

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016375.D
 Acq On : 15 Aug 2018 11:53
 Operator : SJ/JU
 Sample : PB112017BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BL

Quant Time: Aug 16 05:28:49 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	8.11	152	25780	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	92599	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	48117	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	104893	20.00	ng	0.00
75) Chrysene-d12	21.62	240	116877	20.00	ng	0.00
86) Perylene-d12	23.95	264	122492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	251412	162.00	ng	0.00
7) Phenol-d6	7.29	99	284734	140.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	216234	108.61	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	99307	162.72	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	430682	108.91	ng	0.00
78) Terphenyl-d14	20.07	244	747446	133.87	ng	0.00

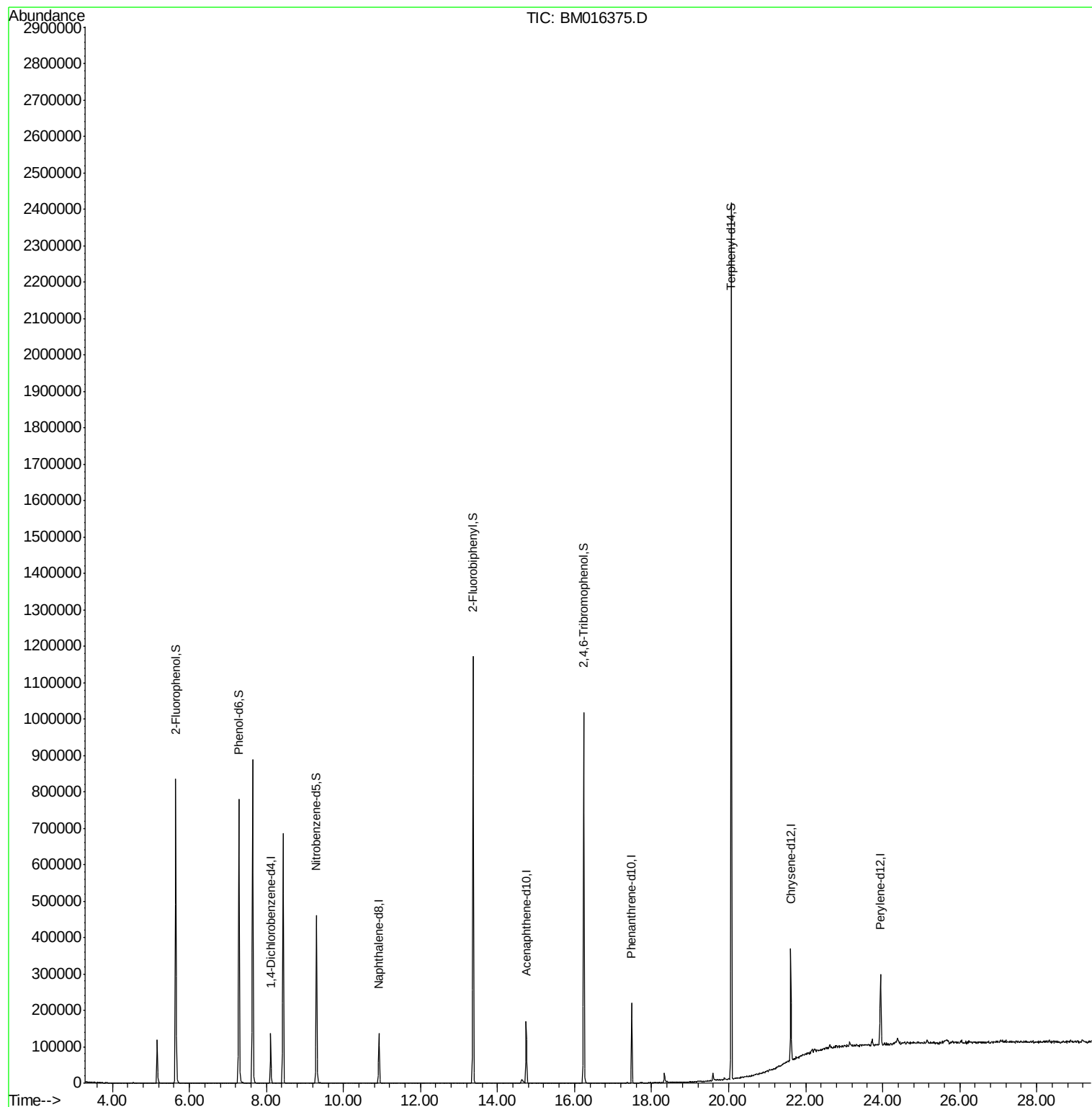
Target Compounds Qvalue

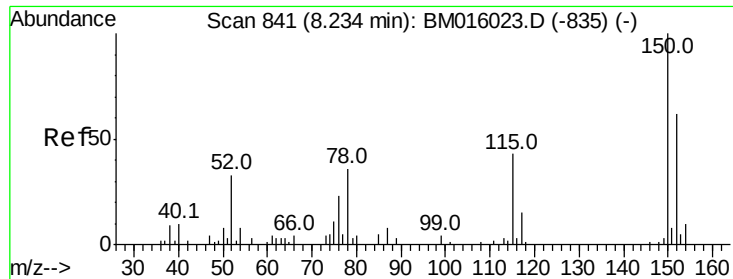
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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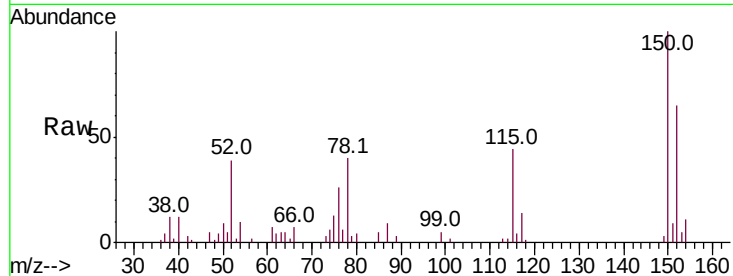


#1

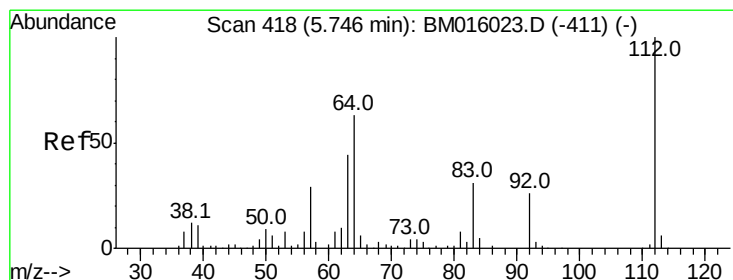
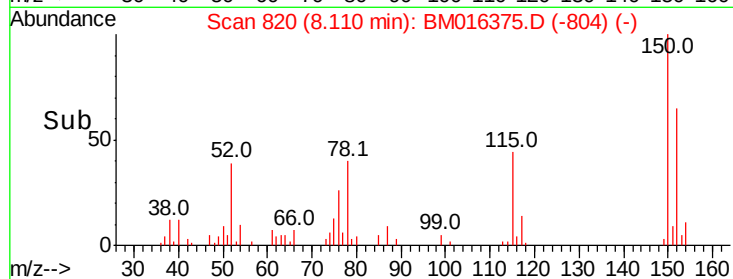
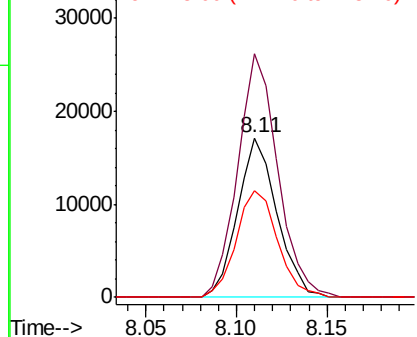
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BL

Tot Ion:152 Resp: 25780
 Ion Ratio Lower Upper
 152 100
 150 153.0 119.5 179.3
 115 67.2 43.0 64.4#



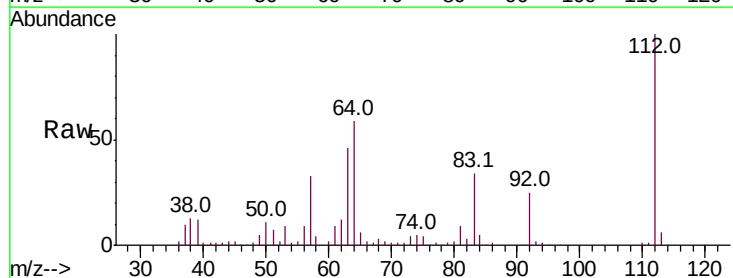
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



