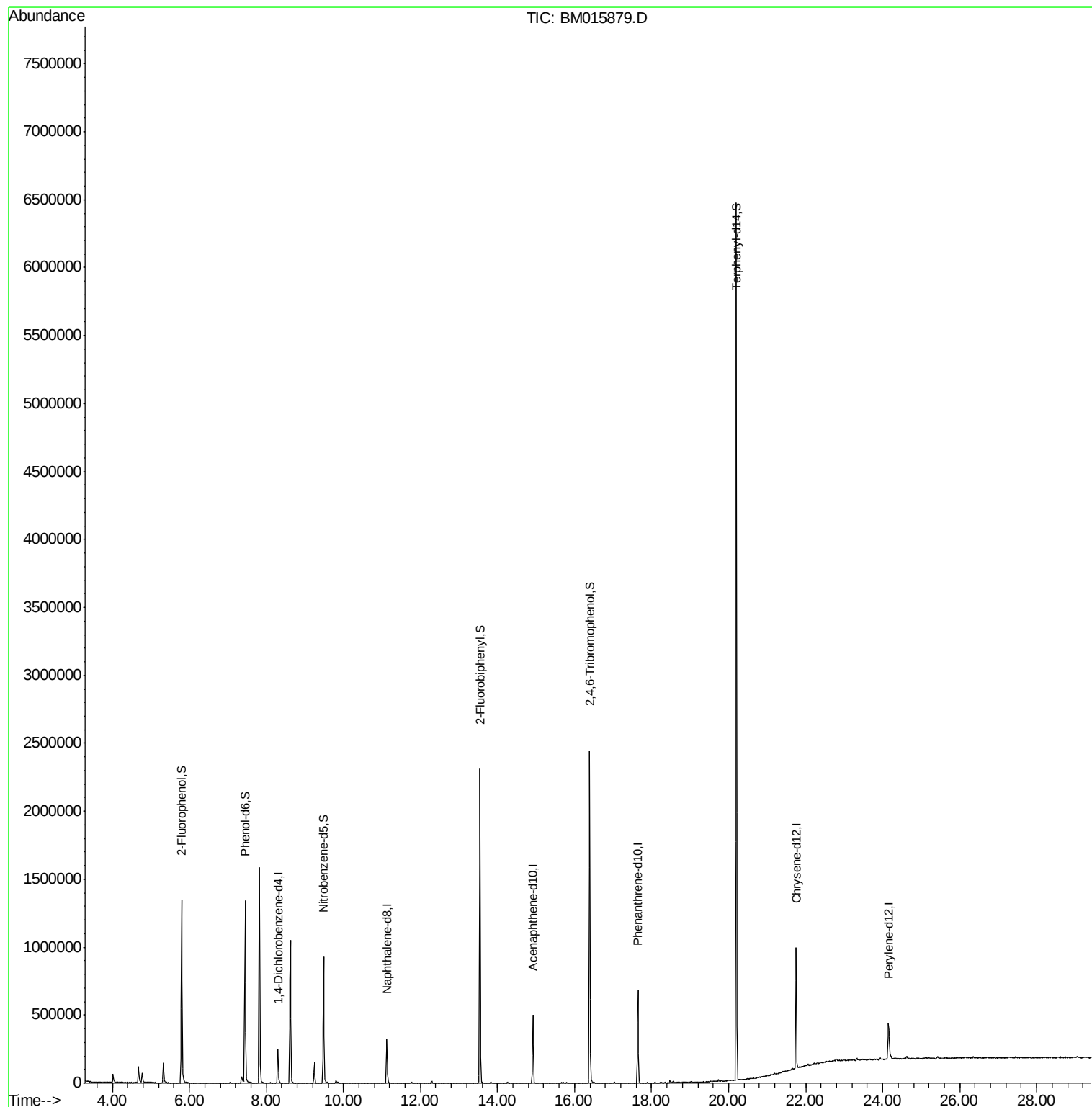
Target Compounds Qvalue

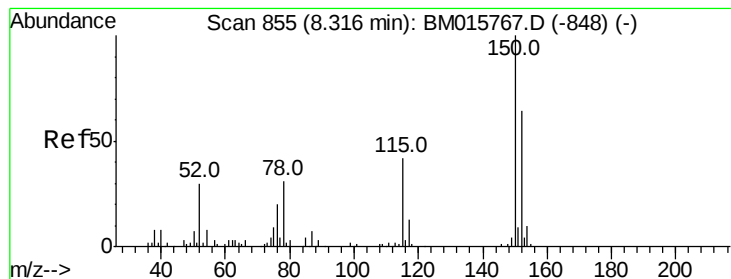
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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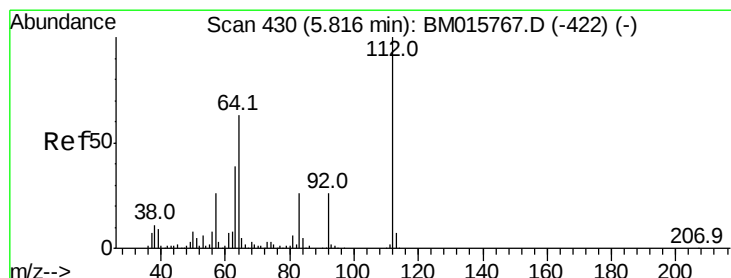
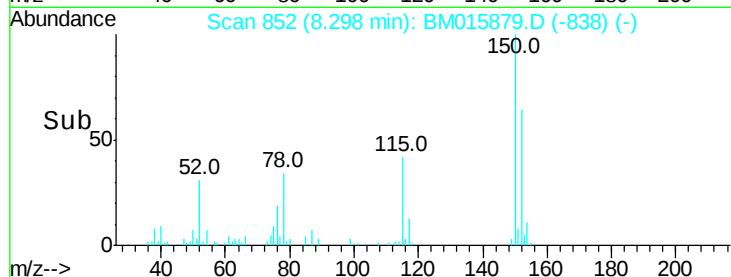
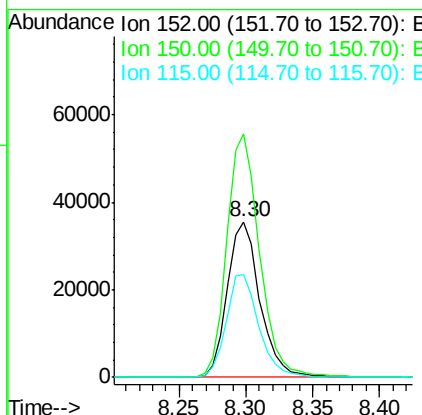
