

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016370.D
 Acq On : 15 Aug 2018 02:17
 Operator : SJ/JU
 Sample : PB112011BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BL

Quant Time: Aug 15 12:10:23 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	23895	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	89423	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	49451	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	113238	20.00	ng	0.00
75) Chrysene-d12	21.61	240	96338	20.00	ng	0.00
86) Perylene-d12	23.95	264	100384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	139310	96.84	ng	0.00
7) Phenol-d6	7.28	99	167481	89.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	198212	103.10	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	58482	93.24	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	423597	104.23	ng	0.00
78) Terphenyl-d14	20.07	244	616416	133.94	ng	0.00

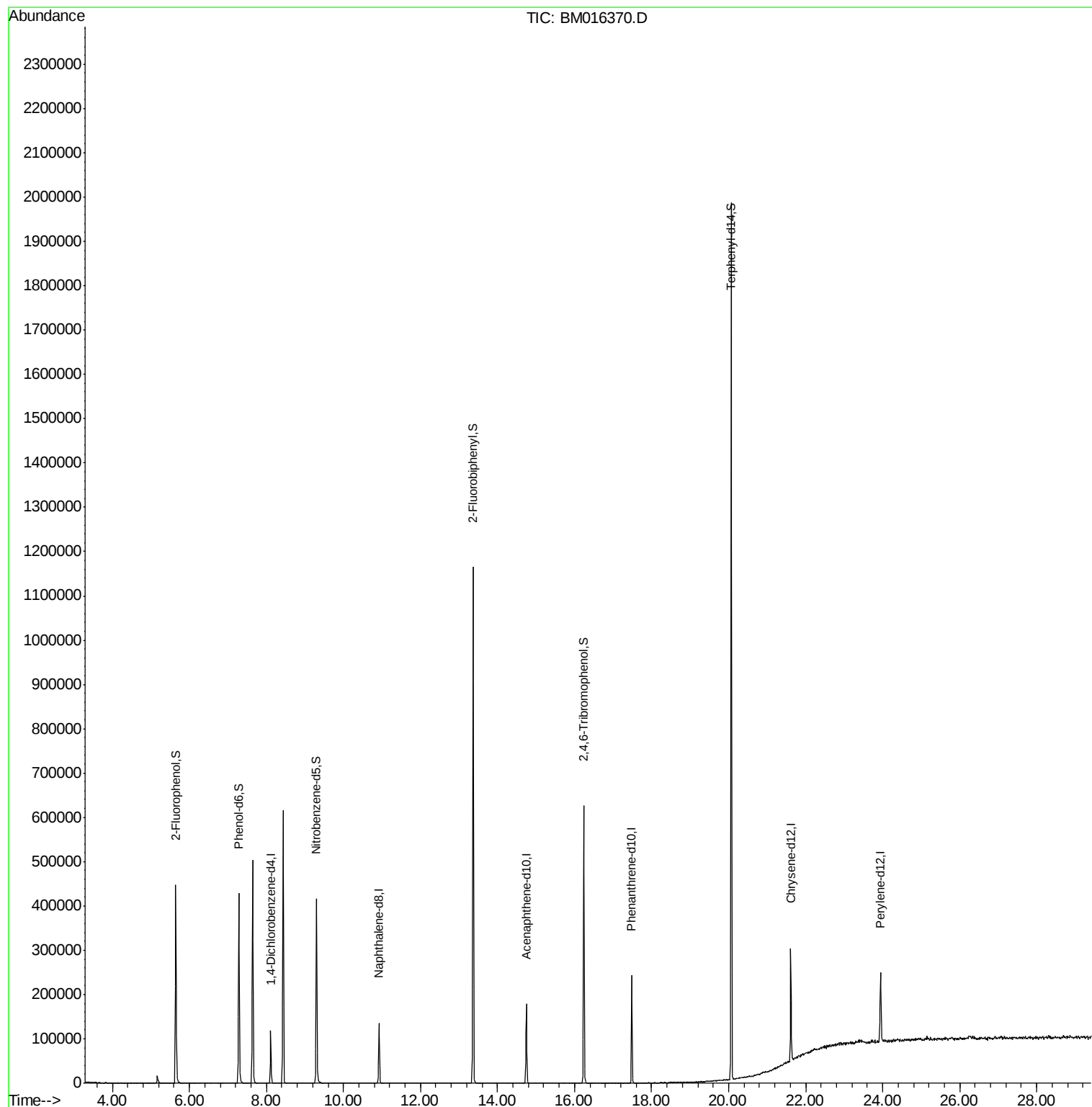
Target Compounds Qvalue

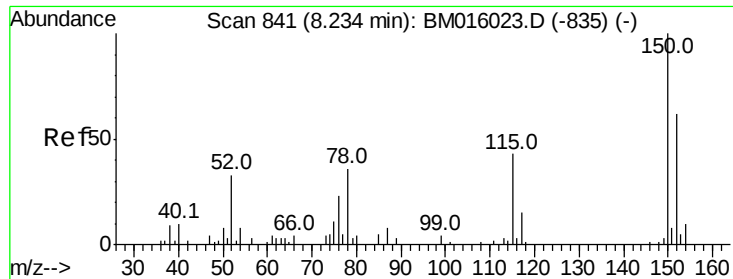
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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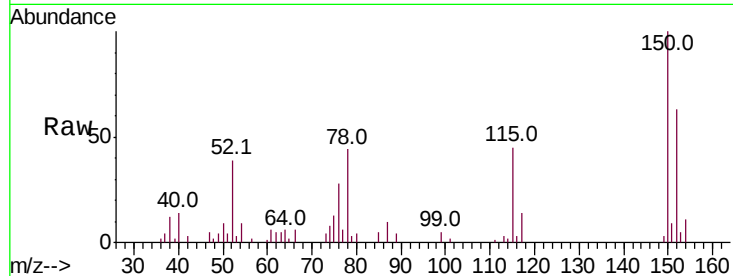


#1

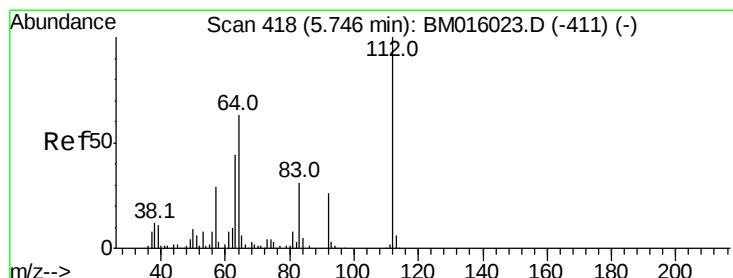
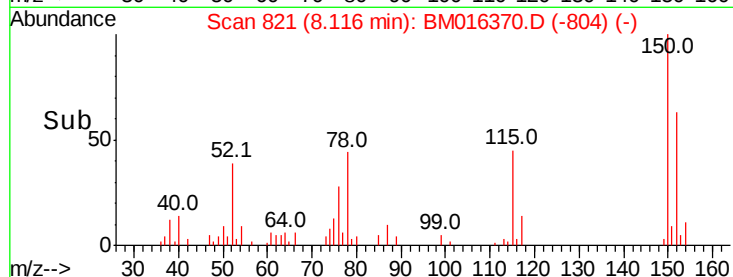
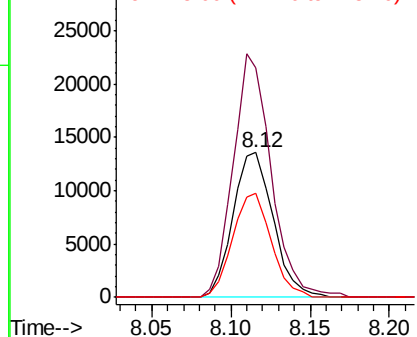
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM016370.D
Acq: 15 Aug 2018 02:17

Instrument :
BNA_M
ClientSampleId :
PB112011BL

Tot Ion:152 Resp: 23895
Ion Ratio Lower Upper
152 100
150 158.6 119.5 179.3
115 71.8 43.0 64.4#



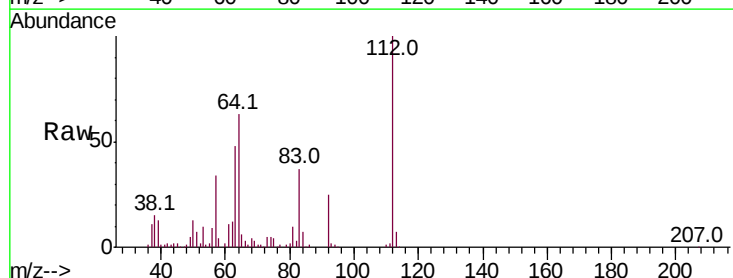
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



