

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015825.D
 Acq On : 07 Jul 2018 05:30
 Operator : SJ/JU
 Sample : PB110836TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110836TB

Quant Time: Jul 07 06:29:53 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	111986	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	444664	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	249523	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	554974	20.00	ng	0.00
75) Chrysene-d12	21.76	240	482322	20.00	ng	-0.01
86) Perylene-d12	24.16	264	406483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	1130848	173.18	ng	0.00
7) Phenol-d6	7.46	99	1439692	161.05	ng	0.00
23) Nitrobenzene-d5	9.49	82	941554	103.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	542506	166.40	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	2057064	102.35	ng	-0.01
78) Terphenyl-d14	20.22	244	3350184	128.84	ng	0.00

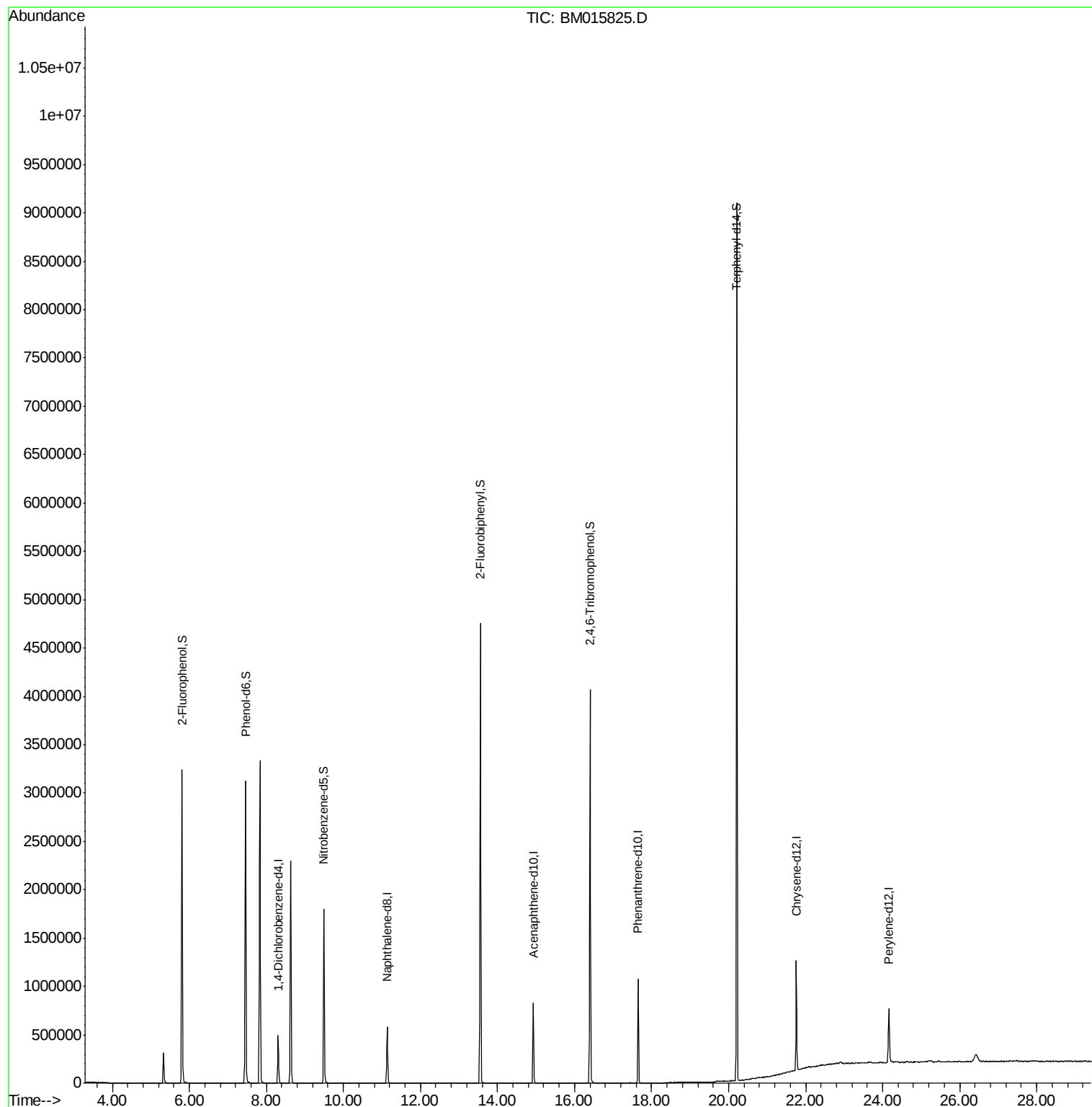
Target Compounds Qvalue

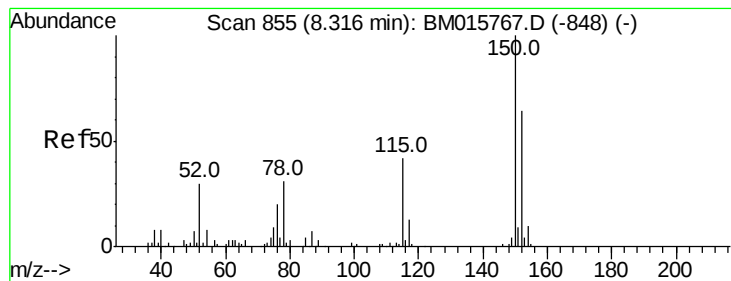
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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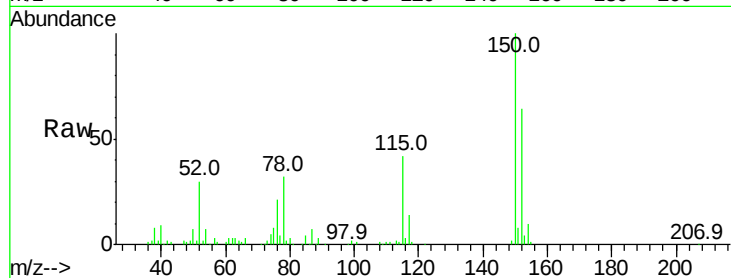


#1

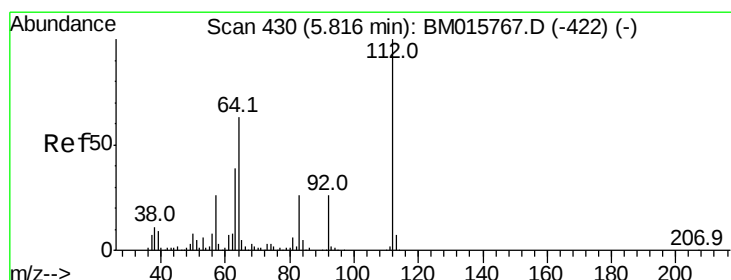
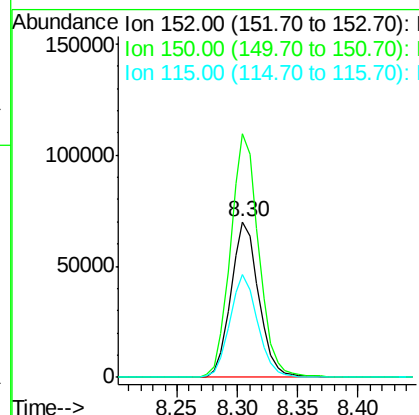
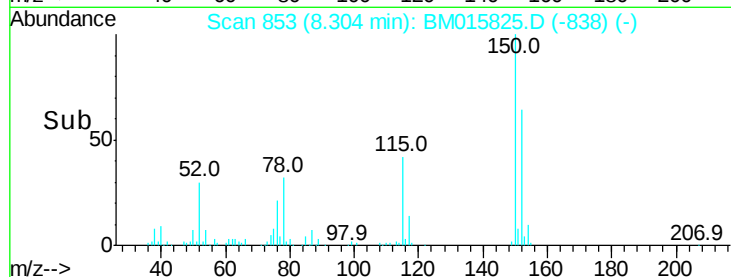
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

Instrument :
BNA_M
ClientSampleId :
PB110836TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	66.0	43.0	64.4#



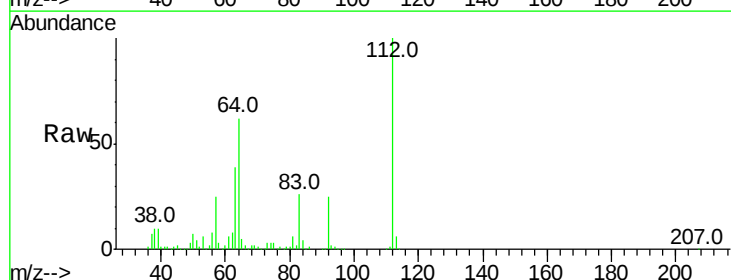
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



