

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016376.D
 Acq On : 15 Aug 2018 12:29
 Operator : SJ/JU
 Sample : PB112015BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BL

Quant Time: Aug 16 05:33:00 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	23696	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	84051	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	43442	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	96167	20.00	ng	0.00
75) Chrysene-d12	21.62	240	109596	20.00	ng	0.00
86) Perylene-d12	23.94	264	116638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	166388	116.64	ng	0.00
7) Phenol-d6	7.29	99	193779	104.02	ng	0.00
23) Nitrobenzene-d5	9.30	82	151779	83.99	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	65806	119.43	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	291082	81.53	ng	0.00
78) Terphenyl-d14	20.07	244	495995	94.74	ng	0.00

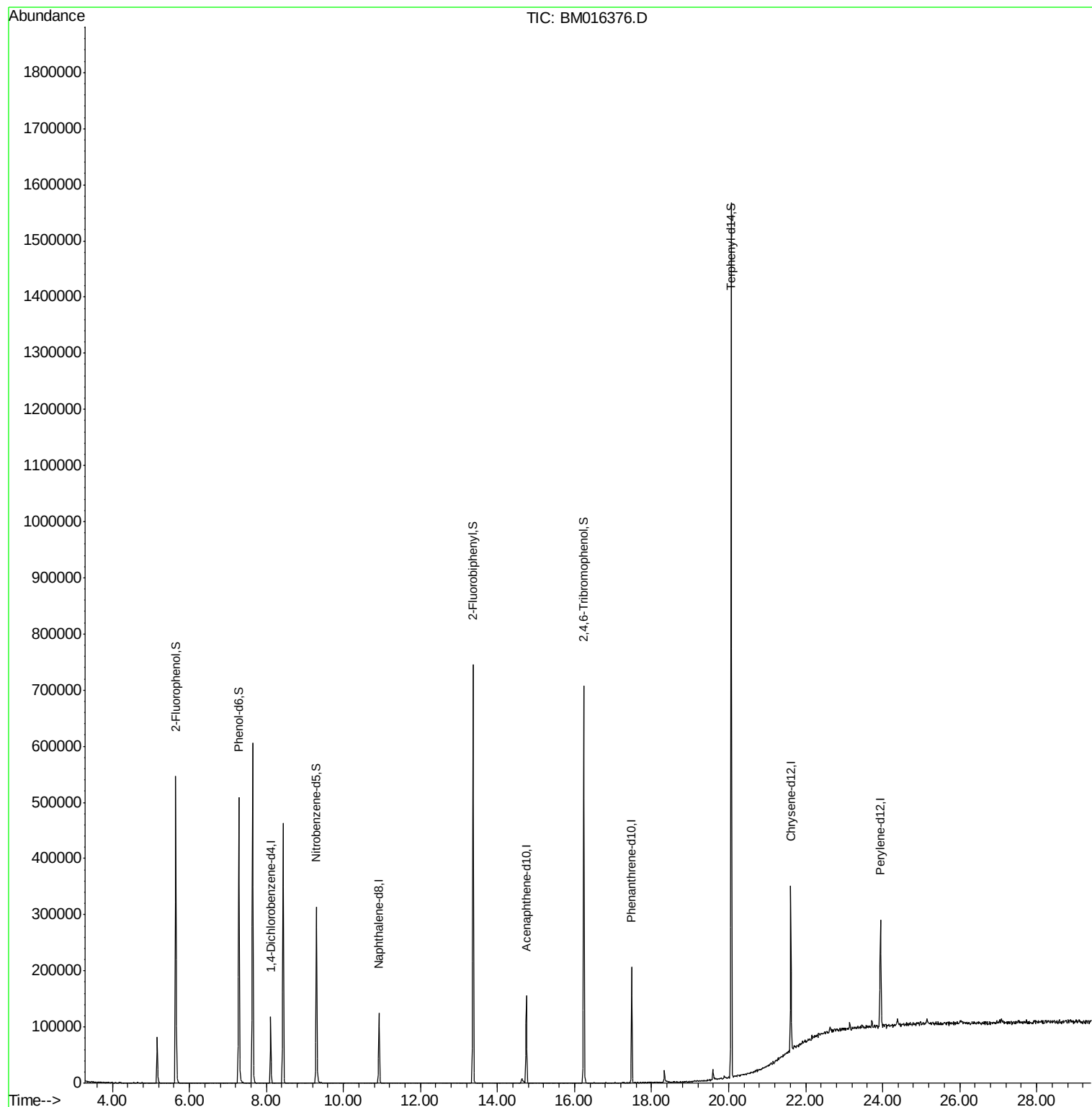
Target Compounds Qvalue

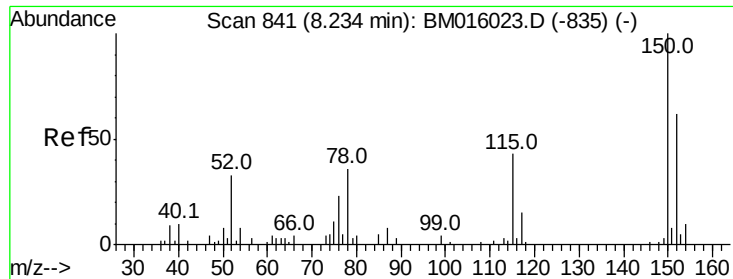
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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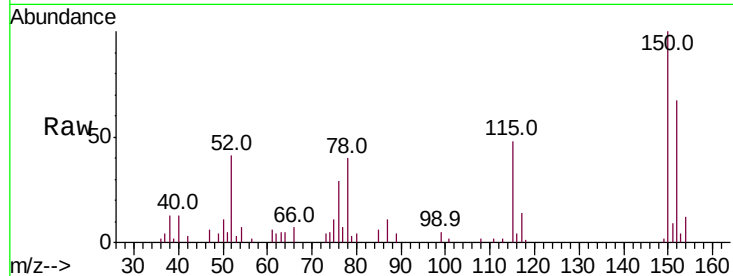


#1

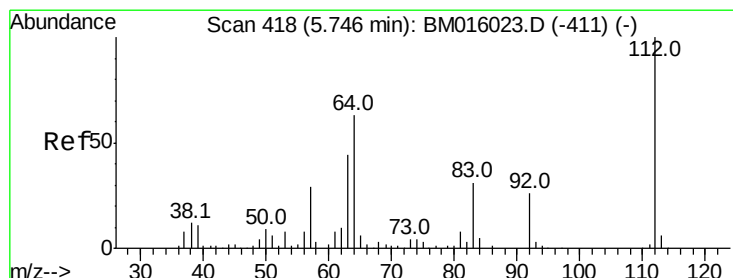
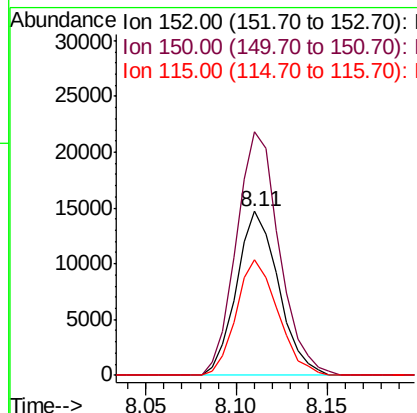
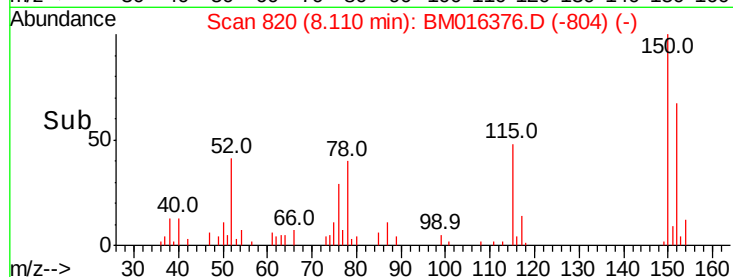
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016376.D
Acq: 15 Aug 2018 12:29

Instrument :
BNA_M
ClientSampleId :
PB112015BL

Tot Ion:152 Resp: 23696
Ion Ratio Lower Upper
152 100
150 148.8 119.5 179.3
115 71.0 43.0 64.4#



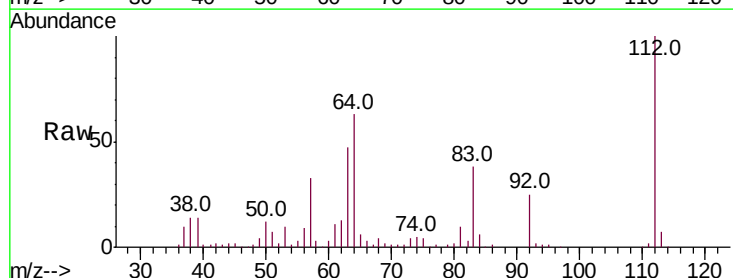
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



