

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015785.D
 Acq On : 06 Jul 2018 04:37
 Operator : SJ/JU
 Sample : PB110812BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 06:58:27 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	121855	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	480324	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	274889	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	619347	20.00	ng	0.00
75) Chrysene-d12	21.76	240	534913	20.00	ng	0.00
86) Perylene-d12	24.17	264	430655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	1184404	166.69	ng	0.00
7) Phenol-d6	7.46	99	1525763	156.85	ng	0.00
23) Nitrobenzene-d5	9.50	82	1000895	101.67	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	629533	175.27	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2225272	100.50	ng	0.00
78) Terphenyl-d14	20.22	244	3735464	129.53	ng	0.00

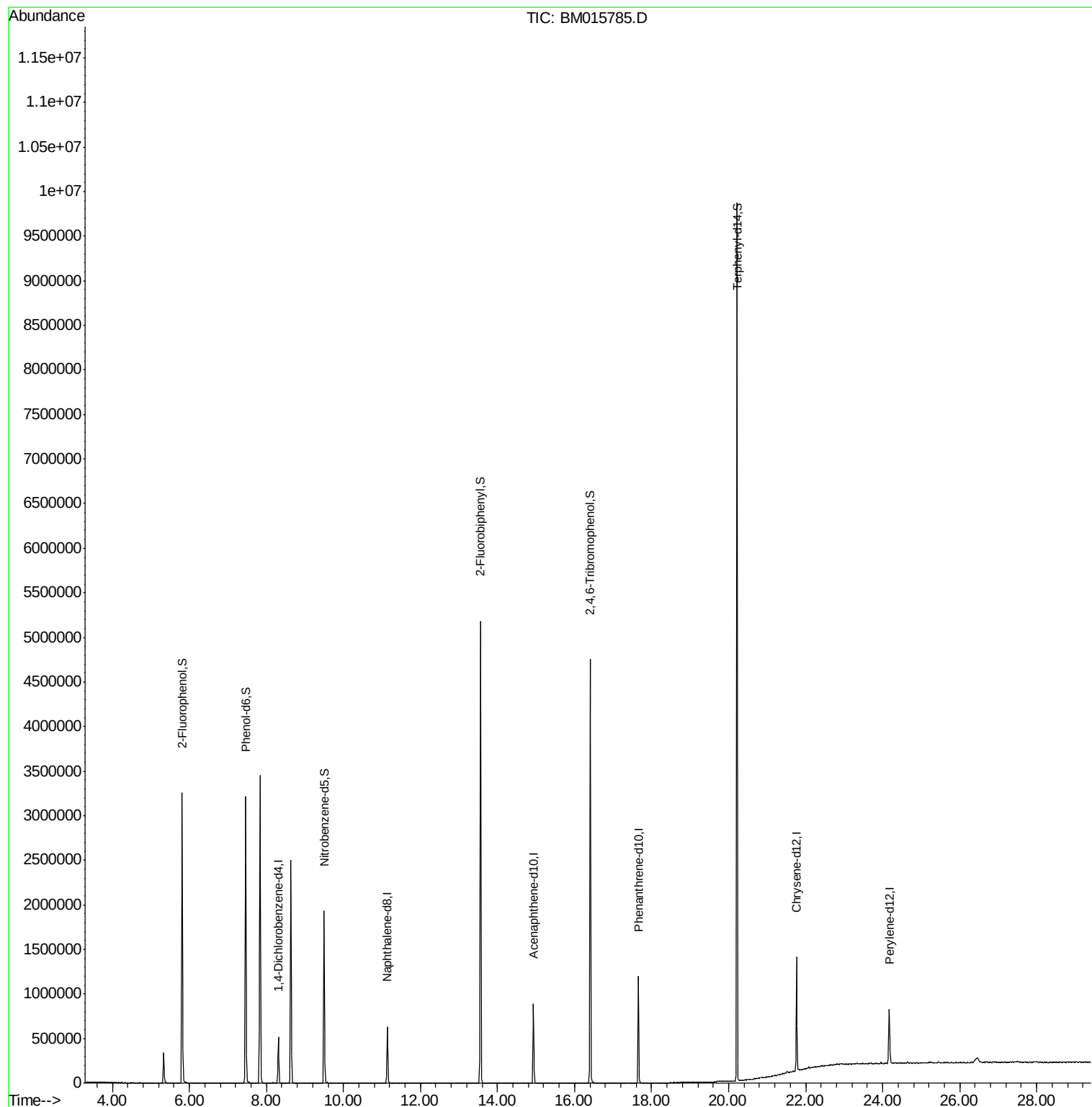
Target Compounds Qvalue

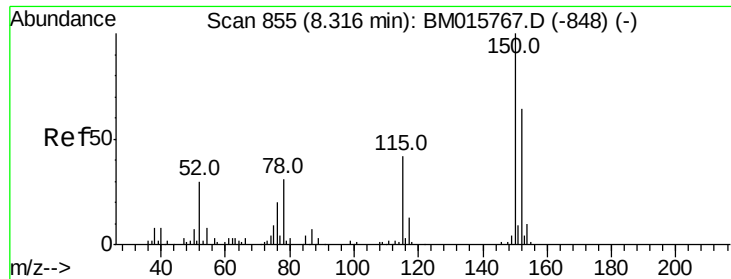
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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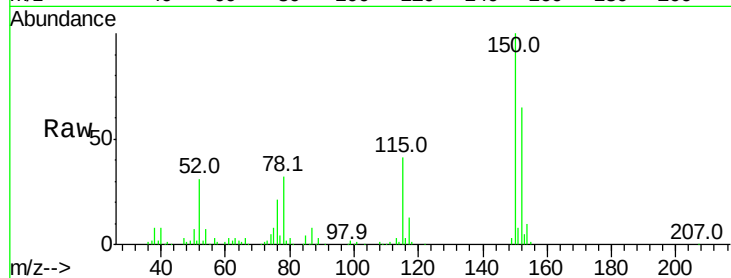


#1

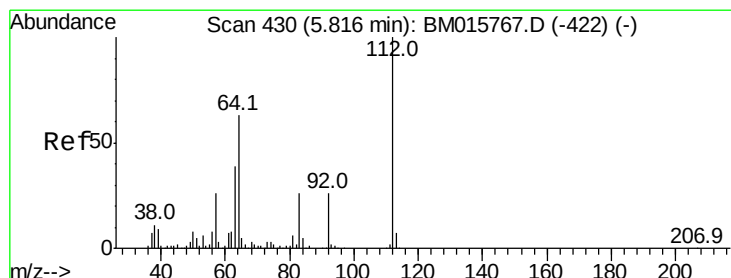
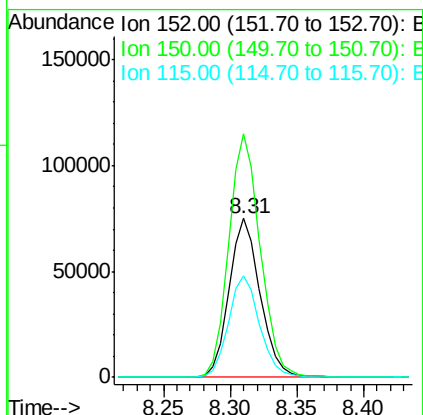
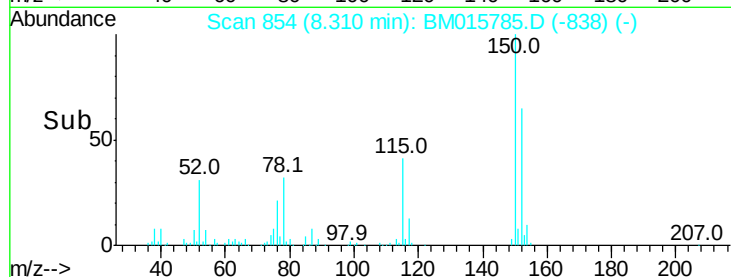
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015785.D
Acq: 06 Jul 2018 04:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	63.7	43.0	64.4



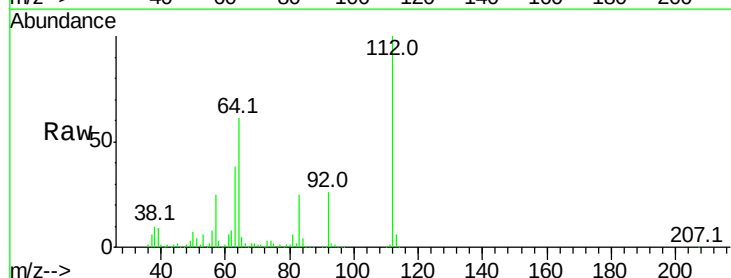
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



