

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016582.D
 Acq On : 24 Aug 2018 11:27
 Operator : SJ/JU
 Sample : PB112310TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112310TB

Quant Time: Aug 24 22:13:10 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	97865	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	313591	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	241636	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	810530	20.00	ng	0.00
75) Chrysene-d12	21.53	240	972753	20.00	ng	0.00
86) Perylene-d12	23.81	264	1064793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	661592	132.47	ng	0.00
7) Phenol-d6	7.19	99	810375	122.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	676242	98.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	957625	141.77	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2319986	92.29	ng	0.00
78) Terphenyl-d14	19.98	244	6147909	133.77	ng	0.00

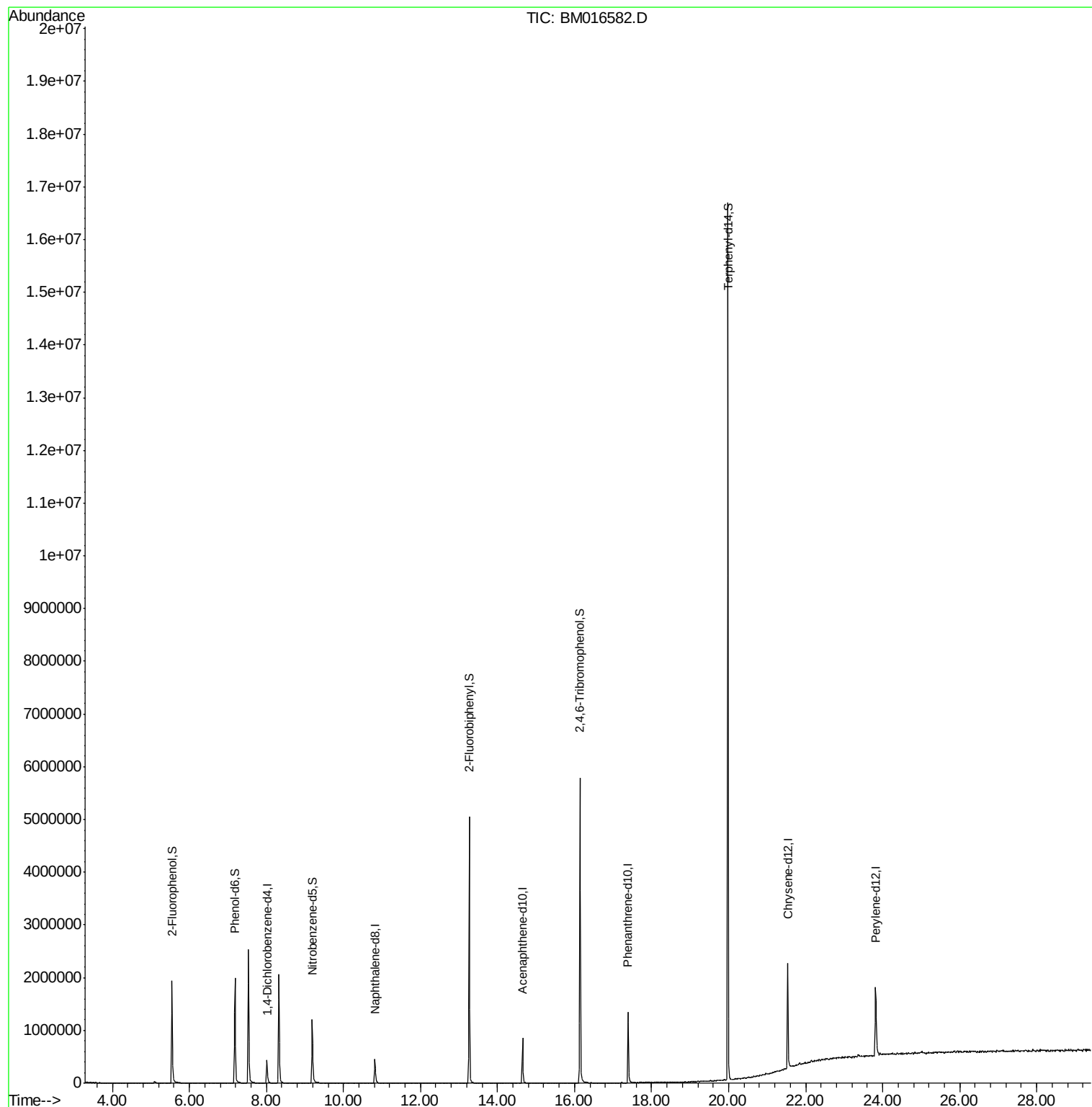
Target Compounds Qvalue

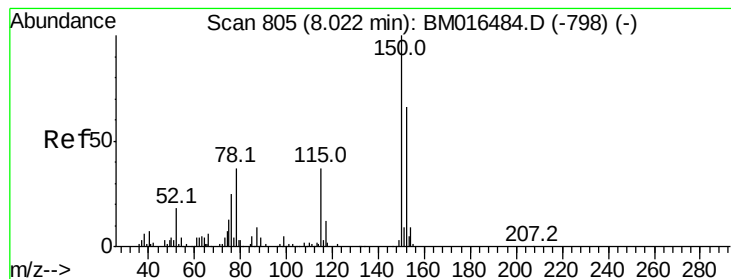
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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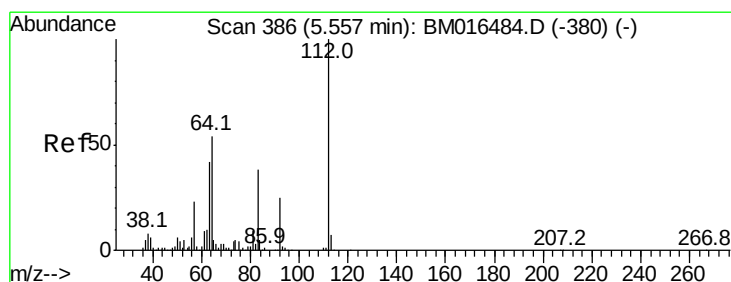
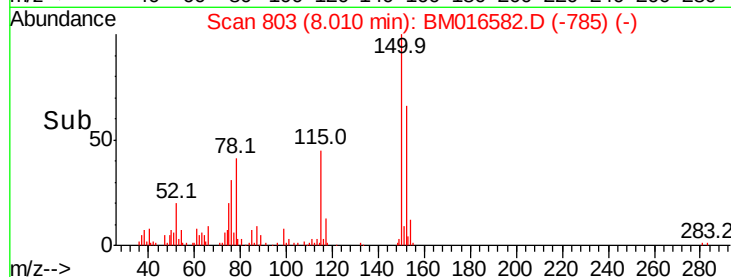
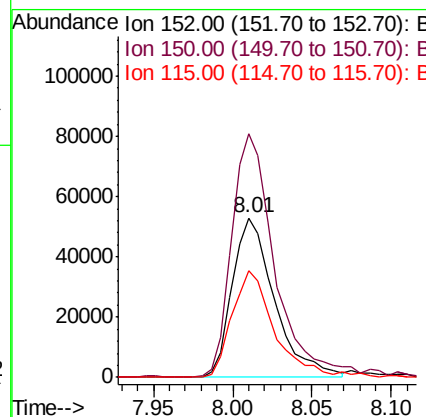
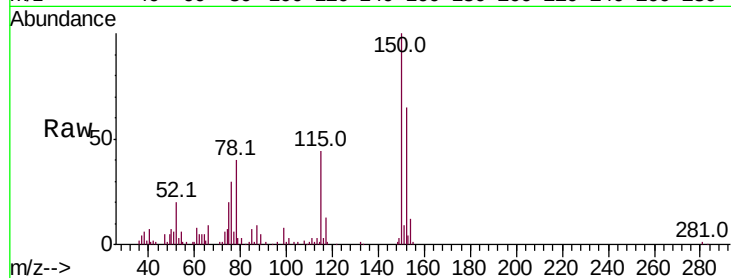


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016582.D
Acq: 24 Aug 2018 11:27

Instrument :
BNA_M
ClientSampleId :
PB112310TB

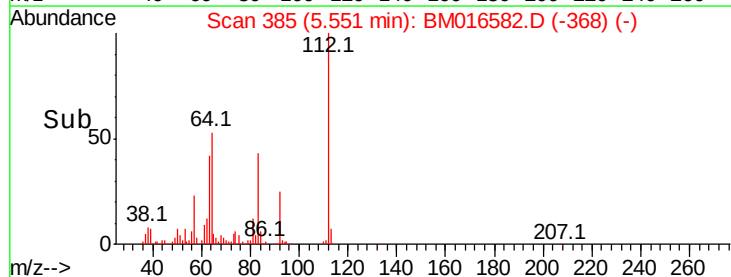
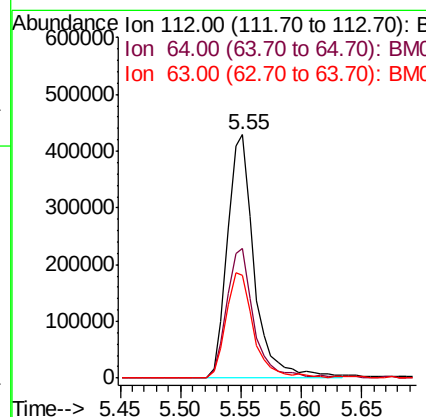
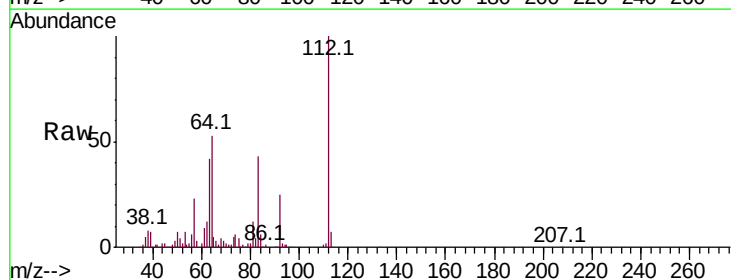
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	66.8	43.0	64.4

