

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016581.D
 Acq On : 24 Aug 2018 10:51
 Operator : SJ/JU
 Sample : PB112310BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112310BL

Quant Time: Aug 24 22:11:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	116377	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	365528	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	269879	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	881875	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1032207	20.00	ng	0.00
86) Perylene-d12	23.82	264	1124870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	747503	125.87	ng	0.00
7) Phenol-d6	7.18	99	922518	117.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	753173	94.08	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1091887	144.73	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2664458	94.90	ng	0.00
78) Terphenyl-d14	19.98	244	6479770	132.87	ng	0.00

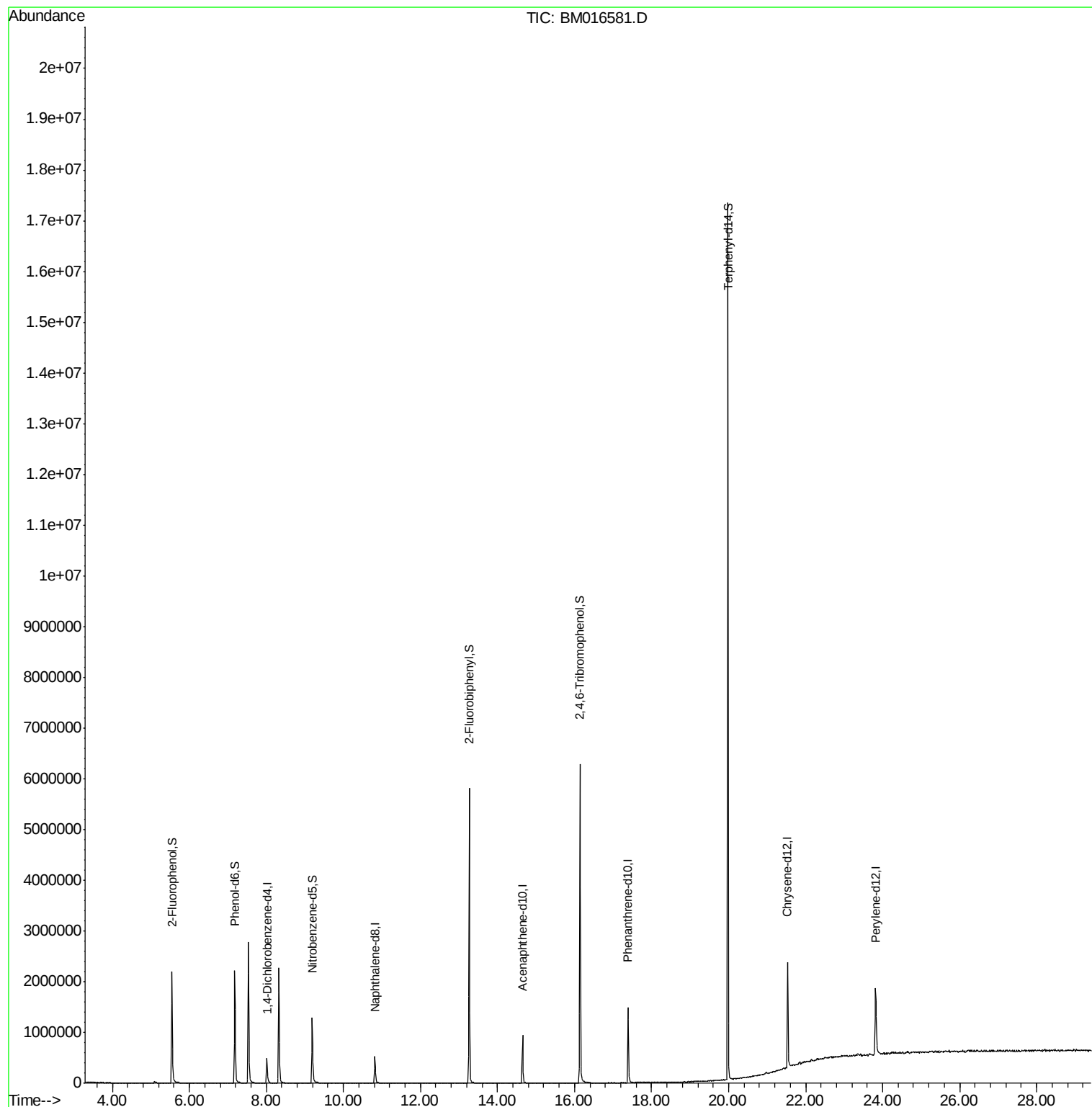
Target Compounds Qvalue

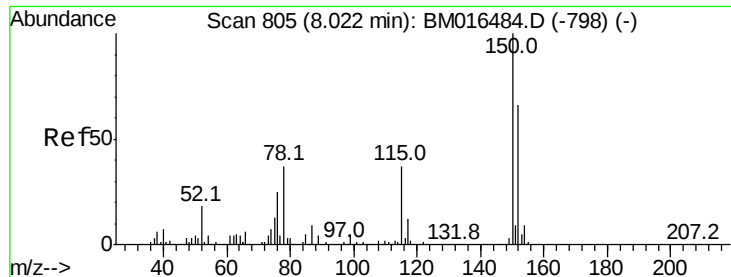
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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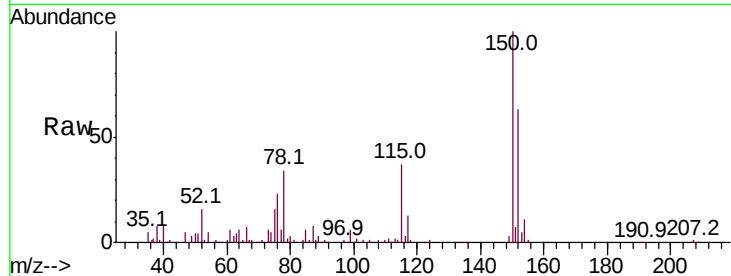


#1

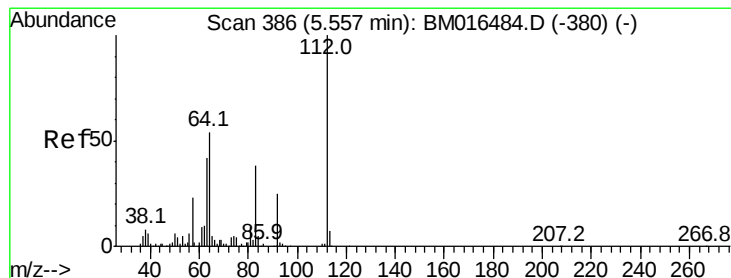
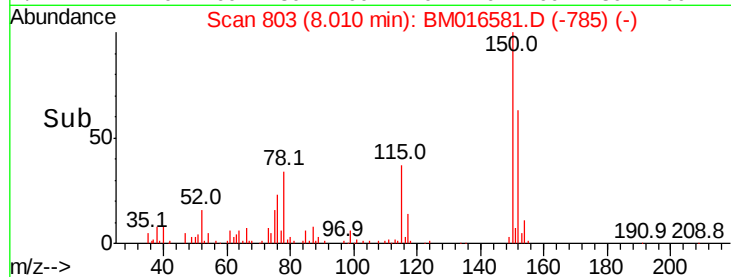
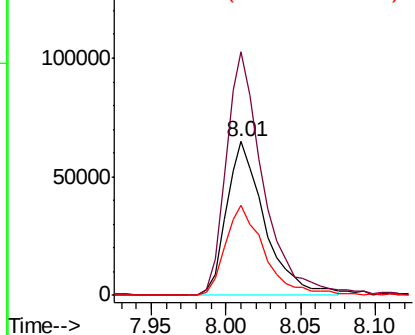
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016581.D
Acq: 24 Aug 2018 10:51

Instrument :
BNA_M
ClientSampleId :
PB112310BL

Tot Ion:152 Resp: 116377
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 58.2 43.0 64.4



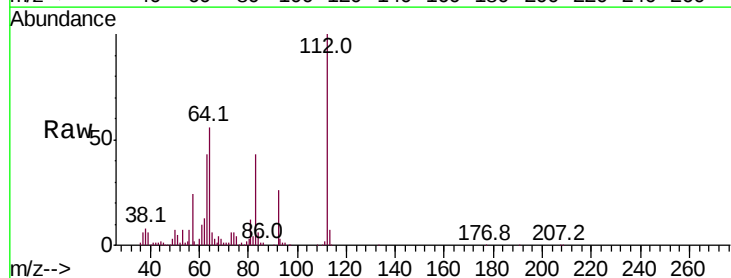
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



