

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016554.D
 Acq On : 23 Aug 2018 13:52
 Operator : SJ/JU
 Sample : J4276-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118

Quant Time: Aug 23 15:15:59 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	106773	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	340290	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	255677	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	856701	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	1045081	20.00	ng	0.00
86) Perylene-d12	23.83	264	1167476	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	691071	126.83	ng	0.00
7) Phenol-d6	7.19	99	752220	104.33	ng	-0.01
23) Nitrobenzene-d5	9.20	82	846732	113.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1343831	188.02	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2977660	111.95	ng	-0.01
78) Terphenyl-d14	19.99	244	8213700	166.35	ng	-0.01

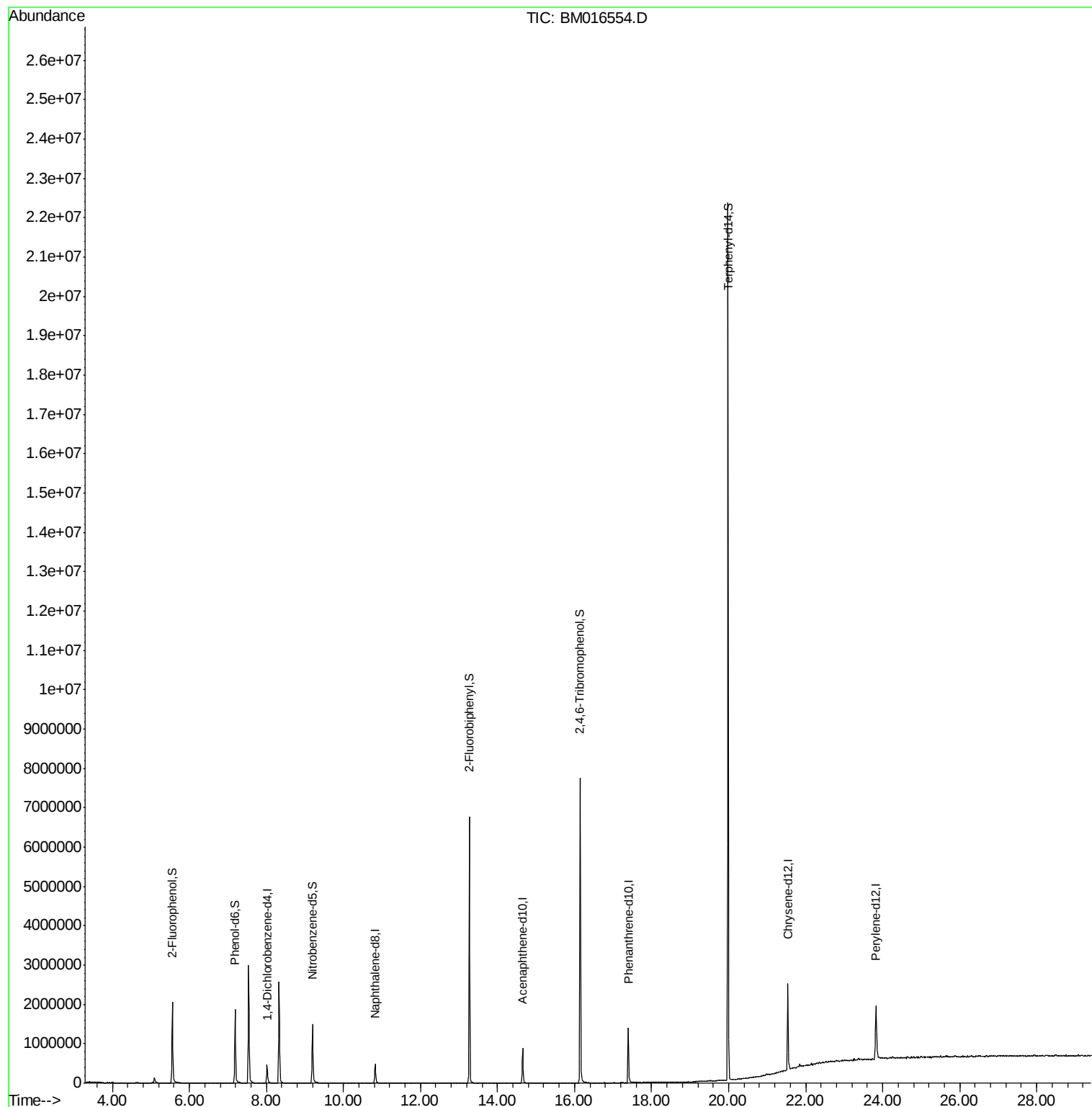
Target Compounds Qvalue

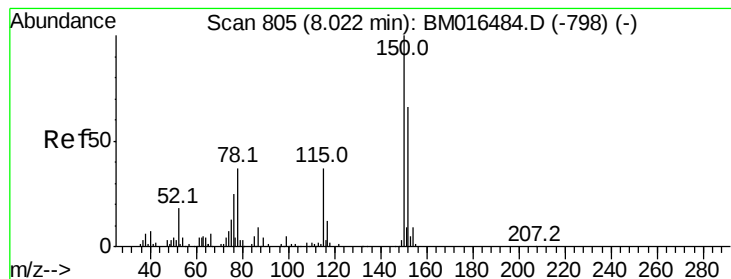
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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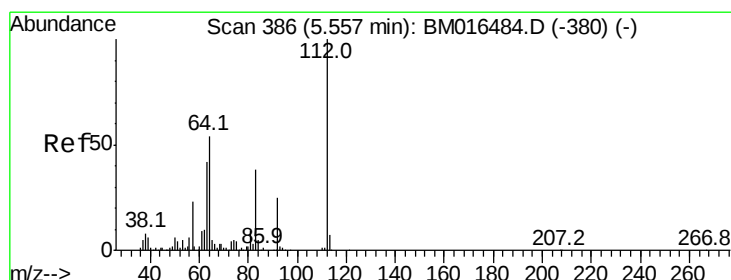
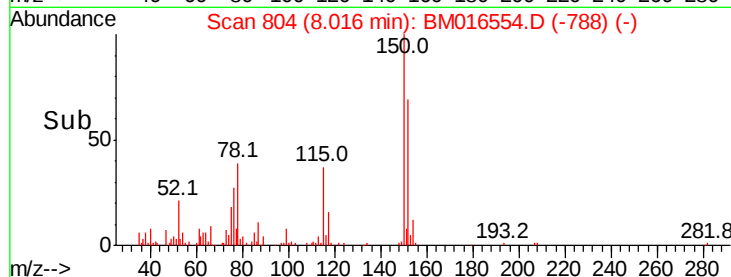
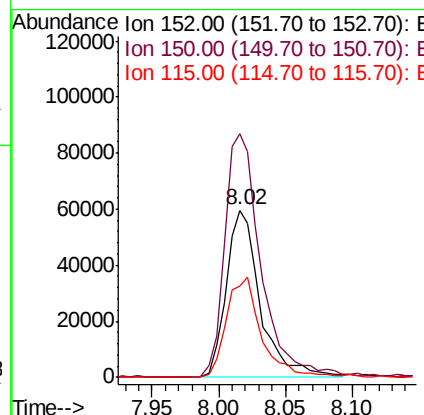
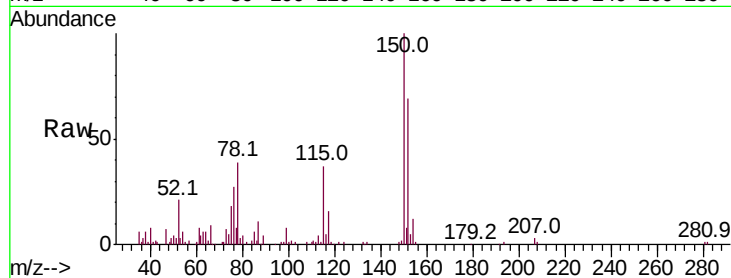


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016554.D
Acq: 23 Aug 2018 13:52

