

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015776.D
 Acq On : 05 Jul 2018 20:31
 Operator : SJ/JU
 Sample : J3840-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 06:56:52 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

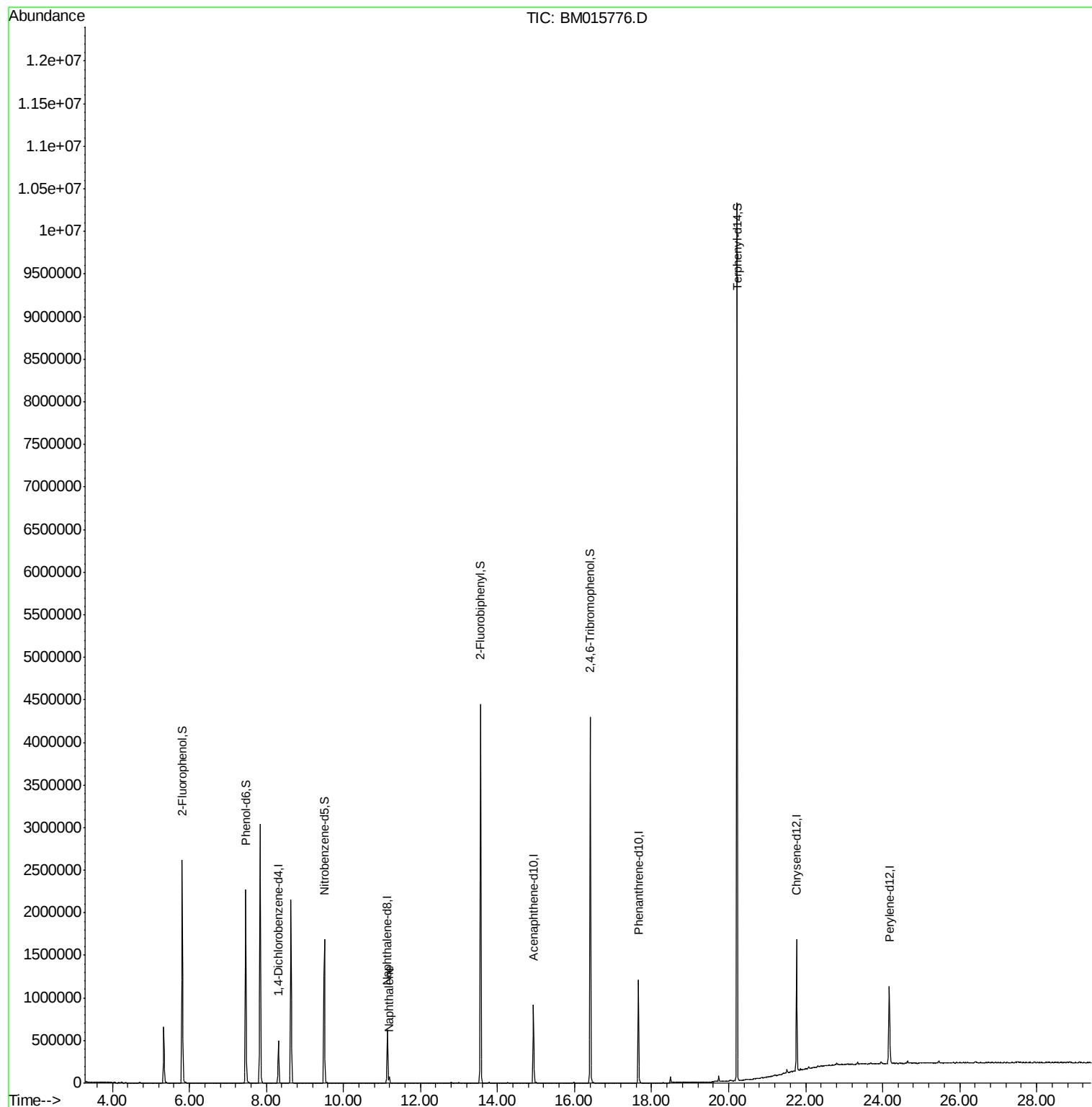
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	117186	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	465718	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	271158	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	630175	20.00	ng	0.00
75) Chrysene-d12	21.76	240	671488	20.00	ng	0.00
86) Perylene-d12	24.17	264	633945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	909166	133.05	ng	0.00
7) Phenol-d6	7.47	99	1037048	110.86	ng	0.00
23) Nitrobenzene-d5	9.50	82	898175	94.10	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	565706	159.67	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1966257	90.02	ng	0.00
78) Terphenyl-d14	20.22	244	3798085	104.92	ng	0.00
Target Compounds						
31) Naphthalene	11.19	128	56780	2.352	ng	Qvalue 98

