

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016553.D
 Acq On : 23 Aug 2018 13:16
 Operator : SJ/JU
 Sample : PB112169TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112169TB

Quant Time: Aug 23 14:08:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	116015	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	355162	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	263372	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	901085	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1152153	20.00	ng	0.00
86) Perylene-d12	23.82	264	1344185	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	574373	97.02	ng	0.00
7) Phenol-d6	7.19	99	716047	91.40	ng	-0.01
23) Nitrobenzene-d5	9.20	82	589537	75.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	818841	111.22	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2014983	73.54	ng	-0.01
78) Terphenyl-d14	19.99	244	5350824	98.30	ng	-0.01

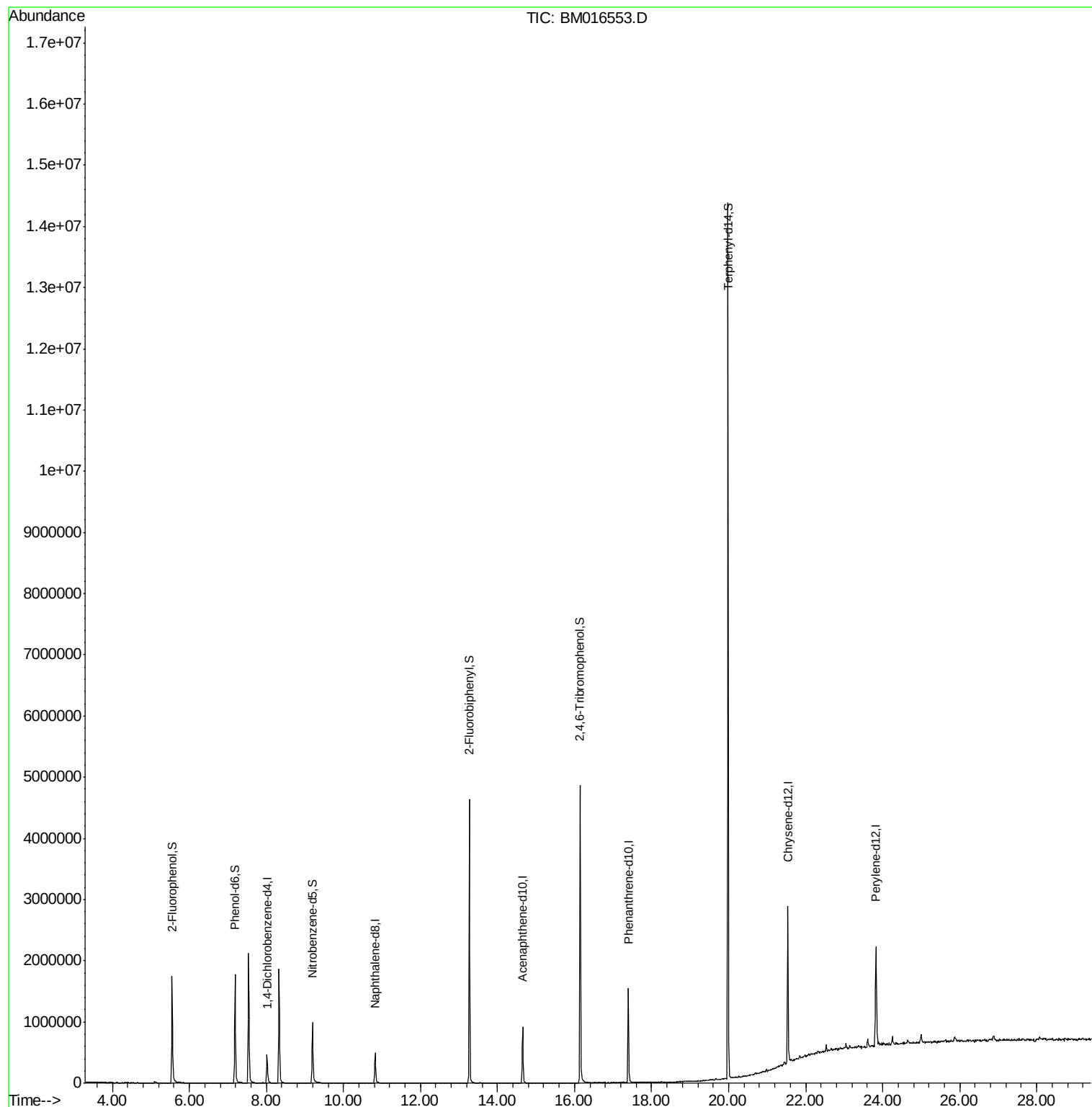
Target Compounds Qvalue

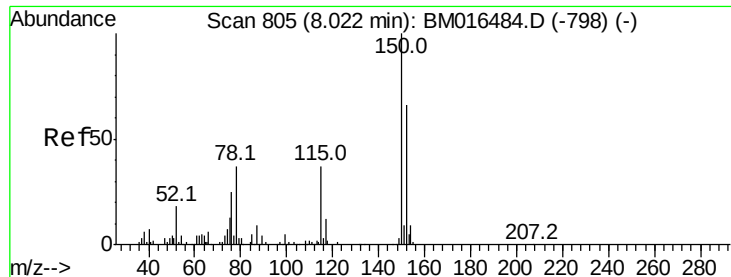
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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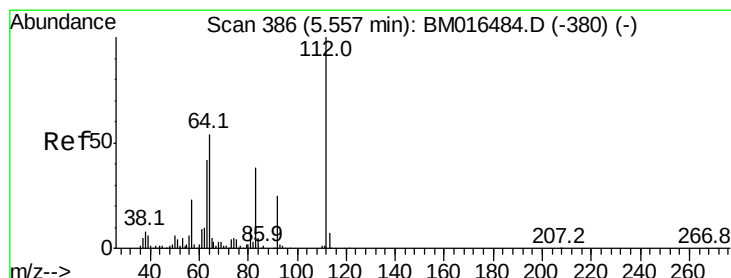
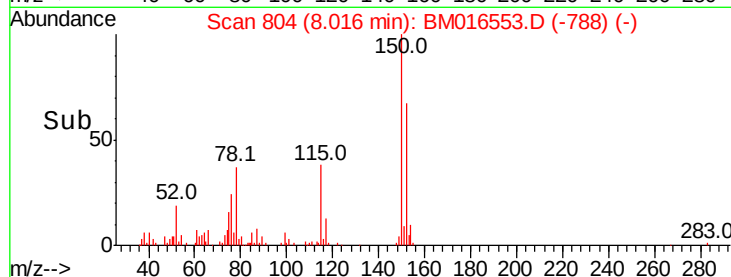
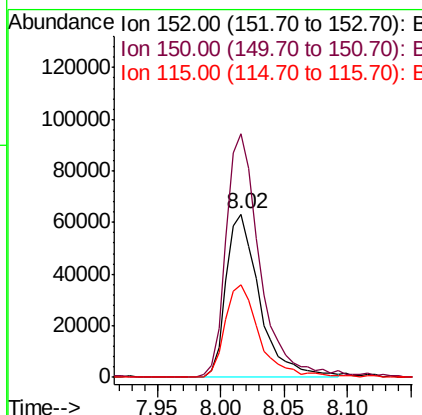
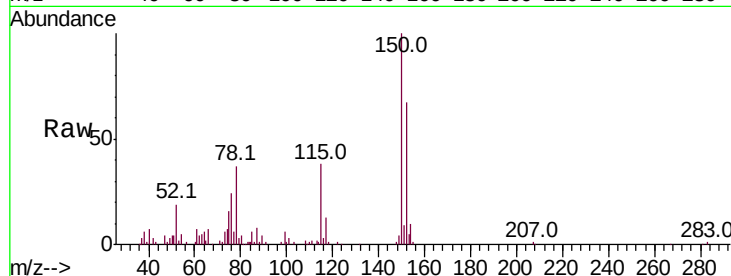


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

Instrument :
BNA_M
ClientSampleId :
PB112169TB

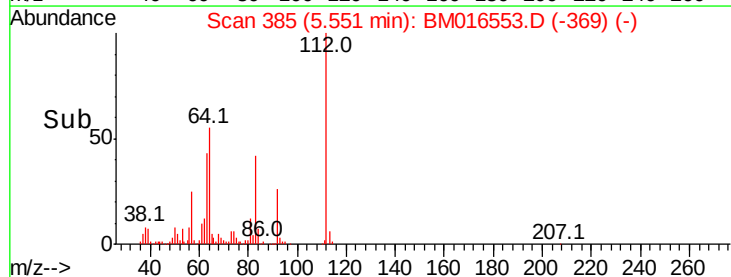
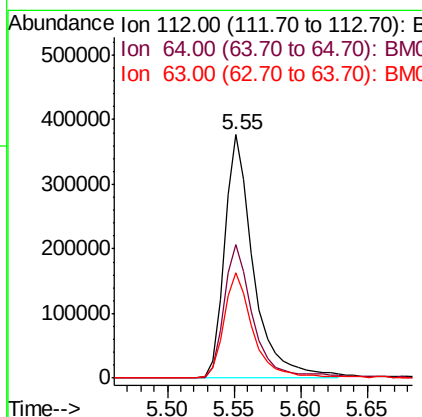
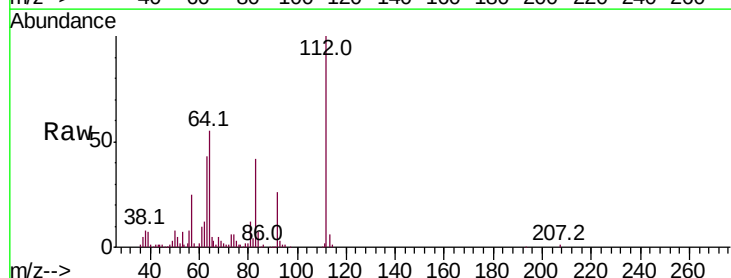
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	57.1	43.0	64.4