Instrument :
BNA_M
ClientSampleId :
OK-01-082118

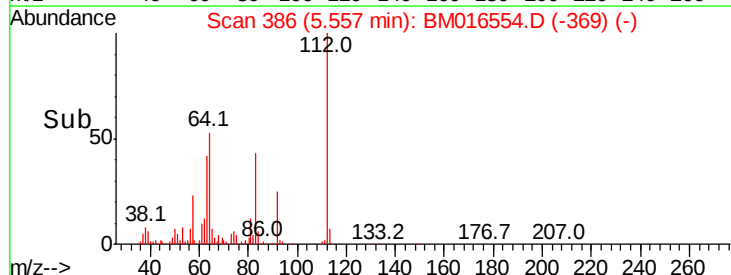
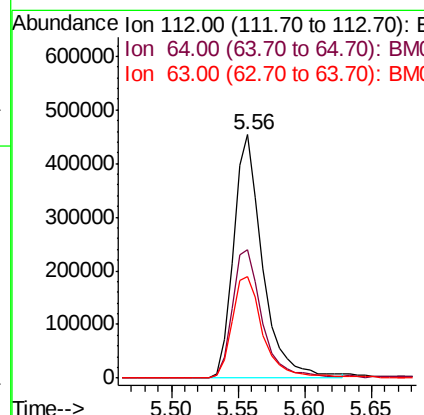
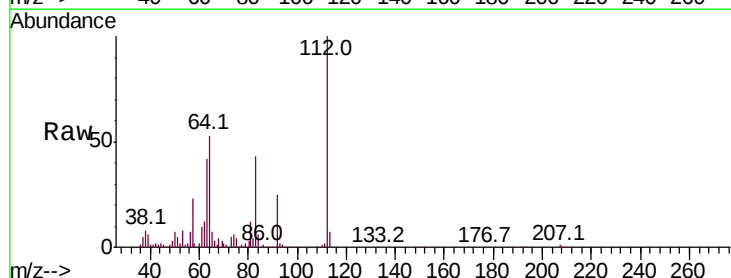
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	54.3	43.0	64.4

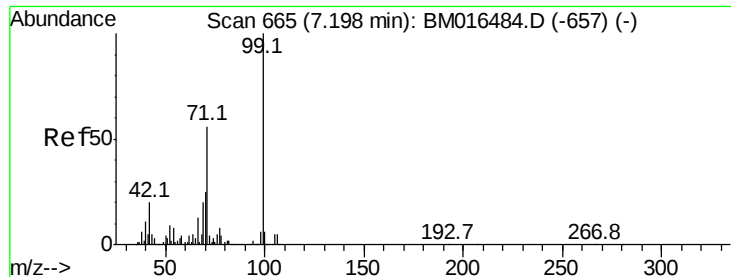


#5

2-Fluorophenol
Concen: 126.831 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016554.D
Acq: 23 Aug 2018 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	38.6	57.8
63	41.7	19.3	28.9





#7

Phenol-d6

Concen: 104.327 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016554.D

Acq: 23 Aug 2018 13:52

Instrument :

BNA_M

ClientSampleId :

OK-01-082118

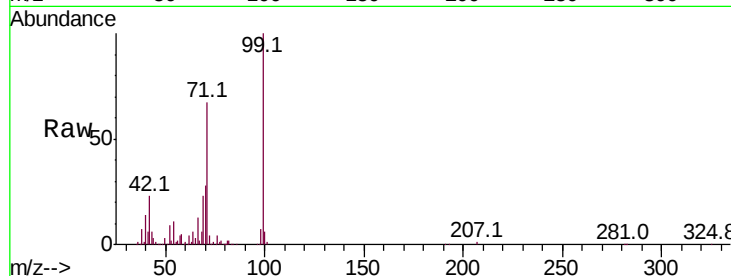
Tot Ion: 99 Resp: 752220

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

71 66.7 23.4 35.2#

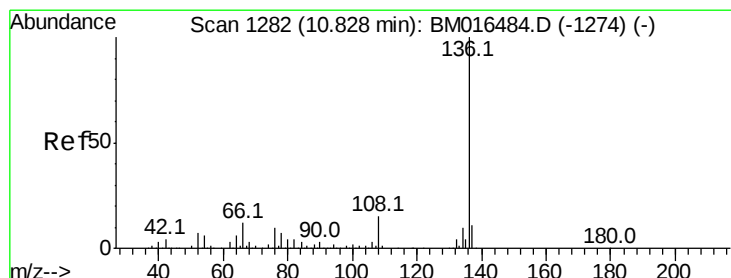
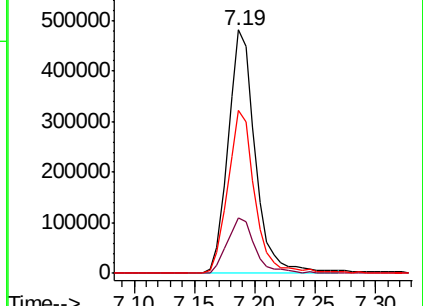
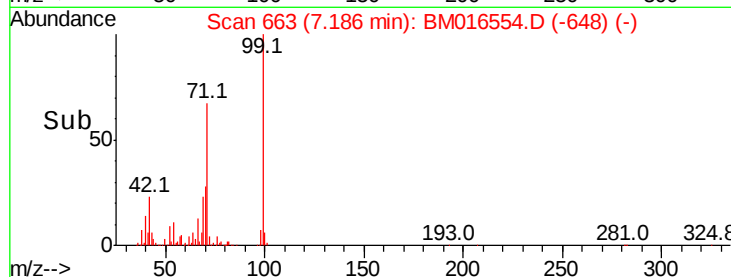