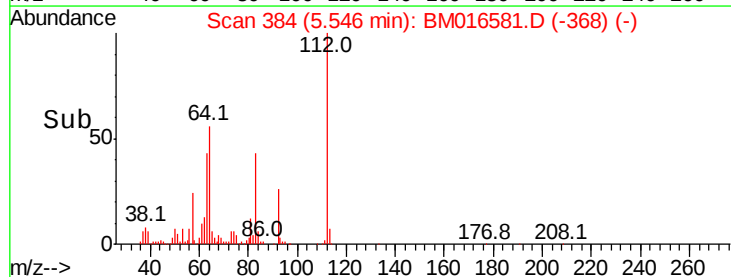
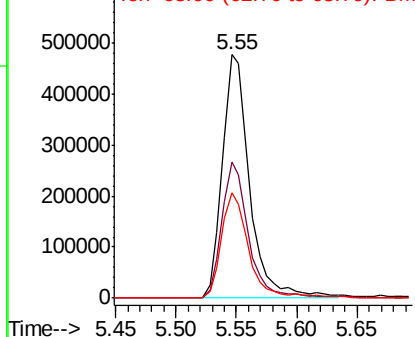
#5

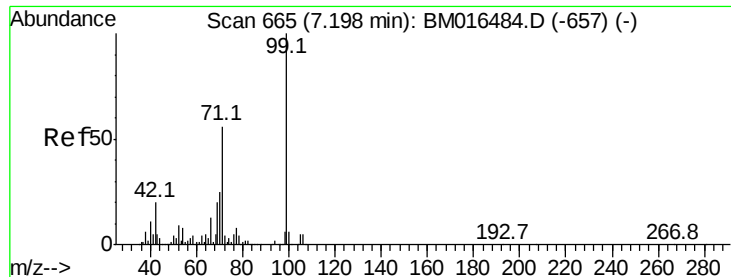
2-Fluorophenol
Concen: 125.866 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM016581.D
Acq: 24 Aug 2018 10:51

Tgt Ion:112 Resp: 747503
Ion Ratio Lower Upper
112 100
64 56.1 38.6 57.8
63 43.2 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: 117.387 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM016581.D

Acq: 24 Aug 2018 10:51

Instrument :

BNA_M

ClientSampleId :

PB112310BL

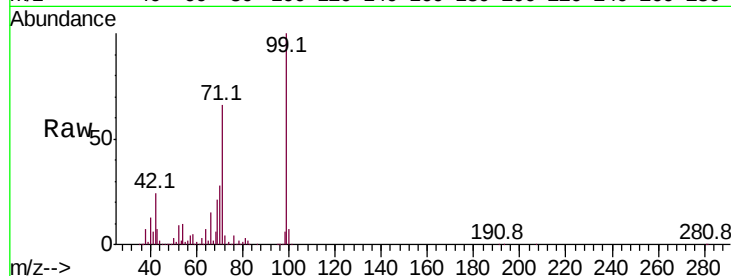
Tot Ion: 99 Resp: 922518

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

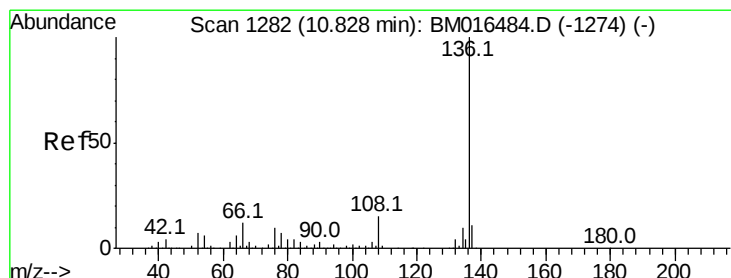
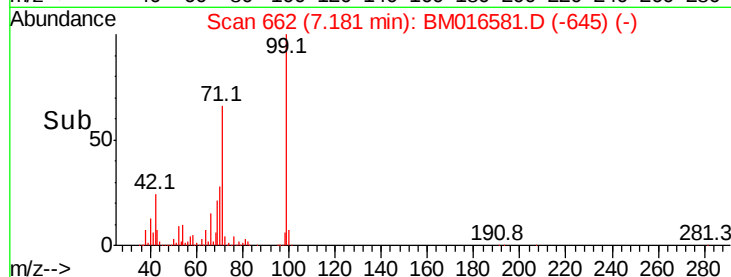
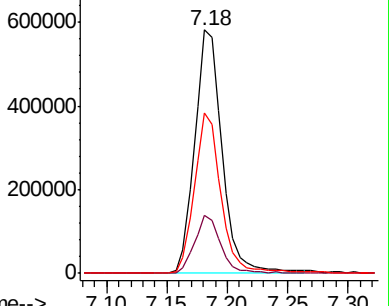
71 65.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016581.D

