

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015807.D
 Acq On : 06 Jul 2018 18:17
 Operator : SJ/JU
 Sample : PB110790BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

Quant Time: Jul 07 01:30:43 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	8.30	152	122831	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	469391	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	247738	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	475898	20.00	ng	0.00
75) Chrysene-d12	21.76	240	322806	20.00	ng	0.00
86) Perylene-d12	24.16	264	299777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	1077653	150.46	ng	0.00
7) Phenol-d6	7.46	99	1368862	139.60	ng	0.00
23) Nitrobenzene-d5	9.49	82	905727	94.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	425909	131.57	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1888897	94.66	ng	-0.01
78) Terphenyl-d14	20.22	244	2022985	116.24	ng	0.00

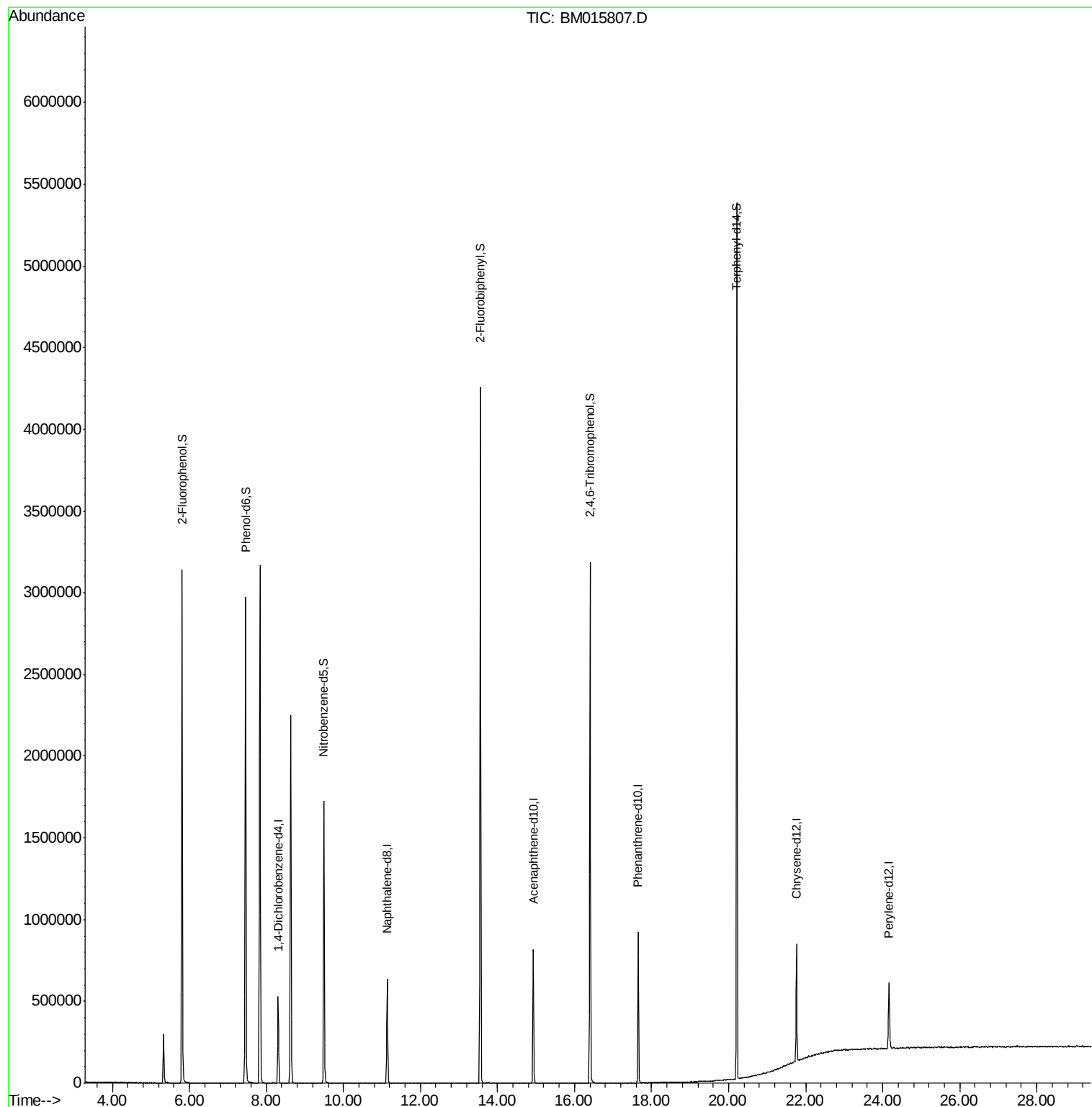
Target Compounds	Qvalue
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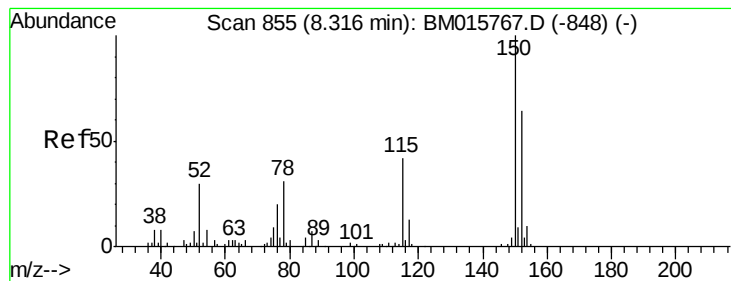
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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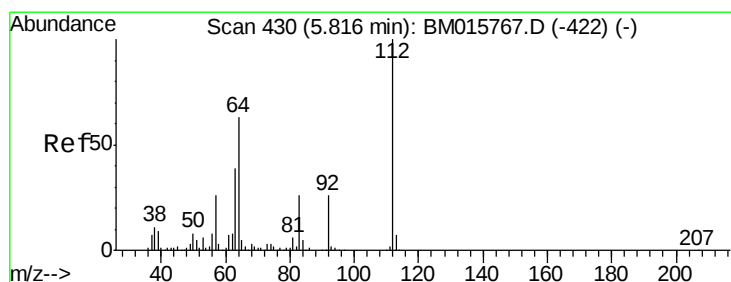
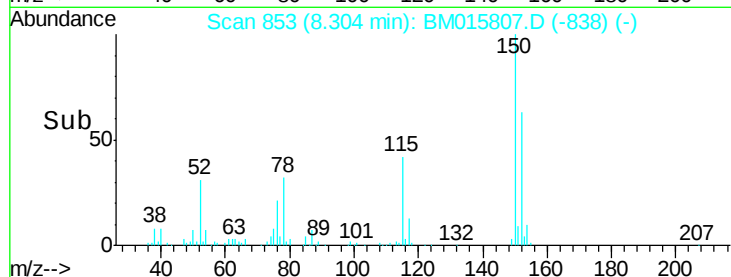
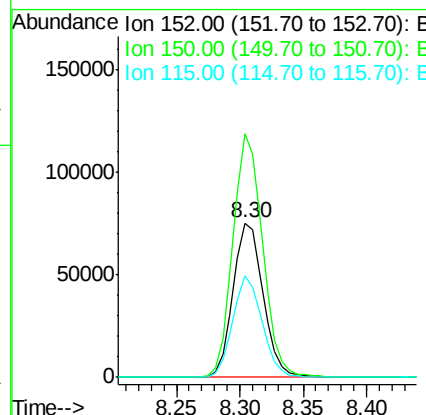
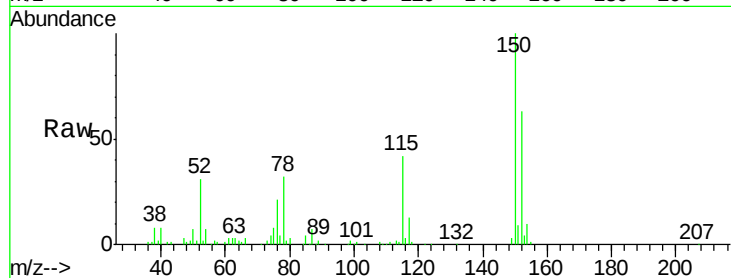