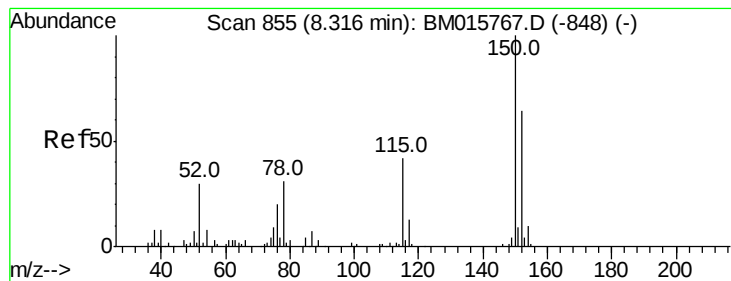
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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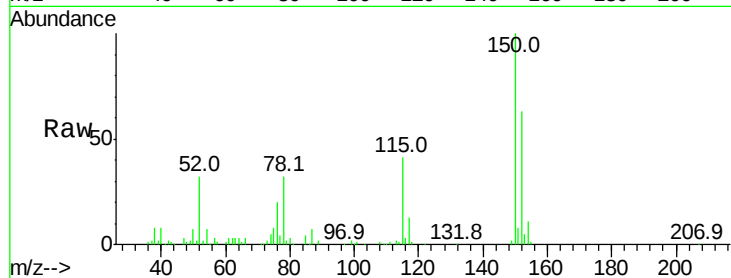




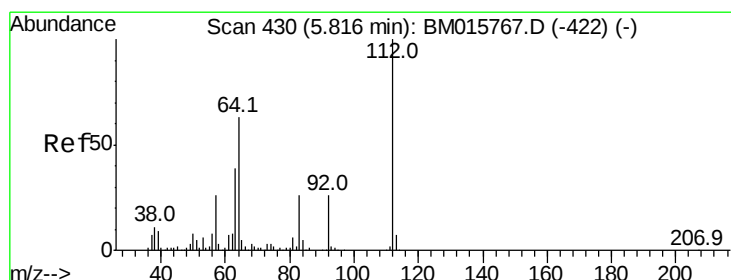
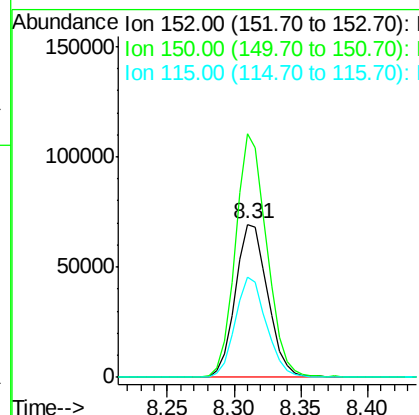
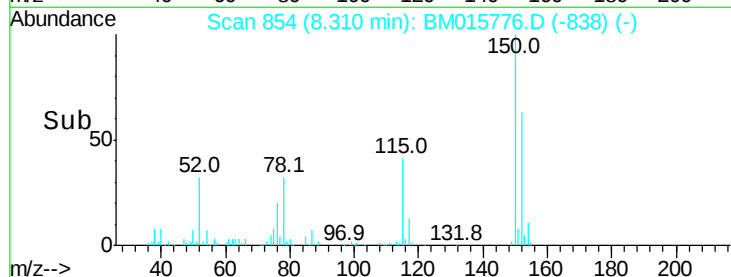
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BM015776.D
 Acq: 05 Jul 2018 20:31

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 117186
 Ion Ratio Lower Upper
 152 100
 150 159.0 119.5 179.3
 115 65.5 43.0 64.4#

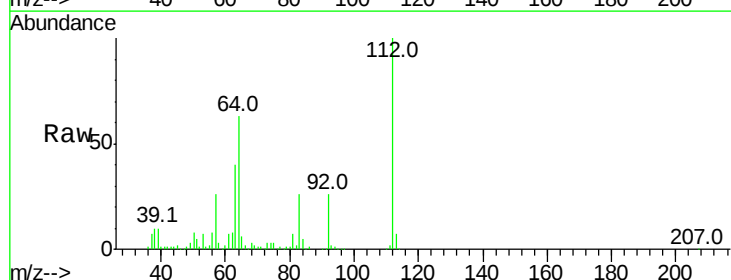


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

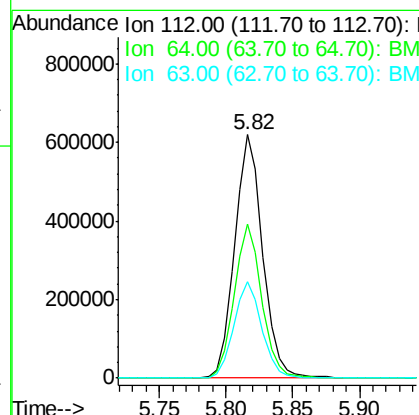
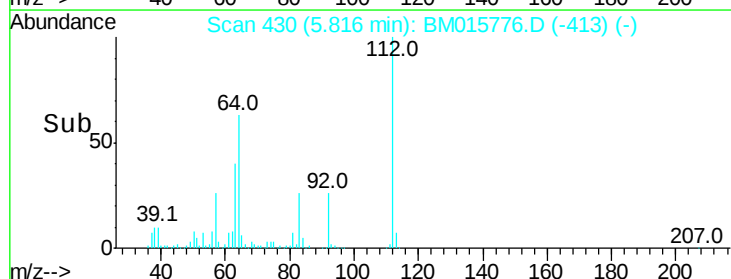