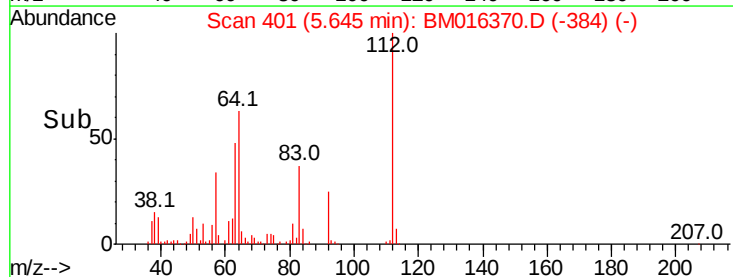
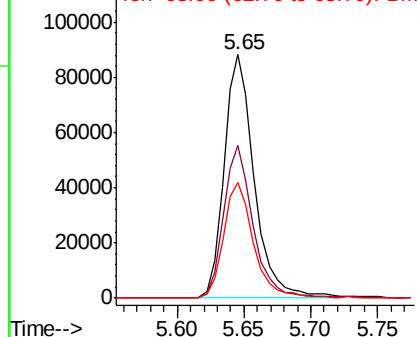
#5

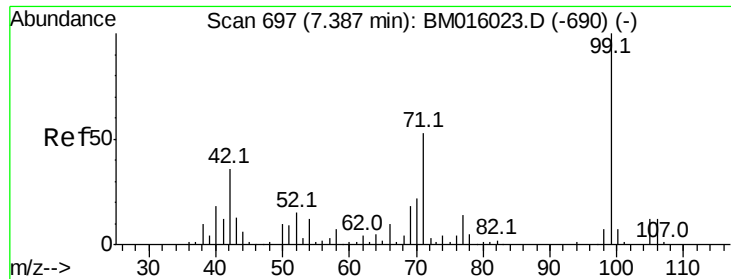
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016370.D
Acq: 15 Aug 2018 02:17

Tgt Ion:112 Resp: 139310
Ion Ratio Lower Upper
112 100
64 62.6 38.6 57.8#
63 47.7 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

Instrument :

BNA_M

ClientSampleId :

PB112011BL

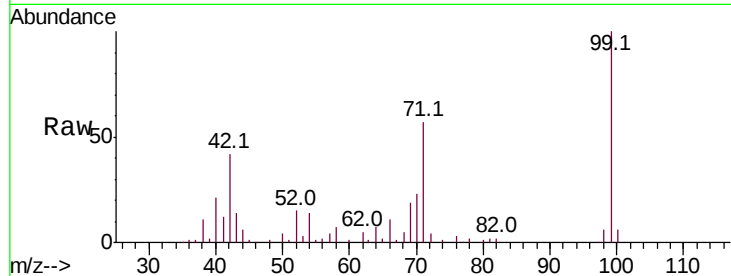
Tot Ion: 99 Resp: 167481

Ion Ratio Lower Upper

99 100

42 42.2 11.0 16.4#

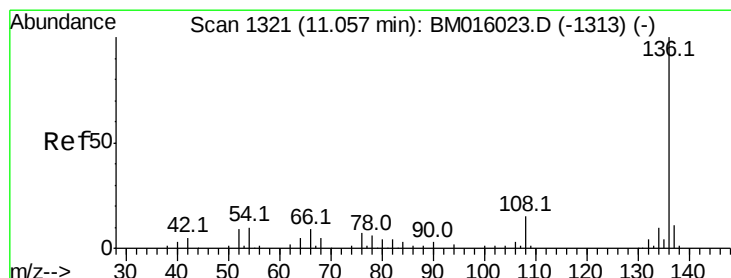
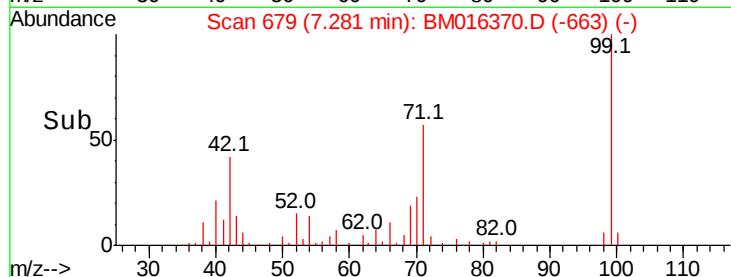
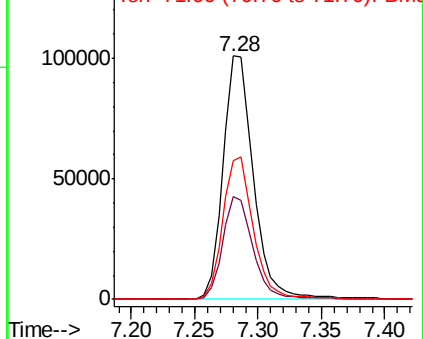
71 57.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016370.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016370.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016370.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

