

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015789.D
 Acq On : 06 Jul 2018 07:05
 Operator : SJ/JU
 Sample : PB110790BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 08:46:36 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	114929	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	432132	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	238938	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	511048	20.00	ng	0.00
75) Chrysene-d12	21.76	240	383427	20.00	ng	0.00
86) Perylene-d12	24.17	264	314549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	1228140	183.26	ng	0.00
7) Phenol-d6	7.47	99	1563428	170.41	ng	0.00
23) Nitrobenzene-d5	9.50	82	1032700	116.60	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	595714	190.81	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2257800	117.31	ng	0.00
78) Terphenyl-d14	20.22	244	3110249	150.46	ng	0.00

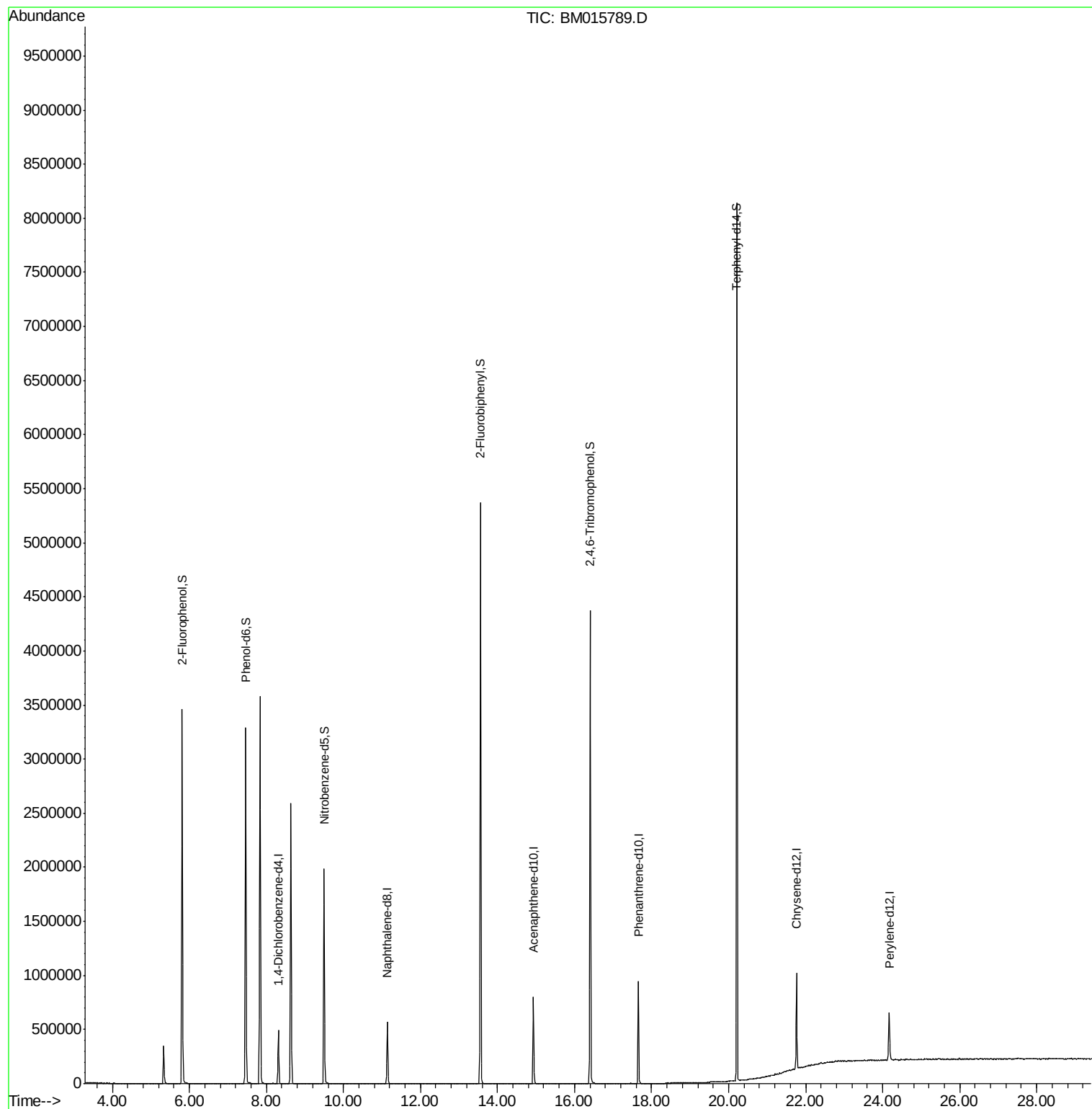
Target Compounds Qvalue

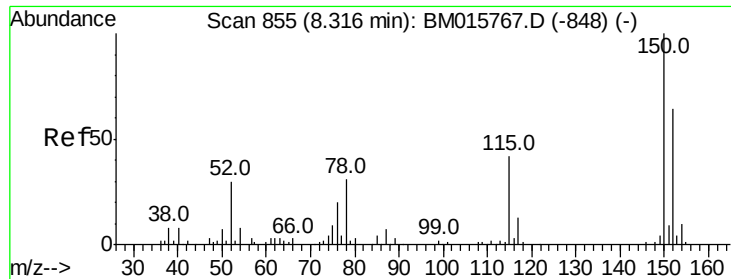
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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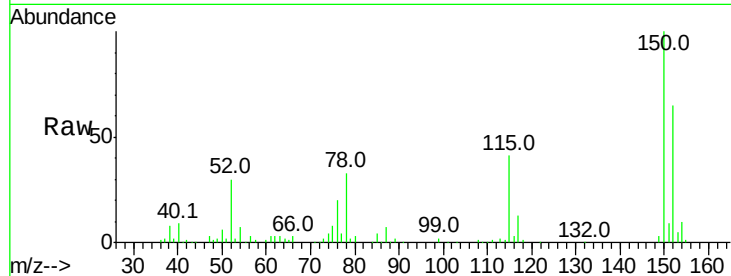


#1

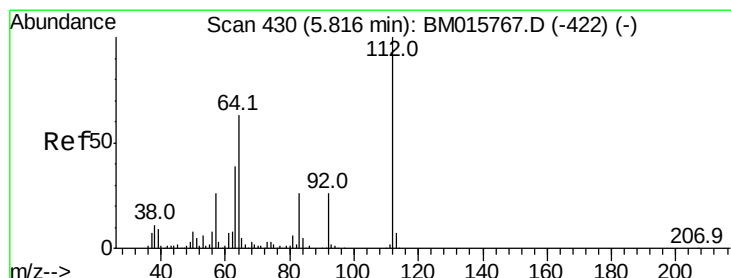
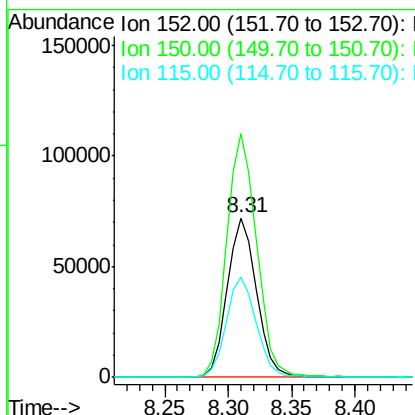
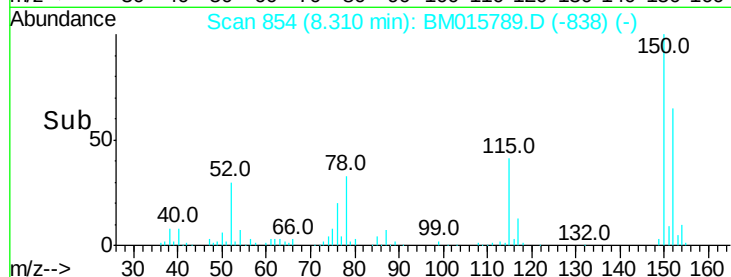
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 114929
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 62.6 43.0 64.4



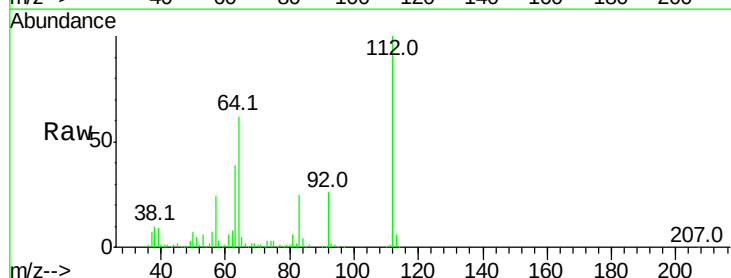
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



