

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016350.D
 Acq On : 14 Aug 2018 12:23
 Operator : SJ/JU
 Sample : J4447-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-8

Quant Time: Aug 15 11:29:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

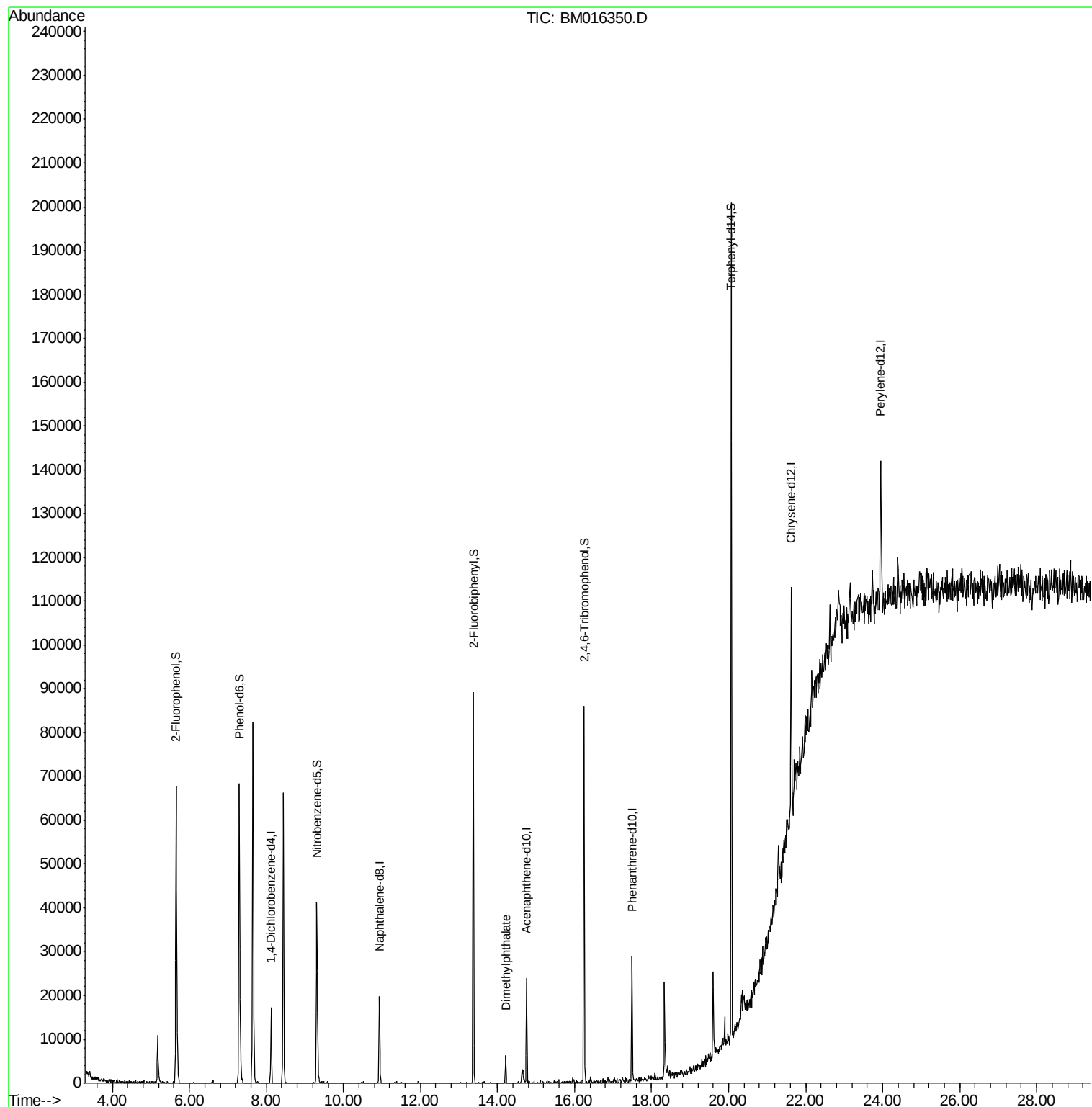
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	3822	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	15426	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	7638	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	16405	20.00	ng	0.00
75) Chrysene-d12	21.62	240	19997	20.00	ng	0.00
86) Perylene-d12	23.96	264	21875	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	29039	126.21	ng	0.00
7) Phenol-d6	7.29	99	32011	106.53	ng	0.00
23) Nitrobenzene-d5	9.31	82	24260	73.15	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	8872	91.58	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	37409	59.59	ng	0.00
78) Terphenyl-d14	20.07	244	59575	62.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	4467	6.683	ng	Qvalue # 77

