

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015781.D
 Acq On : 05 Jul 2018 23:37
 Operator : SJ/JU
 Sample : J3818-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 06:50:33 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	102033	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	406917	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	234692	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	549882	20.00	ng	0.00
75) Chrysene-d12	21.76	240	580106	20.00	ng	0.00
86) Perylene-d12	24.17	264	521766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	832807	139.98	ng	0.00
7) Phenol-d6	7.46	99	962085	118.12	ng	0.00
23) Nitrobenzene-d5	9.50	82	831977	99.76	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	515041	167.95	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1779453	94.13	ng	0.00
78) Terphenyl-d14	20.22	244	3558617	113.79	ng	0.00

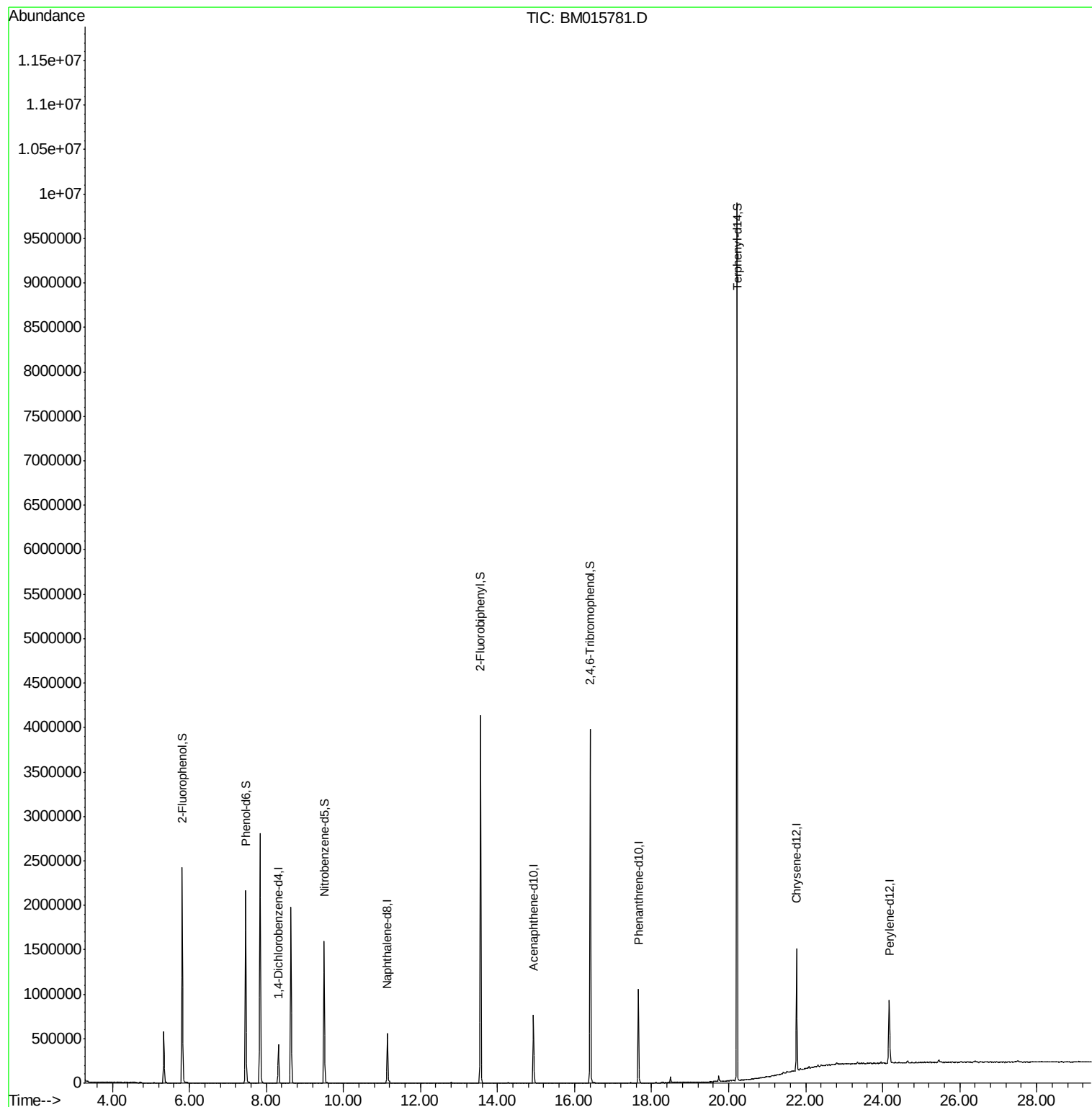
Target Compounds Qvalue

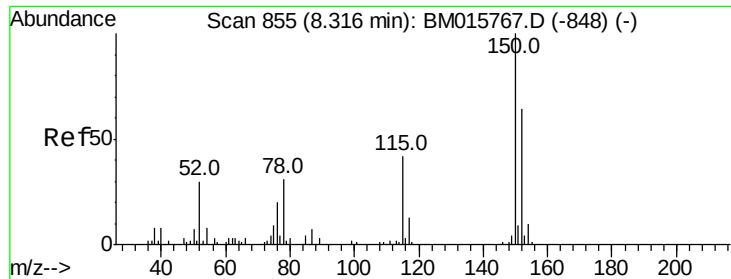
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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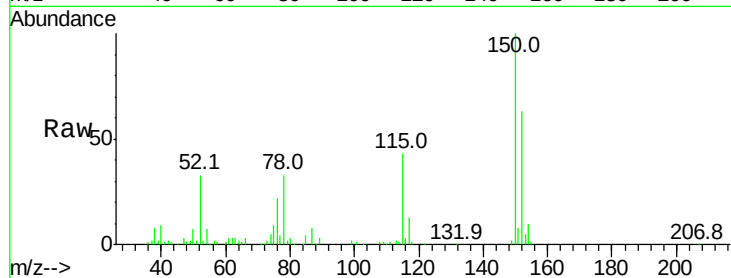


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.5	179.3
115	68.4	43.0	64.4

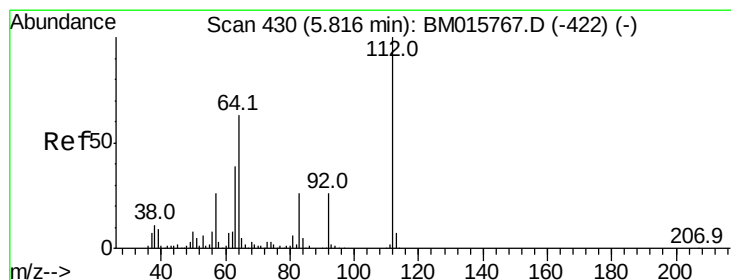
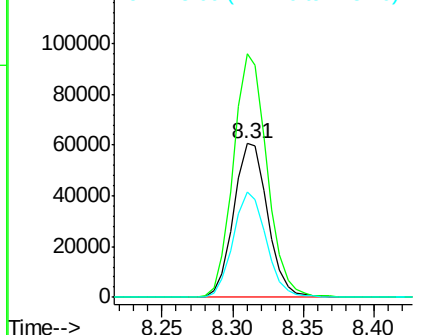
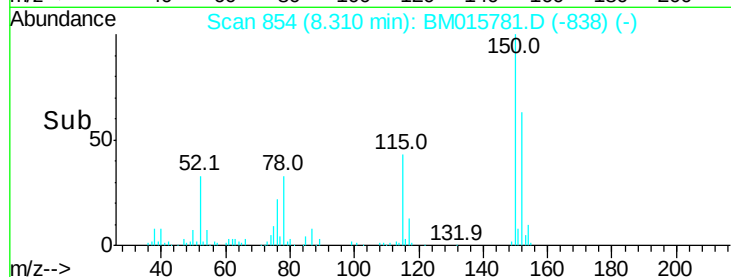


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

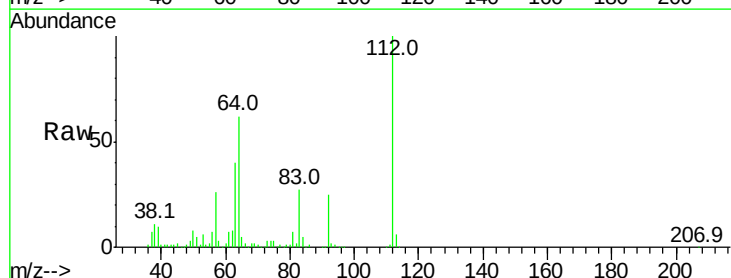
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8
63	39.6	19.3	28.9

