

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015832.D
 Acq On : 07 Jul 2018 09:51
 Operator : SJ/JU
 Sample : J3868-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-TP-5-S

Quant Time: Jul 09 00:54:44 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

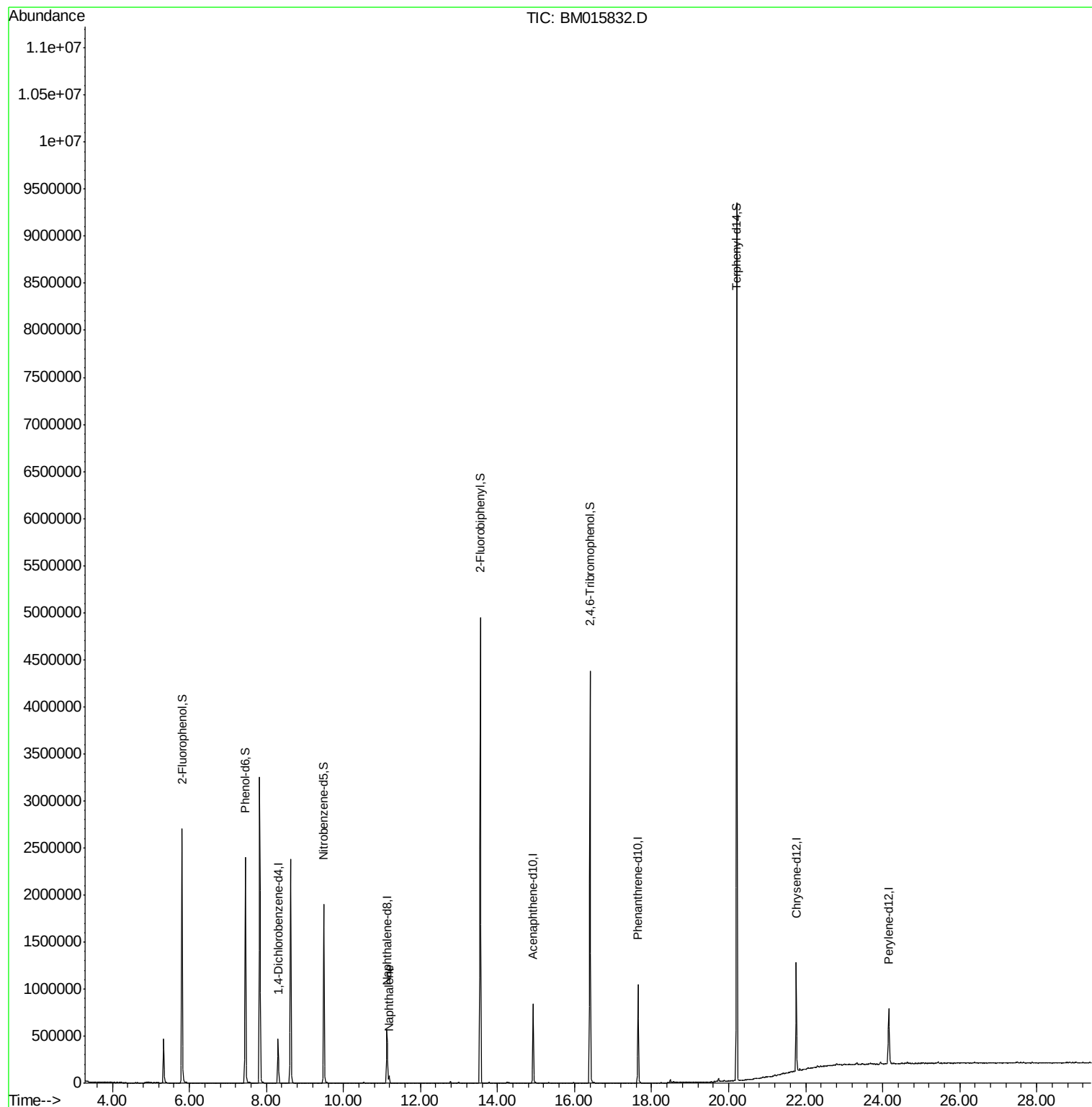
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	106918	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	434288	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	242495	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	548330	20.00	ng	0.00
75) Chrysene-d12	21.76	240	484490	20.00	ng	-0.01
86) Perylene-d12	24.16	264	401503	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	930962	149.33	ng	0.00
7) Phenol-d6	7.46	99	1049486	122.96	ng	0.00
23) Nitrobenzene-d5	9.49	82	951847	106.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	559238	176.50	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	2051470	105.03	ng	-0.01
78) Terphenyl-d14	20.22	244	3627342	138.87	ng	0.00
Target Compounds						
31) Naphthalene	11.18	128	60627	2.693	ng	Qvalue 96

