

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016331.D
 Acq On : 13 Aug 2018 18:36
 Operator : SJ/JU
 Sample : J4442-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Quant Time: Aug 14 04:44:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23348	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	78455	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	34746	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	67314	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	80626	20.00	ng	-0.02
86) Perylene-d12	23.95	264	96523	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	180600	128.49	ng	0.00
7) Phenol-d6	7.29	99	174610	95.13	ng	-0.01
23) Nitrobenzene-d5	9.31	82	182641	108.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	57391	130.23	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	313151	109.66	ng	-0.02
78) Terphenyl-d14	20.07	244	447040	116.06	ng	-0.01

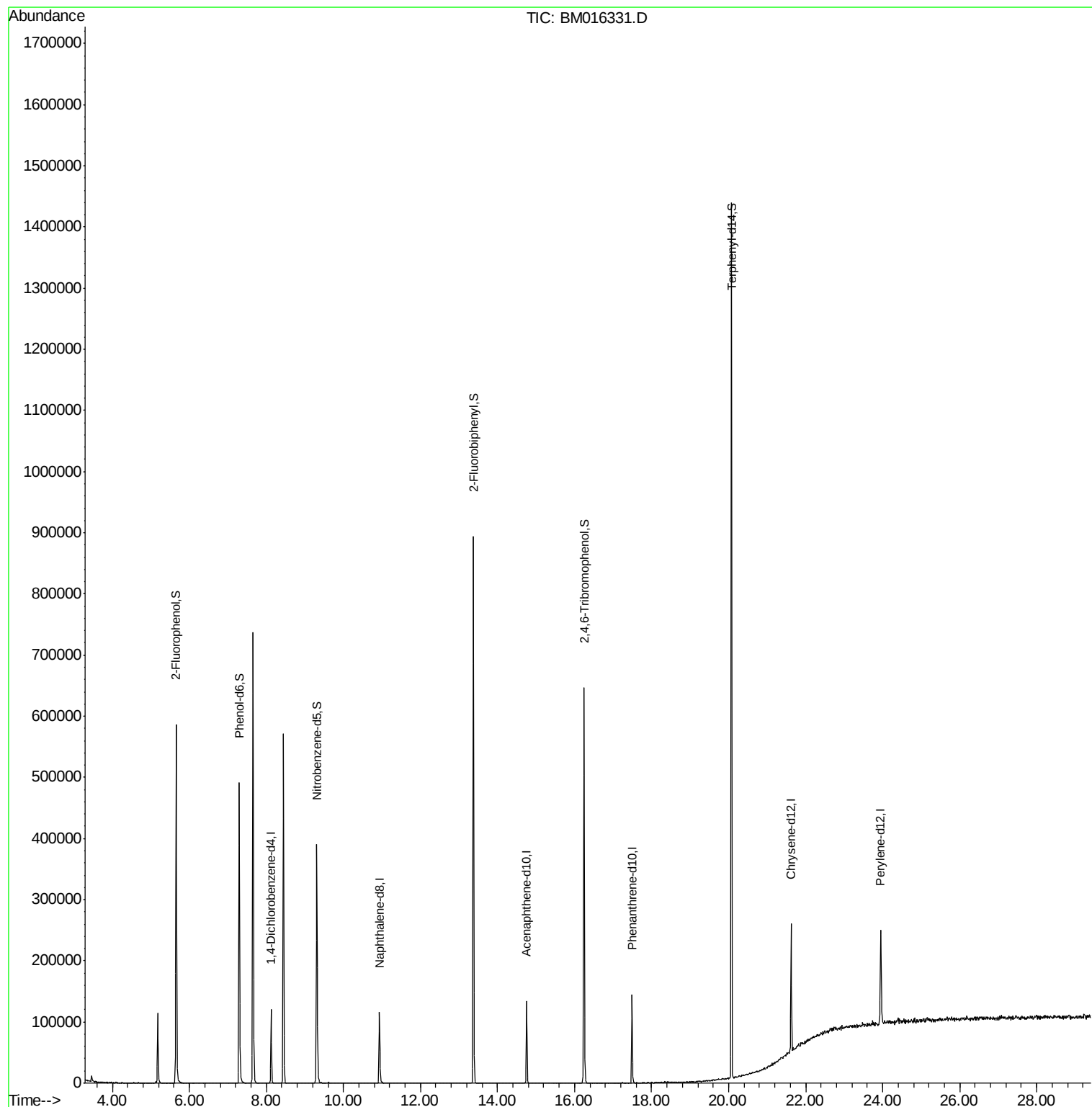
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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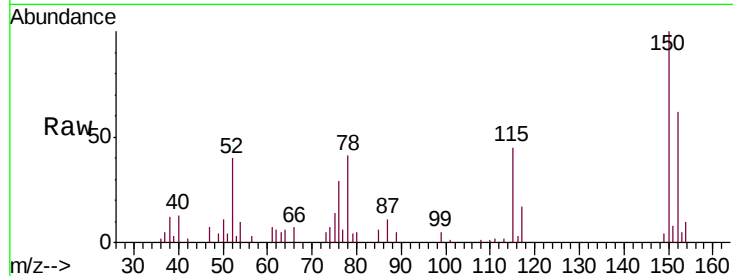