Tgt Ion: 136 Resp: 89423

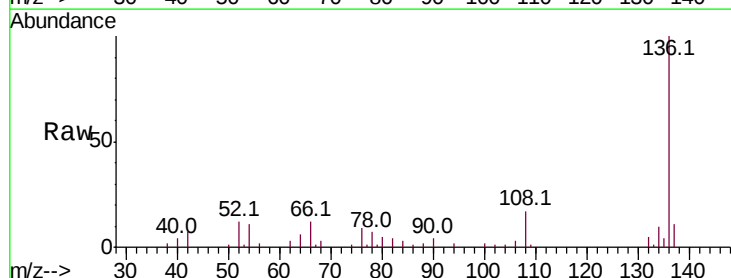
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 4.6 6.8#

68 3.4 3.7 5.5#

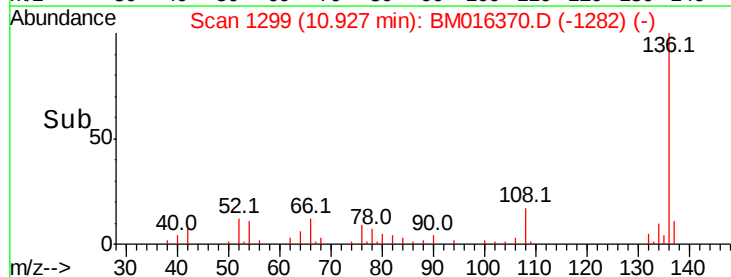
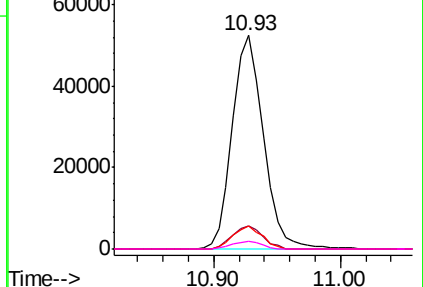


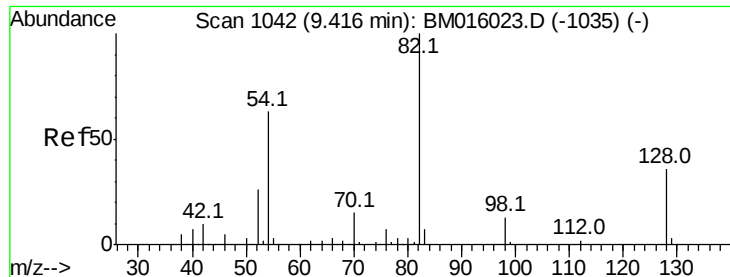
Abundance Ion 136.00 (135.70 to 136.70): BM016370.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016370.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016370.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016370.D (-1282) (-)

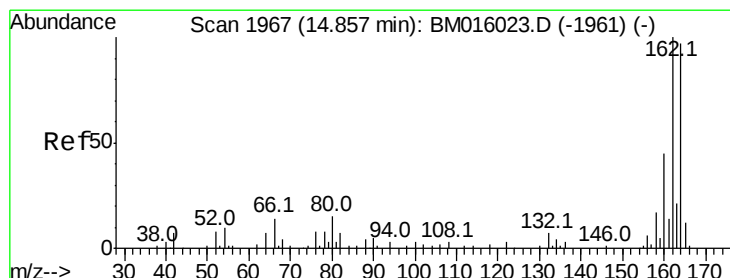
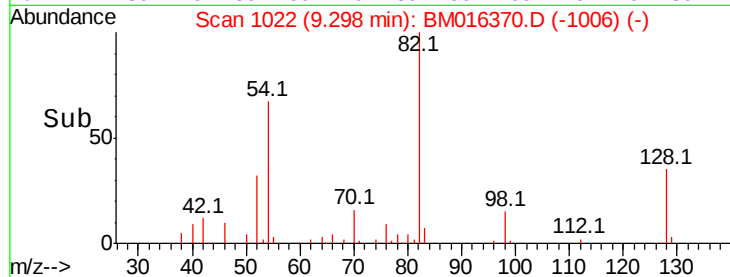
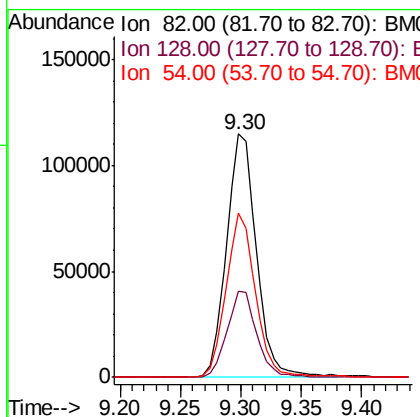
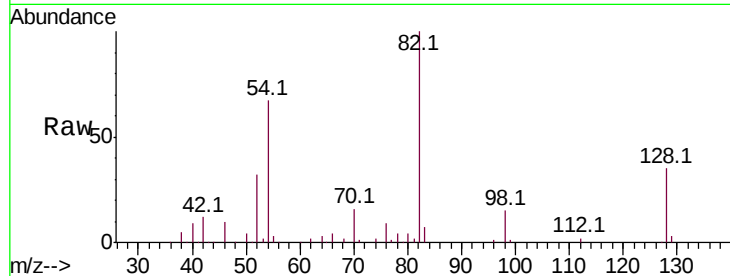




