

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

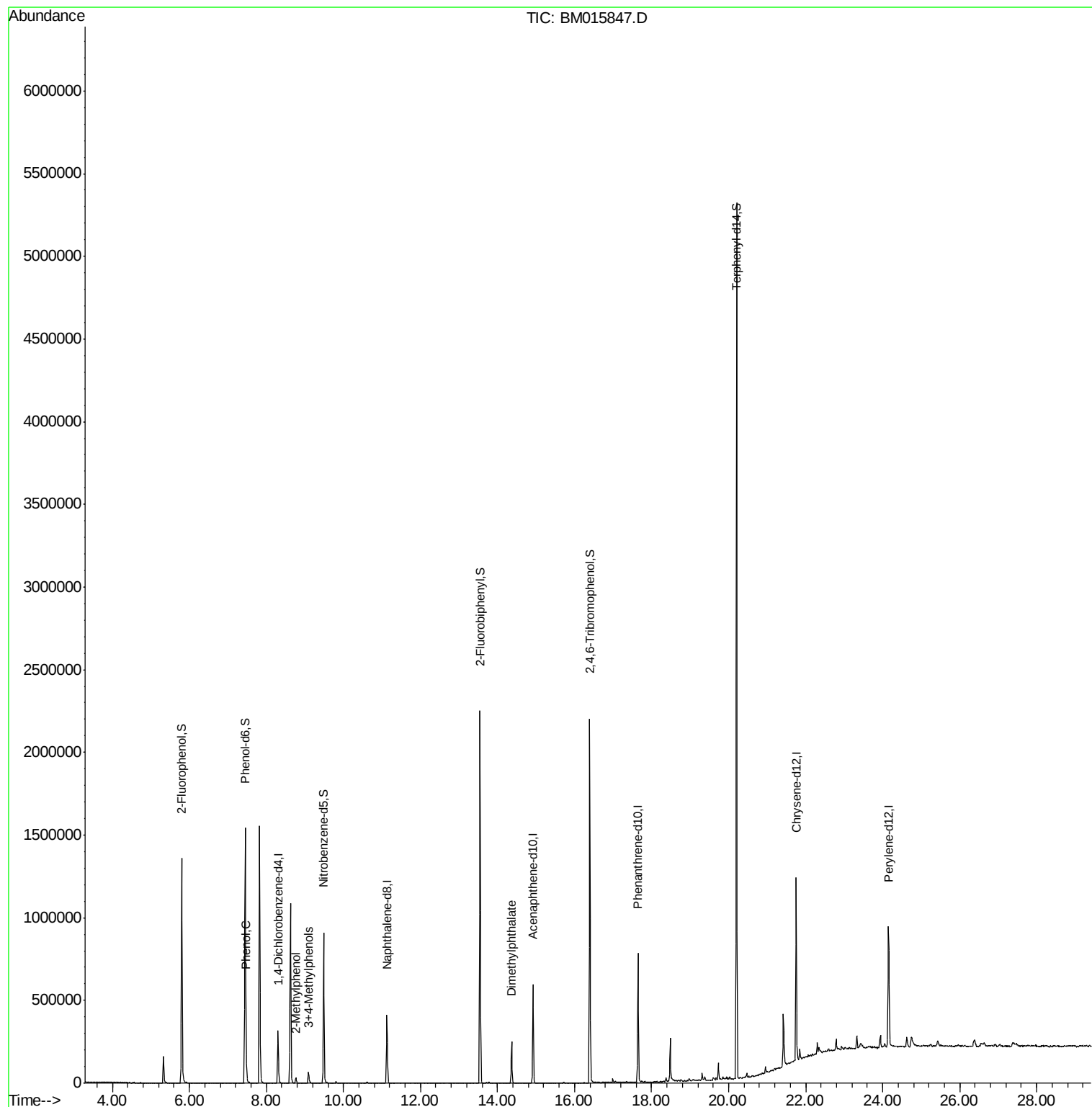
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	74879	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	306810	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	171487	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	404752	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	488023	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

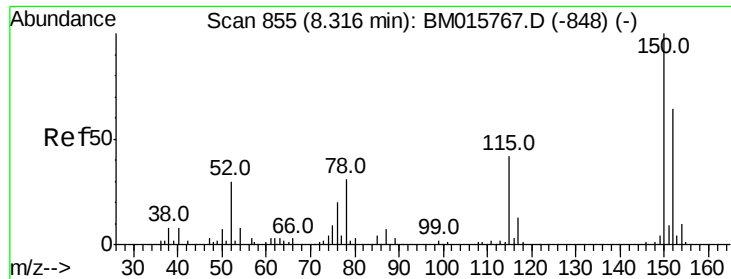
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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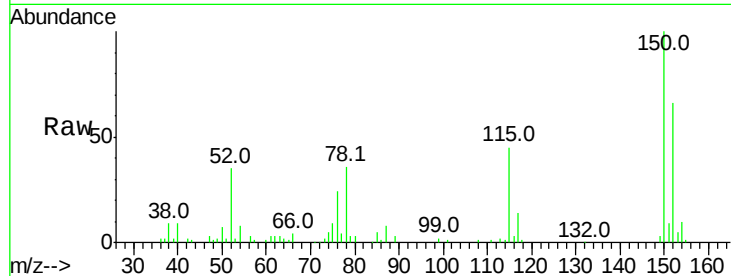


