

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 :
 PB110790BL

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

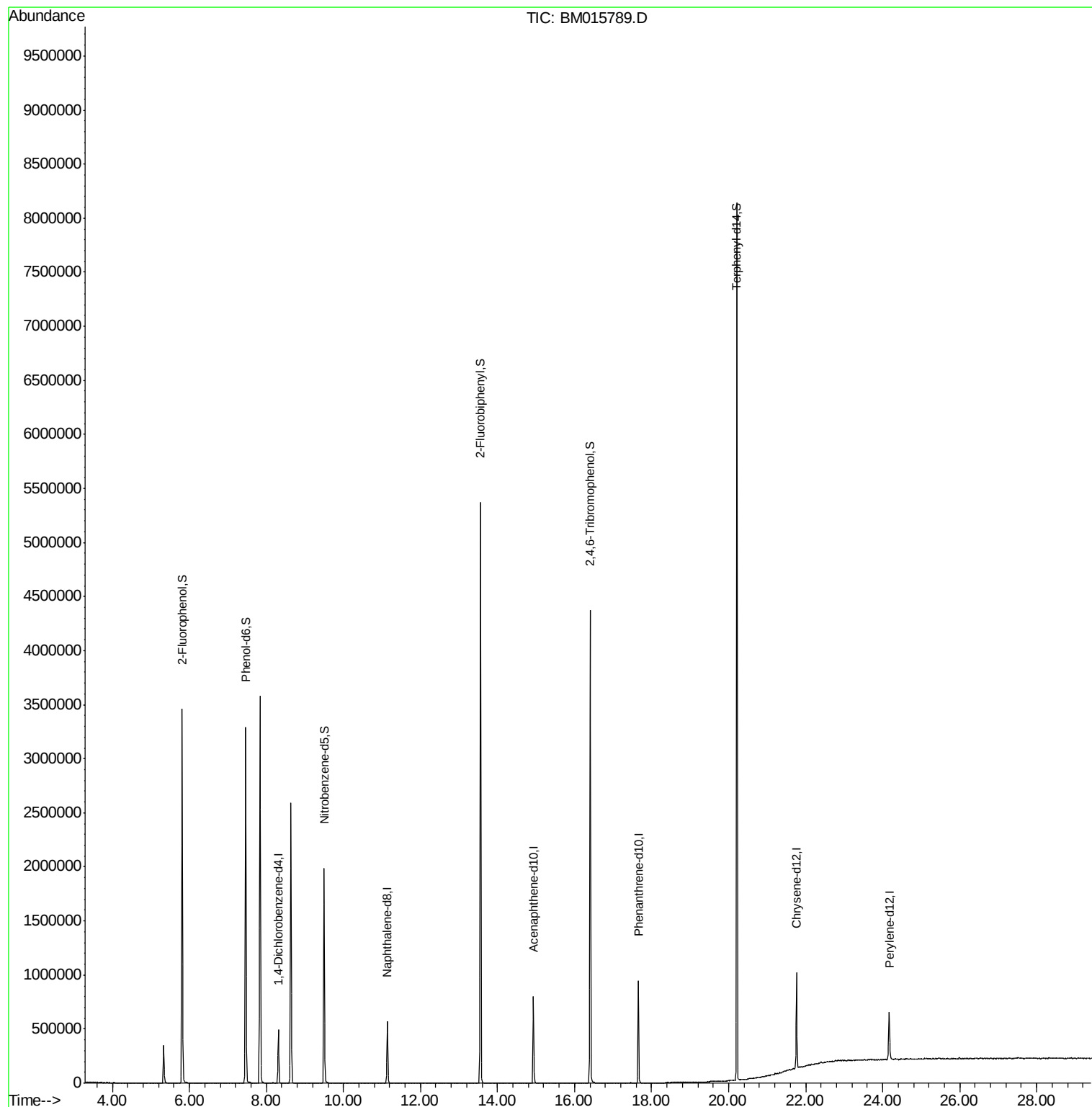
Target Compounds Qvalue

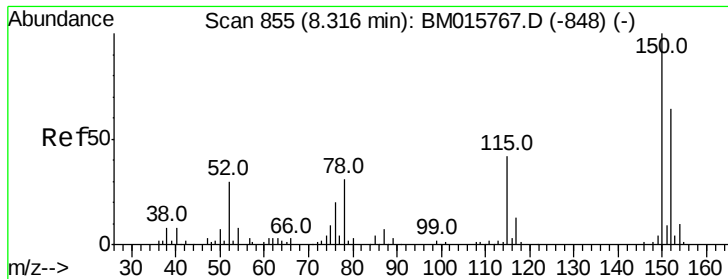
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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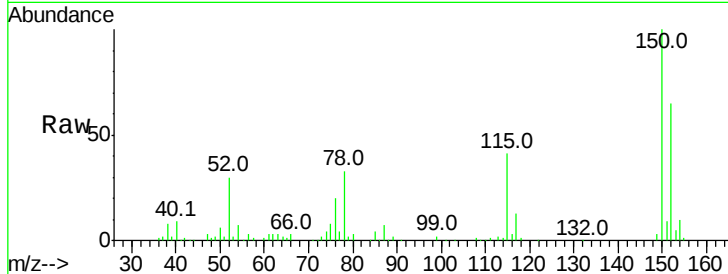


