

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015780.D
 Acq On : 05 Jul 2018 23:00
 Operator : SJ/JU
 Sample : J3826-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-070218

Quant Time: Jul 06 06:57:20 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	96693	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	379323	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	216917	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	503877	20.00	ng	0.00
75) Chrysene-d12	21.76	240	528954	20.00	ng	0.00
86) Perylene-d12	24.17	264	467088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	781273	138.57	ng	0.00
7) Phenol-d6	7.46	99	903898	117.10	ng	0.00
23) Nitrobenzene-d5	9.50	82	751535	96.67	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	458588	161.80	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1604317	91.82	ng	0.00
78) Terphenyl-d14	20.22	244	3114861	109.23	ng	0.00

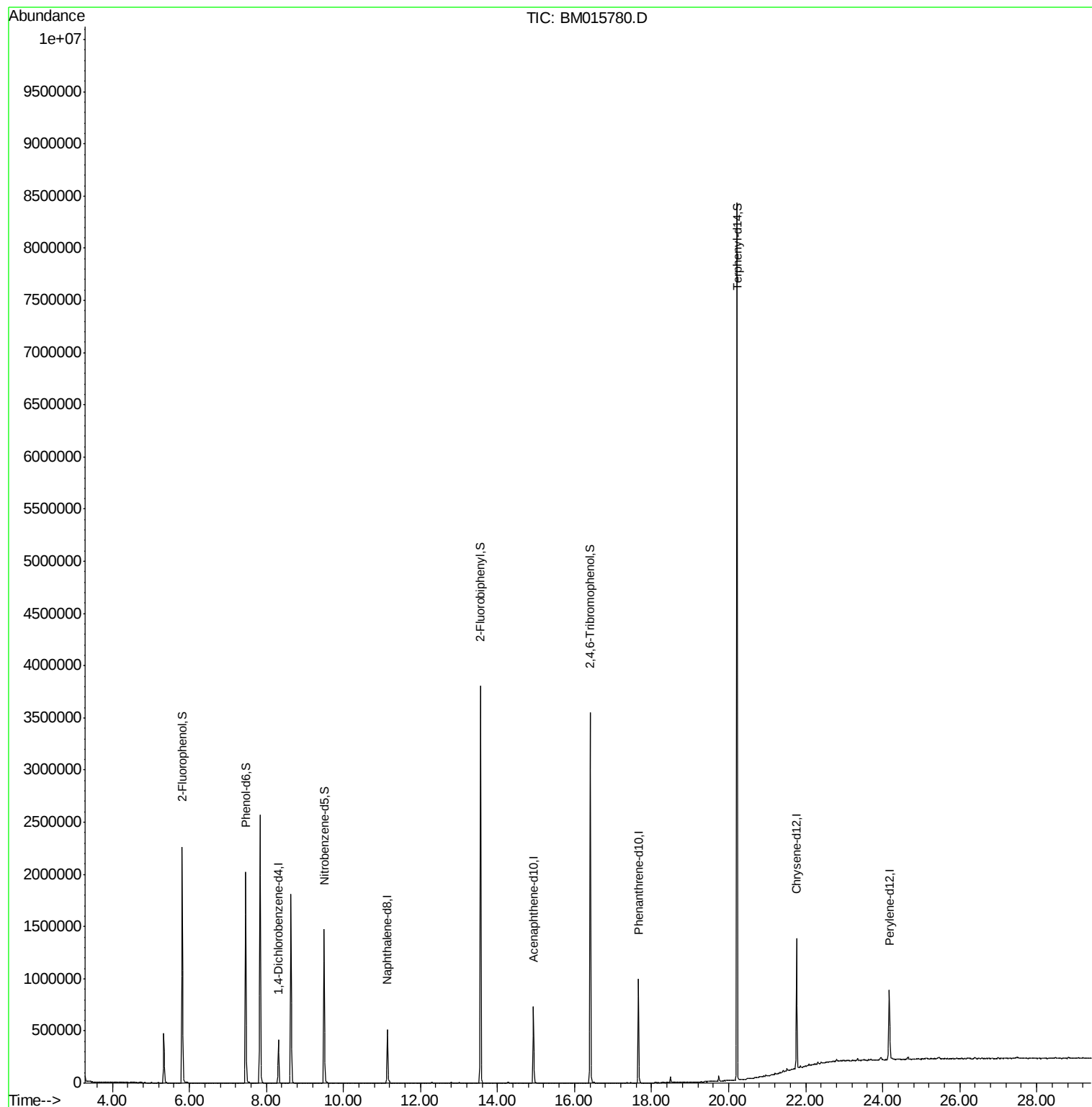
Target Compounds Qvalue

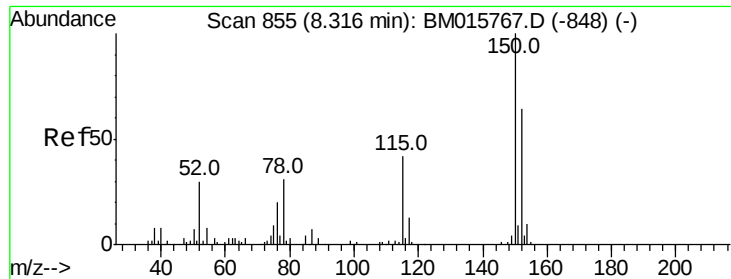
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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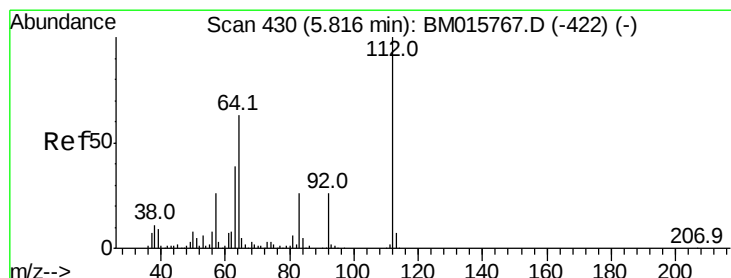
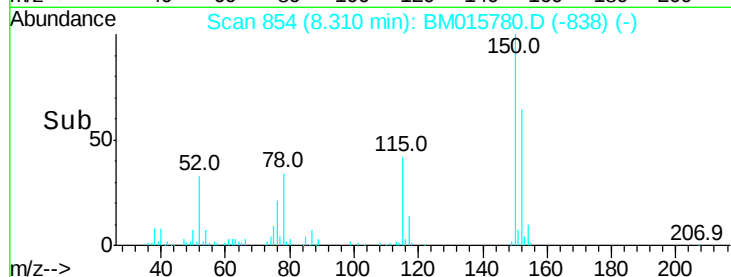
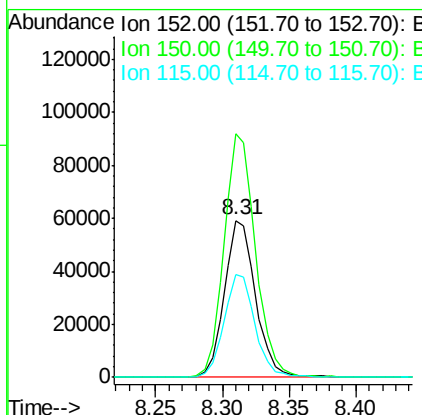
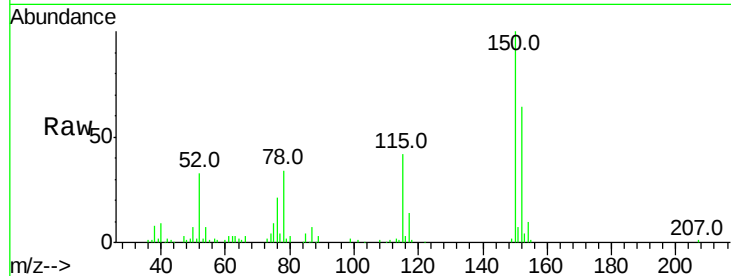


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015780.D
Acq: 05 Jul 2018 23:00