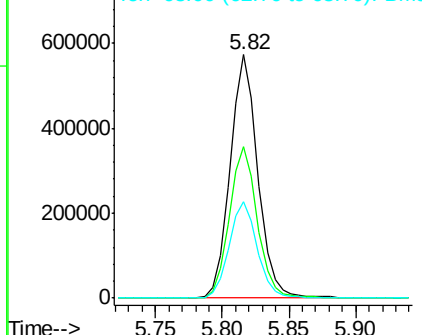
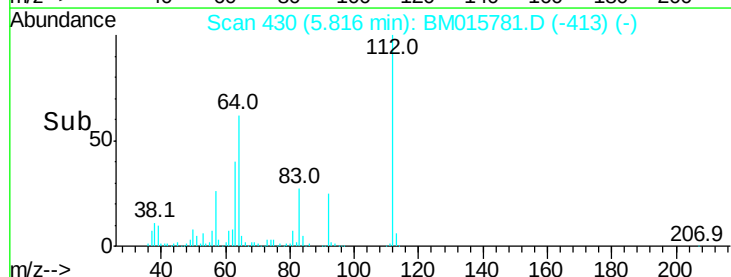


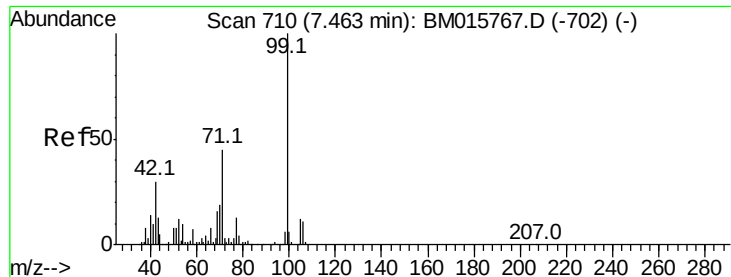
Abundance

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: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

Instrument :

BNA_M

ClientSampleId :

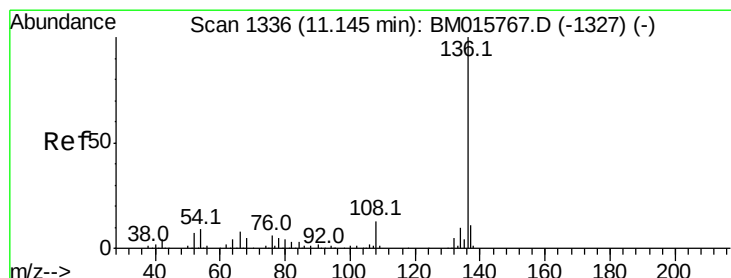
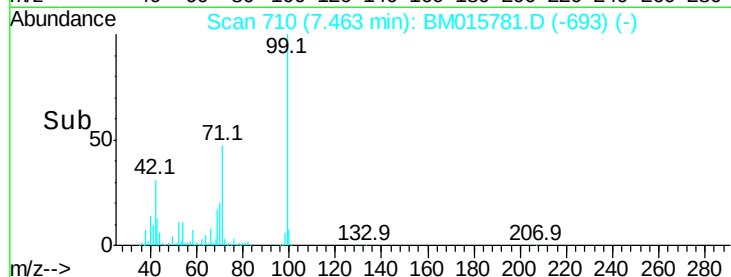
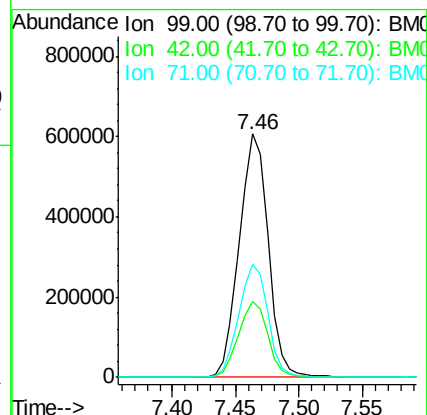
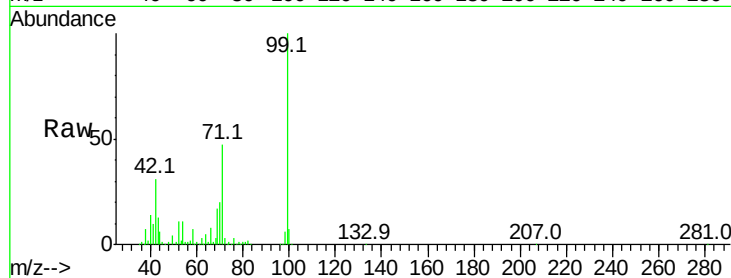
Tot Ion: 99 Resp: 962085

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.6 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: BM015781.D