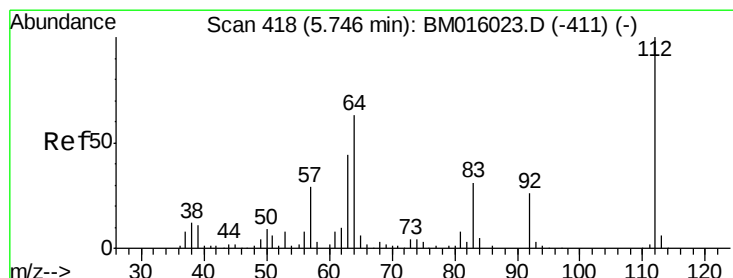
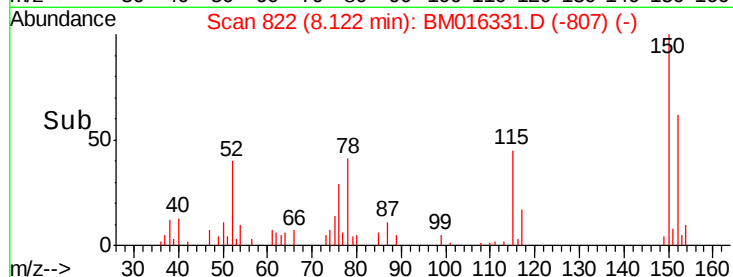
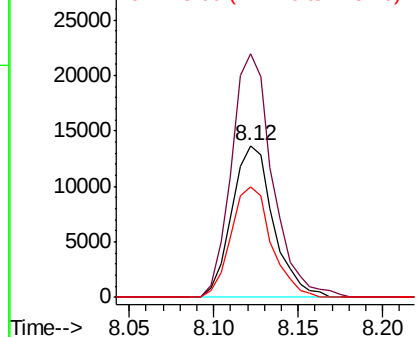
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-2

Tgt Ion:152 Resp: 23348
 Ion Ratio Lower Upper
 152 100
 150 160.3 119.5 179.3
 115 72.6 43.0 64.4#

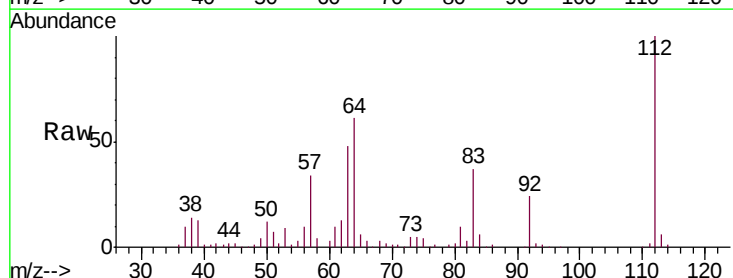


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

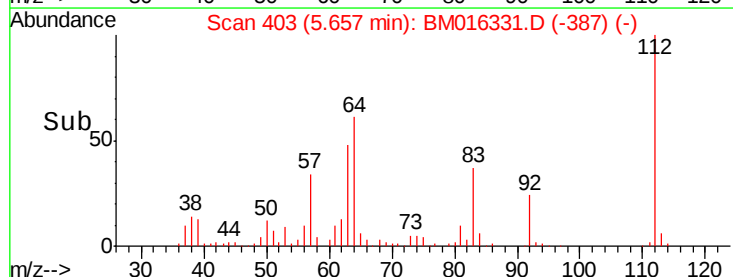
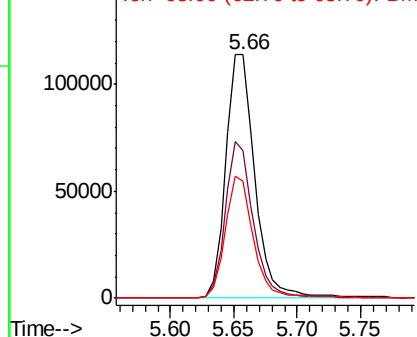