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

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# 1281

Delta R.T. -0.01 min

Lab File: BM016554.D

Acq: 23 Aug 2018 13:52

Tgt Ion: 136 Resp: 340290

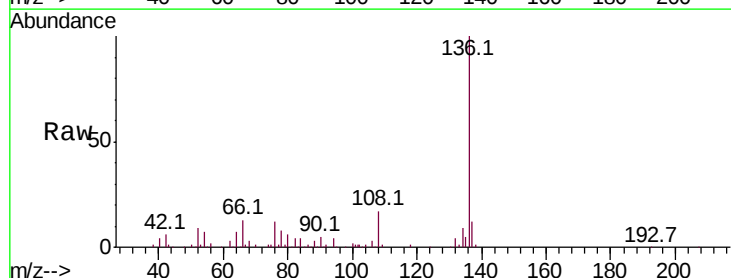
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.4 4.6 6.8#

68 2.5 3.7 5.5#



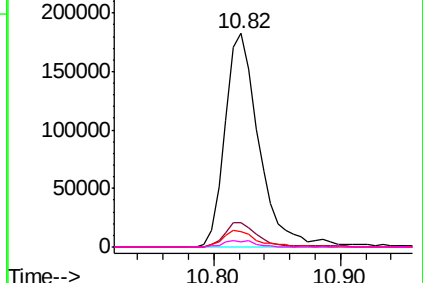
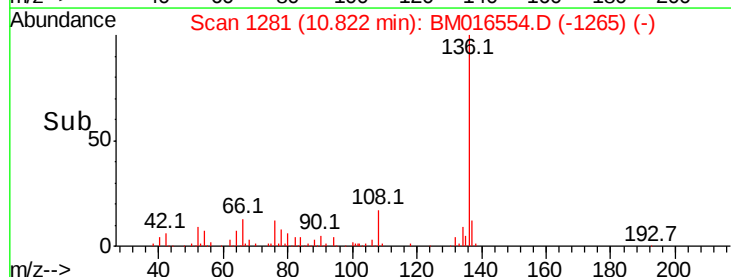
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

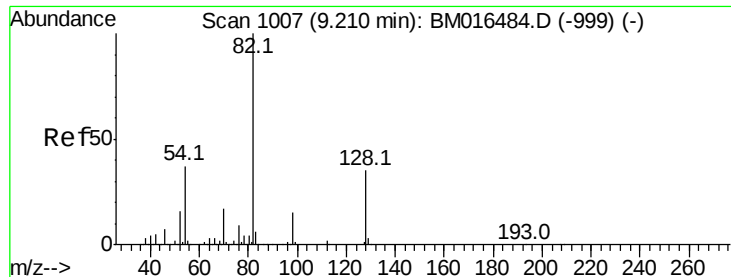
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