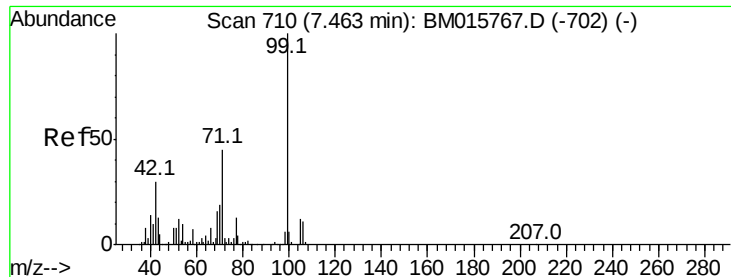
#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.82 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BM015776.D
 Acq: 05 Jul 2018 20:31

Tgt Ion:112 Resp: 909166
 Ion Ratio Lower Upper
 112 100
 64 63.2 38.6 57.8#
 63 39.6 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: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

Instrument :

BNA_M

ClientSampleId :

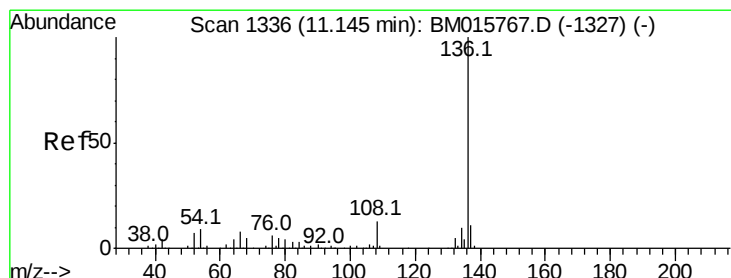
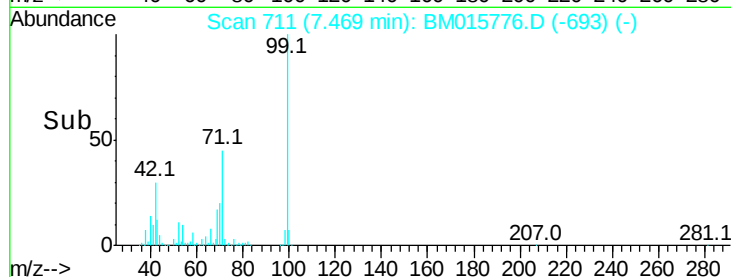
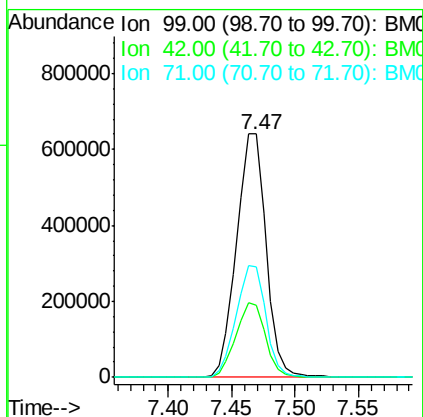
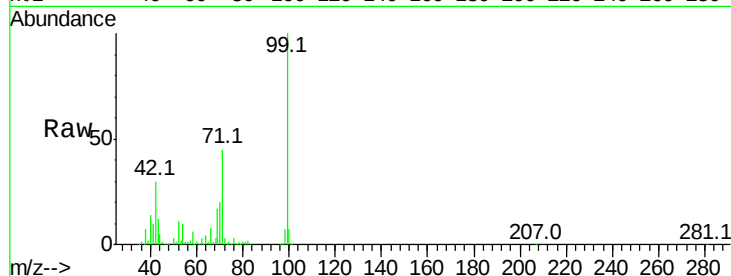
Tot Ion: 99 Resp: 1037048