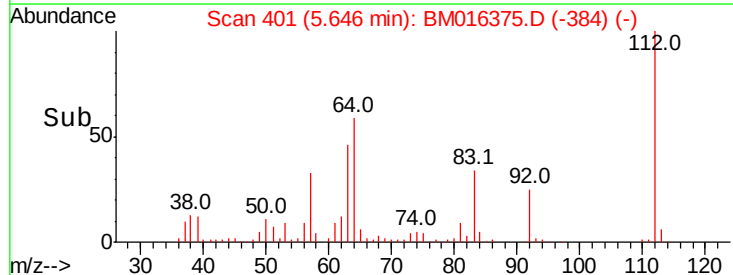
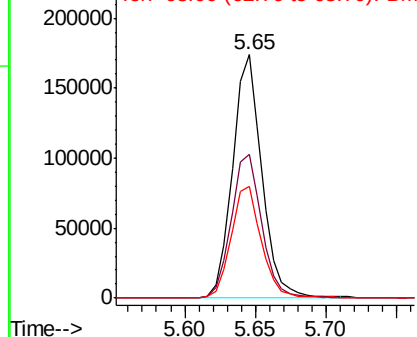
#5

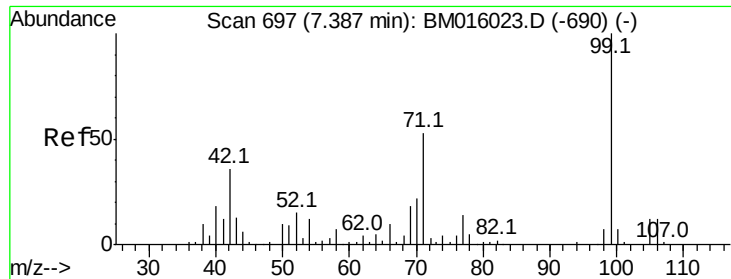
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

Tgt Ion:112 Resp: 251412
 Ion Ratio Lower Upper
 112 100
 64 59.0 38.6 57.8#
 63 46.0 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: BM016375.D

Acq: 15 Aug 2018 11:53

Instrument :

BNA_M

ClientSampleId :

PB112017BL

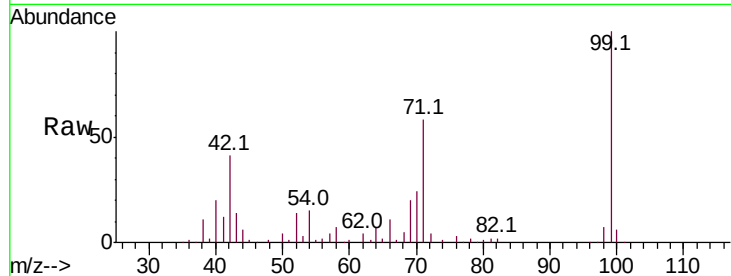
Tot Ion: 99 Resp: 284734

Ion Ratio Lower Upper

99 100

42 40.8 11.0 16.4#

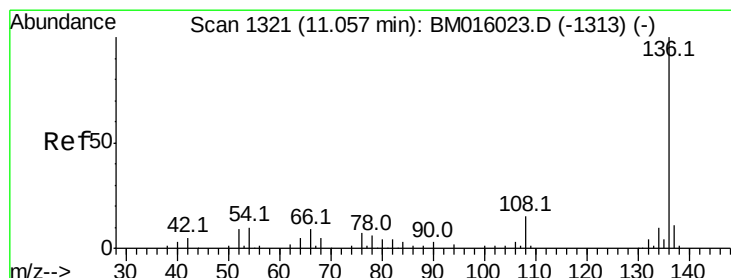
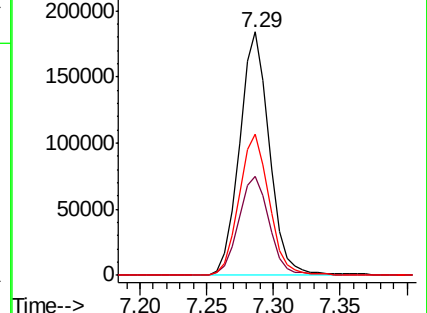
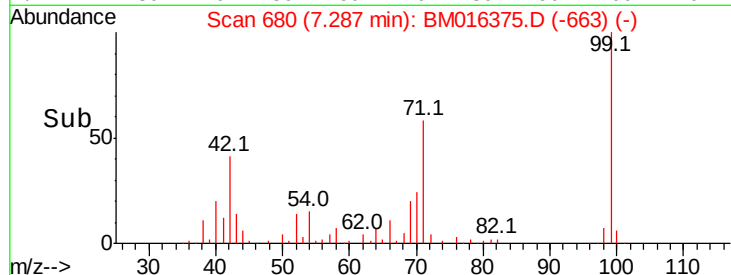
71 57.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016375.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016375.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016375.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016375.D