Acq: 05 Jul 2018 23:37

Tgt Ion: 136 Resp: 406917

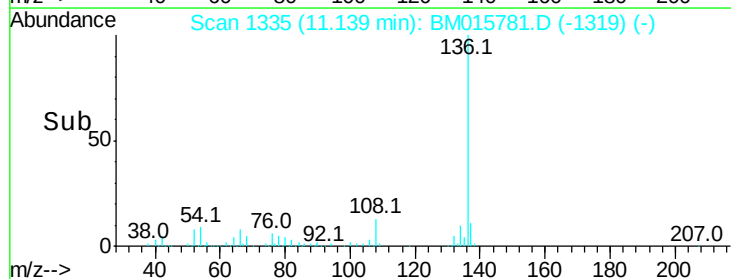
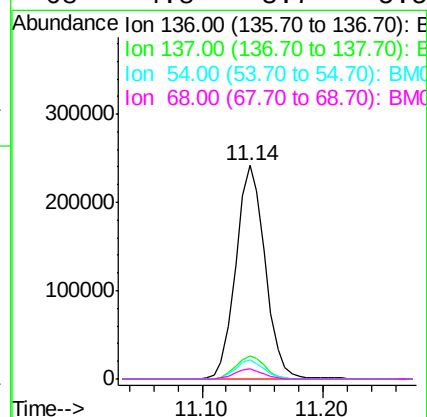
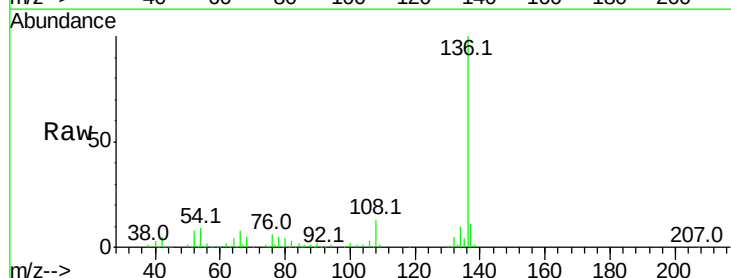
Ion Ratio Lower Upper

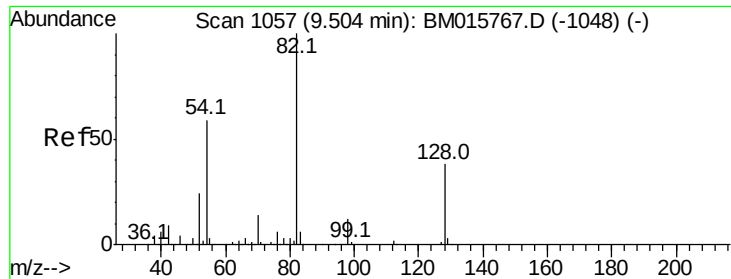
136 100

137 10.8 8.7 13.1

54 8.9 4.6 6.8#

68 4.8 3.7 5.5

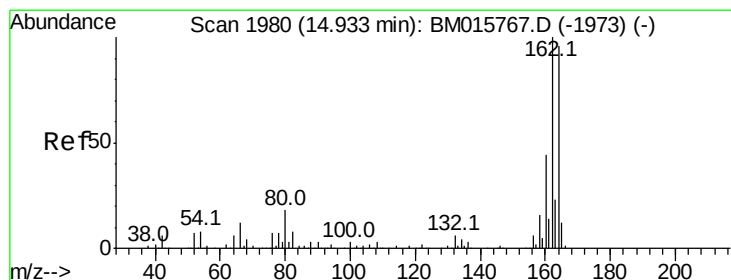
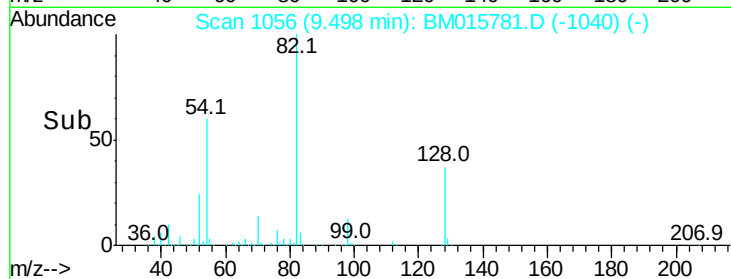
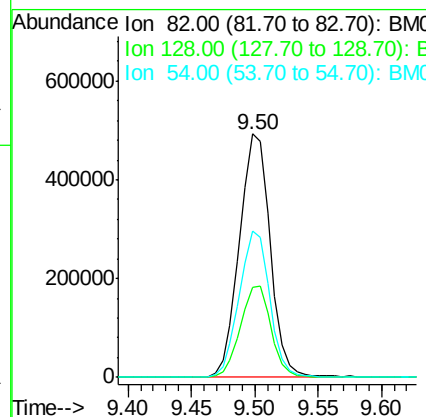
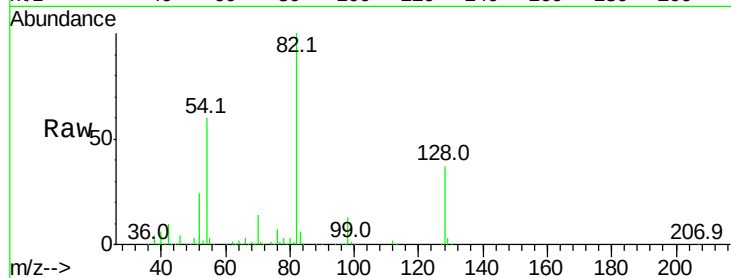