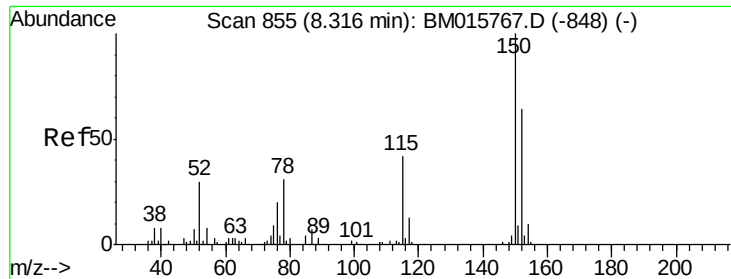
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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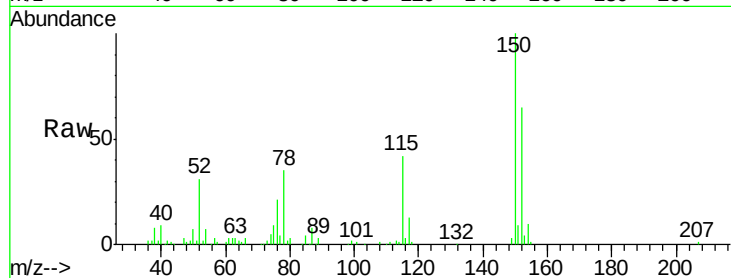




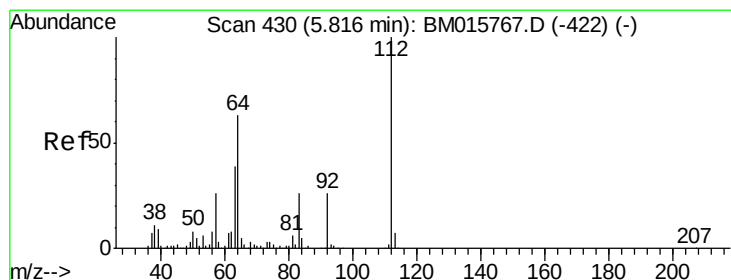
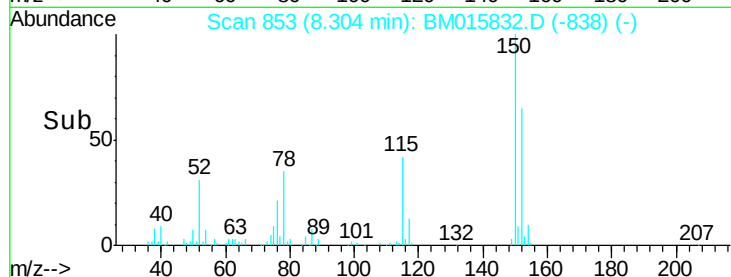
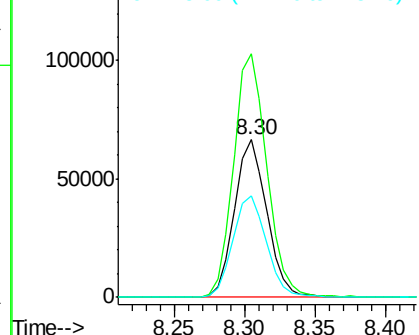
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM015832.D
 Acq: 07 Jul 2018 09:51

Instrument :
 BNA_M
 ClientSampled :
 TP-TP-5-S

Tgt Ion:152 Resp: 106918
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.5 179.3
 115 64.2 43.0 64.4

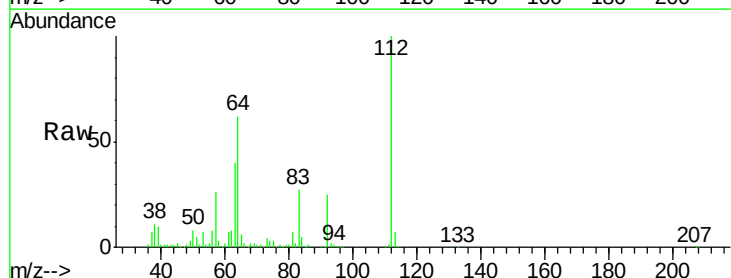


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

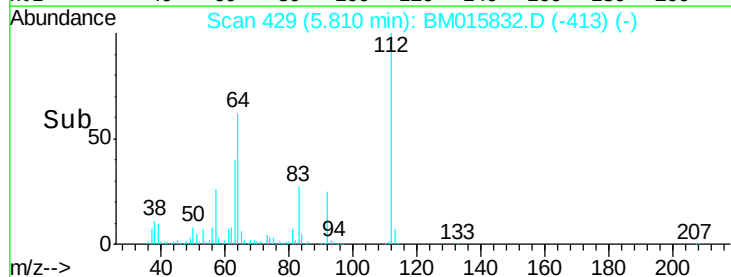
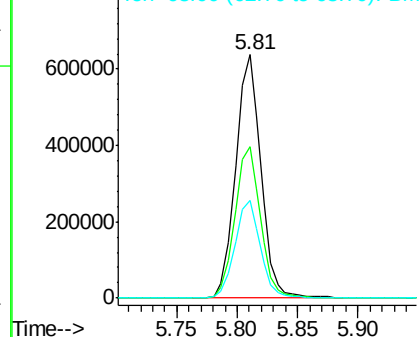