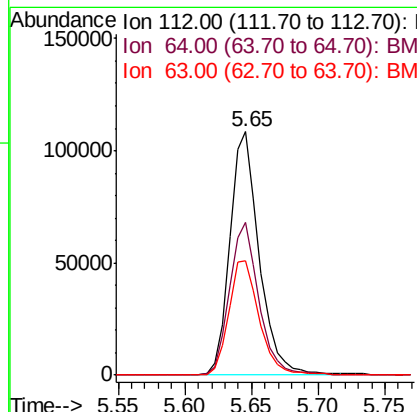
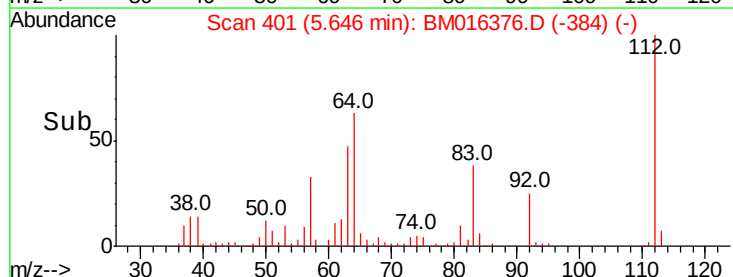
#5

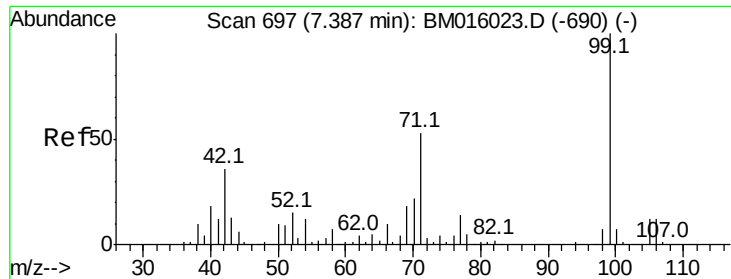
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BM016376.D
Acq: 15 Aug 2018 12:29

Tgt Ion:112 Resp: 166388
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 47.0 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: BM016376.D

Acq: 15 Aug 2018 12:29

Instrument :

BNA_M

ClientSampleId :

PB112015BL

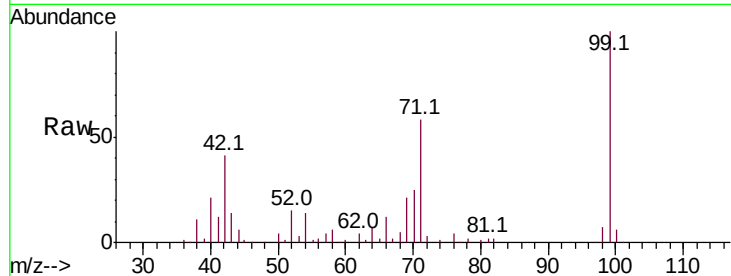
Tot Ion: 99 Resp: 193779

Ion Ratio Lower Upper

99 100

42 41.2 11.0 16.4#

71 58.5 23.4 35.2#

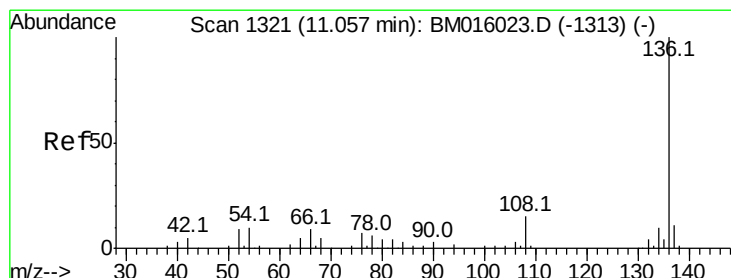
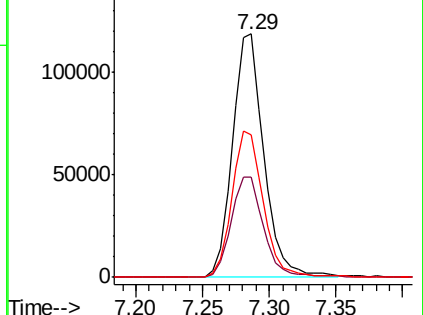
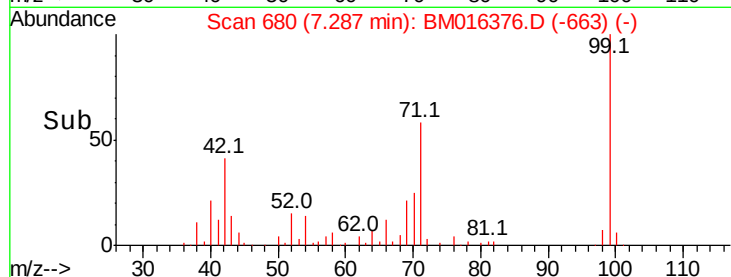