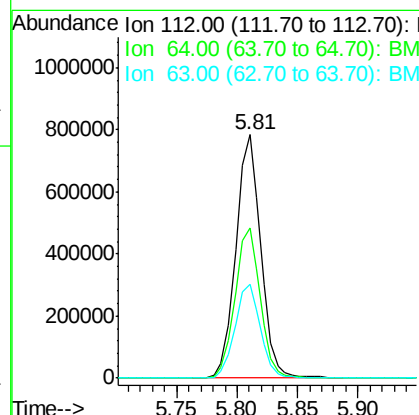
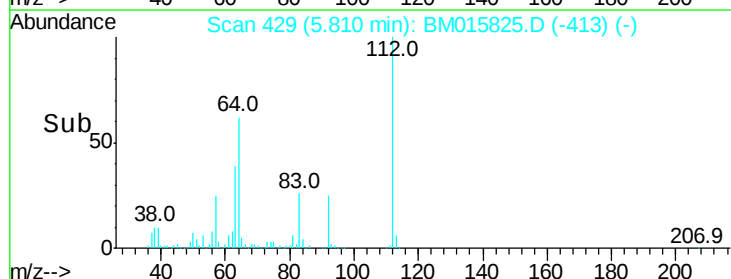
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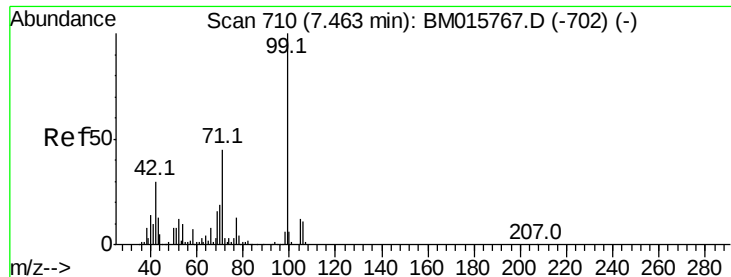
2-Fluorophenol
Concen: N.D. ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	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: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015825.D

Acq: 07 Jul 2018 05:30

Instrument :

BNA_M

ClientSampleId :

PB110836TB

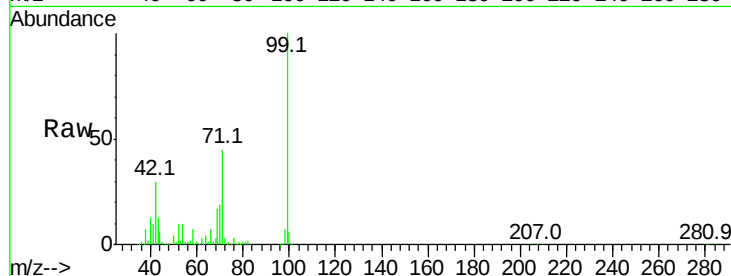
Tot Ion: 99 Resp: 1439692

Ion Ratio Lower Upper

99 100

42 29.8 11.0 16.4#

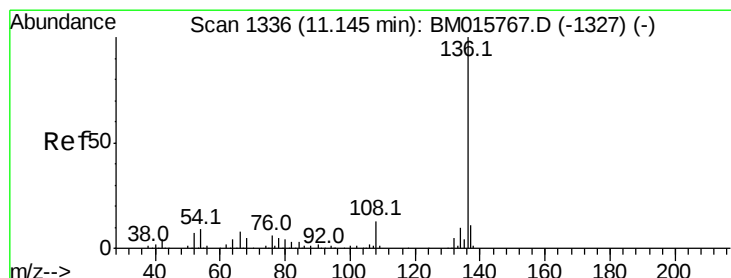
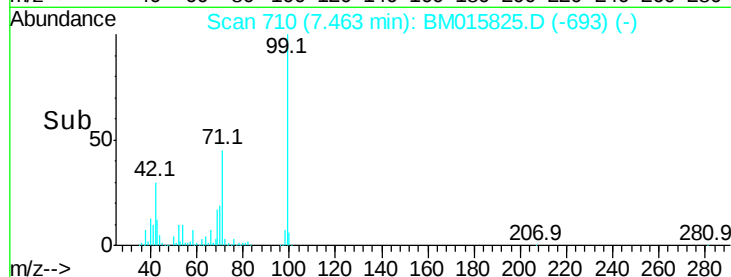
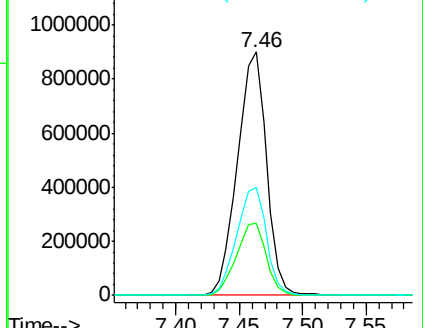
71 44.6 23.4 35.2#