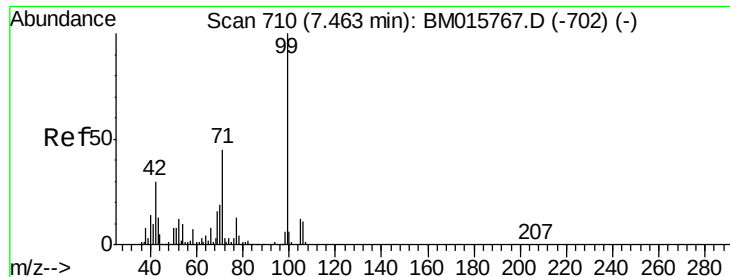
#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.81 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BM015832.D
 Acq: 07 Jul 2018 09:51

Tgt Ion:112 Resp: 930962
 Ion Ratio Lower Upper
 112 100
 64 62.3 38.6 57.8#
 63 39.9 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# 709

Delta R.T. -0.01 min

Lab File: BM015832.D

Acq: 07 Jul 2018 09:51

Instrument :

BNA_M

ClientSampleId :

TP-TP-5-S

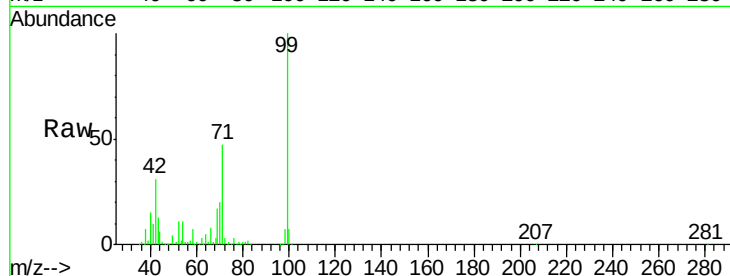
Tgt Ion: 99 Resp: 1049486

Ion Ratio Lower Upper

99 100

42 31.0 11.0 16.4#

71 46.9 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

800000

600000

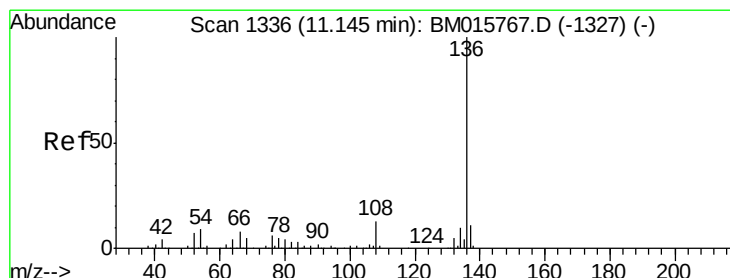
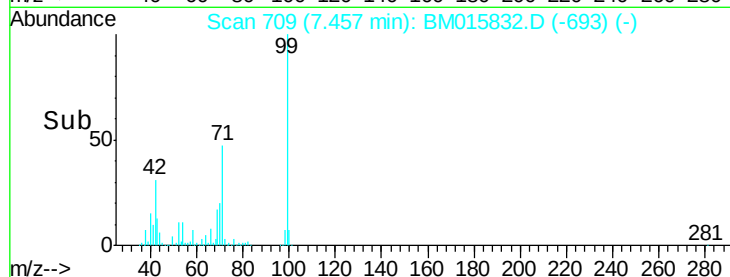
400000

200000

0

7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015832.D

Acq: 07 Jul 2018 09:51

Tgt Ion: 136 Resp: 434288

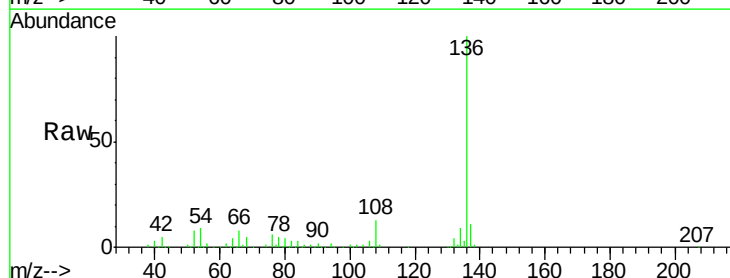
Ion Ratio Lower Upper

136 100

137 10.8 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) (-)

