

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071118\
 Data File : BM015906.D
 Acq On : 12 Jul 2018 09:41
 Operator : SJ/JU
 Sample : J3828-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-071018-C

Quant Time: Jul 12 10:55:36 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

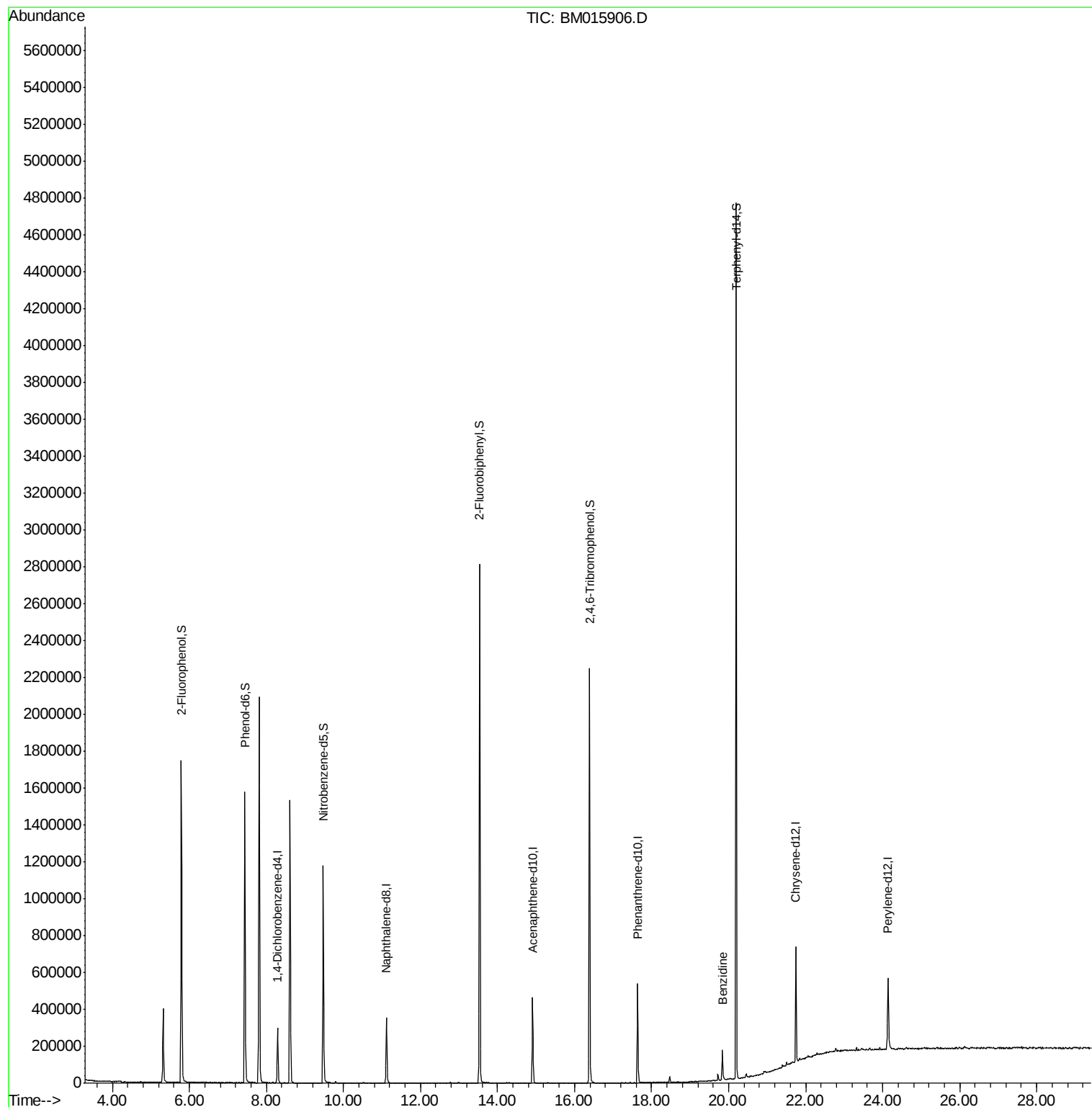
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	70029	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	263640	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	135155	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	280210	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	259599	20.00	ng	-0.02
86) Perylene-d12	24.14	264	266162	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	623847	152.78	ng	-0.02
7) Phenol-d6	7.44	99	708645	126.77	ng	-0.02
23) Nitrobenzene-d5	9.47	82	614578	113.74	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	287183	162.62	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1209469	111.10	ng	-0.03
78) Terphenyl-d14	20.20	244	1690845	120.81	ng	-0.02
Target Compounds						
76) Benzidine	19.84	184	87871	11.553	ng	Qvalue 97