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

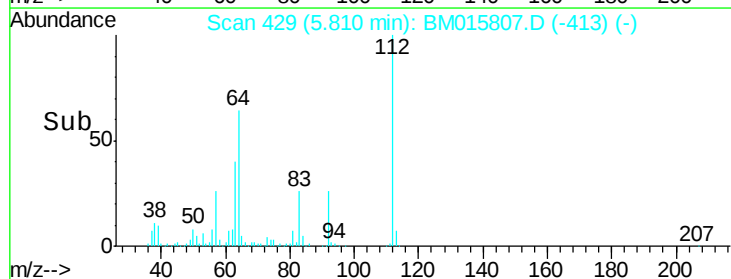
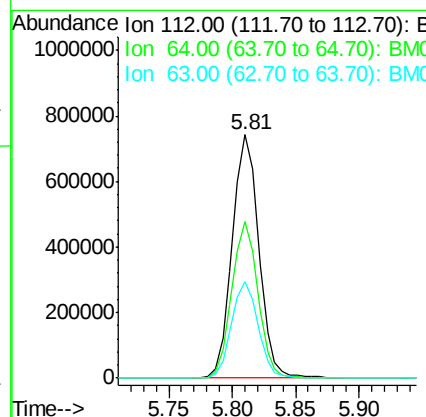
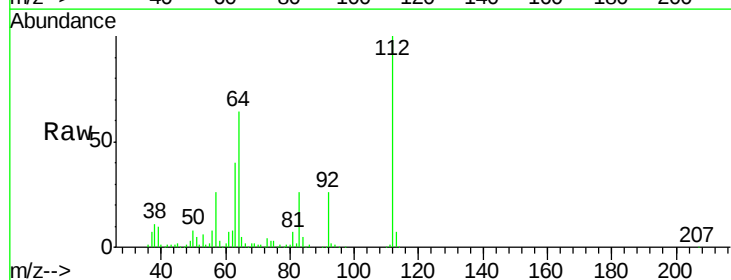
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