11.13

300000

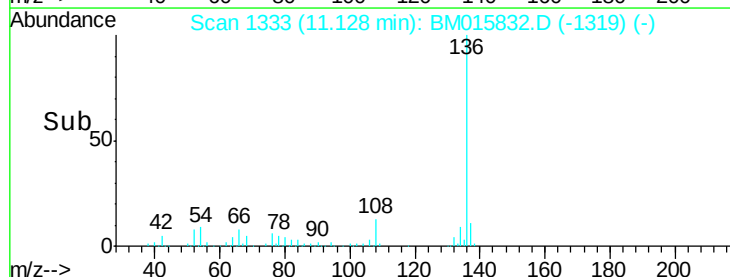
200000

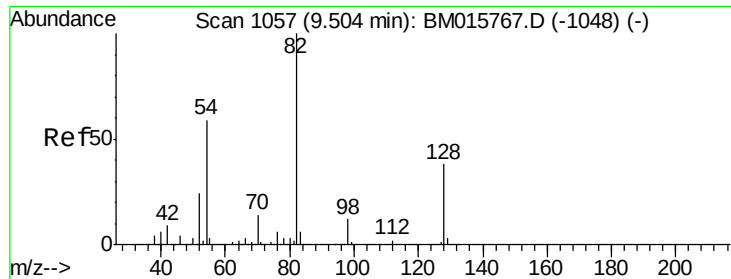
100000

0

11.10 11.20

Time-->

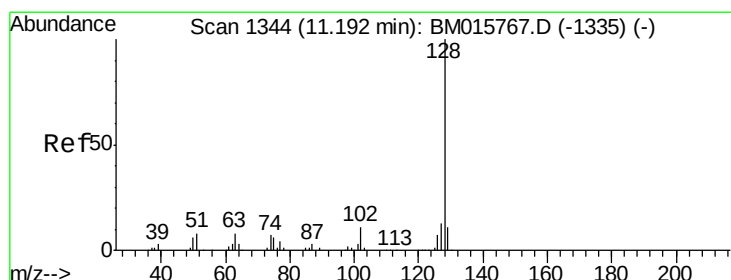
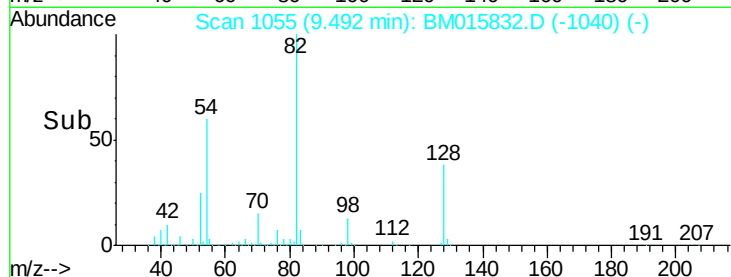
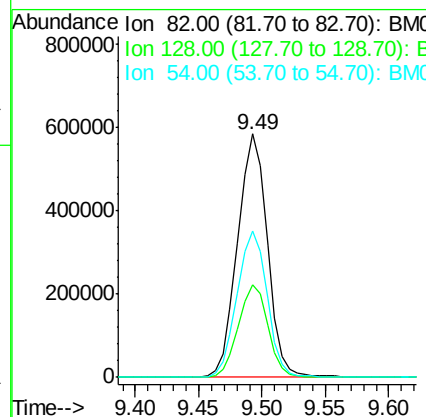
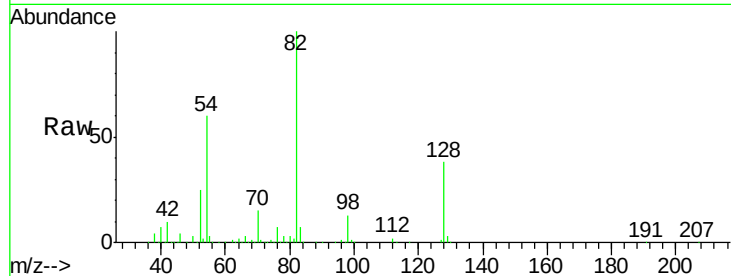




#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015832.D
Acq: 07 Jul 2018 09:51