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

71 45.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

Tgt Ion: 136 Resp: 465718

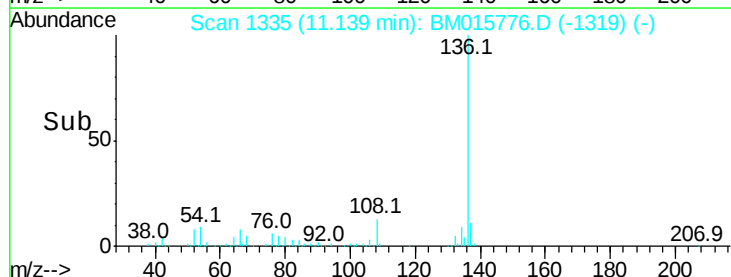
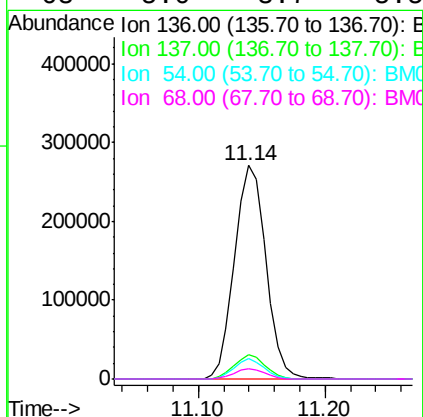
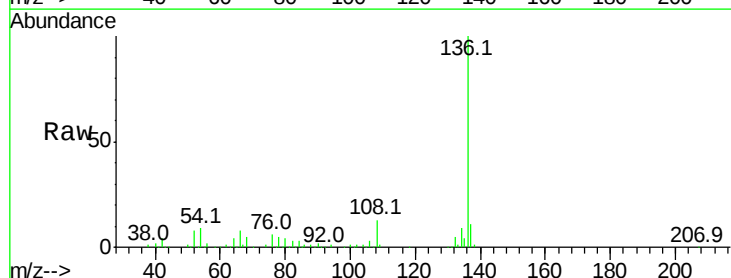
Ion Ratio Lower Upper

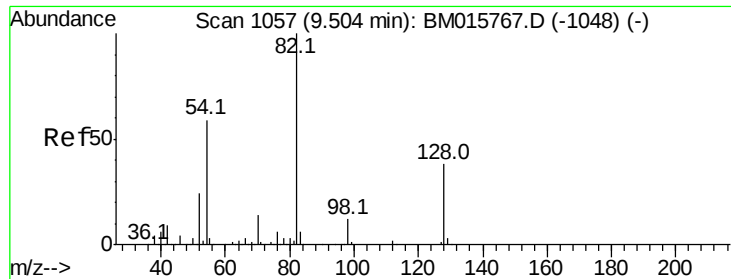
136 100

137 11.2 8.7 13.1

54 9.3 4.6 6.8#

68 5.0 3.7 5.5

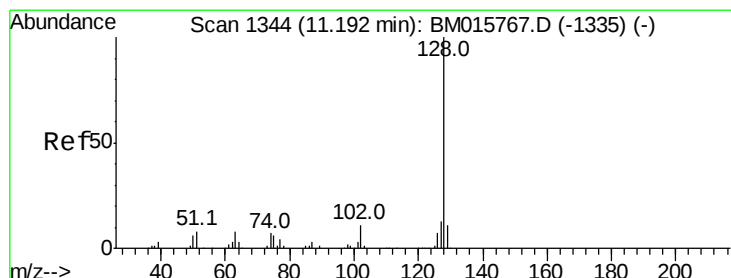
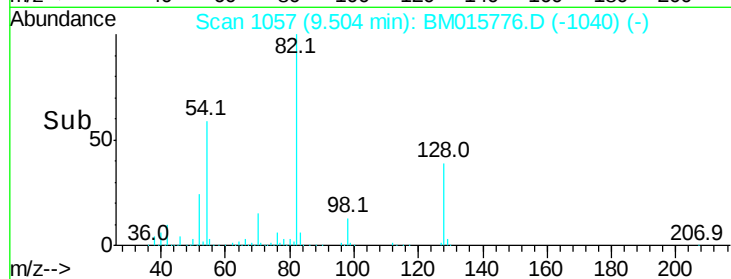
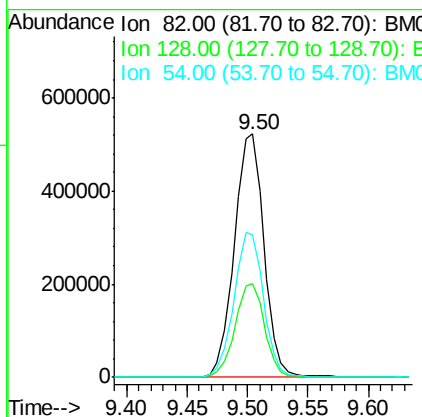
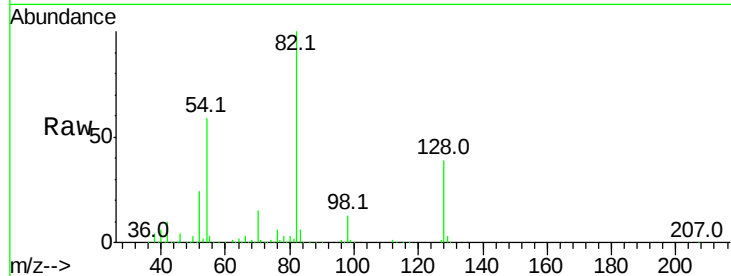




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BM015776.D
 Acq: 05 Jul 2018 20:31