Acq: 24 Aug 2018 10:51

Tgt Ion: 136 Resp: 365528

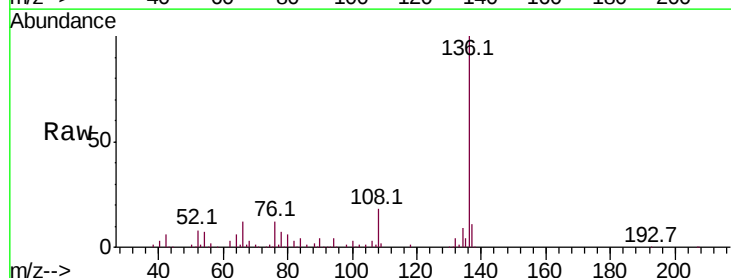
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.1 4.6 6.8#

68 3.3 3.7 5.5#

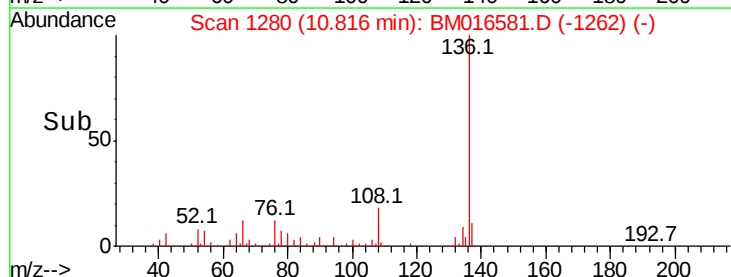
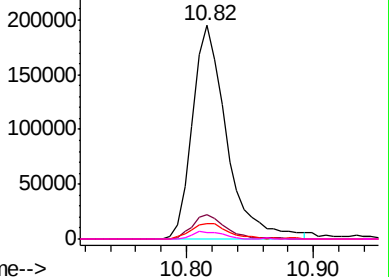


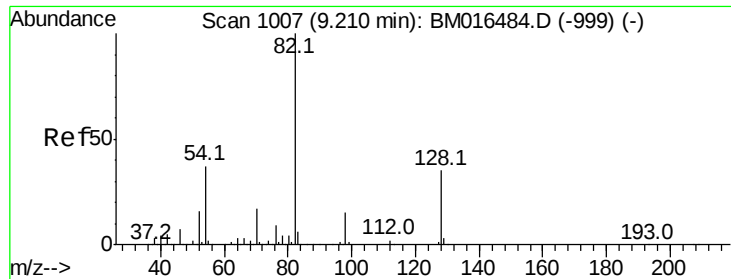
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

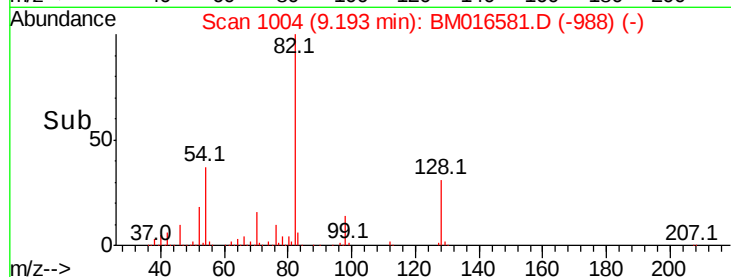
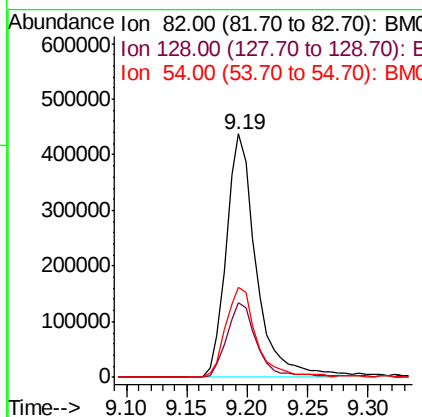
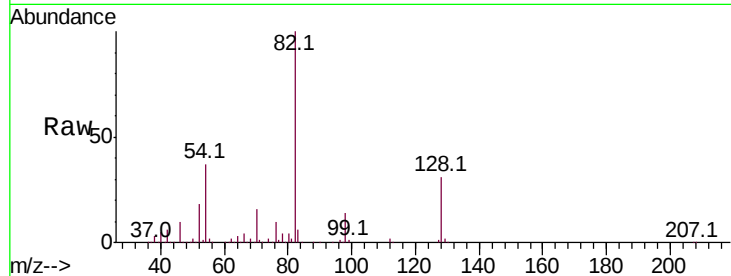




