

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016356.D
 Acq On : 14 Aug 2018 16:01
 Operator : SJ/JU
 Sample : J4442-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-3

Quant Time: Aug 15 11:30:18 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

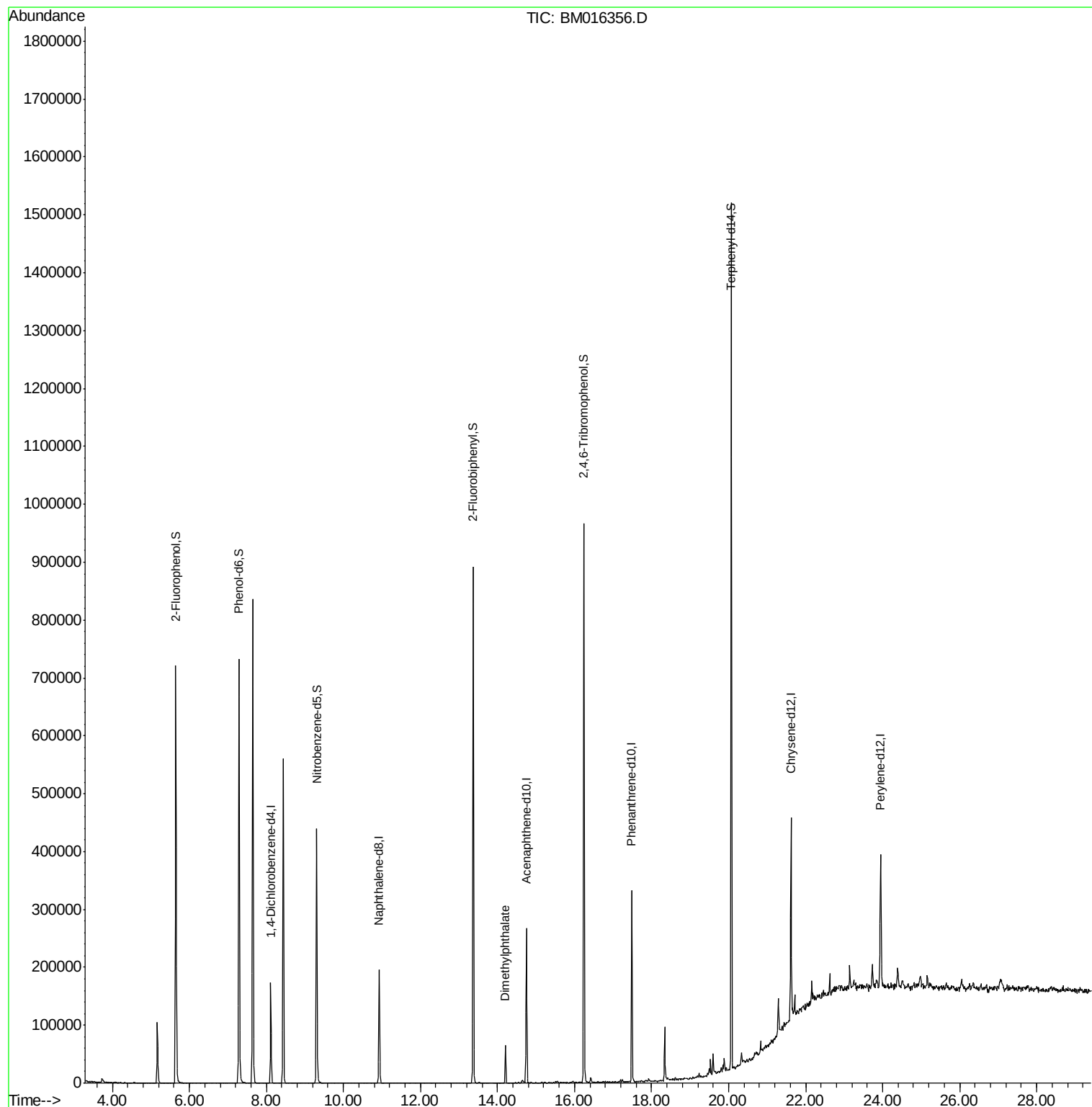
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34631	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	134743	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	71031	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	152950	20.00	ng	0.00
75) Chrysene-d12	21.62	240	124682	20.00	ng	0.00
86) Perylene-d12	23.95	264	138759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	229154	109.92	ng	0.00
7) Phenol-d6	7.29	99	278558	102.31	ng	0.00
23) Nitrobenzene-d5	9.30	82	204762	70.68	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	96067	106.63	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	342078	58.60	ng	0.00
78) Terphenyl-d14	20.07	244	448537	75.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	33649	5.413	ng	99