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: 11.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM015825.D

Acq: 07 Jul 2018 05:30

Tgt Ion: 136 Resp: 444664

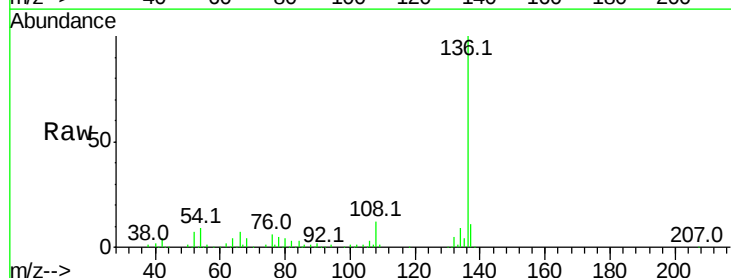
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 4.6 6.8#

68 4.5 3.7 5.5

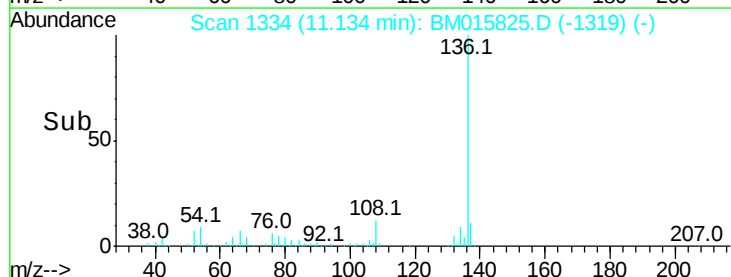
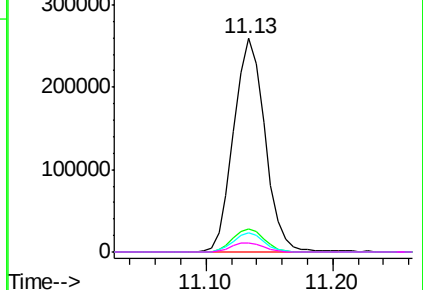


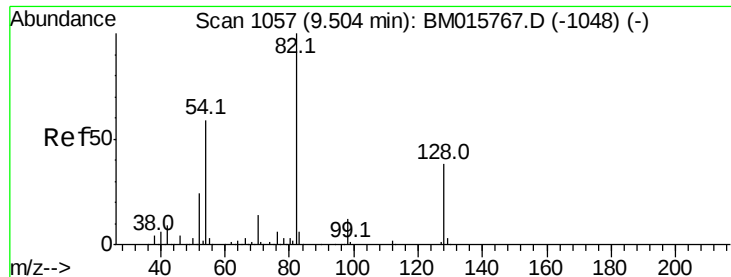
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

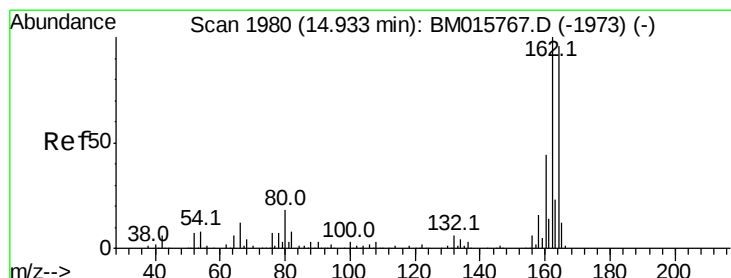
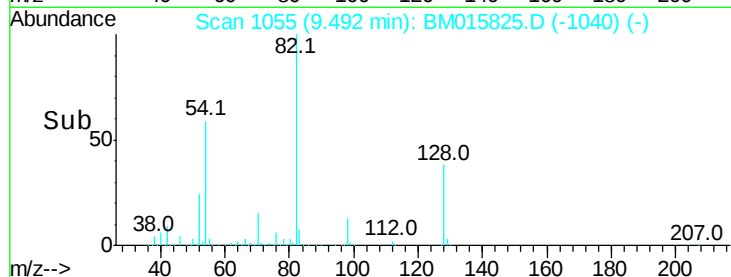
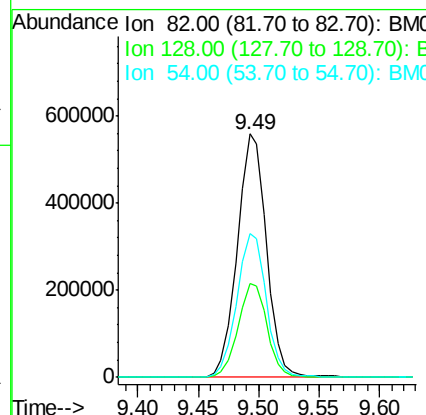
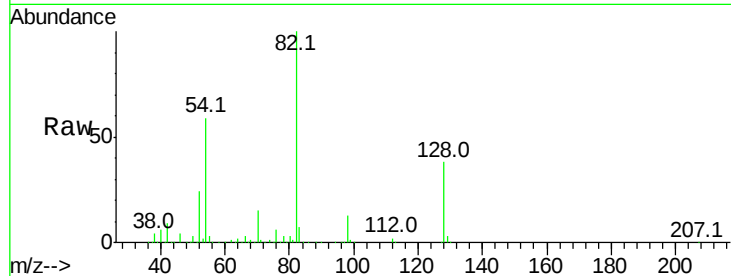