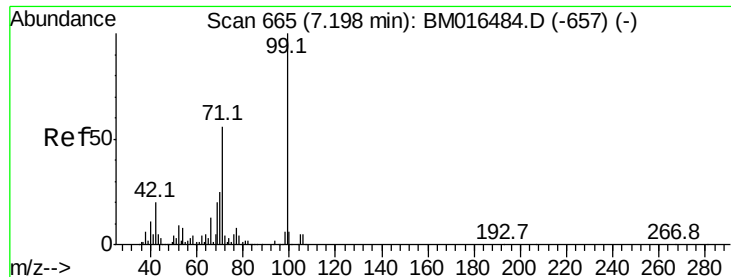


#5

2-Fluorophenol
Concen: 132.473 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM016582.D
Acq: 24 Aug 2018 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	38.6	57.8
63	42.4	19.3	28.9





#7

Phenol-d6

Concen: 122.623 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016582.D

Acq: 24 Aug 2018 11:27

Instrument :

BNA_M

ClientSampleId :

PB112310TB

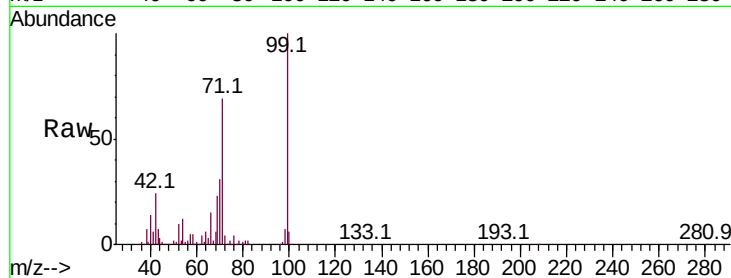
Tot Ion: 99 Resp: 810375

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

71 69.5 23.4 35.2#

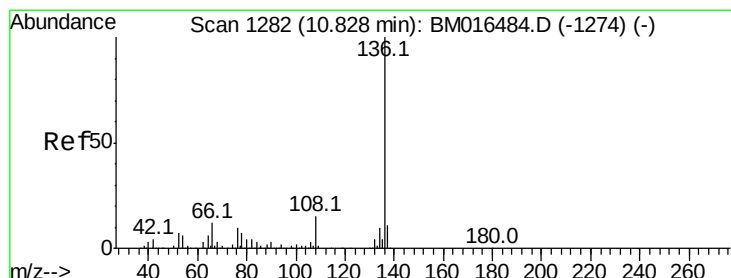
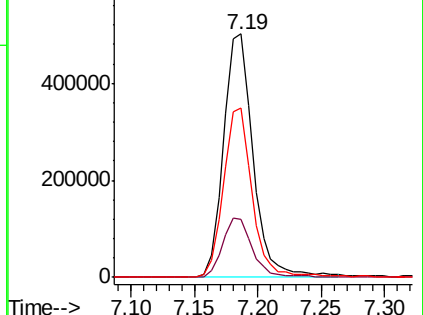
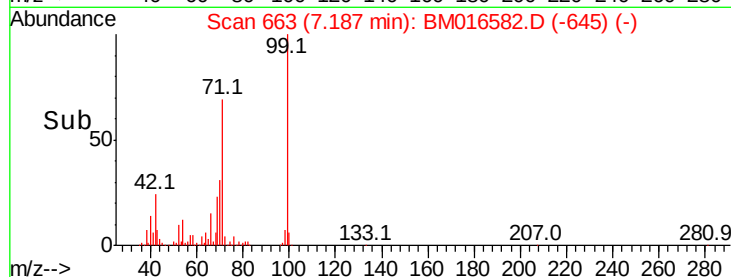