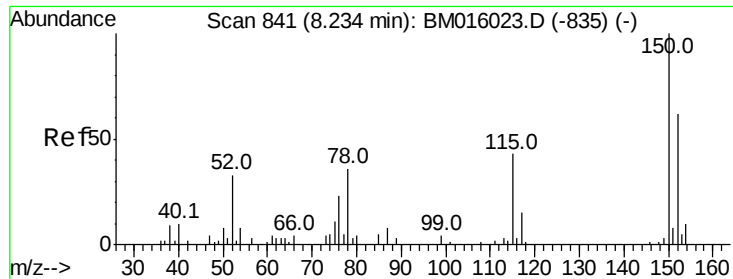
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016350.D
Acq On : 14 Aug 2018 12:23
Operator : SJ/JU
Sample : J4447-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1-8

Quant Time: Aug 15 11:29:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration



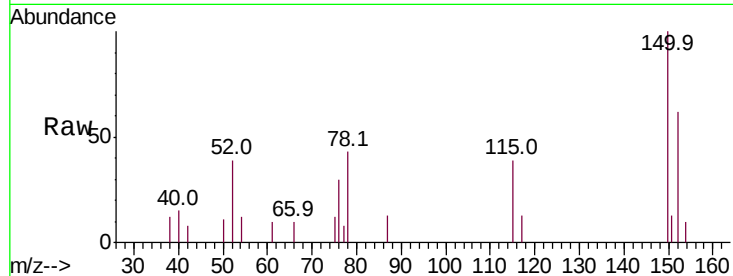


#1

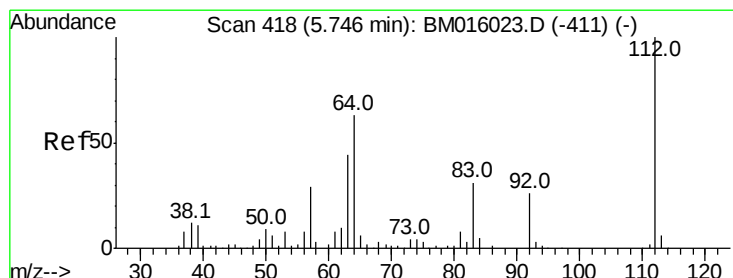
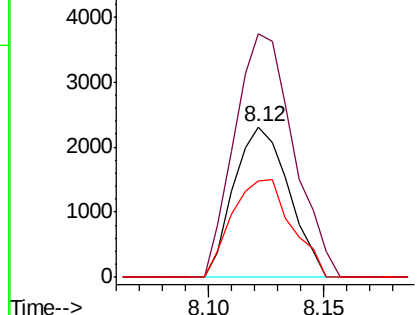
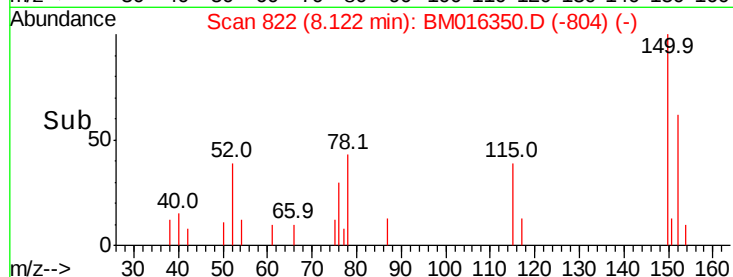
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

Instrument :
 BNA_M
 ClientSampleID :
 SP-1-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	119.5	179.3
115	63.7	43.0	64.4



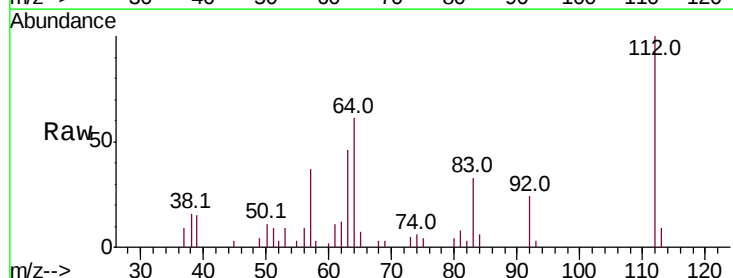
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



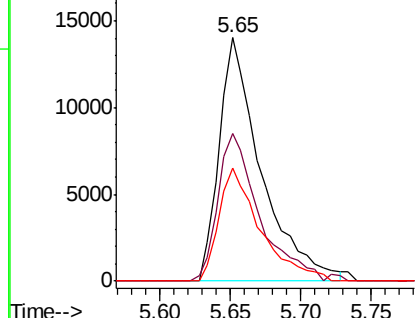
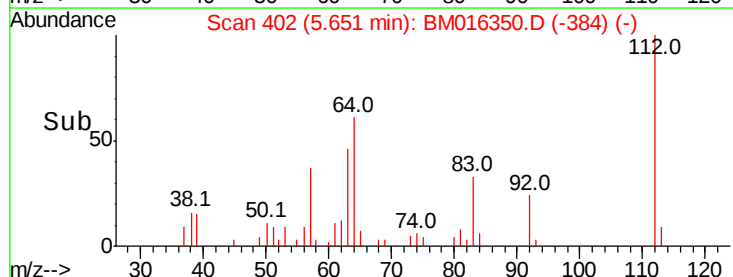
#5