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

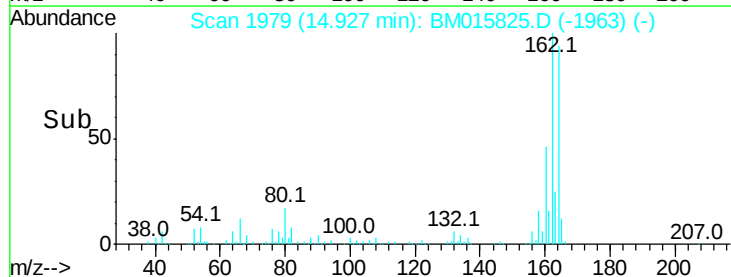
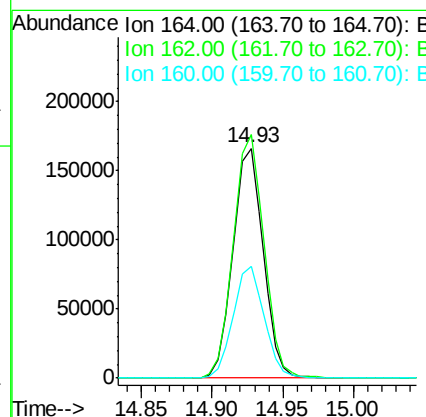
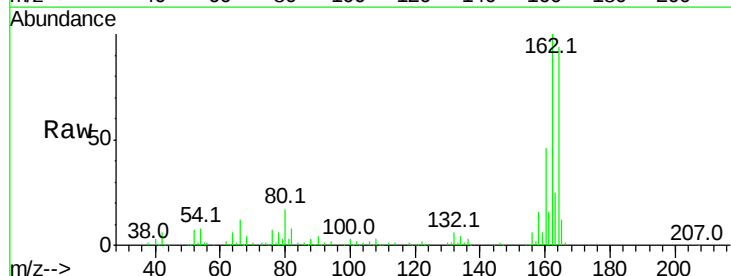
Instrument :
BNA_M
ClientSampleId :
PB110836TB

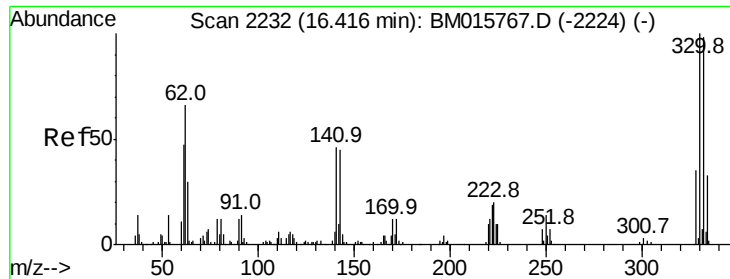
Tot Ion: 82 Resp: 941554
Ion Ratio Lower Upper
82 100
128 38.3 32.8 49.2
54 59.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

Tgt Ion: 164 Resp: 249523
Ion Ratio Lower Upper
164 100
162 106.1 82.4 123.6
160 48.8 35.8 53.6

