

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015772.D
 Acq On : 05 Jul 2018 18:01
 Operator : SJ/JU
 Sample : J3814-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 8782-AA

Quant Time: Jul 06 06:47:48 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	8.32	152	107365	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	419554	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	243566	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	575186	20.00	ng	0.00
75) Chrysene-d12	21.76	240	620650	20.00	ng	0.00
86) Perylene-d12	24.17	264	604626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	898052	143.45	ng	0.00
7) Phenol-d6	7.46	99	1035009	120.76	ng	0.00
23) Nitrobenzene-d5	9.50	82	875103	101.77	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	559880	175.92	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1904334	97.07	ng	0.00
78) Terphenyl-d14	20.22	244	3710197	110.88	ng	0.00

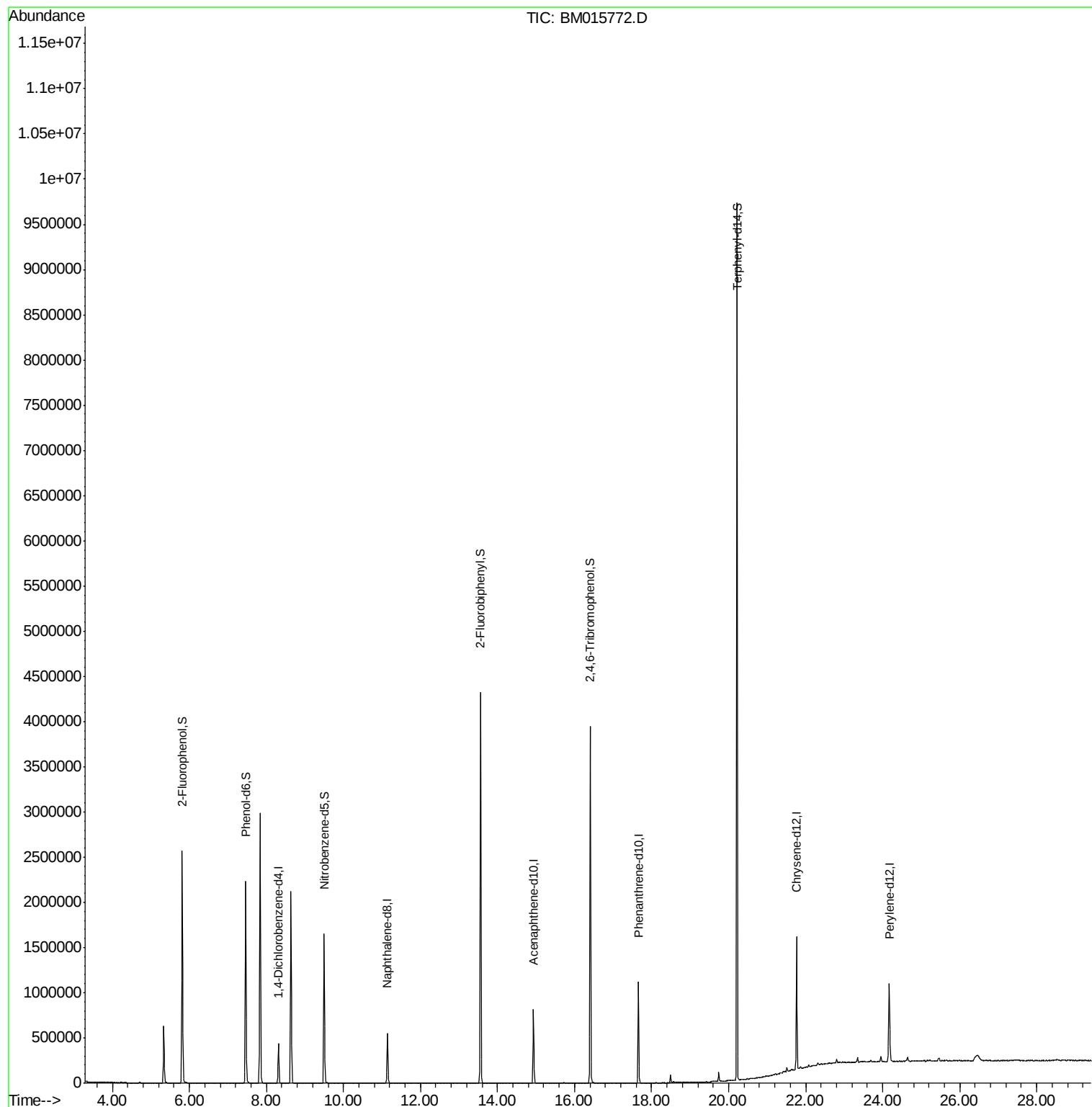
Target Compounds Qvalue

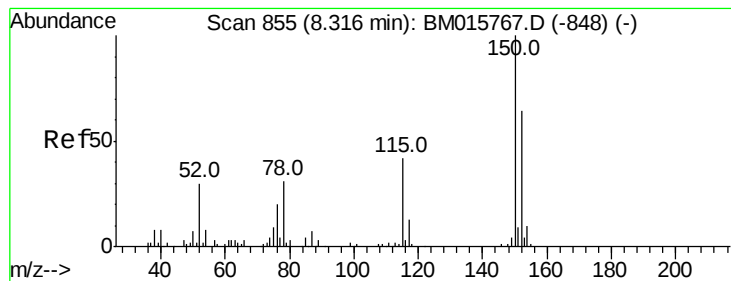
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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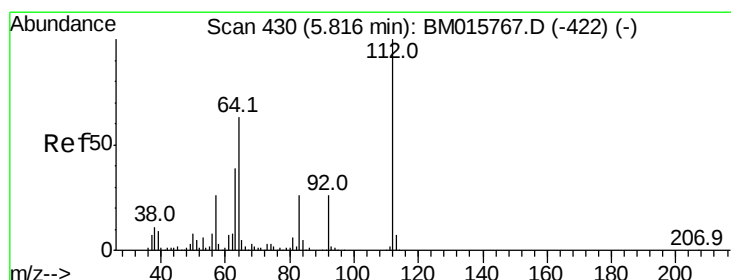
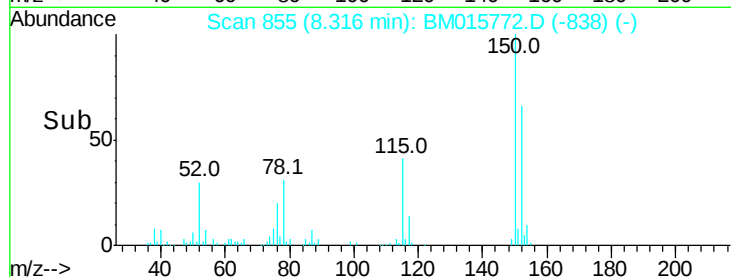
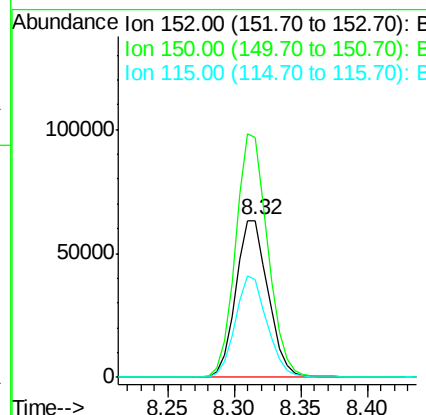
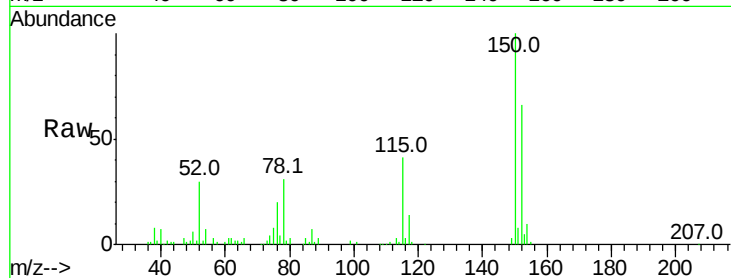


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM015772.D
Acq: 05 Jul 2018 18:01

Instrument :
BNA_M
ClientSampleId :
8782-AA

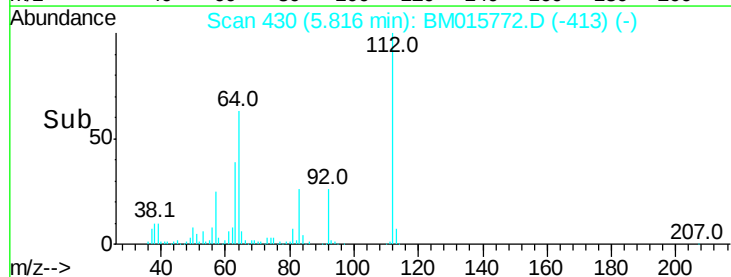
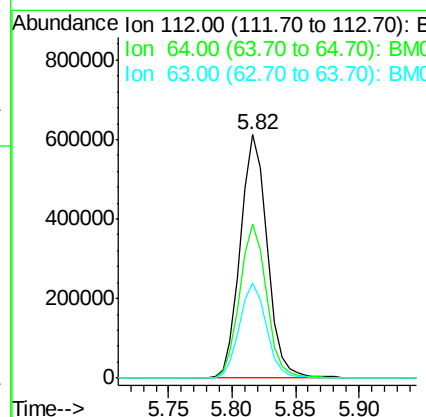
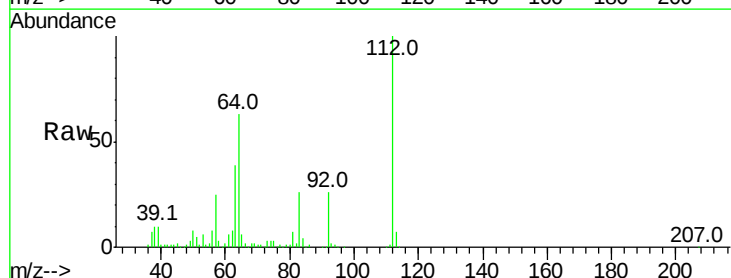
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	61.9	43.0	64.4