#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

Tgt Ion:112 Resp: 180600
 Ion Ratio Lower Upper
 112 100
 64 60.7 38.6 57.8#
 63 47.9 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: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016331.D

Acq: 13 Aug 2018 18:36

Instrument :

BNA_M

ClientSampleId :

SP-1-2

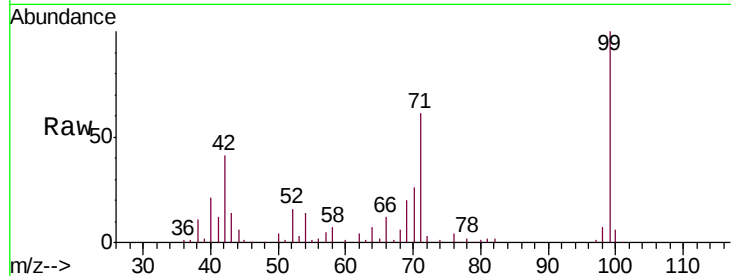
Tgt Ion: 99 Resp: 174610

Ion Ratio Lower Upper

99 100

42 41.0 11.0 16.4#

71 61.0 23.4 35.2#

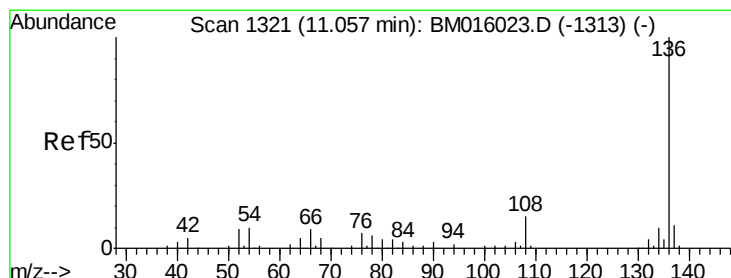
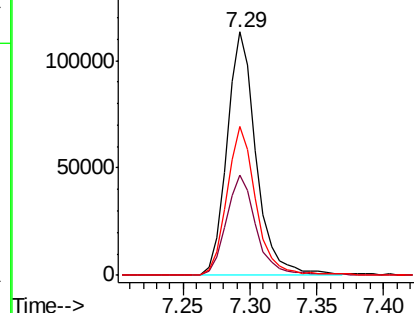
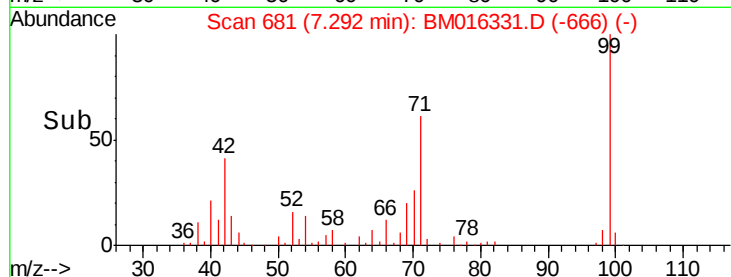


Abundance

Ion 99.00 (98.70 to 99.70): BM016331.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016331.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016331.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016331.D

Acq: 13 Aug 2018 18:36

Tgt Ion: 136 Resp: 78455

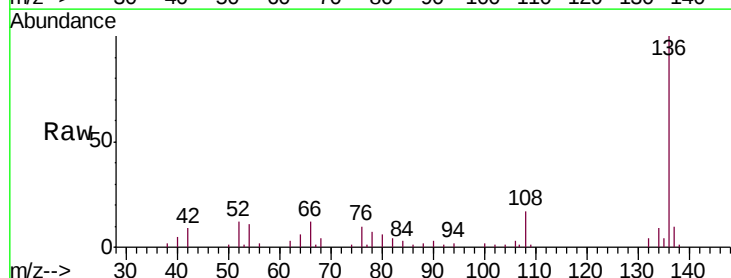
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 10.9 4.6 6.8#