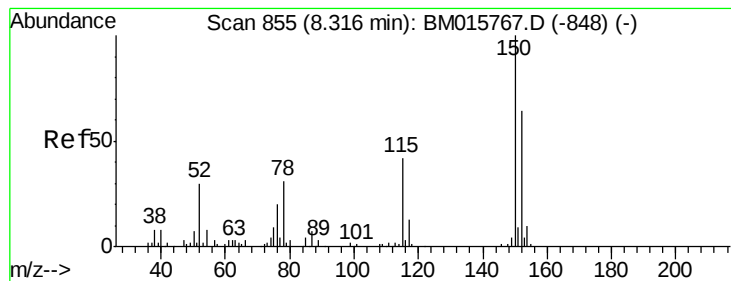
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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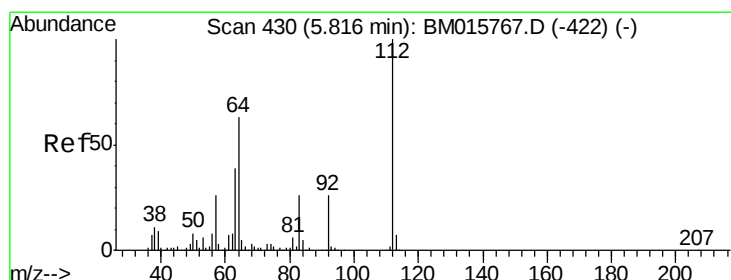
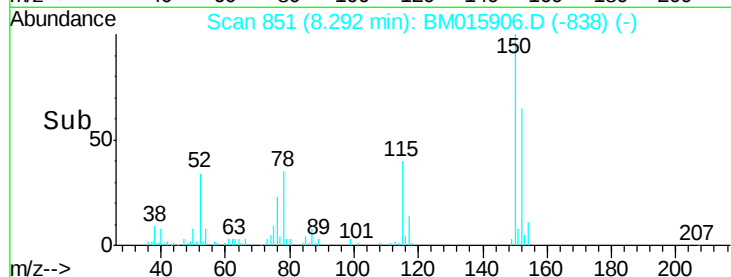
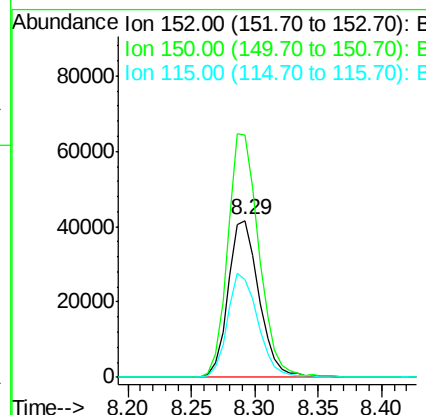
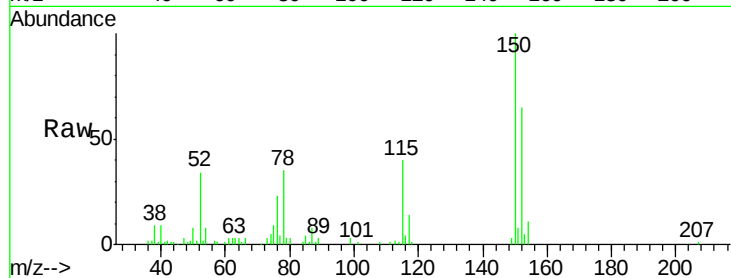




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

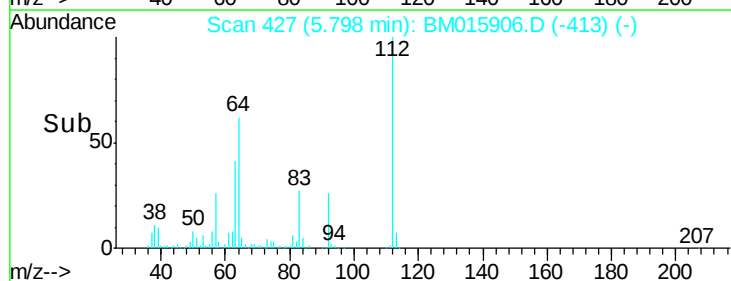
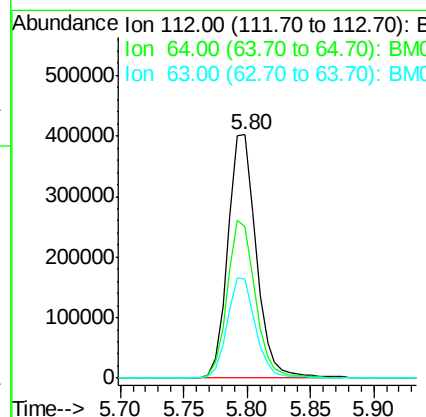
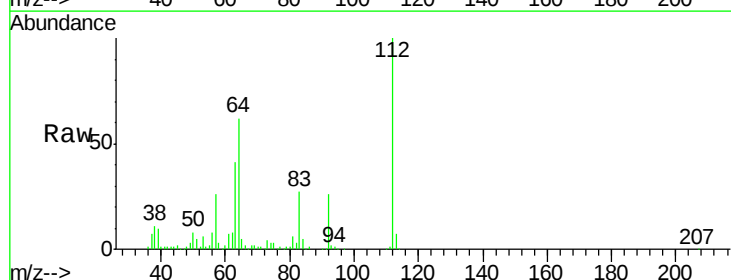
Instrument :
 BNA_M
 ClientSampleId :
 EO-01-071018-C