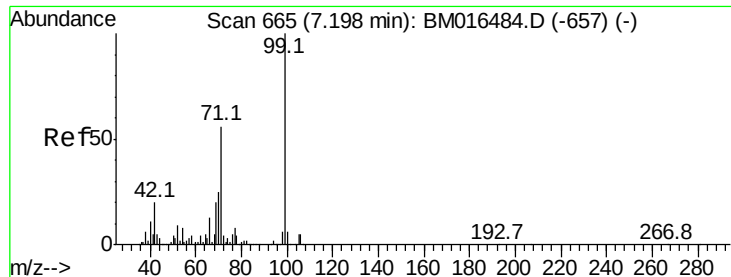


#5

2-Fluorophenol
Concen: 97.016 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	38.6	57.8
63	43.2	19.3	28.9





#7

Phenol-d6

Concen: 91.399 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016553.D

Acq: 23 Aug 2018 13:16

Instrument :

BNA_M

ClientSampleId :

PB112169TB

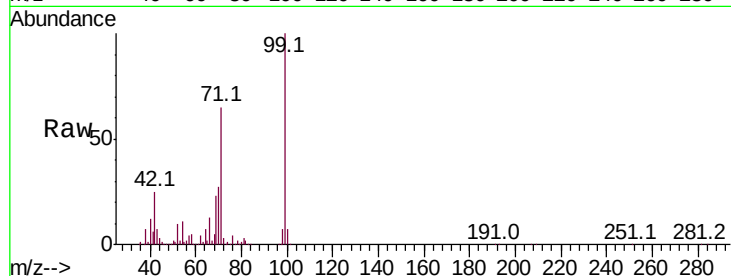
Tot Ion: 99 Resp: 716047

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

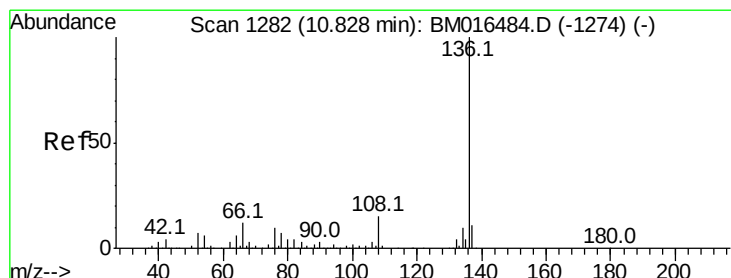
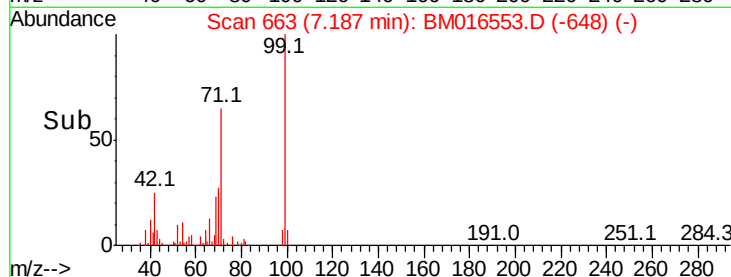
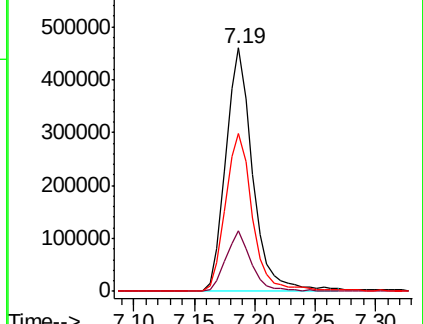
71 65.0 23.4 35.2#