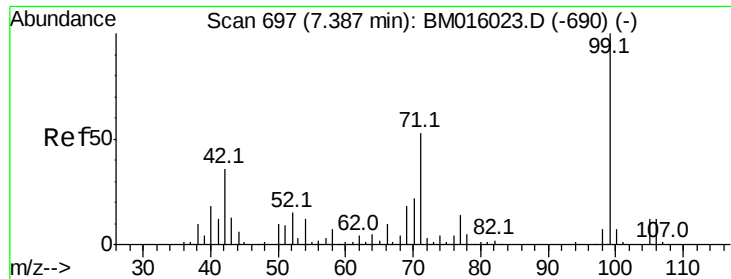
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	38.6	57.8#
63	46.3	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: 7.29 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

Instrument :

BNA_M

ClientSampleId :

SP-1-8

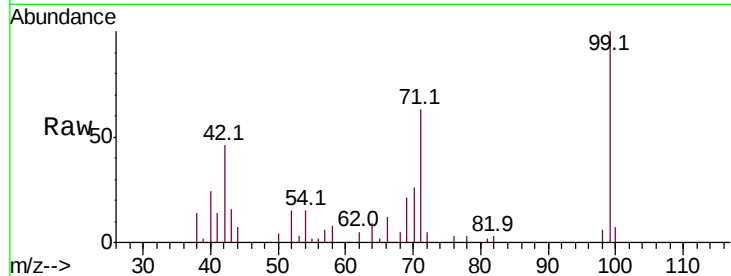
Tot Ion: 99 Resp: 32011

Ion Ratio Lower Upper

99 100

42 45.6 11.0 16.4#

71 63.0 23.4 35.2#

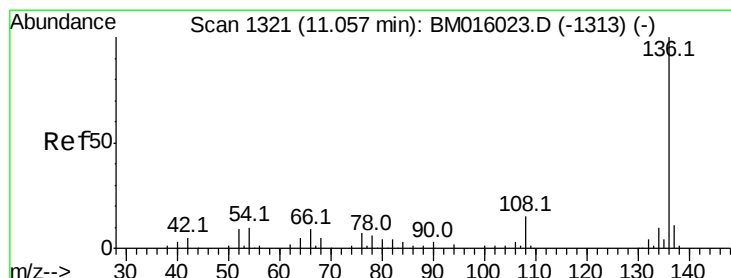
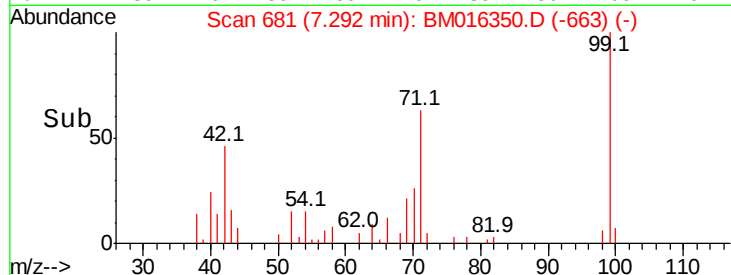
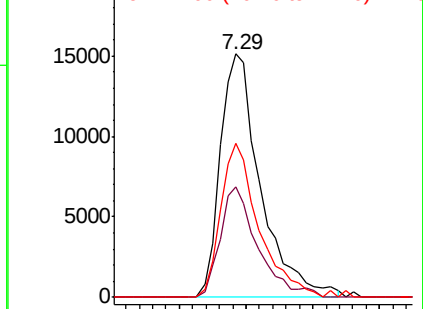


Abundance

Ion 99.00 (98.70 to 99.70): BM016350.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016350.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016350.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

Tgt Ion: 136 Resp: 15426

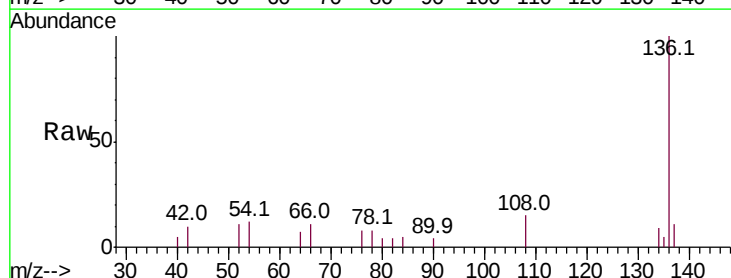
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.9 4.6 6.8#