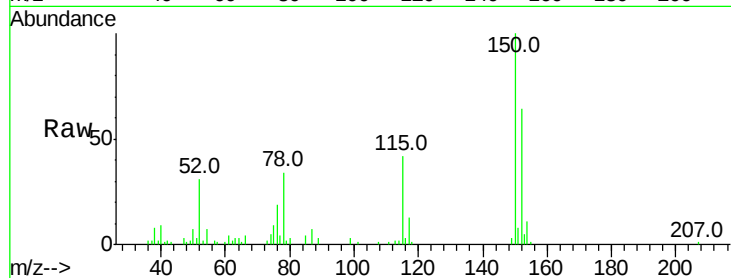


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

Instrument :
BNA_M
ClientSampleId :
SEMH

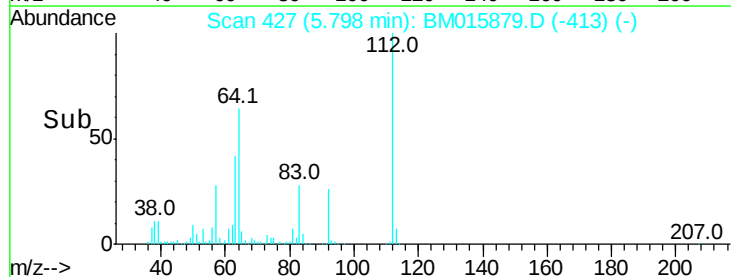
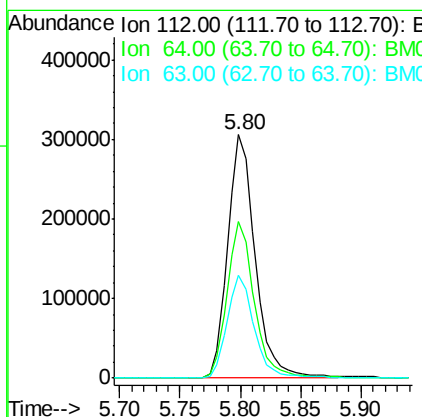
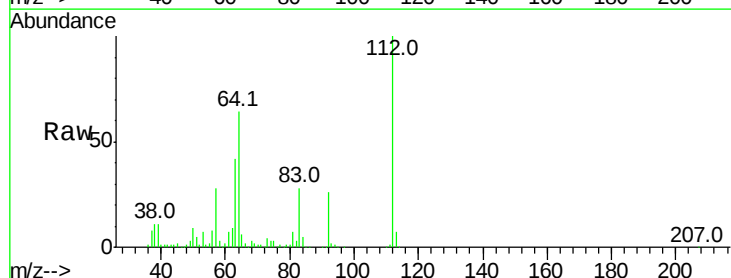
Tot Ion:152 Resp: 60707
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 66.4 43.0 64.4#