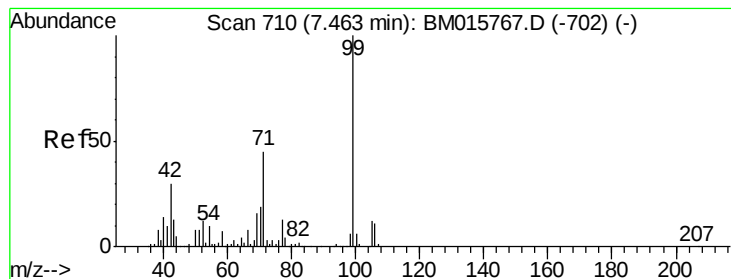
Tgt Ion:152 Resp: 122831
 Ion Ratio Lower Upper
 152 100
 150 157.8 119.5 179.3
 115 65.6 43.0 64.4#



#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.81 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

Tgt Ion:112 Resp: 1077653
 Ion Ratio Lower Upper
 112 100
 64 64.2 38.6 57.8#
 63 39.7 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: BM015807.D

Acq: 06 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

PB110790BL

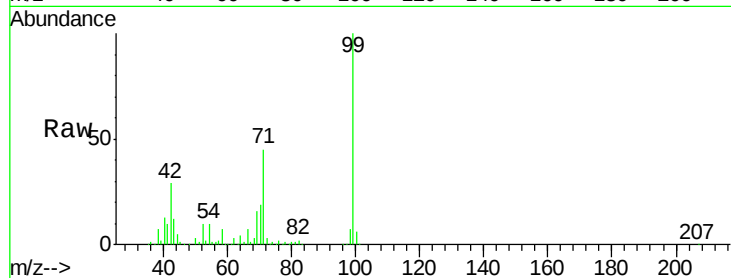
Tgt Ion: 99 Resp: 1368862

Ion Ratio Lower Upper

99 100

42 29.1 11.0 16.4#

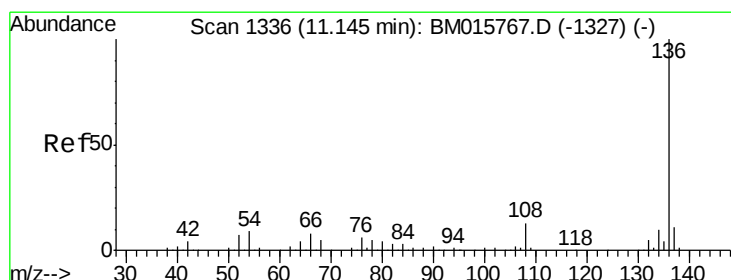
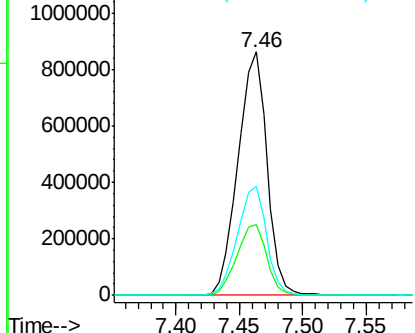
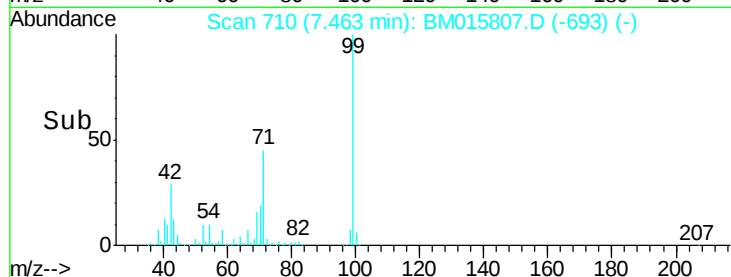
71 44.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015807.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BM015807.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BM015807.D (-693) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM015807.D