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# 1281

Delta R.T. -0.01 min

Lab File: BM016553.D

Acq: 23 Aug 2018 13:16

Tgt Ion: 136 Resp: 355162

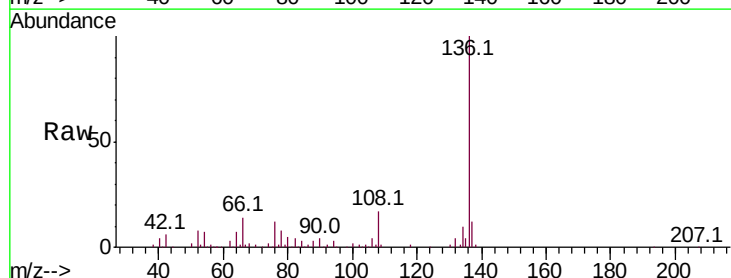
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 7.2 4.6 6.8#

68 2.0 3.7 5.5#

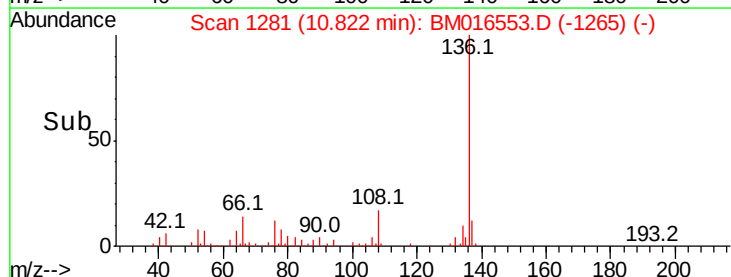
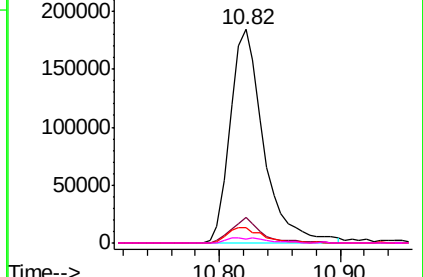


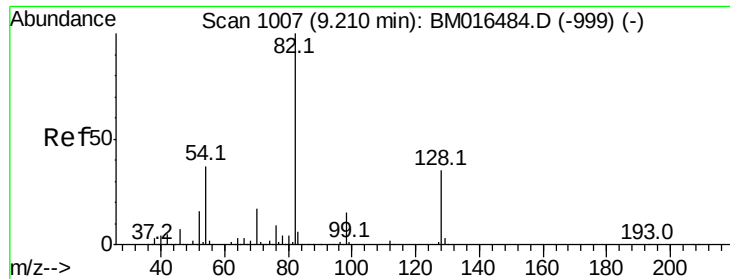
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)

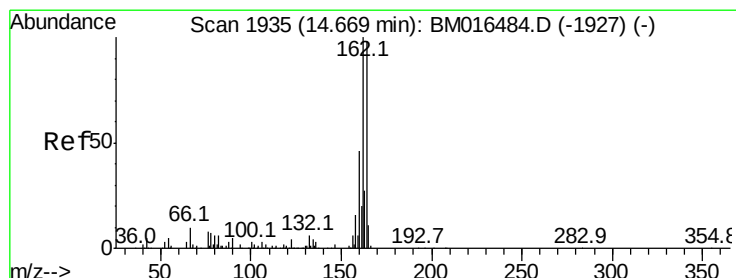
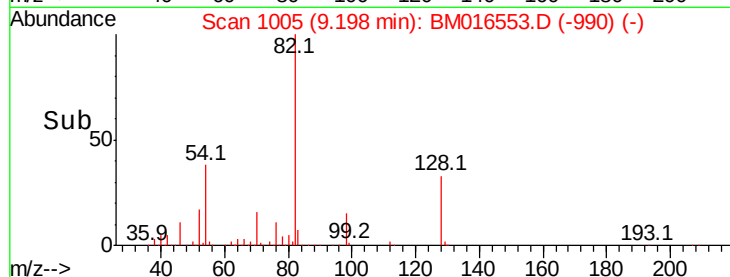
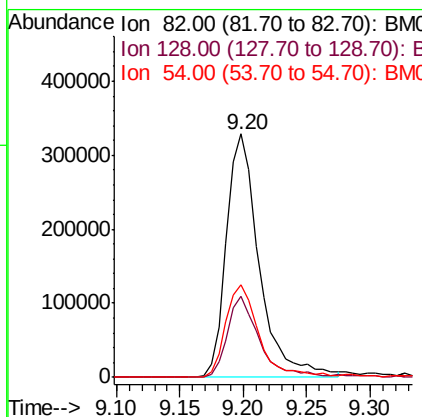
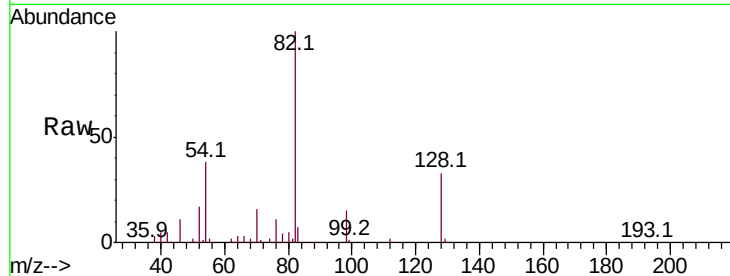