#1

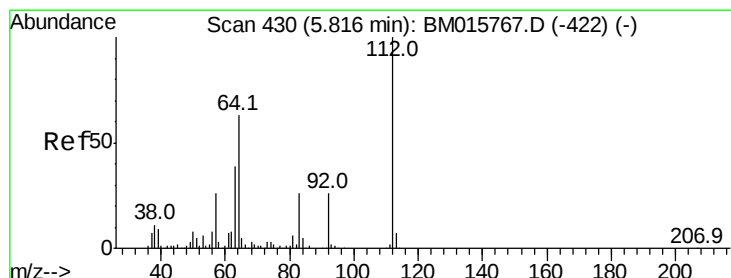
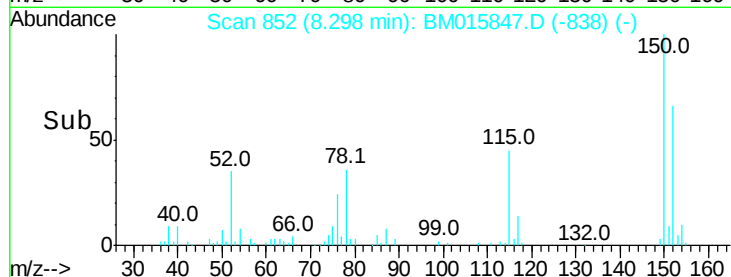
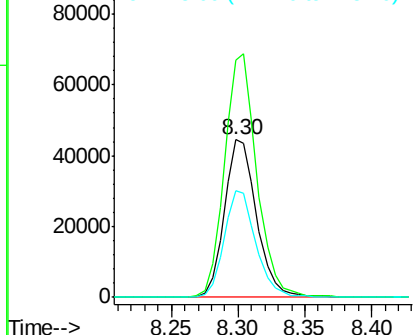
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

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



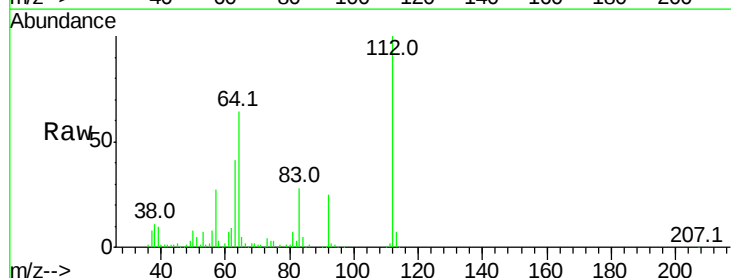
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



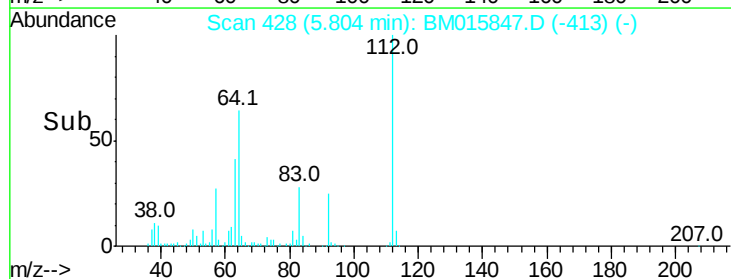
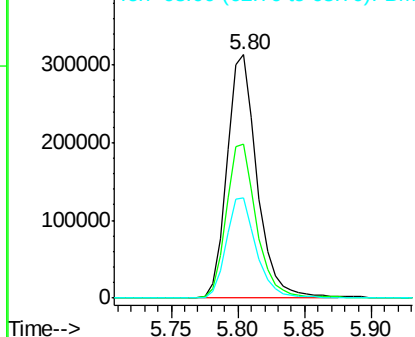
#5

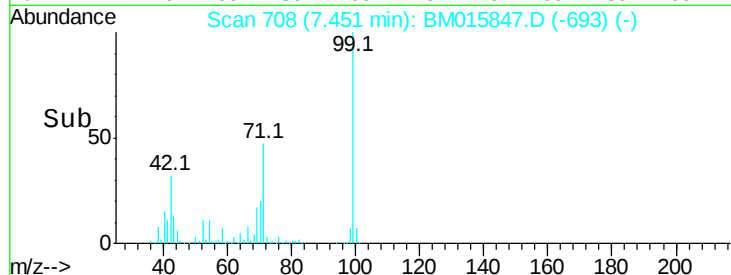
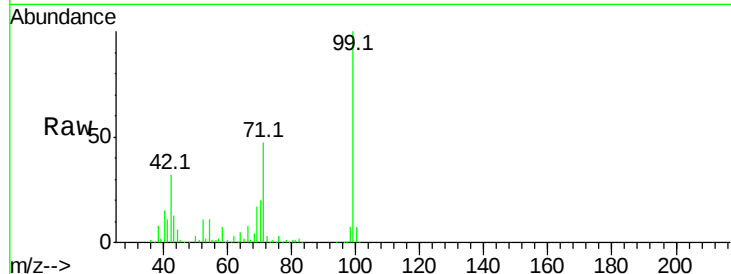
2-Fluorophenol
Concen: N.D. ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