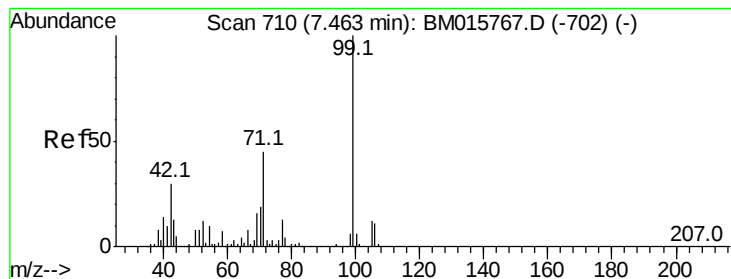


#5

2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015772.D
Acq: 05 Jul 2018 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.1	19.3	28.9#





#7

Phenol-d6

Concen: Below na

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015772.D

Acq: 05 Jul 2018 18:01

Instrument :

BNA_M

ClientSampleId :

8782-AA

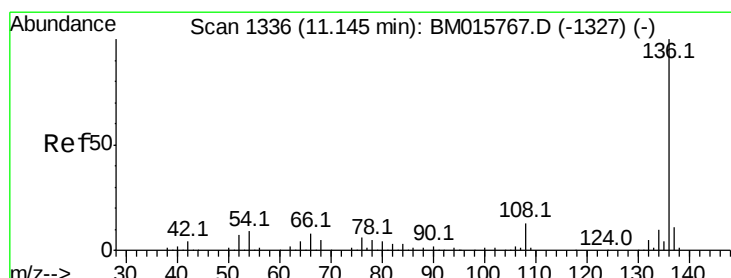
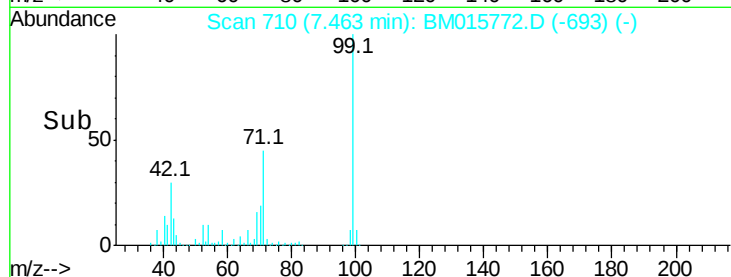
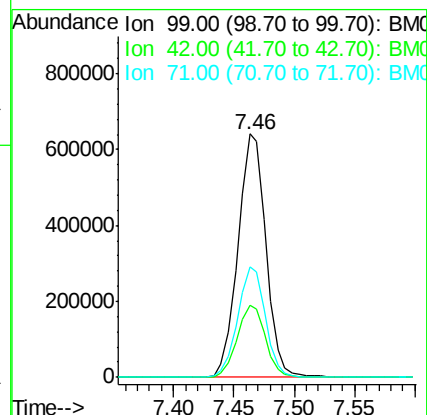
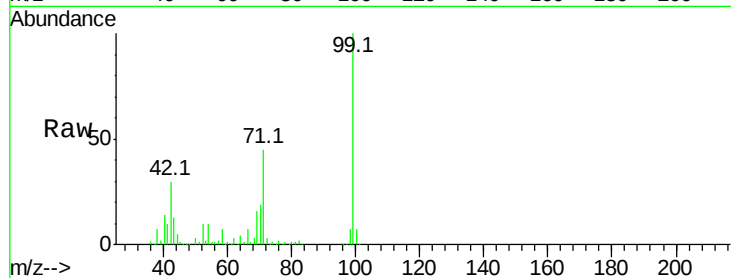
Tot Ion: 99 Resp: 1035009