Acq: 06 Jul 2018 18:17

Tgt Ion: 136 Resp: 469391

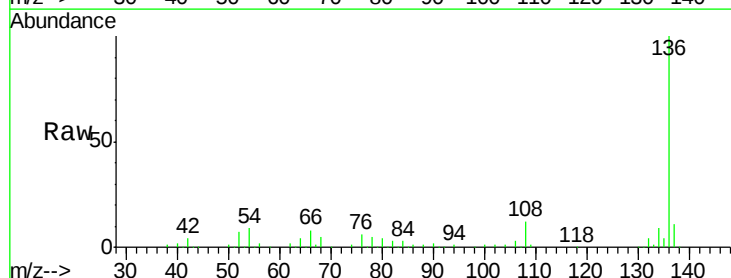
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.2 4.6 6.8#

68 4.9 3.7 5.5

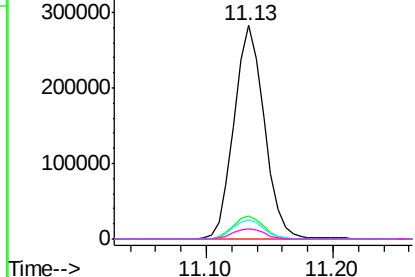
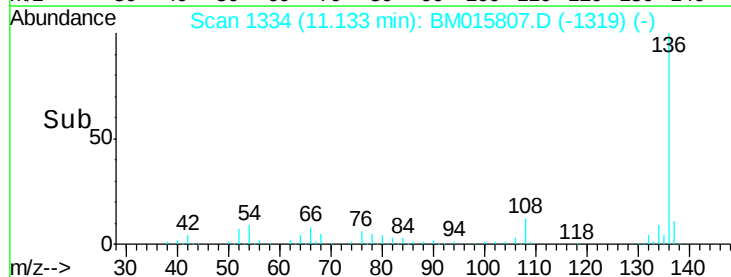


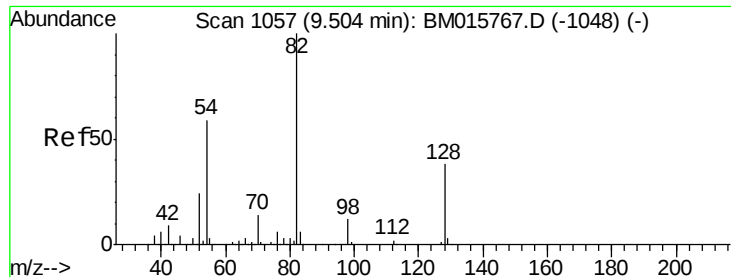
Abundance Ion 136.00 (135.70 to 136.70): BM015807.D (-1319) (-)

Ion 137.00 (136.70 to 137.70): BM015807.D (-1319) (-)

Ion 54.00 (53.70 to 54.70): BM015807.D (-1319) (-)

Ion 68.00 (67.70 to 68.70): BM015807.D (-1319) (-)

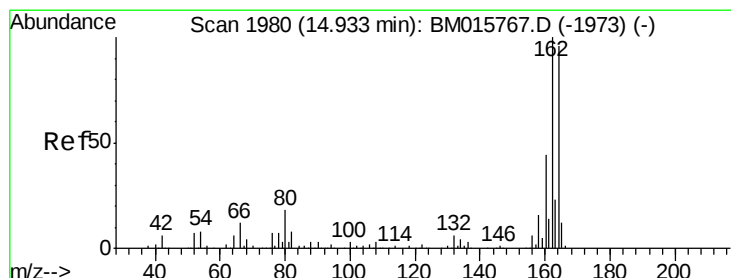
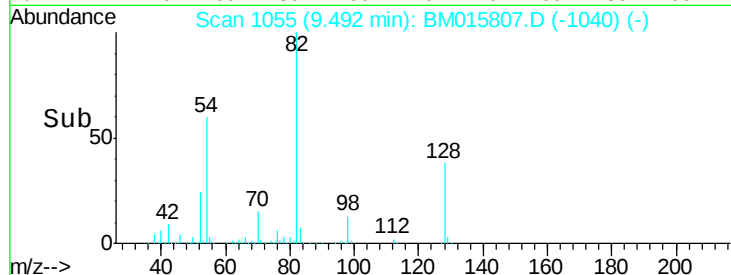
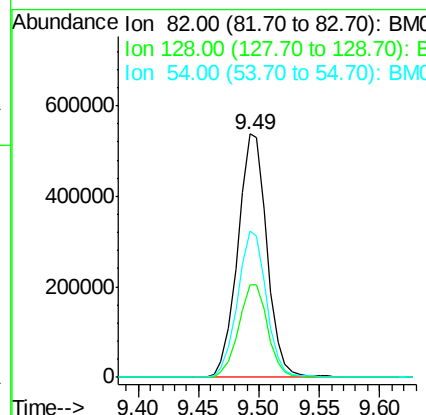
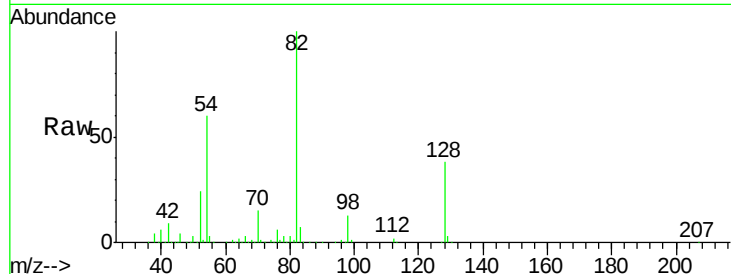