Acq: 15 Aug 2018 11:53

Tgt Ion: 136 Resp: 92599

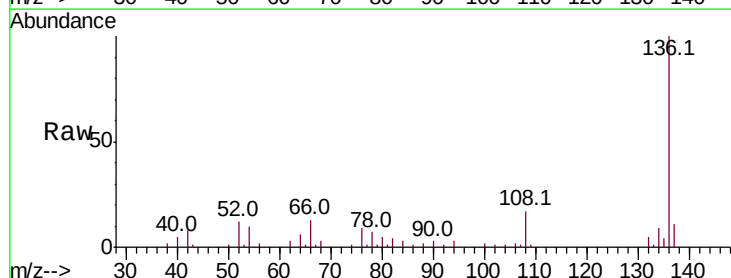
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.4 4.6 6.8#

68 3.4 3.7 5.5#

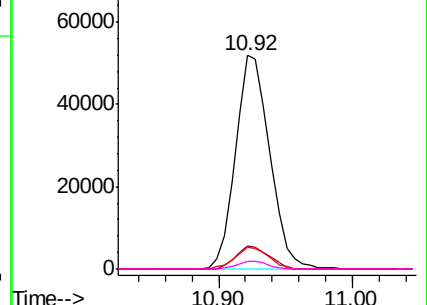
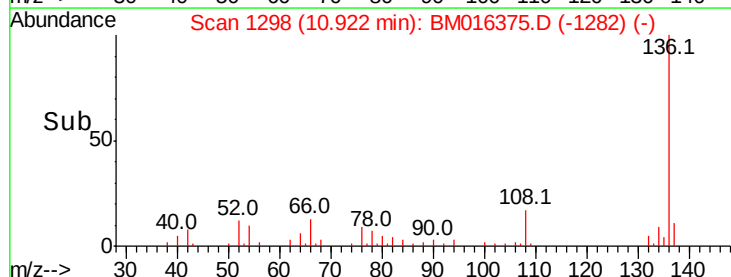


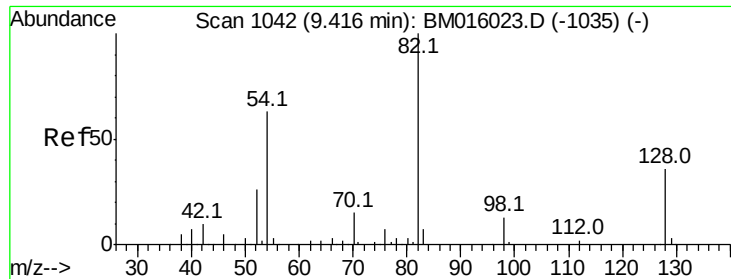
Abundance Ion 136.00 (135.70 to 136.70): BM016375.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016375.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016375.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016375.D (-1282) (-)

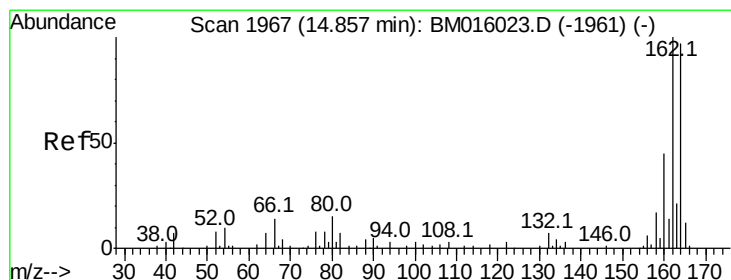
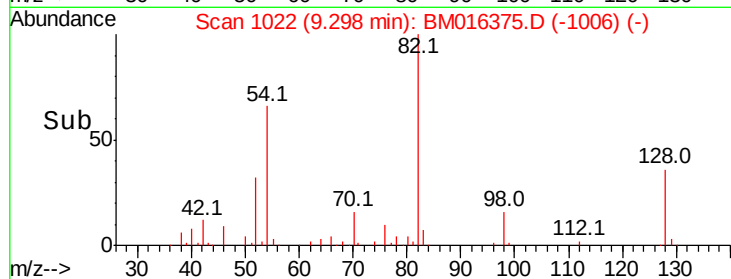
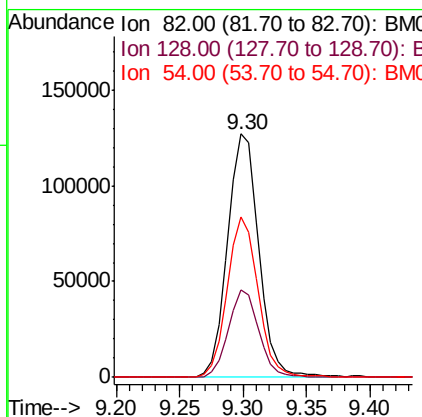
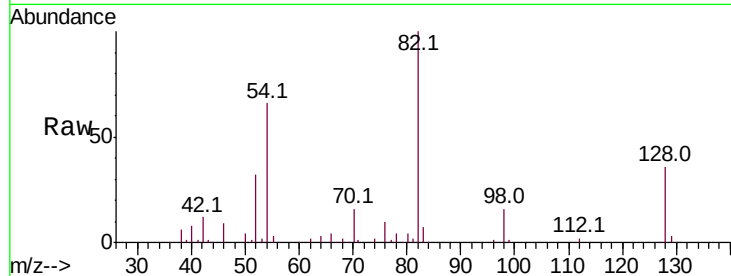




