

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

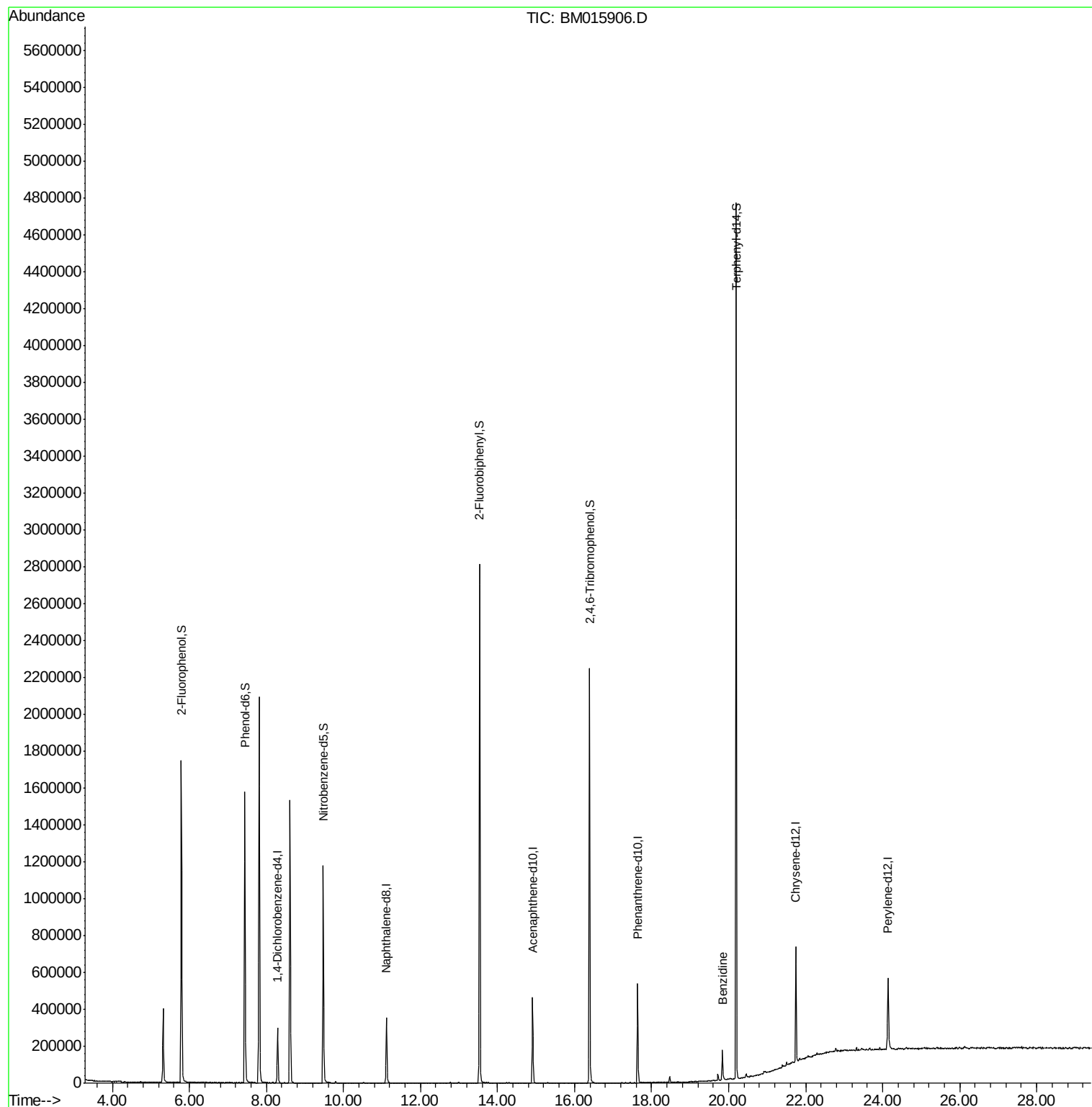
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	70029	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	263640	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	135155	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	280210	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	259599	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