68 0.0 3.7 5.5#



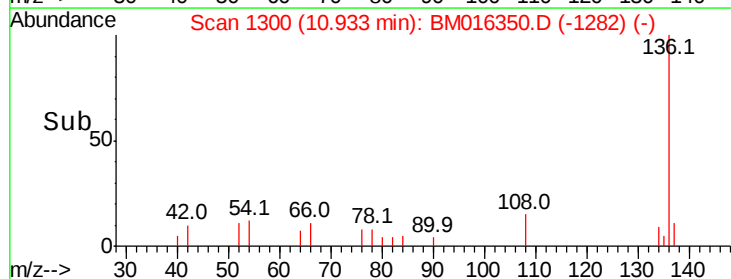
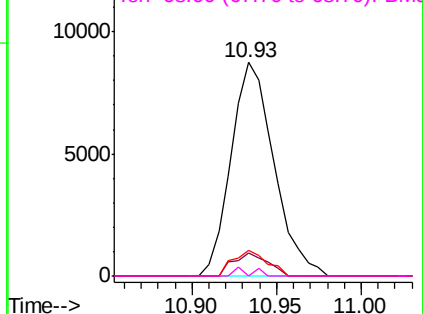
Abundance

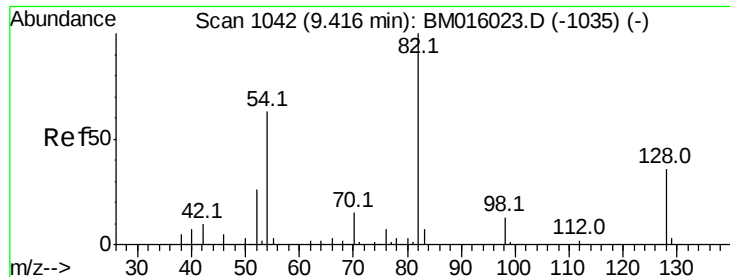
Ion 136.00 (135.70 to 136.70): BM016350.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016350.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016350.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016350.D (-1282) (-)

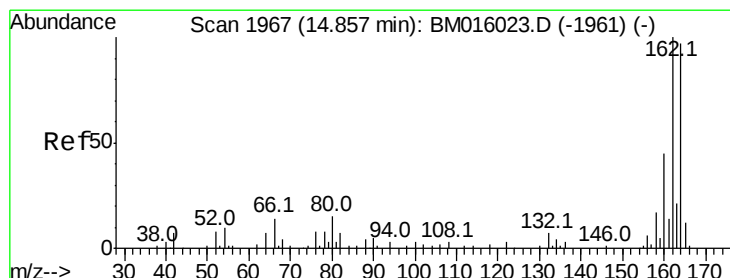
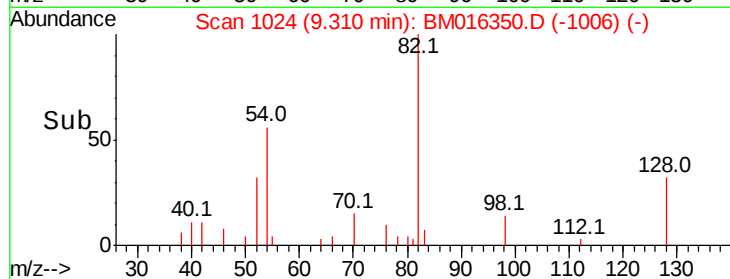
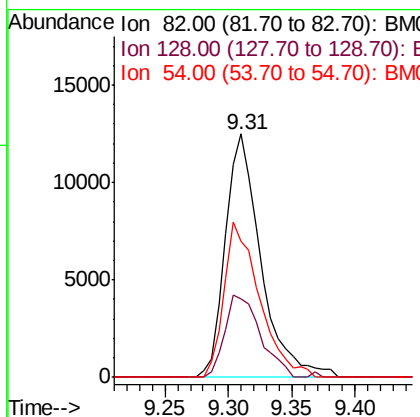
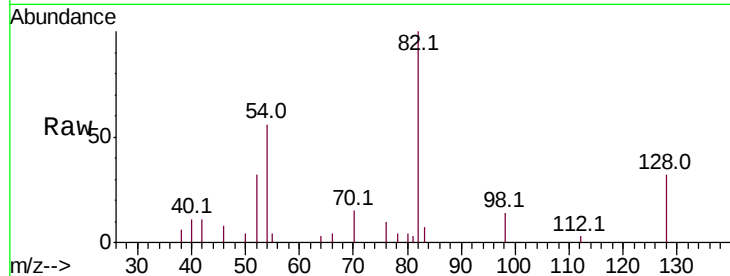