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

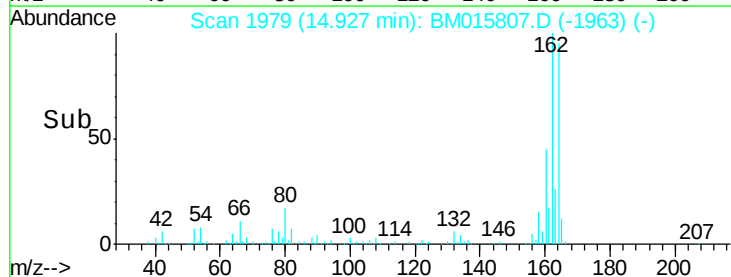
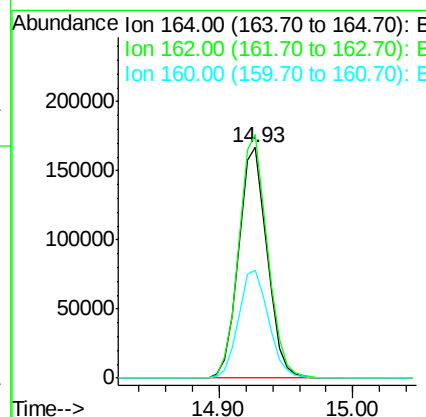
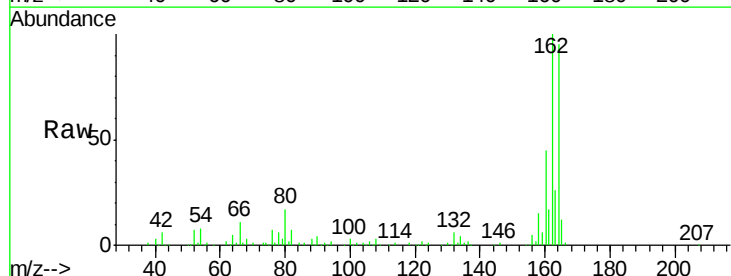
Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

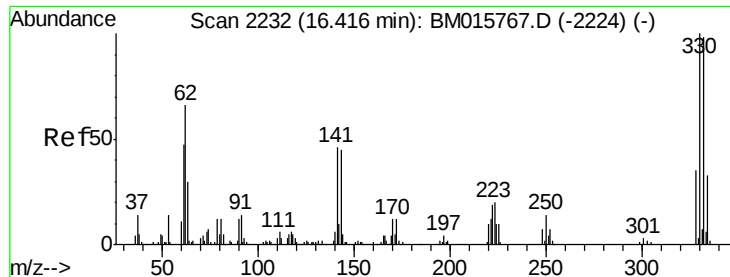
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.8	49.2
54	60.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	47.0	35.8	53.6