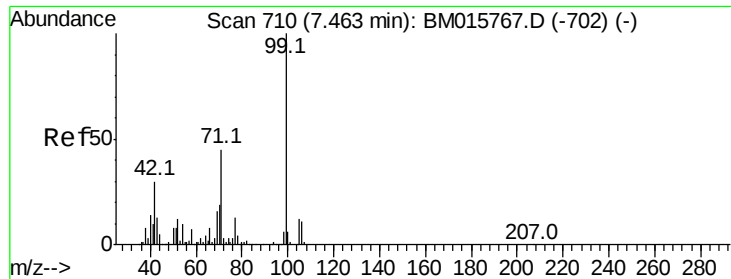


#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

Tgt Ion:112 Resp: 485460
Ion Ratio Lower Upper
112 100
64 64.2 38.6 57.8#
63 42.4 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015879.D

Acq: 10 Jul 2018 22:01

Instrument :

BNA_M

ClientSampleId :

SEMH

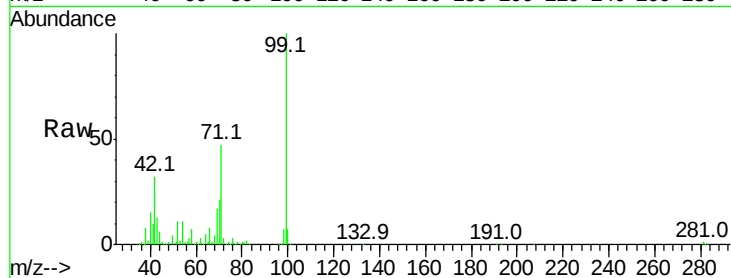
Tot Ion: 99 Resp: 580650

Ion Ratio Lower Upper

99 100

42 32.2 11.0 16.4#

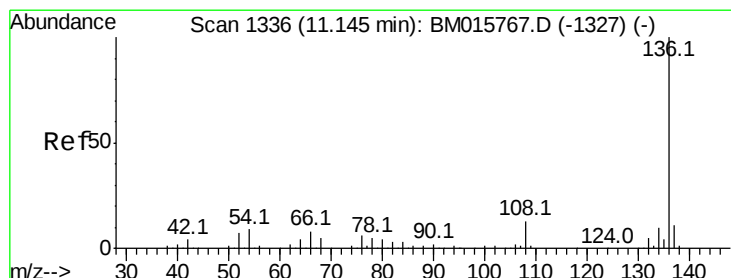
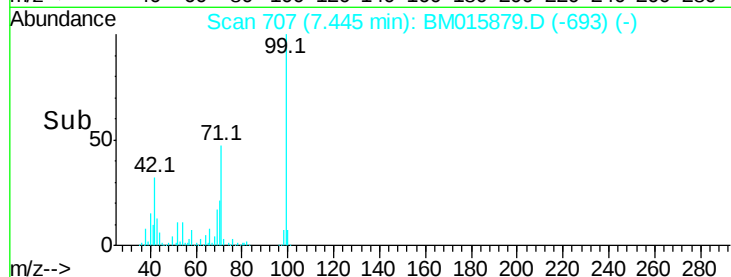
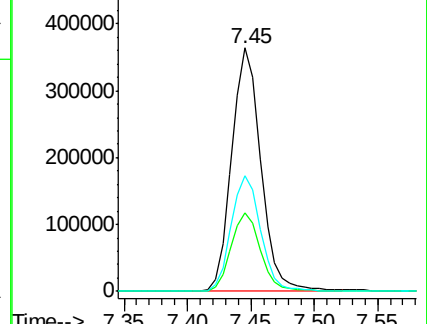
71 47.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015879.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015879.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015879.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015879.D

Acq: 10 Jul 2018 22:01

Tgt Ion: 136 Resp: 249690

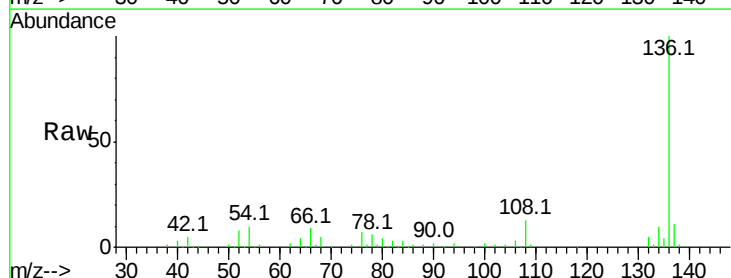
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.6 4.6 6.8#