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016376.D

Acq: 15 Aug 2018 12:29

Tgt Ion: 136 Resp: 84051

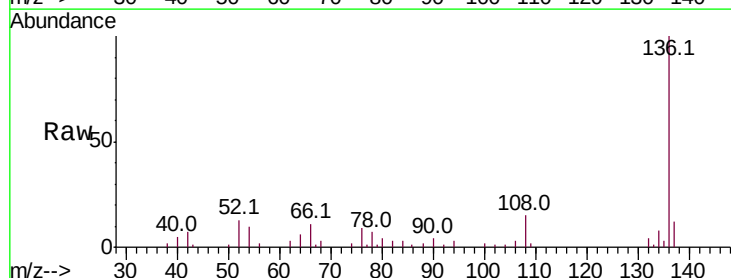
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 10.2 4.6 6.8#

68 3.2 3.7 5.5#



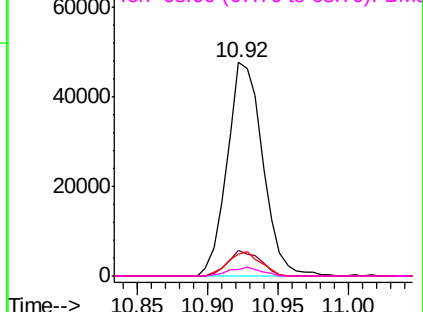
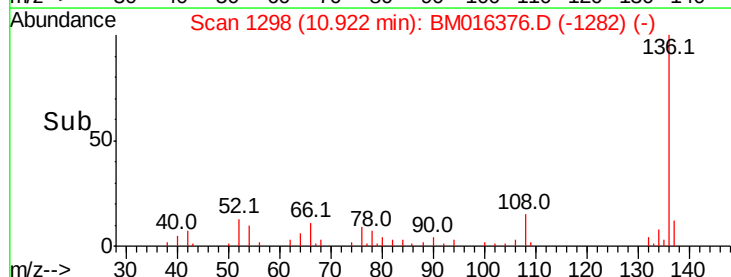
Abundance

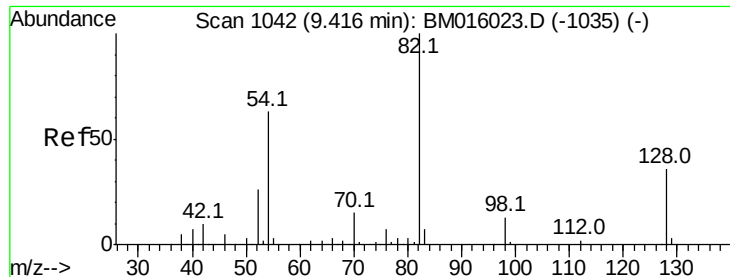
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

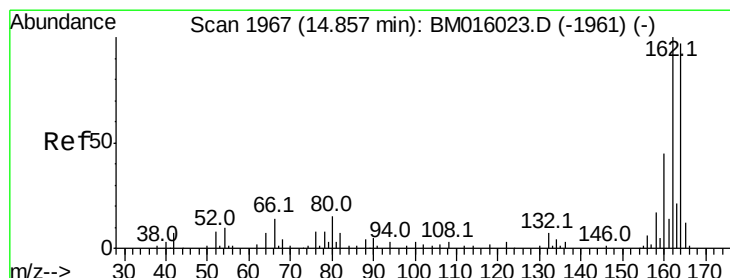
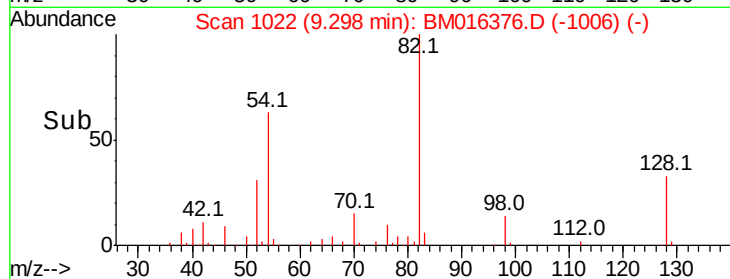
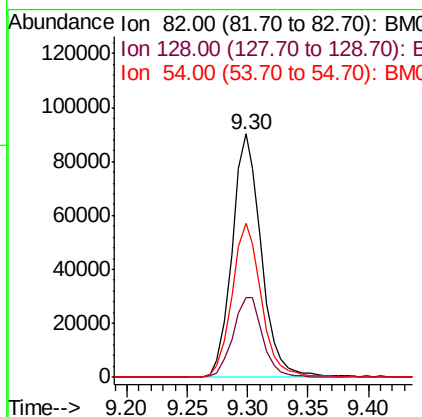
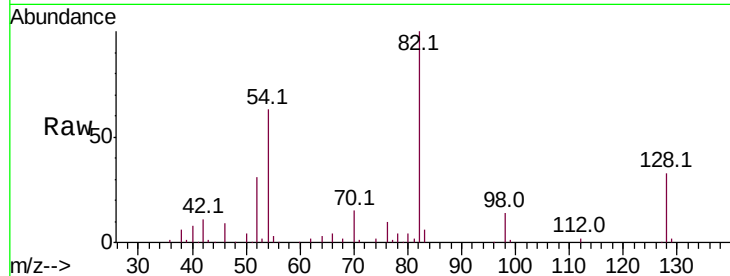