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016370.D
 Acq: 15 Aug 2018 02:17

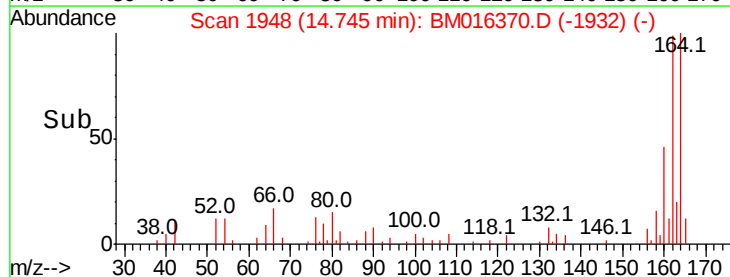
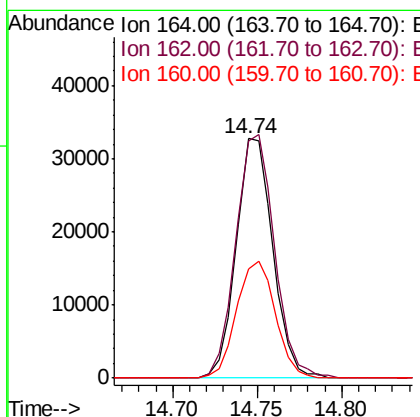
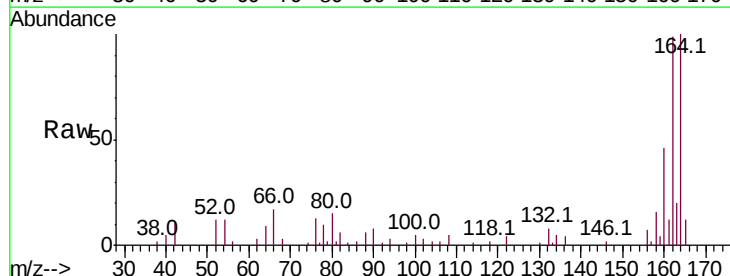
Instrument :
 BNA_M
 ClientSampleId :
 PB112011BL

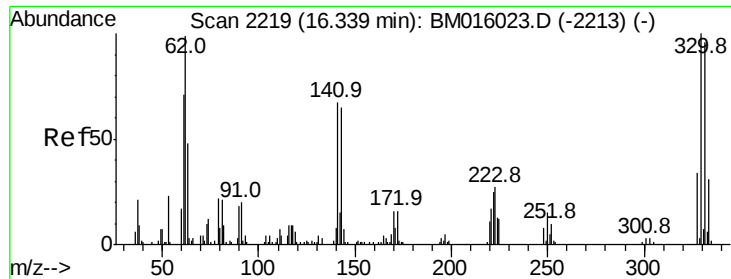
Tot Ion	82	Resp	198212
Ion Ratio	Lower	Upper	
82	100		
128	35.2	32.8	49.2
54	67.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016370.D
 Acq: 15 Aug 2018 02:17

Tgt Ion	164	Resp	49451
Ion Ratio	Lower	Upper	
164	100		
162	99.1	82.4	123.6
160	45.5	35.8	53.6