68 4.8 3.7 5.5

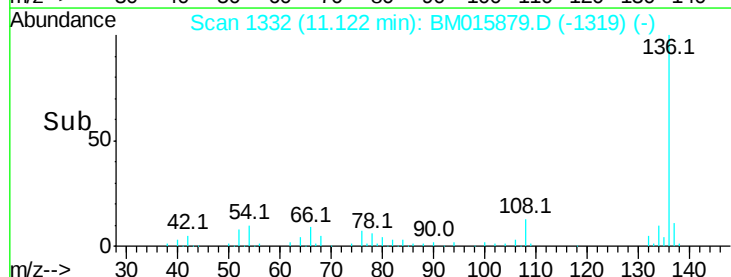
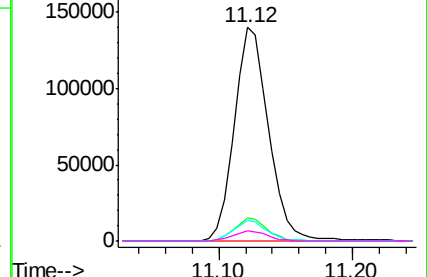


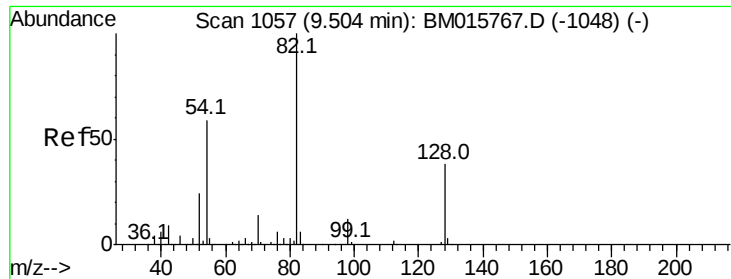
Abundance Ion 136.00 (135.70 to 136.70): BM015879.D (-1319) (-)

Ion 137.00 (136.70 to 137.70): BM015879.D (-1319) (-)

Ion 54.00 (53.70 to 54.70): BM015879.D (-1319) (-)

Ion 68.00 (67.70 to 68.70): BM015879.D (-1319) (-)

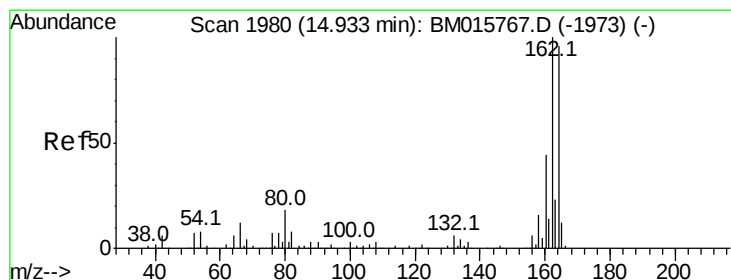
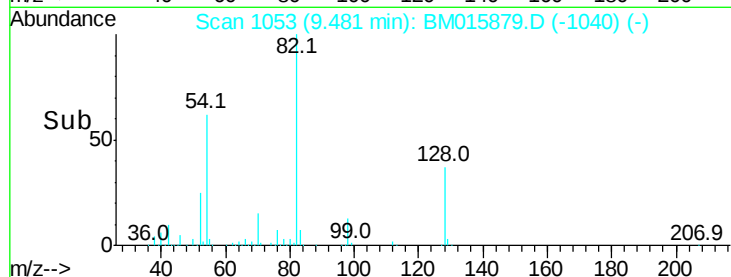
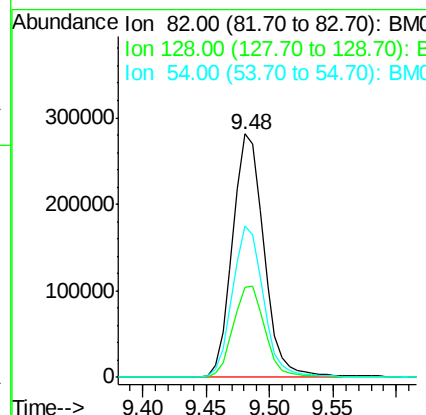
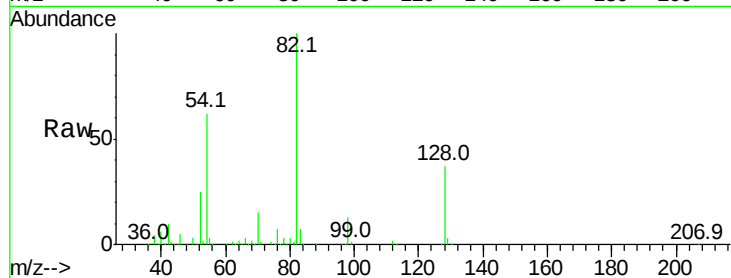