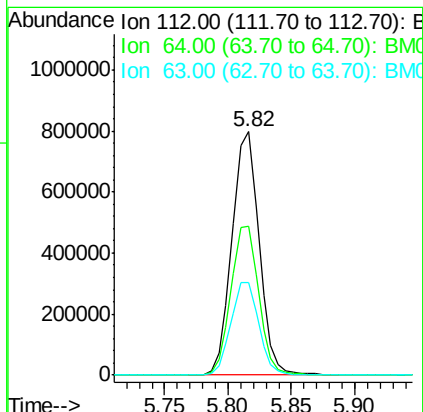
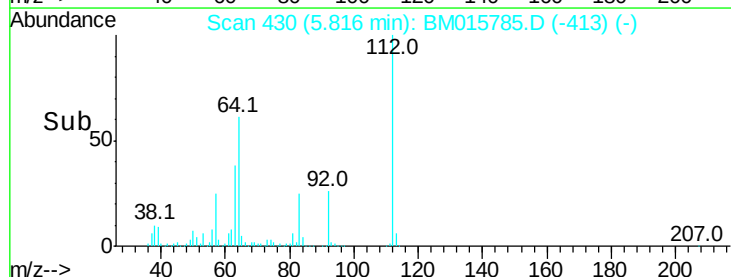
#5

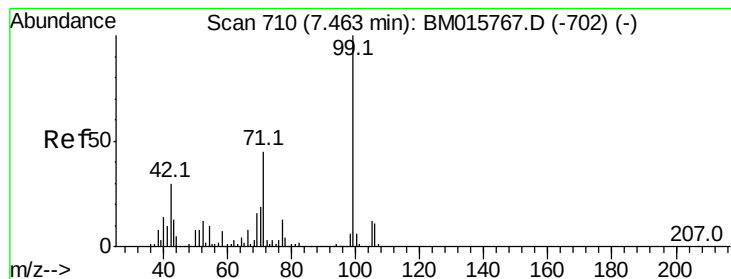
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015785.D
Acq: 06 Jul 2018 04:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	38.6	57.8#
63	38.1	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: BM015785.D

Acq: 06 Jul 2018 04:37

Instrument :

BNA_M

ClientSampleId :

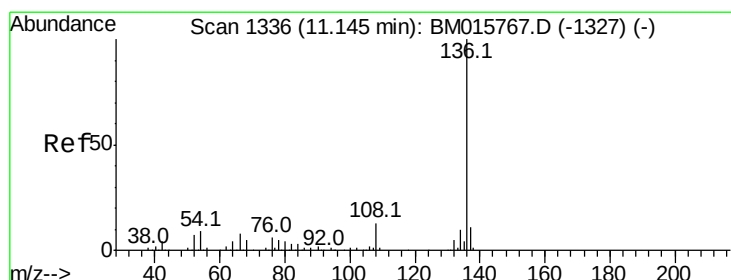
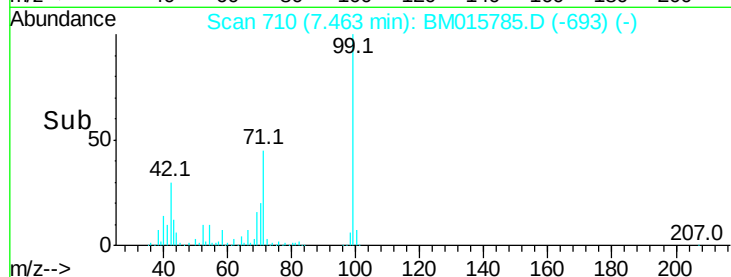
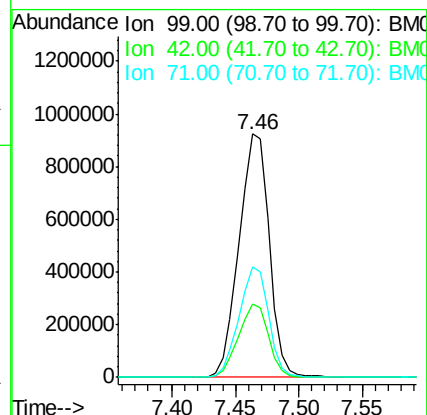
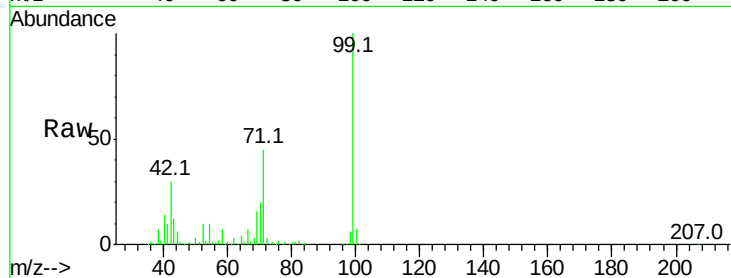
Tot Ion: 99 Resp: 1525763