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

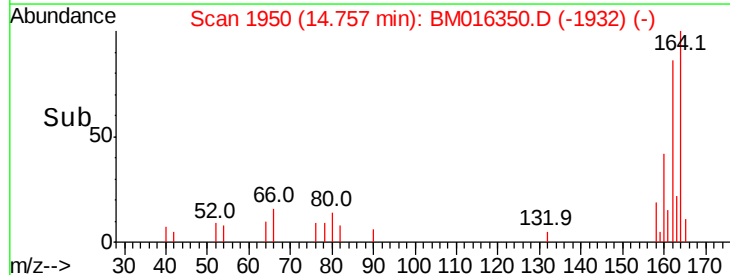
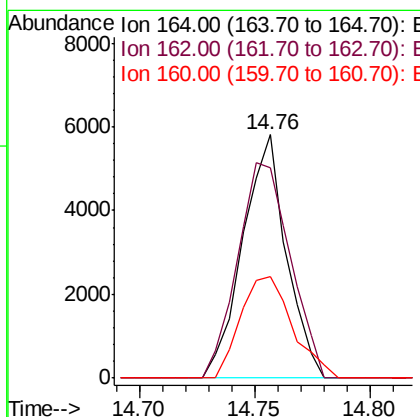
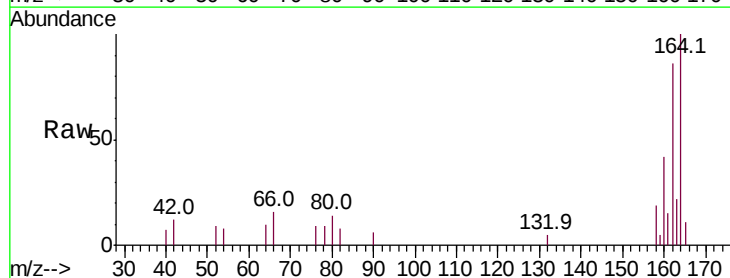
Instrument :
 BNA_M
 ClientSampleId :
 SP-1-8

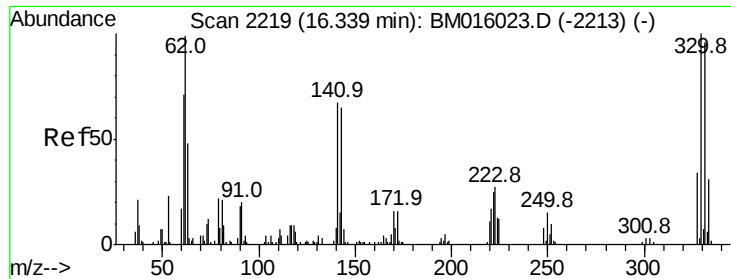
Tot Ion: 82 Resp: 24260
 Ion Ratio Lower Upper
 82 100
 128 32.1 32.8 49.2#
 54 55.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. 0.01 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

Tgt Ion: 164 Resp: 7638
 Ion Ratio Lower Upper
 164 100
 162 86.4 82.4 123.6
 160 41.8 35.8 53.6

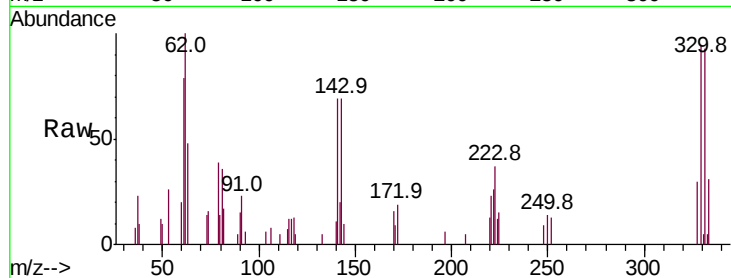




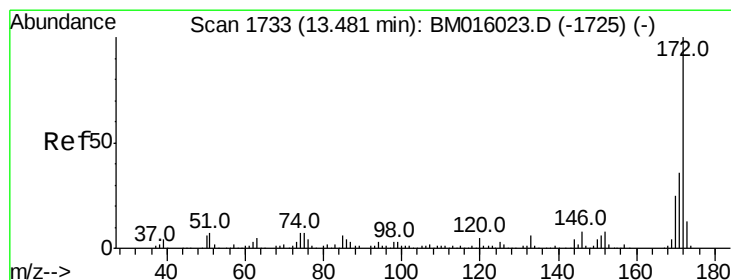
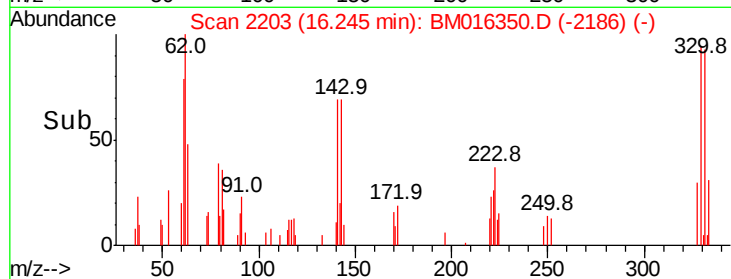
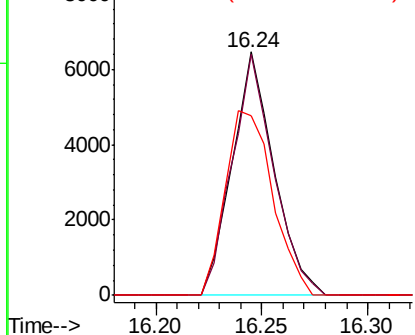
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

