

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
 Data File : BM015847.D
 Acq On : 09 Jul 2018 17:36
 Operator : SJ/JU
 Sample : J3887-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-SRE

Quant Time: Jul 10 01:35:23 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

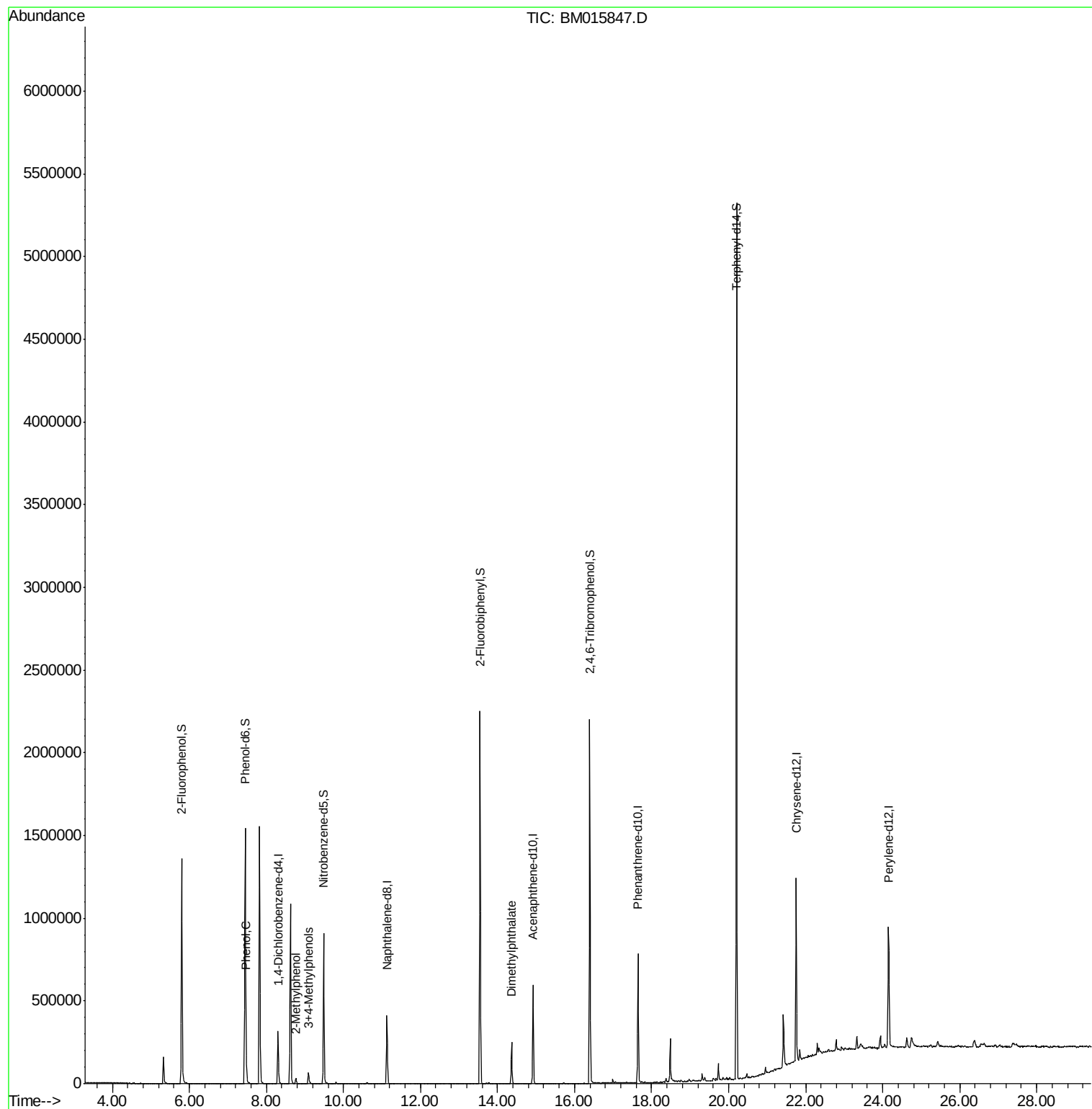
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	74879	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	306810	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	171487	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	404752	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	488023	20.00	ng	-0.01
86) Perylene-d12	24.15	264	503208	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	493495	113.03	ng	-0.01
7) Phenol-d6	7.45	99	671275	112.30	ng	-0.01
23) Nitrobenzene-d5	9.49	82	465419	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	269047	120.07	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	947584	68.60	ng	-0.02
78) Terphenyl-d14	20.21	244	1920921	73.01	ng	-0.01
Target Compounds						
10) Phenol	7.47	94	63230	10.528	ng	99
17) 2-Methylphenol	8.76	107	9736	2.340	ng	# 84
20) 3+4-Methylphenols	9.09	107	26623	4.606	ng	90
49) Dimethylphthalate	14.37	163	144820	9.576	ng	99

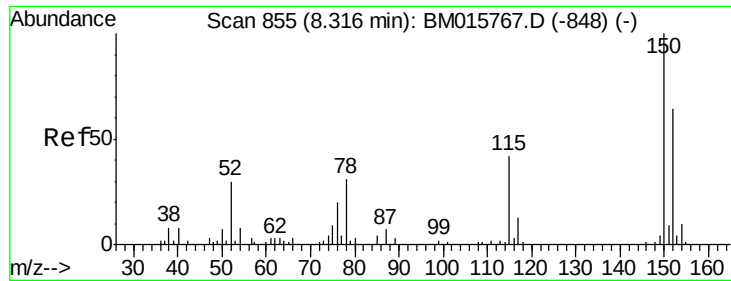
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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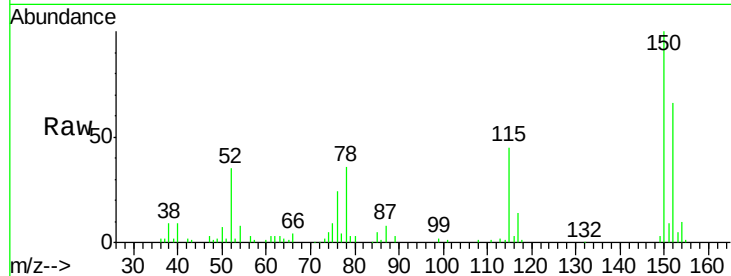