Ion Ratio Lower Upper

99 100

42 30.0 11.0 16.4#

71 45.2 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: BM015785.D

Acq: 06 Jul 2018 04:37

Tgt Ion: 136 Resp: 480324

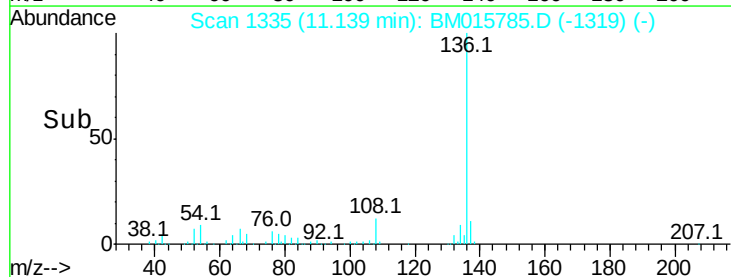
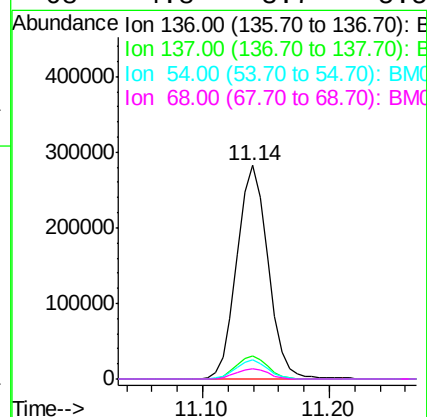
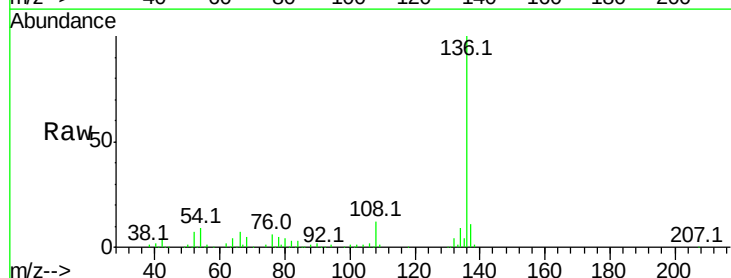
Ion Ratio Lower Upper

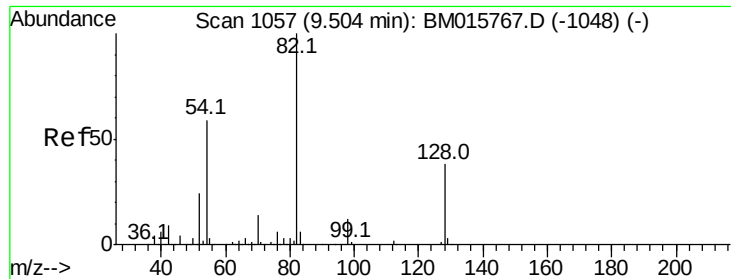
136 100

137 10.9 8.7 13.1

54 9.2 4.6 6.8#

68 4.8 3.7 5.5



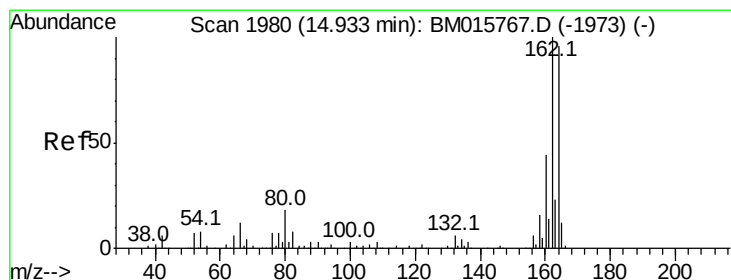
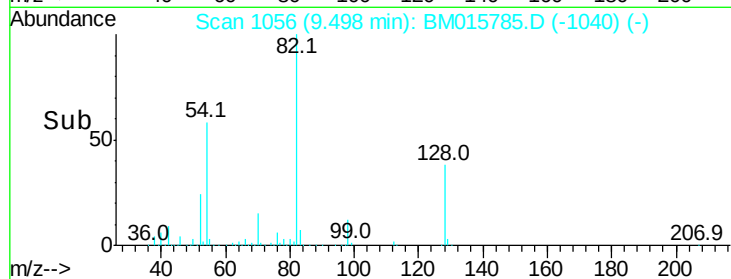
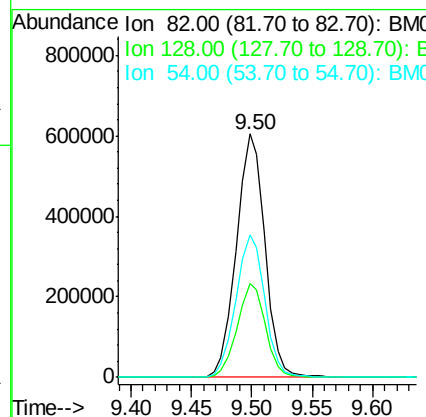
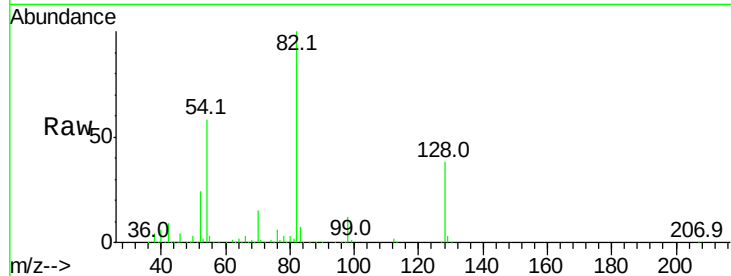