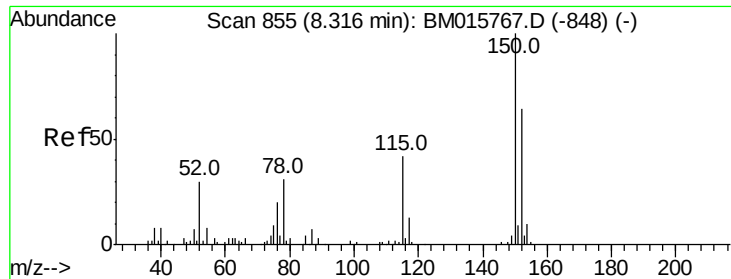
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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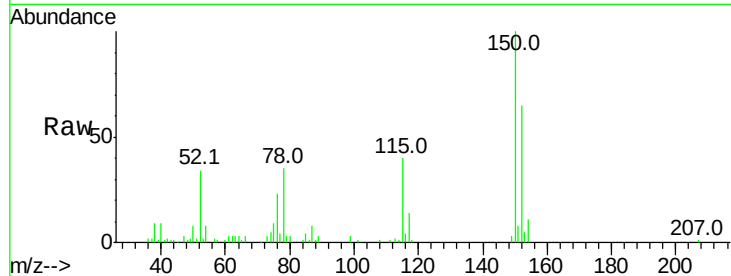


#1

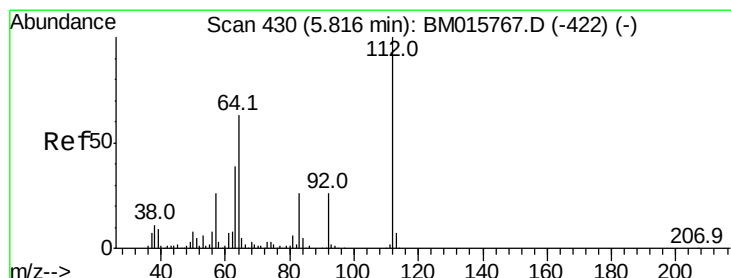
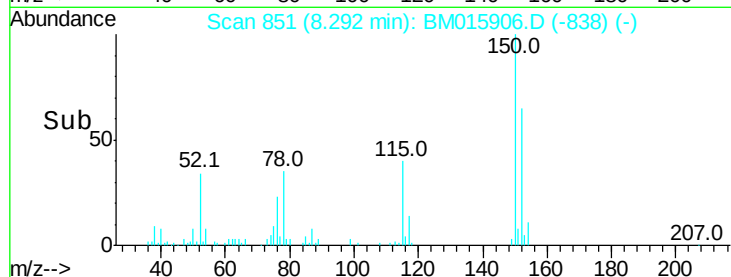
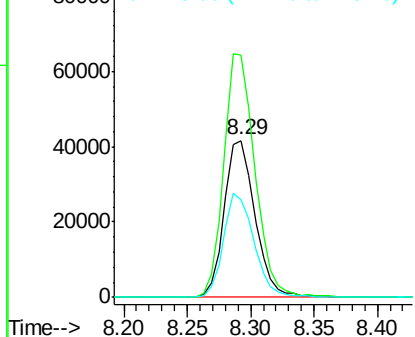
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

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

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



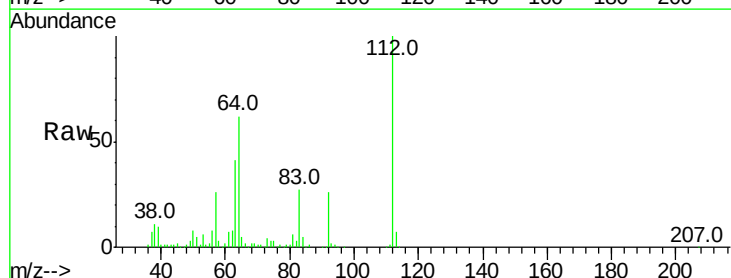
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



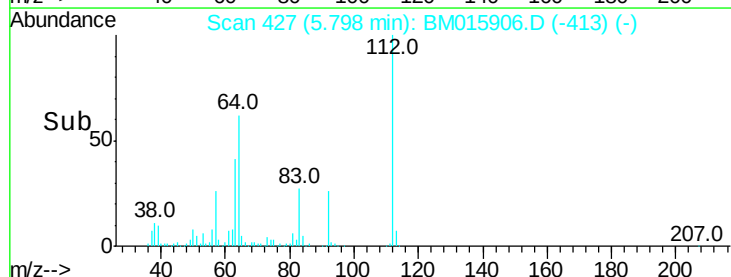
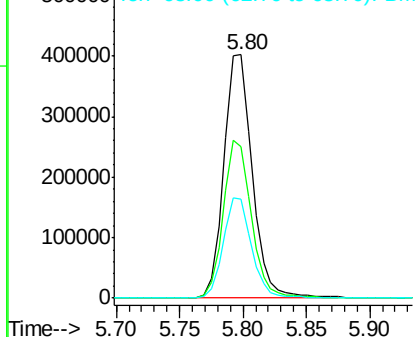
#5