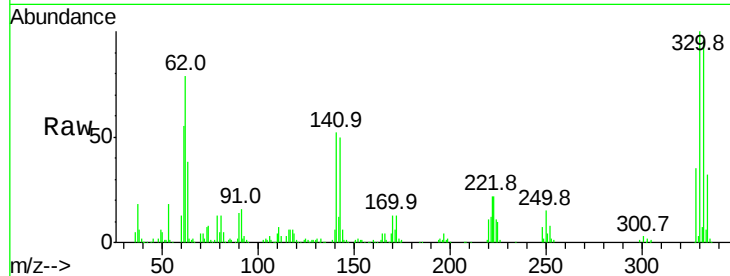




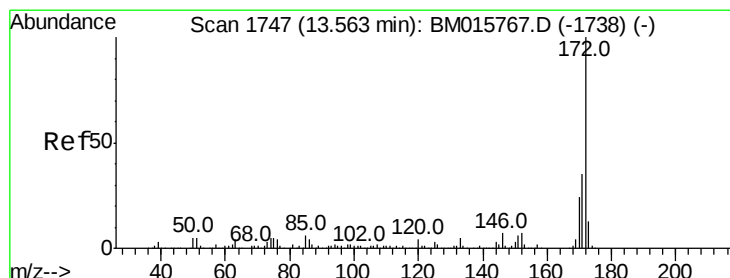
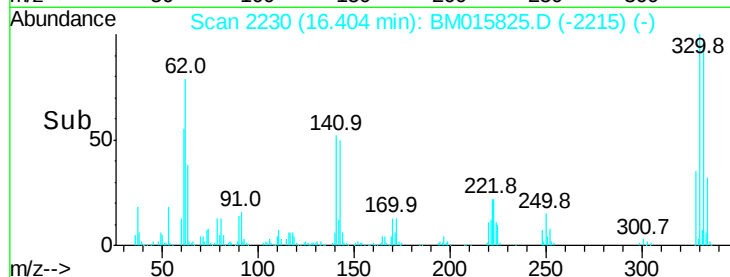
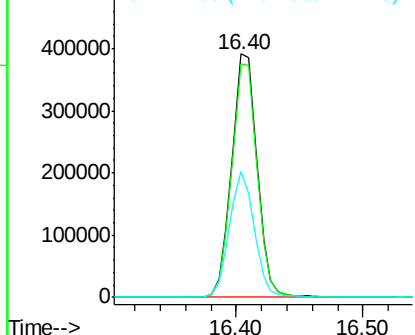
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015825.D
 Acq: 07 Jul 2018 05:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110836TB

Tot Ion:330 Resp: 542506
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 50.7 0.0 0.0#

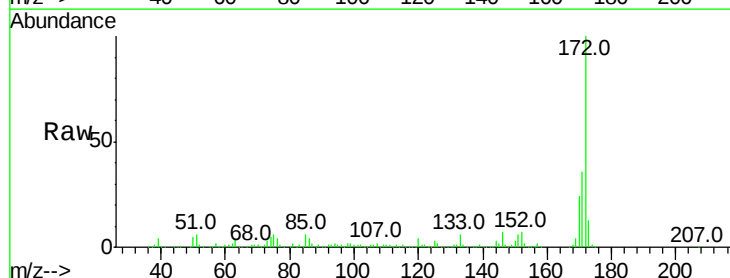


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

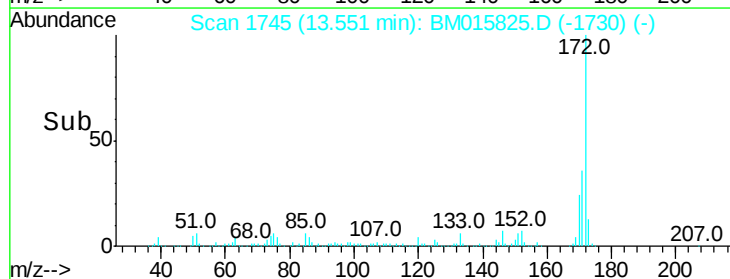
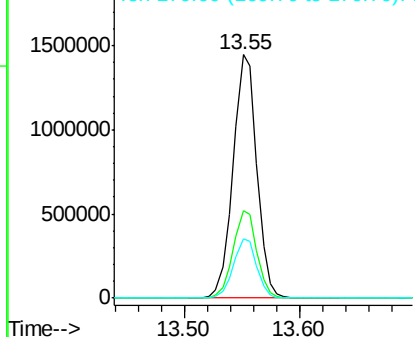


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015825.D
 Acq: 07 Jul 2018 05:30

Tgt Ion:172 Resp: 2057064
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.1 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