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM016582.D

Acq: 24 Aug 2018 11:27

Tgt Ion: 136 Resp: 313591

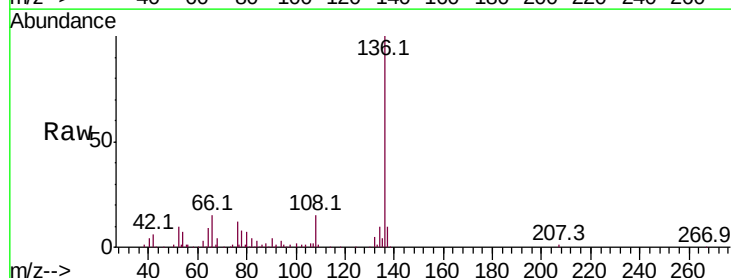
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 7.1 4.6 6.8#

68 3.8 3.7 5.5



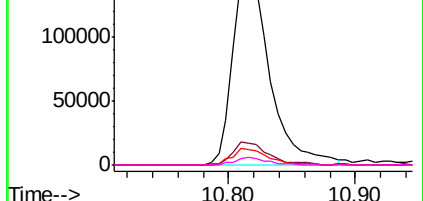
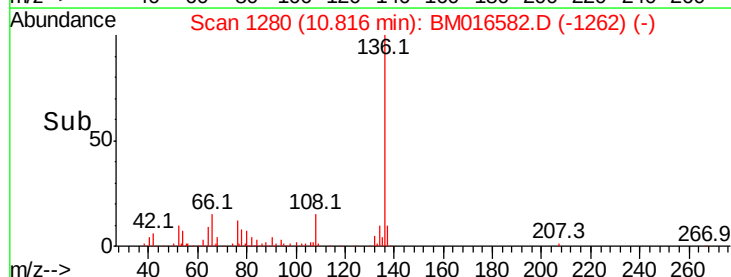
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

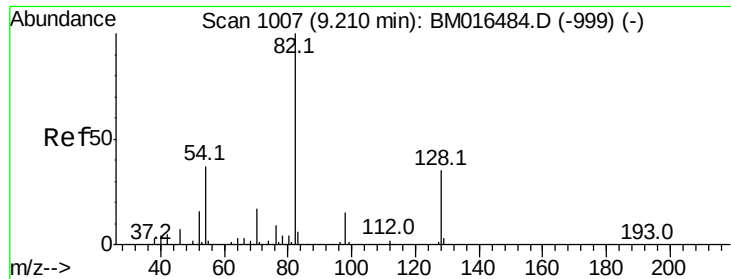
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

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

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

Time-->

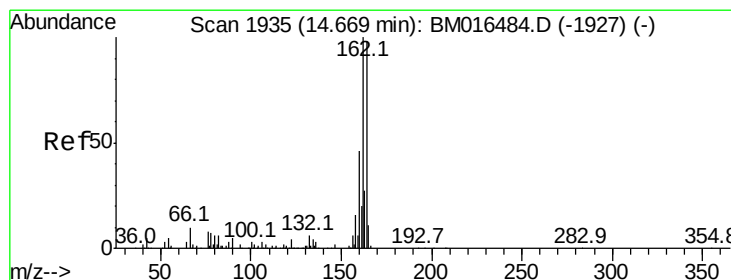
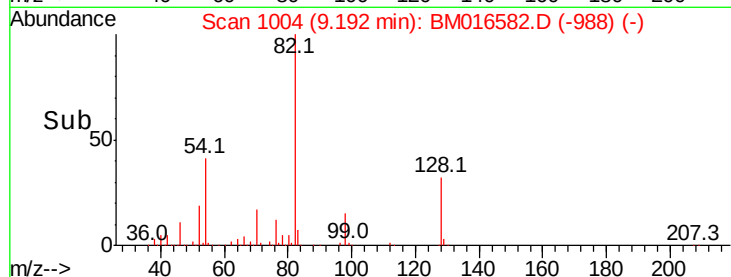
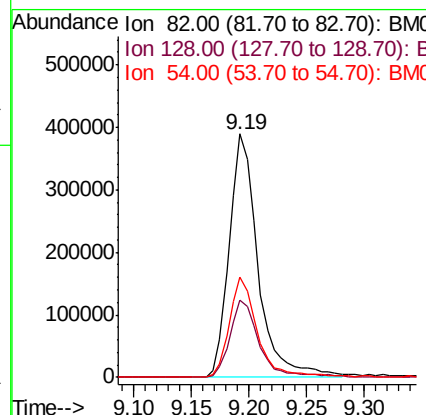
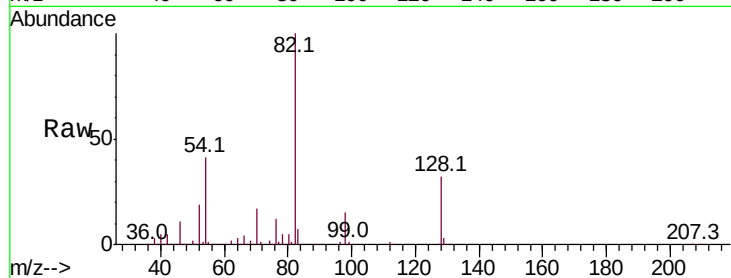