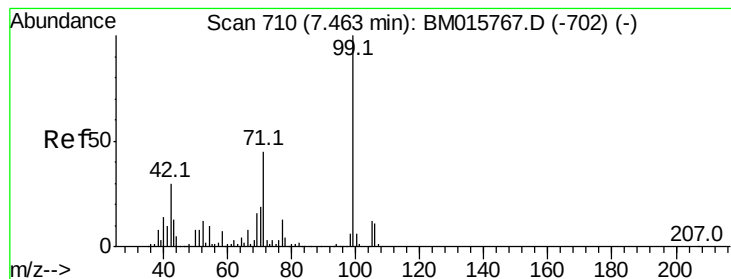
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

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#



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: 7.44 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

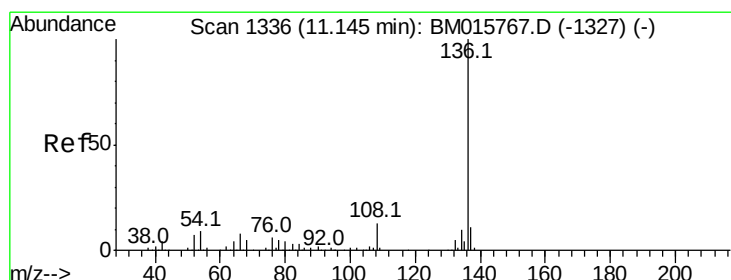
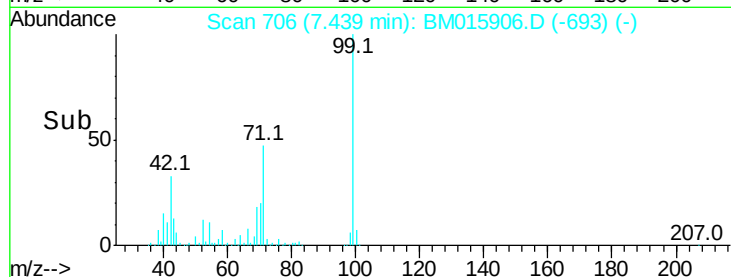
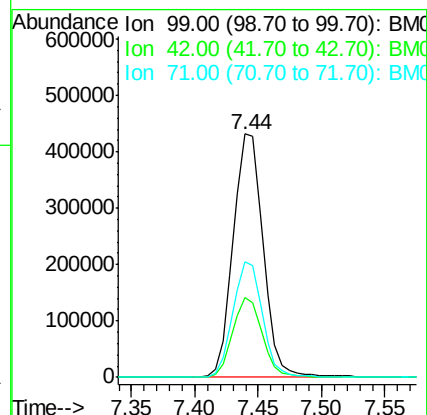
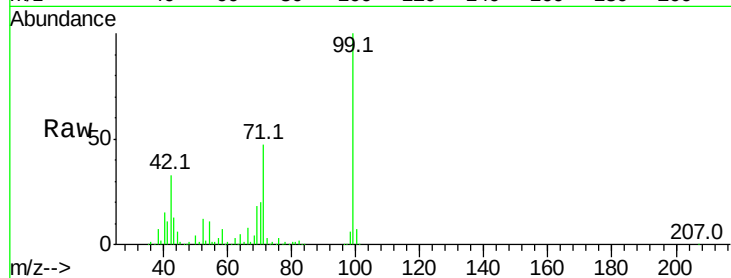
Tot Ion: 99 Resp: 708645

Ion Ratio Lower Upper

99 100

42 32.7 11.0 16.4#

71 47.3 23.4 35.2#



#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

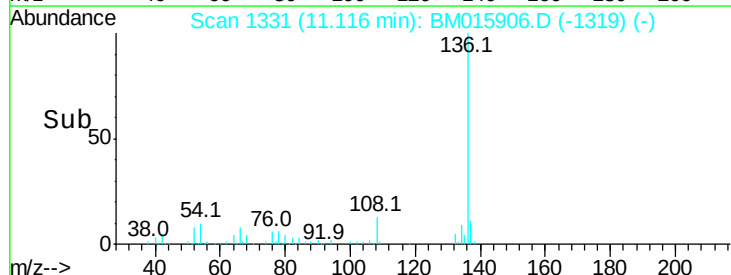
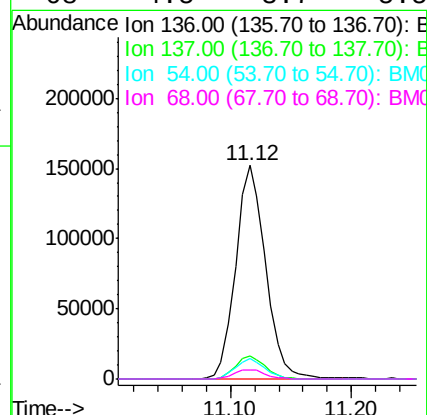
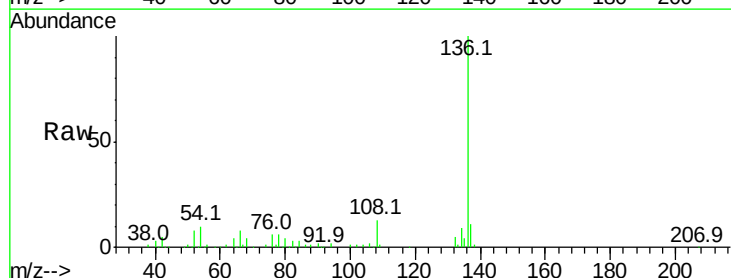
Ion Ratio Lower Upper