#1

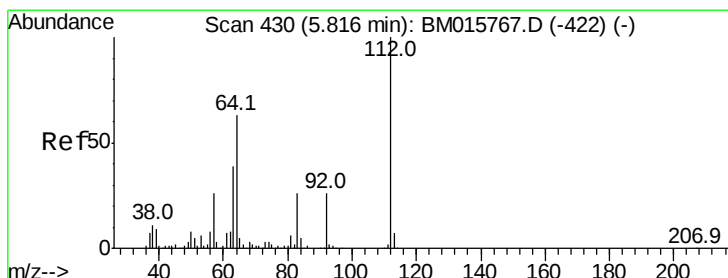
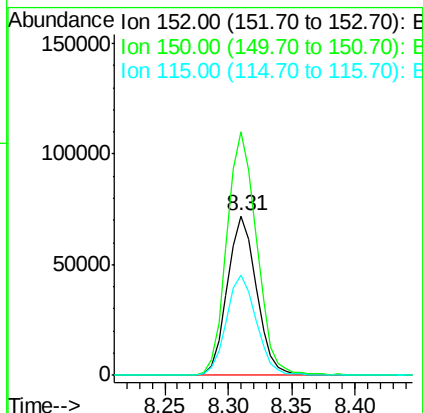
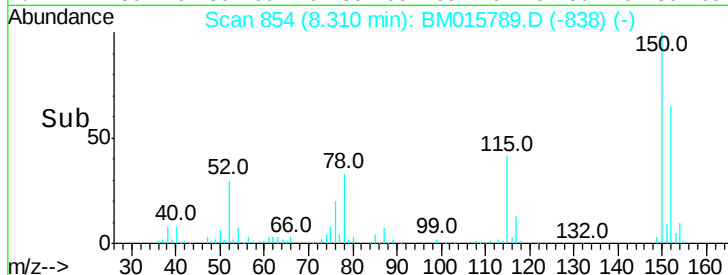
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

Instrument :
BNA_M
ClientSampleId :
PB110790BL

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



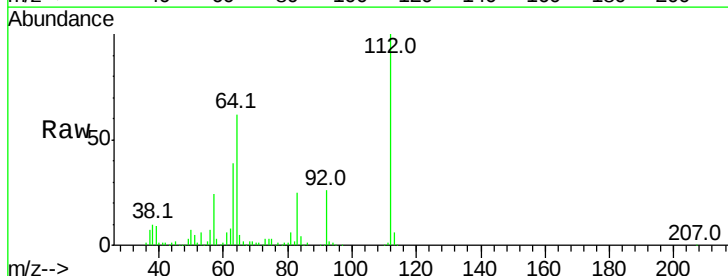
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