#1

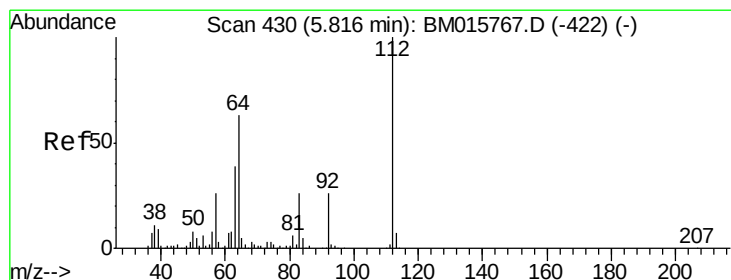
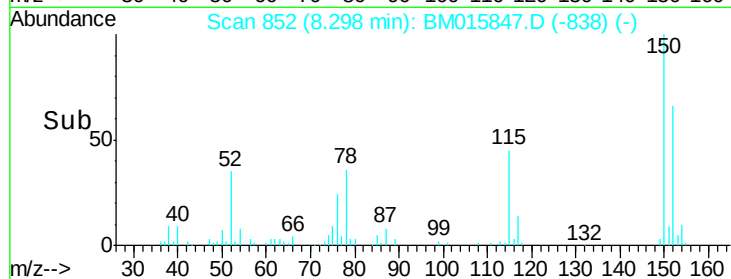
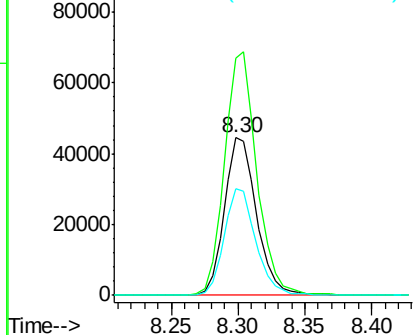
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

Tgt Ion:152 Resp: 74879
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 67.7 43.0 64.4#



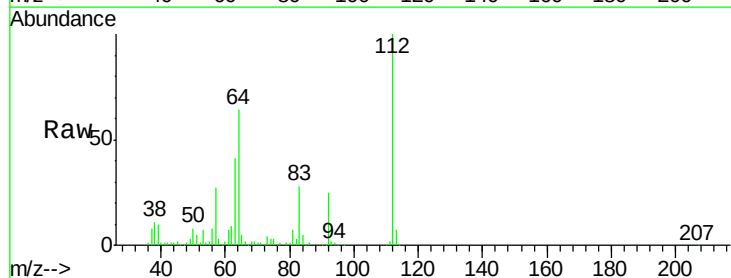
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



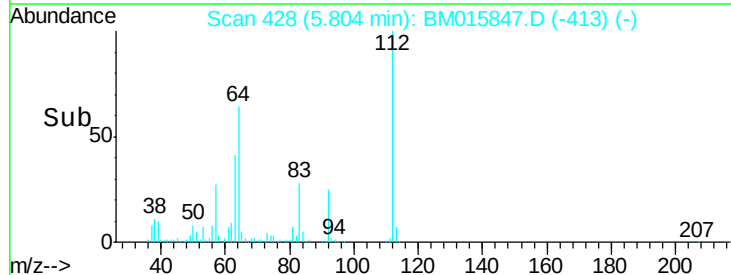
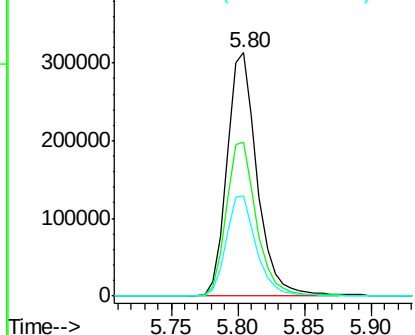
#5

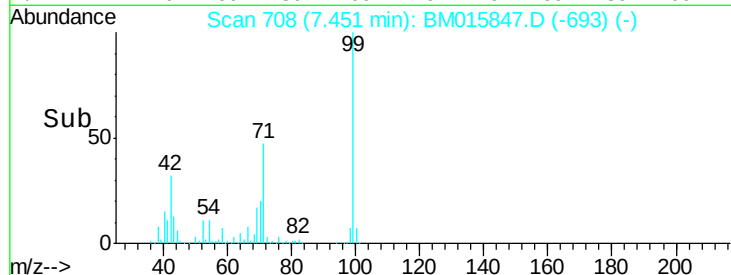
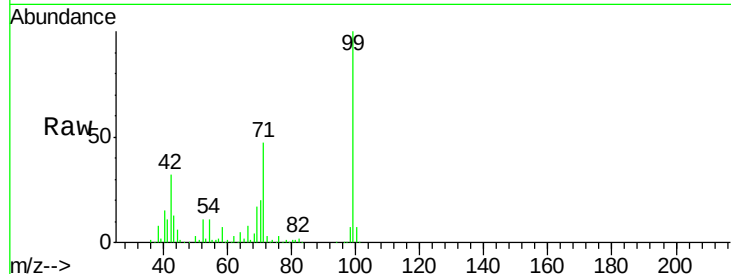
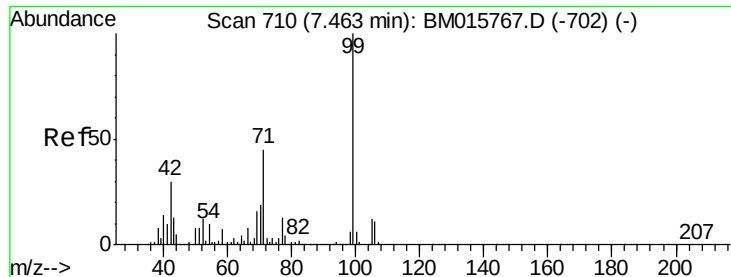
2-Fluorophenol
Concen: N.D. ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion:112 Resp: 493495
Ion Ratio Lower Upper
112 100
64 63.5 38.6 57.8#
63 41.1 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