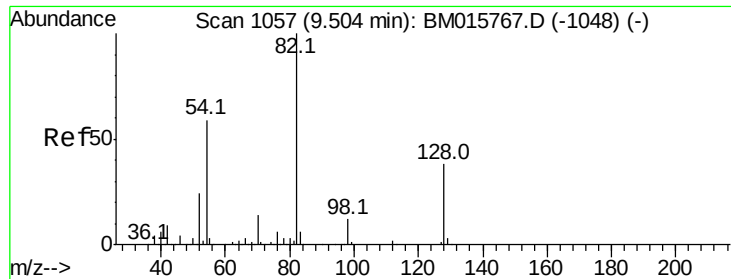
136 100

137 10.9 8.7 13.1

54 9.6 4.6 6.8#

68 4.5 3.7 5.5

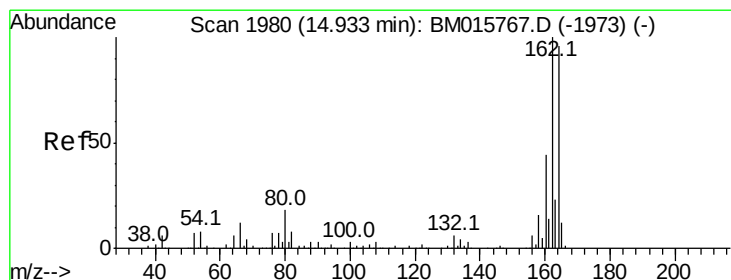
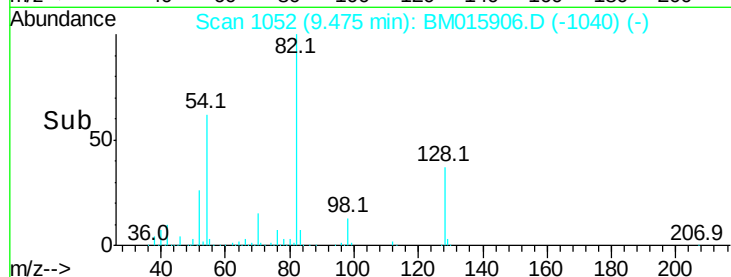
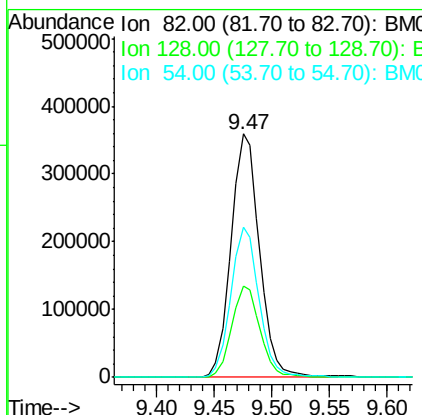
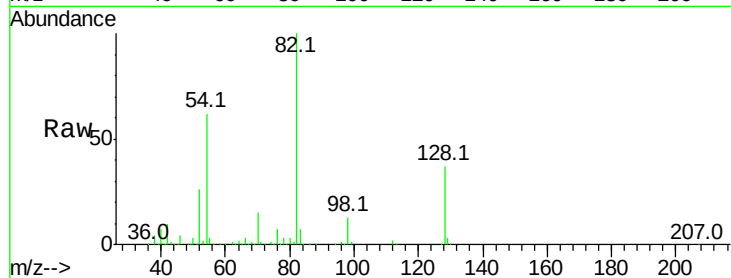




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015906.D
Acq: 12 Jul 2018 09:41