#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015785.D
 Acq: 06 Jul 2018 04:37

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1000895

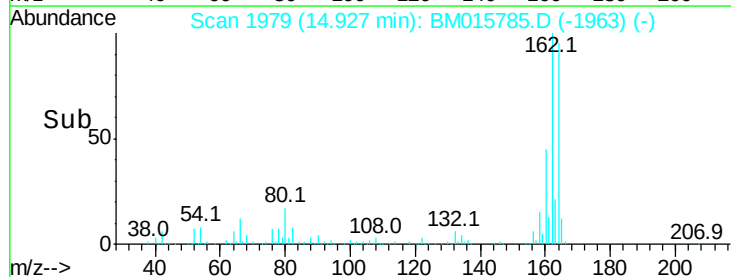
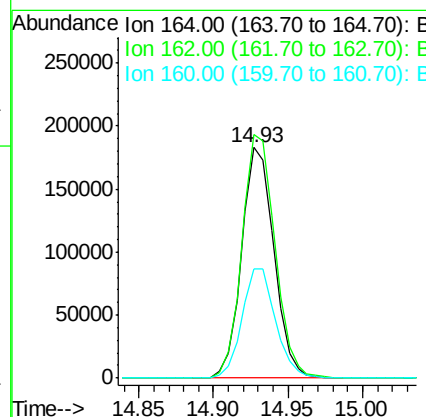
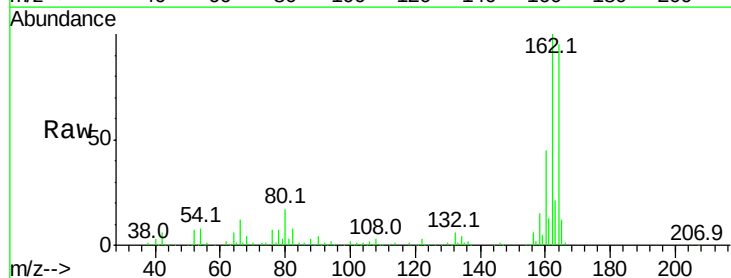
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	58.4	40.6	60.8

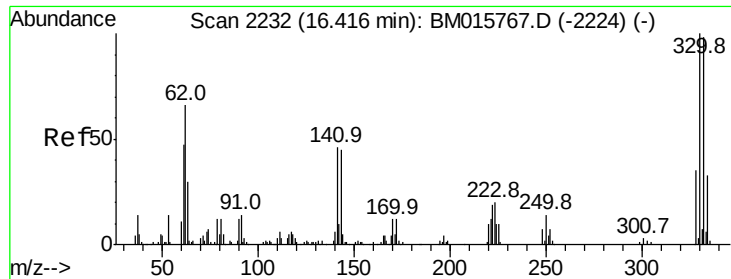


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015785.D
 Acq: 06 Jul 2018 04:37