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

71 45.3 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: BM015772.D

Acq: 05 Jul 2018 18:01

Tgt Ion: 136 Resp: 419554

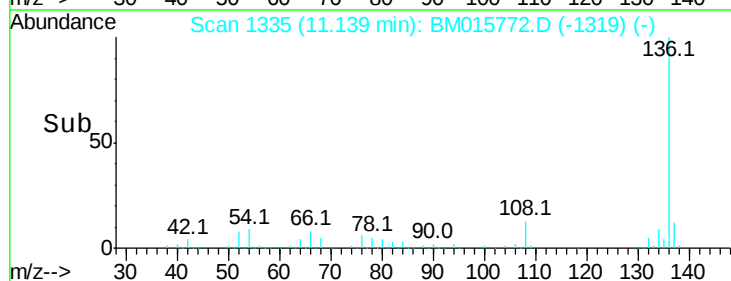
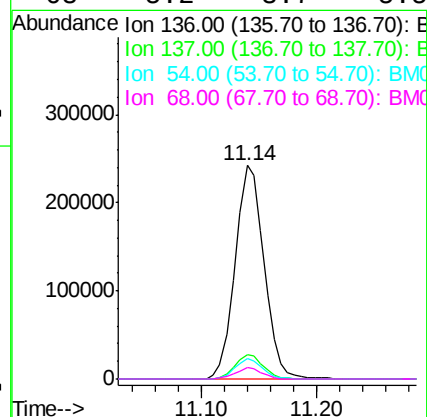
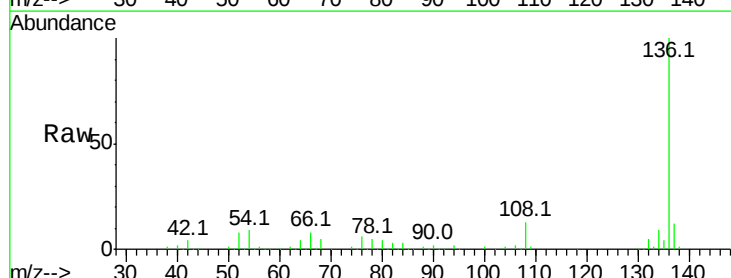
Ion Ratio Lower Upper

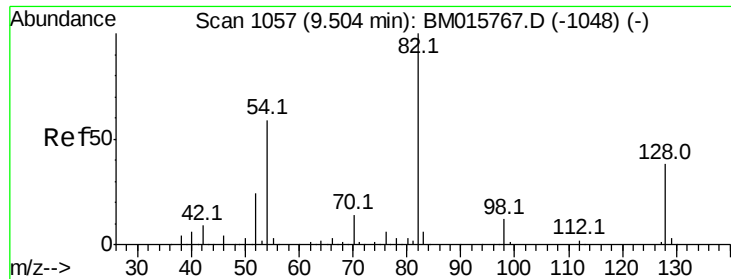
136 100

137 11.6 8.7 13.1

54 9.3 4.6 6.8#

68 5.2 3.7 5.5

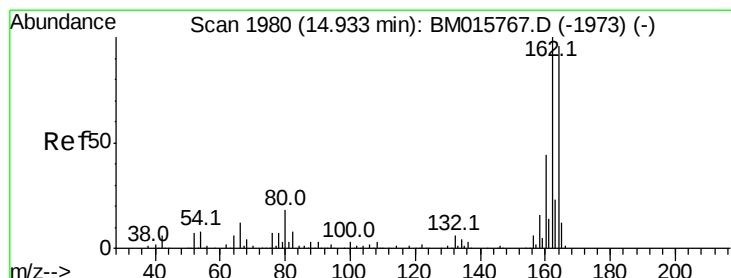
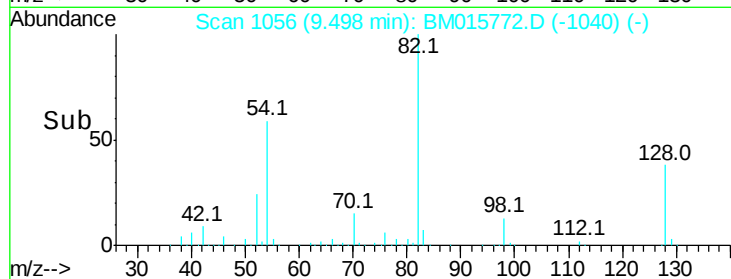
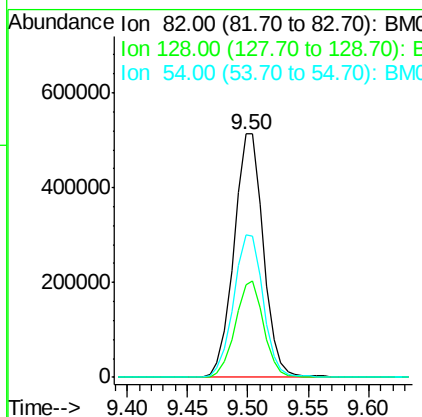
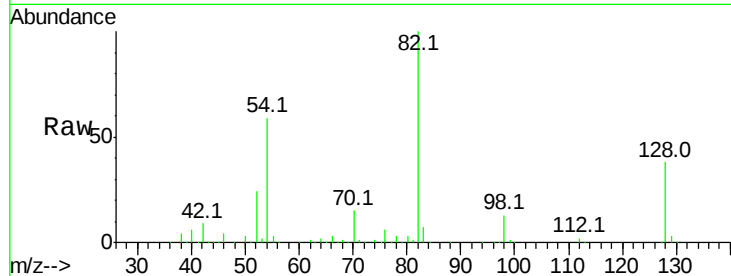