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

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

Time-->

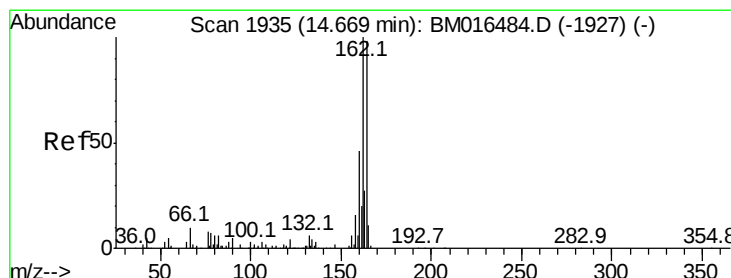
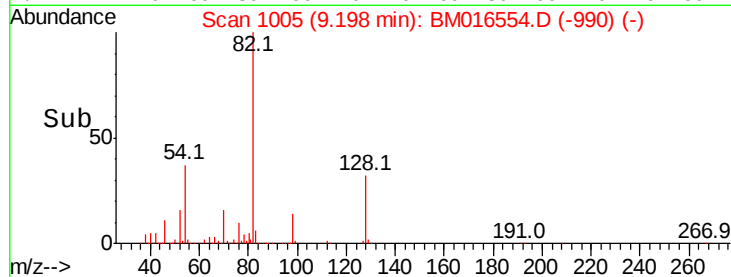
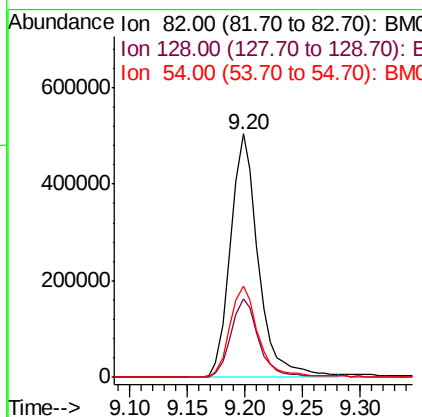
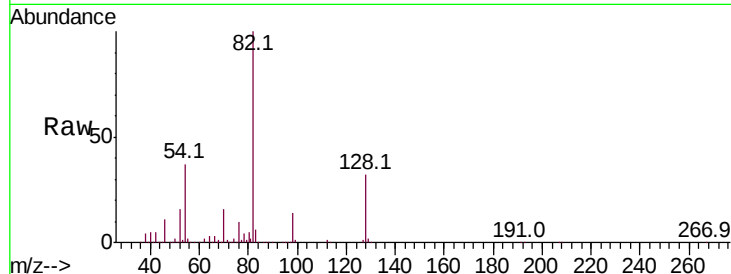




#23
Nitrobenzene-d5
Concen: 113.612 ng
RT: 9.20 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM016554.D
Acq: 23 Aug 2018 13:52

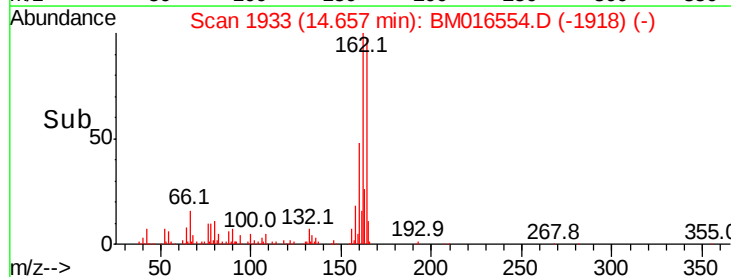
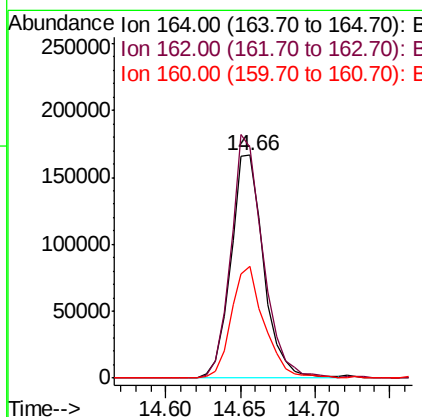
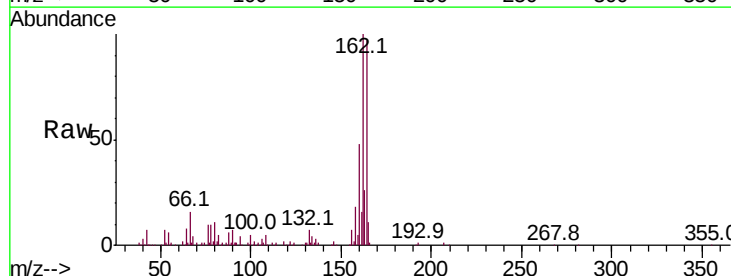
Instrument :
BNA_M
ClientSampleId :
OK-01-082118

Tot Ion	82	Resp	846732
Ion Ratio	Lower	Upper	
82	100		
128	32.5	32.8	49.2#
54	37.4	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: BM016554.D
Acq: 23 Aug 2018 13:52

Tgt Ion	164	Resp	255677
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.4	123.6
160	50.1	35.8	53.6