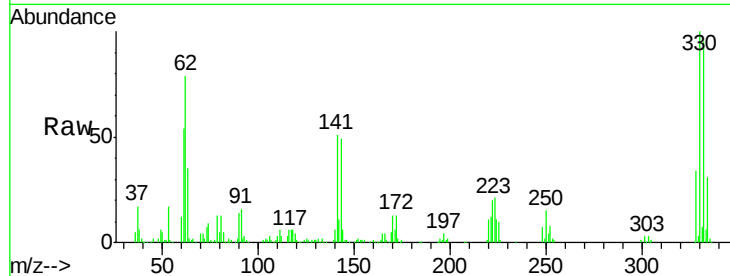




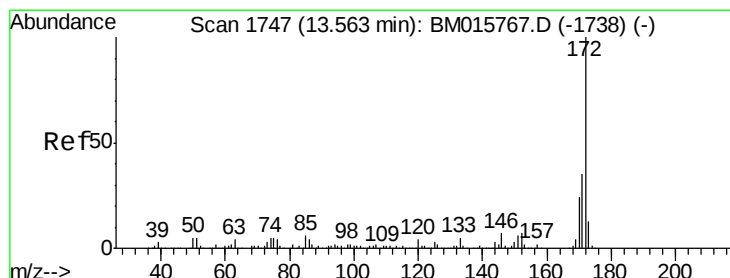
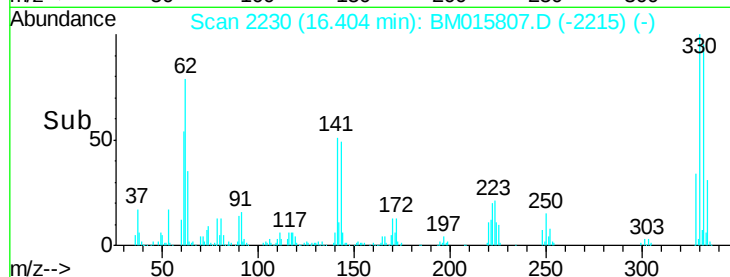
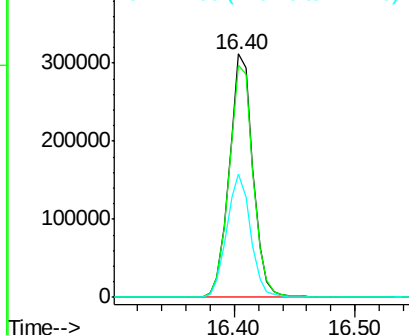
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BL

Tgt Ion:330 Resp: 425909
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 51.1 0.0 0.0#

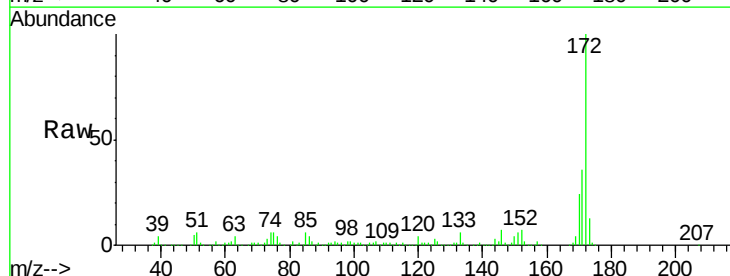


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

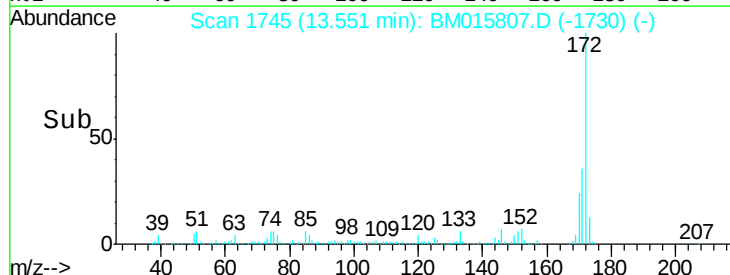
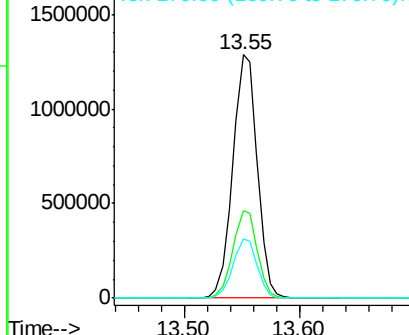


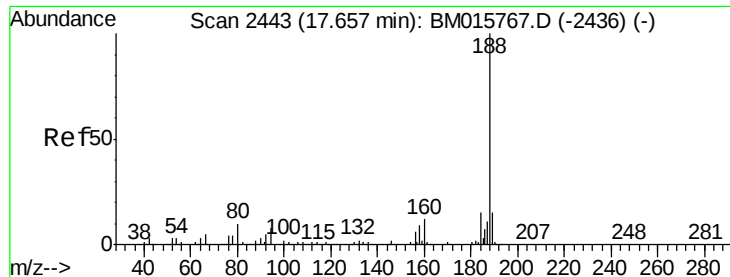
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015807.D
 Acq: 06 Jul 2018 18:17