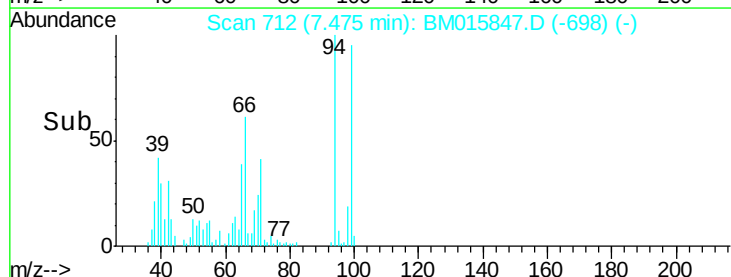
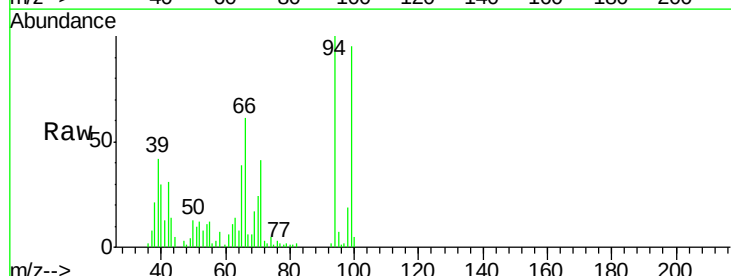
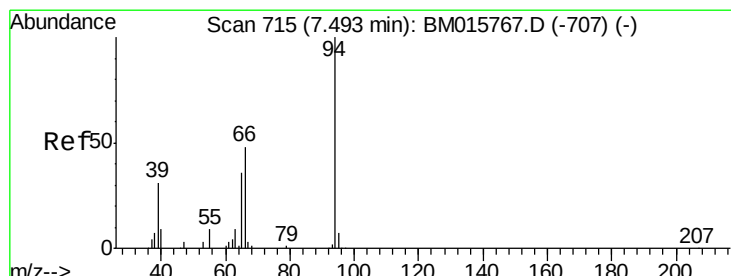
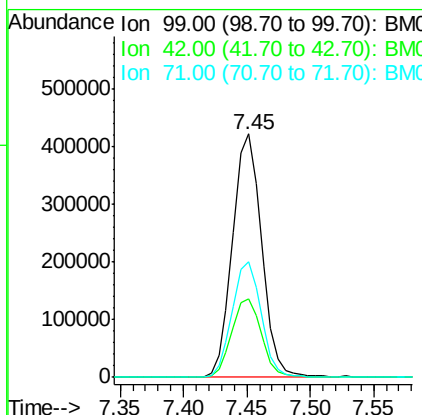




#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

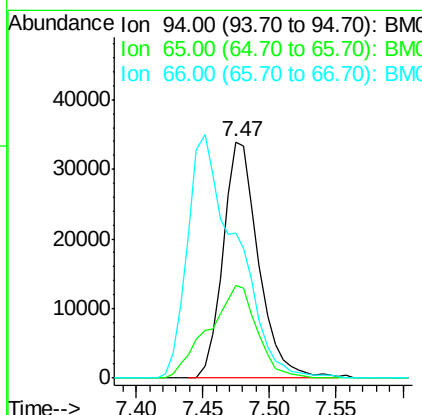
Instrument :
BNA_M
ClientSampled :
TP-8-SRE

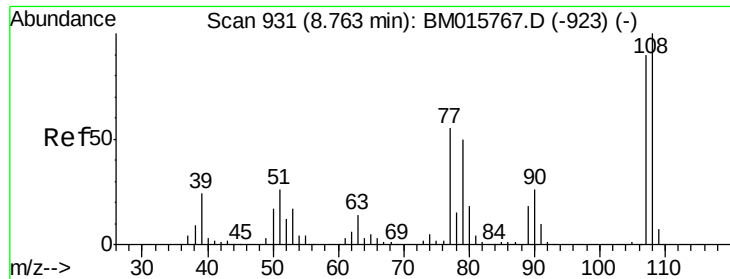
Tgt Ion: 99 Resp: 671275
Ion Ratio Lower Upper
99 100
42 32.0 11.0 16.4#
71 47.5 23.4 35.2#



#10
Phenol
Concen: 10.528 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion: 94 Resp: 63230
Ion Ratio Lower Upper
94 100
65 39.3 18.8 58.8
66 61.2 39.9 79.9