68 3.7 3.7 5.5



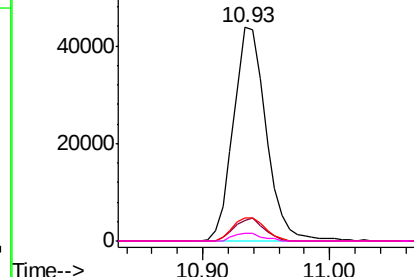
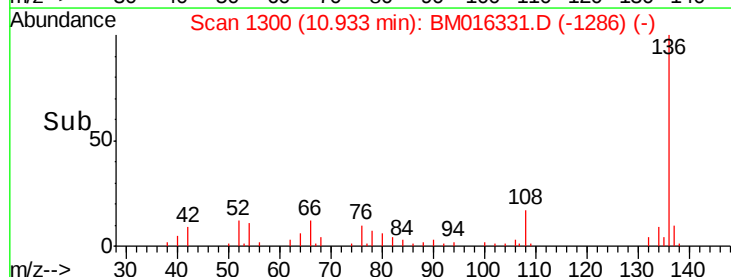
Abundance

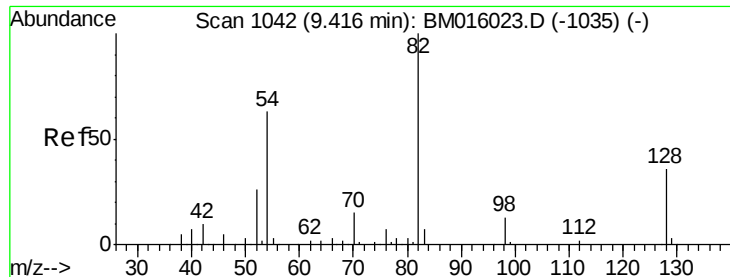
Ion 136.00 (135.70 to 136.70): BM016331.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016331.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016331.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016331.D (-1286) (-)

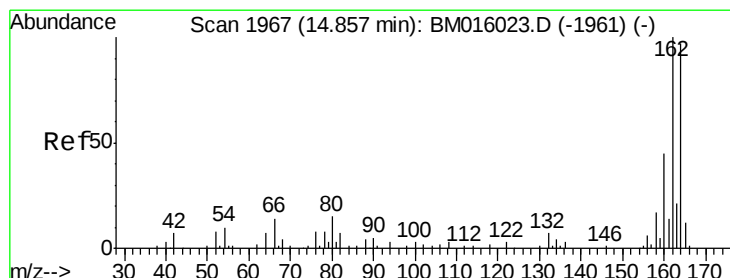
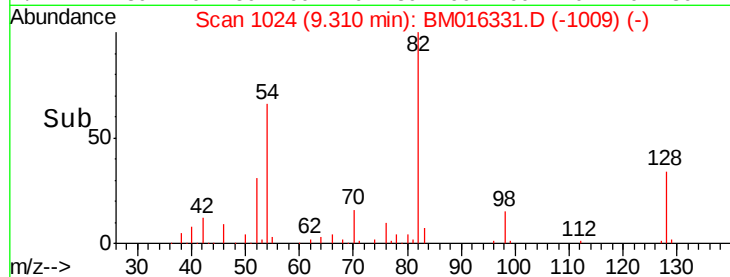
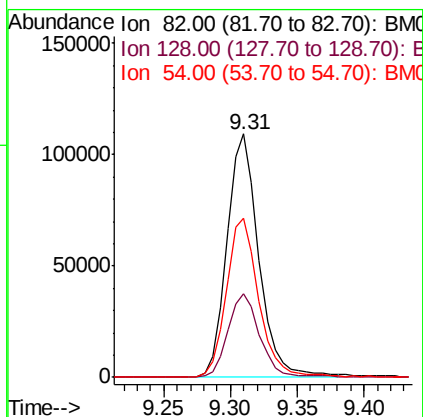
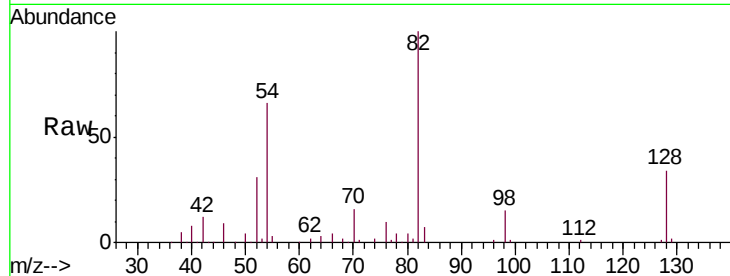