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

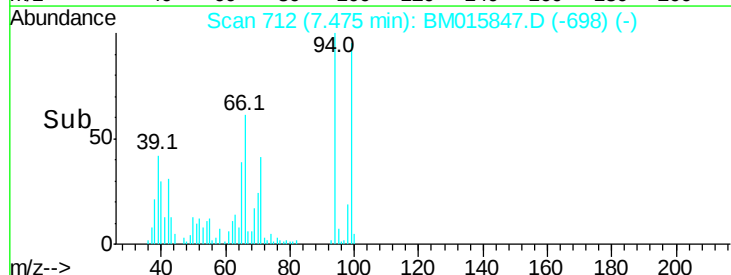
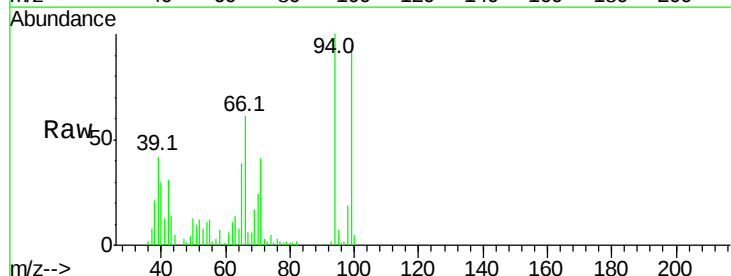
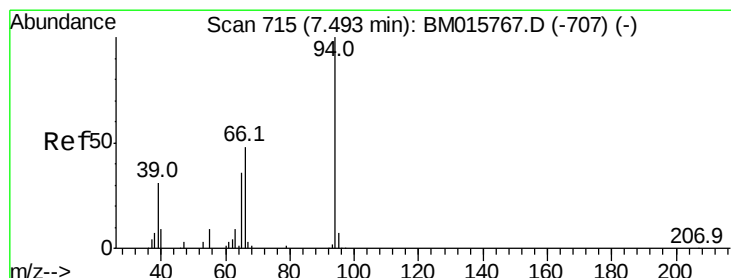
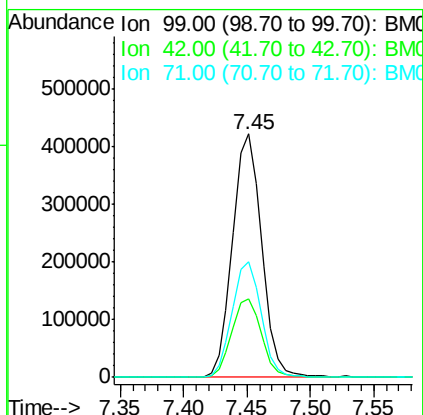
Tot Ion: 99 Resp: 671275

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

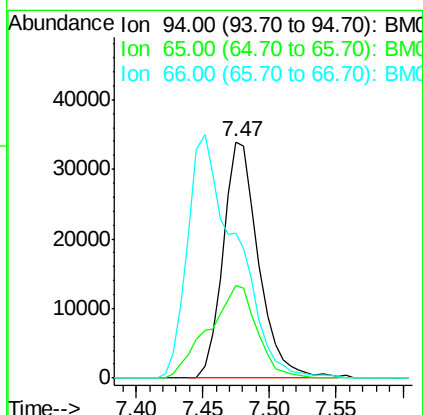
Tgt Ion: 94 Resp: 63230

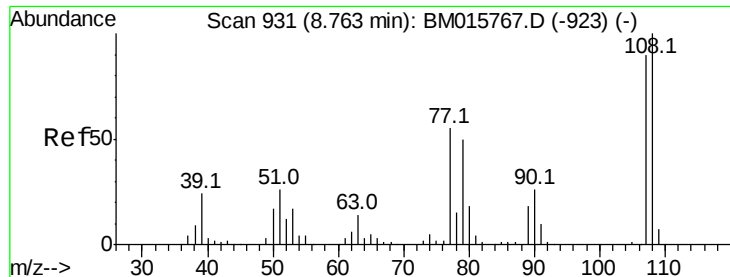
Ion Ratio Lower Upper

94 100

65 39.3 18.8 58.8

66 61.2 39.9 79.9

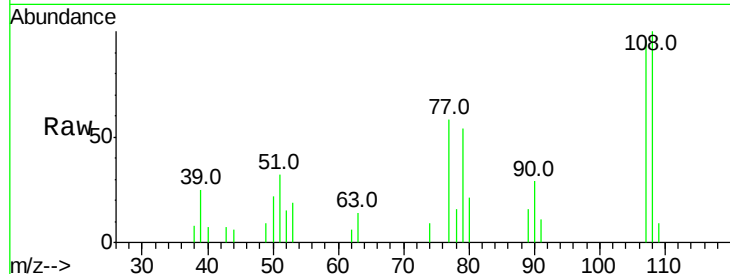




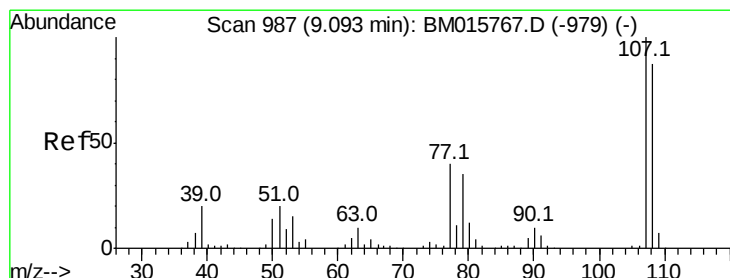
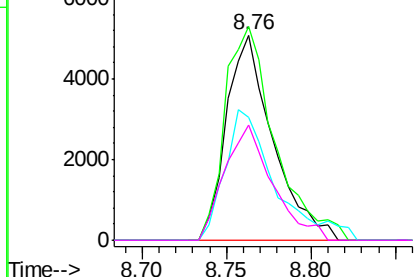
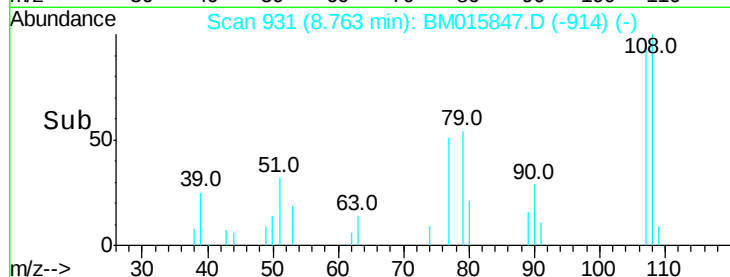
#17
2-Methylphenol
Concen: 2.340 ng
RT: 8.76 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