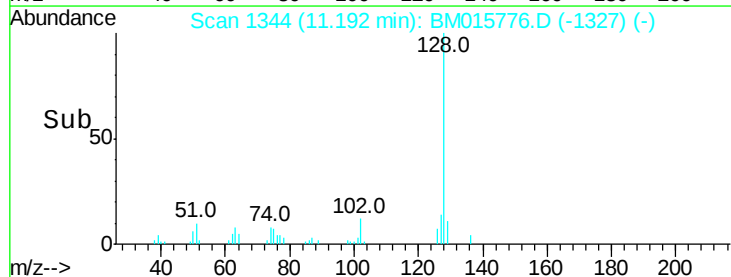
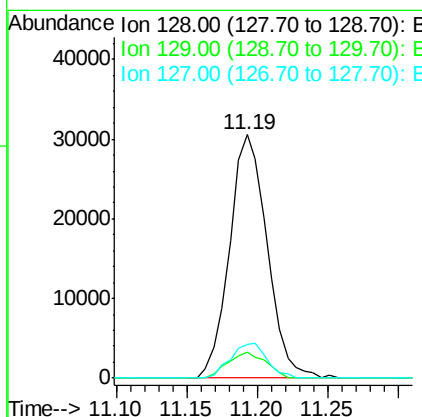
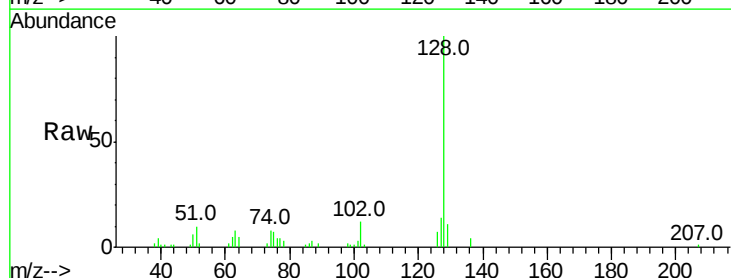
Instrument :
 BNA_M
 ClientSampleId :

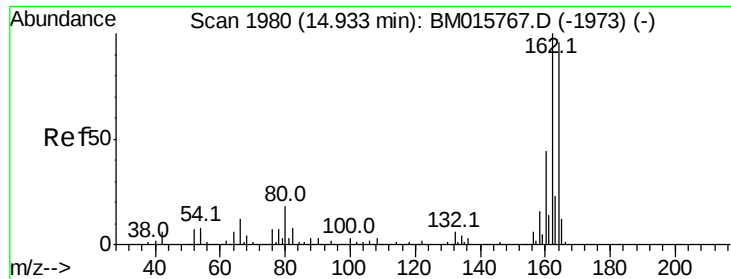
Tot Ion	82	Resp	898175
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.8	49.2
54	58.8	40.6	60.8



#31
 Naphthalene
 Concen: 2.352 ng
 RT: 11.19 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BM015776.D
 Acq: 05 Jul 2018 20:31

Tgt Ion	128	Resp	56780
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	14.0	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

Instrument :

BNA_M

ClientSampleId :

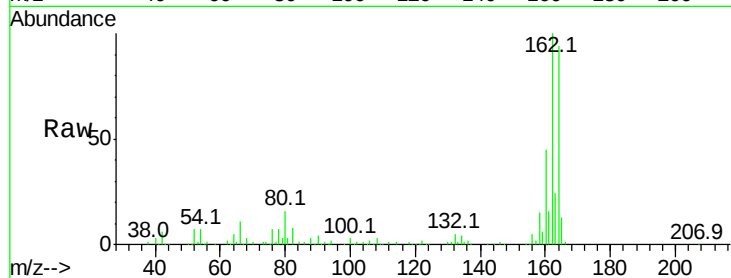
Tot Ion:164 Resp: 271158

Ion Ratio Lower Upper

164 100

162 106.4 82.4 123.6

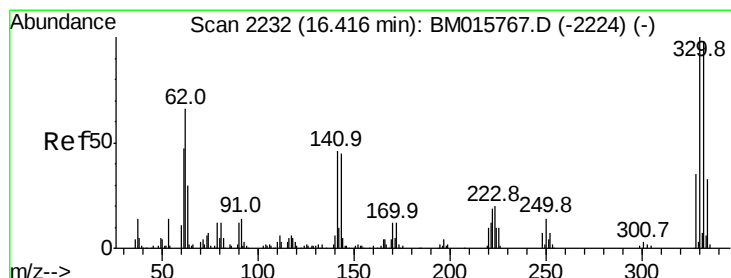
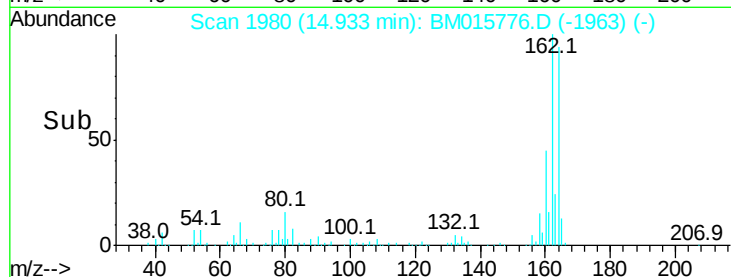
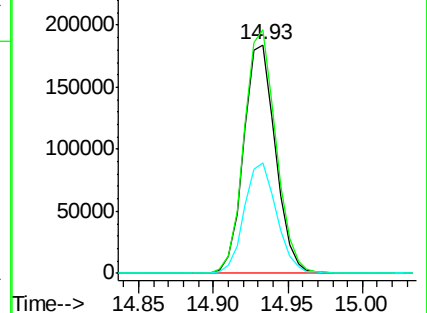
160 48.2 35.8 53.6