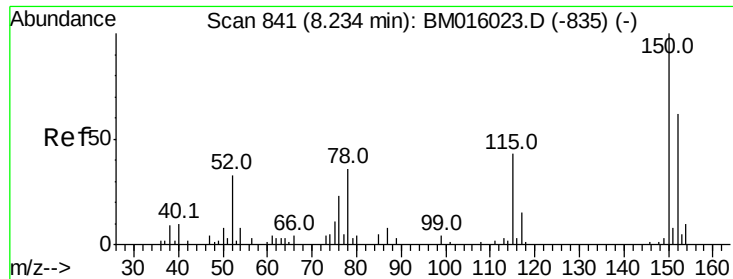
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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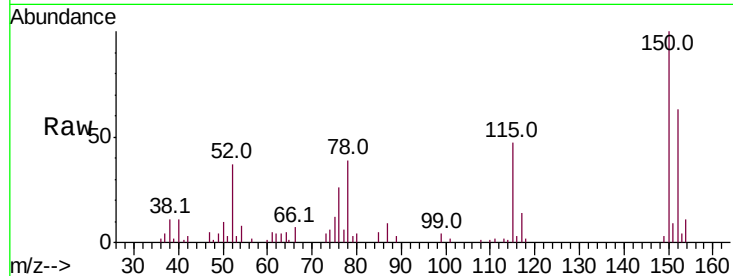


#1

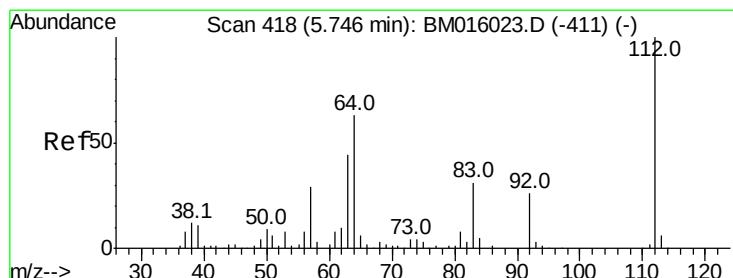
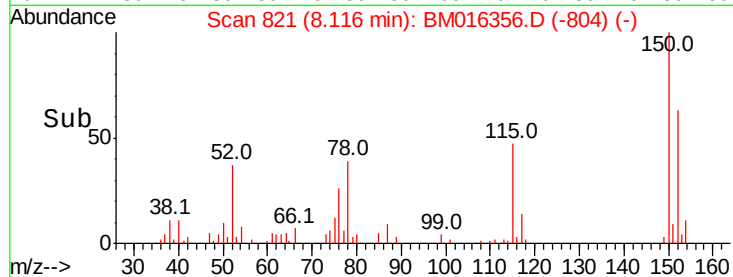
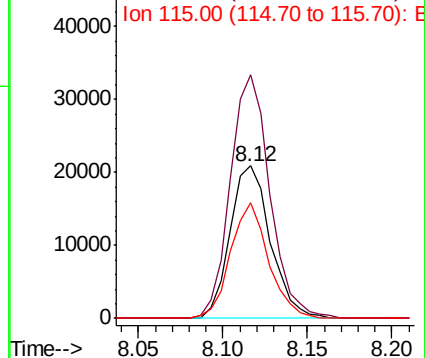
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BM016356.D
 Acq: 14 Aug 2018 16:01

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-3

Tot Ion:152 Resp: 34631
 Ion Ratio Lower Upper
 152 100
 150 159.7 119.5 179.3
 115 75.5 43.0 64.4#



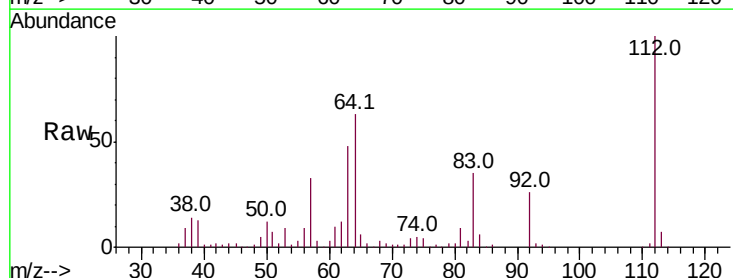
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



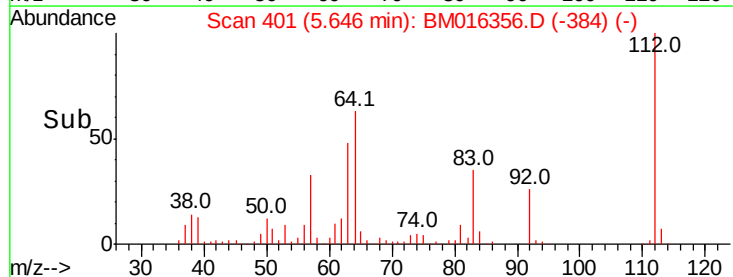
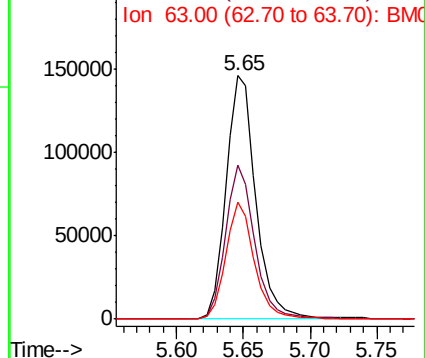
#5