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016376.D
 Acq: 15 Aug 2018 12:29

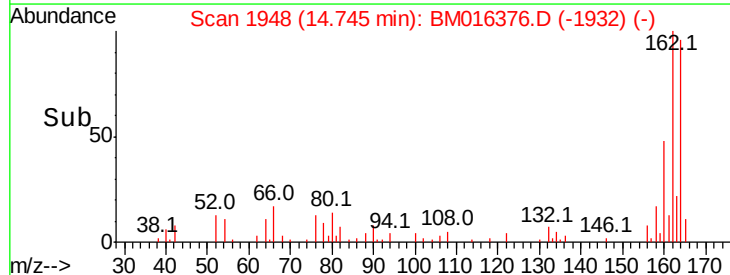
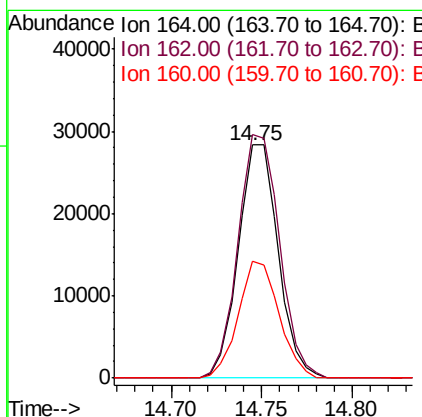
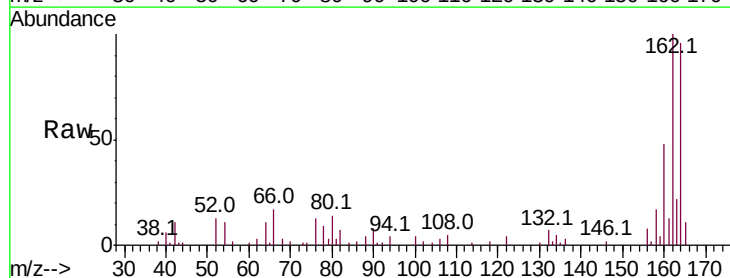
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BL

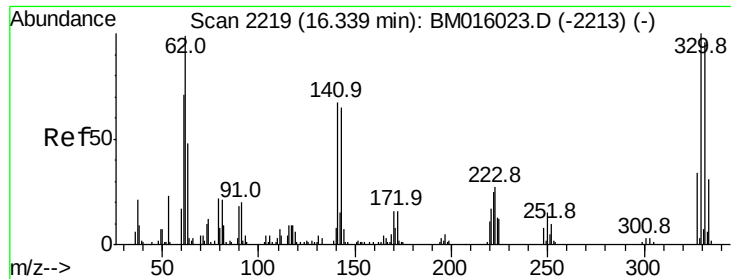
Tot Ion	82	Resp	151779
Ion Ratio	Lower	Upper	
82	100		
128	33.0	32.8	49.2
54	63.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016376.D
 Acq: 15 Aug 2018 12:29

Tgt Ion	164	Resp	43442
Ion Ratio	Lower	Upper	
164	100		
162	104.4	82.4	123.6
160	49.9	35.8	53.6