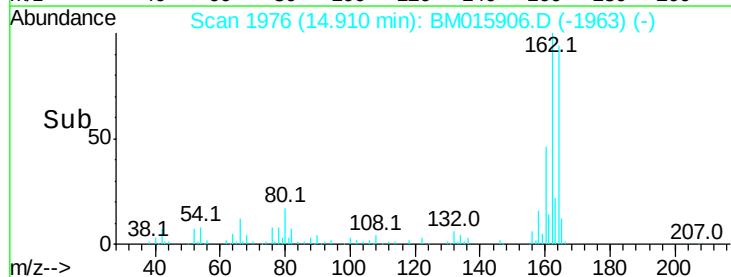
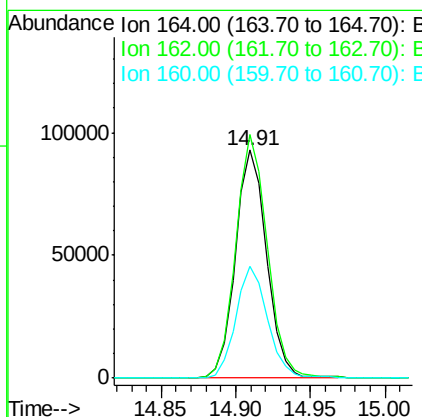
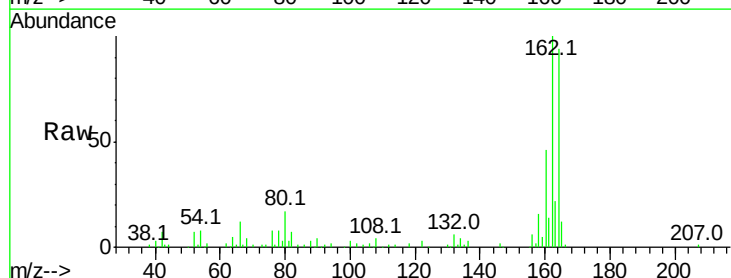
Instrument :
BNA_M
ClientSampleId :
EO-01-071018-C

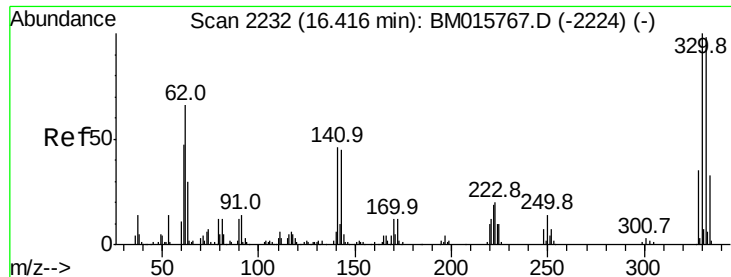
Tot Ion: 82 Resp: 614578
Ion Ratio Lower Upper
82 100
128 37.3 32.8 49.2
54 61.8 40.6 60.8#



#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:164 Resp: 135155
Ion Ratio Lower Upper
164 100
162 106.8 82.4 123.6
160 49.0 35.8 53.6

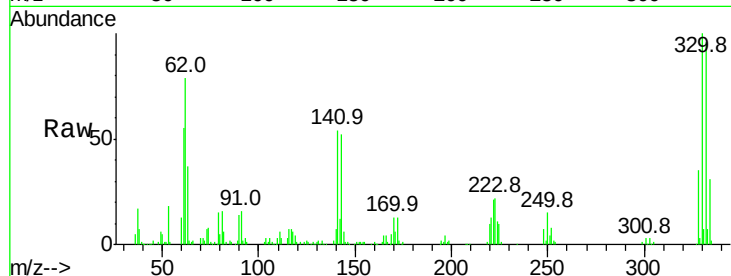




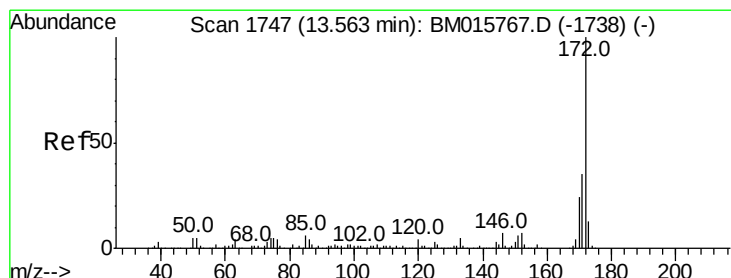
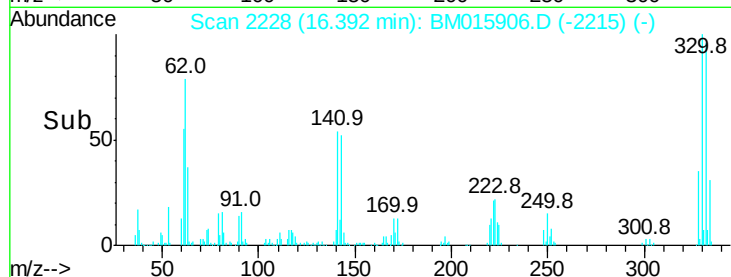
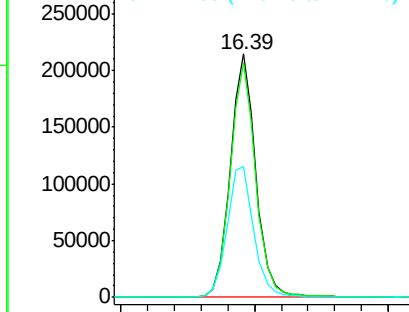
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