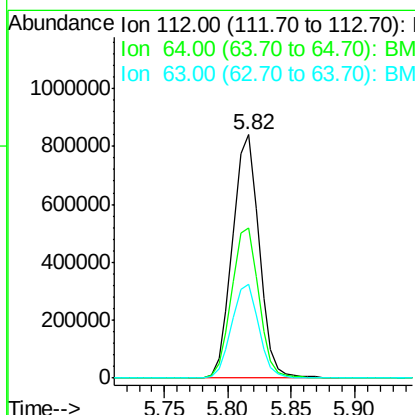
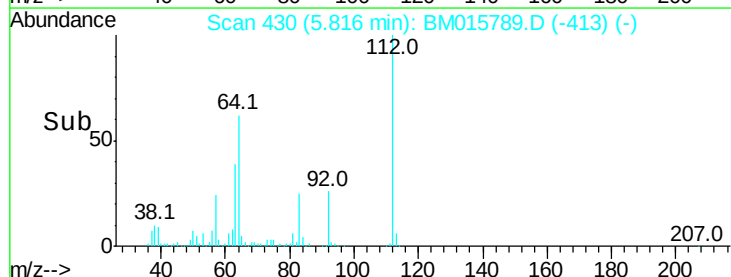
#5

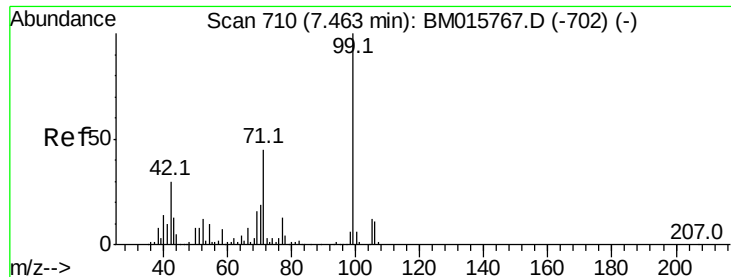
2-Fluorophenol
Concen: N.D. ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

Tgt Ion:112 Resp: 1228140
Ion Ratio Lower Upper
112 100
64 61.9 38.6 57.8#
63 38.7 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: BM015789.D

Acq: 06 Jul 2018 07:05

Instrument :

BNA_M

ClientSampleId :

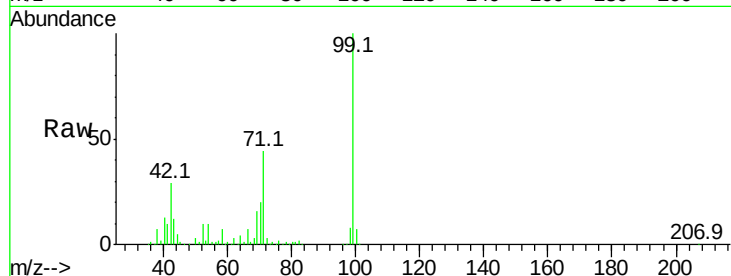
Tot Ion: 99 Resp: 1563428

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

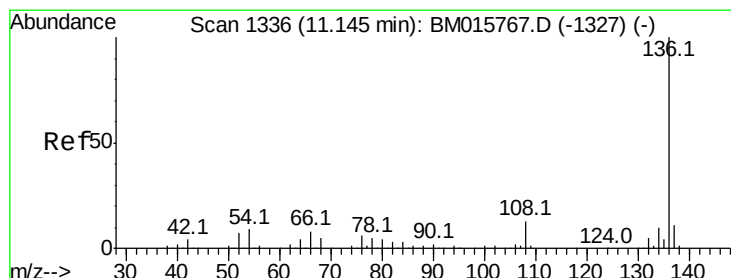
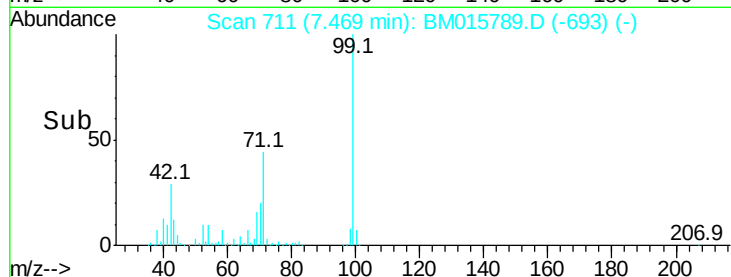
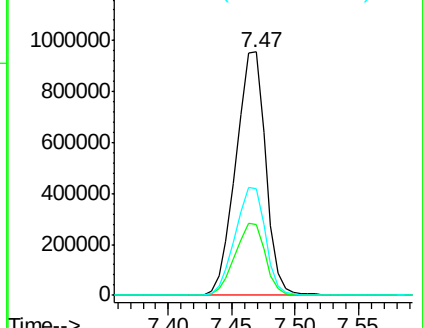
71 43.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015789.D