Tgt Ion:172 Resp: 1888897
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

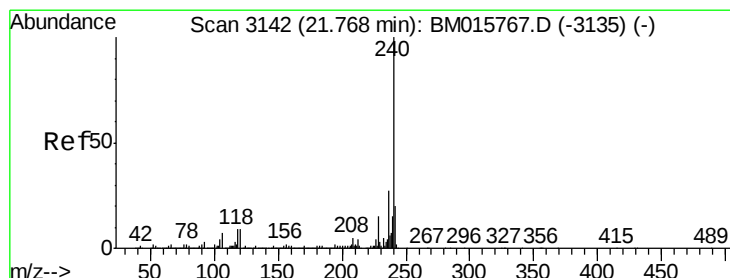
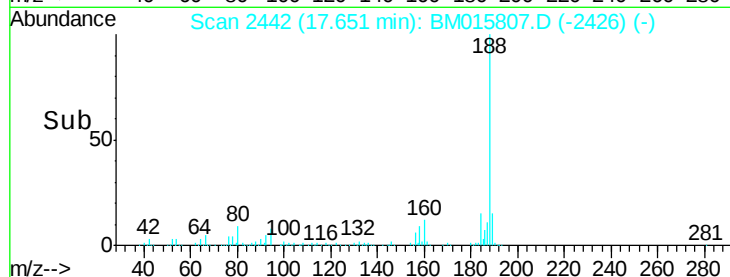
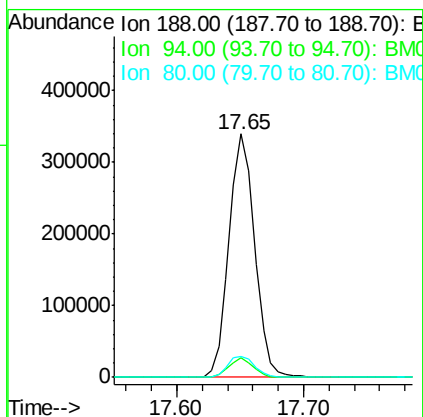
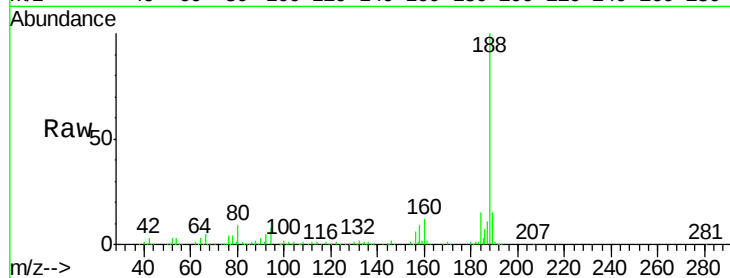




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015807.D
Acq: 06 Jul 2018 18:17

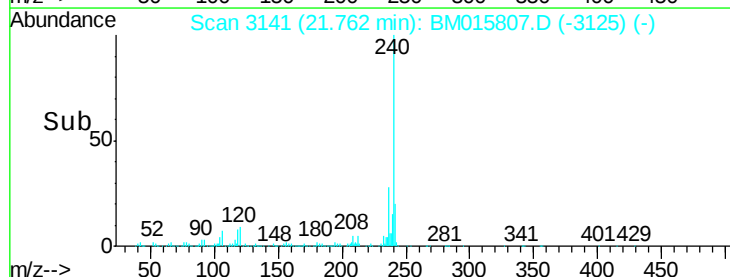
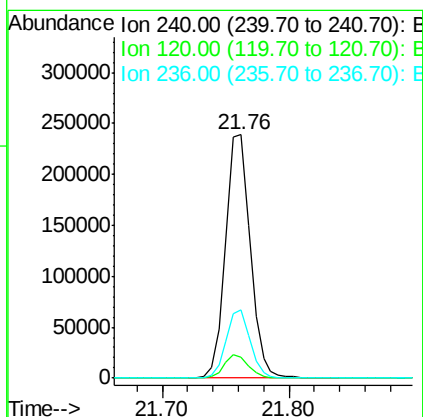
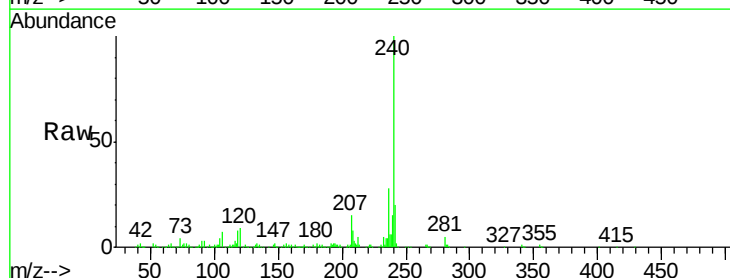
Instrument :
BNA_M
ClientSampleId :
PB110790BL