#23
 Nitrobenzene-d5
 Concen: 98.461 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BM016582.D
 Acq: 24 Aug 2018 11:27

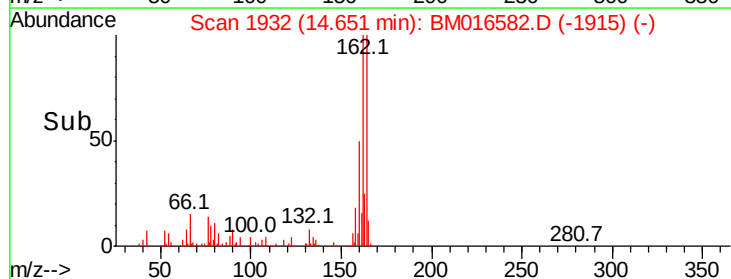
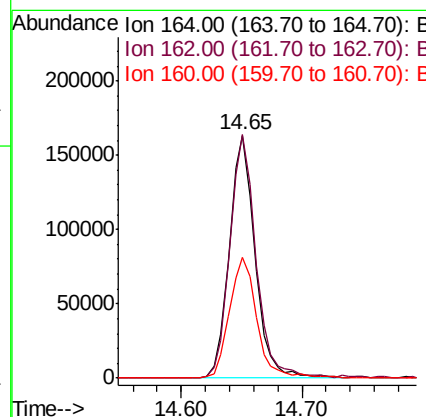
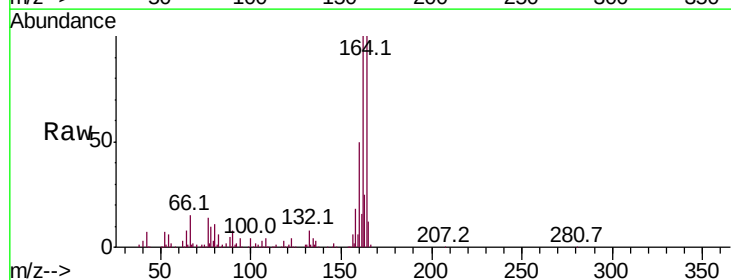
Instrument :
 BNA_M
 ClientSampleId :
 PB112310TB

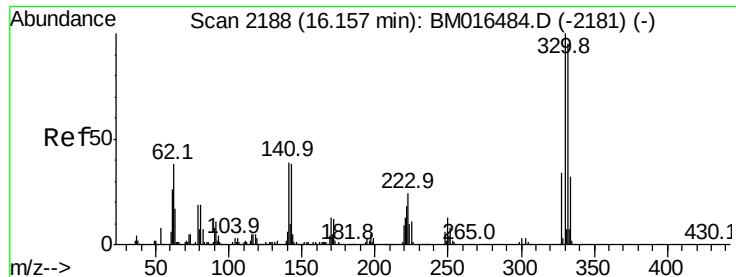
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.6	32.8	49.2#
54	41.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM016582.D
 Acq: 24 Aug 2018 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	49.9	35.8	53.6