#23
 Nitrobenzene-d5
 Concen: 94.081 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM016581.D
 Acq: 24 Aug 2018 10:51

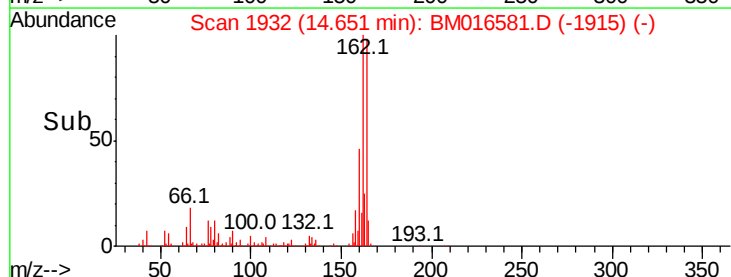
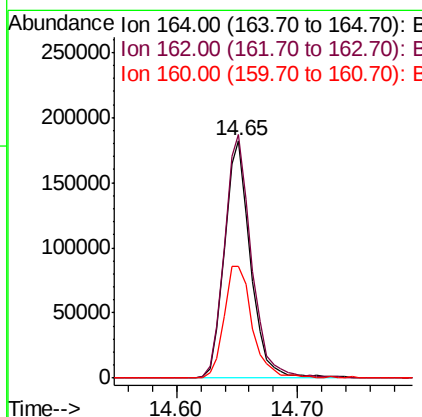
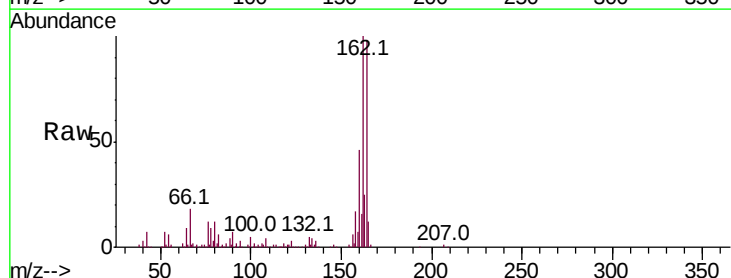
Instrument :
 BNA_M
 ClientSampleId :
 PB112310BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.5	32.8	49.2#
54	36.8	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BM016581.D
 Acq: 24 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	47.3	35.8	53.6

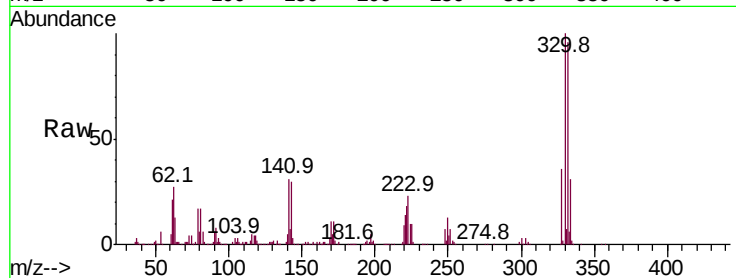




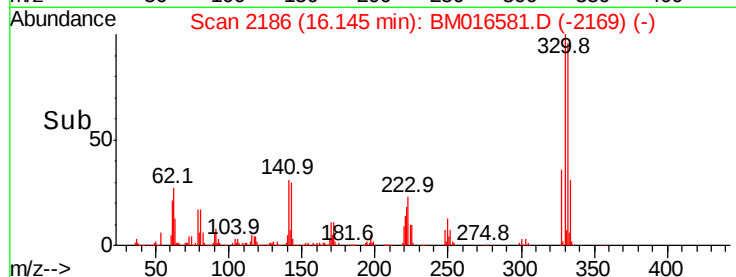
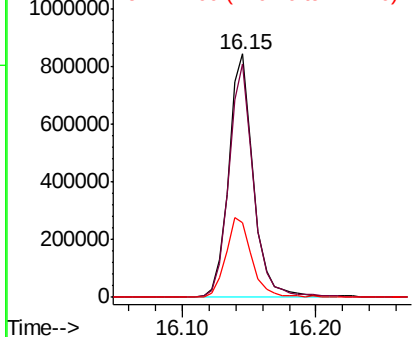
#41
2,4,6-Tribromophenol
Concen: 144.731 ng
RT: 16.15 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BM016581.D
Acq: 24 Aug 2018 10:51