Acq: 06 Jul 2018 07:05

Tgt Ion: 136 Resp: 432132

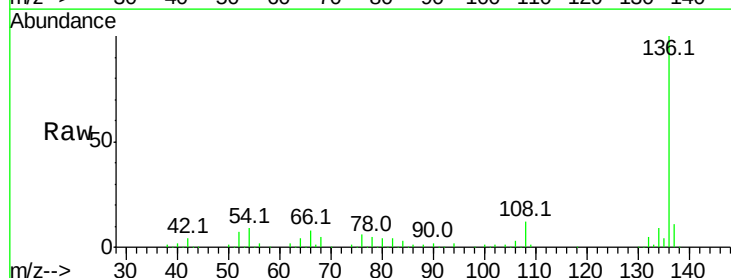
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 4.6 6.8#

68 4.8 3.7 5.5

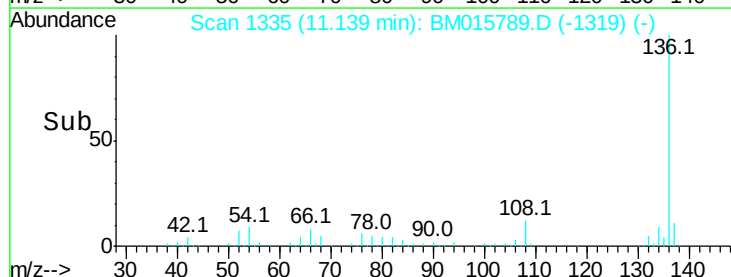
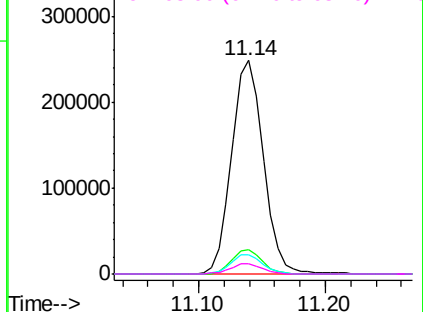


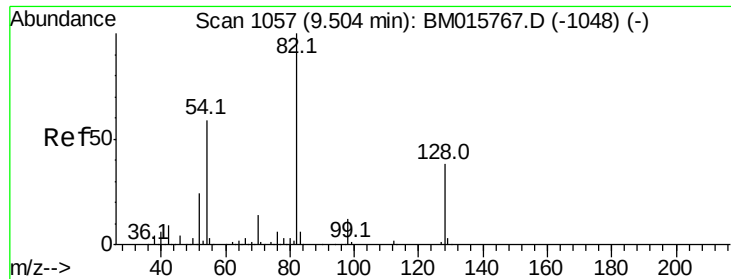
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)



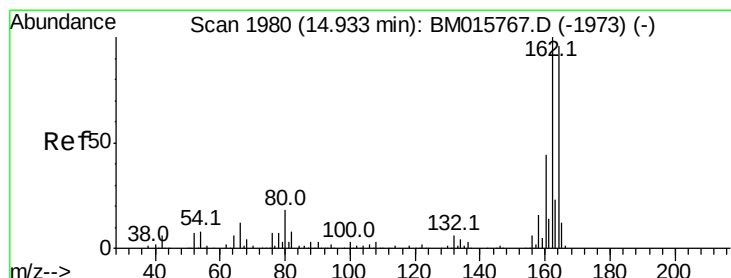
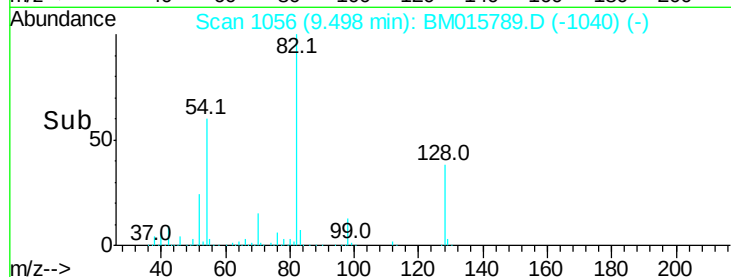
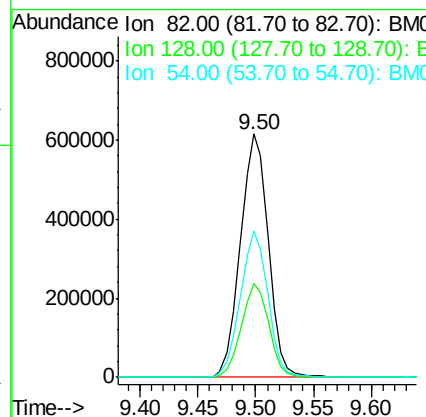
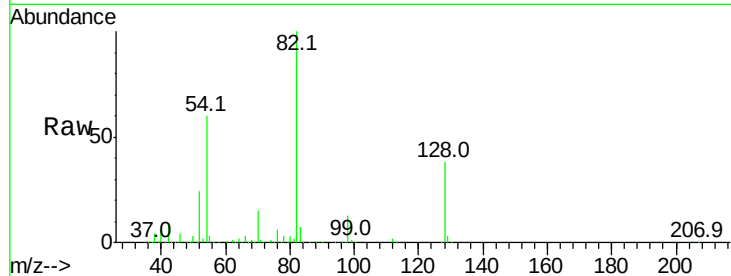