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015772.D
 Acq: 05 Jul 2018 18:01

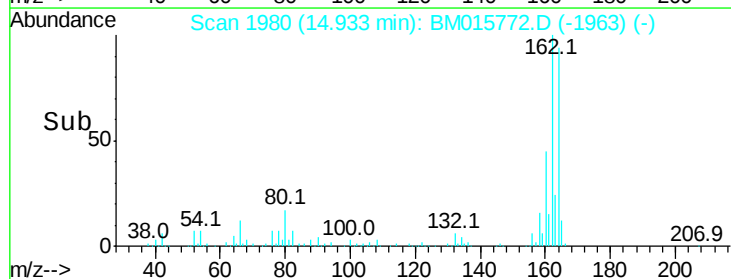
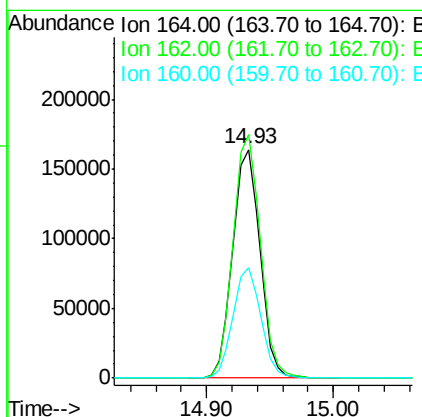
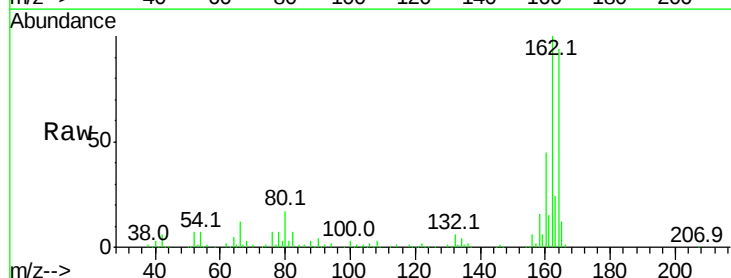
Instrument :
 BNA_M
 ClientSampleId :
 8782-AA

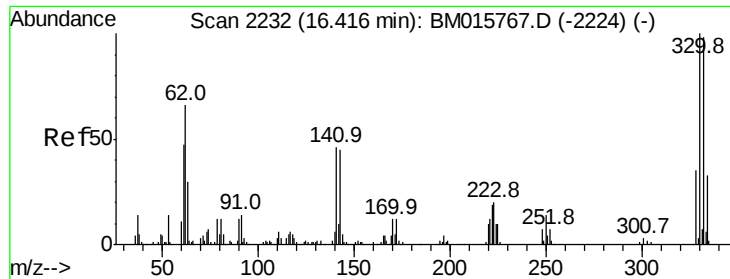
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.8	49.2
54	58.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM015772.D
 Acq: 05 Jul 2018 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.4	123.6
160	48.2	35.8	53.6