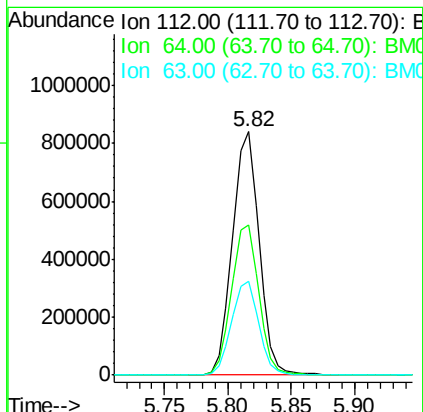
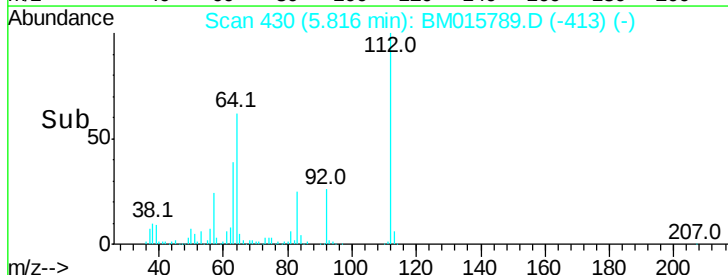
#5

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 :

PB110790BL

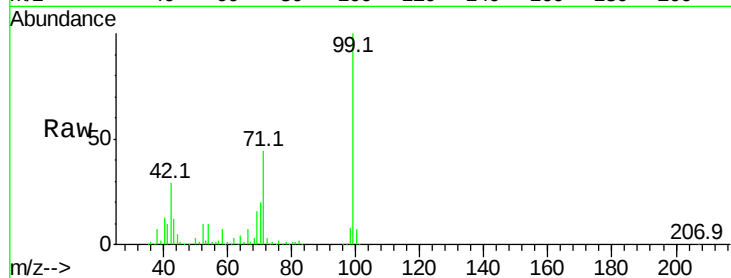
Tot Ion: 99 Resp: 1563428

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

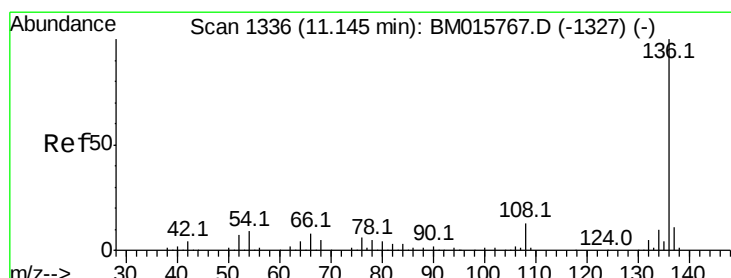
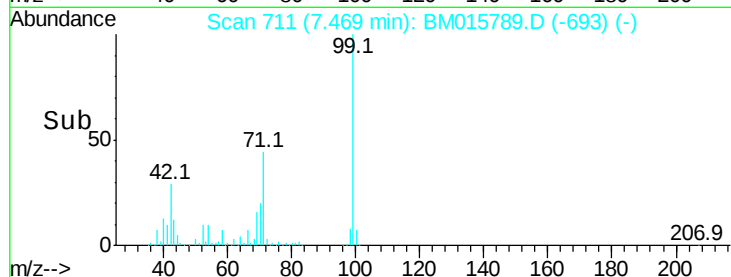
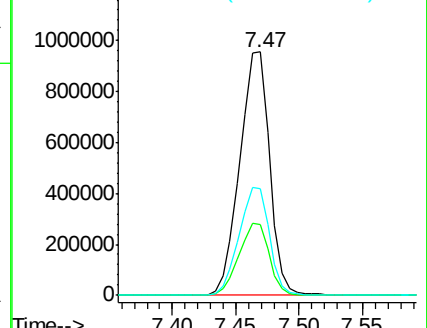
71 43.8 23.4 35.2#