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

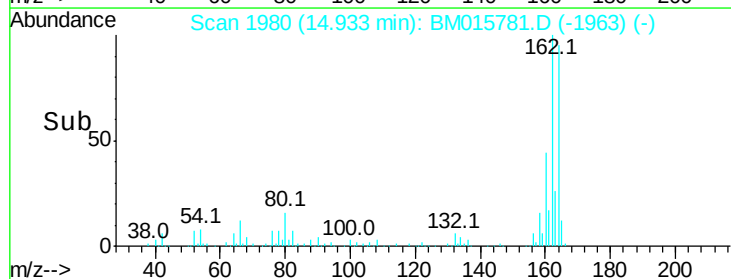
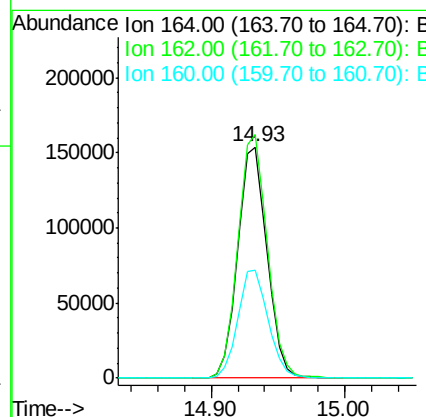
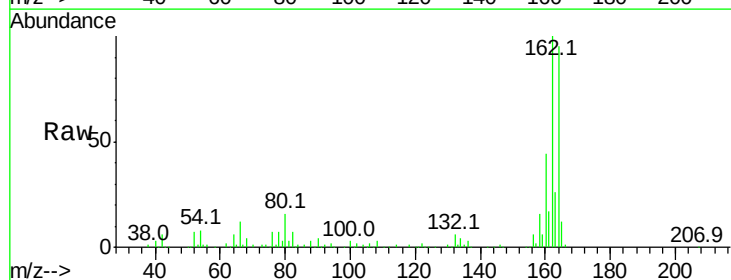
Instrument :
 BNA_M
 ClientSampleId :

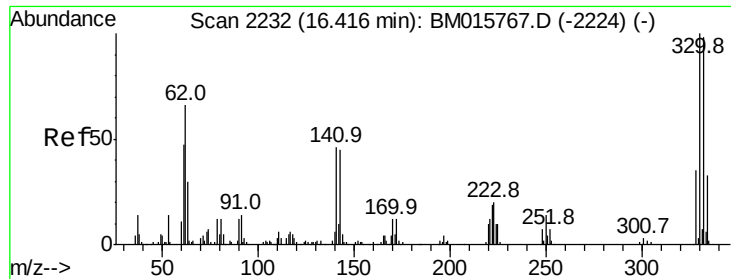
Tot Ion	82	Resp	831977
Ion Ratio	Lower	Upper	
82	100		
128	37.0	32.8	49.2
54	59.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

Tgt Ion	164	Resp	234692
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.4	123.6
160	46.5	35.8	53.6