Tgt Ion: 164 Resp: 274889

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	47.4	35.8	53.6

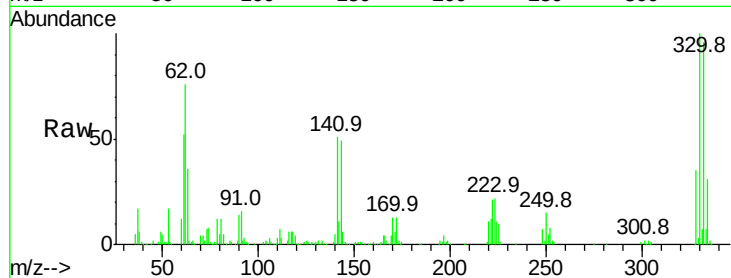




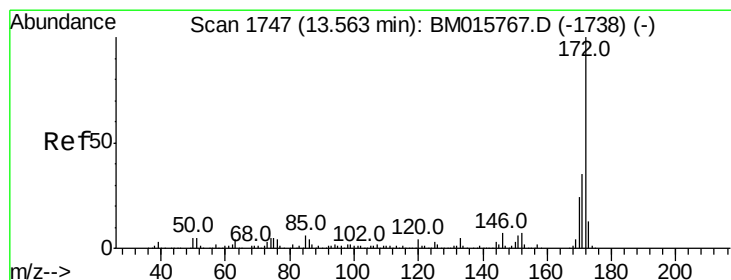
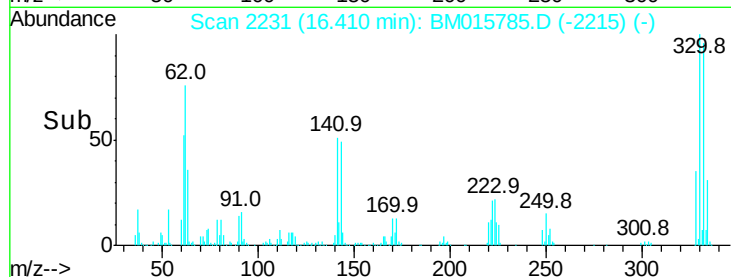
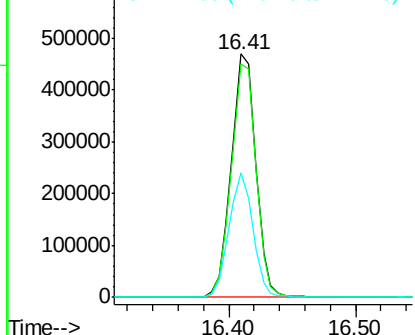
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015785.D
 Acq: 06 Jul 2018 04:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 629533
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 50.0 0.0 0.0#

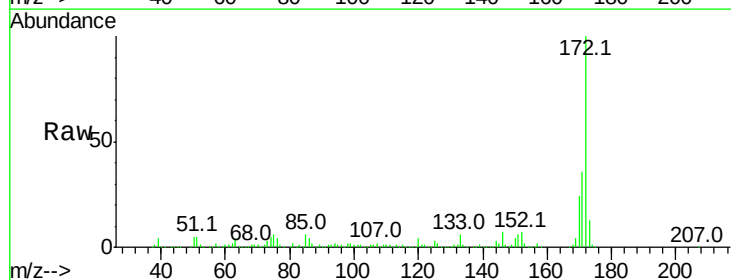


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

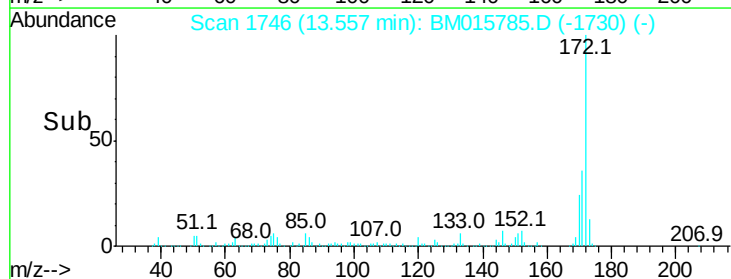
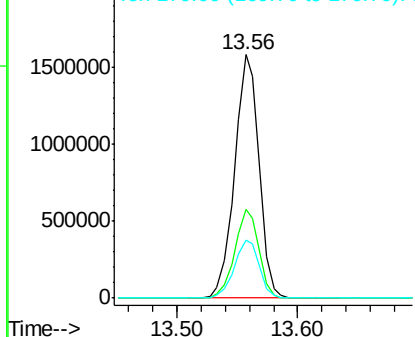


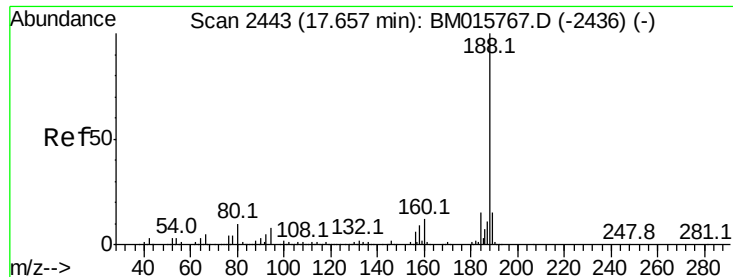
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015785.D
 Acq: 06 Jul 2018 04:37