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

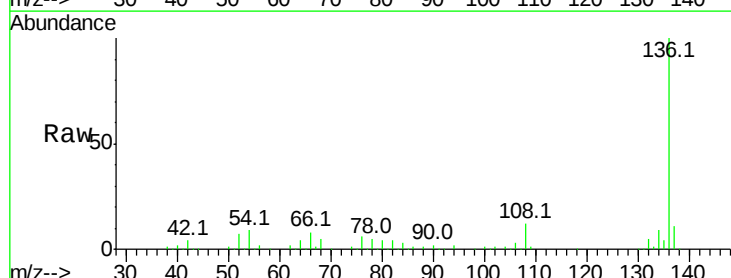
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 4.6 6.8#

68 4.8 3.7 5.5

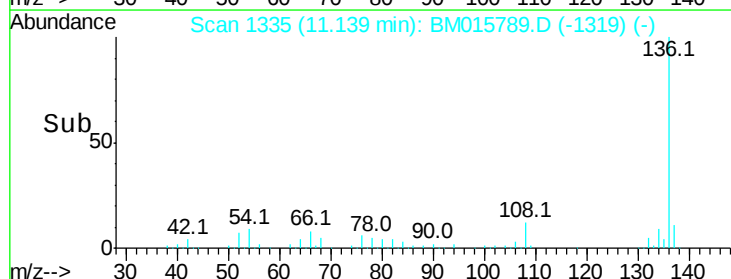
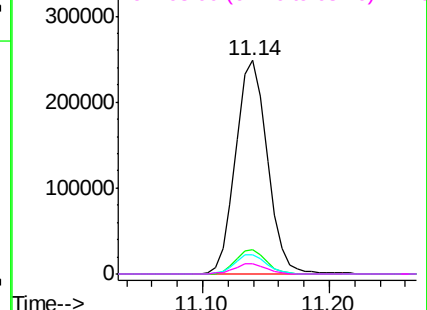


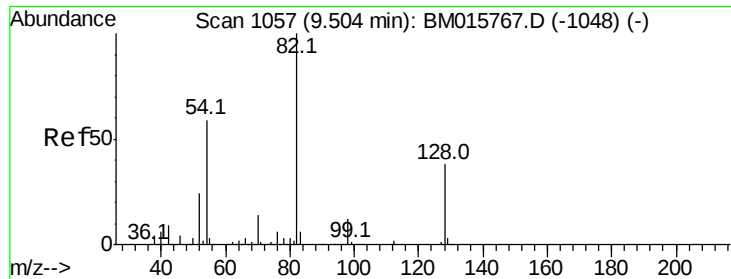
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)



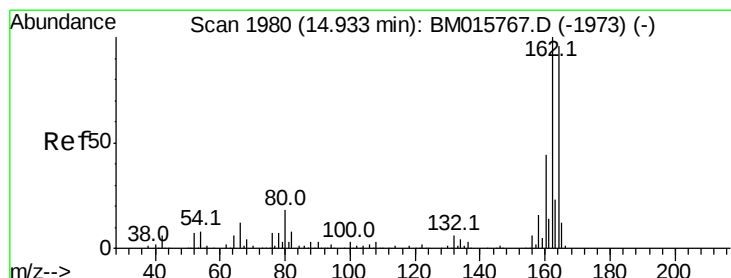
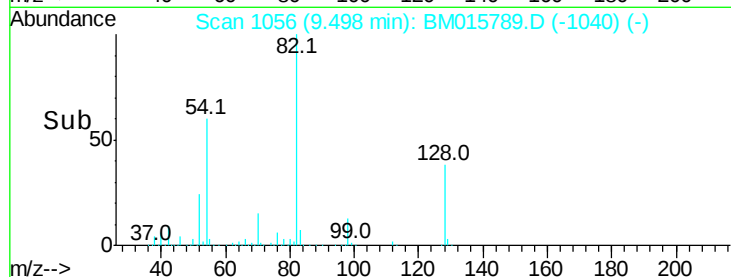
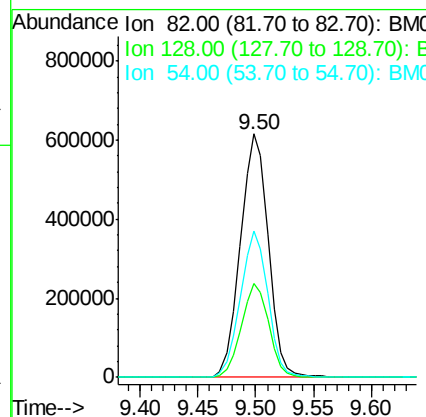
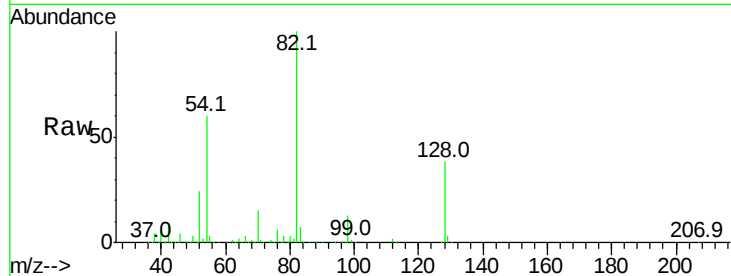