#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1032700

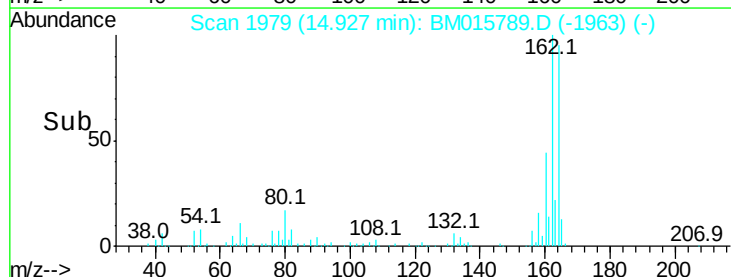
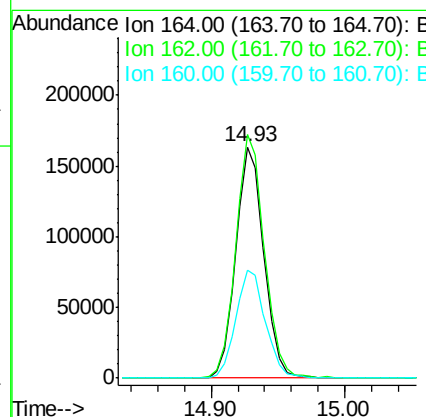
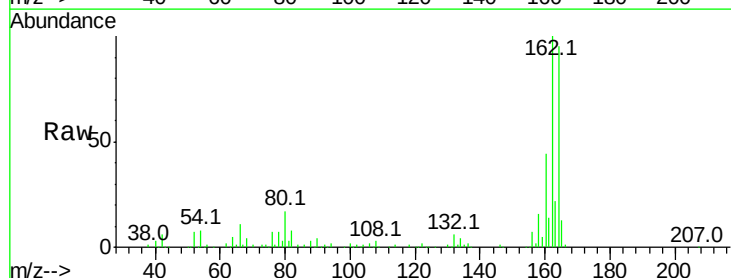
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	60.3	40.6	60.8