Tot 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#

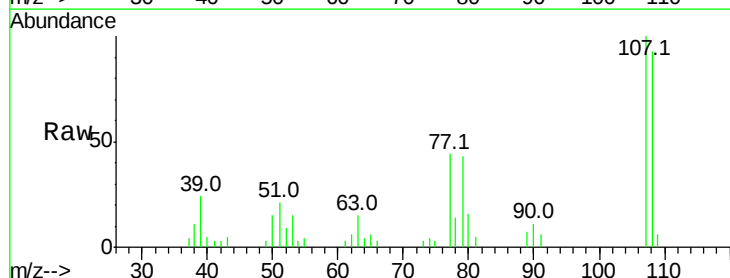


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

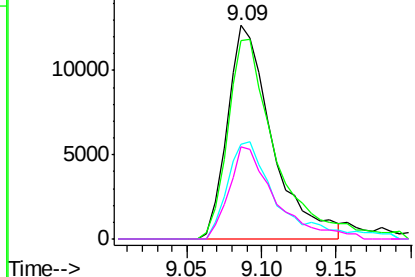
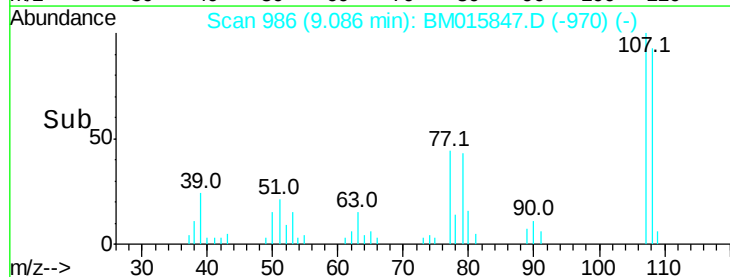


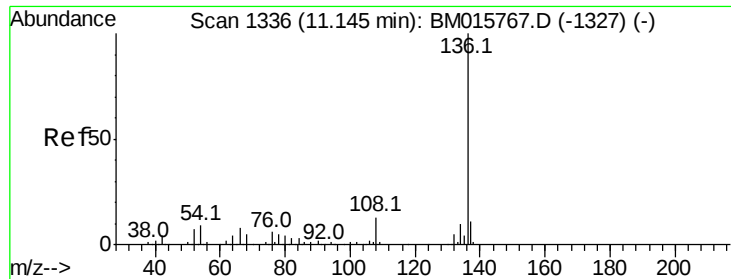
#20
3+4-Methylphenols
Concen: 4.606 ng
RT: 9.09 min Scan# 986
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

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

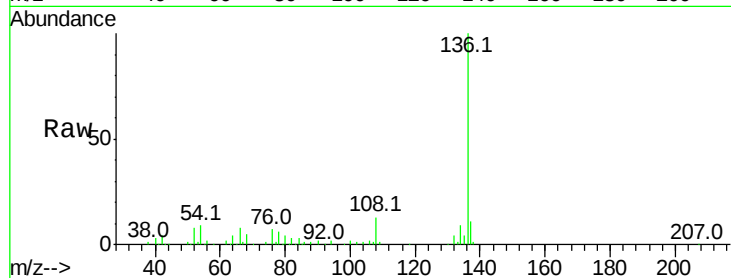




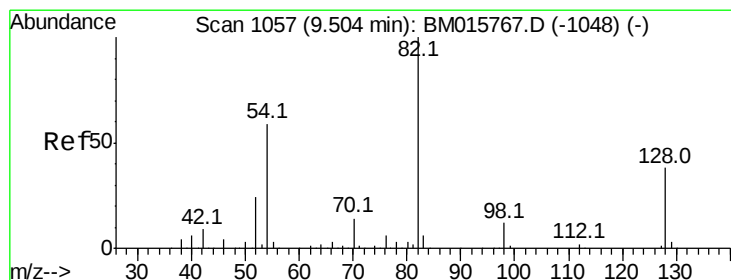
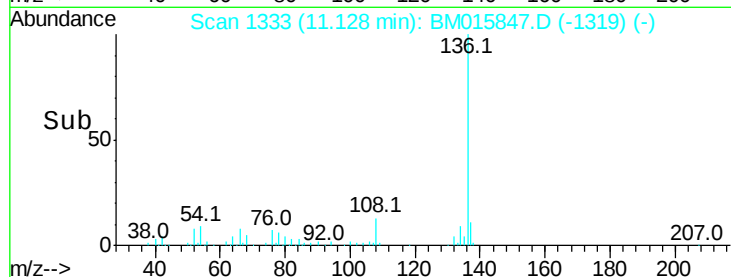
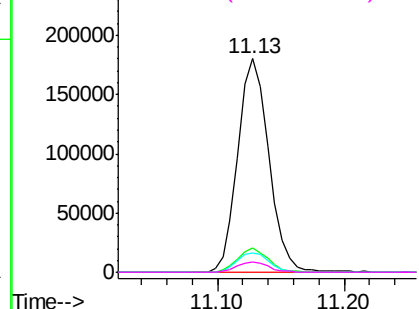
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