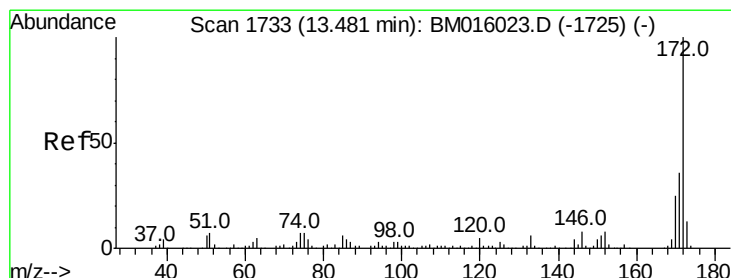
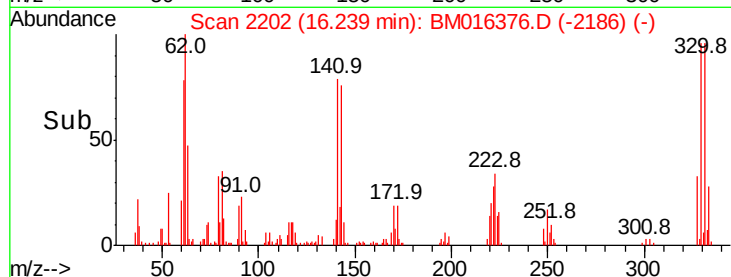
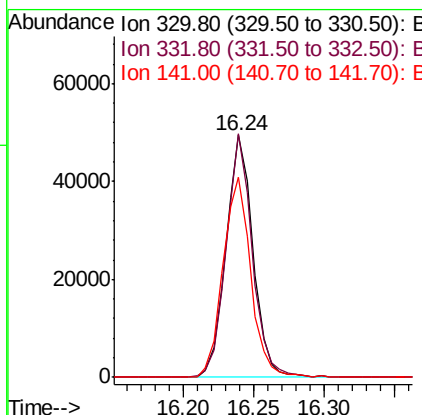
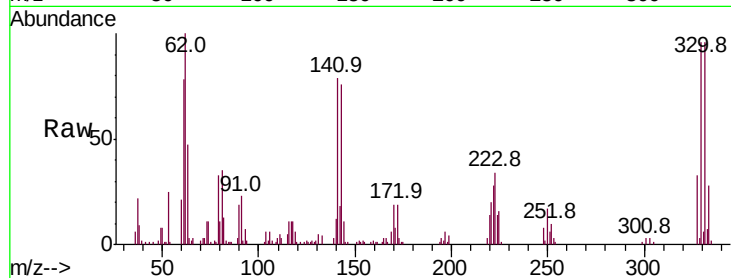




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016376.D
 Acq: 15 Aug 2018 12:29

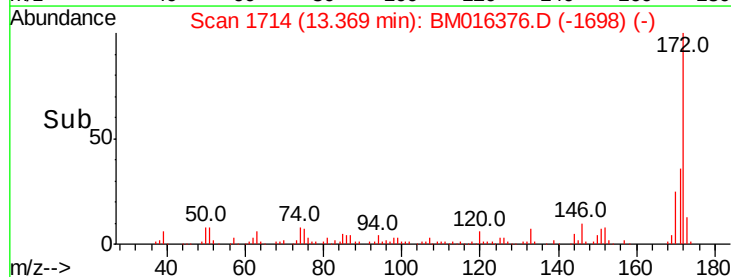
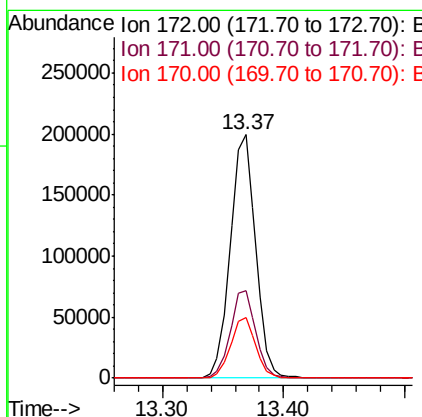
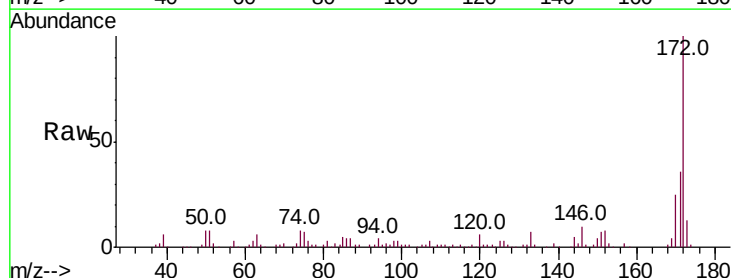
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BL

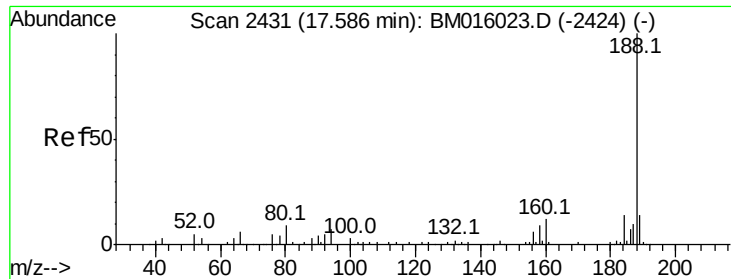
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	84.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016376.D
 Acq: 15 Aug 2018 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.8	18.8	28.2