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

Tot Ion:330 Resp: 287183
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 56.4 0.0 0.0#

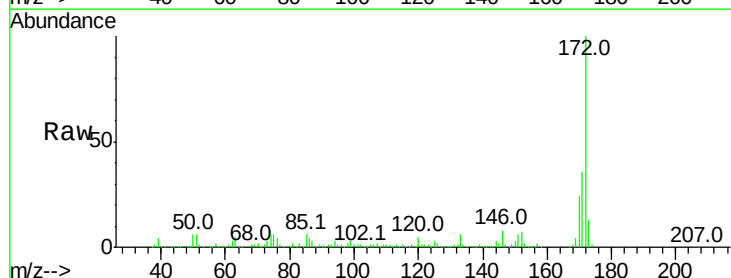


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

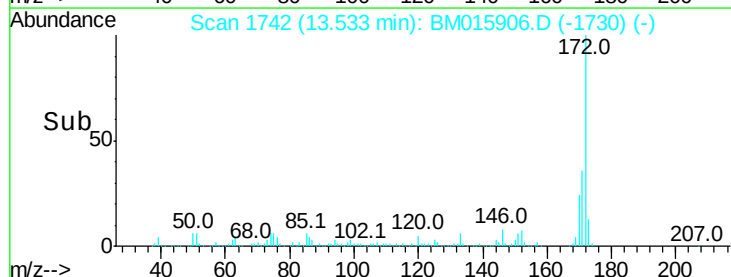
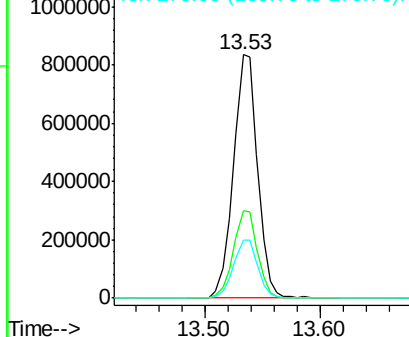


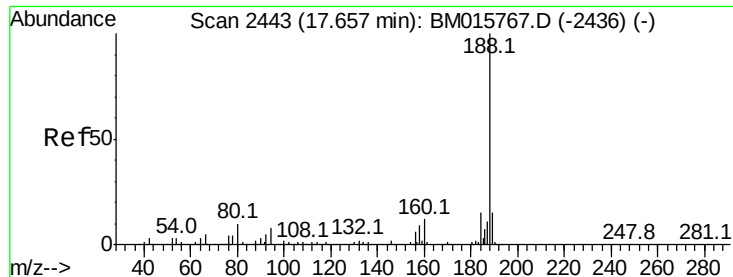
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

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

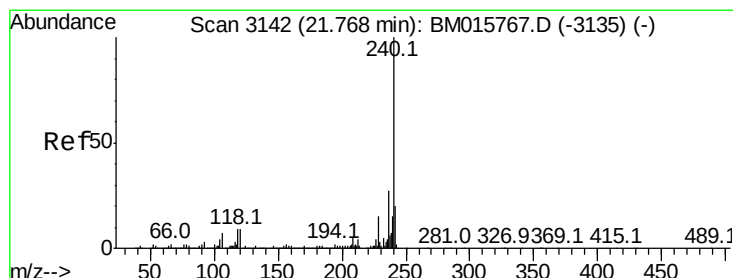
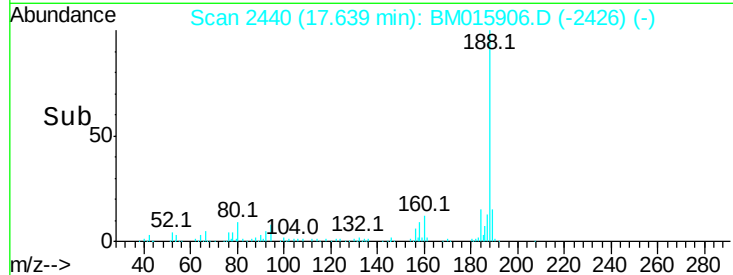
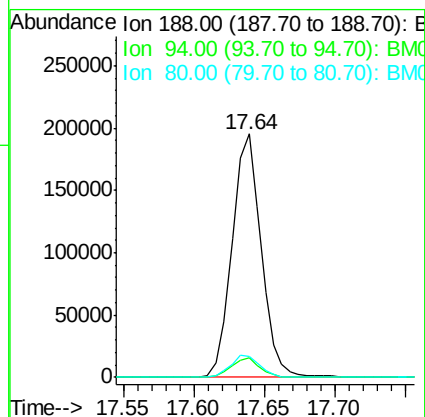
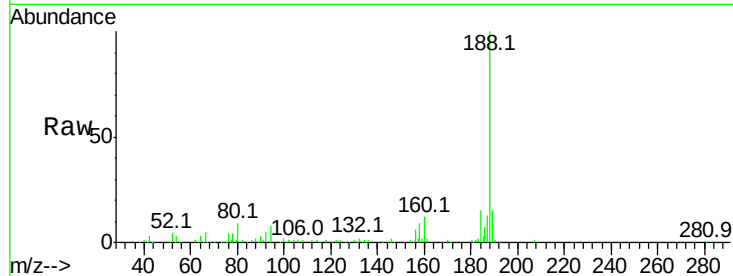