#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

Tot Ion: 82 Resp: 1032700

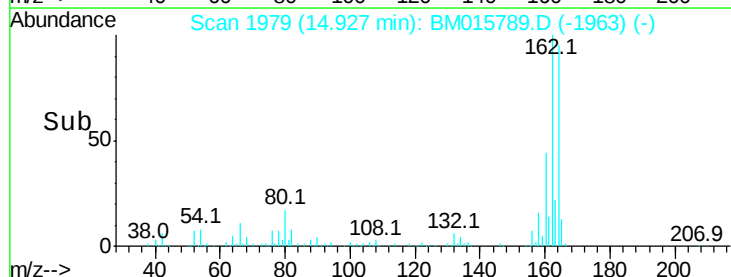
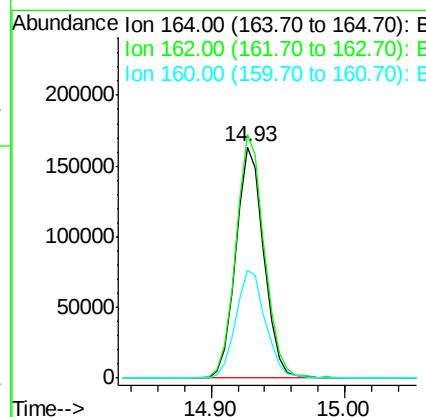
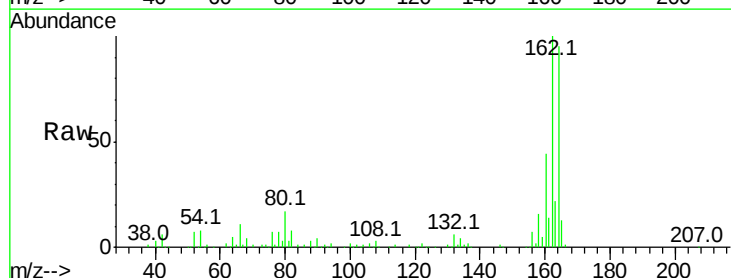
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	60.3	40.6	60.8