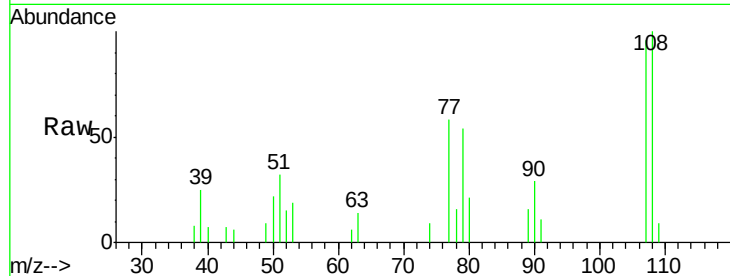




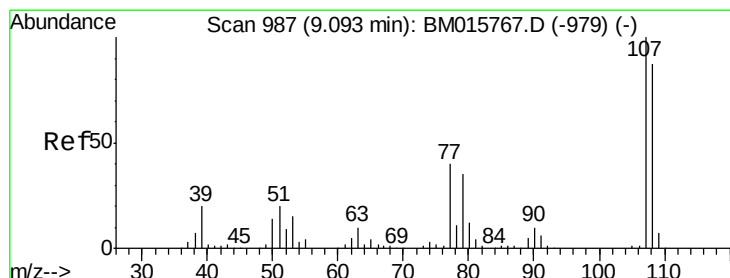
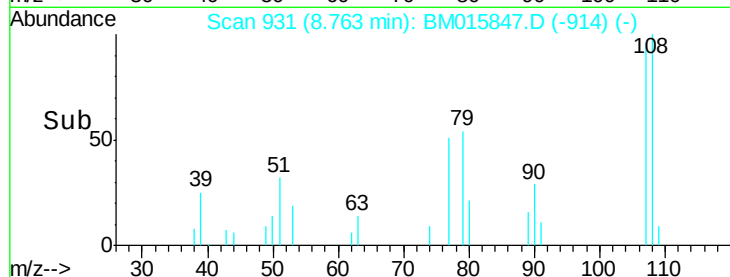
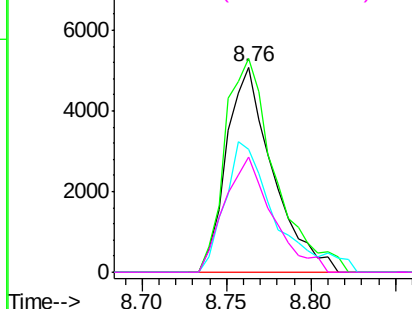
#17
2-Methylphenol
Concen: 2.340 ng
RT: 8.76 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

Tgt Ion:107 Resp: 9736
Ion Ratio Lower Upper
107 100
108 104.2 89.8 134.8
77 60.2 32.6 48.8#
79 56.0 32.8 49.2#

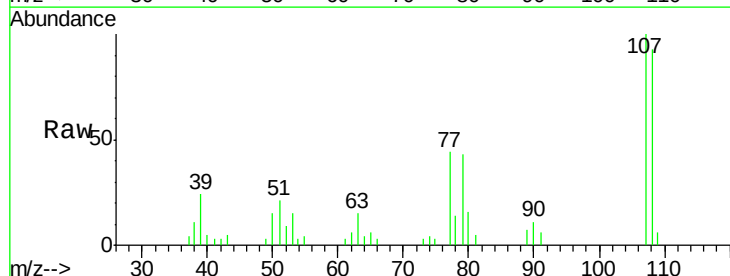


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

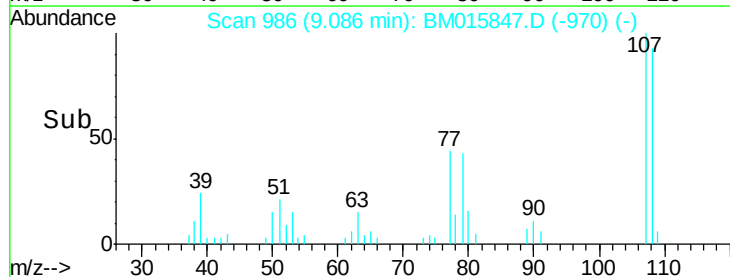
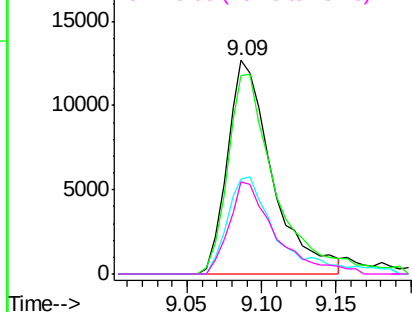


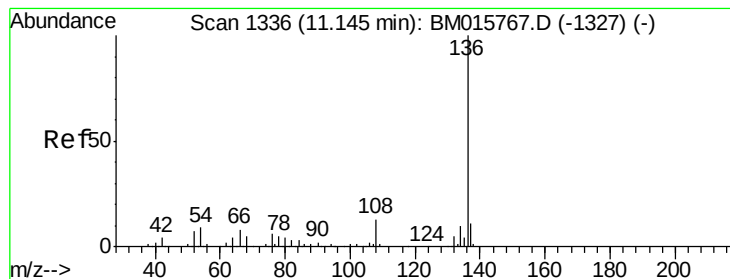
#20
3+4-Methylphenols
Concen: 4.606 ng
RT: 9.09 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion:107 Resp: 26623
Ion Ratio Lower Upper
107 100
108 93.0 73.2 113.2
77 44.1 10.7 50.7
79 43.4 9.6 49.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