Instrument :
BNA_M
ClientSampleId :
TP-8-SRE

Tot 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

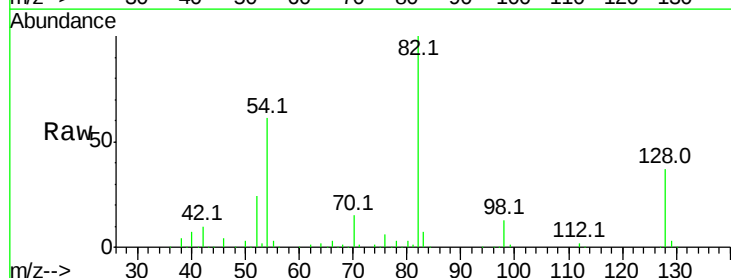


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

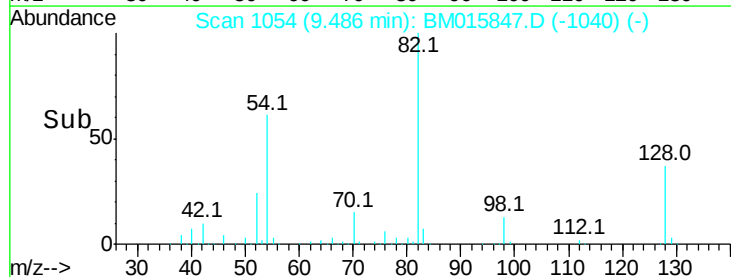
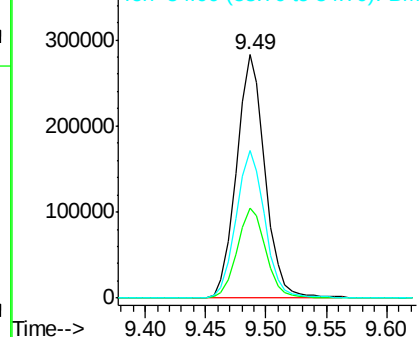


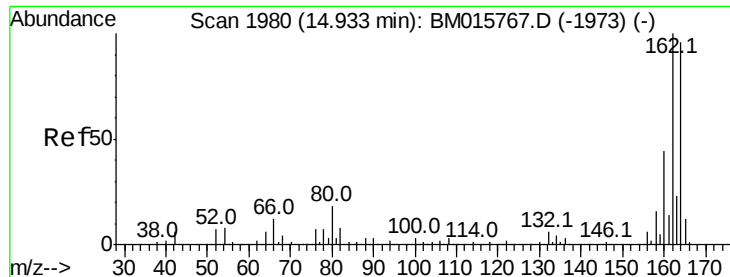
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

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

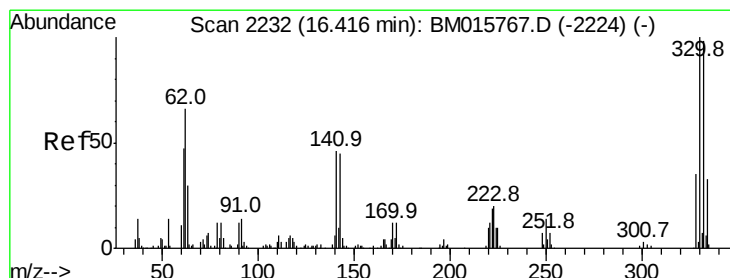
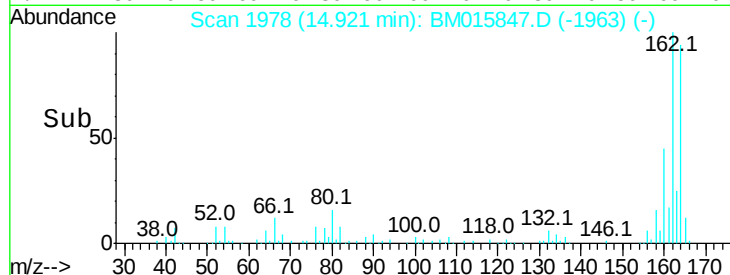
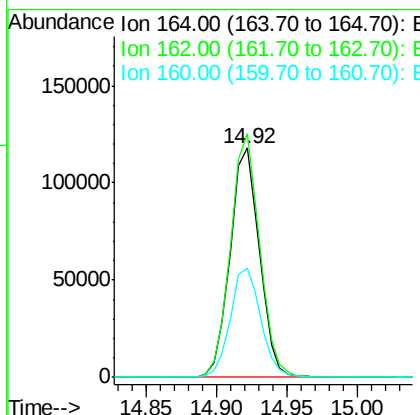
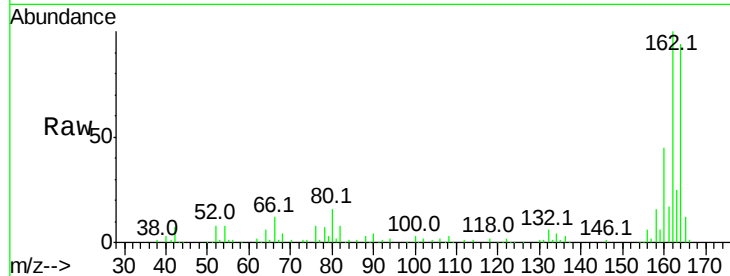




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015847.D
 Acq: 09 Jul 2018 17:36