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

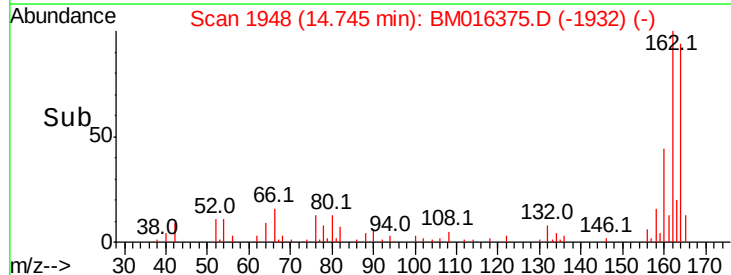
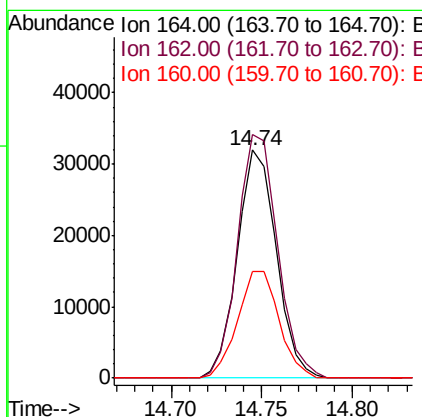
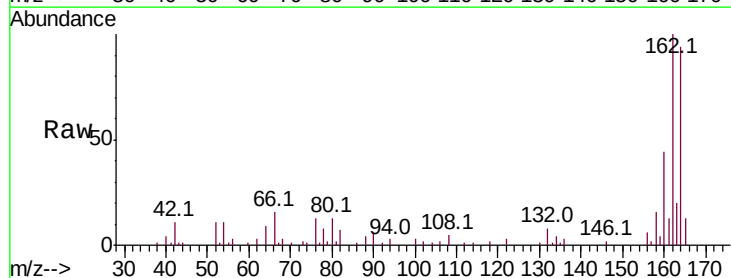
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BL

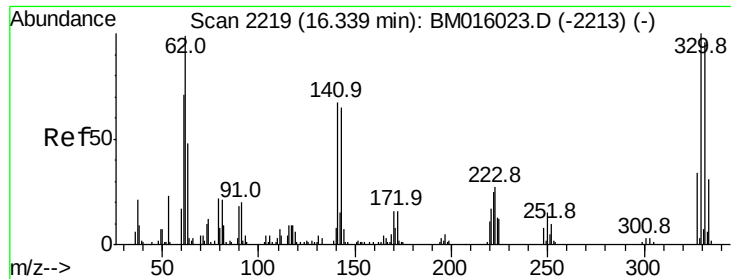
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	32.8	49.2
54	66.1	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.4	123.6
160	47.0	35.8	53.6