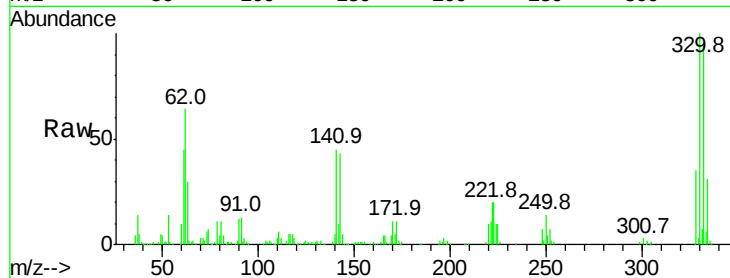




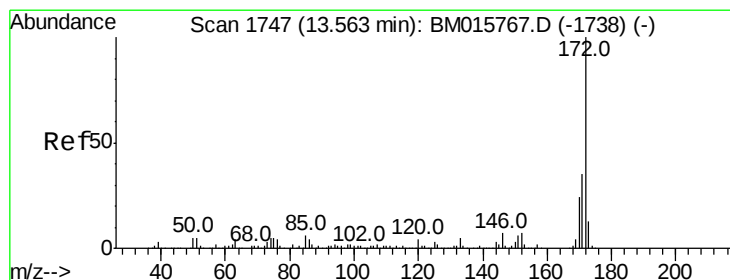
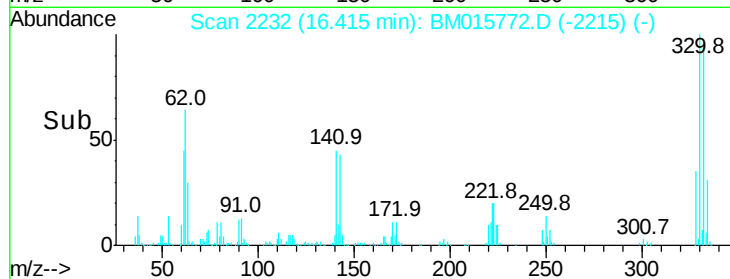
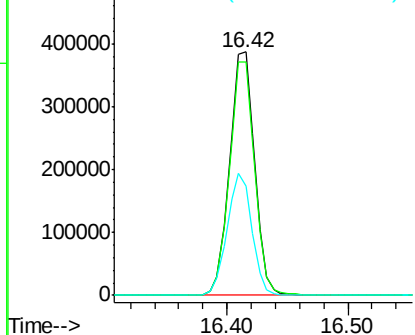
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015772.D
 Acq: 05 Jul 2018 18:01

Instrument :
 BNA_M
 ClientSampleId :
 8782-AA

Tot Ion:330 Resp: 559880
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 49.4 0.0 0.0#

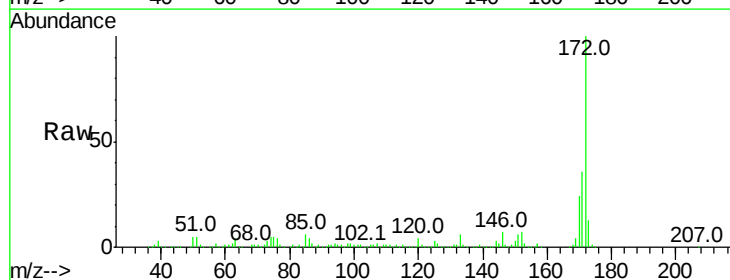


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

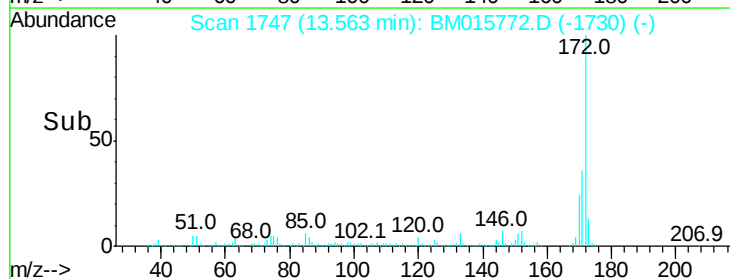
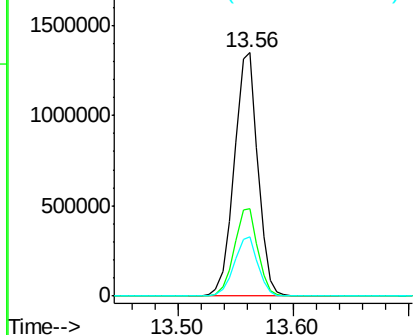


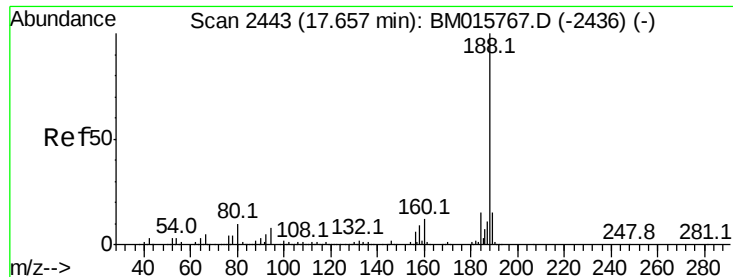
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015772.D
 Acq: 05 Jul 2018 18:01

Tgt Ion:172 Resp: 1904334
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.3 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