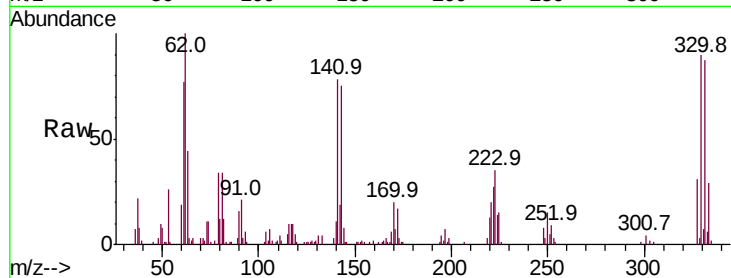




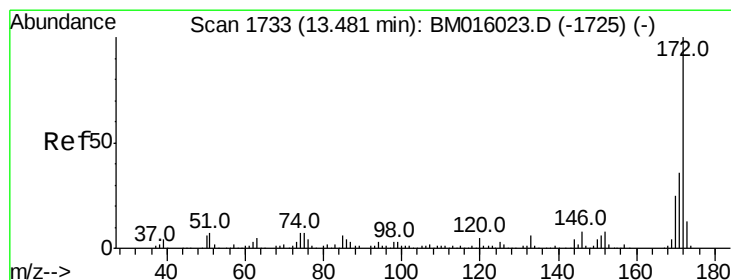
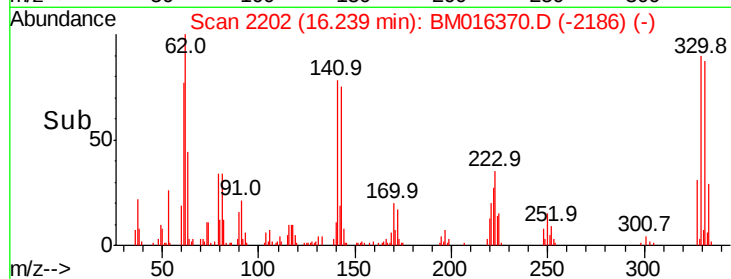
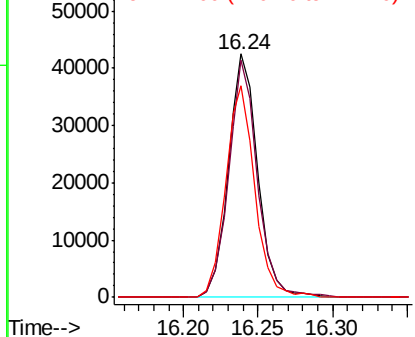
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016370.D
 Acq: 15 Aug 2018 02:17

Instrument :
 BNA_M
 ClientSampleId :
 PB112011BL

Tot Ion:330 Resp: 58482
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 86.7 0.0 0.0#

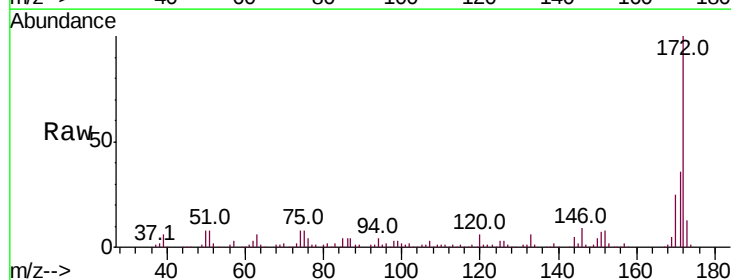


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

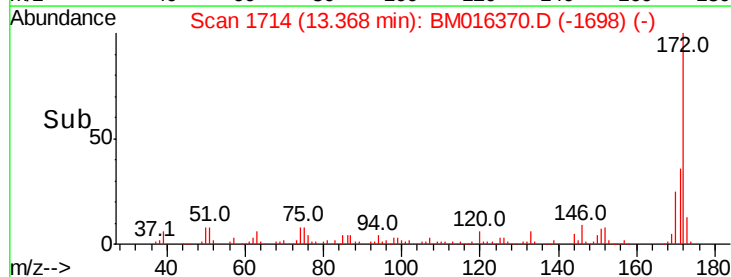
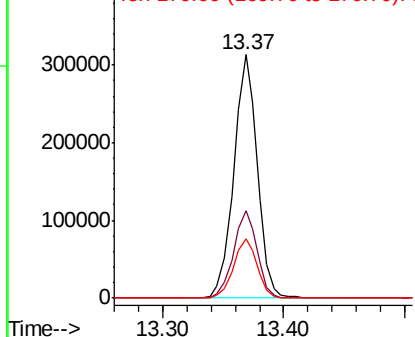


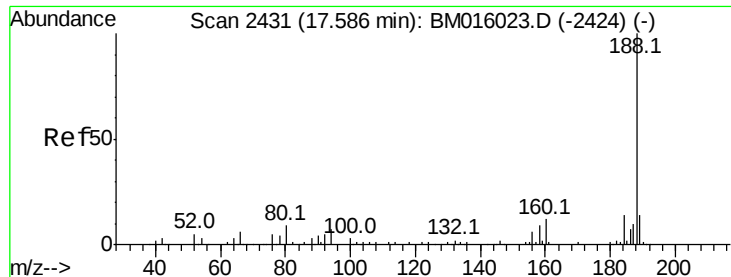
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016370.D
 Acq: 15 Aug 2018 02:17