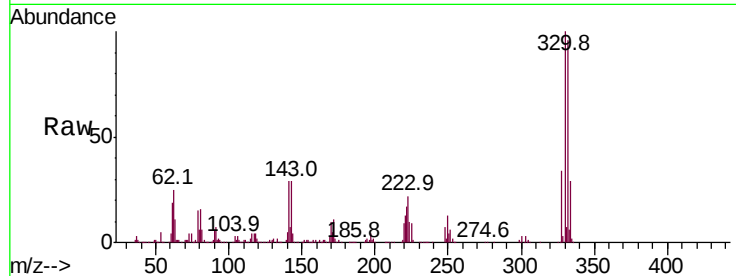




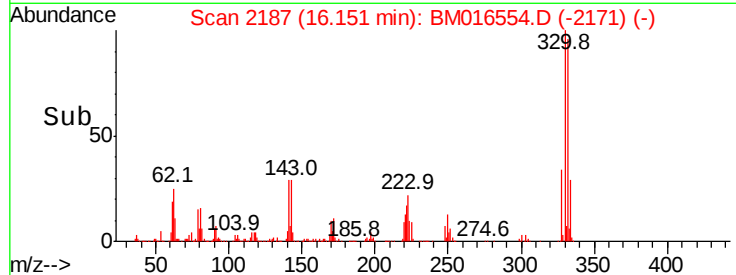
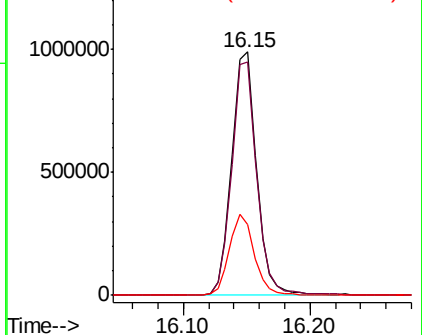
#41
 2,4,6-Tribromophenol
 Concen: 188.021 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016554.D
 Acq: 23 Aug 2018 13:52

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118

Tot Ion:330 Resp: 1343831
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 33.4 0.0 0.0#

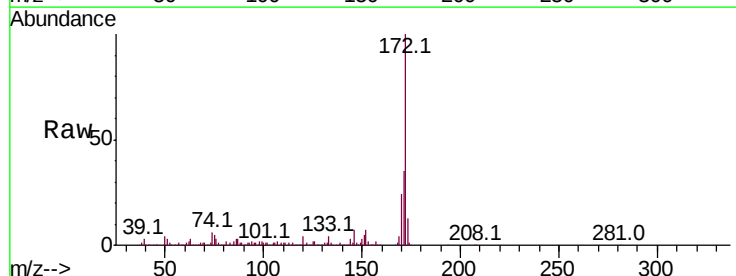


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

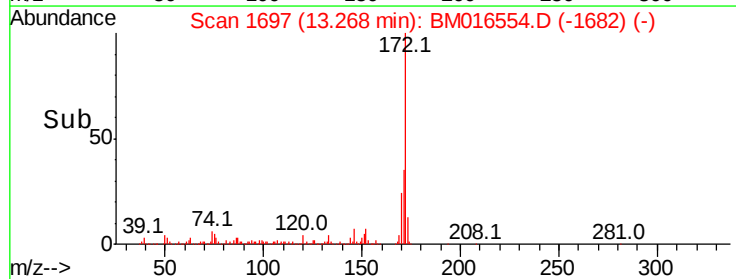
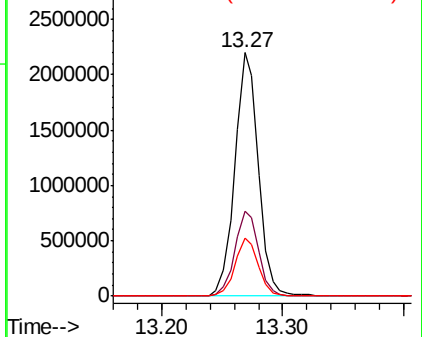


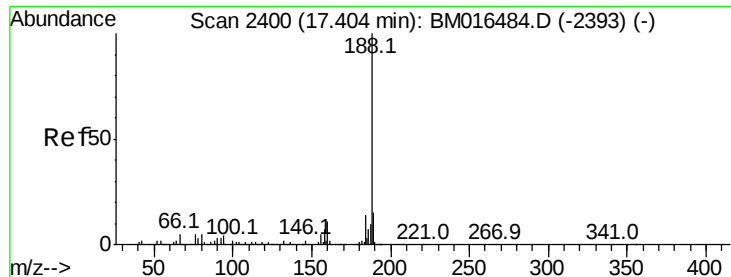
#44
 2-Fluorobiphenyl
 Concen: 111.946 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016554.D
 Acq: 23 Aug 2018 13:52