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

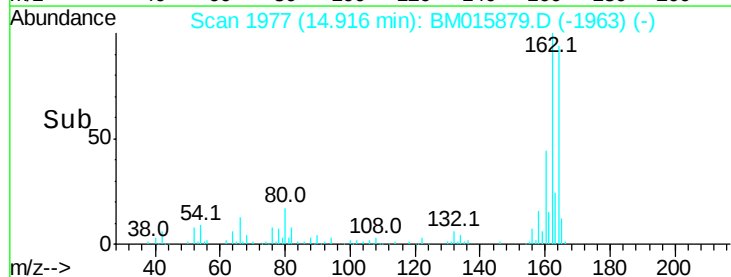
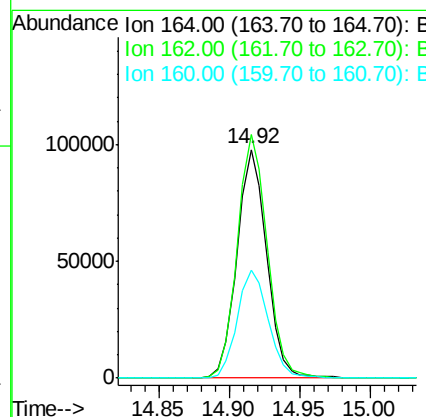
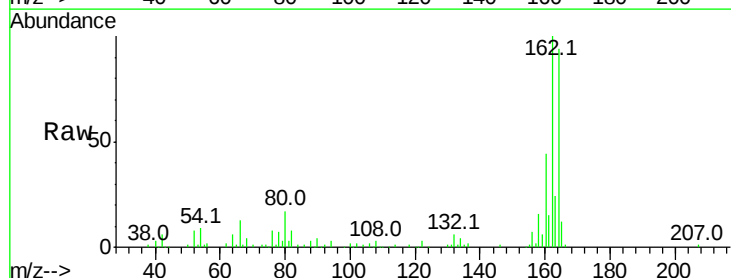
Instrument :
BNA_M
ClientSampleId :
SEMH

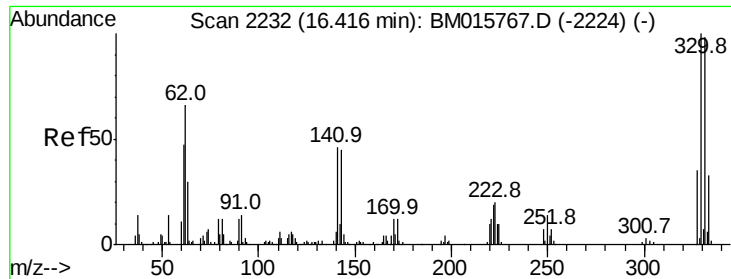
Tot Ion: 82 Resp: 484291
Ion Ratio Lower Upper
82 100
128 37.0 32.8 49.2
54 62.1 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

Tgt Ion:164 Resp: 143234
Ion Ratio Lower Upper
164 100
162 106.6 82.4 123.6
160 47.2 35.8 53.6