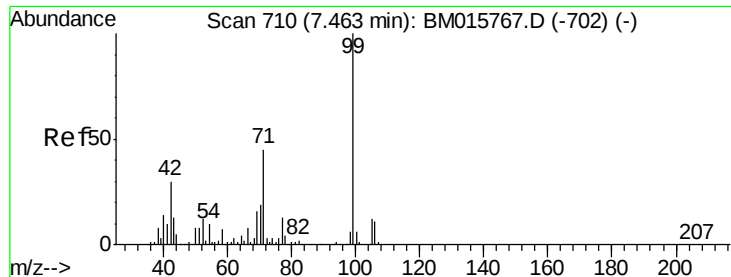
Tgt Ion:152 Resp: 70029
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.5 179.3
 115 62.3 43.0 64.4



#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.80 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

Tgt Ion:112 Resp: 623847
 Ion Ratio Lower Upper
 112 100
 64 62.2 38.6 57.8#
 63 40.7 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015906.D

Acq: 12 Jul 2018 09:41

Instrument :

BNA_M

ClientSampleId :

EO-01-071018-C

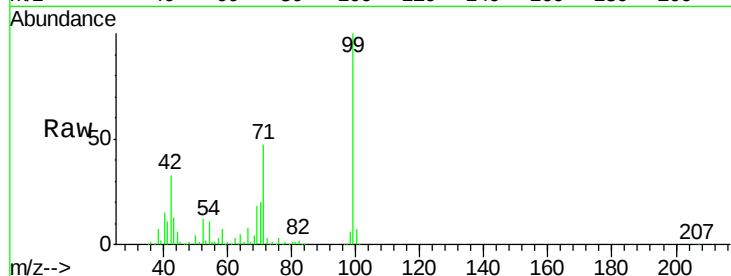
Tgt Ion: 99 Resp: 708645

Ion Ratio Lower Upper

99 100

42 32.7 11.0 16.4#

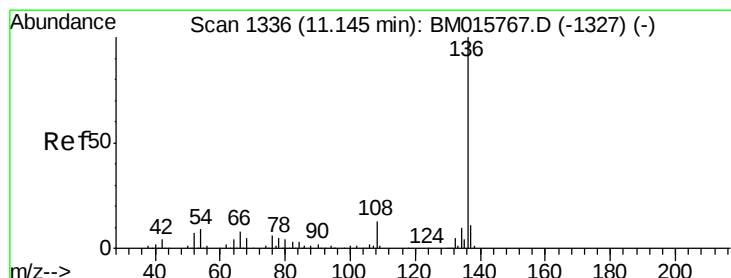
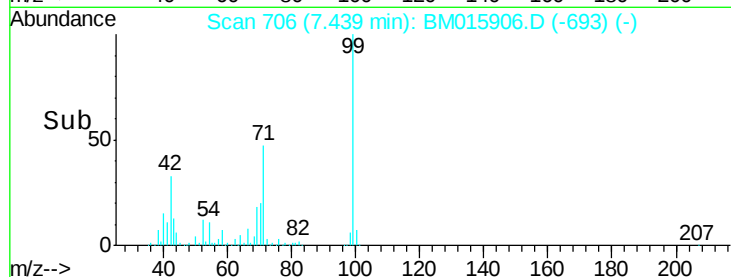
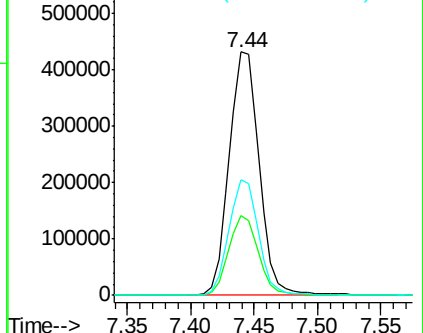
71 47.3 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015906.D

Acq: 12 Jul 2018 09:41

Tgt Ion: 136 Resp: 263640

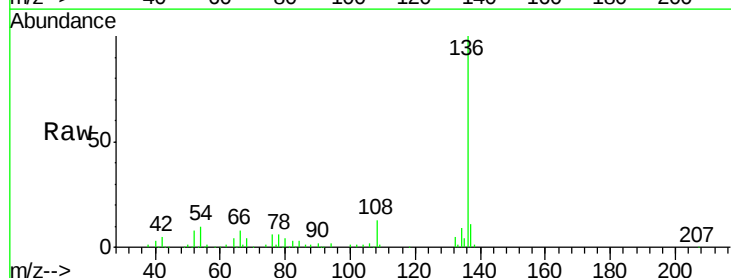
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 4.6 6.8#