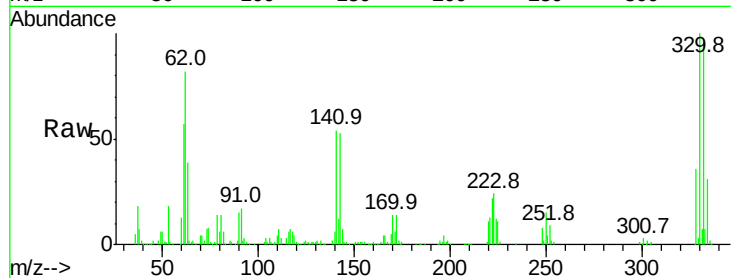




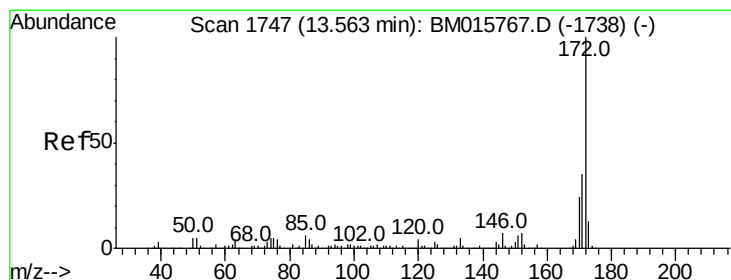
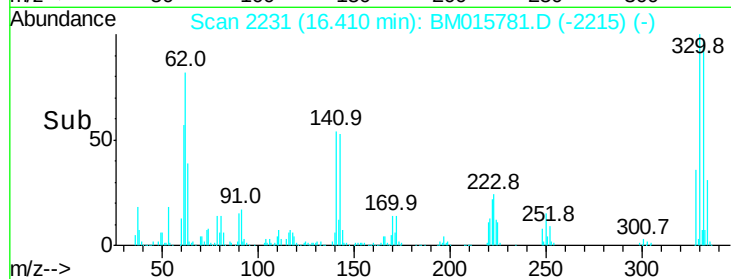
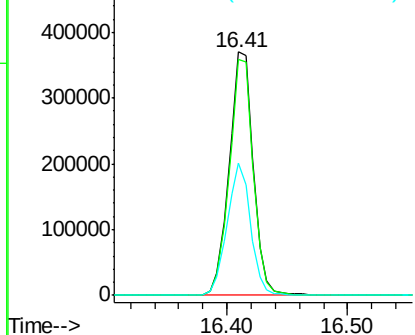
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 515041
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 52.9 0.0 0.0#

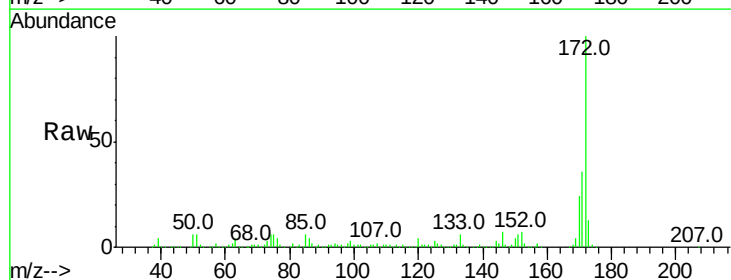


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

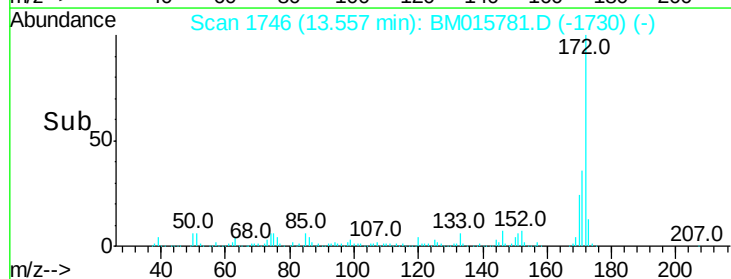
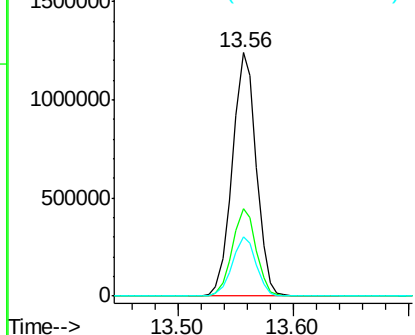


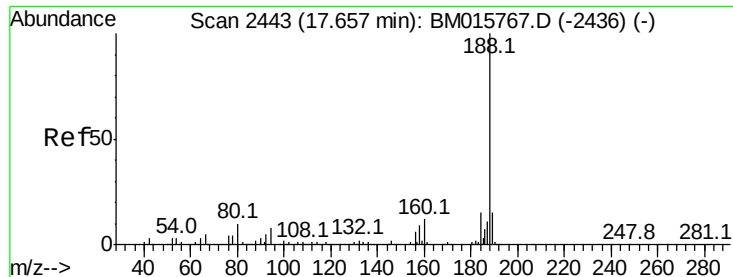
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

Tgt Ion:172 Resp: 1779453
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.1 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