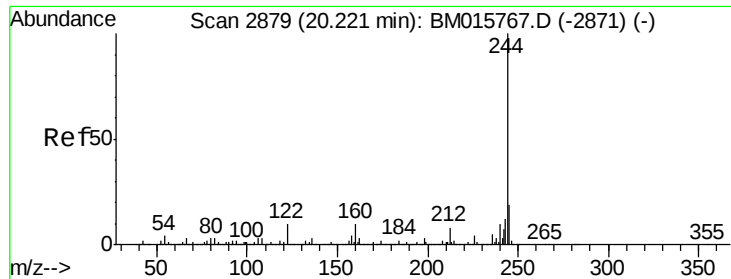
Tgt Ion:188 Resp: 475898
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015807.D
Acq: 06 Jul 2018 18:17

Tgt Ion:240 Resp: 322806
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 27.9 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: BM015807.D

Acq: 06 Jul 2018 18:17

Instrument :

BNA_M

ClientSampleId :

PB110790BL

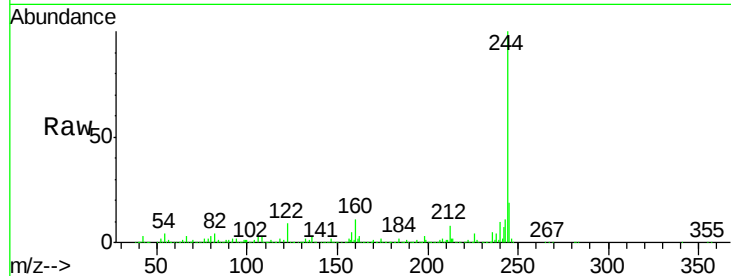
Tgt Ion:244 Resp: 2022985

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

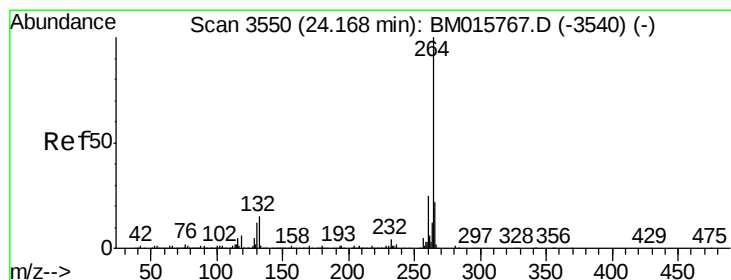
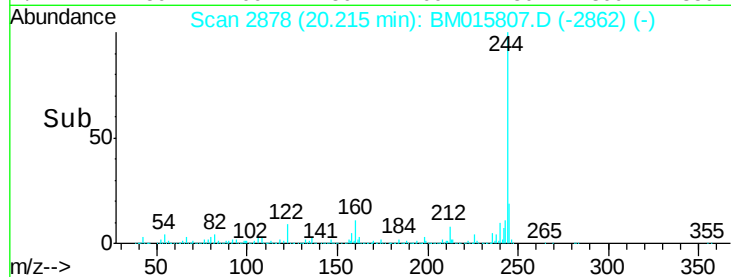
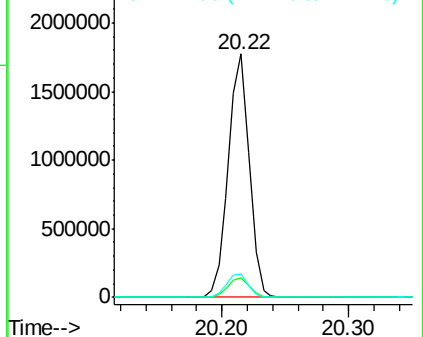
122 9.4 6.2 9.4#



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: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015807.D

Acq: 06 Jul 2018 18:17

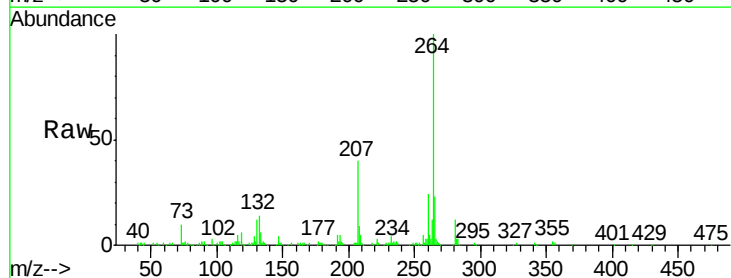
Tgt Ion:264 Resp: 299777

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.8 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