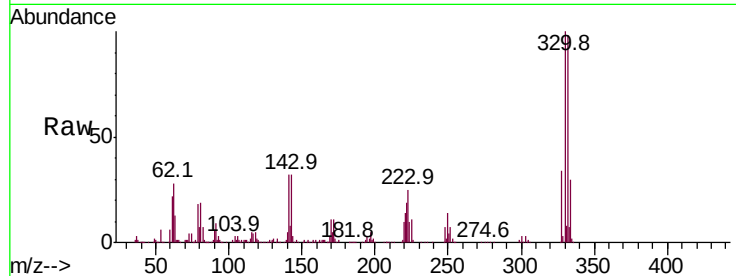




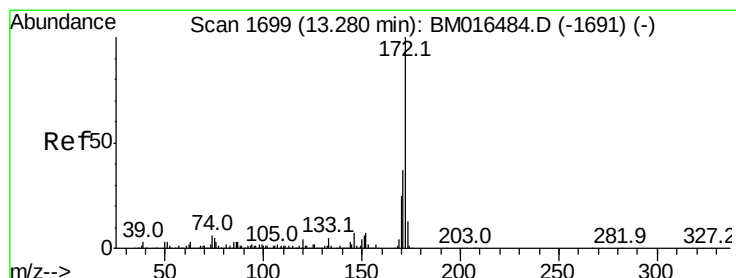
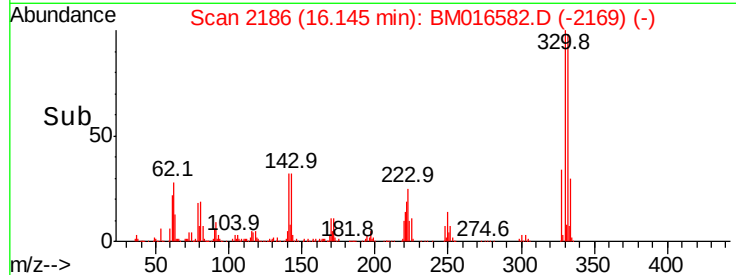
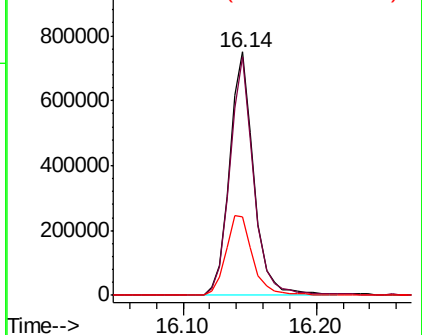
#41
 2,4,6-Tribromophenol
 Concen: 141.771 ng
 RT: 16.14 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BM016582.D
 Acq: 24 Aug 2018 11:27

Instrument :
 BNA_M
 ClientSampleId :
 PB112310TB

Tot Ion:330 Resp: 957625
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 36.1 0.0 0.0#

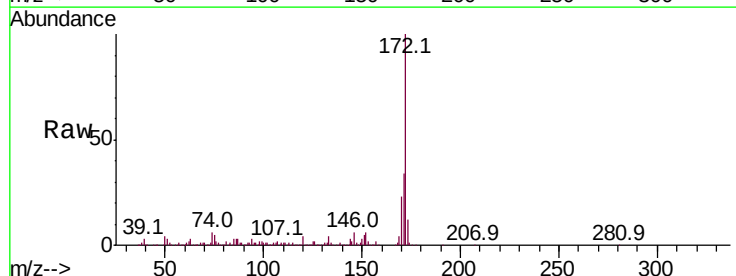


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

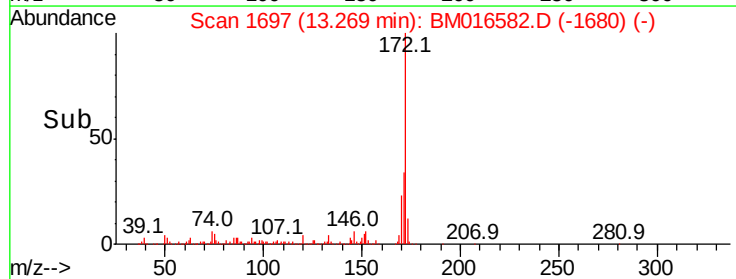
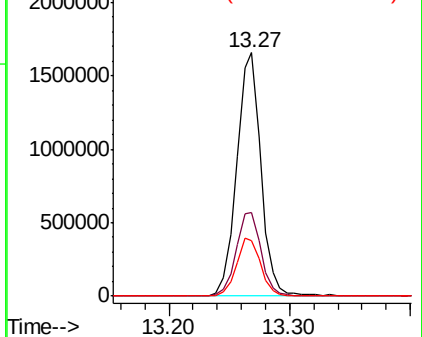


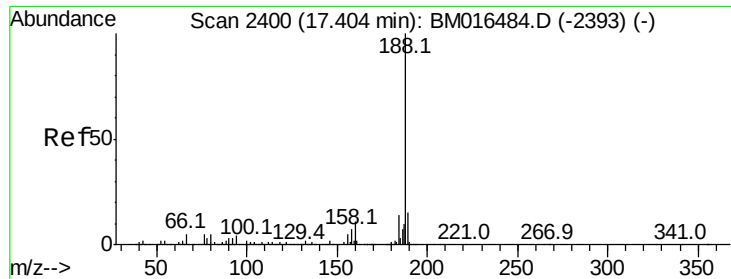
#44
 2-Fluorobiphenyl
 Concen: 92.289 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BM016582.D
 Acq: 24 Aug 2018 11:27