Instrument :
BNA_M
ClientSampled :
PB112310BL

Tot Ion:330 Resp: 1091887
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 34.7 0.0 0.0#

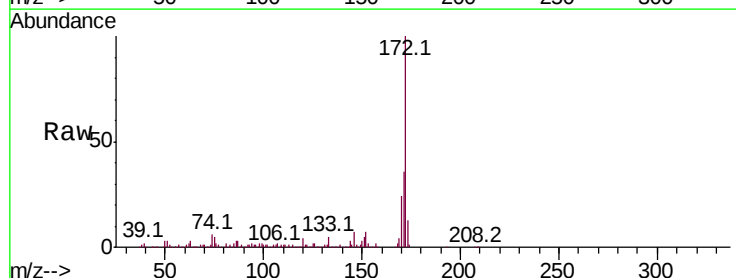


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

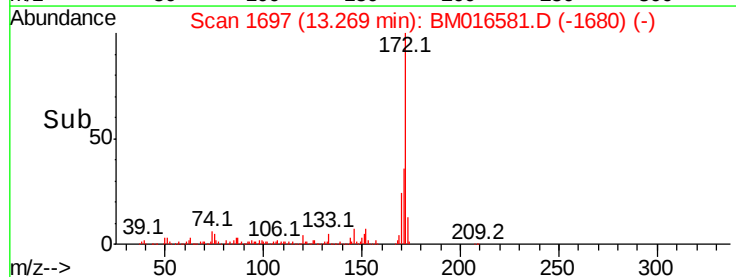
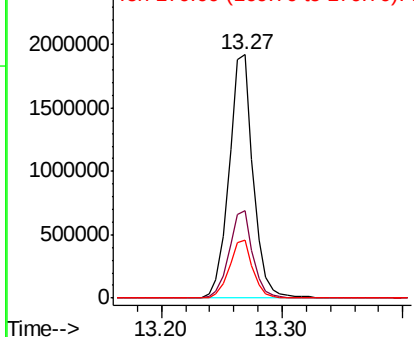


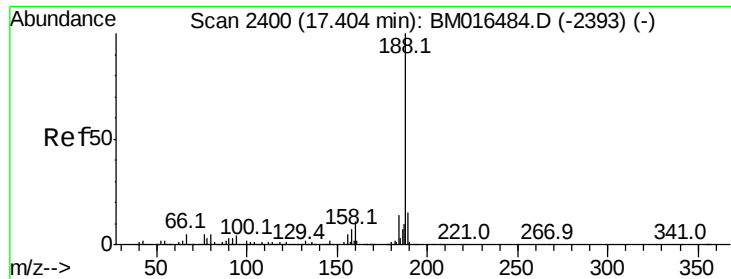
#44
2-Fluorobiphenyl
Concen: 94.900 ng
RT: 13.27 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BM016581.D
Acq: 24 Aug 2018 10:51

Tgt Ion:172 Resp: 2664458
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.8 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