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BM015906.D
 Acq: 12 Jul 2018 09:41

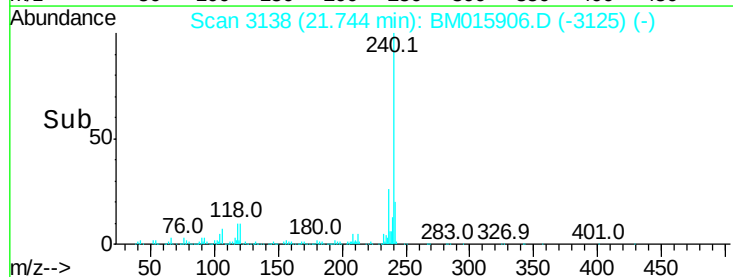
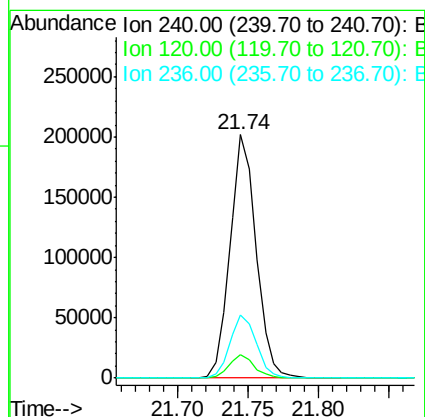
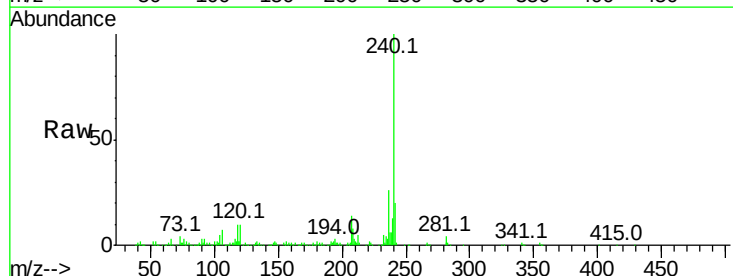
Instrument :
 BNA_M
 ClientSampleId :
 EO-01-071018-C

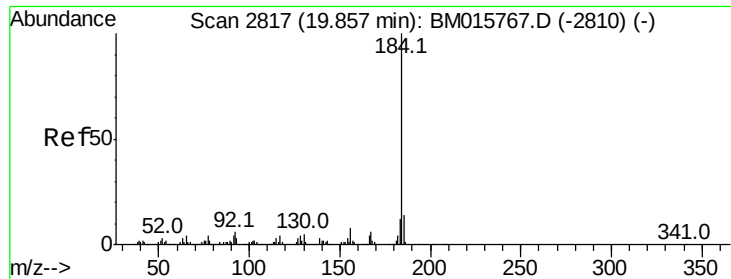
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.7	13.1#
80	8.5	9.3	13.9#



#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	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

Instrument :

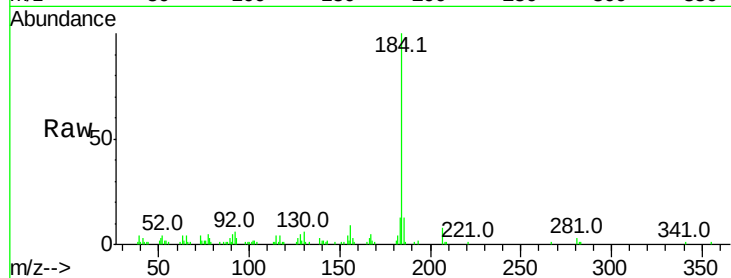
BNA_M

ClientSampleId :