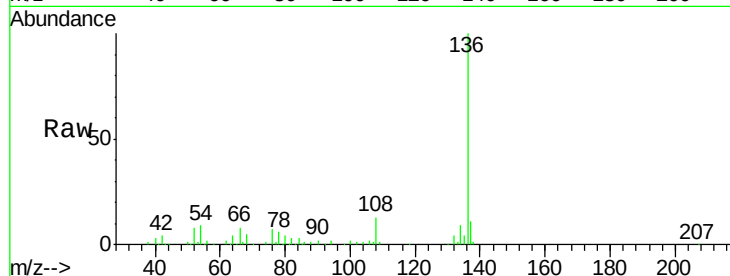




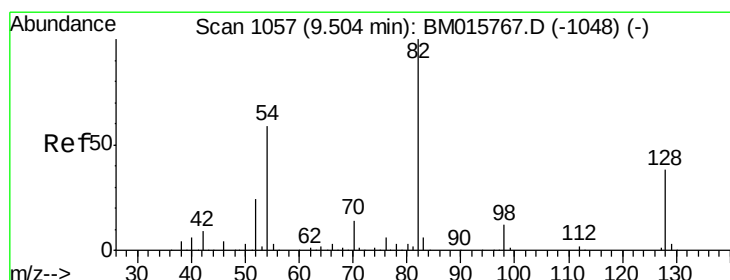
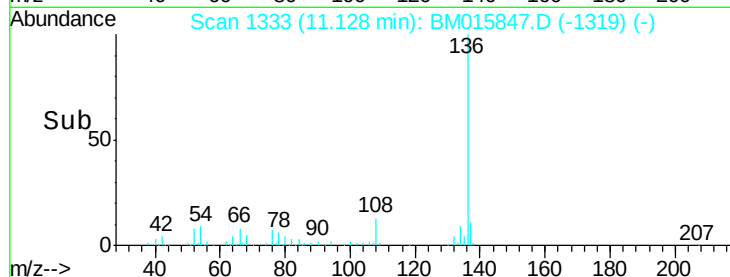
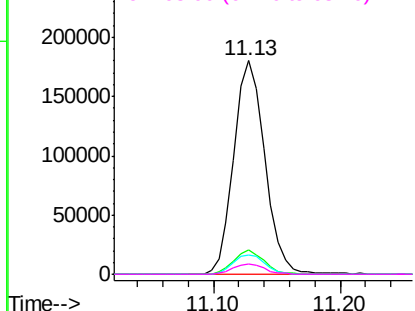
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampled :
TP-8-SRE

Tgt Ion: 136 Resp: 306810
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.1 4.6 6.8#
68 4.6 3.7 5.5

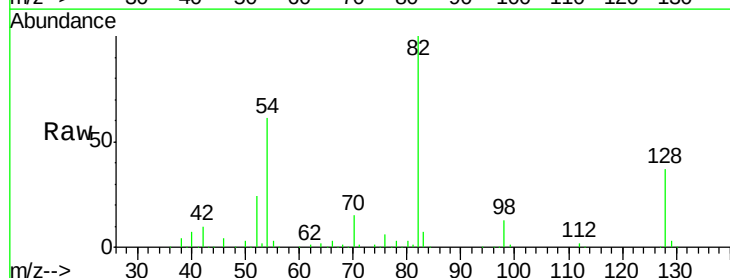


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

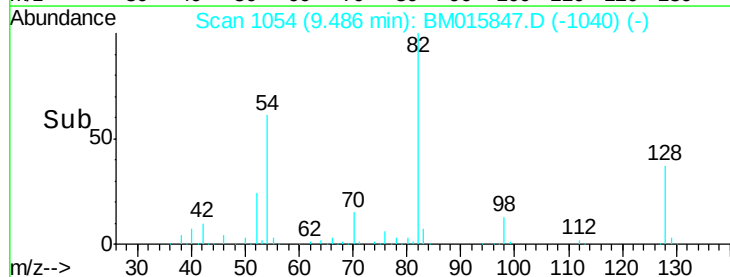
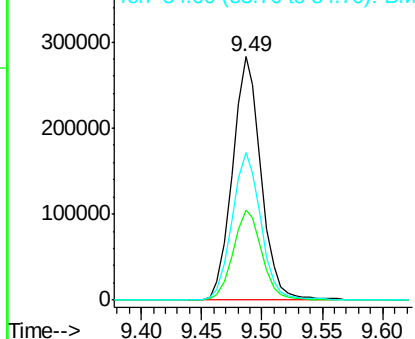


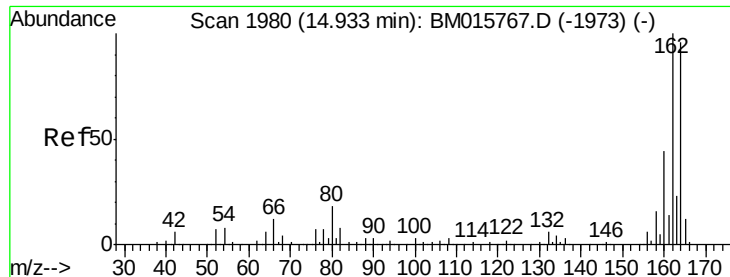
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion: 82 Resp: 465419
Ion Ratio Lower Upper
82 100
128 36.7 32.8 49.2
54 60.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM015847.D

Acq: 09 Jul 2018 17:36

Instrument :

BNA_M

ClientSampleId :

TP-8-SRE

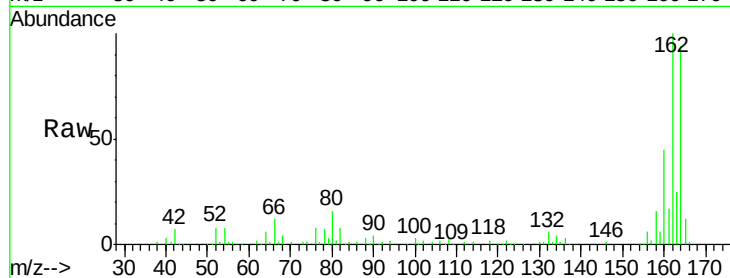
Tgt Ion:164 Resp: 171487

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

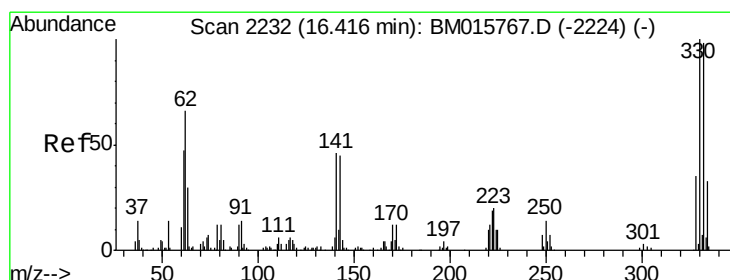
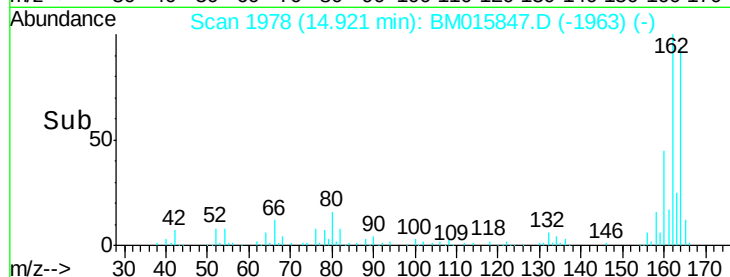
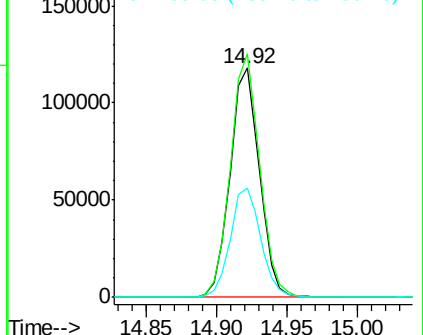
160 47.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.40 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BM015847.D