Tgt Ion:172 Resp: 2225272
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.0 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

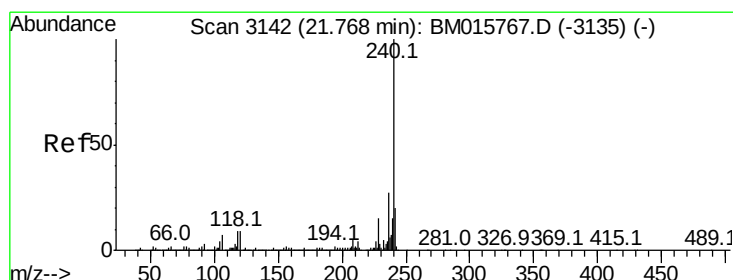
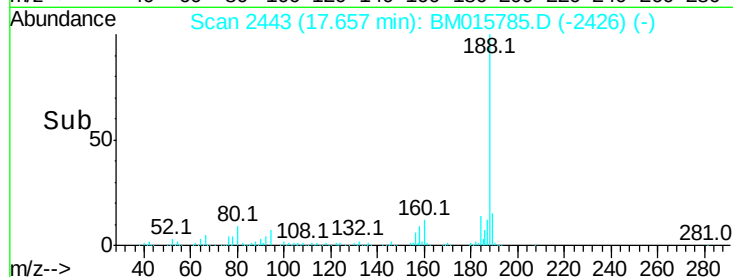
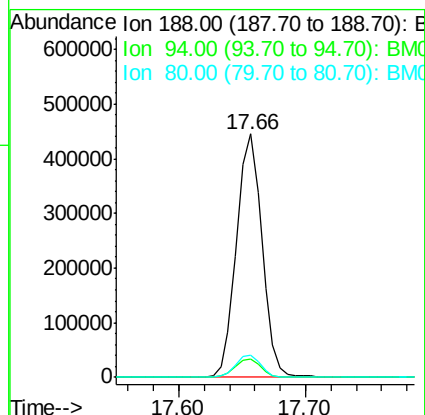
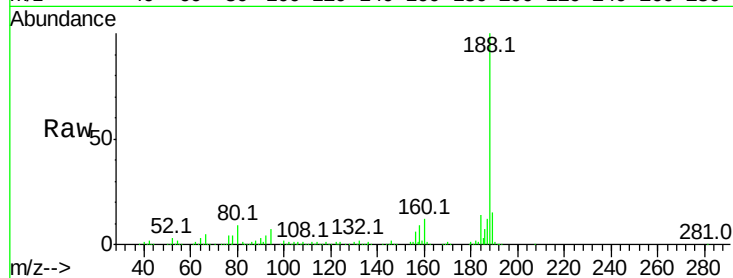




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015785.D
Acq: 06 Jul 2018 04:37

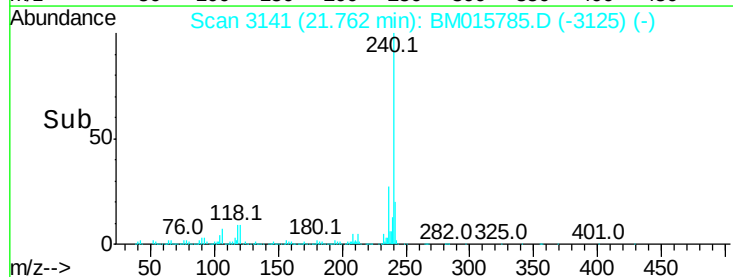
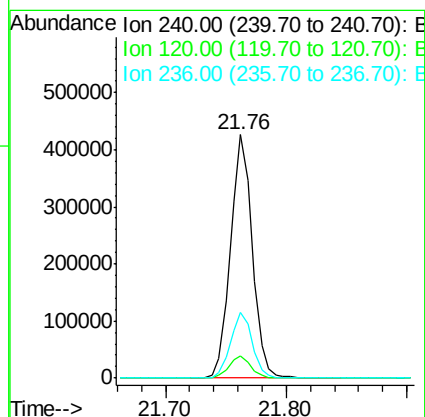
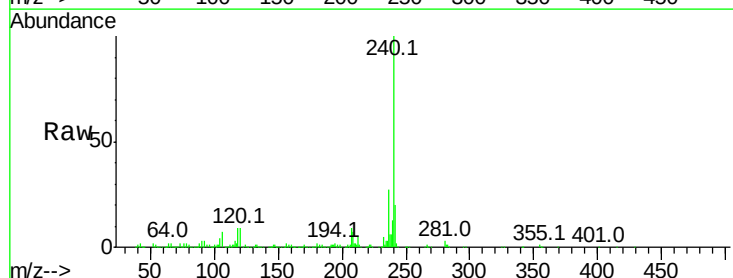
Instrument :
BNA_M
ClientSampleId :