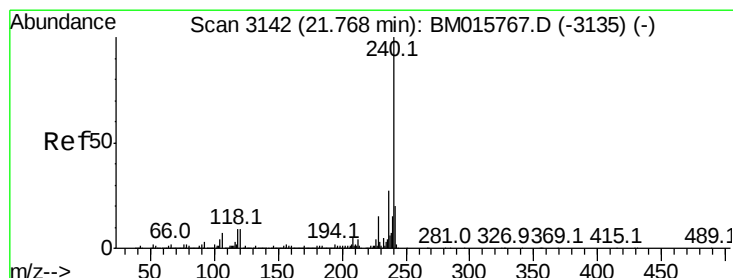
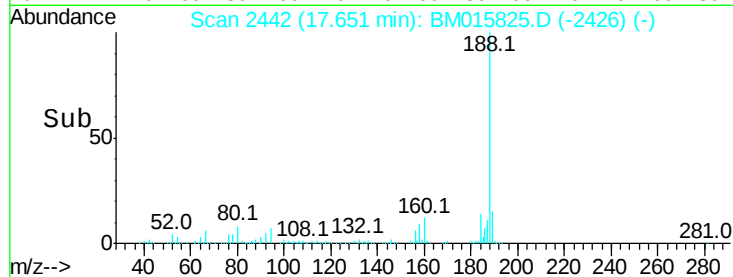
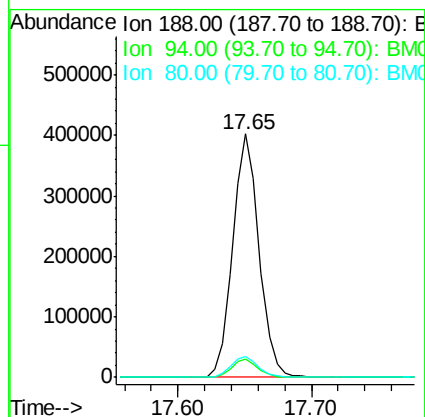
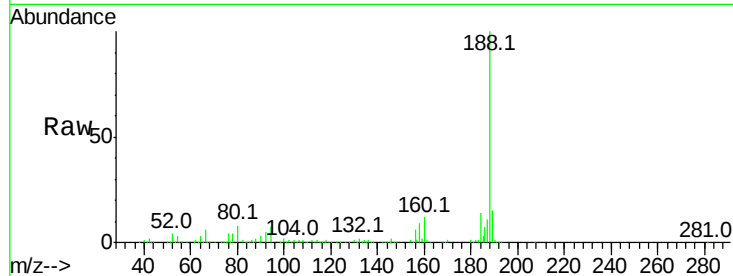




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

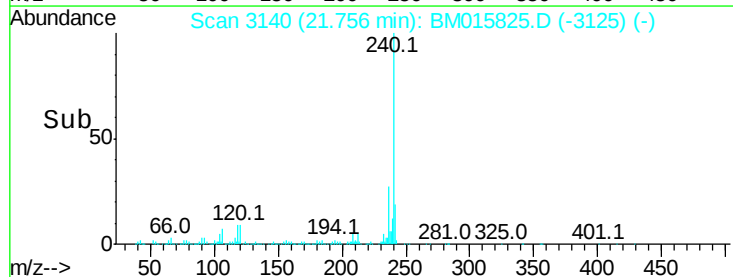
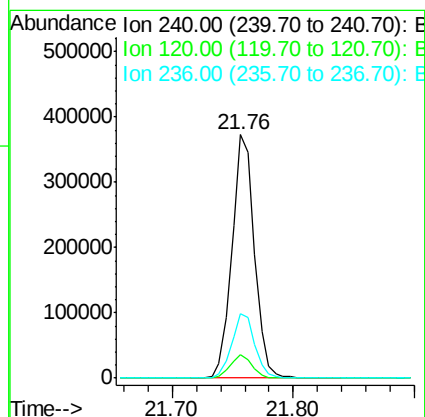
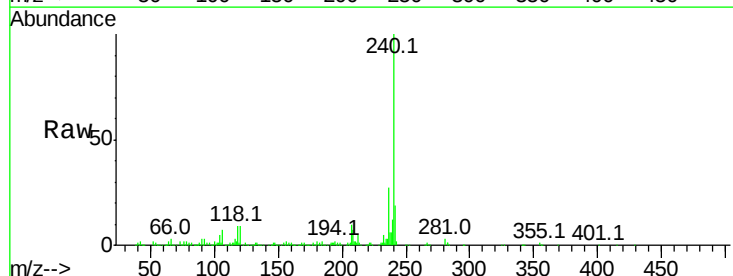
Instrument :
BNA_M
ClientSampleId :
PB110836TB