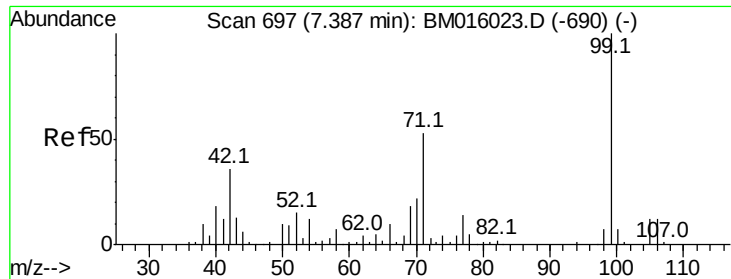
2-Fluorophenol
 Concen: Below ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BM016356.D
 Acq: 14 Aug 2018 16:01

Tgt Ion:112 Resp: 229154
 Ion Ratio Lower Upper
 112 100
 64 63.2 38.6 57.8#
 63 48.2 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# 680

Delta R.T. 0.00 min

Lab File: BM016356.D

Acq: 14 Aug 2018 16:01

Instrument :

BNA_M

ClientSampleId :

SP-1-3

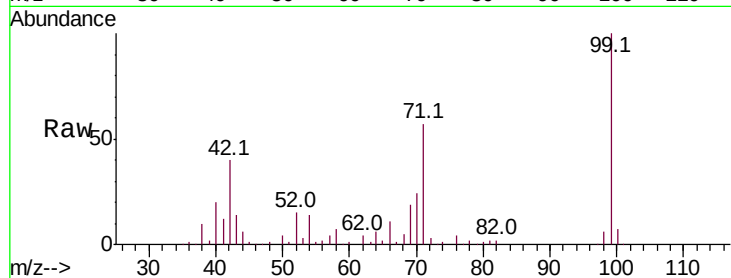
Tot Ion: 99 Resp: 278558

Ion Ratio Lower Upper

99 100

42 40.0 11.0 16.4#

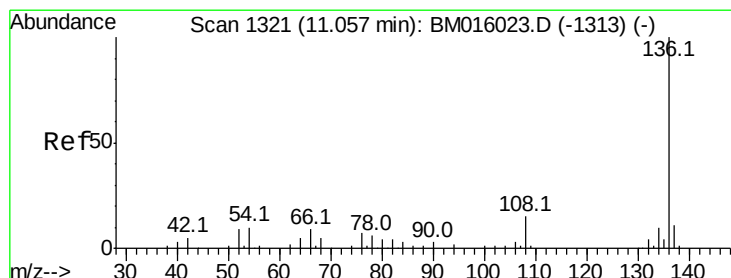
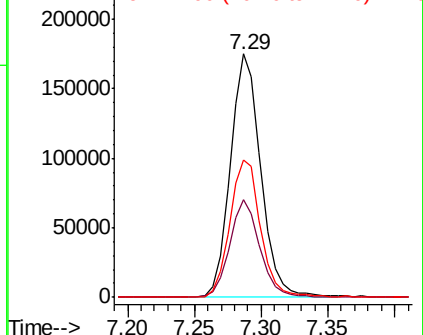
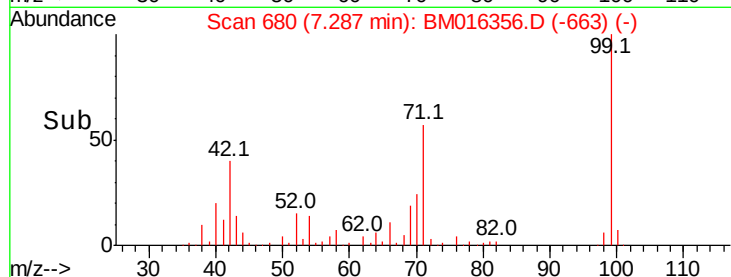
71 56.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016356.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016356.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016356.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016356.D

Acq: 14 Aug 2018 16:01

Tgt Ion: 136 Resp: 134743

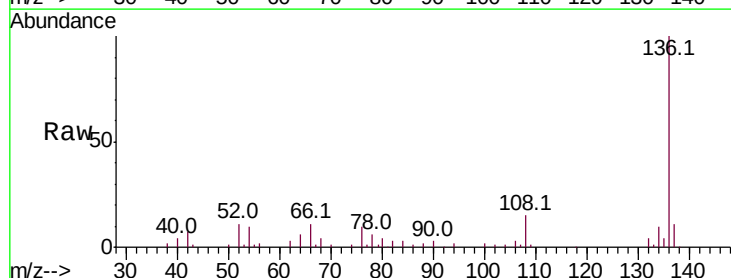
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.1 4.6 6.8#