Instrument :
BNA_M
ClientSampleId :
OK-03-070218

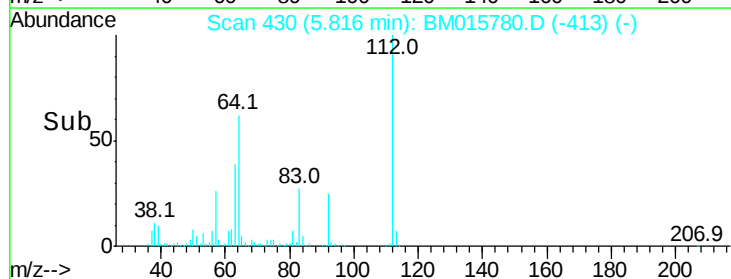
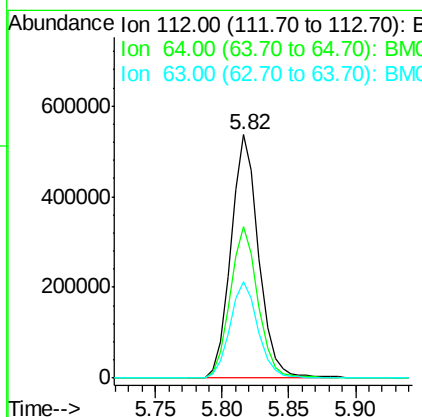
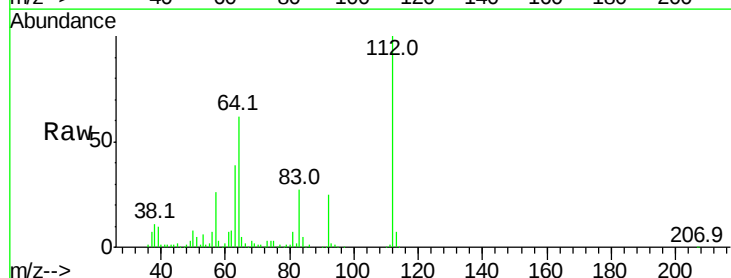
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	65.4	43.0	64.4#

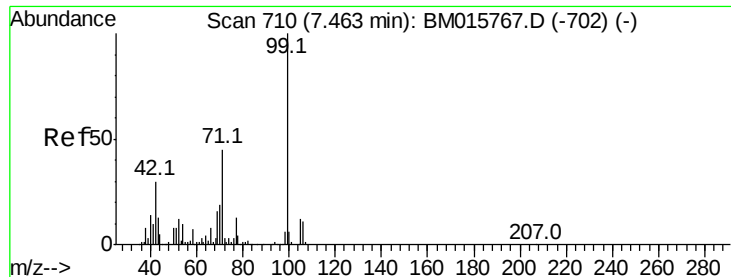


#5

2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015780.D
Acq: 05 Jul 2018 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	38.6	57.8#
63	39.4	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015780.D

Acq: 05 Jul 2018 23:00

Instrument :

BNA_M

ClientSampleId :

OK-03-070218

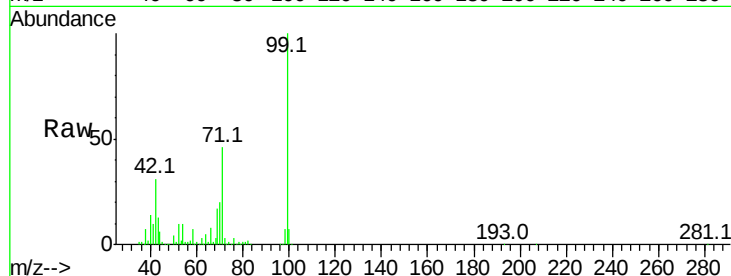
Tot Ion: 99 Resp: 903898

Ion Ratio Lower Upper

99 100

42 30.9 11.0 16.4#

71 46.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

7.46

600000

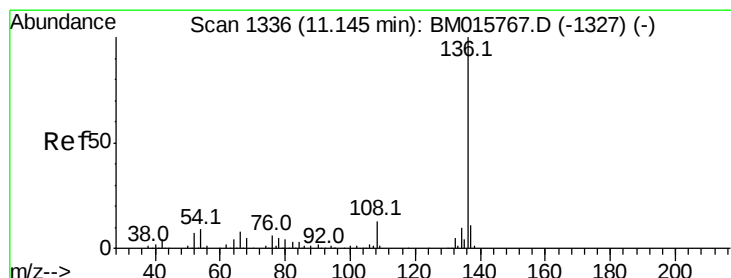
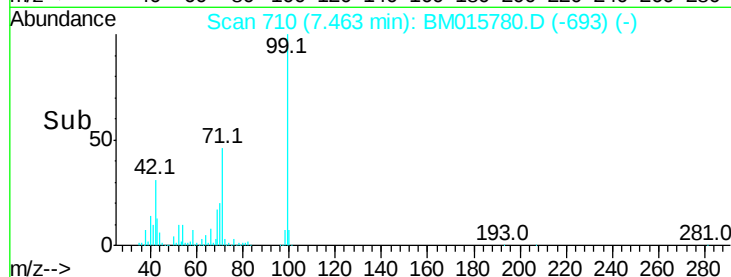
400000