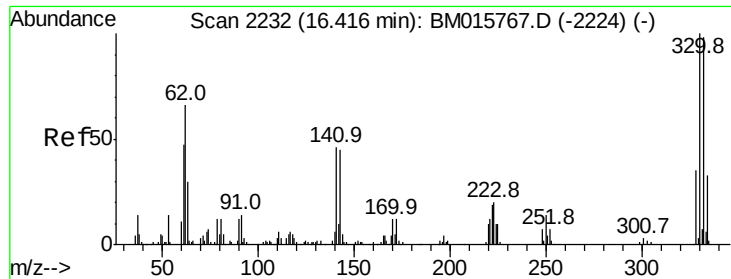


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Tgt Ion: 164 Resp: 238938

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.4	123.6
160	46.6	35.8	53.6

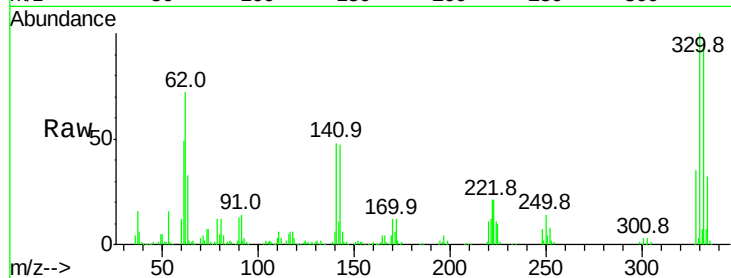




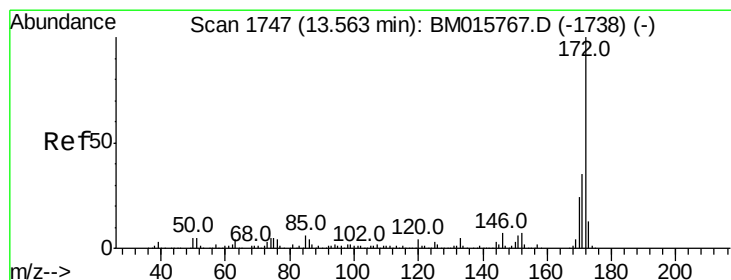
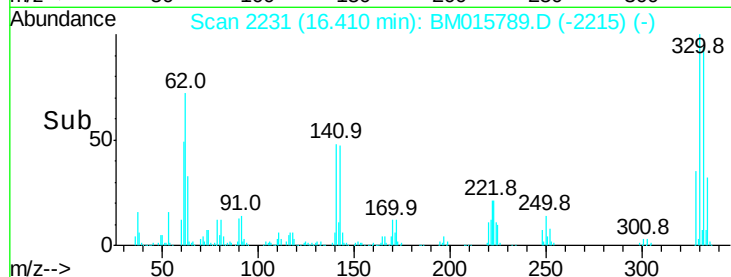
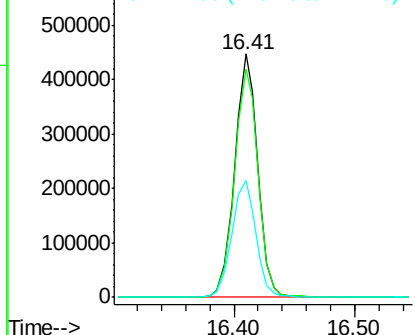
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 595714
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 50.1 0.0 0.0#

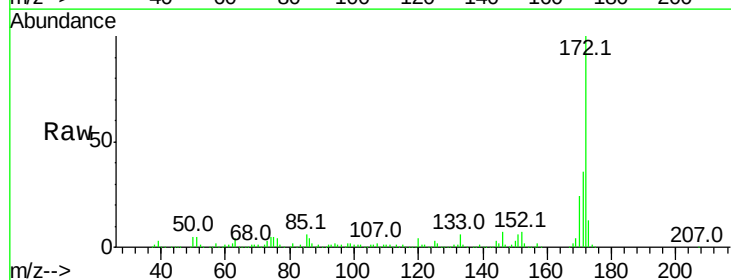


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

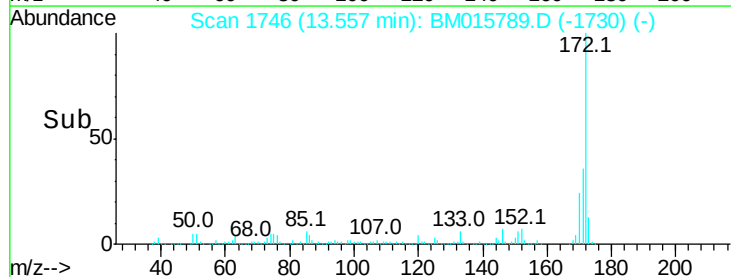
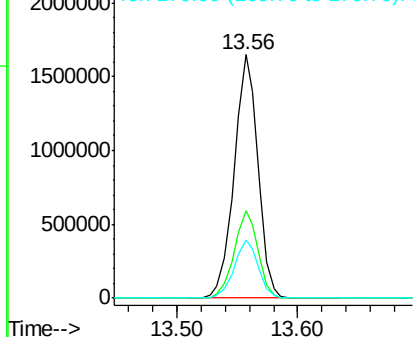


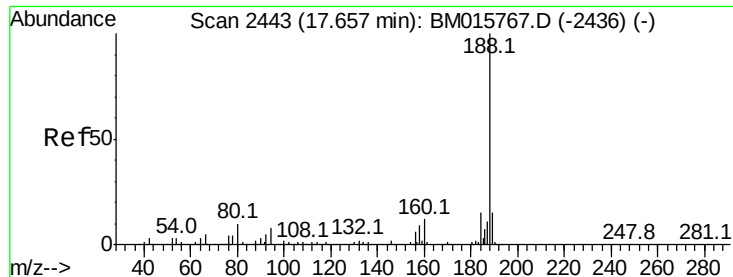
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Tgt Ion:172 Resp: 2257800
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