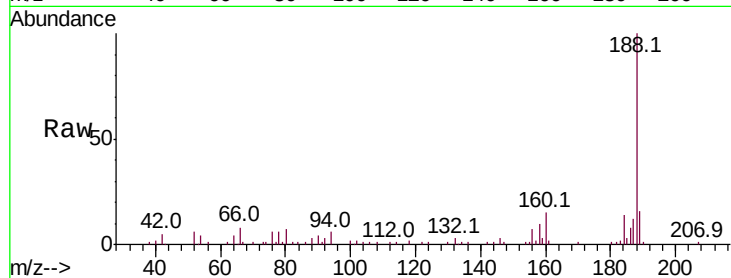




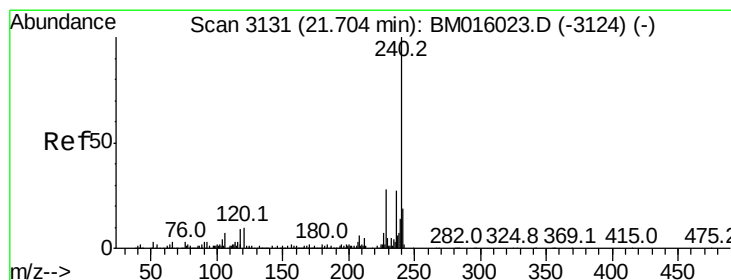
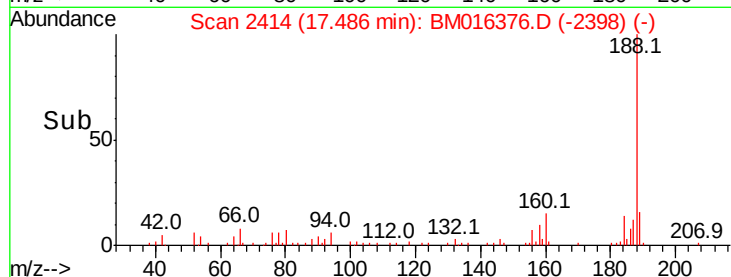
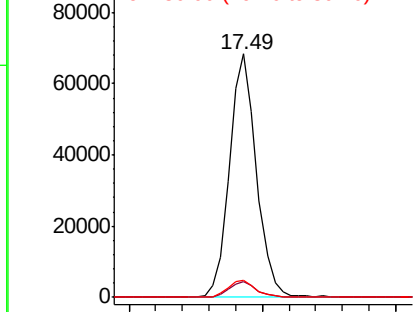
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016376.D
Acq: 15 Aug 2018 12:29

Instrument :
BNA_M
ClientSampleId :
PB112015BL

Tot Ion:188 Resp: 96167
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 7.1 9.3 13.9#

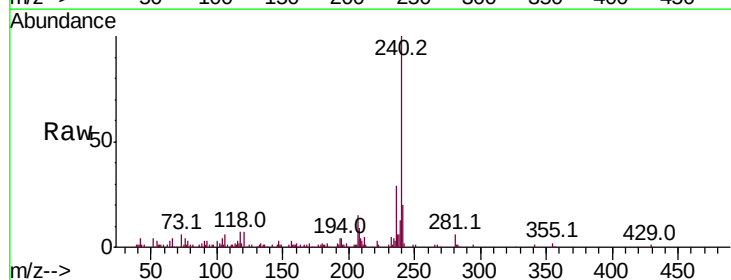


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

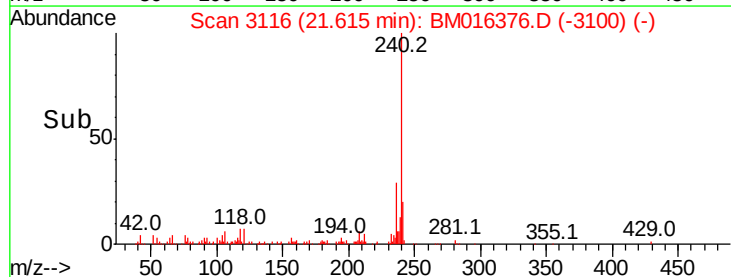
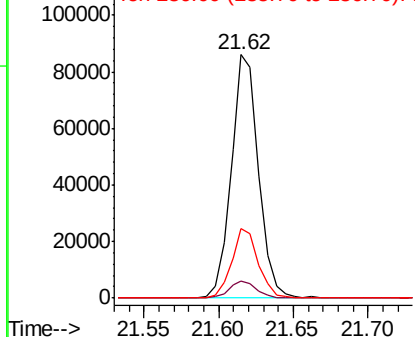