Acq: 09 Jul 2018 17:36

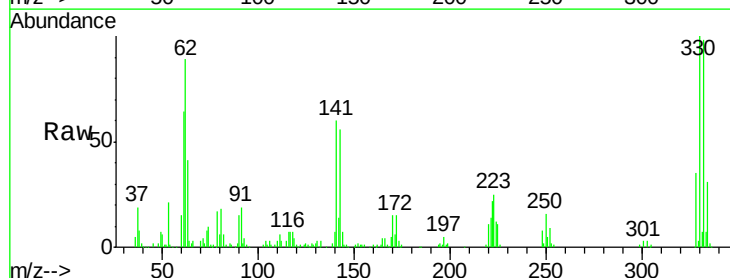
Tgt Ion:330 Resp: 269047

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

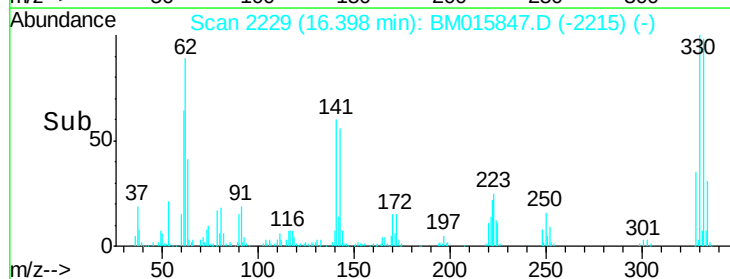
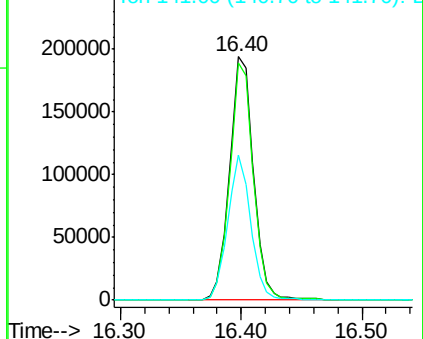
141 57.5 0.0 0.0#

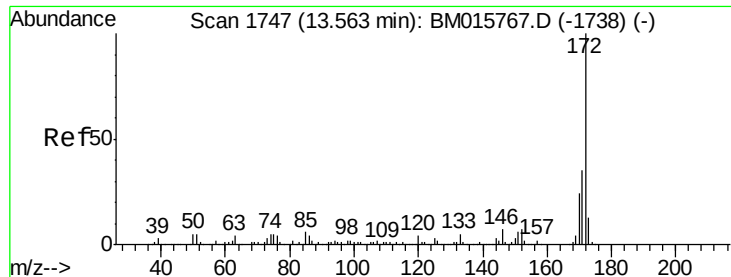


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

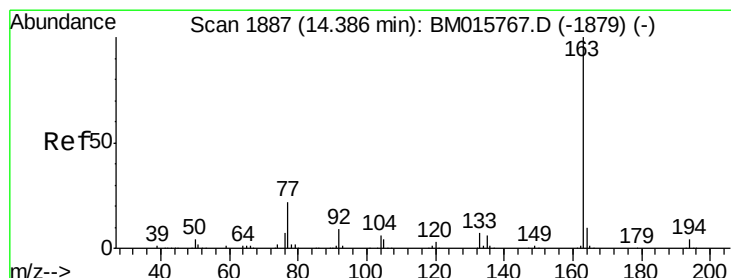
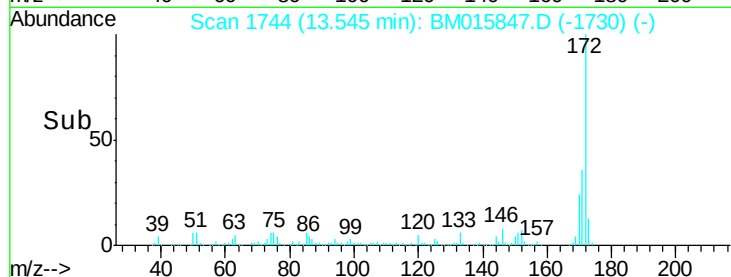
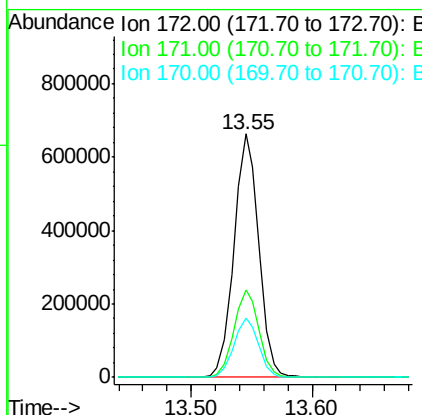
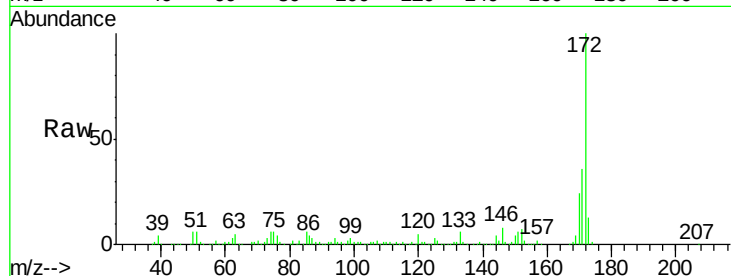