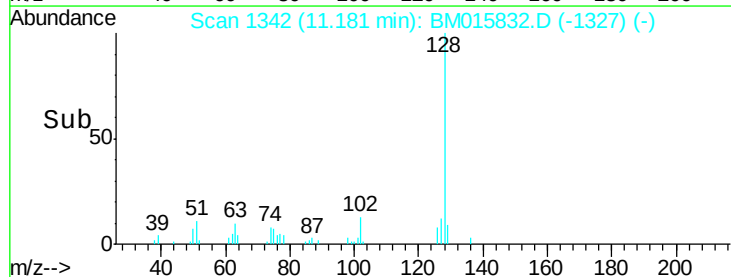
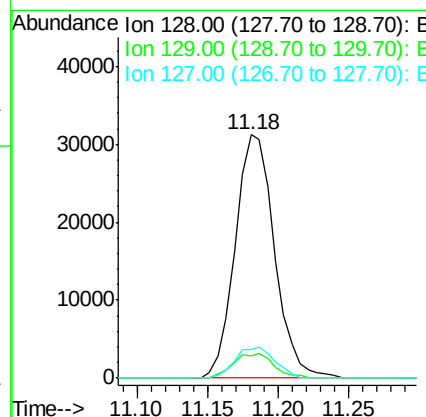
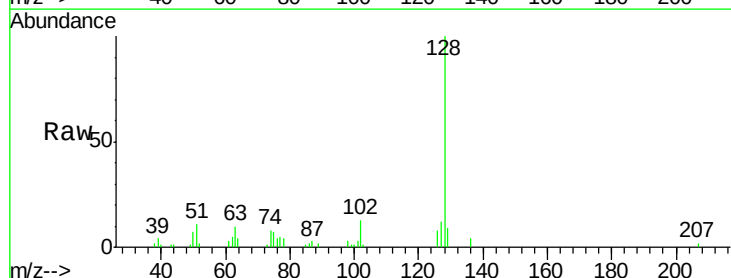
Instrument :
BNA_M
ClientSampleId :
TP-TP-5-S

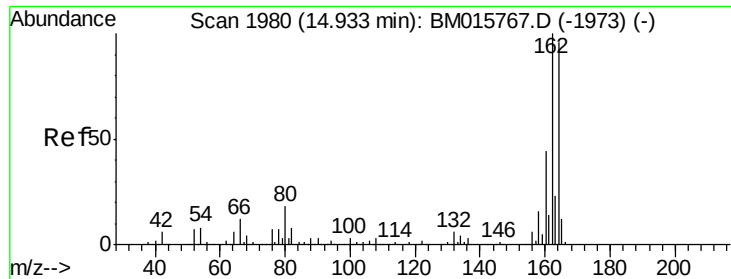
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.8	49.2
54	60.3	40.6	60.8



#31
Naphthalene
Concen: 2.693 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015832.D
Acq: 07 Jul 2018 09:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.9	13.3
127	11.5	10.4	15.6

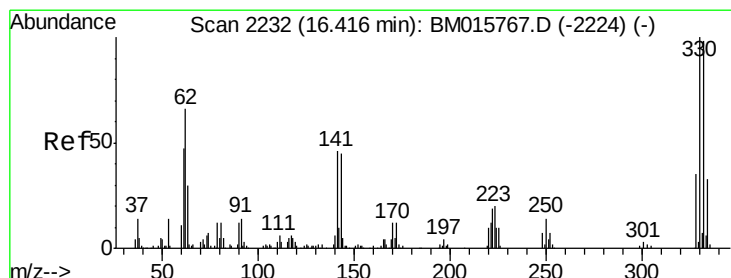
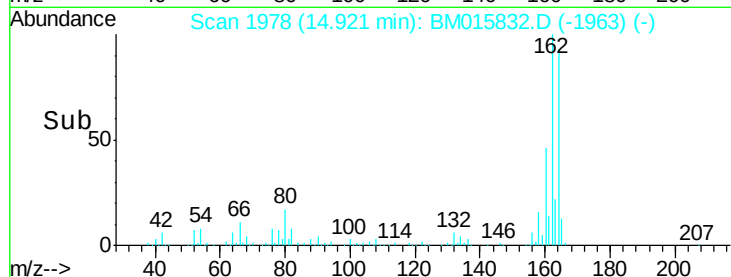
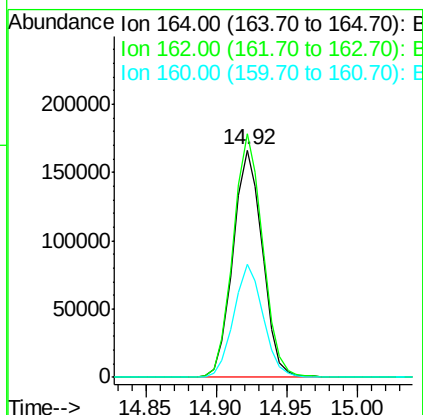
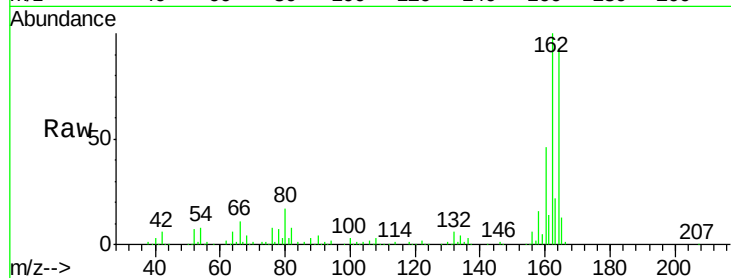