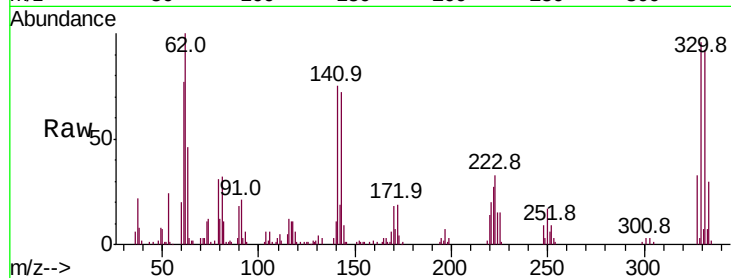




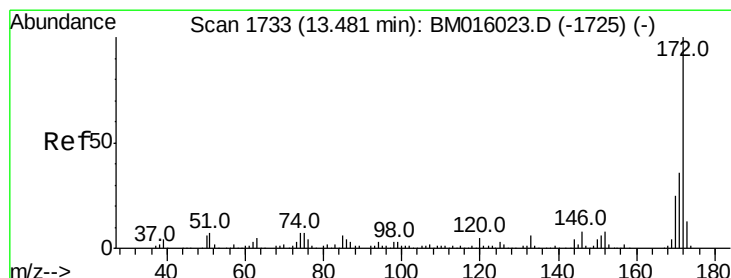
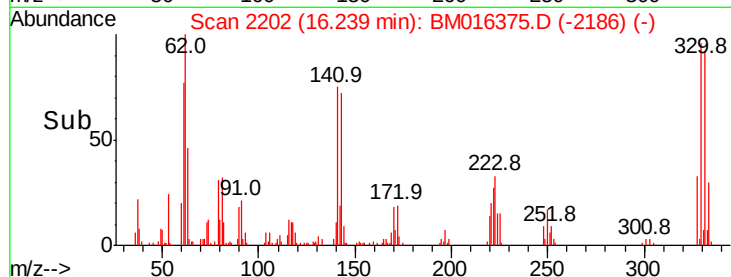
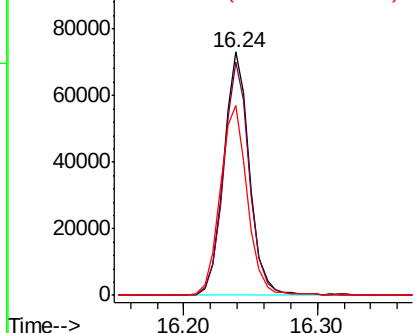
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	82.0	0.0	0.0#

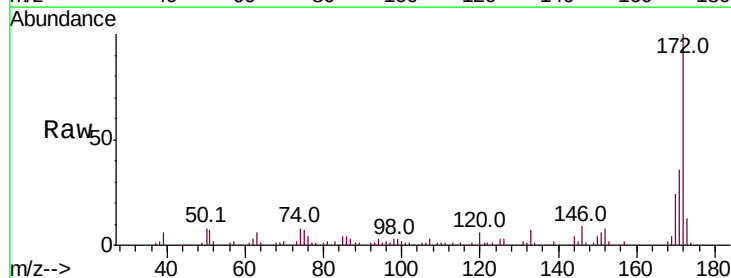


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

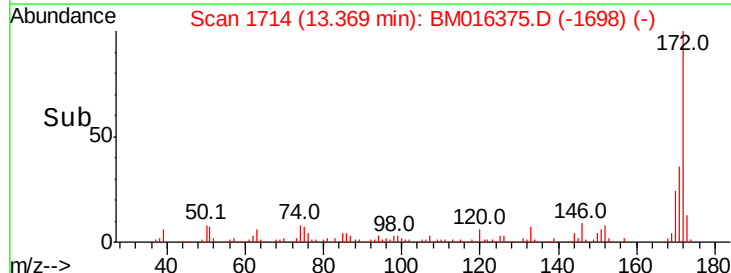
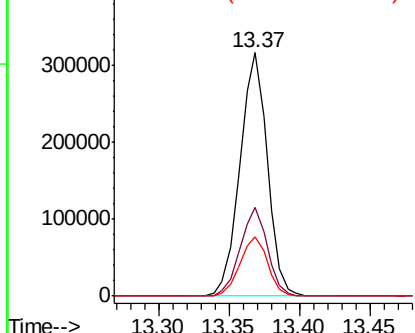


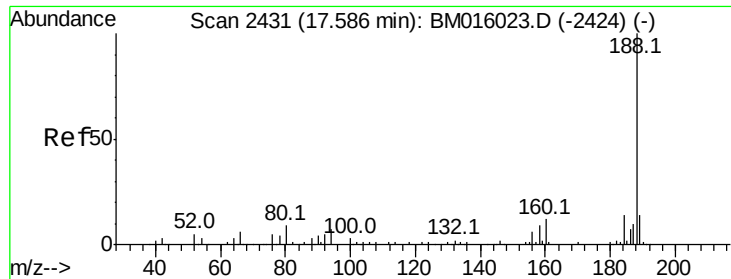
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016375.D
 Acq: 15 Aug 2018 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.2	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: BM016375.D

Acq: 15 Aug 2018 11:53

Instrument :

BNA_M

ClientSampleId :