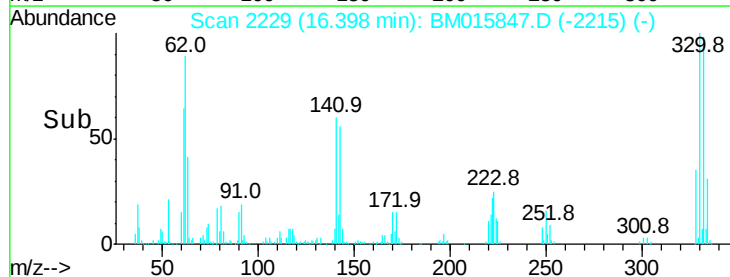
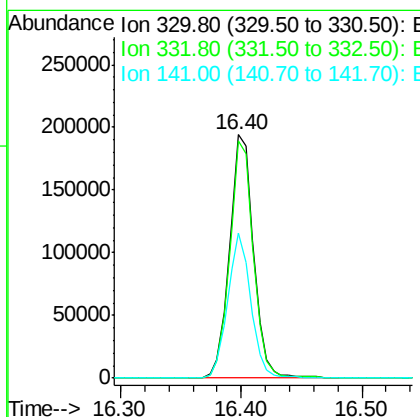
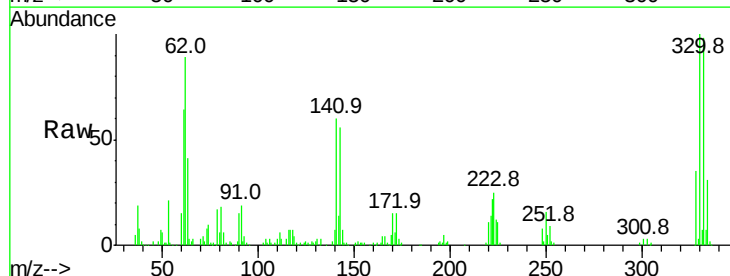
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 TP-8-SRE

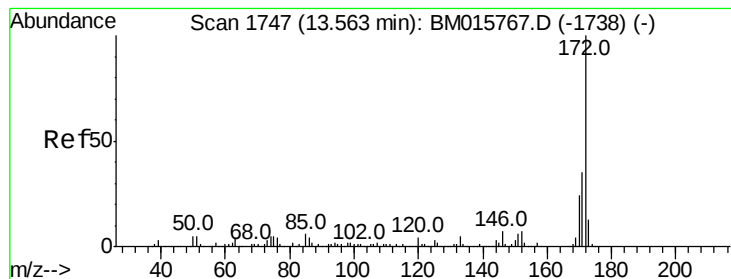
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	47.8	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015847.D
 Acq: 09 Jul 2018 17:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	57.5	0.0	0.0#





#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 :

BNA_M

ClientSampleId :

TP-8-SRE

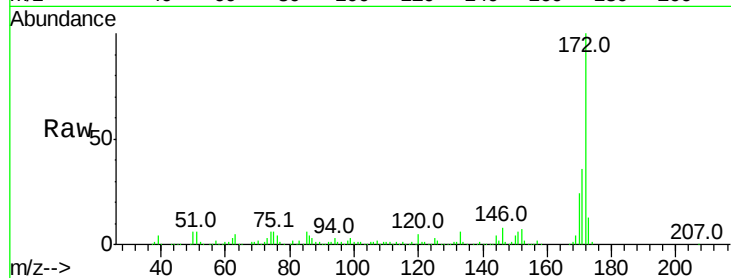
Tot Ion:172 Resp: 947584

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

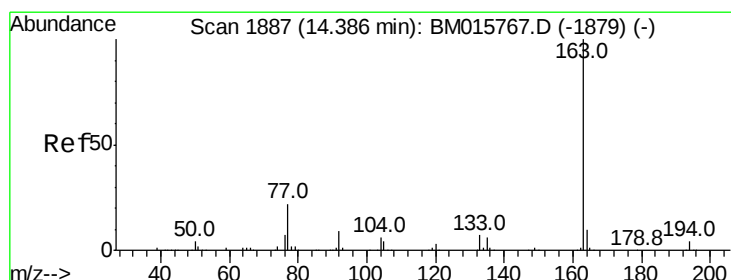
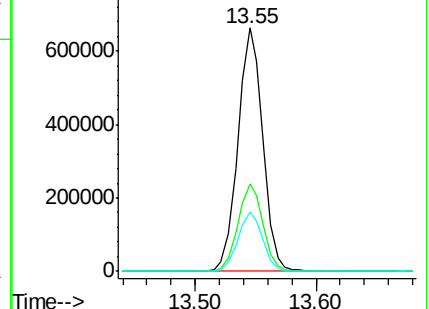
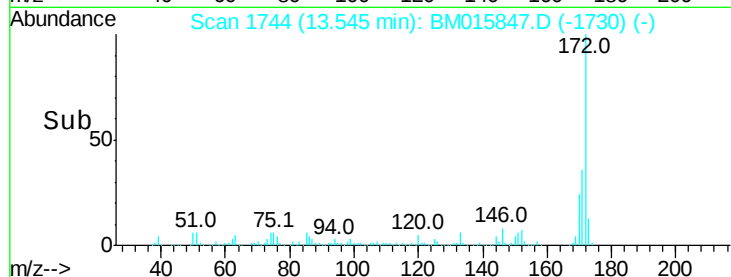
170 24.4 18.8 28.2