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

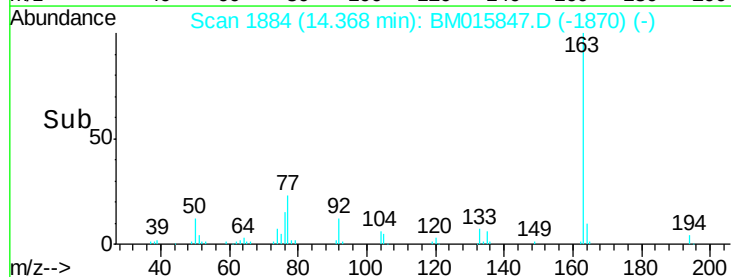
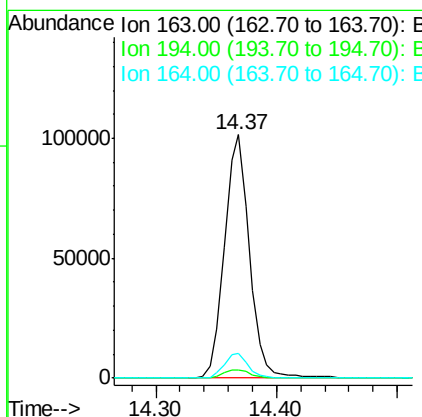
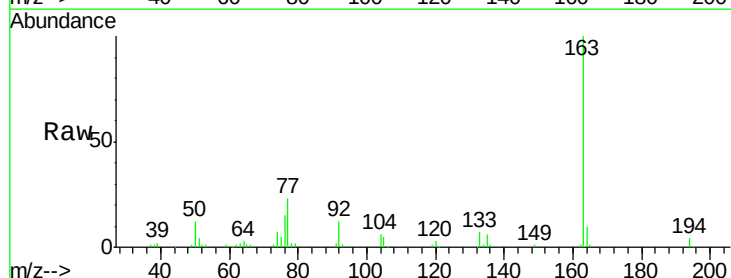
Instrument :
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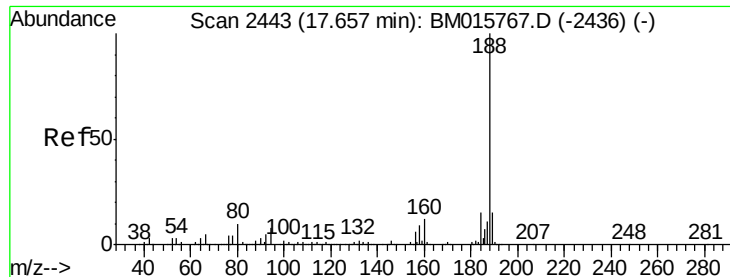
Tgt Ion:172 Resp: 947584
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.4 18.8 28.2



#49
Dimethylphthalate
Concen: 9.576 ng
RT: 14.37 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion:163 Resp: 144820
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2

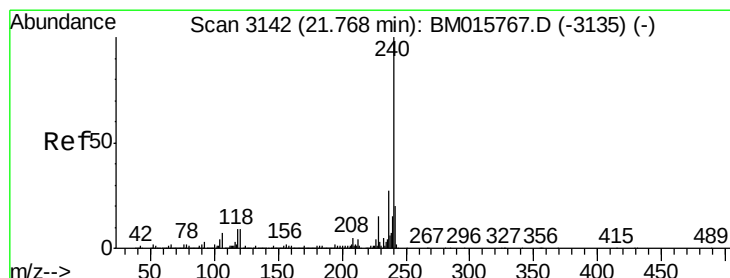
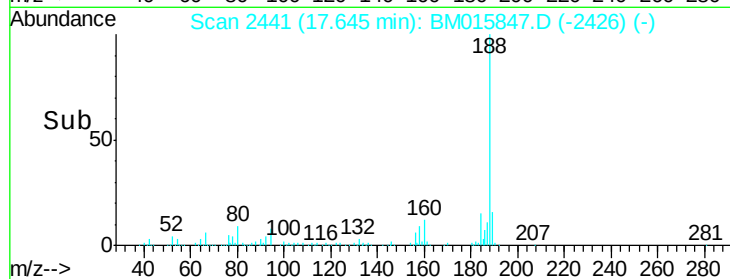
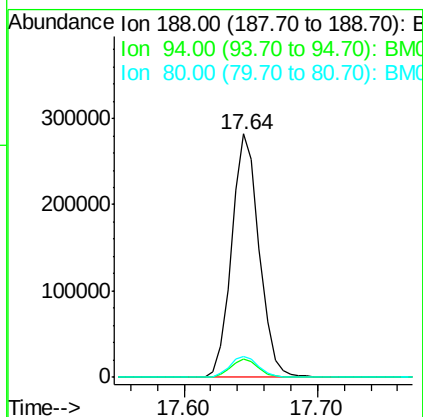
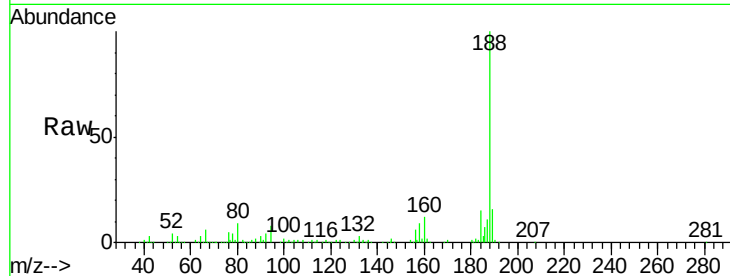