68 4.1 3.7 5.5

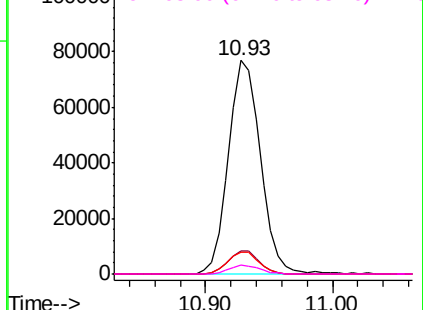
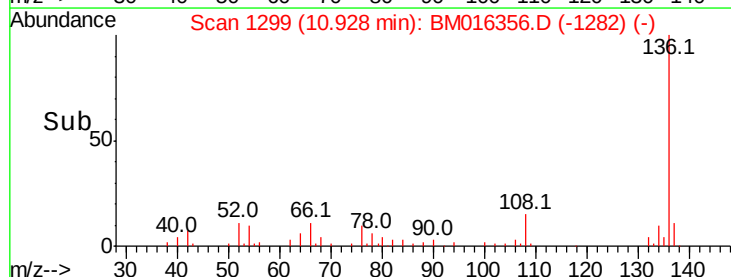


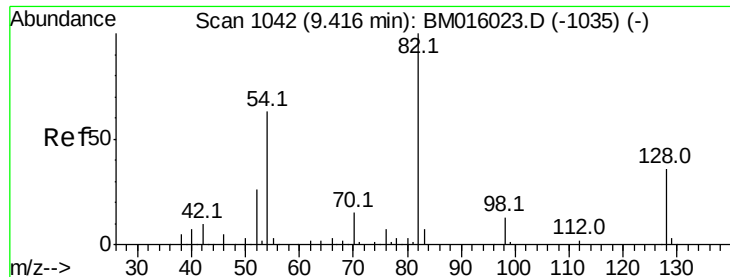
Abundance Ion 136.00 (135.70 to 136.70): BM016356.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016356.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016356.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016356.D (-1282) (-)

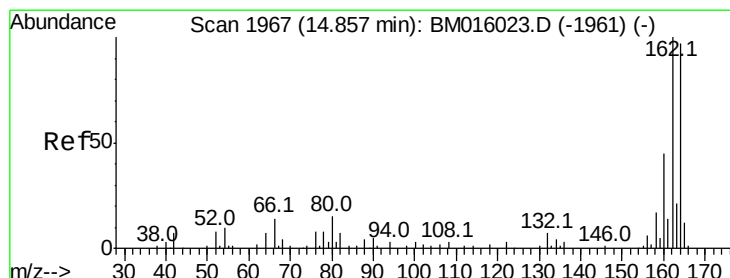
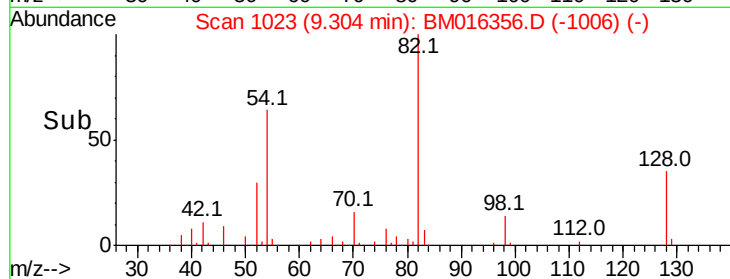
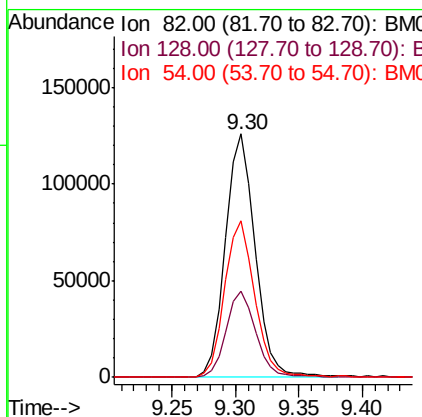
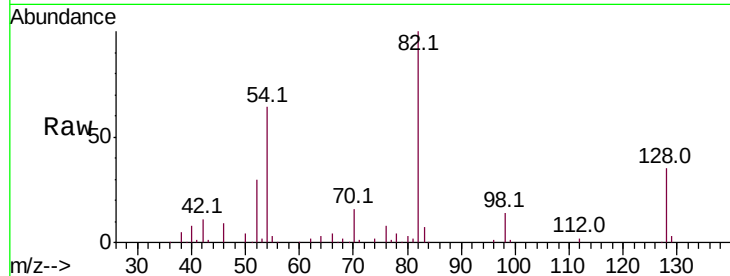




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM016356.D
Acq: 14 Aug 2018 16:01