EO-01-071018-C

Tot Ion:184 Resp: 87871

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.3	16.9
183	12.7	8.9	13.3

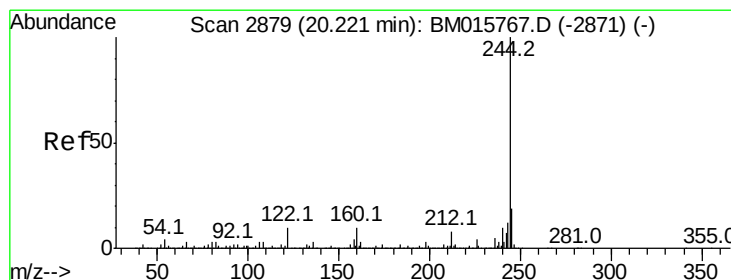
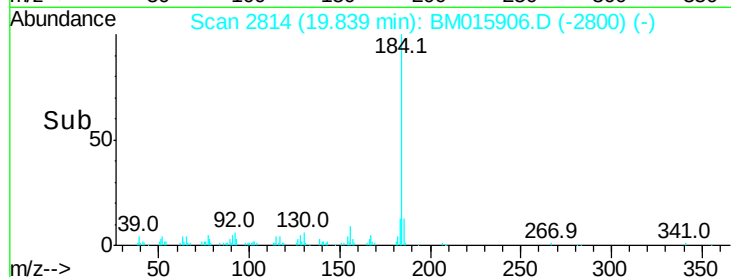
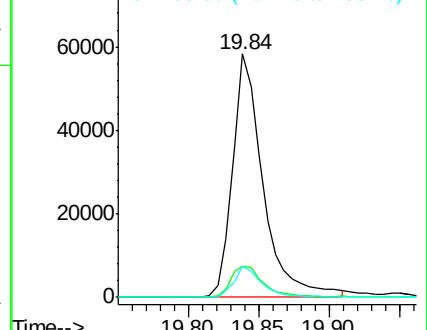


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.20 min Scan# 2875

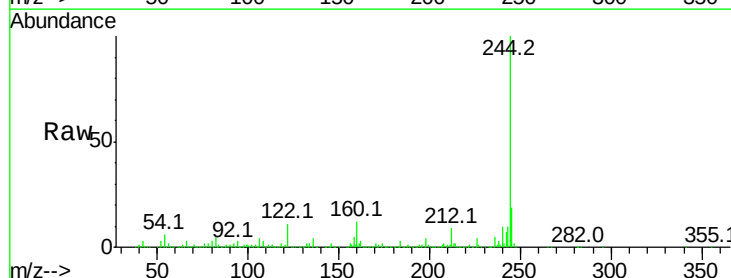
Delta R.T. -0.02 min

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#

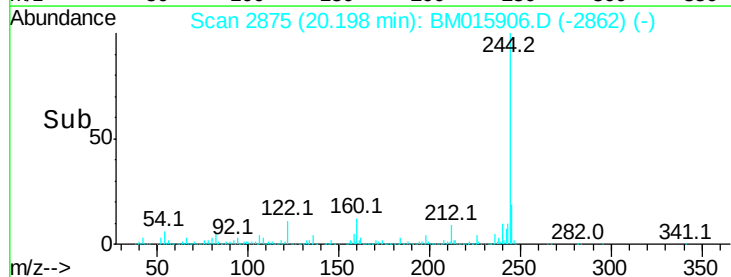
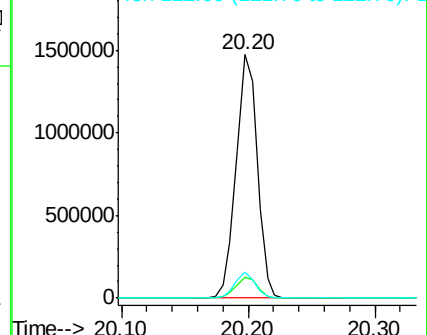


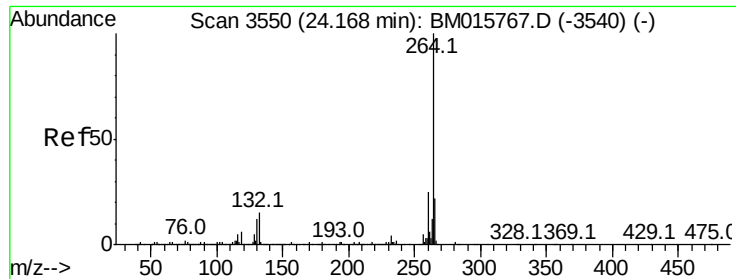
Abundance

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
Pervlene-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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.6	27.8
265	22.4	17.3	25.9