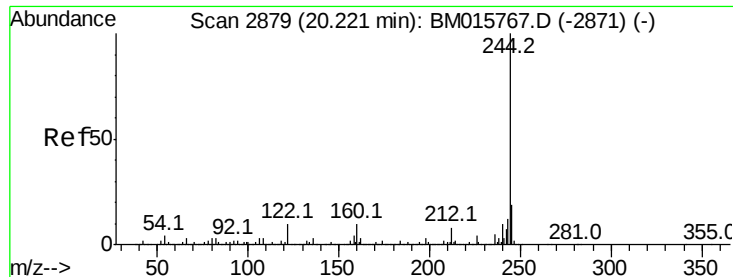
Tot Ion:188 Resp: 554974
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015825.D
Acq: 07 Jul 2018 05:30

Tgt Ion:240 Resp: 482322
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 26.6 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: BM015825.D

Acq: 07 Jul 2018 05:30

Instrument :

BNA_M

ClientSampleId :

PB110836TB

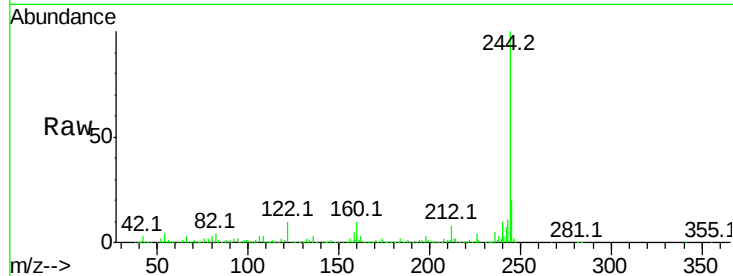
Tot Ion:244 Resp: 3350184

Ion Ratio Lower Upper

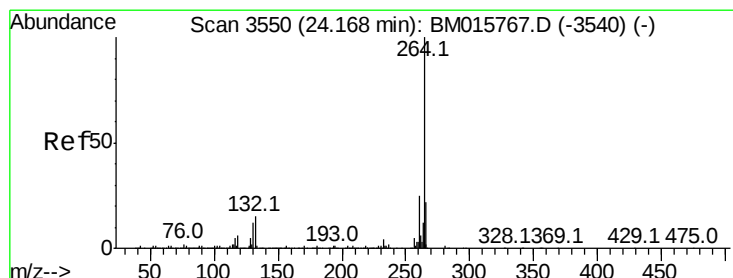
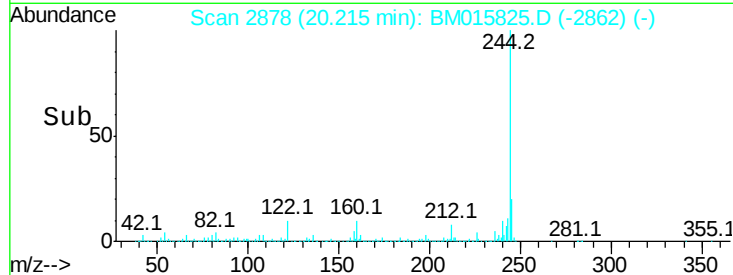
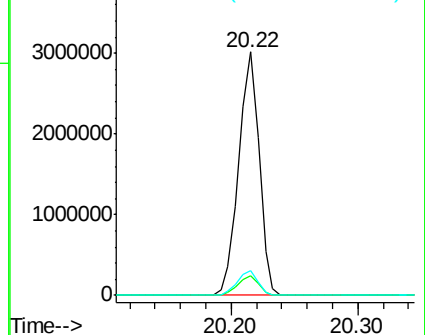
244 100

212 8.3 4.9 7.3#

122 9.9 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: BM015825.D

Acq: 07 Jul 2018 05:30

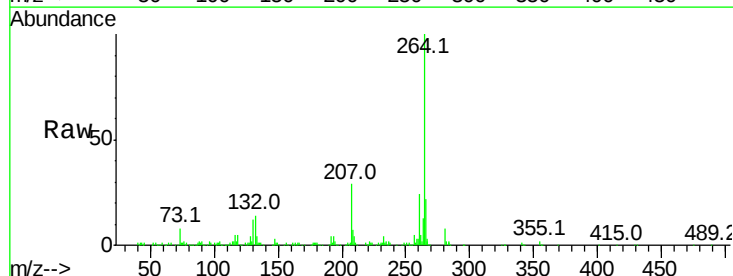
Tgt Ion:264 Resp: 406483

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.1 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