Tgt Ion:172 Resp: 423597
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

Instrument :

BNA_M

ClientSampleId :

PB112011BL

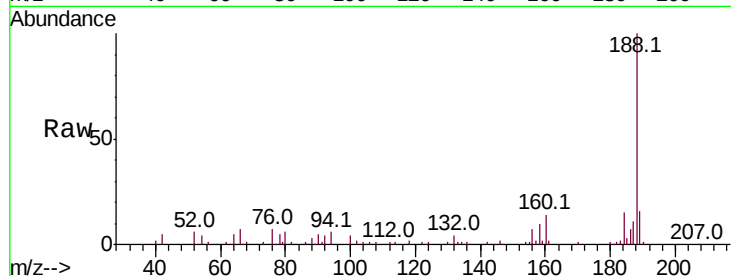
Tot Ion:188 Resp: 113238

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

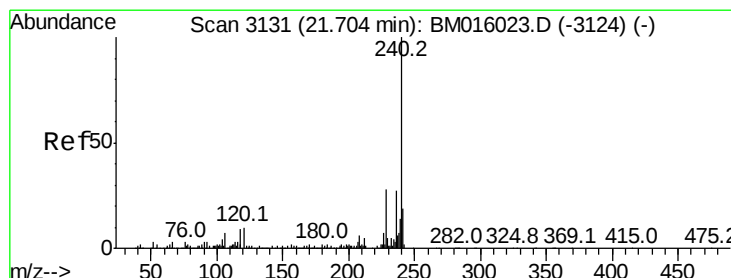
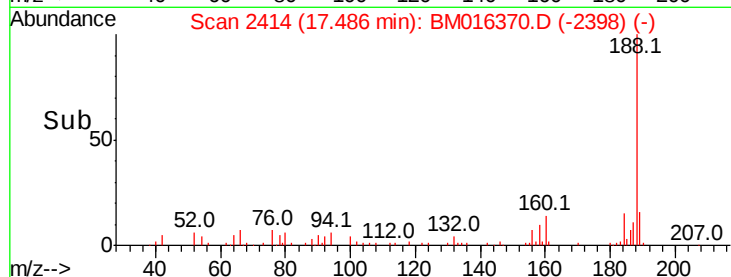
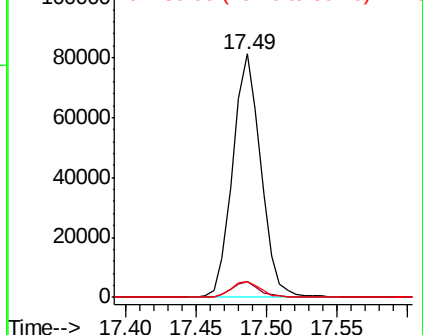
80 6.4 9.3 13.9#



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: 21.61 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

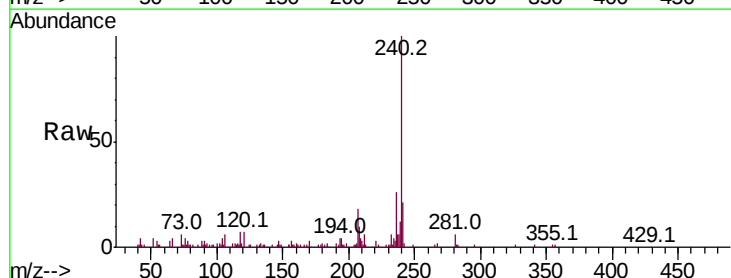
Tgt Ion:240 Resp: 96338

Ion Ratio Lower Upper

240 100

120 7.1 8.2 12.2#

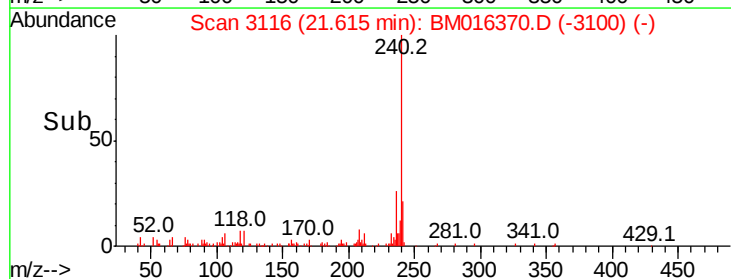
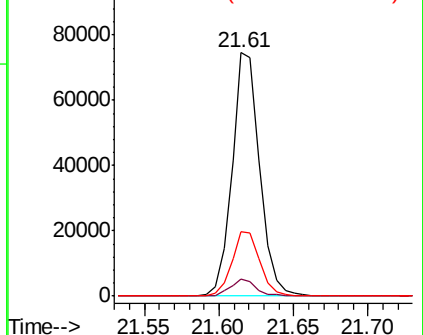
236 26.5 20.0 30.0