68 4.5 3.7 5.5

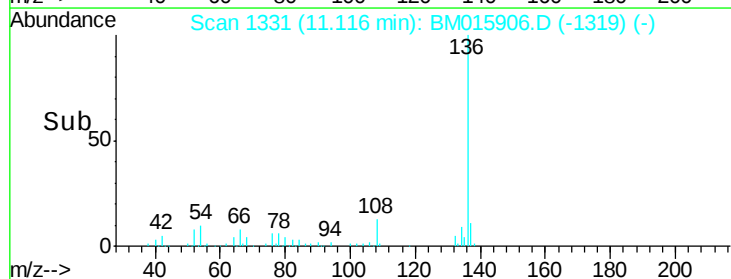
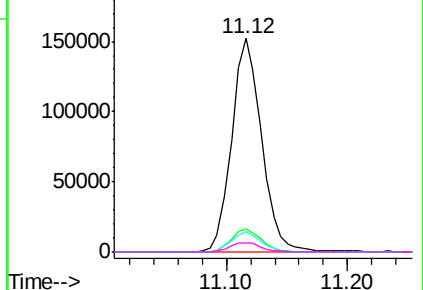


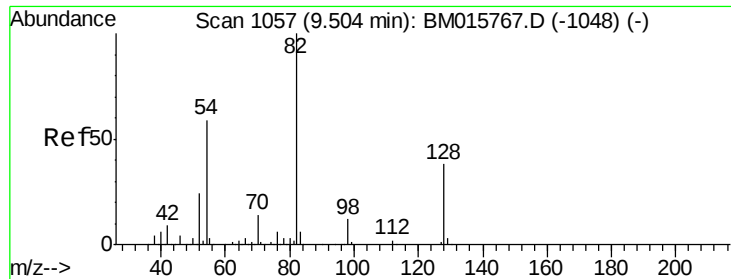
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

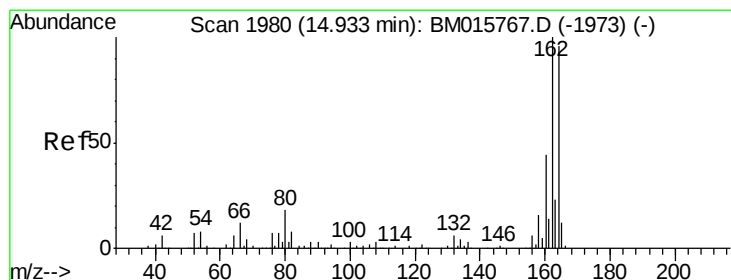
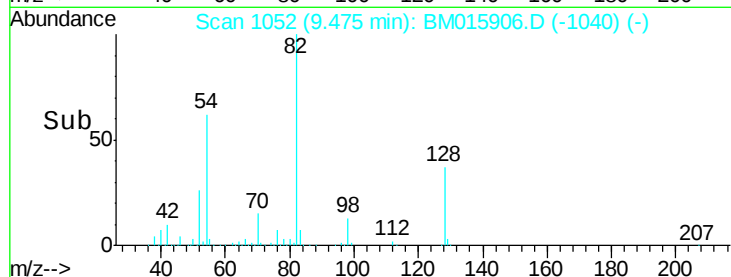
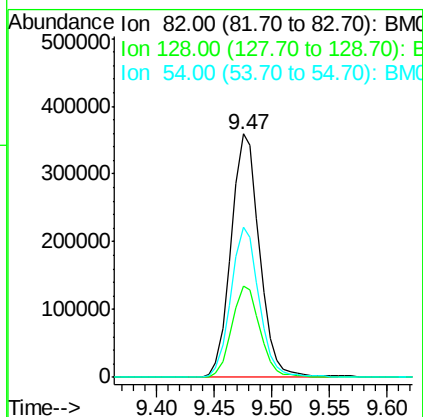
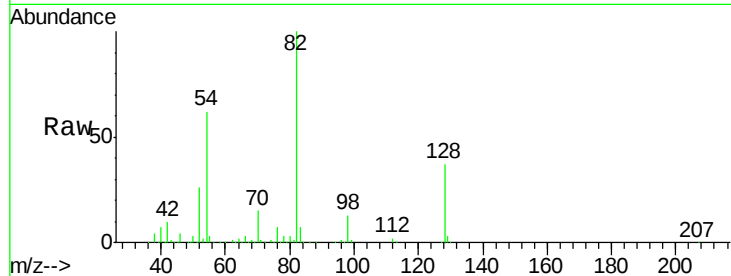