Instrument :
 BNA_M
 ClientSampled :
 SP-1-8

Tot Ion:330 Resp: 8872
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 85.9 0.0 0.0#

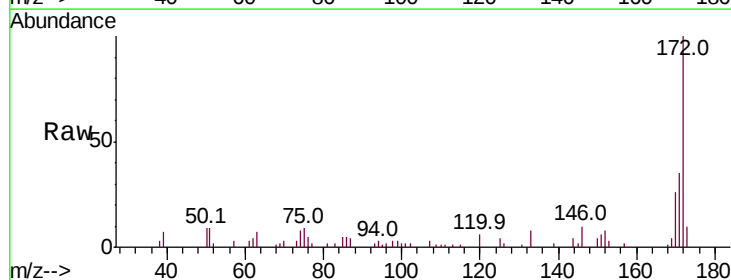


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

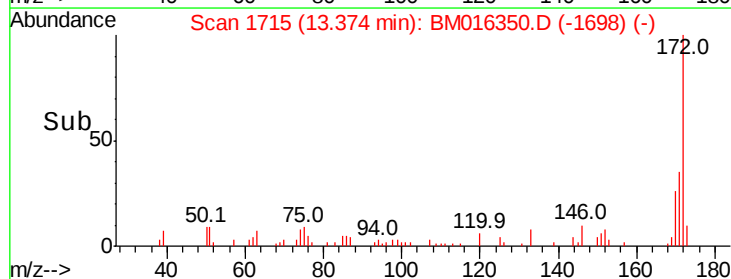
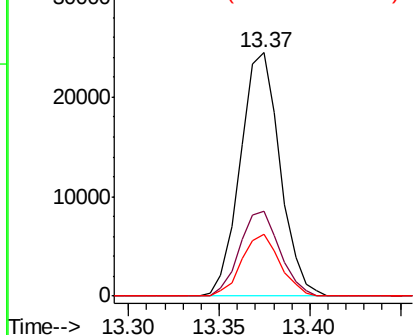


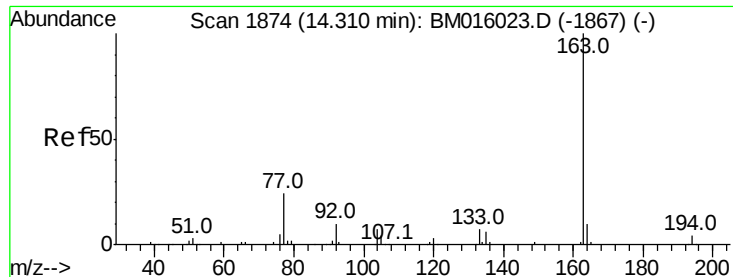
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM016350.D
 Acq: 14 Aug 2018 12:23

Tgt Ion:172 Resp: 37409
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 25.6 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





#49

Dimethylphthalate

Concen: 6.683 ng

RT: 14.21 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

Instrument :

BNA_M

ClientSampleId :

SP-1-8

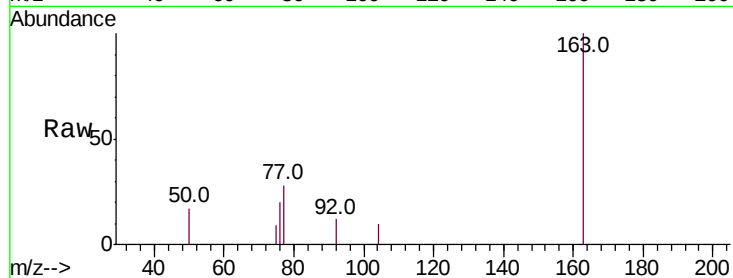
Tot Ion:163 Resp: 4467

Ion Ratio Lower Upper

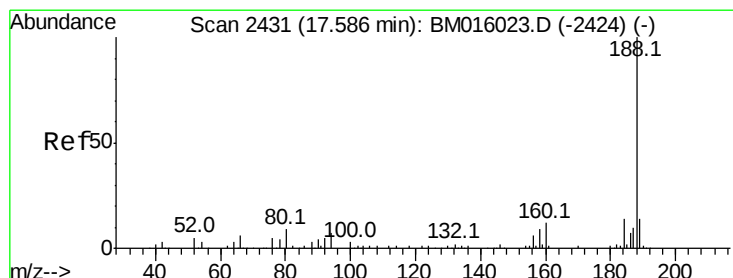
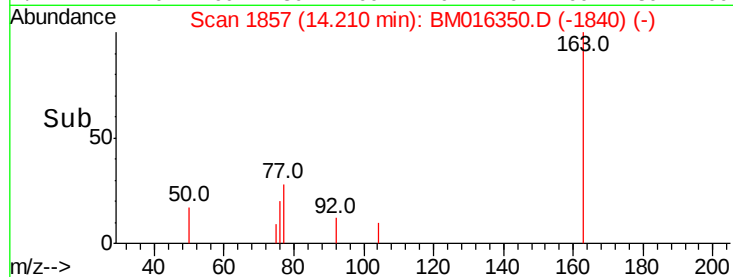
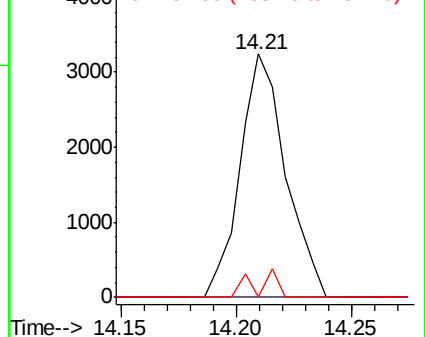
163 100