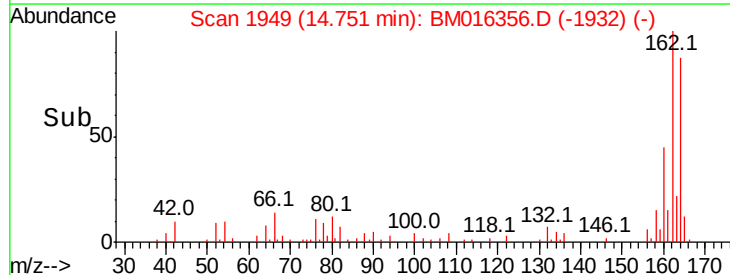
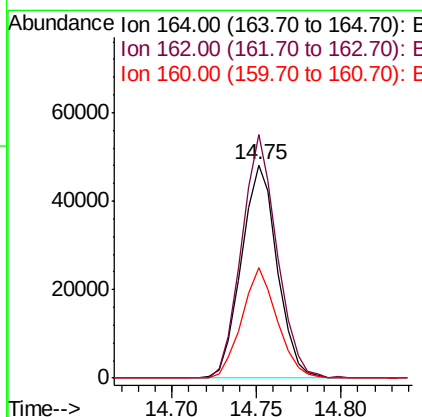
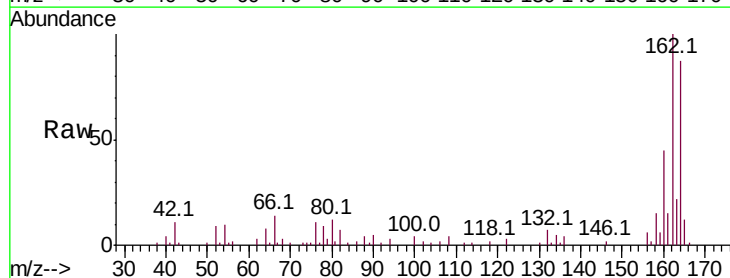
Instrument :
BNA_M
ClientSampleId :
SP-1-3

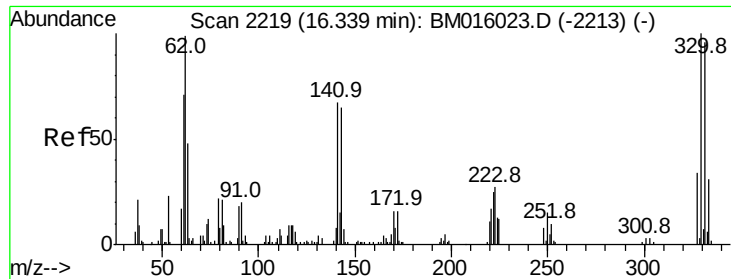
Tot Ion: 82 Resp: 204762
Ion Ratio Lower Upper
82 100
128 35.3 32.8 49.2
54 64.5 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM016356.D
Acq: 14 Aug 2018 16:01

Tgt Ion:164 Resp: 71031
Ion Ratio Lower Upper
164 100
162 114.4 82.4 123.6
160 51.7 35.8 53.6

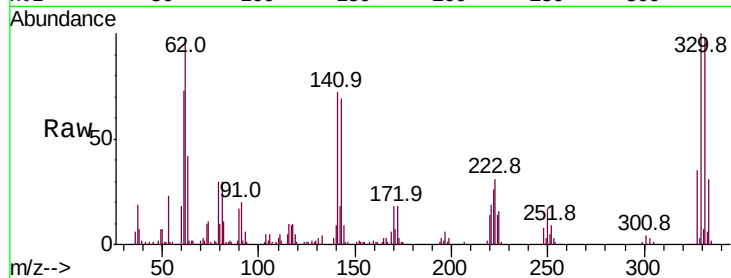




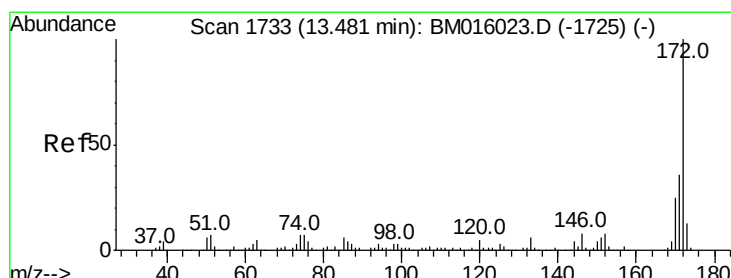
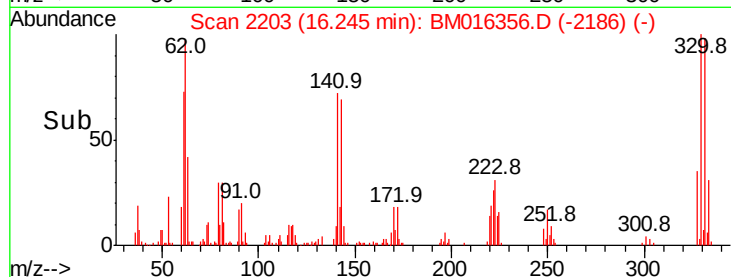
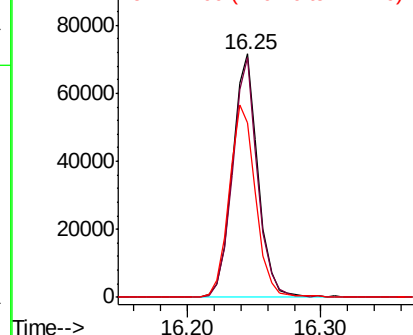
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BM016356.D
 Acq: 14 Aug 2018 16:01