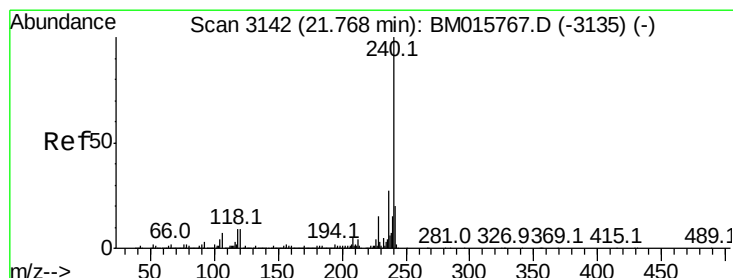
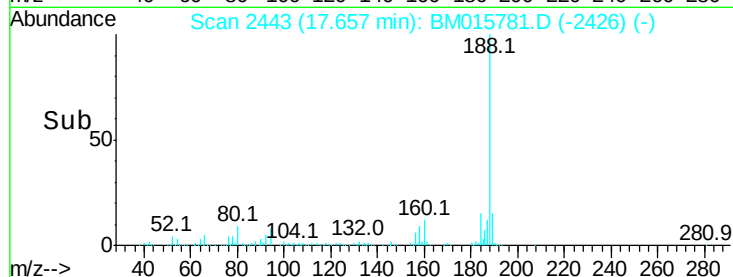
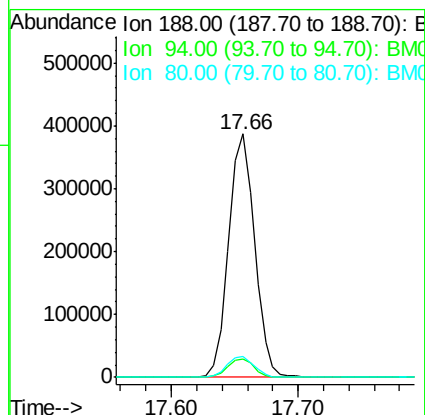
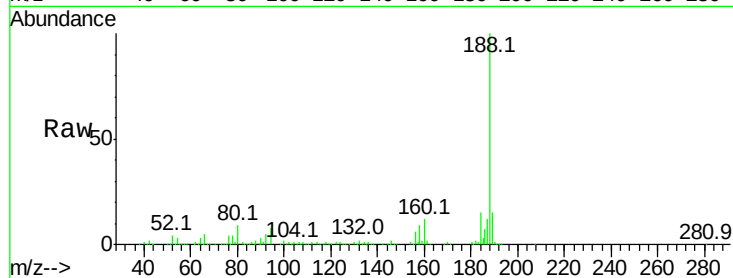




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

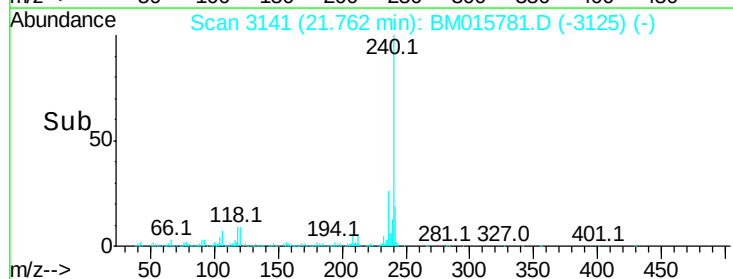
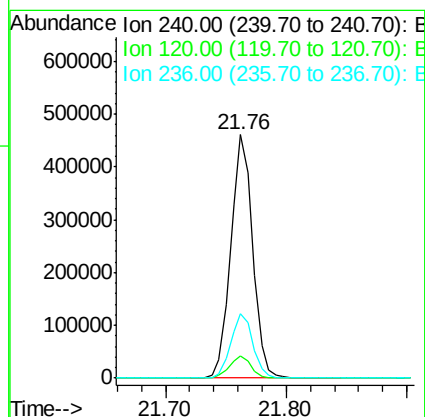
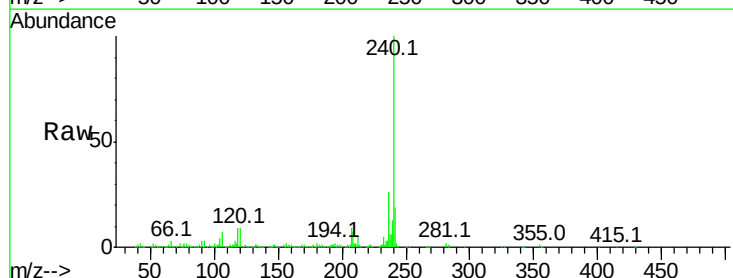
Instrument :
BNA_M
ClientSampled :