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015832.D
 Acq: 07 Jul 2018 09:51

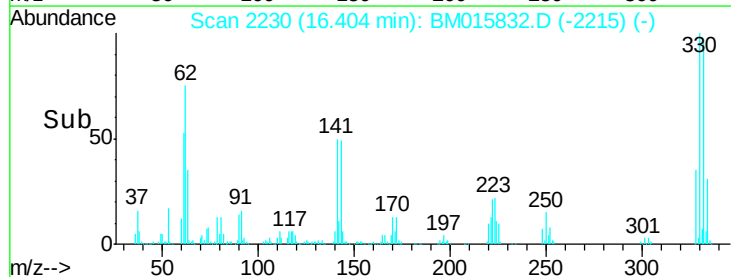
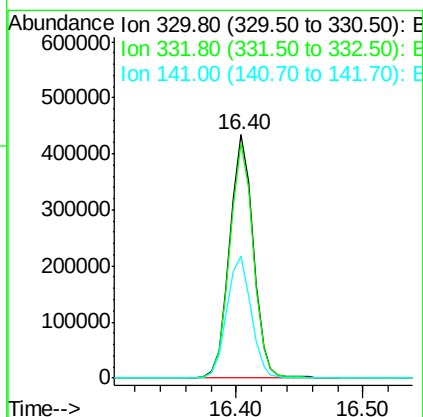
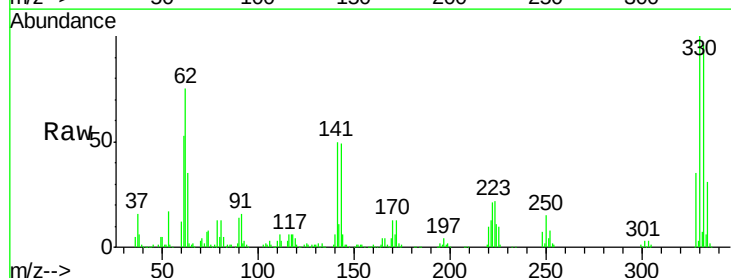
Instrument :
 BNA_M
 ClientSampleId :
 TP-TP-5-S

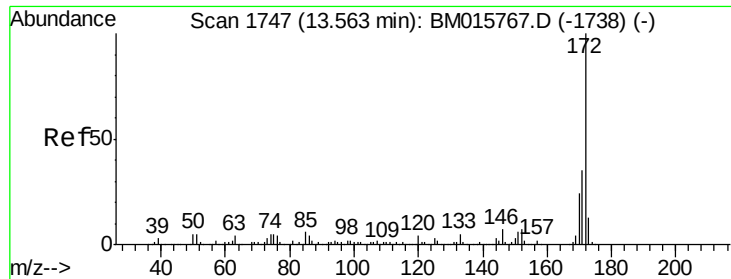
Tgt Ion:164 Resp: 242495
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.4 123.6
 160 49.5 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015832.D
 Acq: 07 Jul 2018 09:51

Tgt Ion:330 Resp: 559238
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 52.1 0.0 0.0#

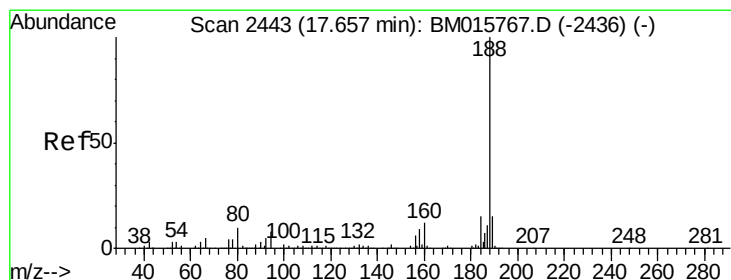
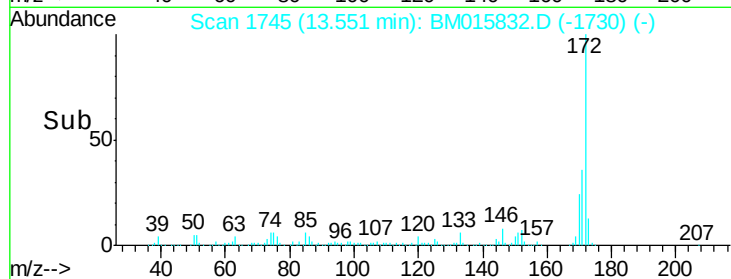
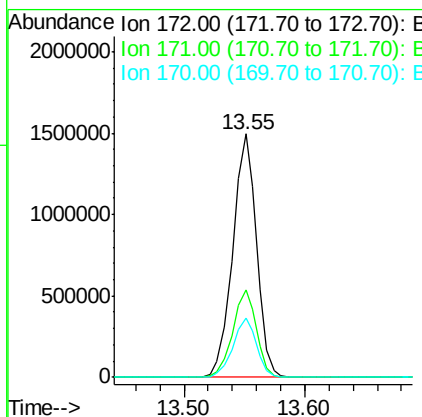
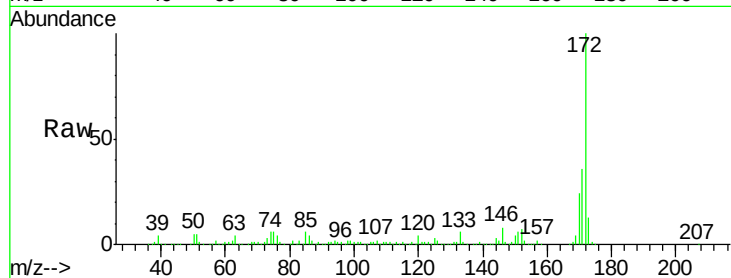