PB112017BL

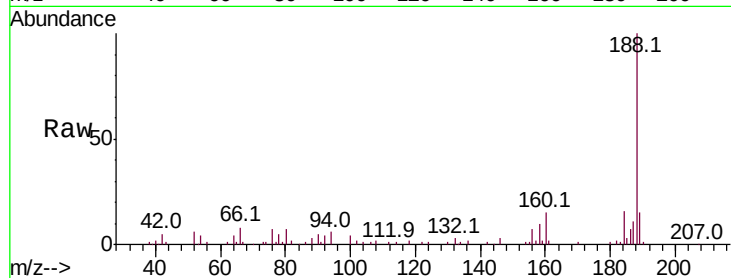
Tot Ion:188 Resp: 104893

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

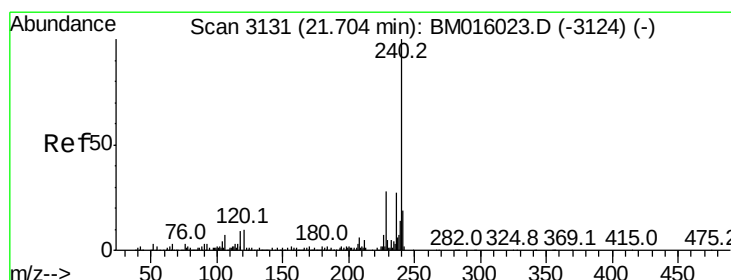
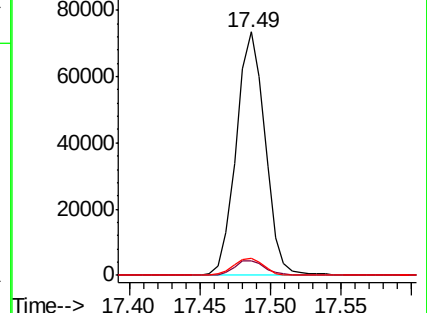
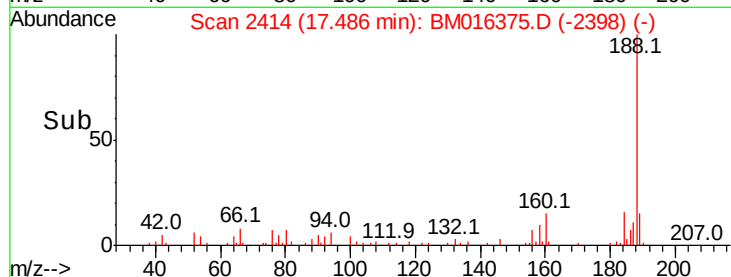
80 7.1 9.3 13.9#



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# 3116

Delta R.T. -0.01 min

Lab File: BM016375.D

Acq: 15 Aug 2018 11:53

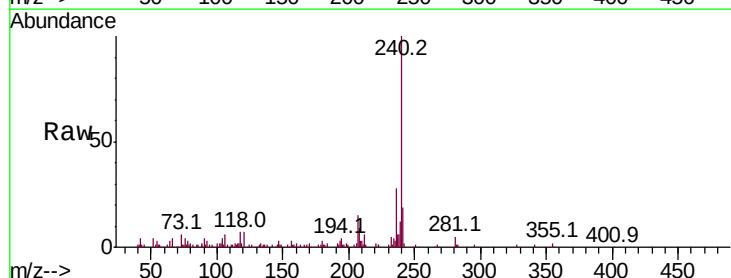
Tgt Ion:240 Resp: 116877

Ion Ratio Lower Upper

240 100

120 6.6 8.2 12.2#

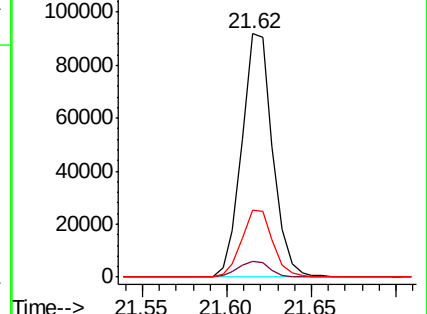
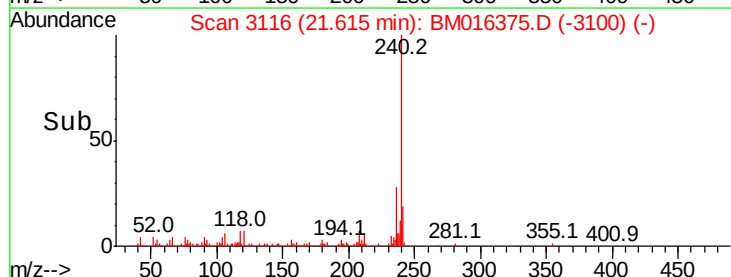
236 27.7 20.0 30.0