Instrument :
 BNA_M
 ClientSampleID :
 SP-1-3

Tot Ion:330 Resp: 96067
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 81.9 0.0 0.0#

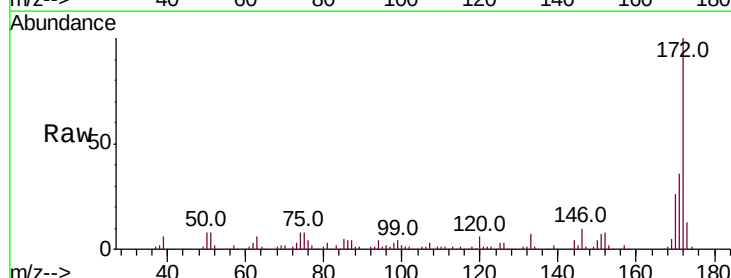


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

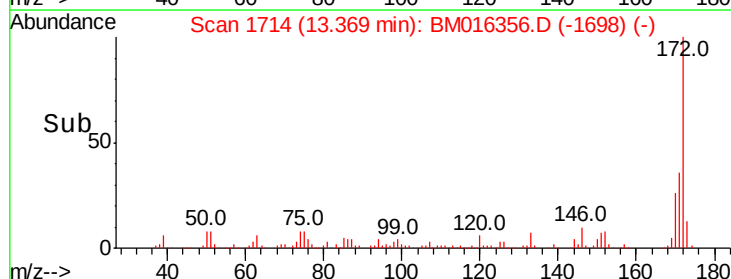
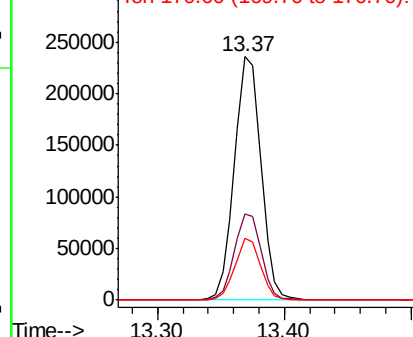


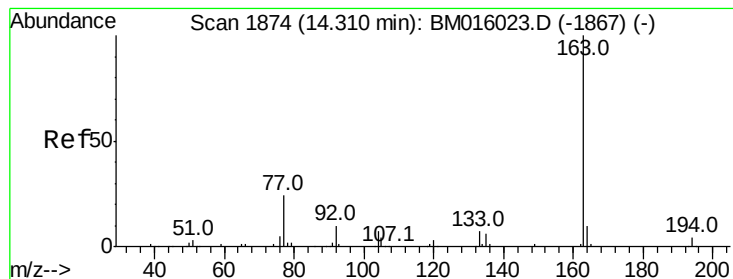
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016356.D
 Acq: 14 Aug 2018 16:01

Tgt Ion:172 Resp: 342078
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 25.5 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: 5.413 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016356.D

Acq: 14 Aug 2018 16:01

Instrument :

BNA_M

ClientSampleId :

SP-1-3

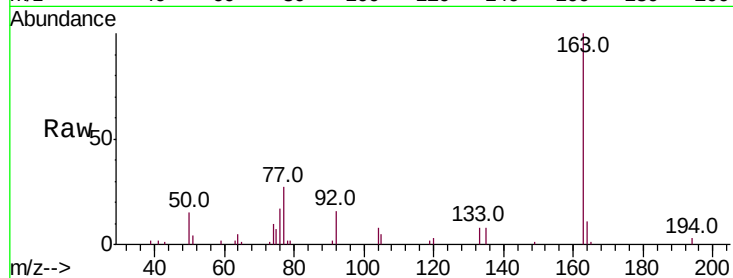
Tot Ion:163 Resp: 33649

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

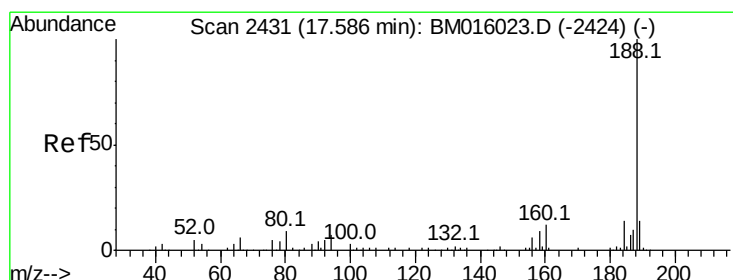
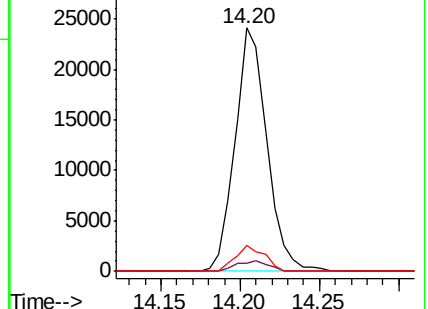
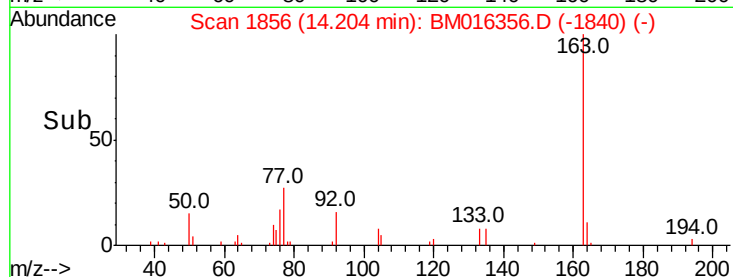
164 10.8 8.2 12.2