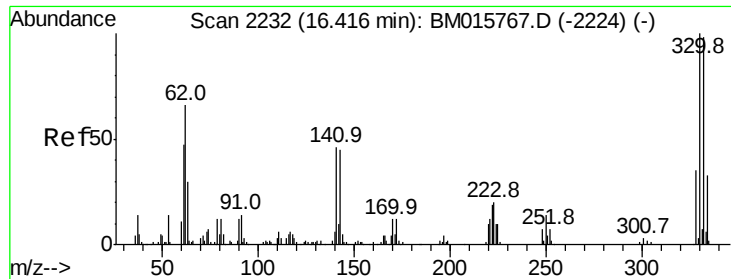


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

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

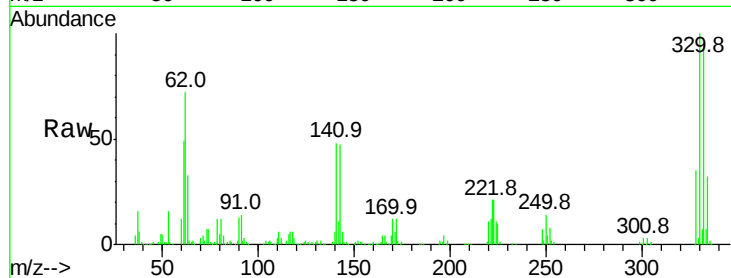




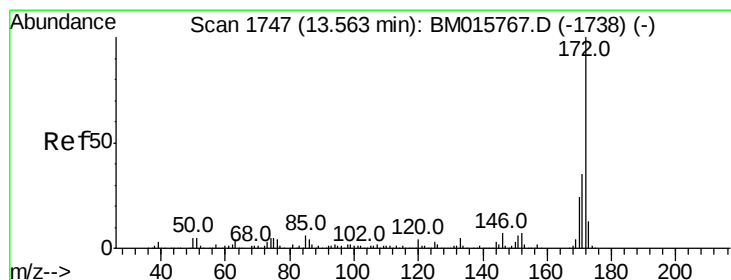
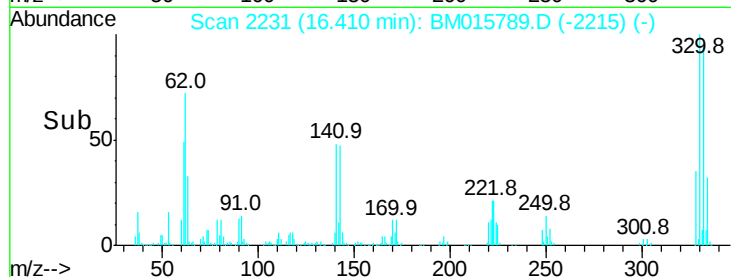
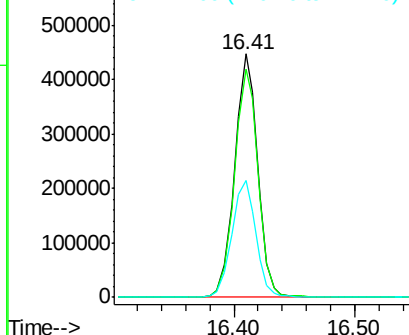
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

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#

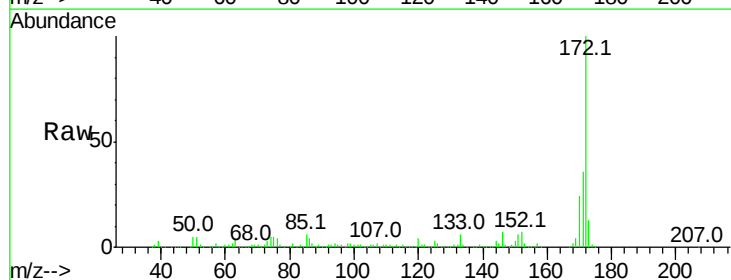


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

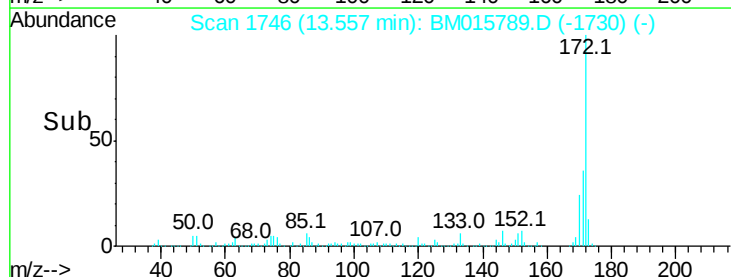
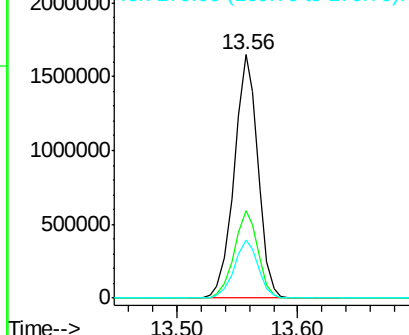