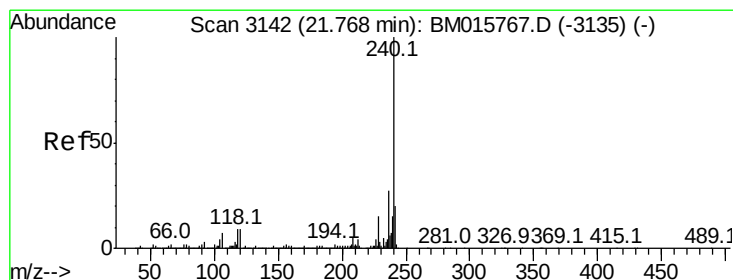
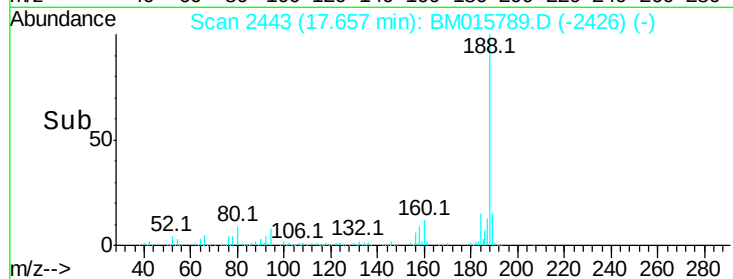
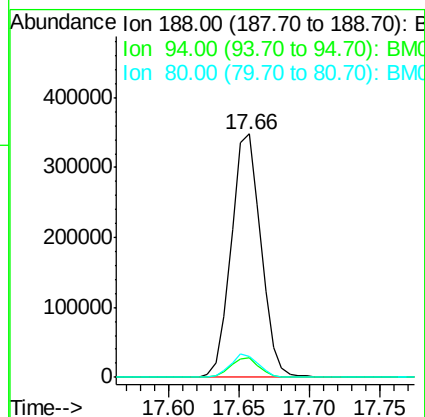
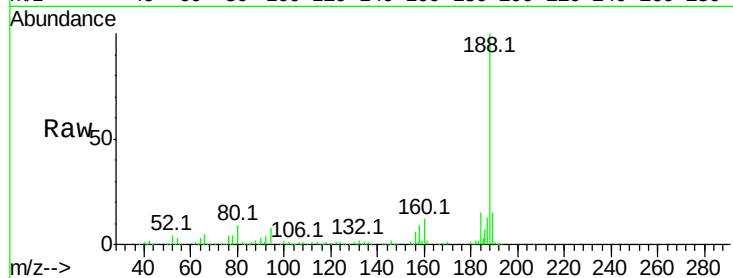




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

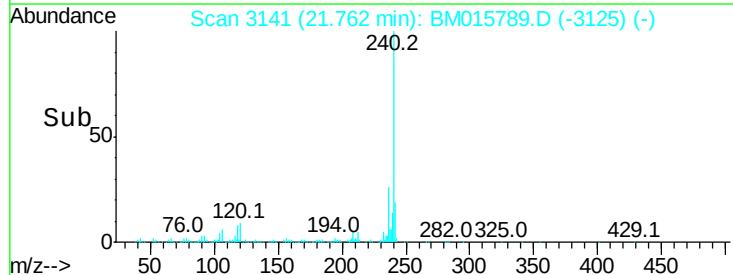
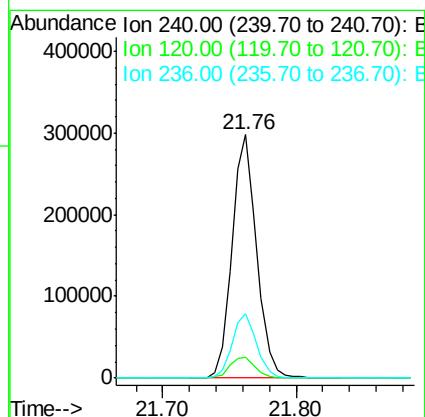
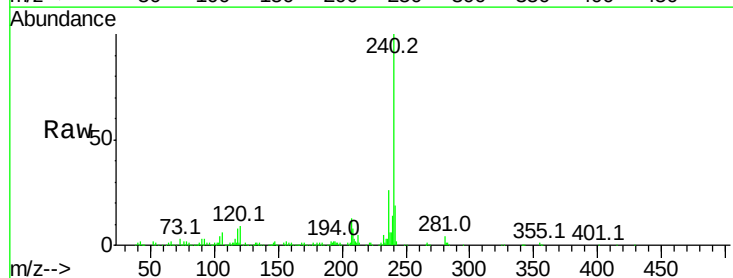
Instrument :
BNA_M
ClientSampleId :