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

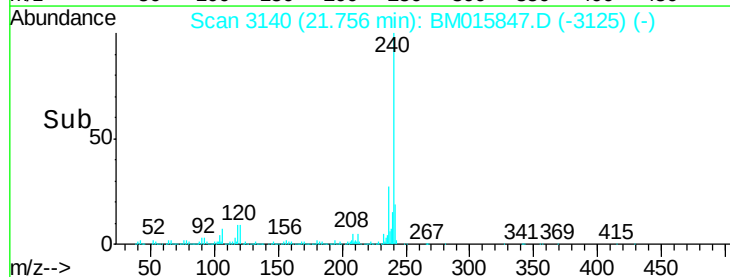
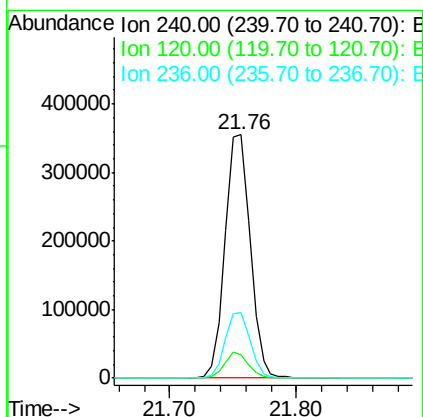
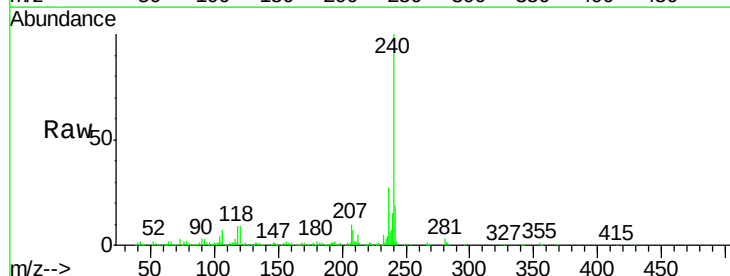
Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

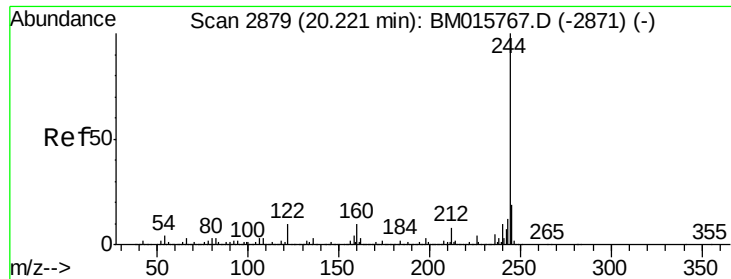
Tgt Ion:188 Resp: 404752
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Tgt Ion:240 Resp: 488023
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 27.2 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015847.D

Acq: 09 Jul 2018 17:36

Instrument :

BNA_M

ClientSampleId :

TP-8-SRE

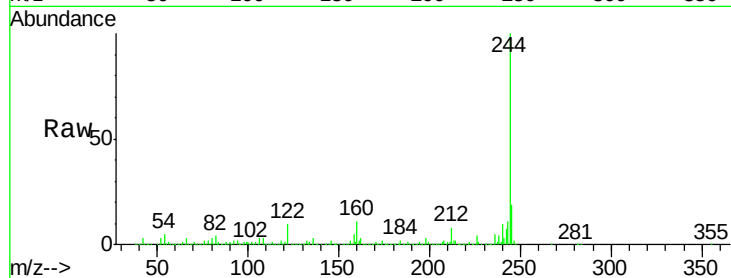
Tgt Ion:244 Resp: 1920921

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

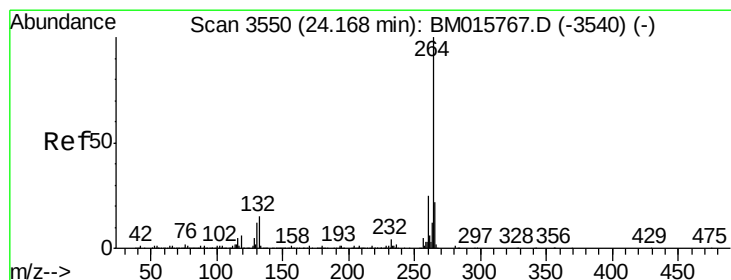
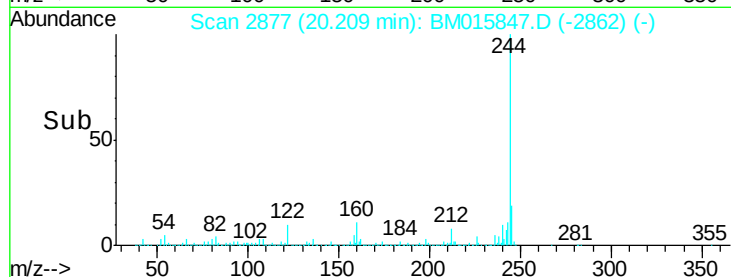
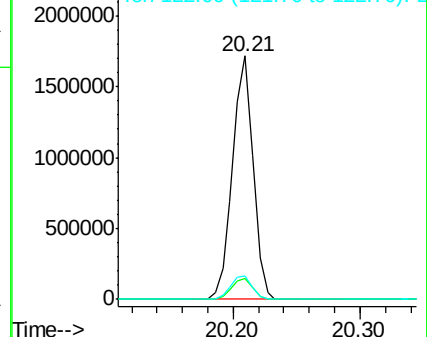
122 9.6 6.2 9.4#



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: BM015847.D

Acq: 09 Jul 2018 17:36

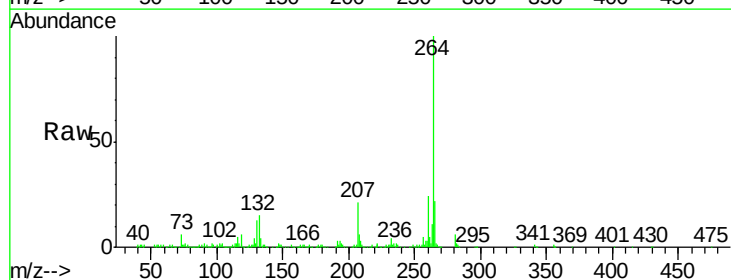
Tgt Ion:264 Resp: 503208

Ion Ratio Lower Upper

264 100

260 24.2 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