#23
 Nitrobenzene-d5
 Concen: 75.790 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BM016553.D
 Acq: 23 Aug 2018 13:16

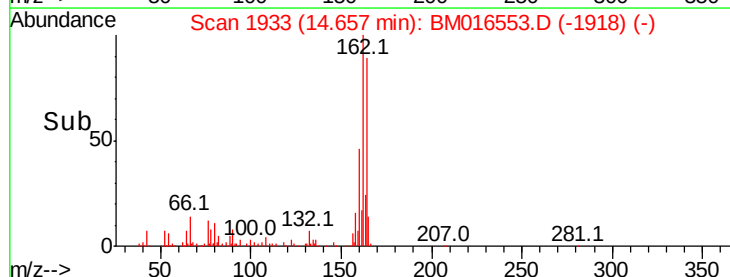
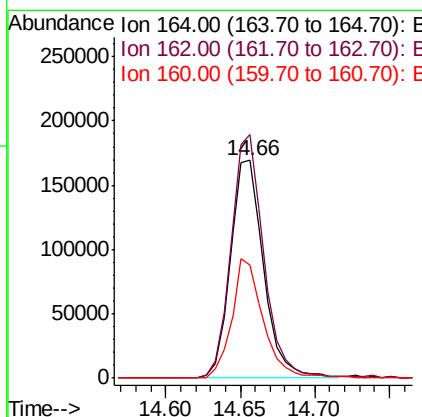
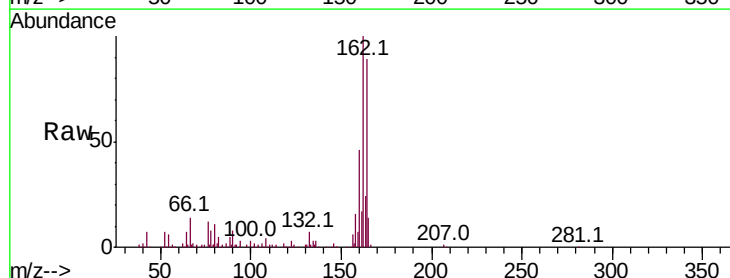
Instrument :
 BNA_M
 ClientSampleId :
 PB112169TB

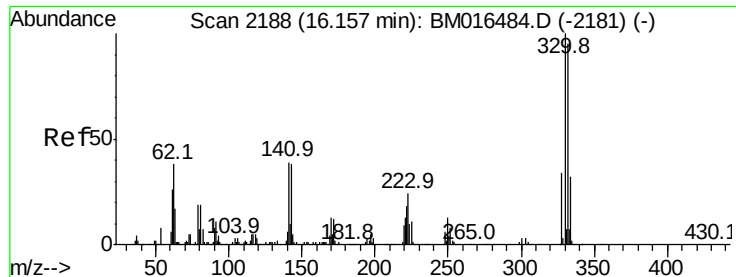
Tot Ion	82	Resp	589537
Ion	Ratio	Lower	Upper
82	100		
128	33.4	32.8	49.2
54	38.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM016553.D
 Acq: 23 Aug 2018 13:16

Tgt Ion	164	Resp	263372
Ion	Ratio	Lower	Upper
164	100		
162	112.0	82.4	123.6
160	52.0	35.8	53.6