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

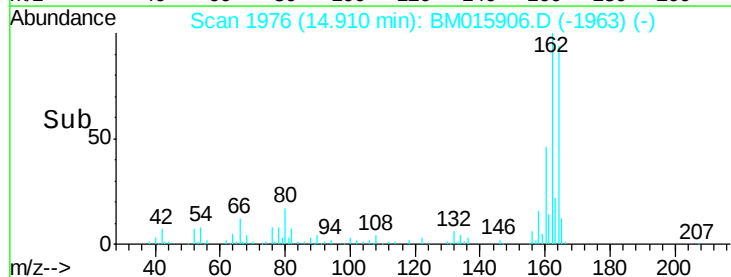
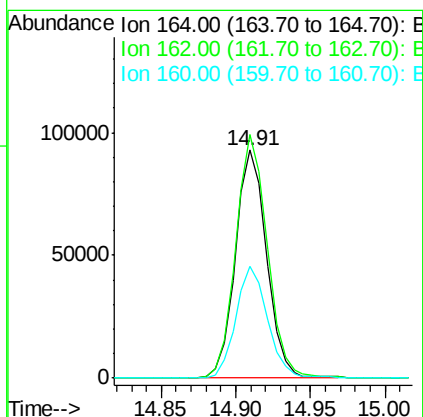
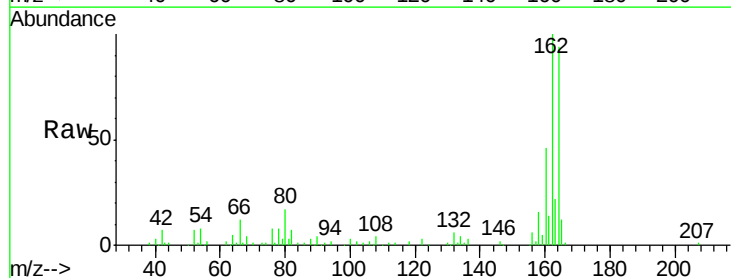
Instrument :
 BNA_M
 ClientSampleId :
 EO-01-071018-C

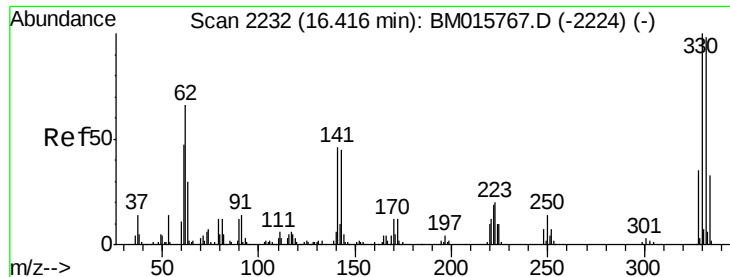
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.8	49.2
54	61.8	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.4	123.6
160	49.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.39 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BM015906.D

Acq: 12 Jul 2018 09:41

Instrument :

BNA_M

ClientSampleId :

EO-01-071018-C

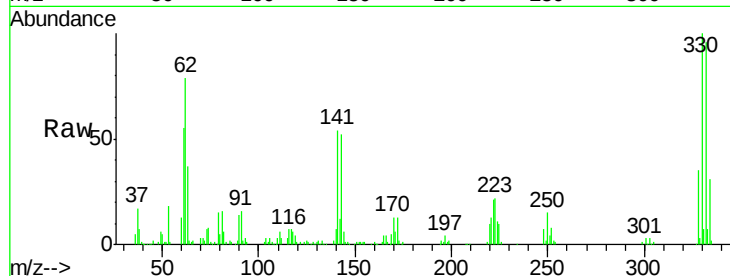
Tgt Ion:330 Resp: 287183

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

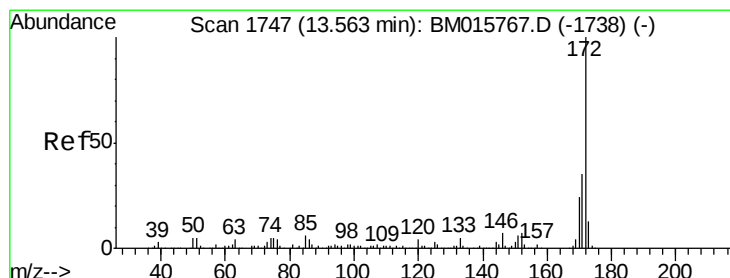
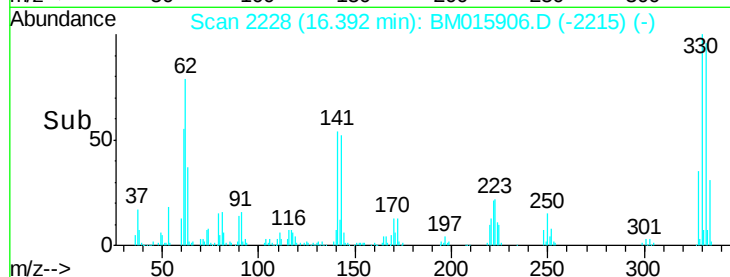
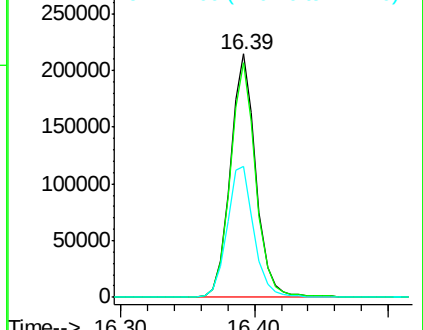
141 56.4 0.0 0.0#