Tgt Ion:172 Resp: 2977660
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.6 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

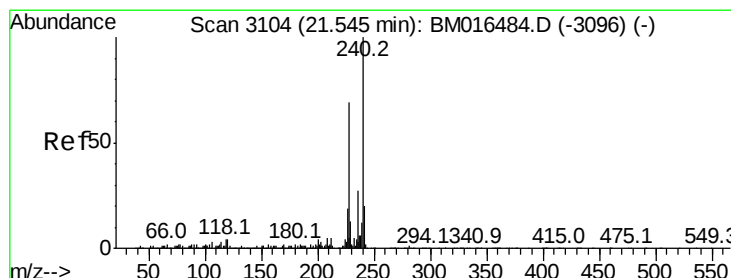
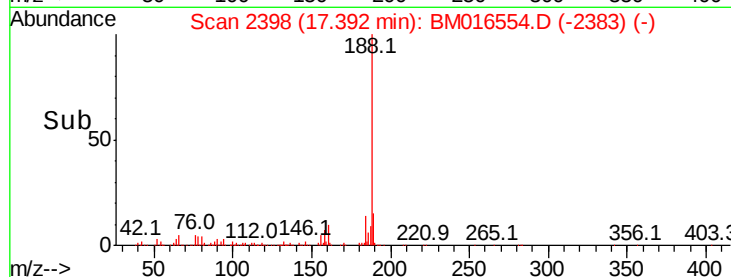
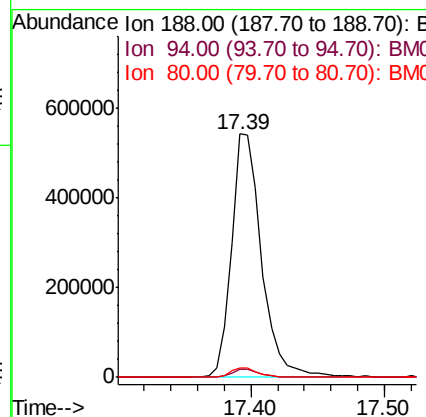
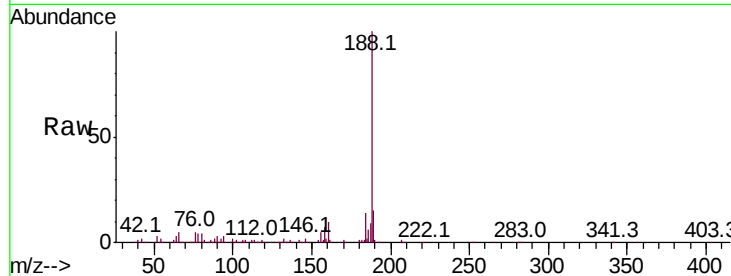




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016554.D
Acq: 23 Aug 2018 13:52

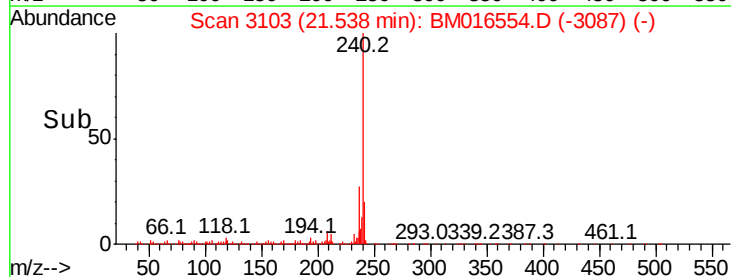
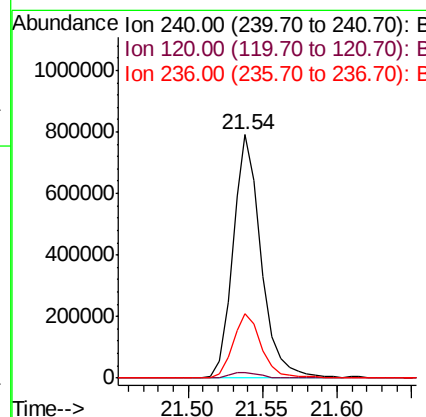
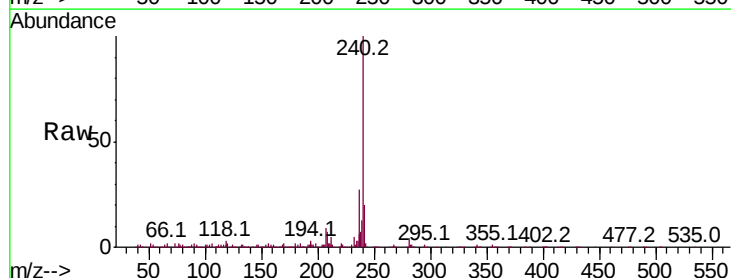
Instrument :
BNA_M
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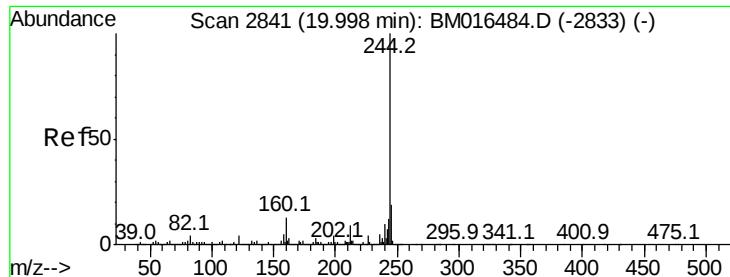
Tot Ion:188 Resp: 856701
Ion Ratio Lower Upper
188 100
94 3.3 8.7 13.1#
80 4.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016554.D
Acq: 23 Aug 2018 13:52