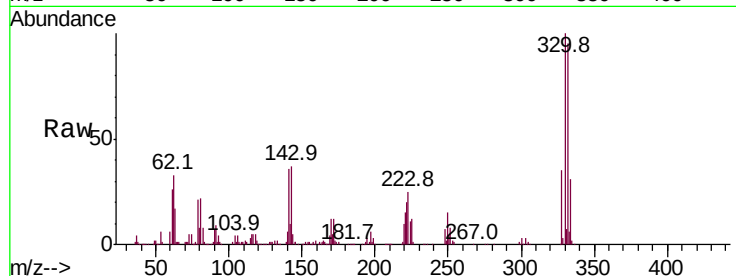




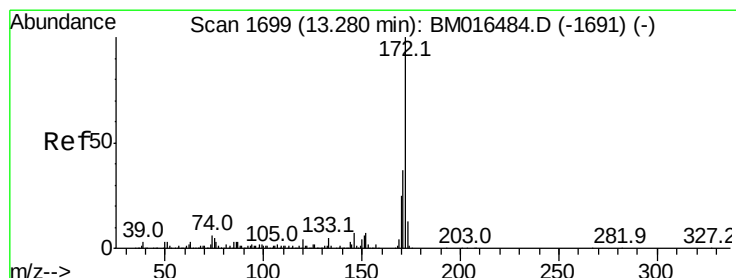
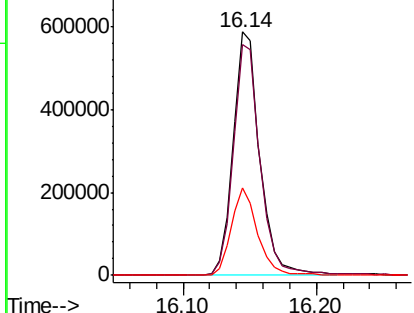
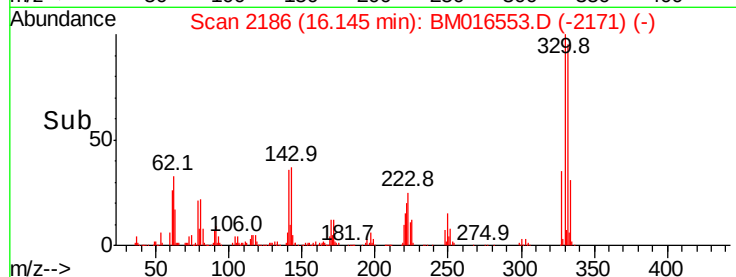
#41
2,4,6-Tribromophenol
Concen: 111.220 ng
RT: 16.14 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

Instrument :
BNA_M
ClientSampleId :
PB112169TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.6	0.0	0.0#

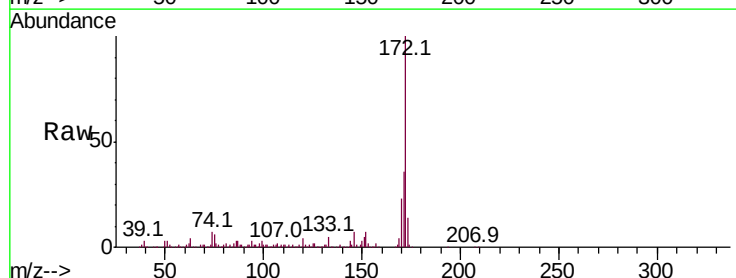


Abundance Ion 329.80 (329.50 to 330.50): E
800000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

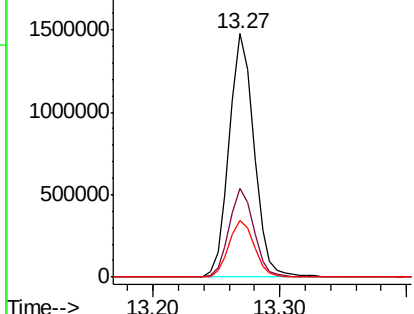
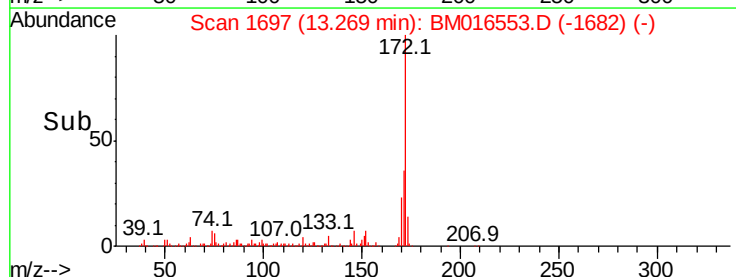


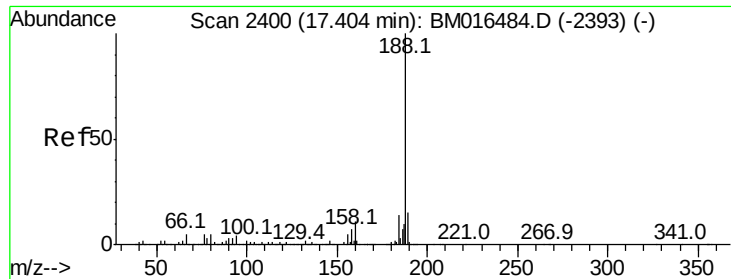
#44
2-Fluorobiphenyl
Concen: 73.540 ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.4	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