Tgt Ion:172 Resp: 2319986
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.8 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

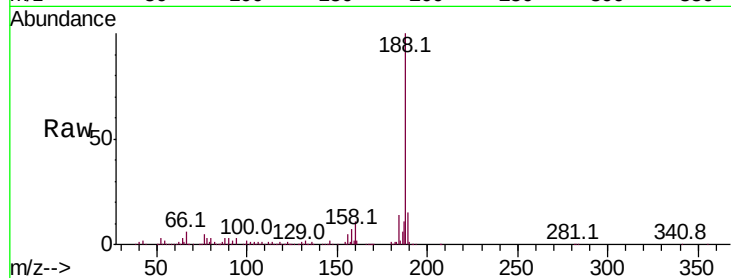




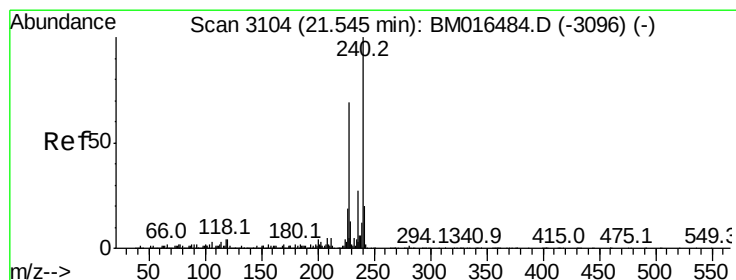
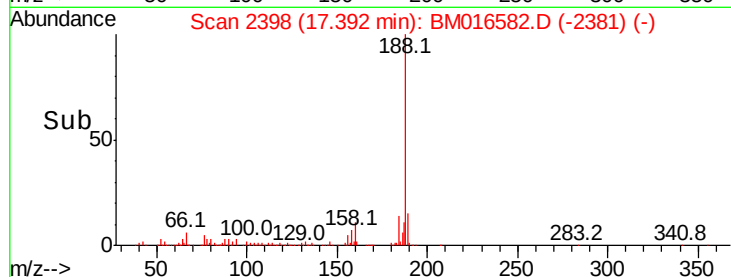
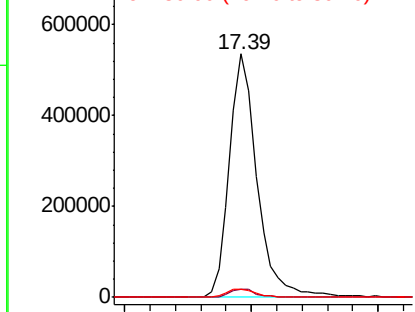
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM016582.D
Acq: 24 Aug 2018 11:27

Instrument :
BNA_M
ClientSampleId :
PB112310TB

Tot Ion:188 Resp: 810530
Ion Ratio Lower Upper
188 100
94 3.2 8.7 13.1#
80 3.1 9.3 13.9#

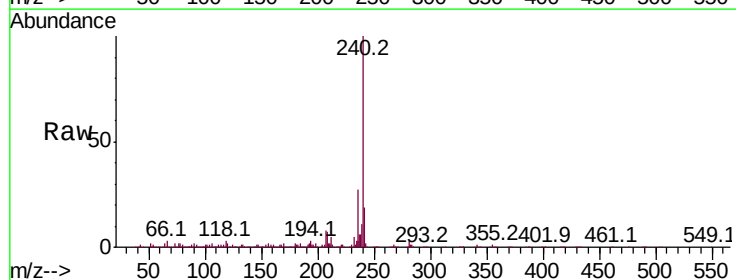


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

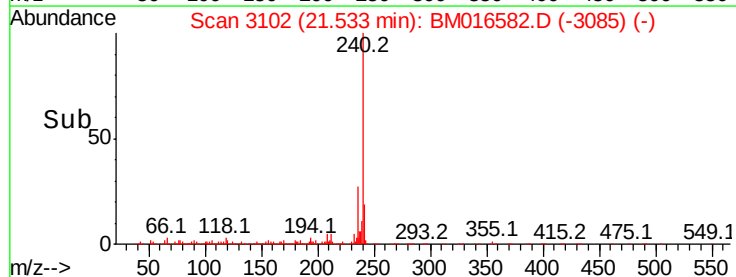
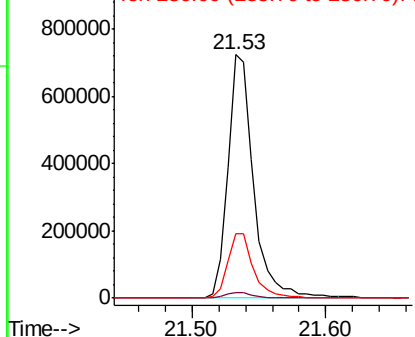