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: 16.42 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

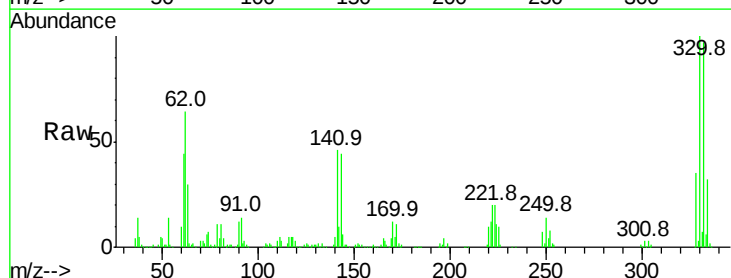
Tgt Ion:330 Resp: 565706

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

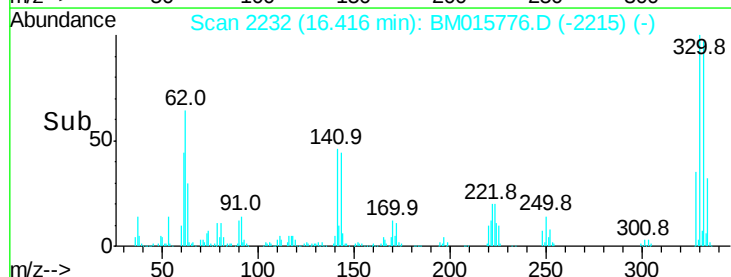
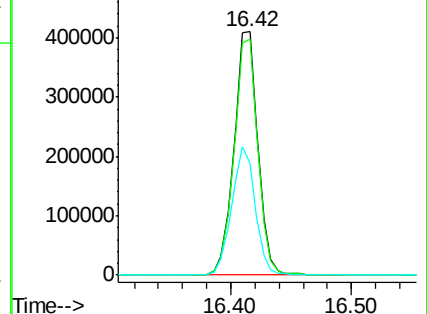
141 51.8 0.0 0.0#

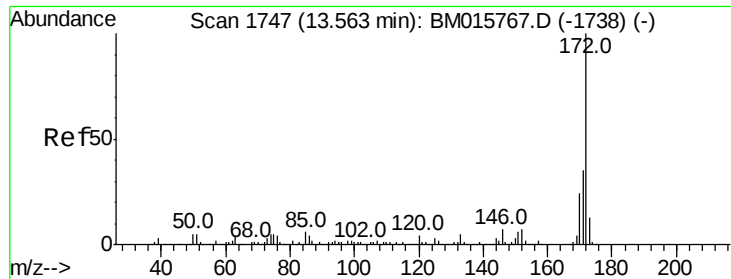


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

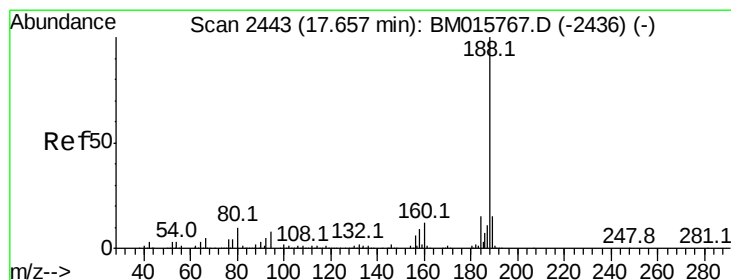
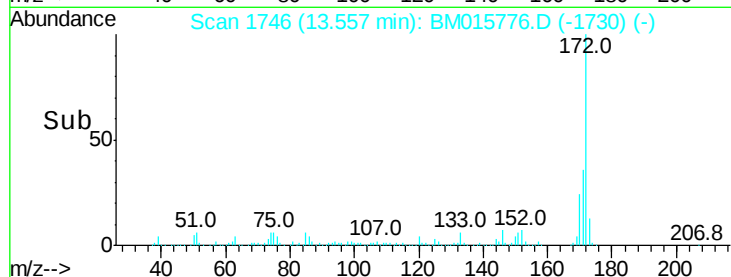
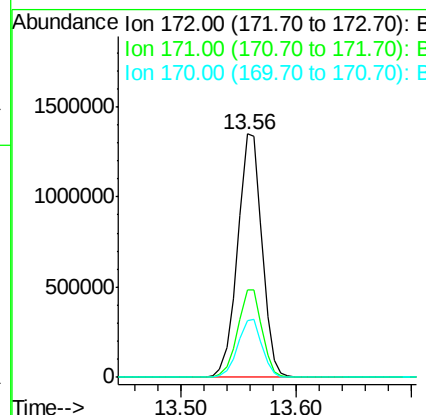
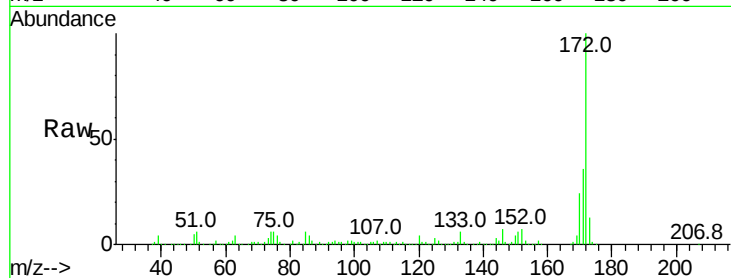