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



#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

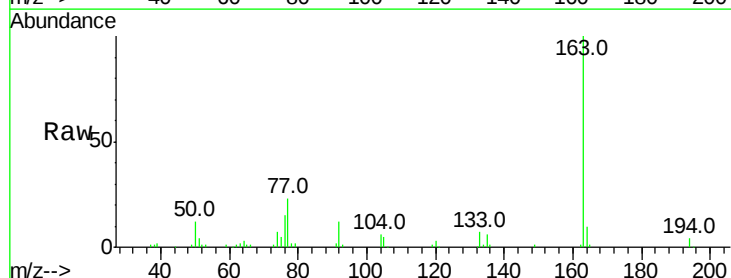
Tgt Ion:163 Resp: 144820

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

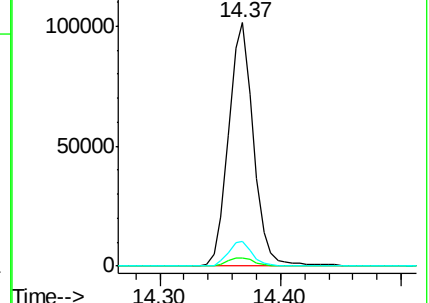
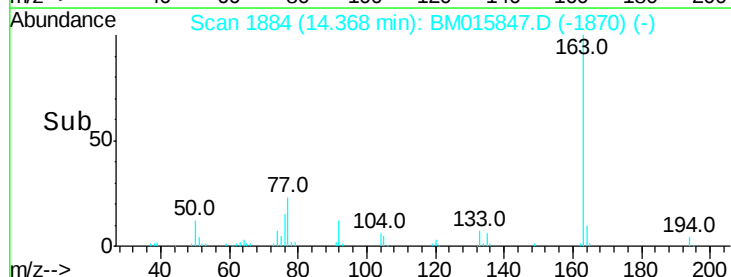
164 9.9 8.2 12.2

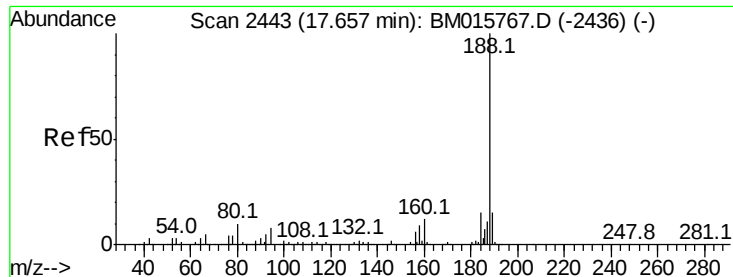


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

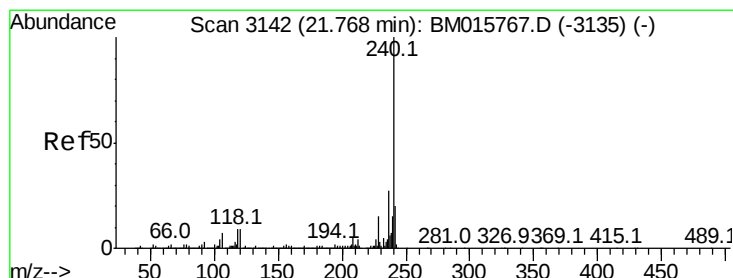
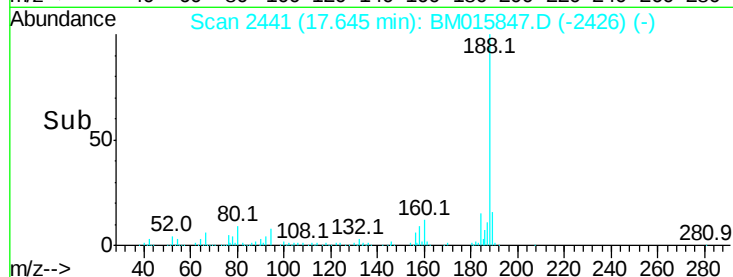
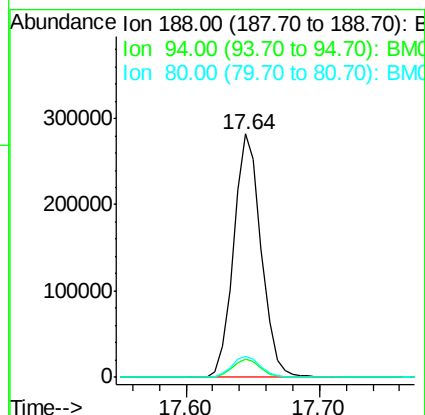
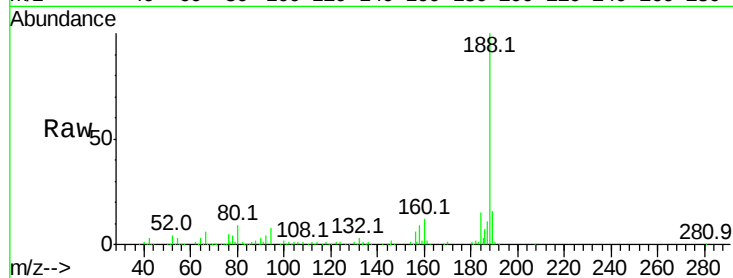




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015847.D
Acq: 09 Jul 2018 17:36