194 0.0 2.7 4.1#

164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

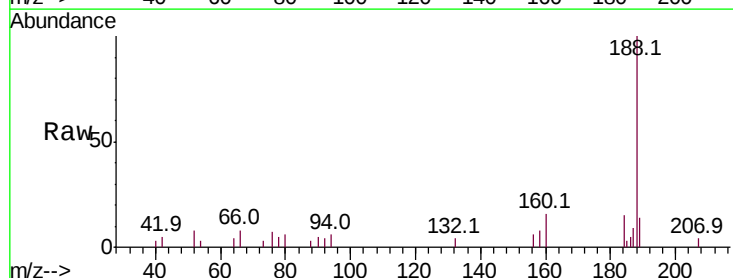
Tgt Ion:188 Resp: 16405

Ion Ratio Lower Upper

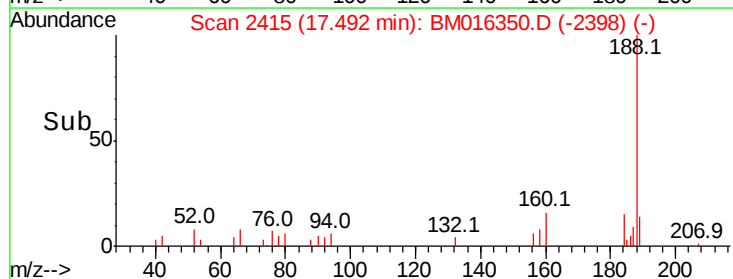
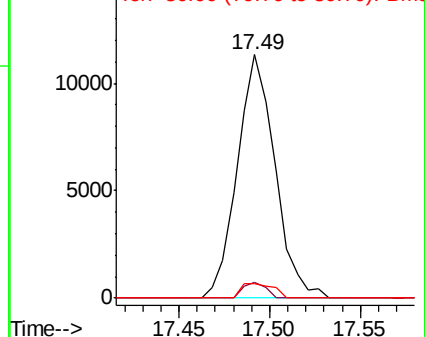
188 100

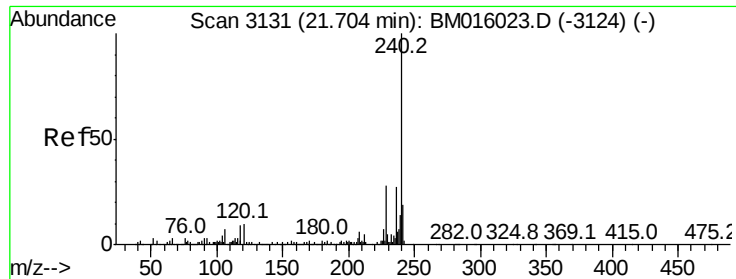
94 6.5 8.7 13.1#

80 5.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

Instrument :

BNA_M

ClientSampleId :