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.56 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM015776.D
Acq: 05 Jul 2018 20:31

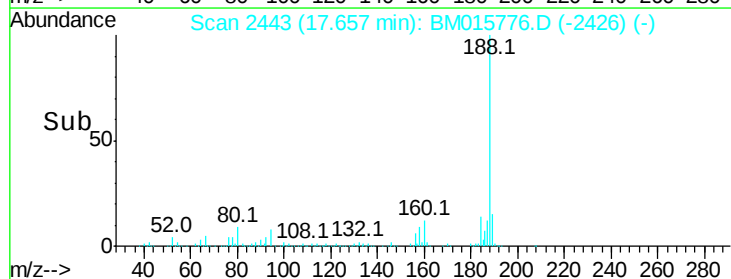
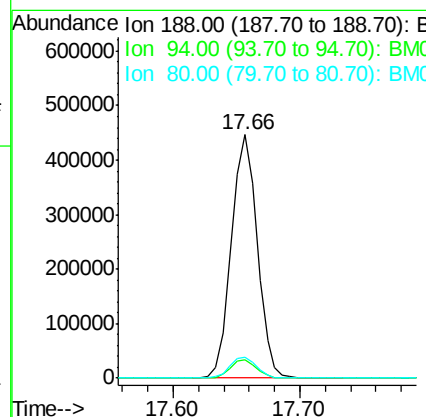
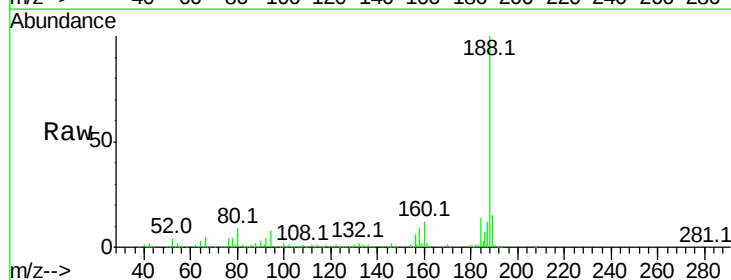
Instrument :
BNA_M
ClientSampleId :

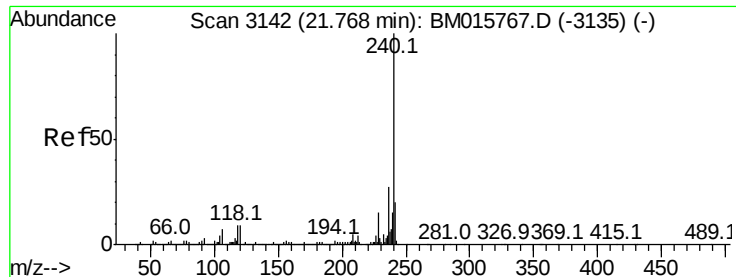
Tot Ion:172 Resp: 1966257
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015776.D
Acq: 05 Jul 2018 20:31

Tgt Ion:188 Resp: 630175
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.8 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

Instrument :

BNA_M

ClientSampleId :