200000

0

7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015780.D

Acq: 05 Jul 2018 23:00

Tgt Ion: 136 Resp: 379323

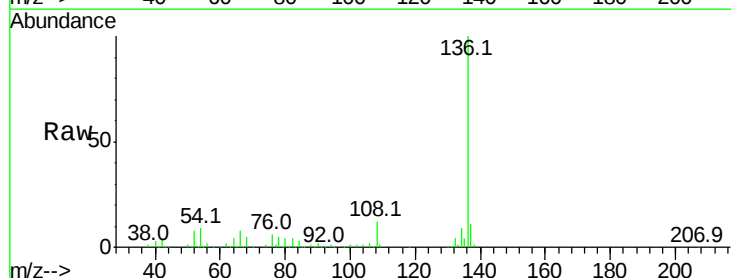
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.9 4.6 6.8#

68 4.6 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

11.14

300000

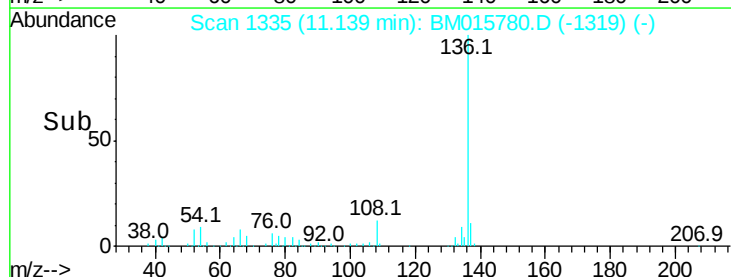
200000

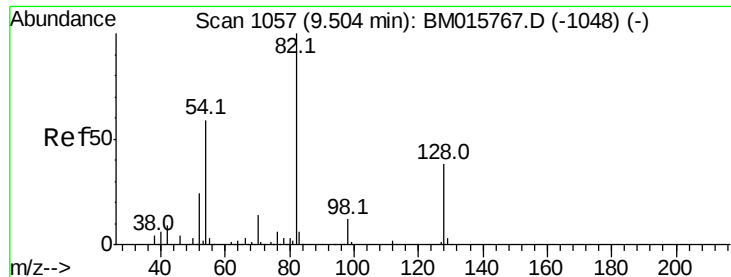
100000

0

11.10 11.20

Time-->

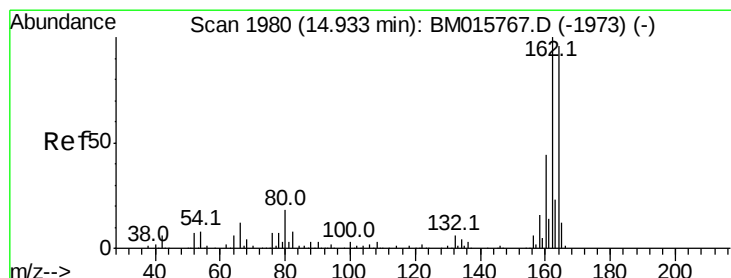
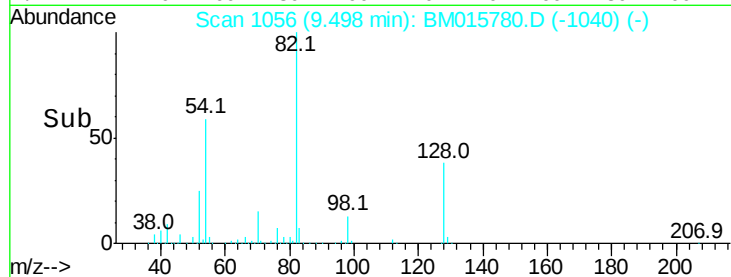
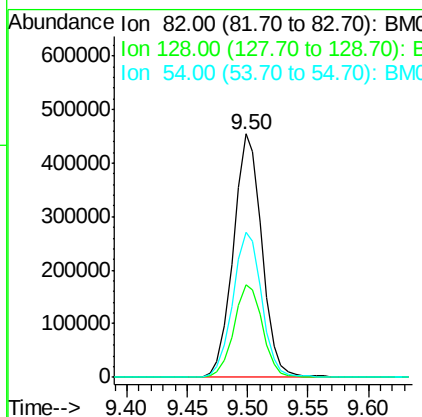
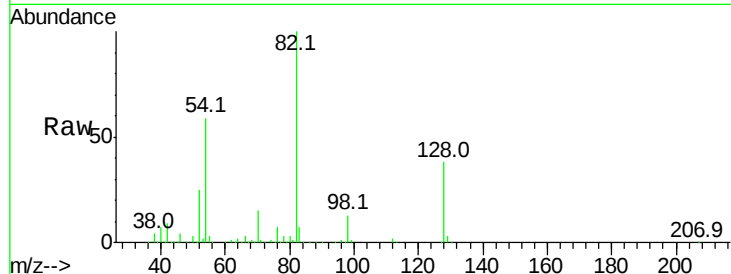