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM015832.D
Acq: 07 Jul 2018 09:51

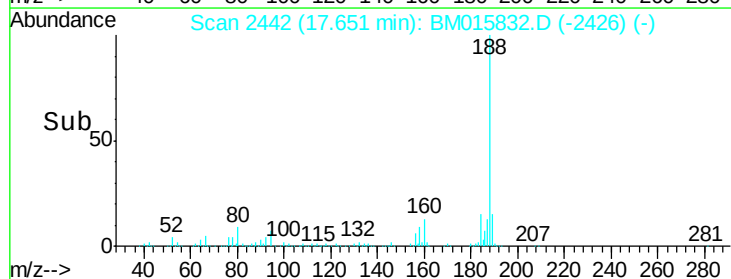
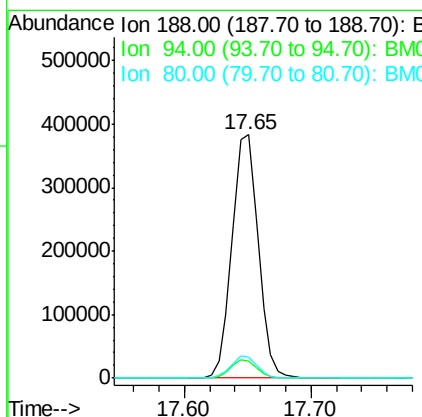
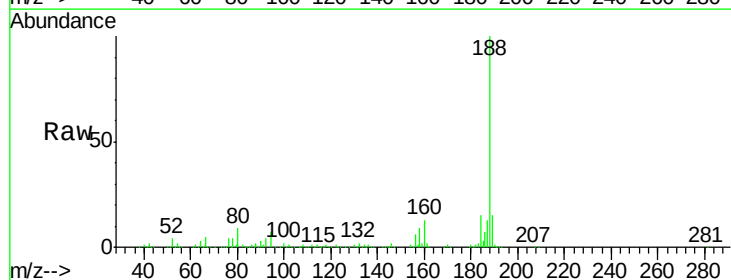
Instrument :
BNA_M
ClientSampleId :
TP-TP-5-S

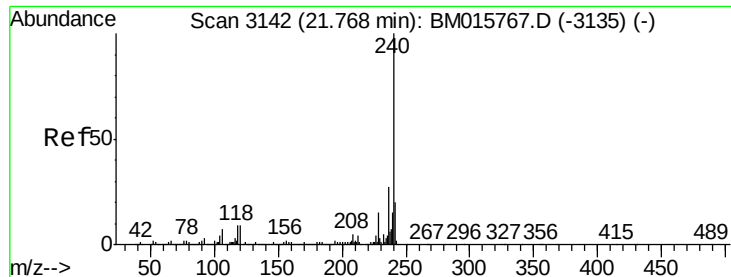
Tgt Ion:172 Resp: 2051470
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015832.D
Acq: 07 Jul 2018 09:51

Tgt Ion:188 Resp: 548330
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.7 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015832.D

Acq: 07 Jul 2018 09:51

Instrument :

BNA_M

ClientSampleId :