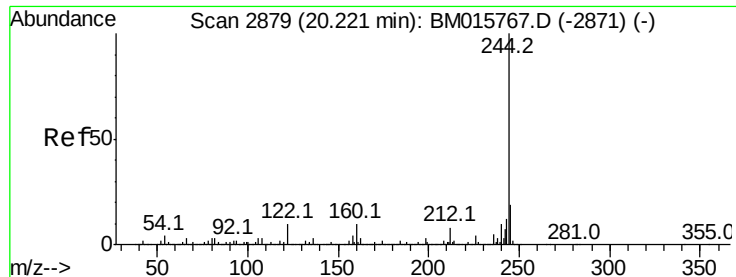
Tot Ion:188 Resp: 619347
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015785.D
Acq: 06 Jul 2018 04:37

Tgt Ion:240 Resp: 534913
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 27.1 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015785.D

Acq: 06 Jul 2018 04:37

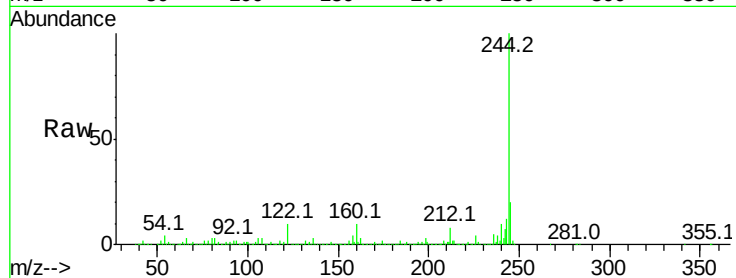
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3735464

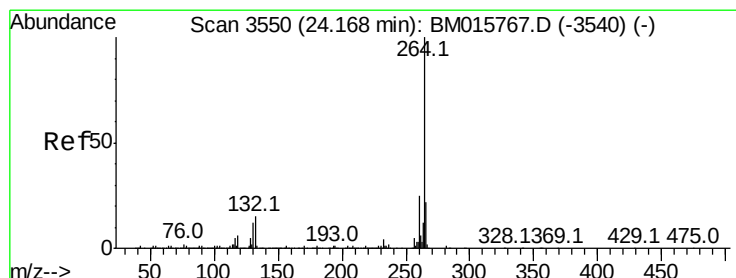
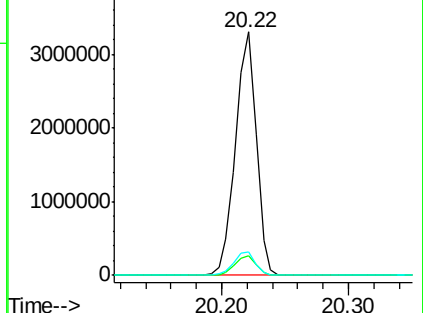
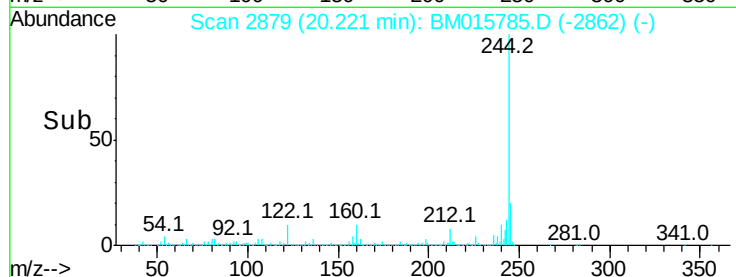
Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	9.7	6.2	9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

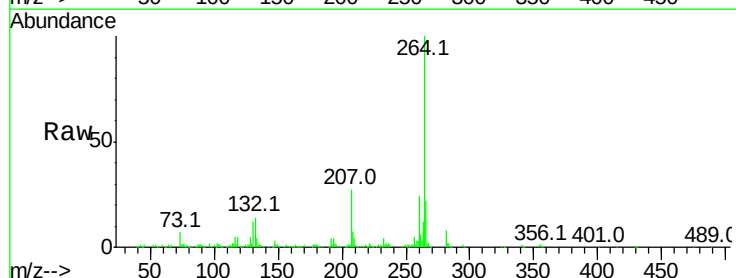
Delta R.T. -0.00 min

Lab File: BM015785.D

Acq: 06 Jul 2018 04:37

Tgt Ion:264 Resp: 430655

Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