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015780.D
 Acq: 05 Jul 2018 23:00

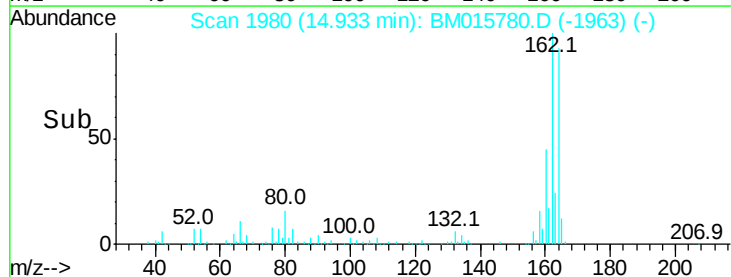
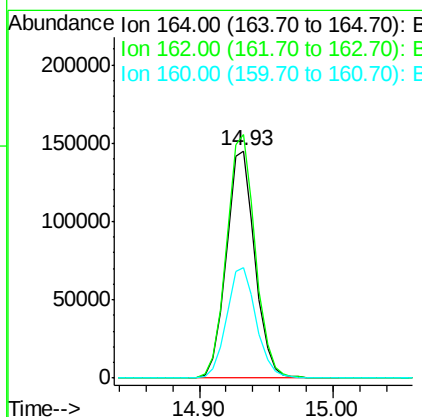
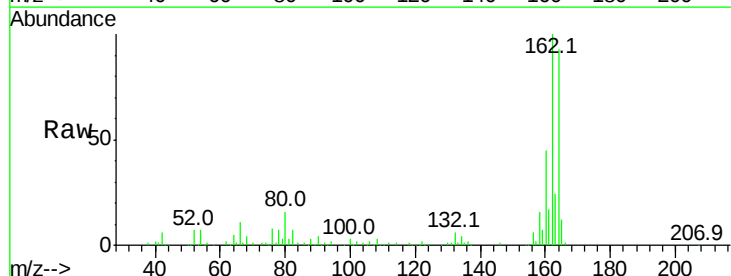
Instrument :
 BNA_M
 ClientSampleId :
 OK-03-070218

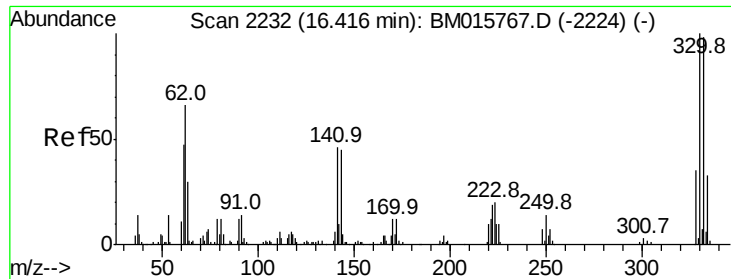
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.8	49.2
54	59.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM015780.D
 Acq: 05 Jul 2018 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	48.6	35.8	53.6