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: 13.53 min Scan# 1742

Delta R.T. -0.03 min

Lab File: BM015906.D

Acq: 12 Jul 2018 09:41

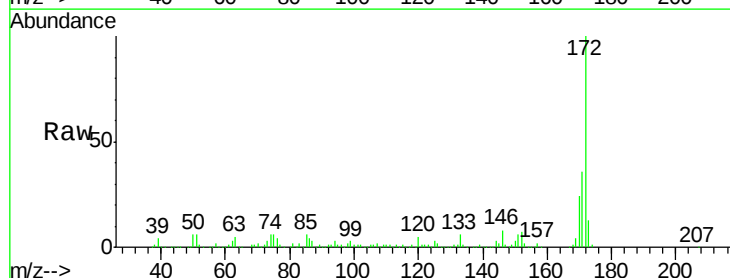
Tgt Ion:172 Resp: 1209469

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

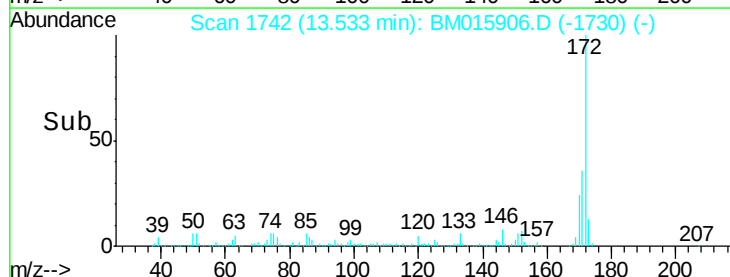
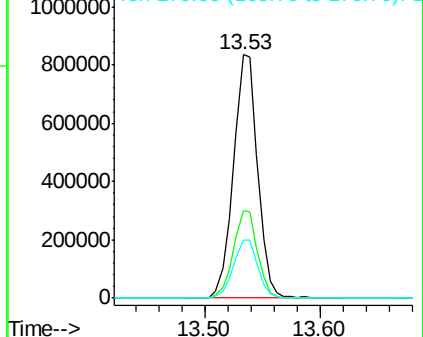
170 23.7 18.8 28.2

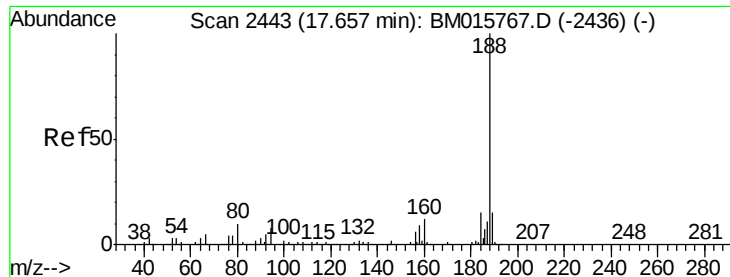


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

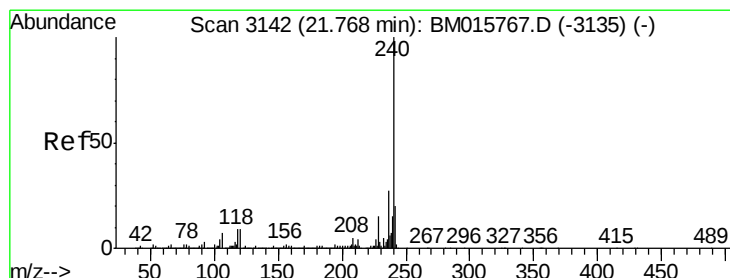
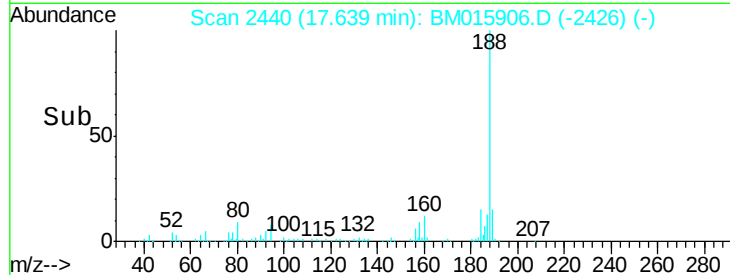
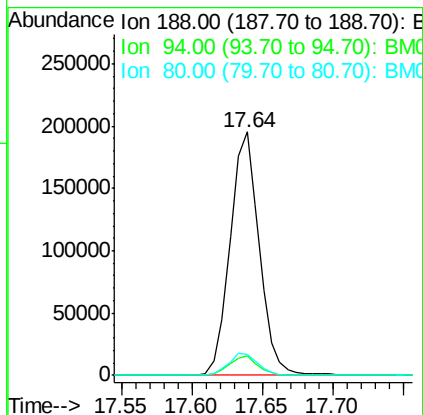
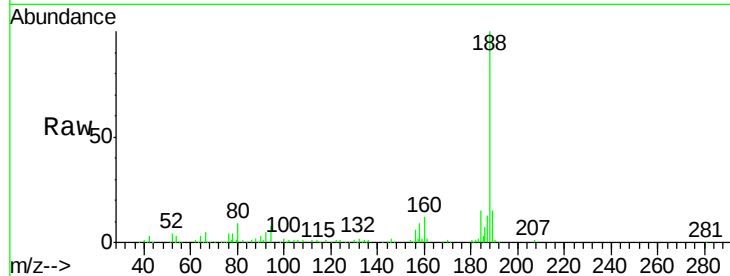