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

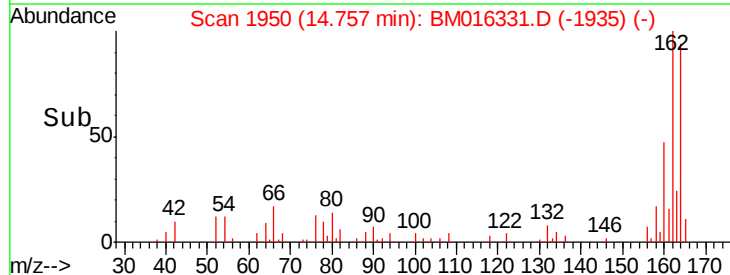
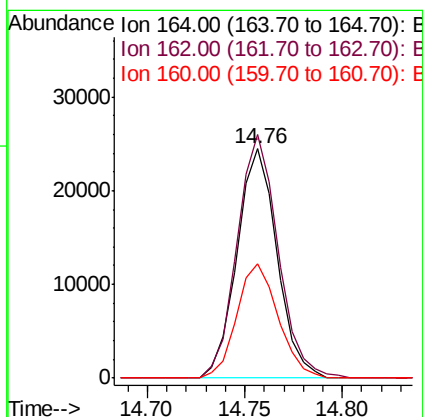
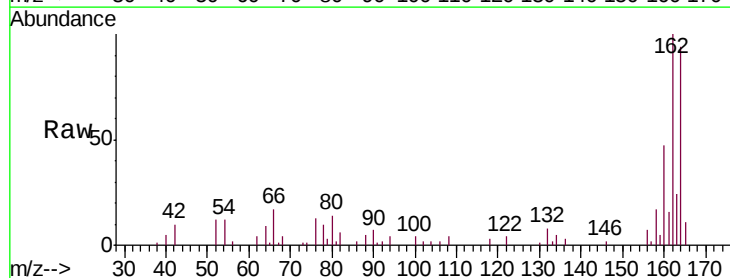
Instrument :
 BNA_M
 ClientSampled :
 SP-1-2

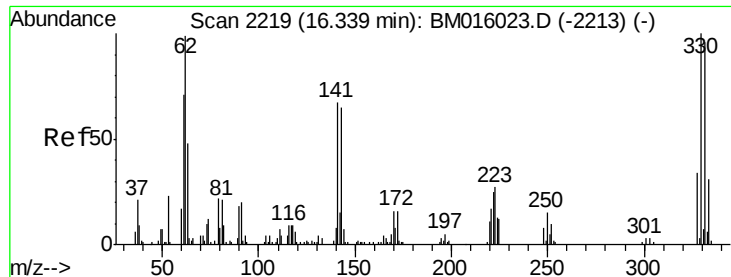
Tgt Ion: 82 Resp: 182641
 Ion Ratio Lower Upper
 82 100
 128 34.4 32.8 49.2
 54 65.6 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

Tgt Ion: 164 Resp: 34746
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 49.7 35.8 53.6