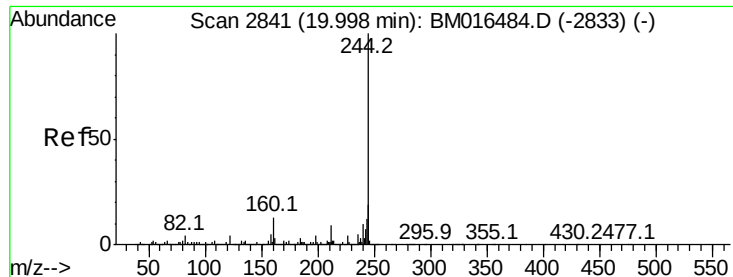
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016582.D
Acq: 24 Aug 2018 11:27

Tgt Ion:240 Resp: 972753
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 26.7 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: 133.770 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016582.D

Acq: 24 Aug 2018 11:27

Instrument :

BNA_M

ClientSampleId :

PB112310TB

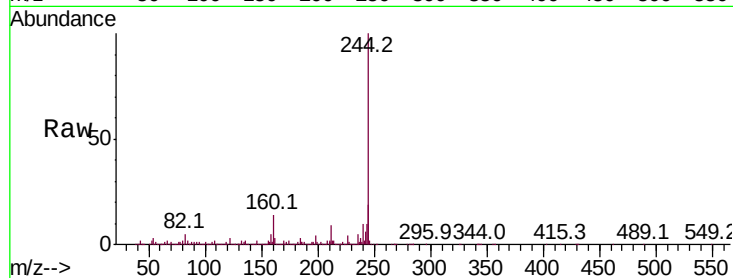
Tot Ion:244 Resp: 6147909

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

122 3.4 6.2 9.4#

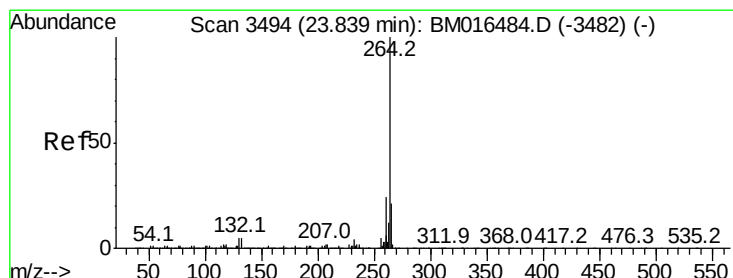
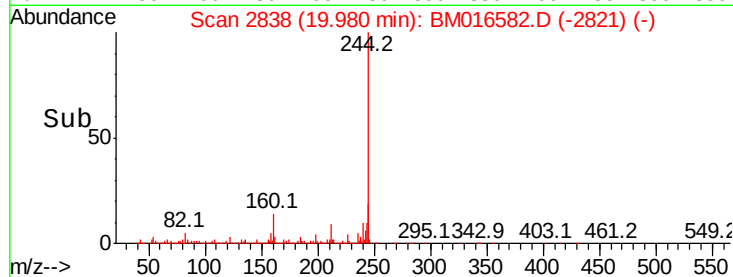
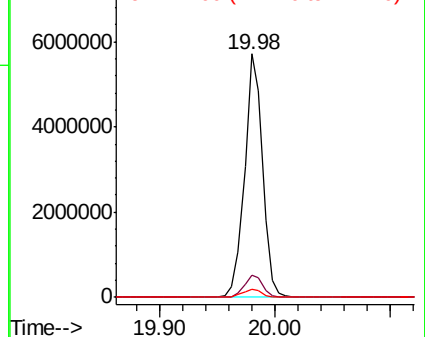


Abundance

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: 23.81 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BM016582.D

Acq: 24 Aug 2018 11:27

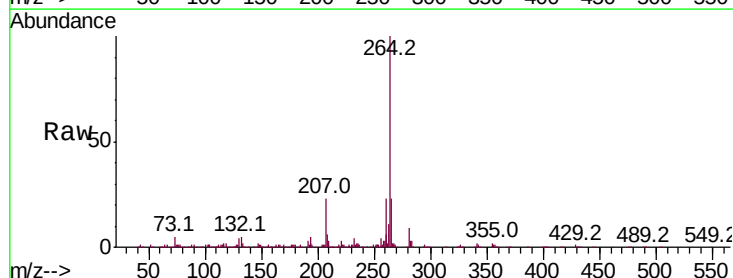
Tgt Ion:264 Resp: 1064793

Ion Ratio Lower Upper

264 100

260 23.3 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