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

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

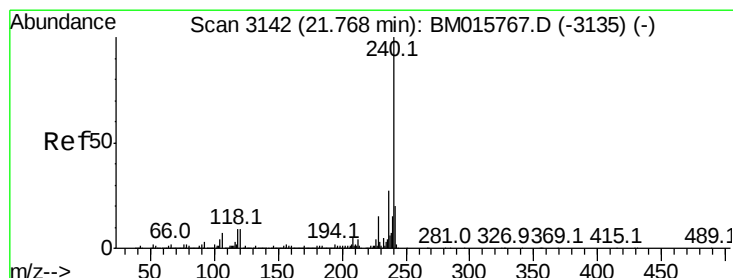
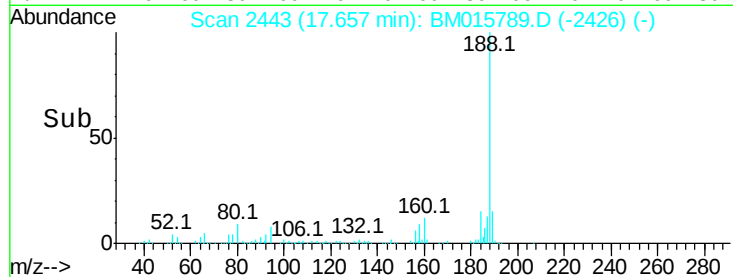
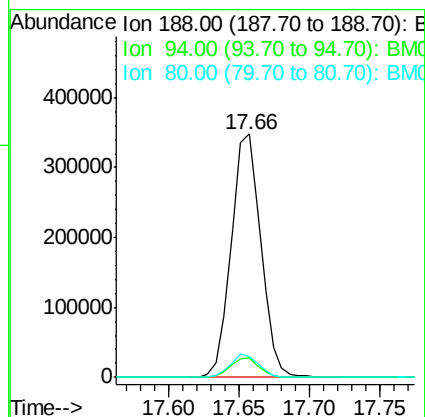
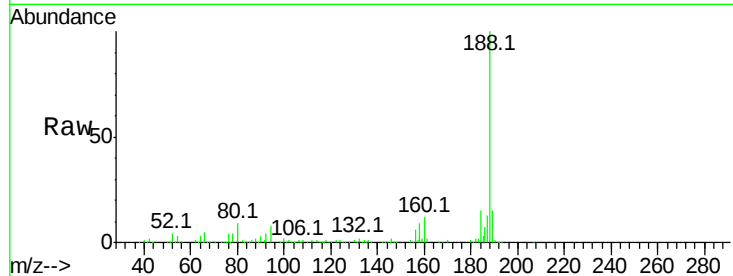




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015789.D
Acq: 06 Jul 2018 07:05

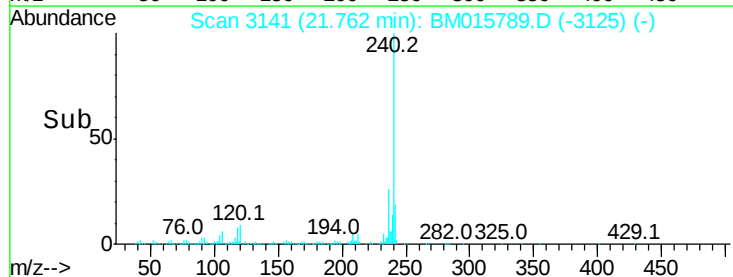
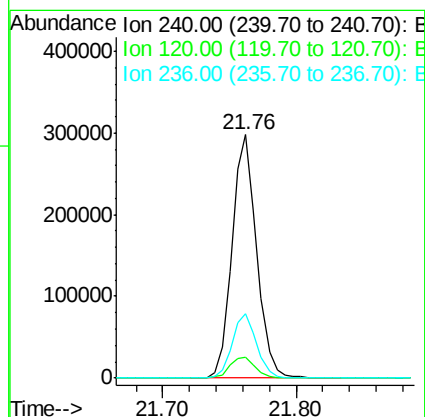
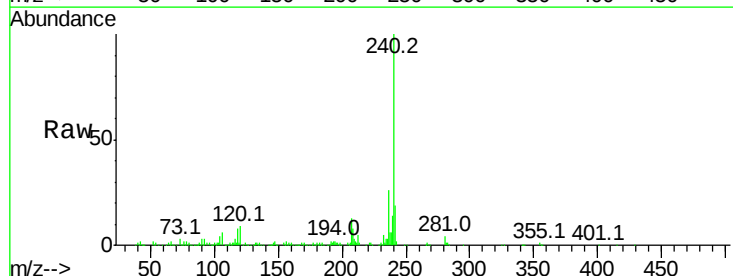
Instrument :
BNA_M
ClientSampleId :
PB110790BL