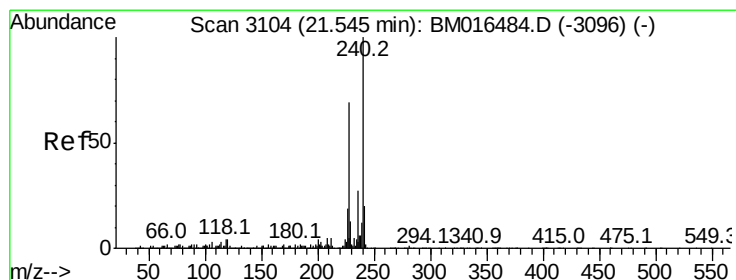
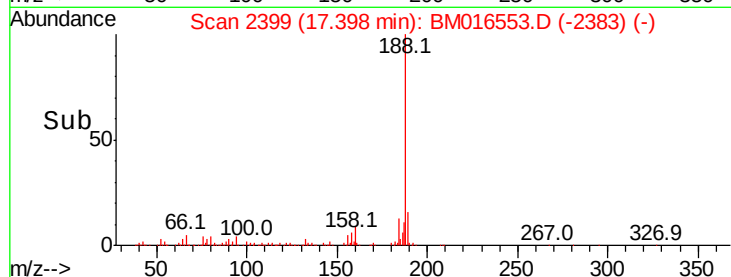
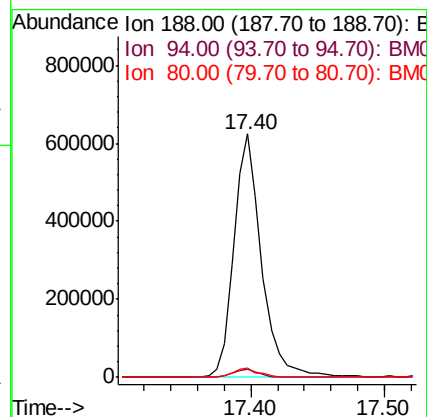
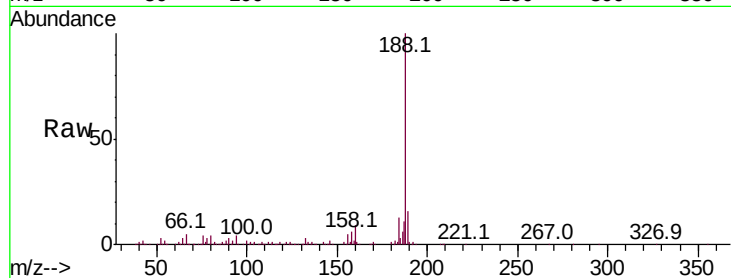




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

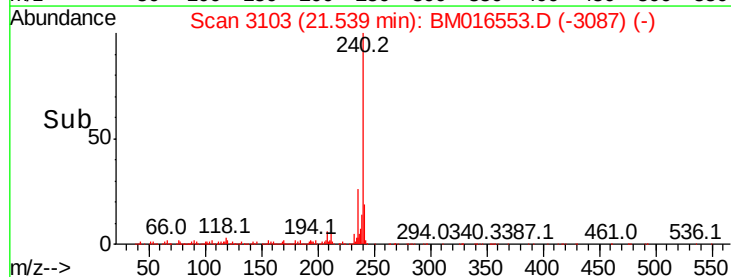
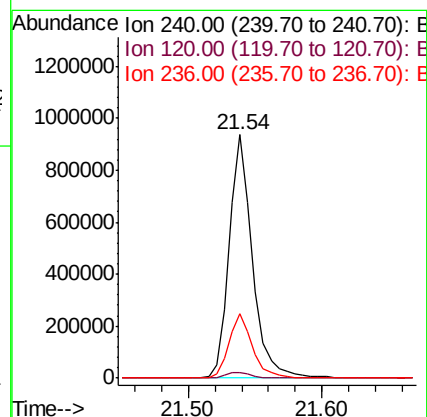
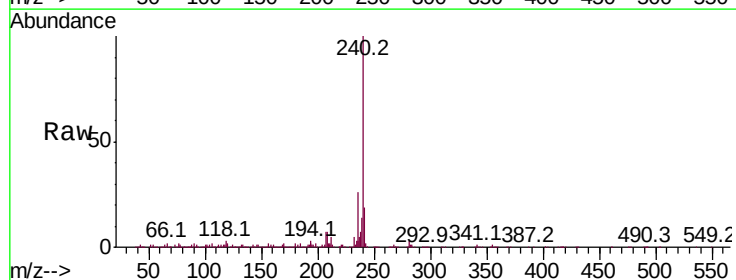
Instrument :
BNA_M
ClientSampleId :
PB112169TB