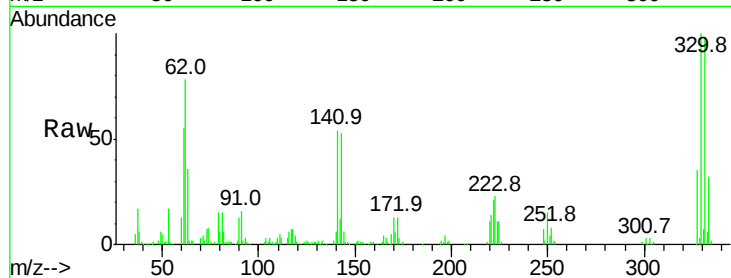




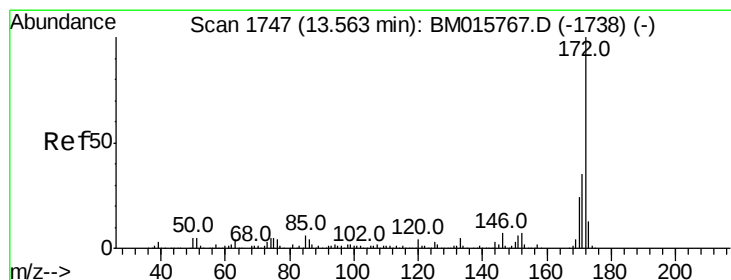
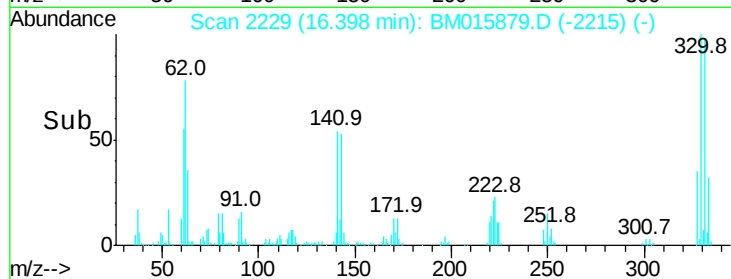
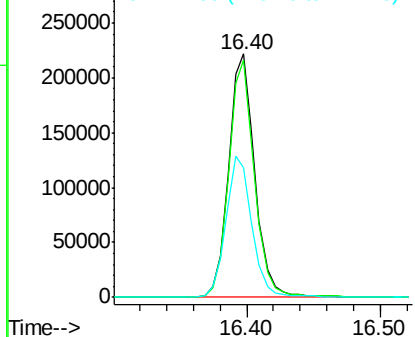
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015879.D
 Acq: 10 Jul 2018 22:01

Instrument :
 BNA_M
 ClientSampled :
 SEMH

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	58.3	0.0	0.0#

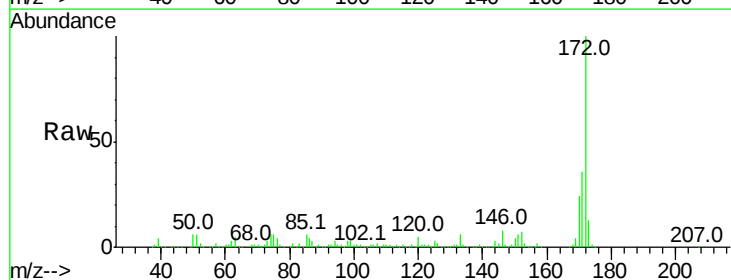


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

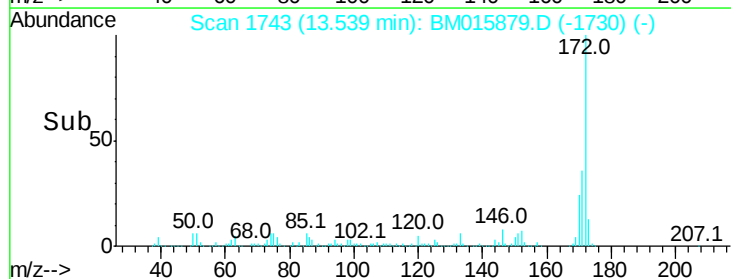
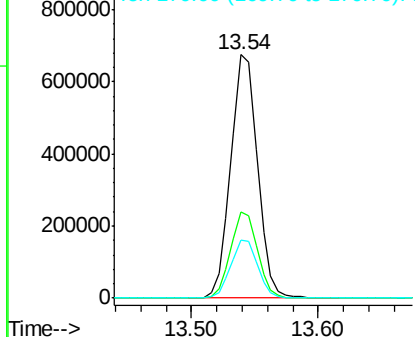


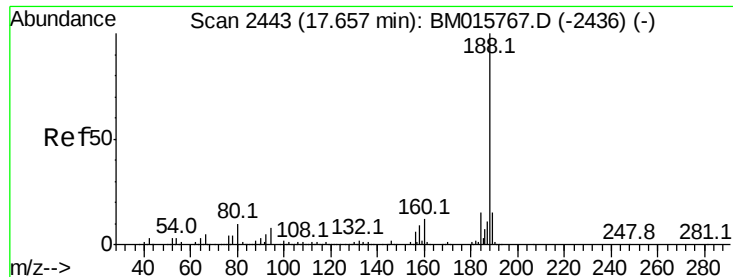
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BM015879.D
 Acq: 10 Jul 2018 22:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