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

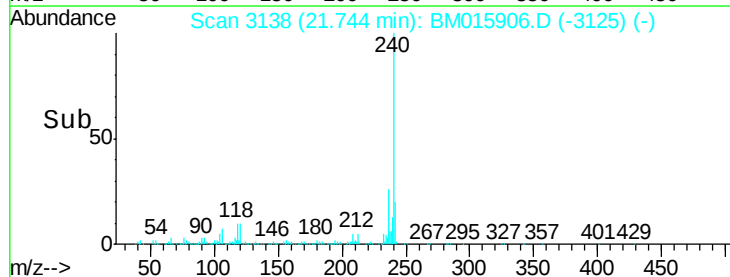
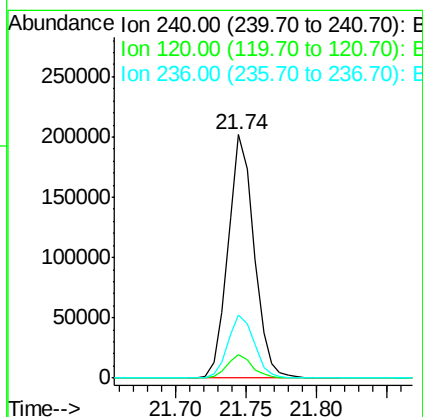
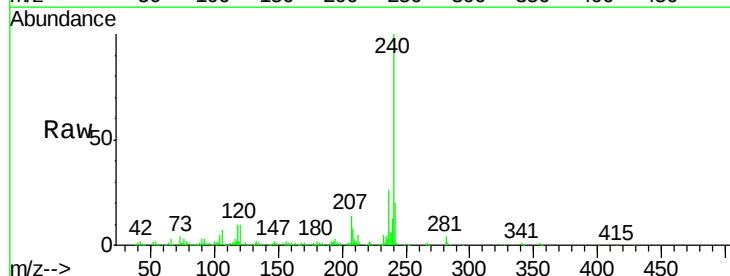
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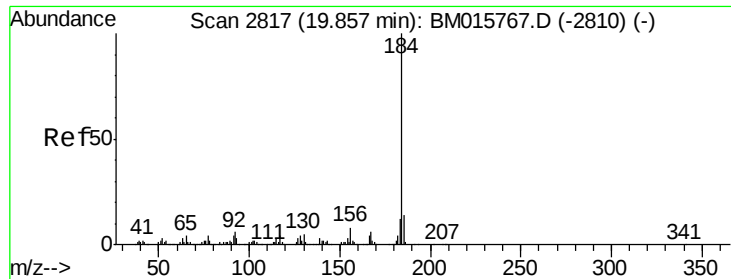
Tgt Ion:188 Resp: 280210
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

Tgt Ion:240 Resp: 259599
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 26.2 20.0 30.0

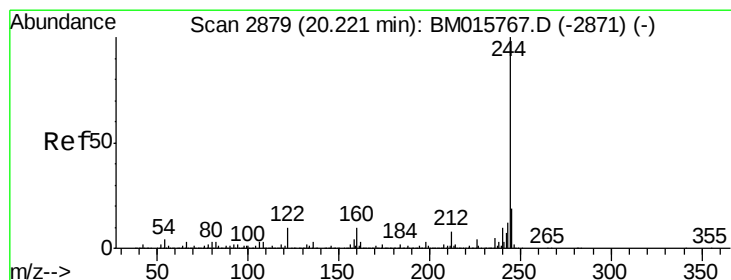
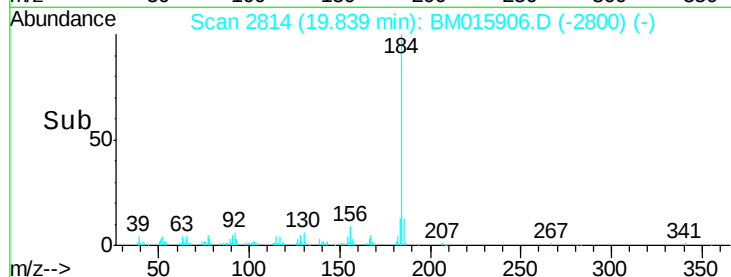
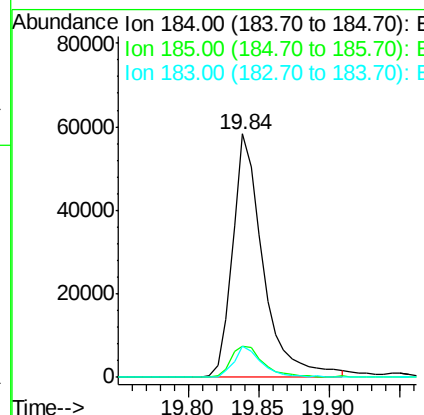
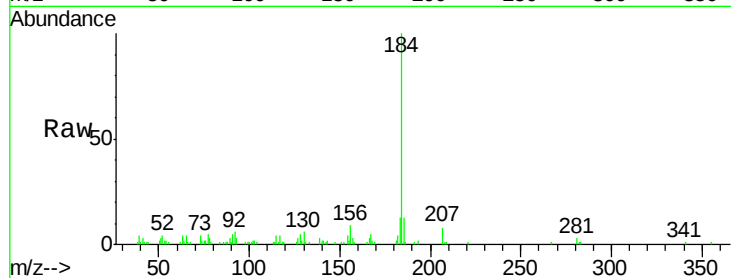