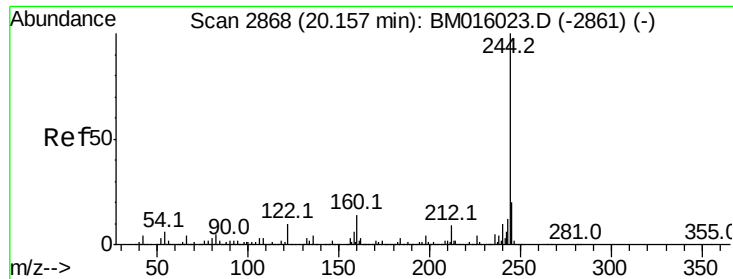
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016376.D
Acq: 15 Aug 2018 12:29

Tgt Ion:240 Resp: 109596
Ion Ratio Lower Upper
240 100
120 6.9 8.2 12.2#
236 28.5 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: BM016376.D

Acq: 15 Aug 2018 12:29

Instrument :

BNA_M

ClientSampleId :

PB112015BL

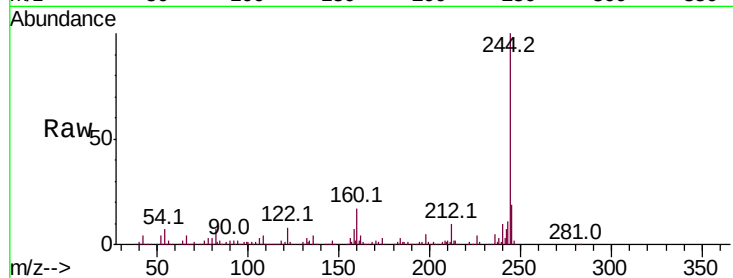
Tot Ion:244 Resp: 495995

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

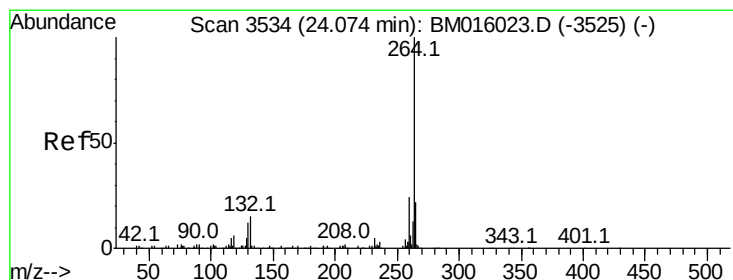
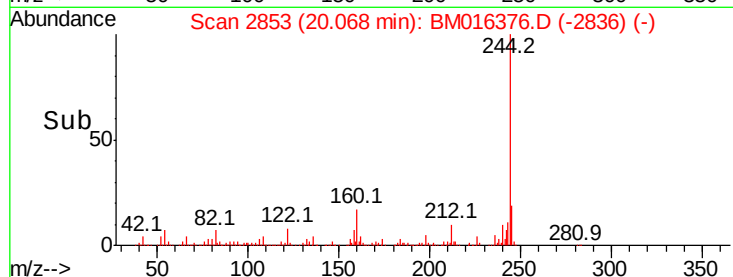
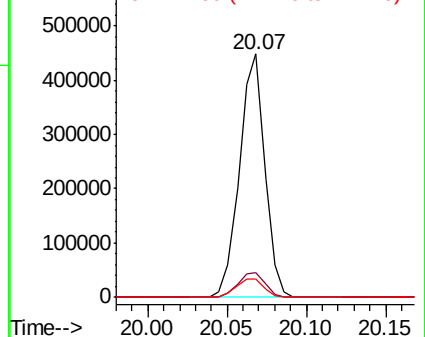
122 7.6 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016376.D

Acq: 15 Aug 2018 12:29

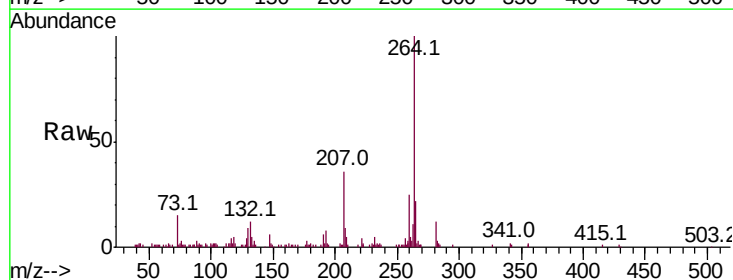
Tgt Ion:264 Resp: 116638

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 21.7 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