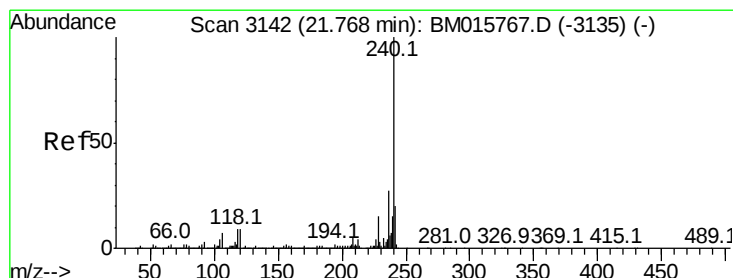
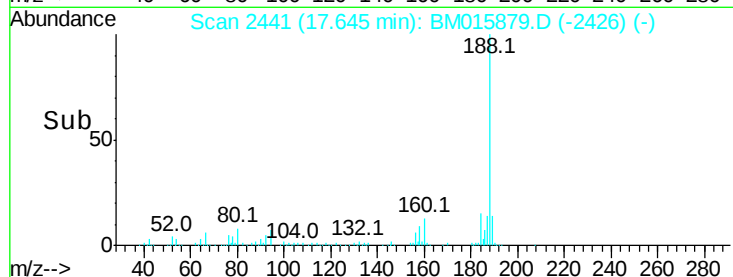
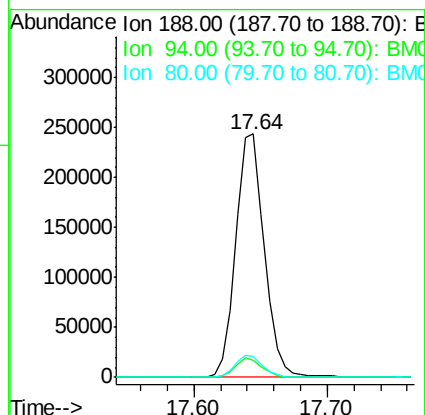
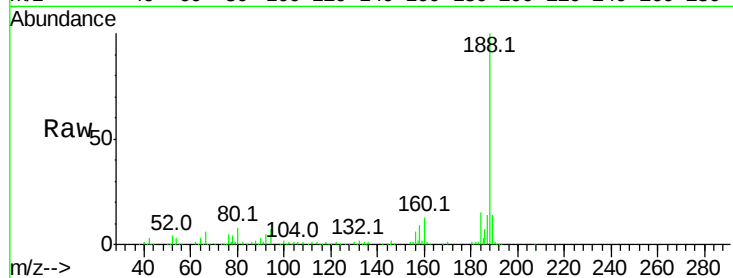




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

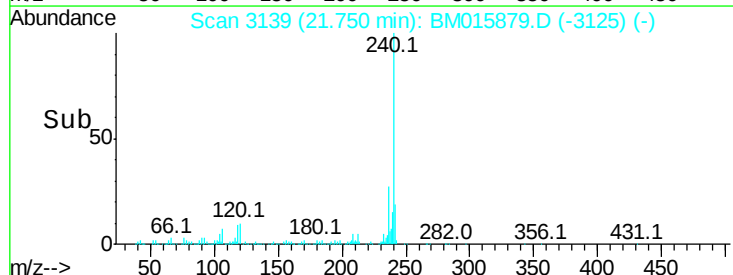
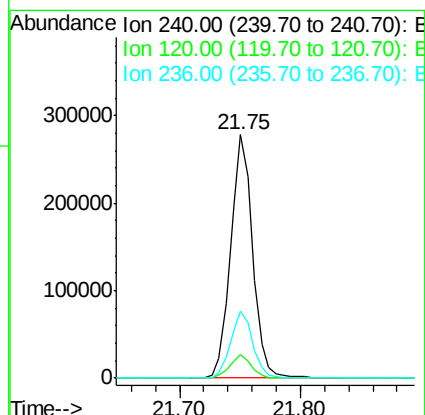
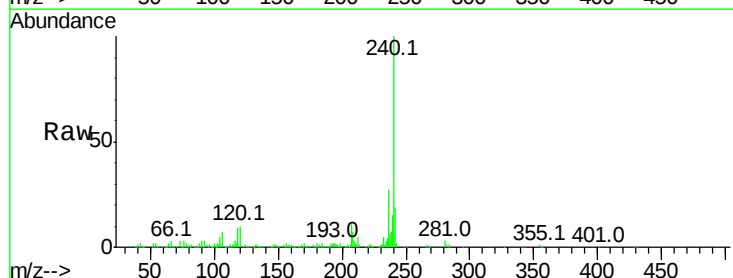
Instrument :
BNA_M
ClientSampleId :
SEMH