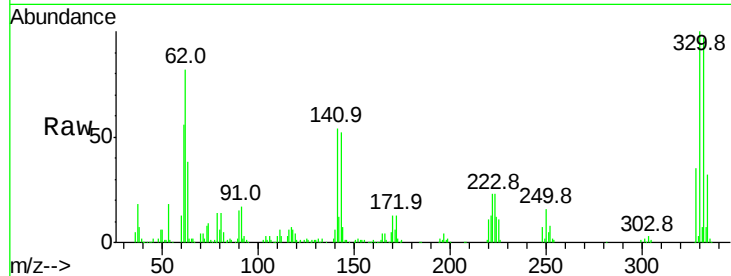




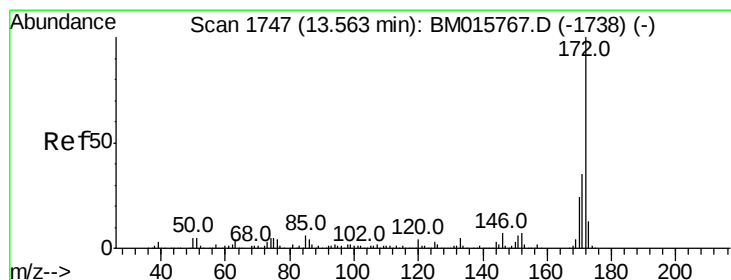
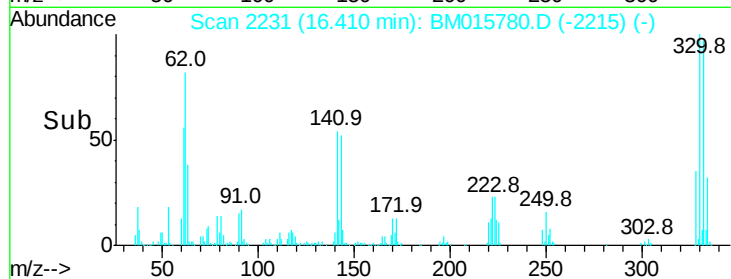
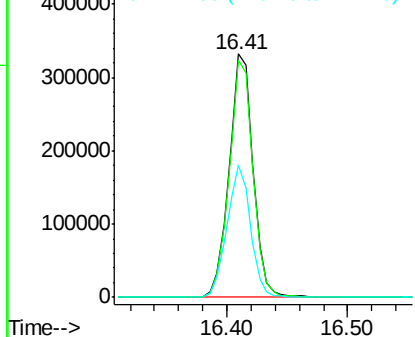
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015780.D
 Acq: 05 Jul 2018 23:00

Instrument :
 BNA_M
 ClientSampleId :
 OK-03-070218

Tot Ion:330 Resp: 458588
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 53.4 0.0 0.0#

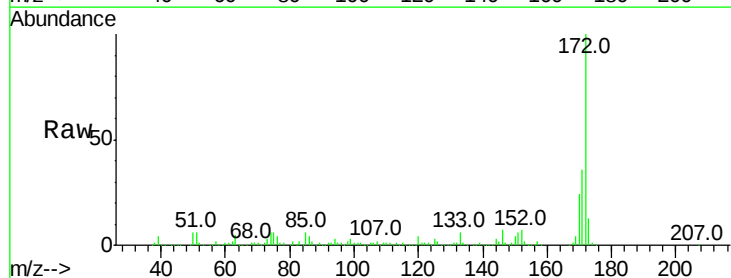


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

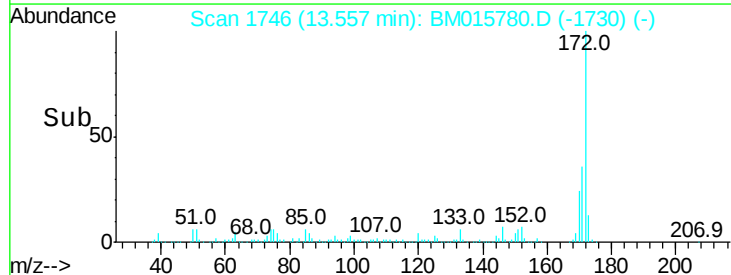
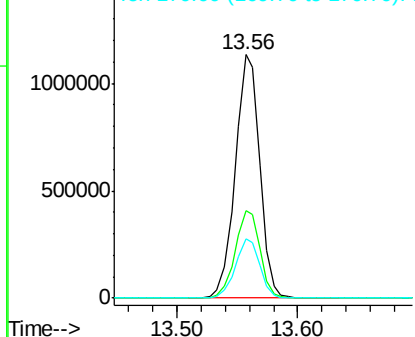


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015780.D
 Acq: 05 Jul 2018 23:00

Tgt Ion:172 Resp: 1604317
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.4 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