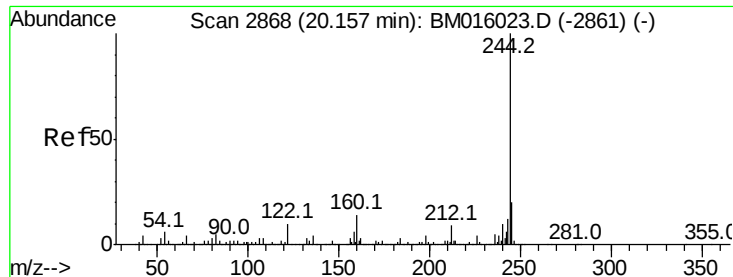


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

Instrument :

BNA_M

ClientSampleId :

PB112011BL

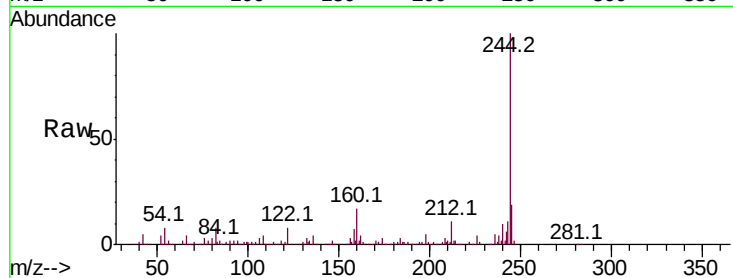
Tot Ion:244 Resp: 616416

Ion Ratio Lower Upper

244 100

212 10.8 4.9 7.3#

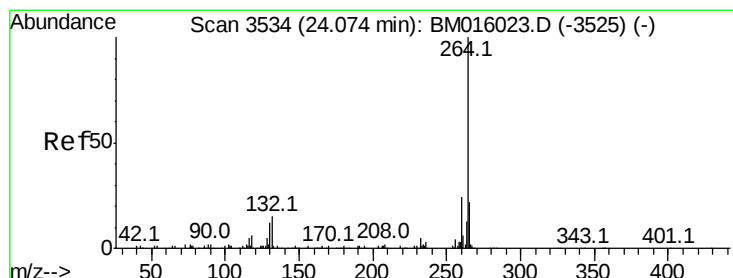
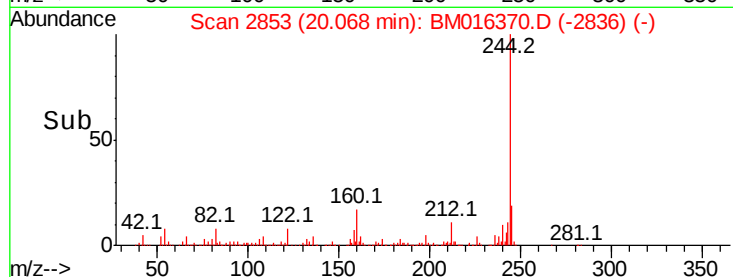
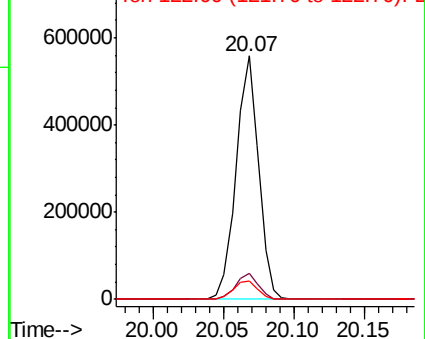
122 7.5 6.2 9.4



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. 0.01 min

Lab File: BM016370.D

Acq: 15 Aug 2018 02:17

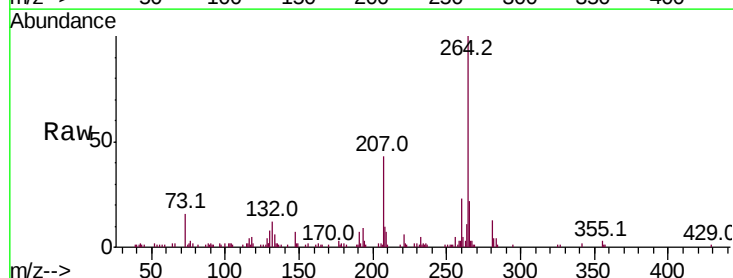
Tgt Ion:264 Resp: 100384

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.0 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