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# 2414

Delta R.T. -0.01 min

Lab File: BM016356.D

Acq: 14 Aug 2018 16:01

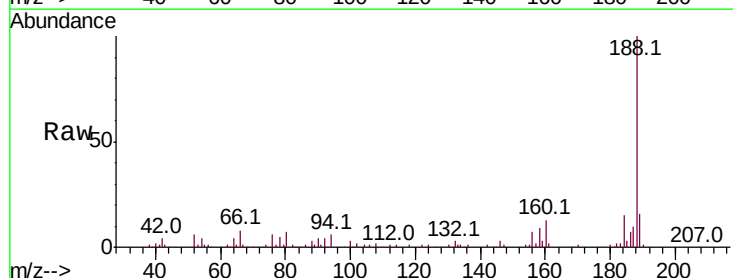
Tgt Ion:188 Resp: 152950

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

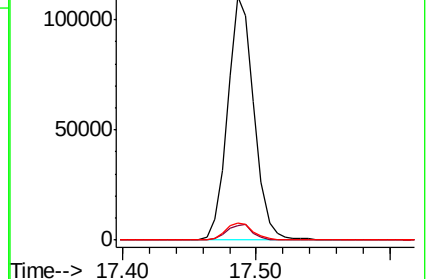
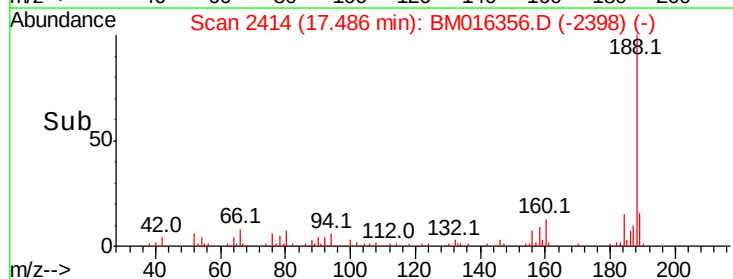
80 6.9 9.3 13.9#

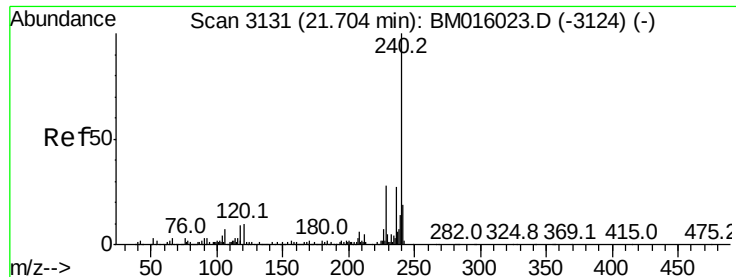


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016356.D

Acq: 14 Aug 2018 16:01

Instrument :

BNA_M

ClientSampleId :