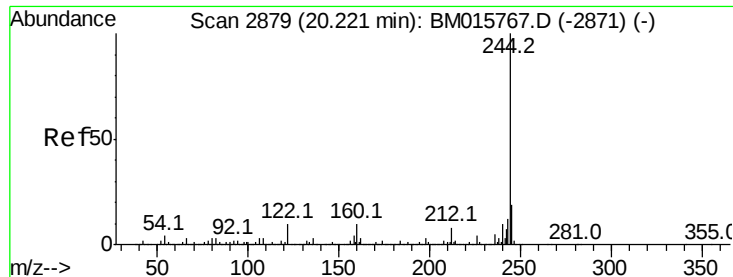
Tot Ion:188 Resp: 511048
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.6 9.3 13.9#



#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



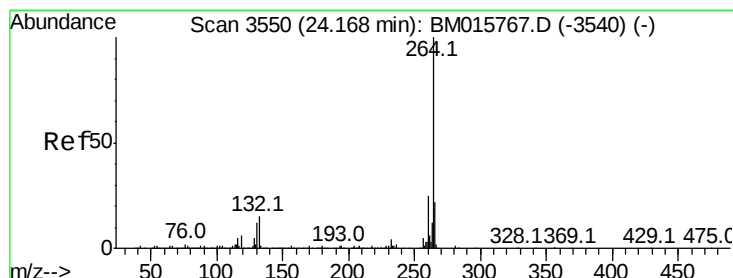
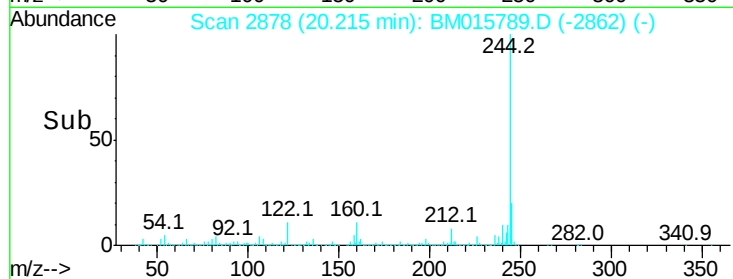
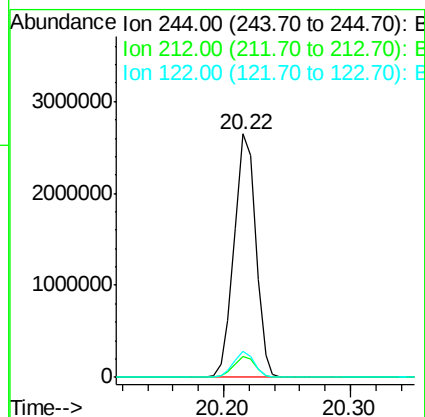
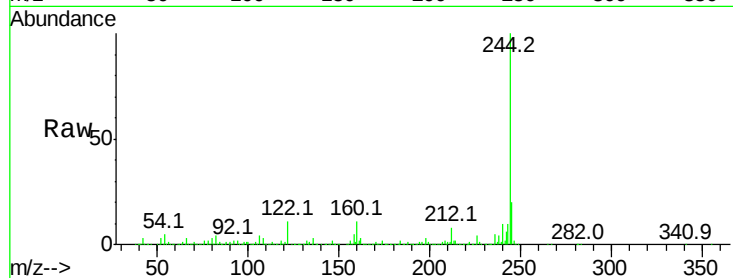


#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015789.D
 Acq: 06 Jul 2018 07:05

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

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#



#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