SP-1-8

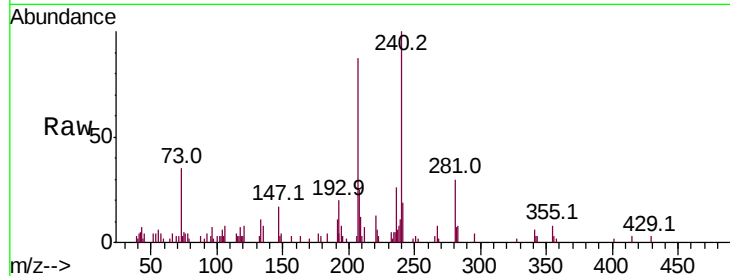
Tot Ion:240 Resp: 19997

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

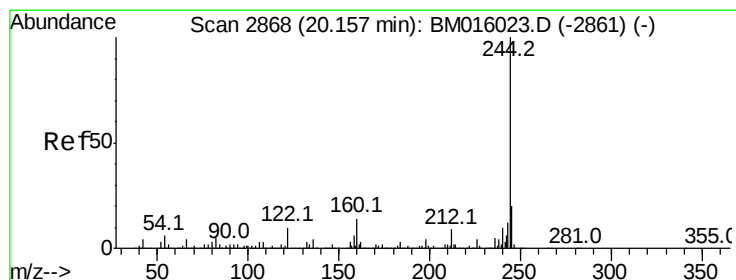
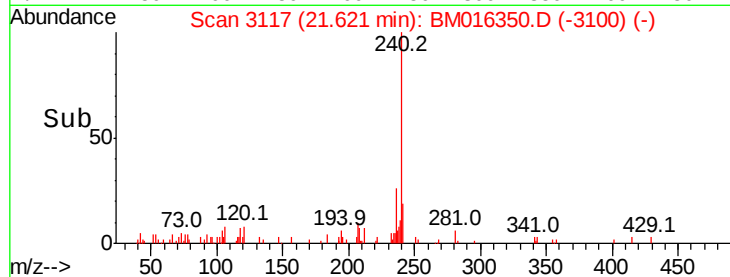
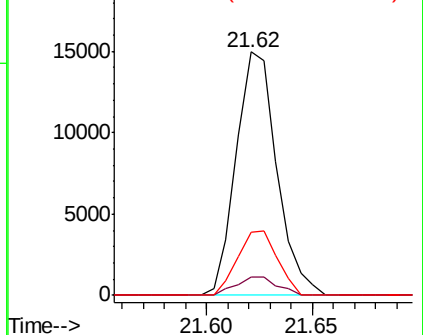
236 26.1 20.0 30.0



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: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016350.D

Acq: 14 Aug 2018 12:23

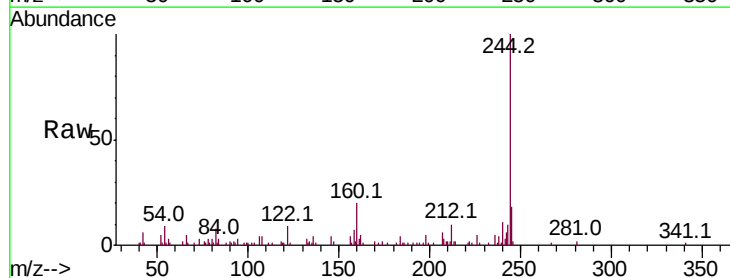
Tgt Ion:244 Resp: 59575

Ion Ratio Lower Upper

244 100

212 10.5 4.9 7.3#

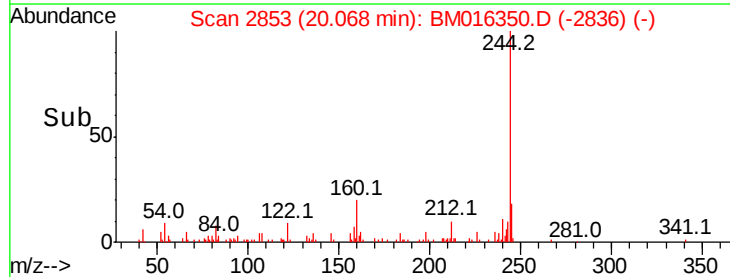
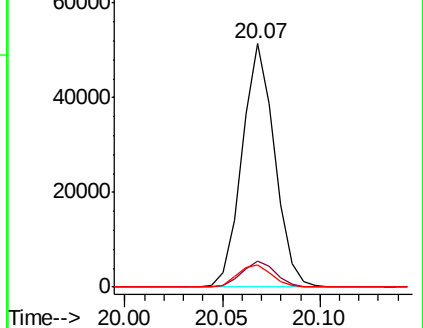
122 9.0 6.2 9.4

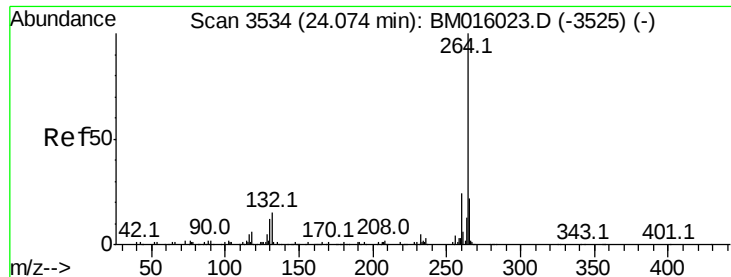


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



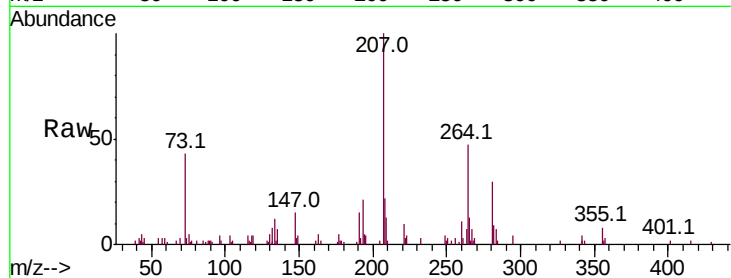


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.96 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BM016350.D
Acq: 14 Aug 2018 12:23

Instrument :
BNA_M
ClientSampleId :
SP-1-8

Tot Ion: 264 Resp: 21875

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	27.2	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