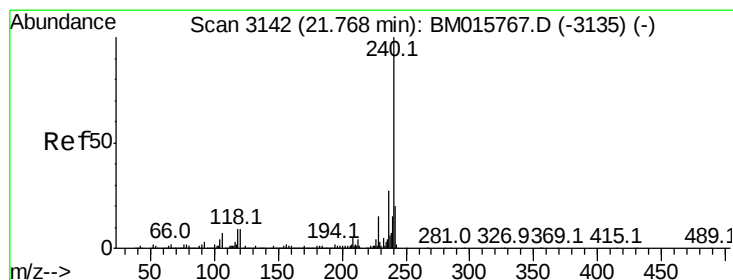
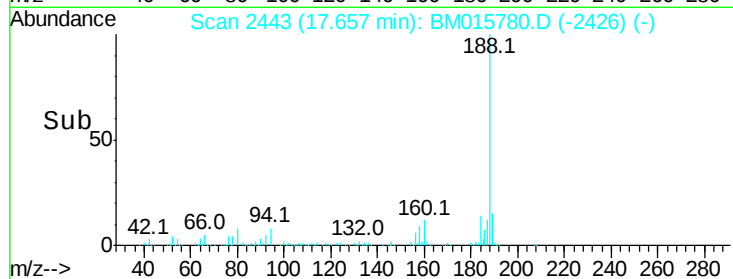
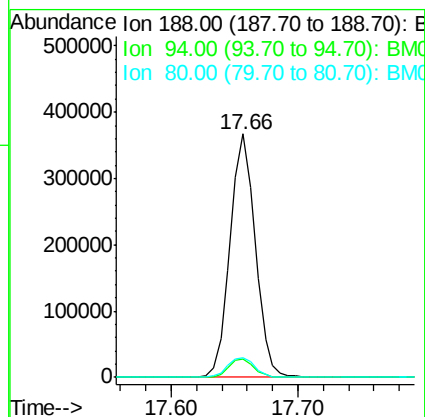
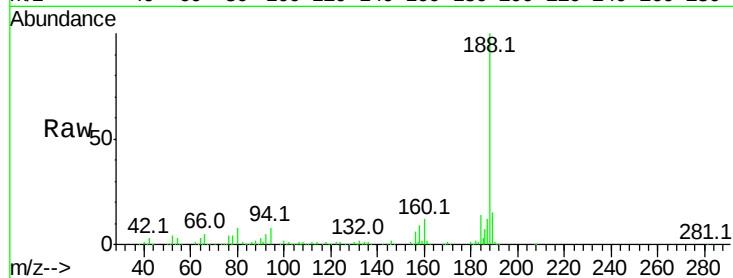




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015780.D
Acq: 05 Jul 2018 23:00

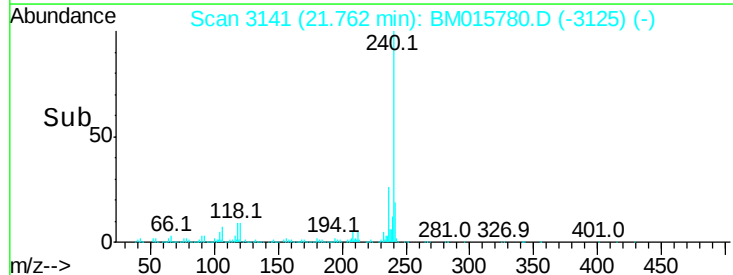
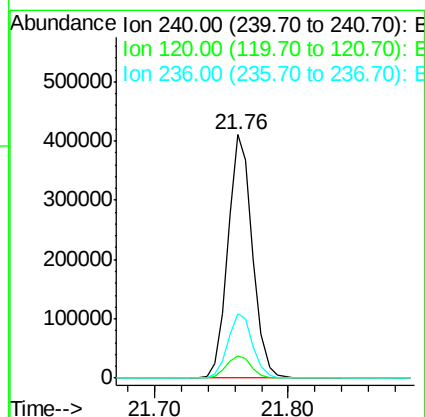
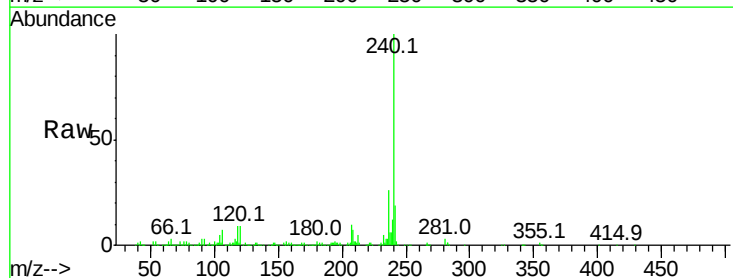
Instrument :
BNA_M
ClientSampleId :
OK-03-070218