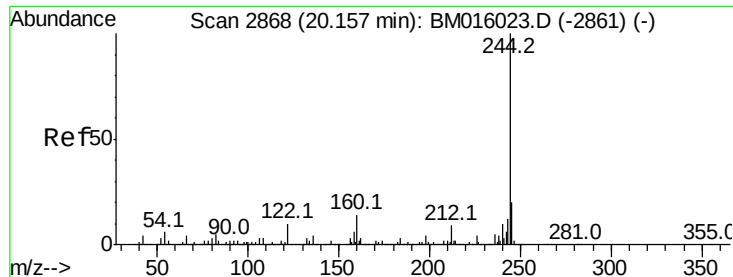


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016375.D

Acq: 15 Aug 2018 11:53

Instrument :

BNA_M

ClientSampleId :

PB112017BL

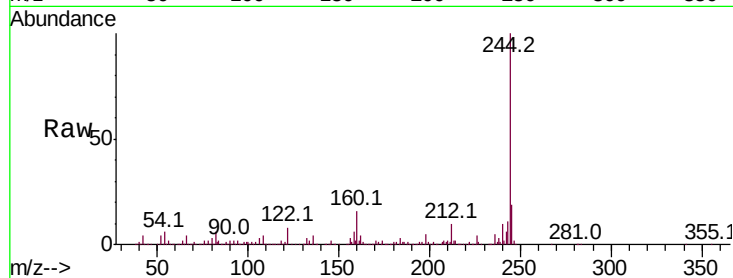
Tot Ion:244 Resp: 747446

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

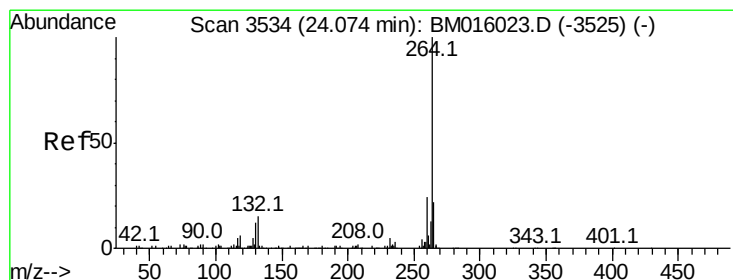
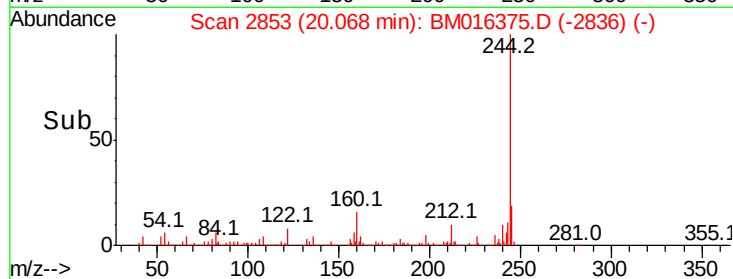
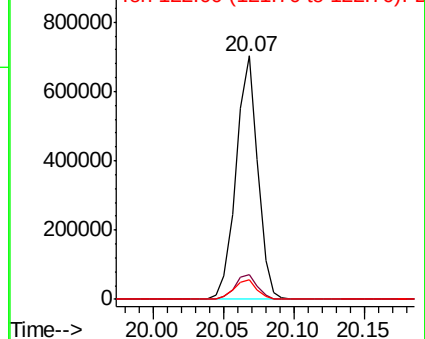
122 7.9 6.2 9.4



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: 23.95 min Scan# 3513

Delta R.T. 0.01 min

Lab File: BM016375.D

Acq: 15 Aug 2018 11:53

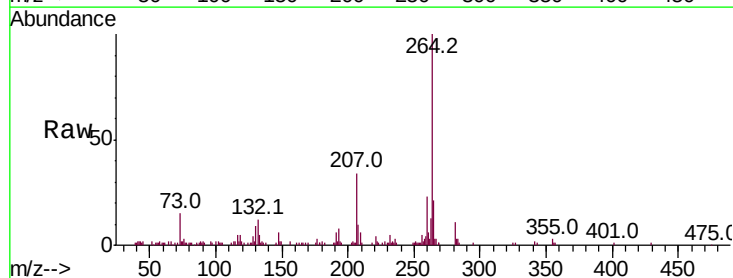
Tgt Ion:264 Resp: 122492

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.4 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