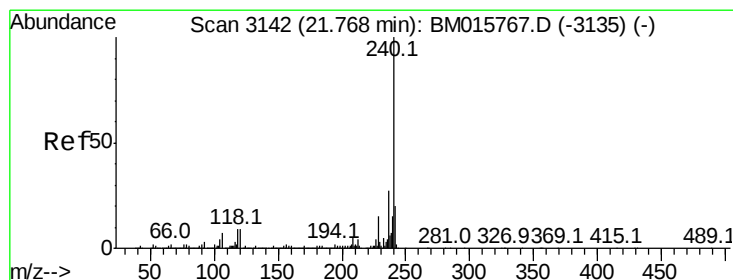
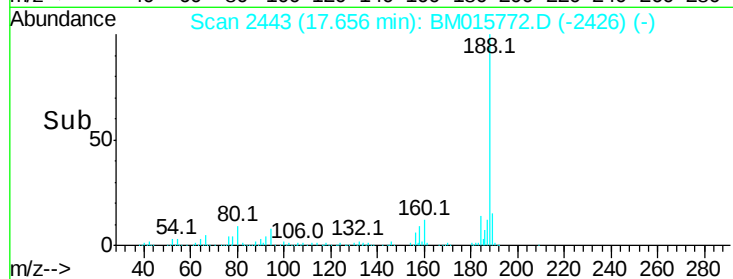
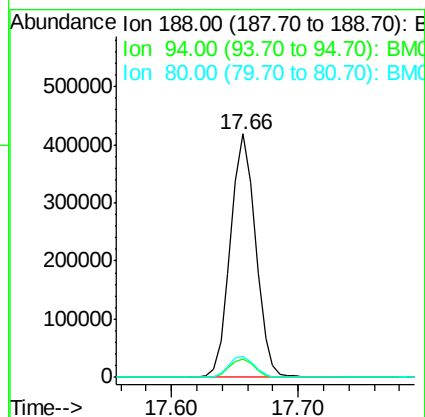
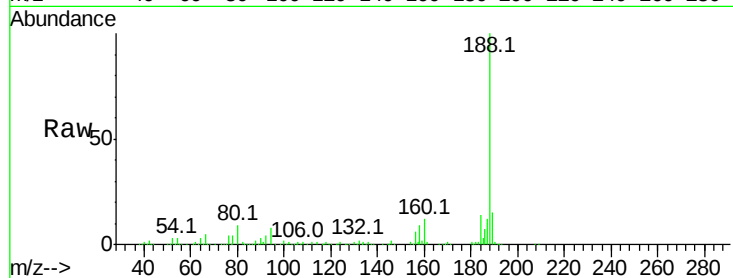




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015772.D
Acq: 05 Jul 2018 18:01

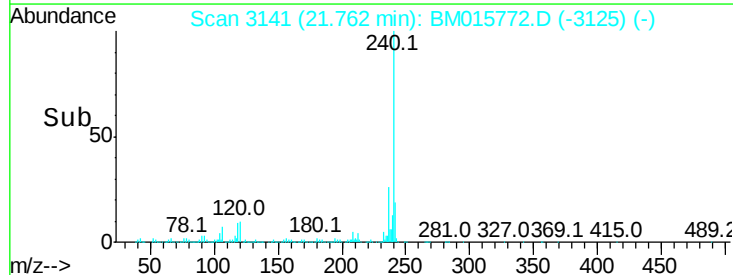
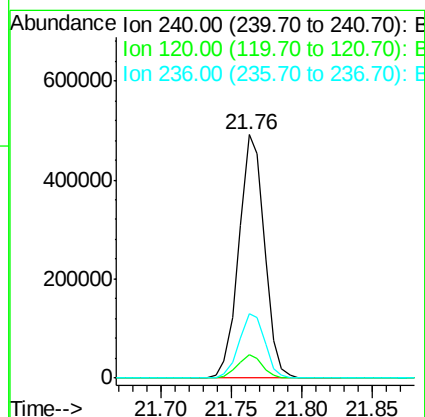
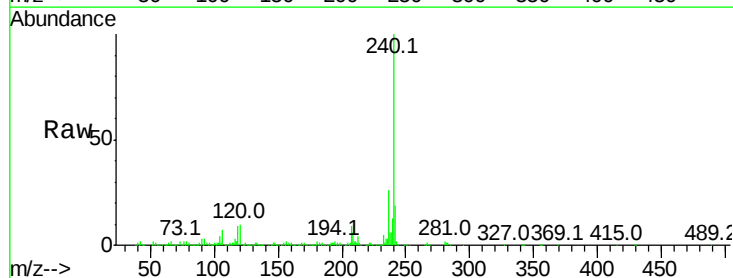
Instrument :
BNA_M
ClientSampleId :
8782-AA