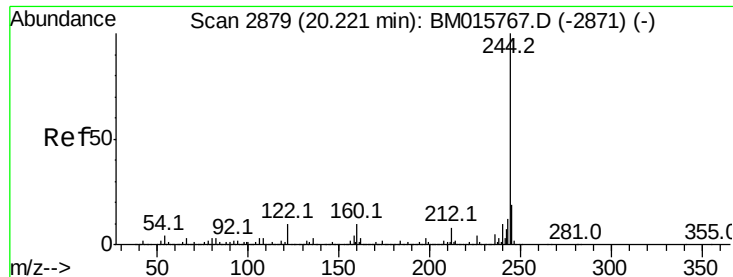
Tot Ion:188 Resp: 511048
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

Tgt Ion:240 Resp: 383427
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015789.D

Acq: 06 Jul 2018 07:05

Instrument :

BNA_M

ClientSampleId :

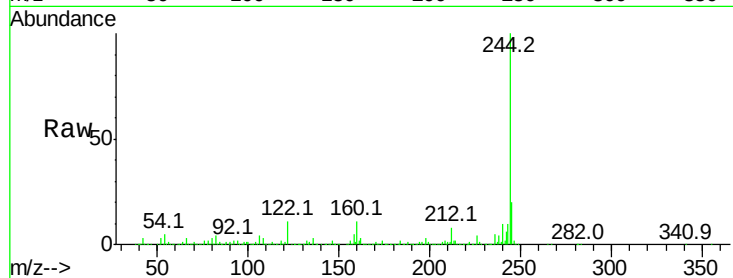
Tot Ion:244 Resp: 3110249

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	10.6	6.2	9.4#

244 100

212 8.4 4.9 7.3#

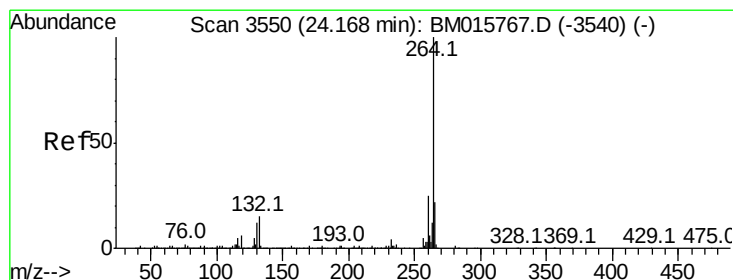
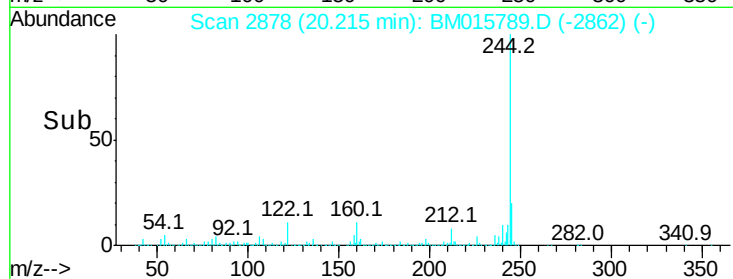
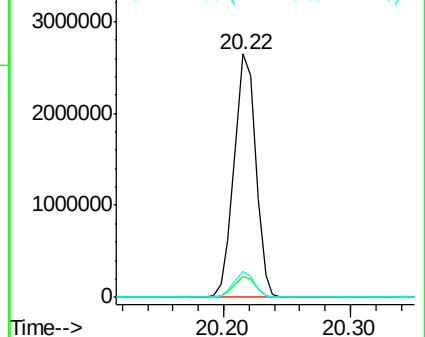
122 10.6 6.2 9.4#



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: BM015789.D

Acq: 06 Jul 2018 07:05

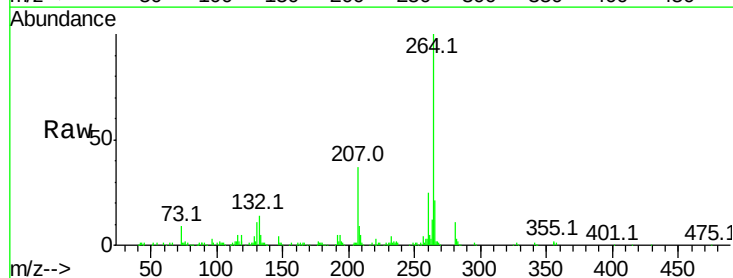
Tgt Ion:264 Resp: 314549

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	21.4	17.3	25.9

264 100

260 25.2 18.6 27.8

265 21.4 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