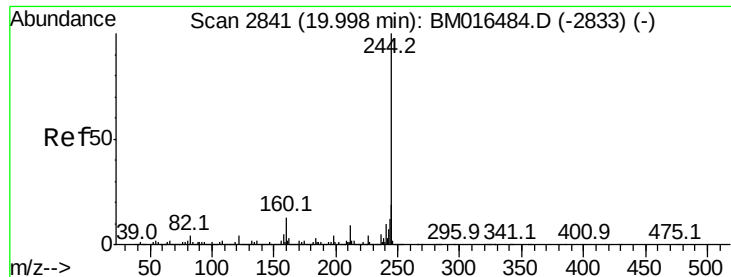
Tot Ion:188 Resp: 901085
Ion Ratio Lower Upper
188 100
94 3.5 8.7 13.1#
80 3.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016553.D
Acq: 23 Aug 2018 13:16

Tgt Ion:240 Resp: 1152153
Ion Ratio Lower Upper
240 100
120 2.4 8.2 12.2#
236 26.5 20.0 30.0





#78

Terphenyl-d14

Concen: 98.298 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016553.D

Acq: 23 Aug 2018 13:16

Instrument :

BNA_M

ClientSampleId :

PB112169TB

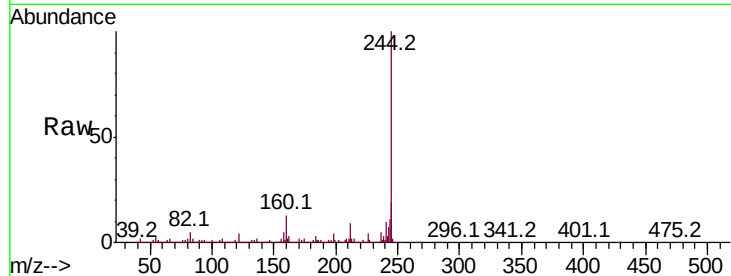
Tot Ion:244 Resp: 5350824

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

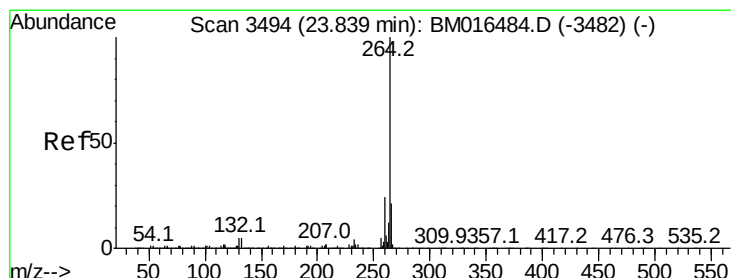
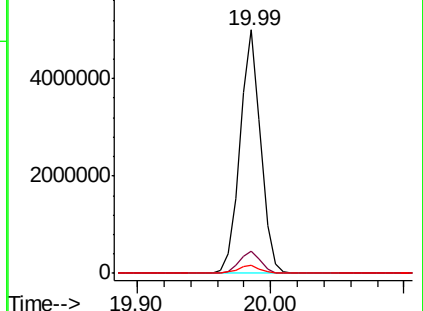
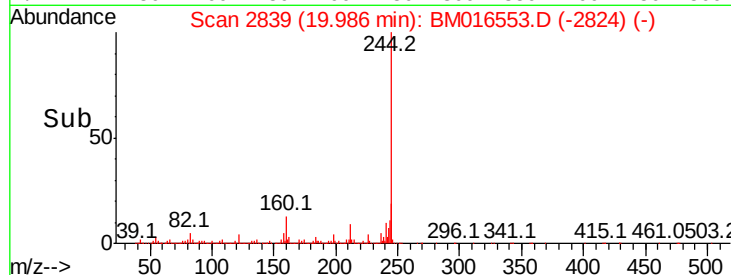
122 3.5 6.2 9.4#



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: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016553.D

Acq: 23 Aug 2018 13:16

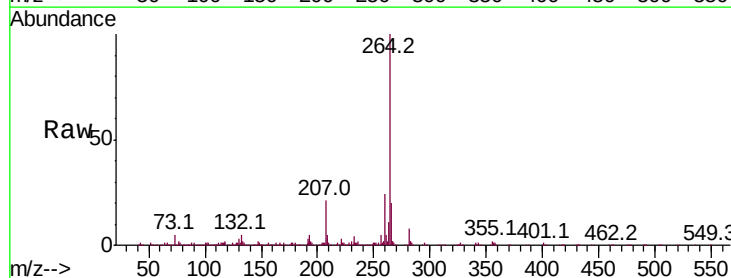
Tgt Ion:264 Resp: 1344185

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 20.5 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