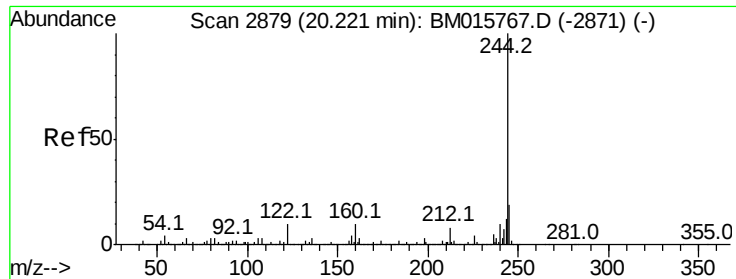
Tot Ion:188 Resp: 575186
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015772.D
Acq: 05 Jul 2018 18:01

Tgt Ion:240 Resp: 620650
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 26.4 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015772.D

Acq: 05 Jul 2018 18:01

Instrument :

BNA_M

ClientSampleId :

8782-AA

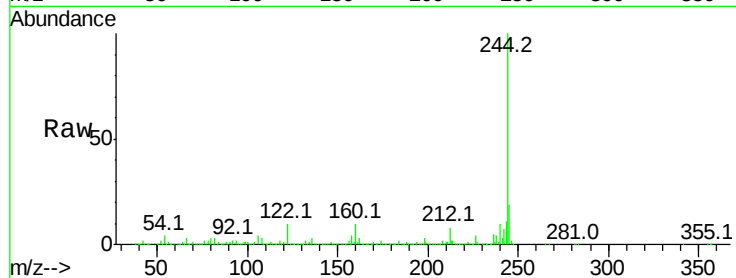
Tot Ion:244 Resp: 3710197

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	9.9	6.2	9.4#

244 100

212 8.2 4.9 7.3#

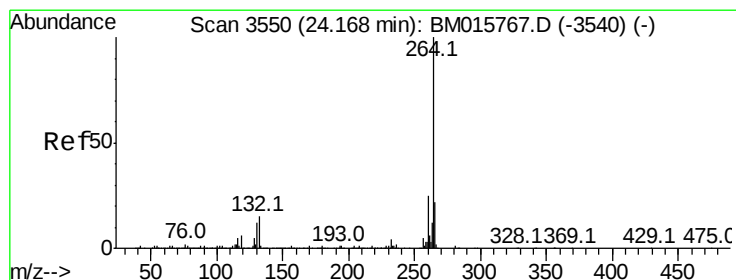
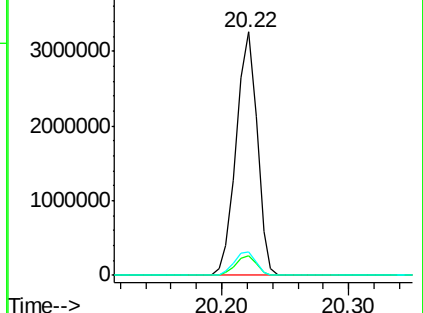
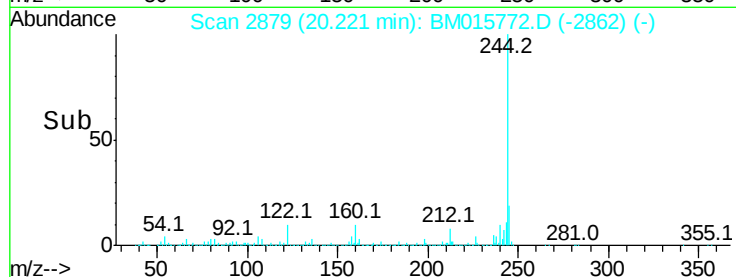
122 9.9 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015772.D

Acq: 05 Jul 2018 18:01

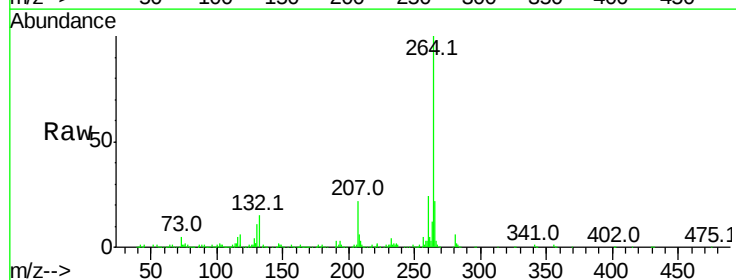
Tgt Ion:264 Resp: 604626

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	22.0	17.3	25.9

264 100

260 24.5 18.6 27.8

265 22.0 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