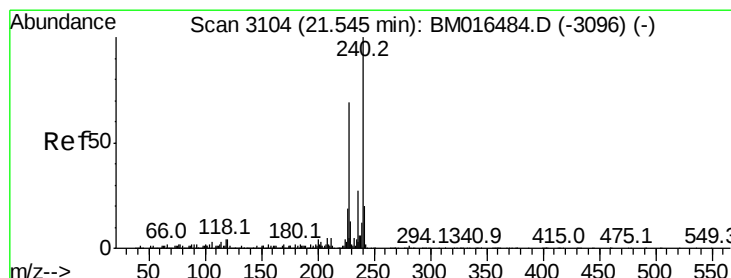
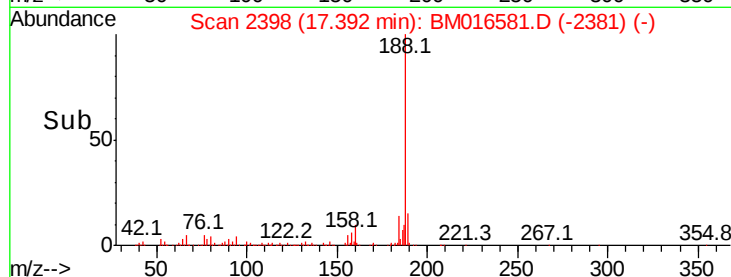
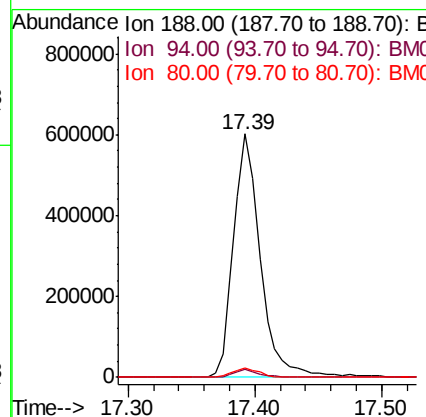
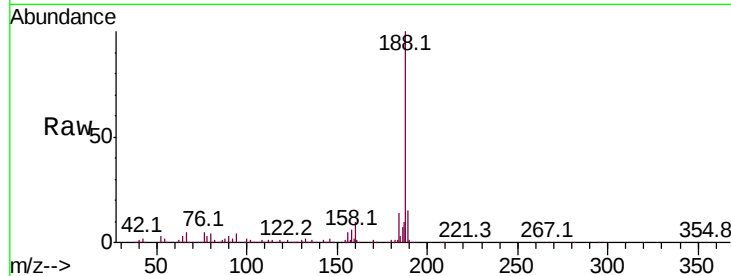




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM016581.D
 Acq: 24 Aug 2018 10:51

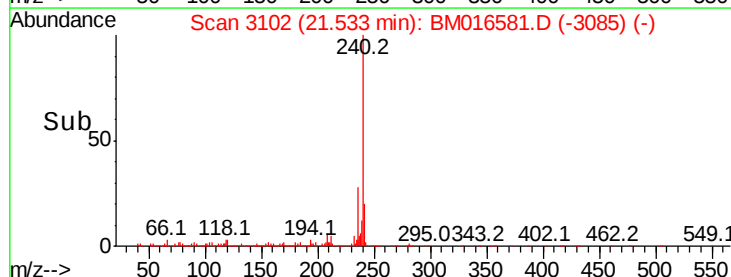
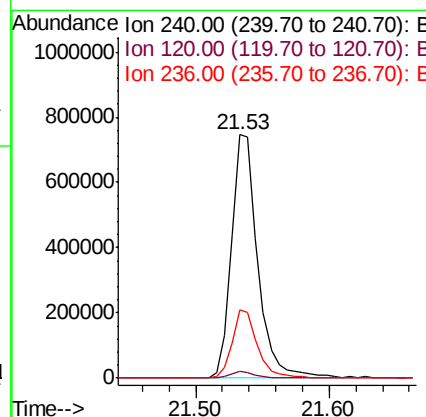
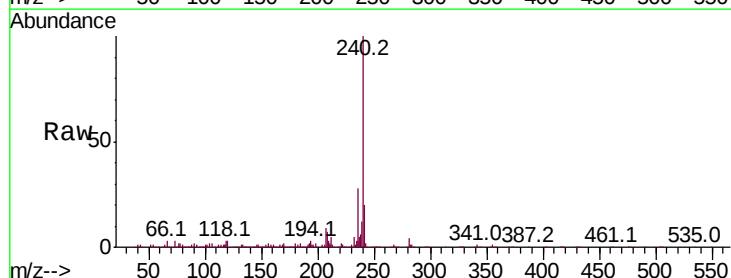
Instrument :
 BNA_M
 ClientSampleId :
 PB112310BL