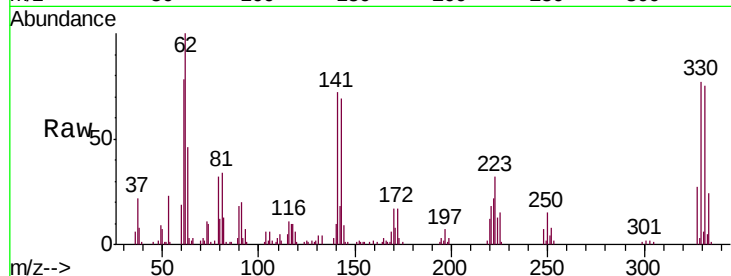




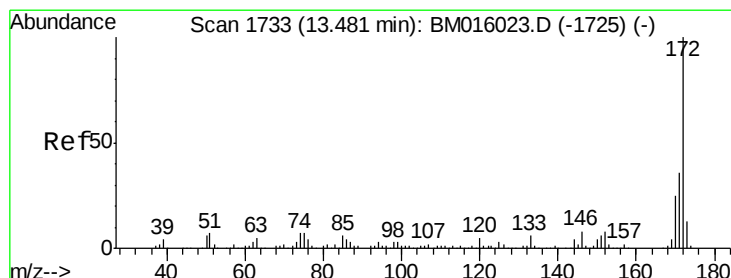
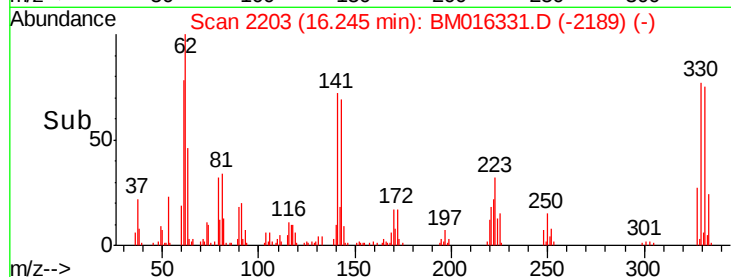
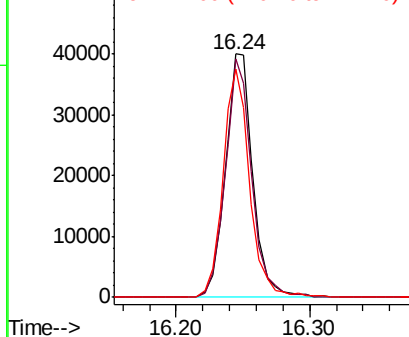
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

Instrument :
 BNA_M
 ClientSampled :
 SP-1-2

Tgt Ion: 330 Resp: 57391
 Ion Ratio Lower Upper
 330 100
 332 94.3 0.0 0.0#
 141 91.2 0.0 0.0#

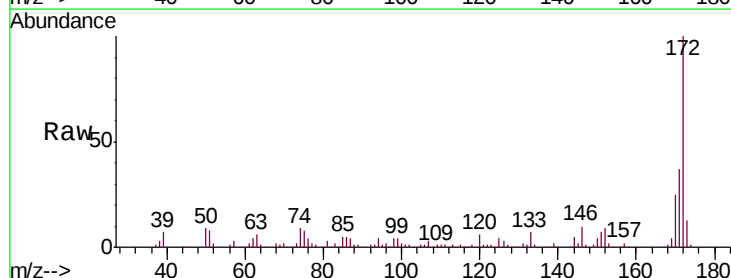


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

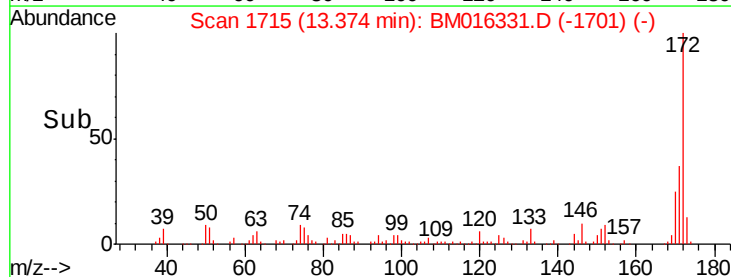
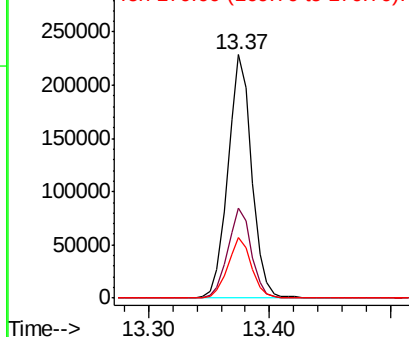


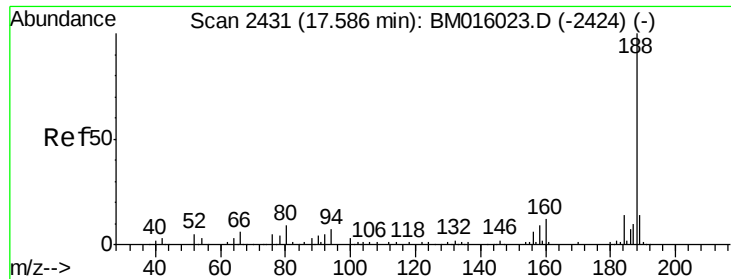
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016331.D
 Acq: 13 Aug 2018 18:36

Tgt Ion: 172 Resp: 313151
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.5 42.7
 170 24.7 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