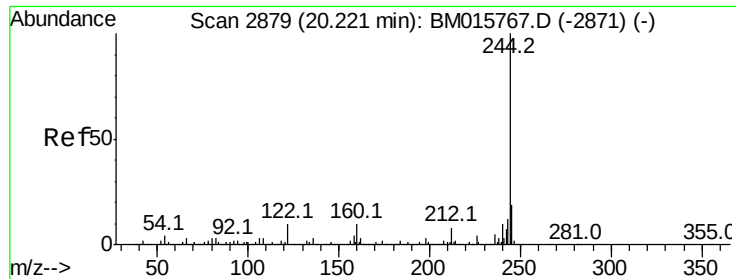
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	8.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	26.3	20.0	30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

Instrument :

BNA_M

ClientSampleId :

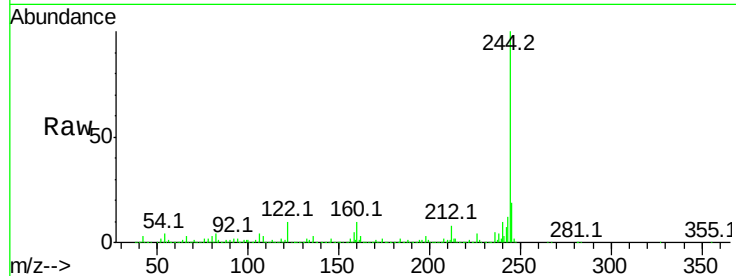
Tot Ion:244 Resp: 3558617

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	9.8	6.2	9.4#

244 100

212 8.3 4.9 7.3#

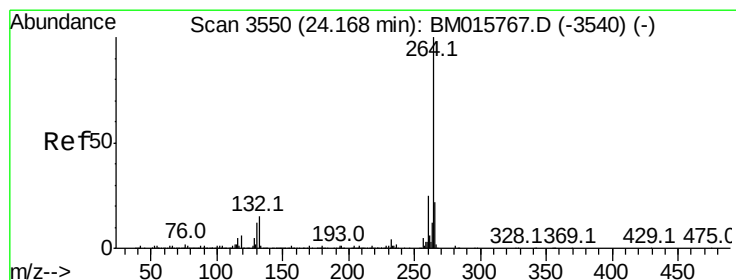
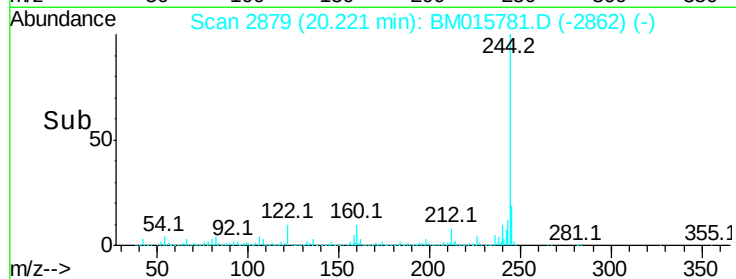
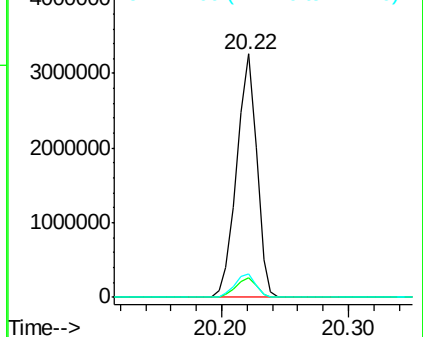
122 9.8 6.2 9.4#



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: BM015781.D

Acq: 05 Jul 2018 23:37

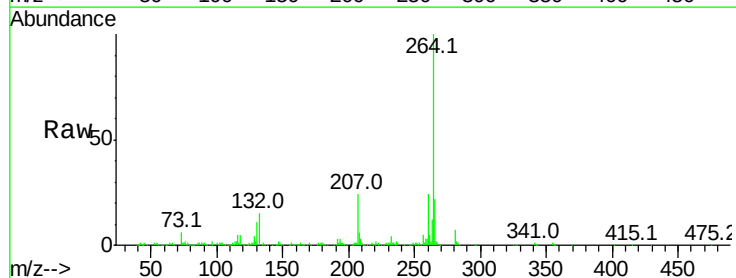
Tgt Ion:264 Resp: 521766

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.8	17.3	25.9

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