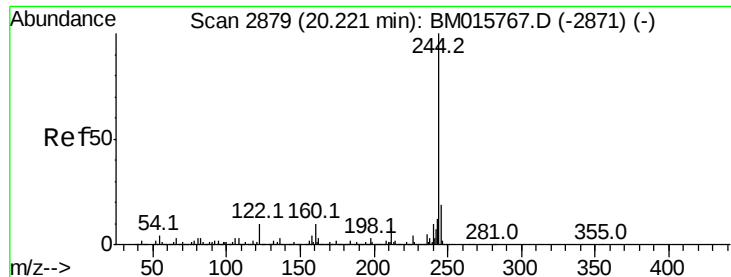
Tot Ion:188 Resp: 503877
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015780.D
Acq: 05 Jul 2018 23:00

Tgt Ion:240 Resp: 528954
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 26.5 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015780.D

Acq: 05 Jul 2018 23:00

Instrument :

BNA_M

ClientSampleId :

OK-03-070218

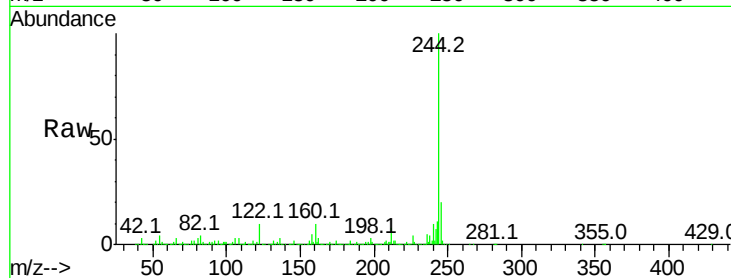
Tot Ion:244 Resp: 3114861

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

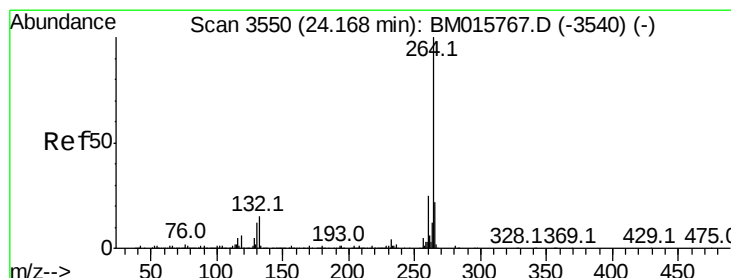
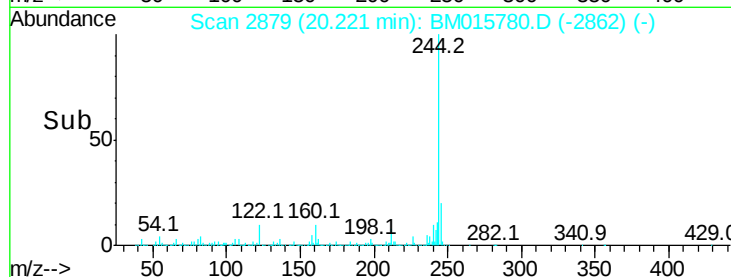
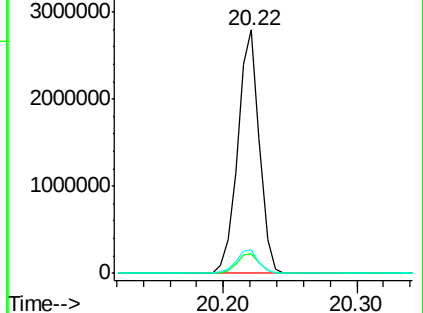
122 9.7 6.2 9.4#



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: BM015780.D

Acq: 05 Jul 2018 23:00

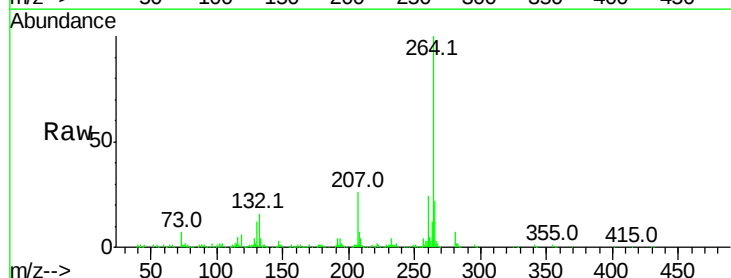
Tgt Ion:264 Resp: 467088

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.2 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