TP-TP-5-S

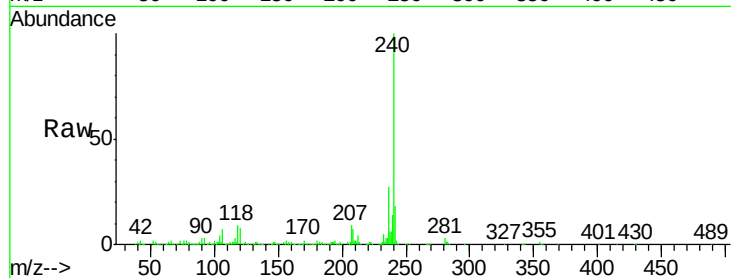
Tgt Ion:240 Resp: 484490

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

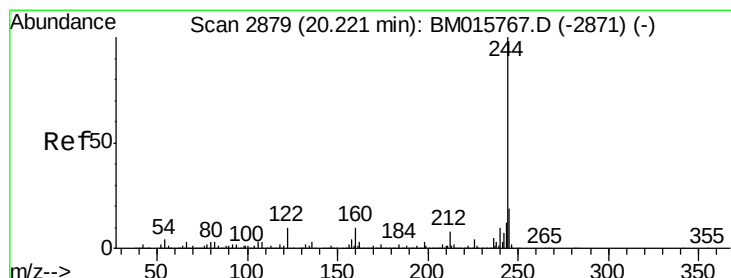
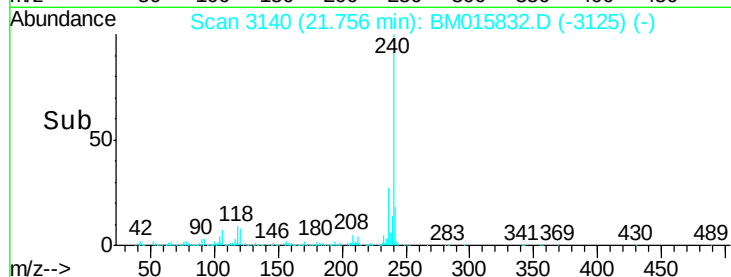
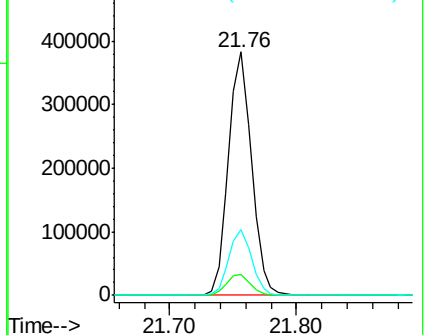
236 27.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015832.D

Acq: 07 Jul 2018 09:51

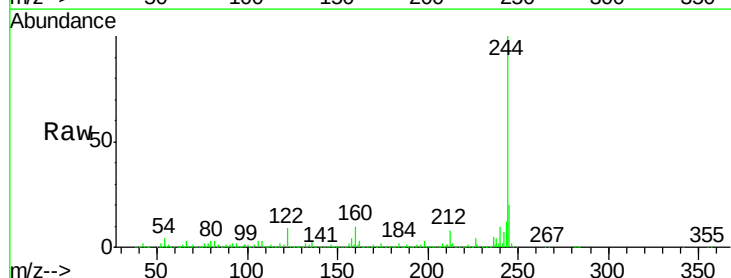
Tgt Ion:244 Resp: 3627342

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

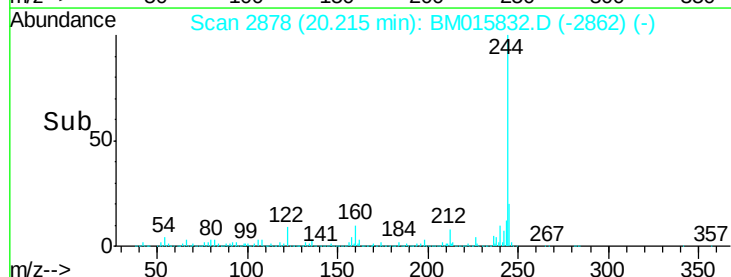
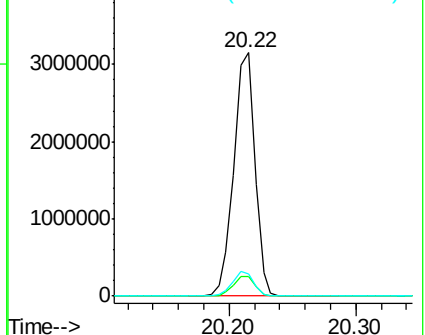
122 9.1 6.2 9.4

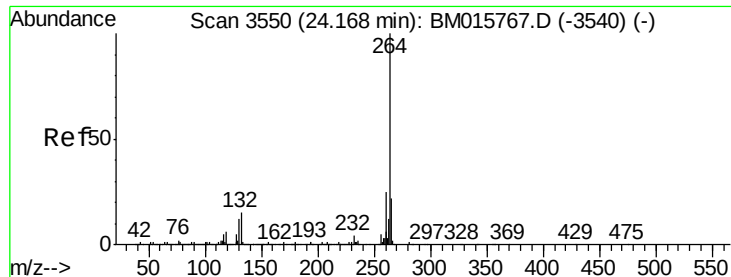


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3548
Delta R.T. -0.01 min
Lab File: BM015832.D
Acq: 07 Jul 2018 09:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.3	17.3	25.9