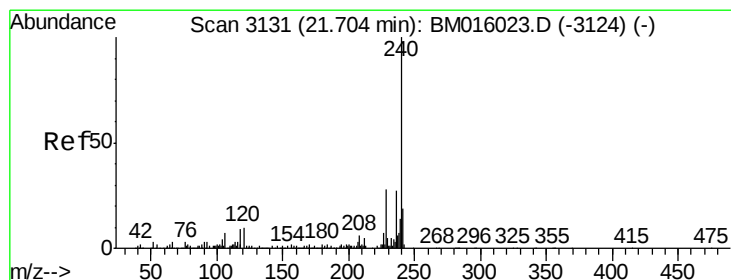
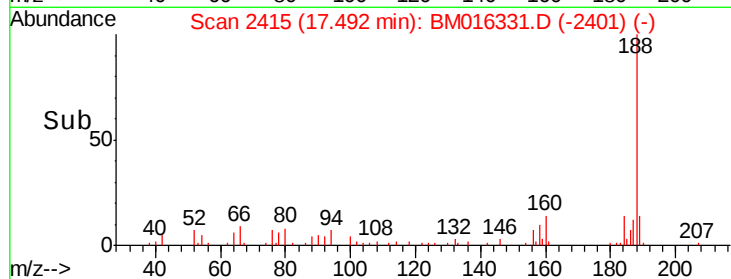
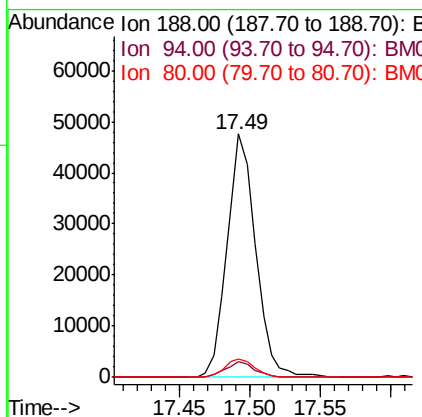
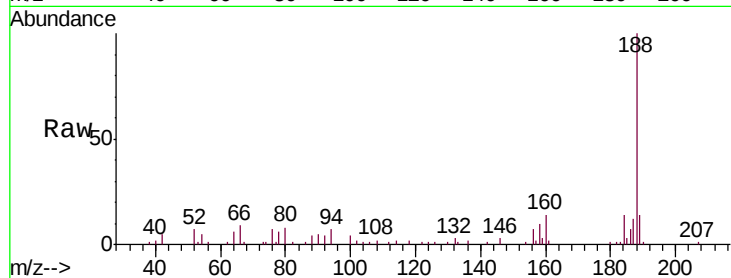




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016331.D
Acq: 13 Aug 2018 18:36

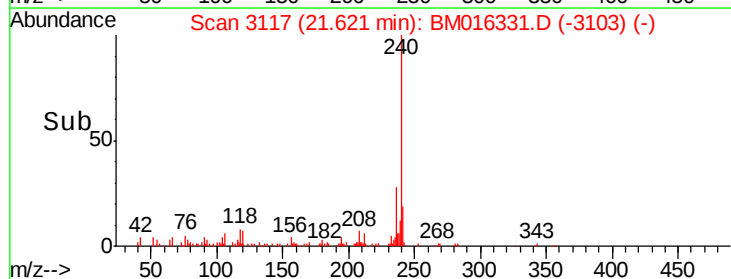
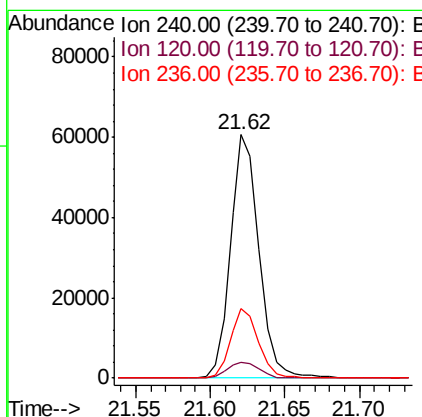
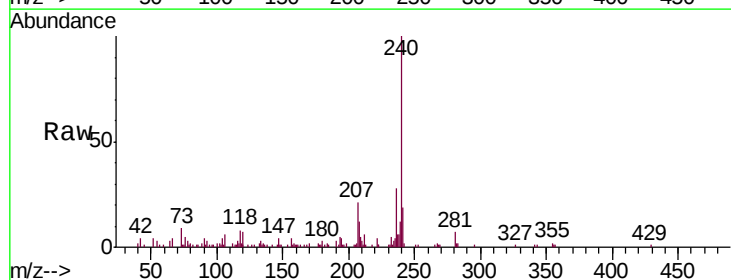
Instrument :
BNA_M
ClientSampleId :
SP-1-2