#76
Benzidine
Concen: 11.553 ng
RT: 19.84 min Scan# 2814
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

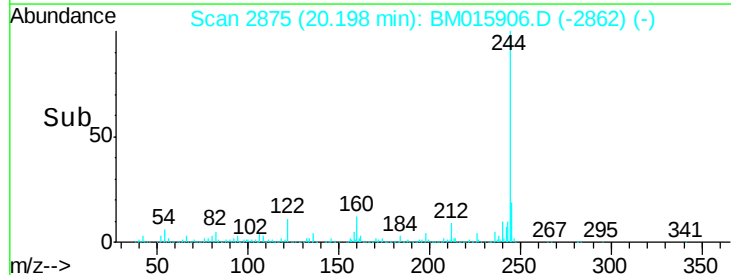
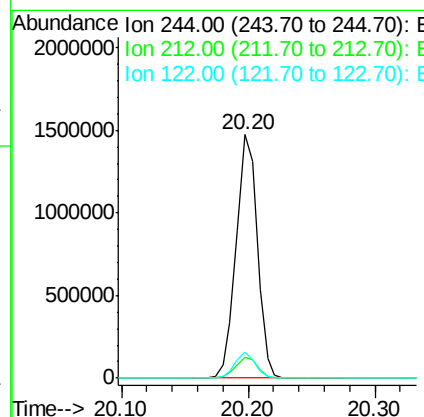
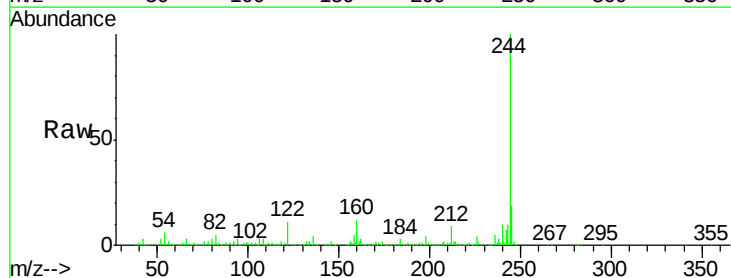
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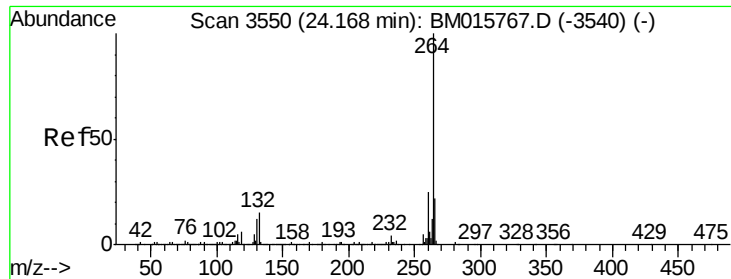
Tgt Ion:184 Resp: 87871
Ion Ratio Lower Upper
184 100
185 12.9 11.3 16.9
183 12.7 8.9 13.3



#78
Terphenyl-d14
Concen: Below ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

Tgt Ion:244 Resp: 1690845
Ion Ratio Lower Upper
244 100
212 8.8 4.9 7.3#
122 10.7 6.2 9.4#

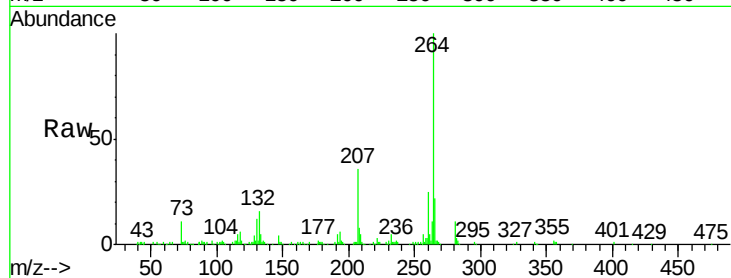




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

Instrument :
BNA_M
ClientSampleId :
EO-01-071018-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	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