SP-1-3

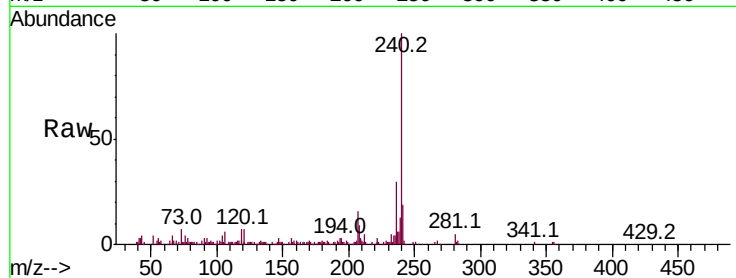
Tot Ion:240 Resp: 124682

Ion Ratio Lower Upper

240 100

120 7.3 8.2 12.2#

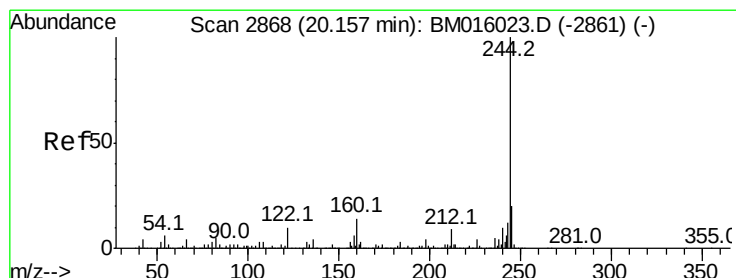
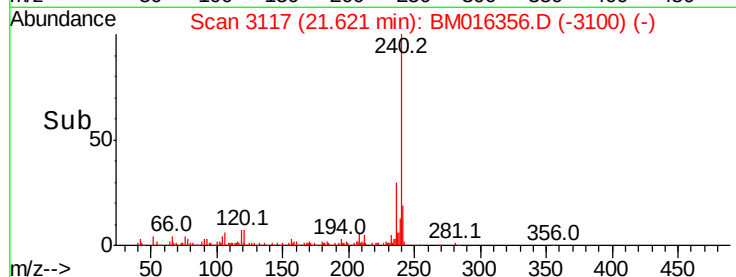
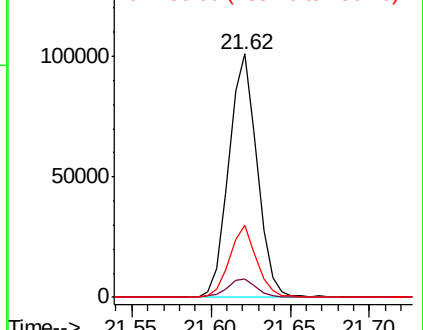
236 29.7 20.0 30.0



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: BM016356.D

Acq: 14 Aug 2018 16:01

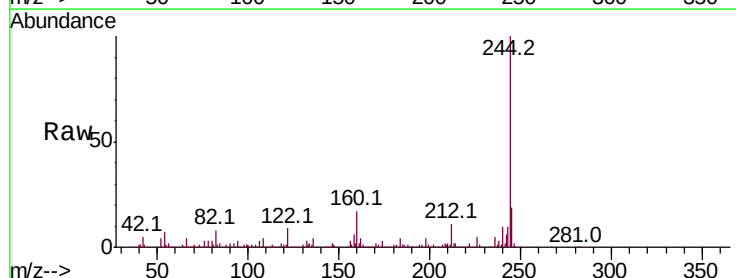
Tgt Ion:244 Resp: 448537

Ion Ratio Lower Upper

244 100

212 10.6 4.9 7.3#

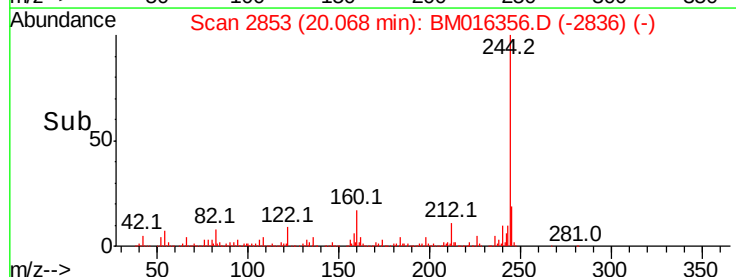
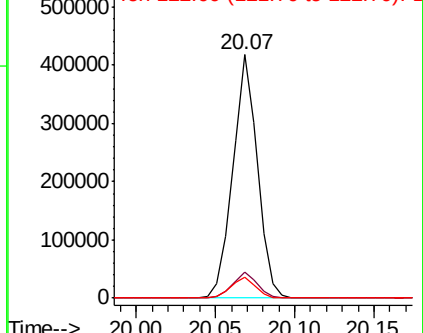
122 8.6 6.2 9.4

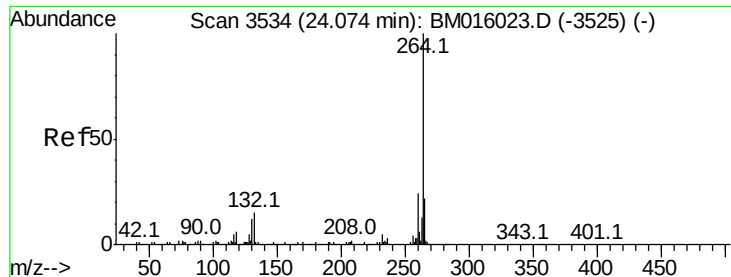


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

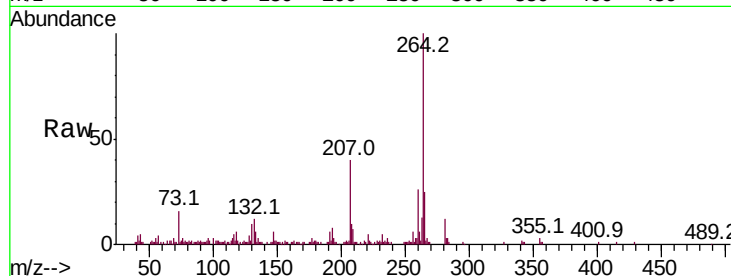




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.95 min Scan# 3513
 Delta R.T. 0.01 min
 Lab File: BM016356.D
 Acq: 14 Aug 2018 16:01

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	24.6	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