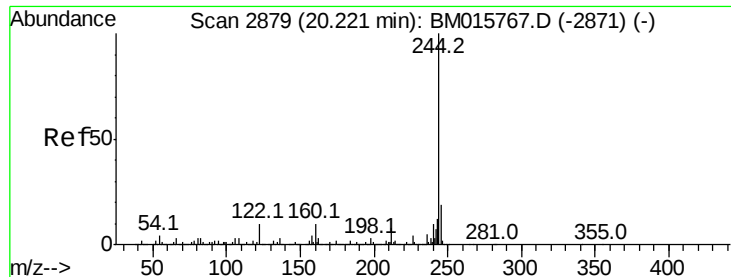
Tot Ion:188 Resp: 362837
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015879.D
Acq: 10 Jul 2018 22:01

Tgt Ion:240 Resp: 351627
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.20 min Scan# 2876

Delta R.T. -0.02 min

Lab File: BM015879.D

Acq: 10 Jul 2018 22:01

Instrument :

BNA_M

ClientSampled :

SEMH

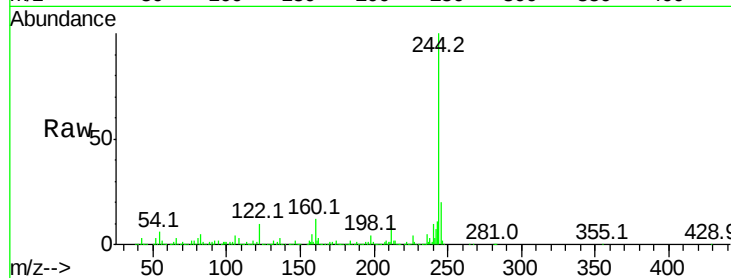
Tot Ion:244 Resp: 2227576

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

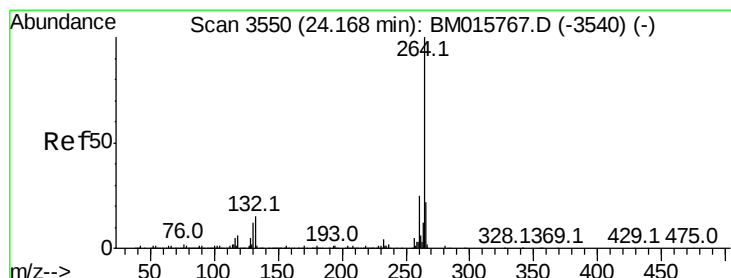
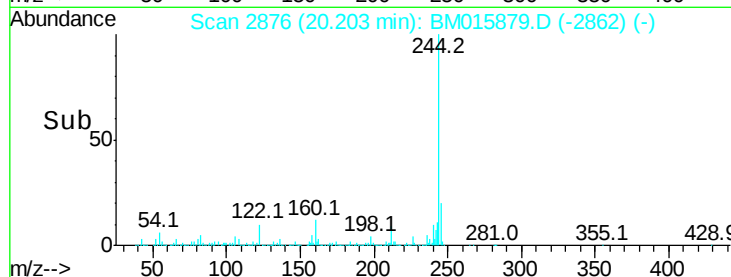
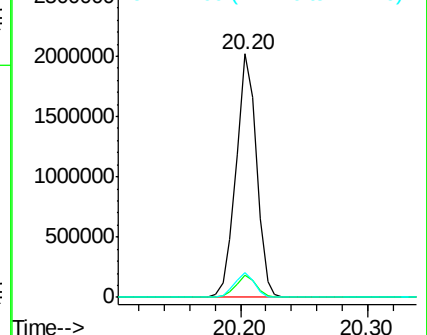
122 10.3 6.2 9.4#



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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015879.D

Acq: 10 Jul 2018 22:01

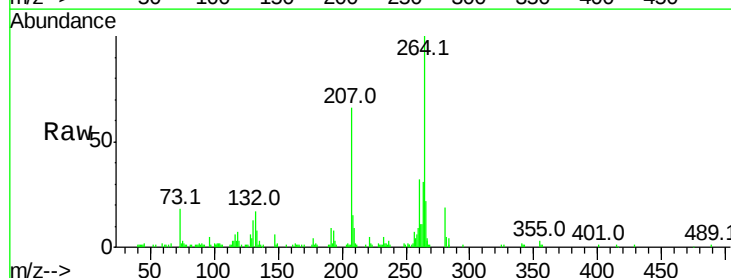
Tgt Ion:264 Resp: 156753

Ion Ratio Lower Upper

264 100

260 31.6 18.6 27.8#

265 22.5 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