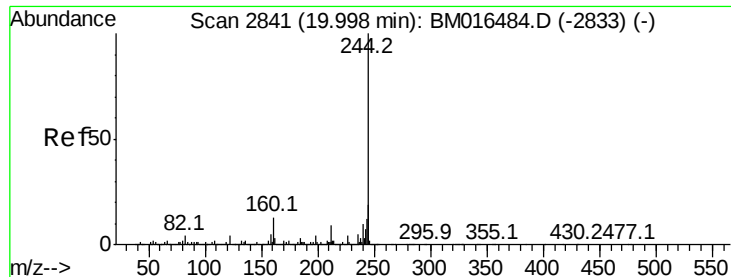
Tot Ion:188 Resp: 881875
 Ion Ratio Lower Upper
 188 100
 94 3.5 8.7 13.1#
 80 3.9 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016581.D
 Acq: 24 Aug 2018 10:51

Tgt Ion:240 Resp: 1032207
 Ion Ratio Lower Upper
 240 100
 120 2.8 8.2 12.2#
 236 27.9 20.0 30.0





#78

Terphenyl-d14

Concen: 132.870 ng

RT: 19.98 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BM016581.D

Acq: 24 Aug 2018 10:51

Instrument :

BNA_M

ClientSampleId :

PB112310BL

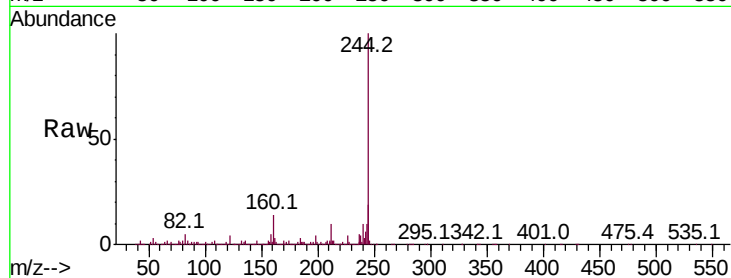
Tot Ion:244 Resp: 6479770

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

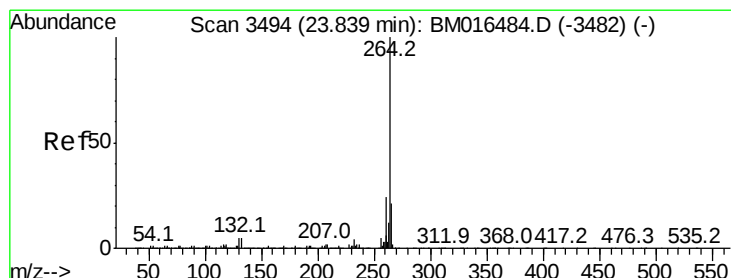
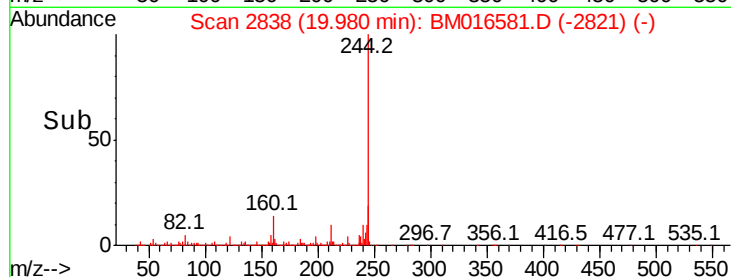
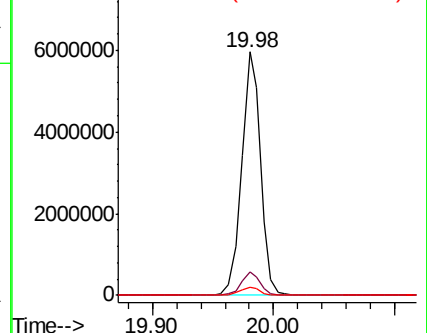
122 3.6 6.2 9.4#



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: 23.82 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BM016581.D

Acq: 24 Aug 2018 10:51

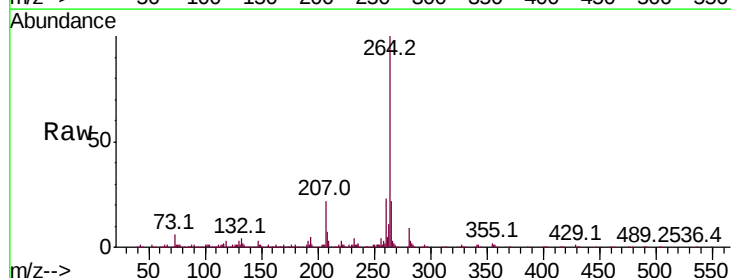
Tgt Ion:264 Resp: 1124870

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.6 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