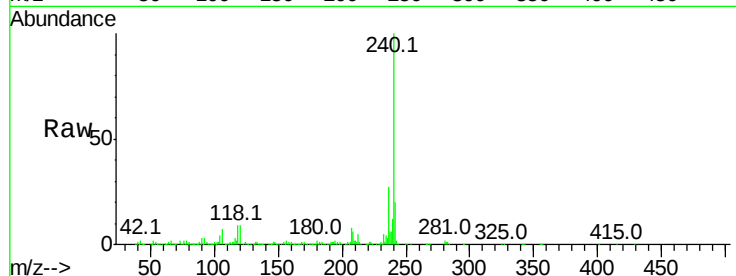
Tot Ion:240 Resp: 671488

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

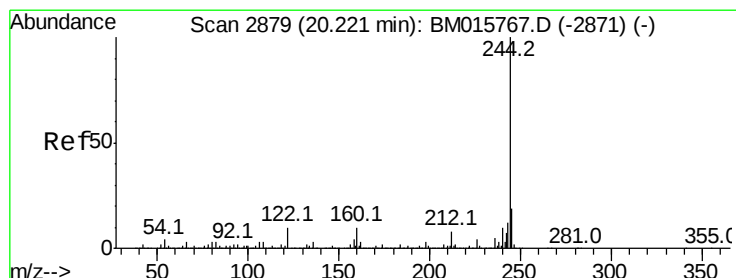
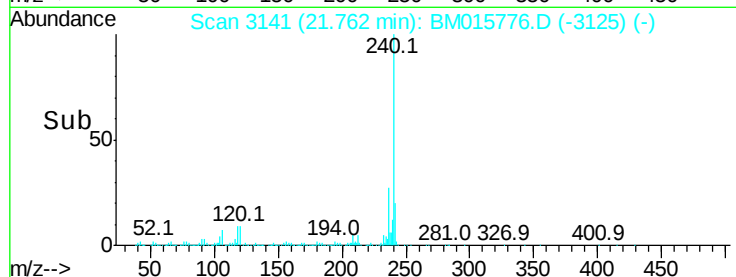
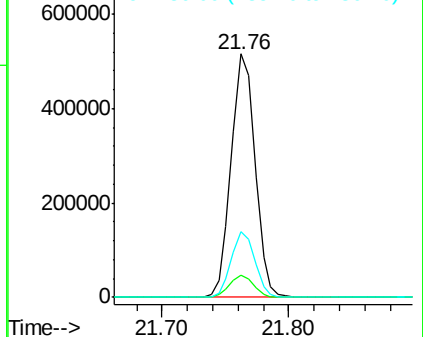
236 26.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015776.D

Acq: 05 Jul 2018 20:31

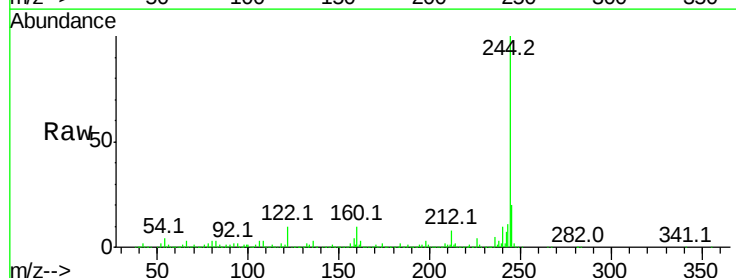
Tgt Ion:244 Resp: 3798085

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

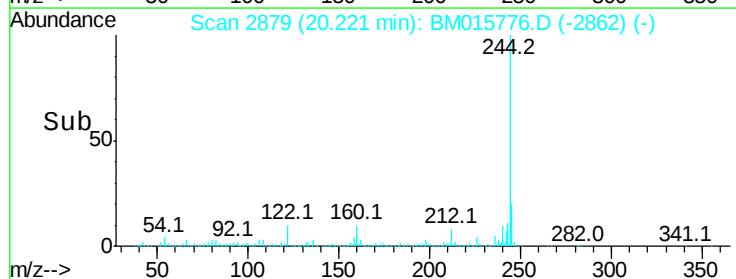
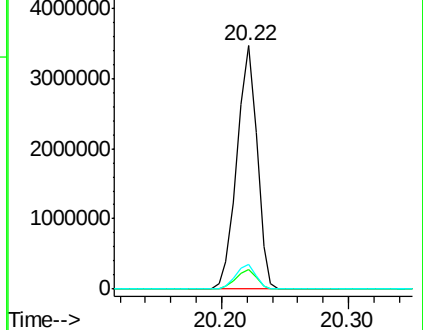
122 9.9 6.2 9.4#

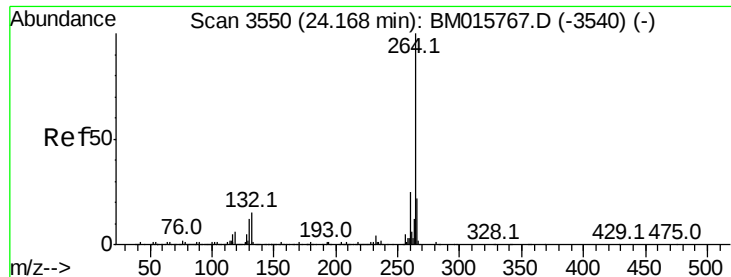


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

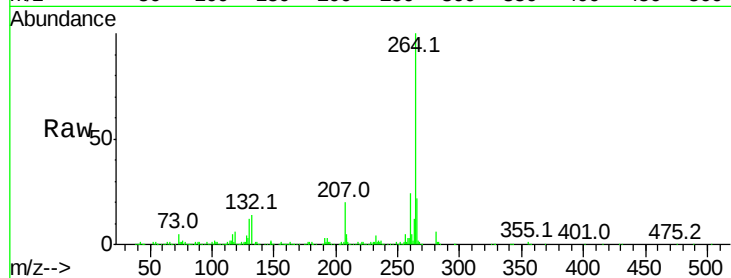




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.17 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: BM015776.D
 Acq: 05 Jul 2018 20:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.8	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