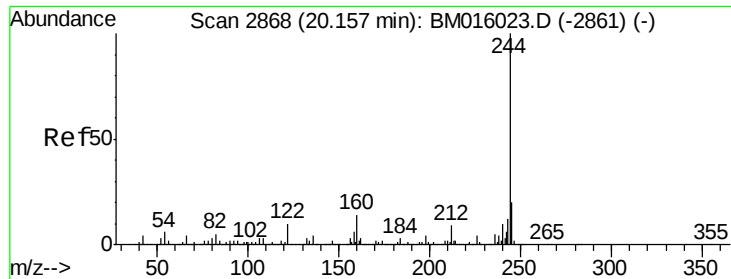
Tgt Ion:188 Resp: 67314
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016331.D
Acq: 13 Aug 2018 18:36

Tgt Ion:240 Resp: 80626
Ion Ratio Lower Upper
240 100
120 6.6 8.2 12.2#
236 28.5 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016331.D

Acq: 13 Aug 2018 18:36

Instrument :

BNA_M

ClientSampled :

SP-1-2

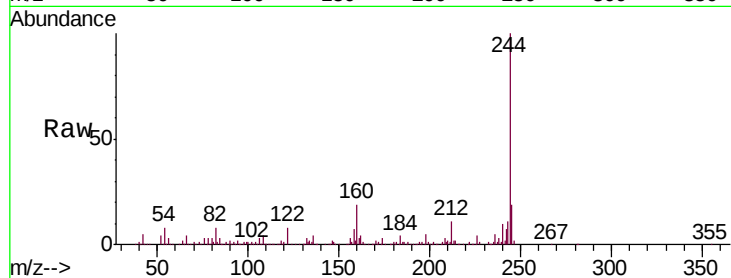
Tgt Ion:244 Resp: 447040

Ion Ratio Lower Upper

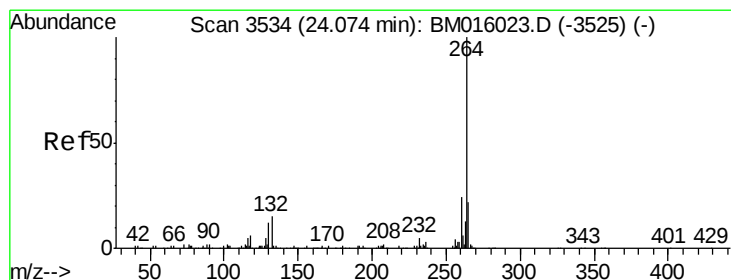
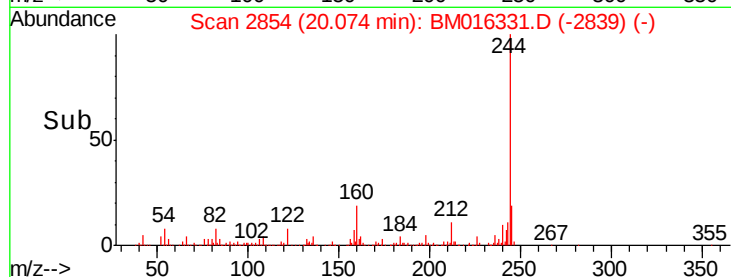
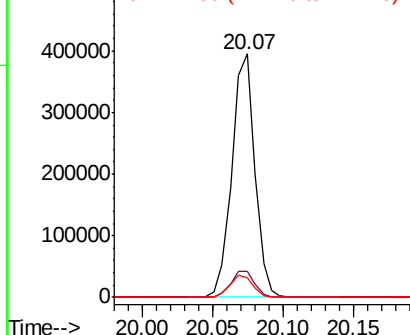
244 100

212 10.8 4.9 7.3#

122 8.3 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: 23.95 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BM016331.D

Acq: 13 Aug 2018 18:36

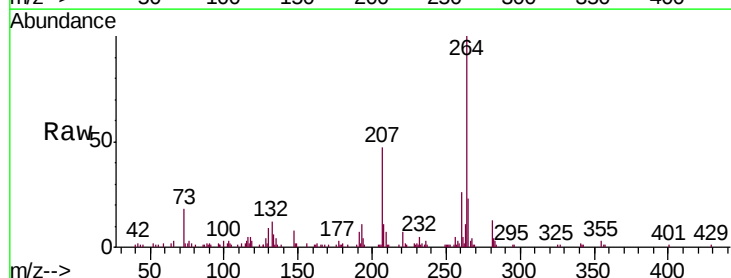
Tgt Ion:264 Resp: 96523

Ion Ratio Lower Upper

264 100

260 26.4 18.6 27.8

265 22.9 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