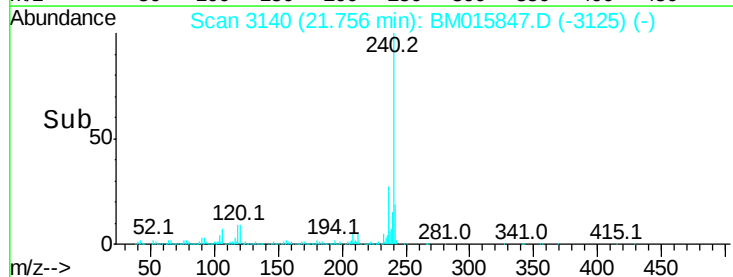
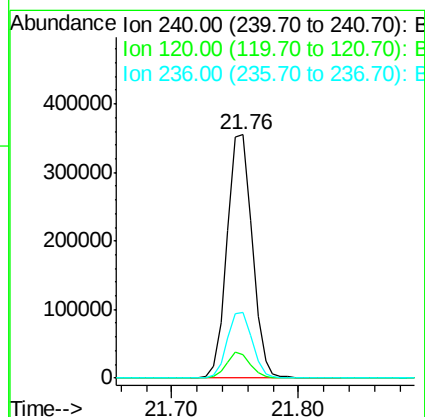
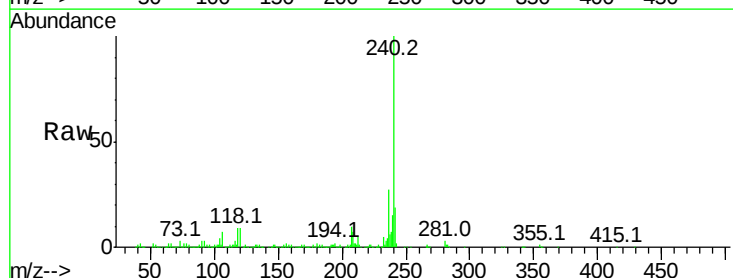
Instrument :
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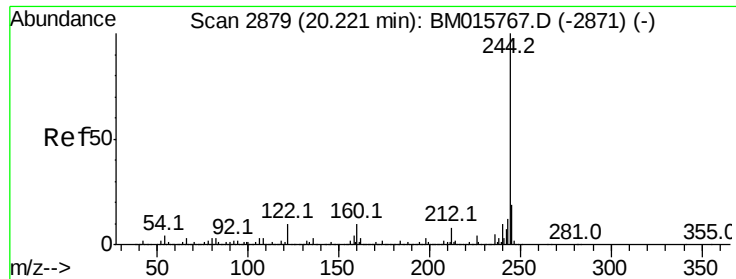
Tot Ion:188 Resp: 404752
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 9.3 13.9#



#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 na

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

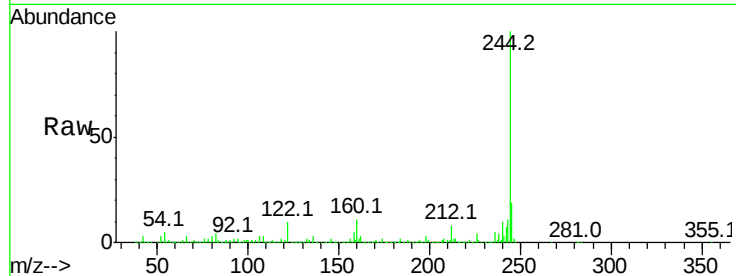
Tot Ion:244 Resp: 1920921

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	9.6	6.2	9.4#

244 100

212 8.4 4.9 7.3#

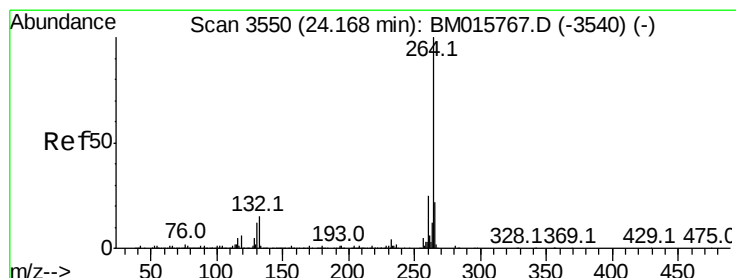
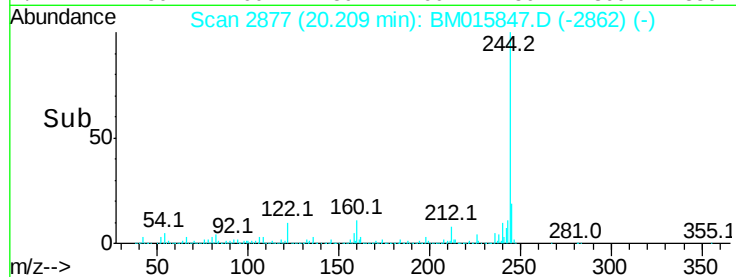
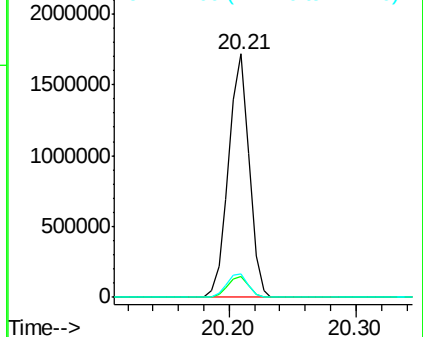
122 9.6 6.2 9.4#



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

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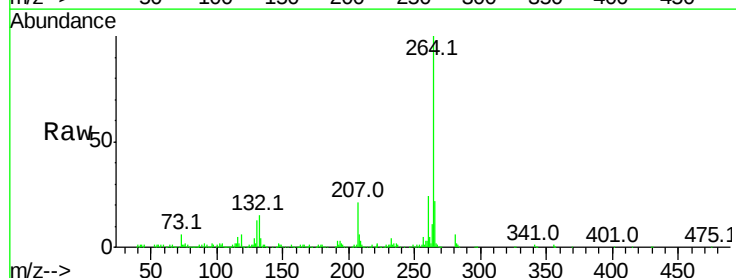
Tgt Ion:264 Resp: 503208

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.4	17.3	25.9

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