Tgt Ion:240 Resp: 1045081
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: 166.350 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016554.D

Acq: 23 Aug 2018 13:52

Instrument :

BNA_M

ClientSampleId :

OK-01-082118

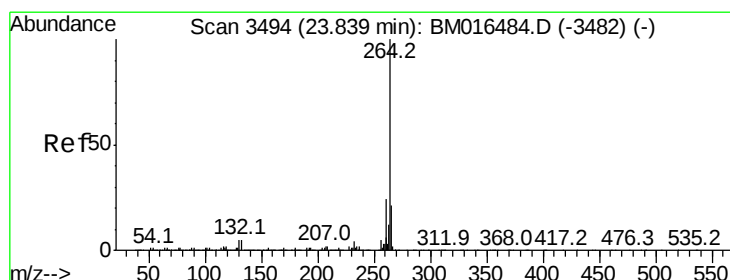
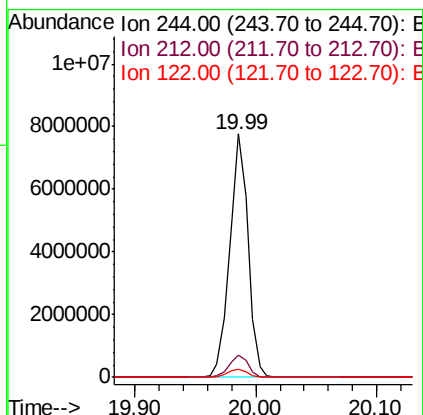
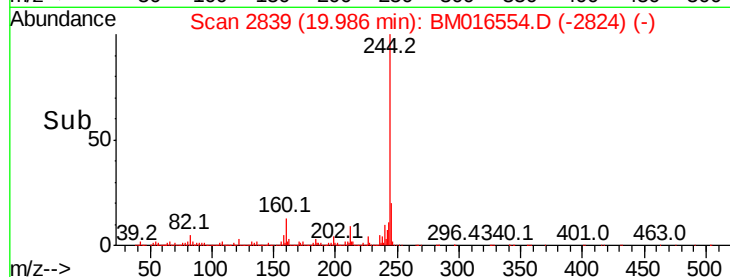
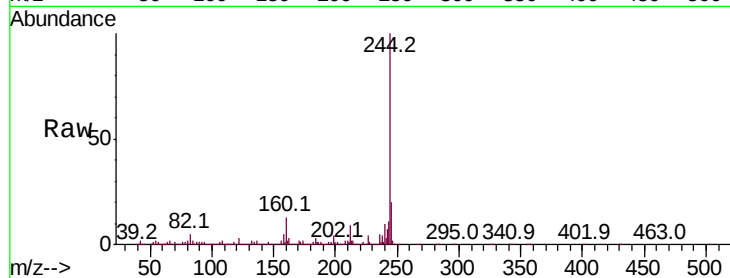
Tot Ion:244 Resp: 8213700

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

122 3.4 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016554.D

Acq: 23 Aug 2018 13:52

Tgt Ion:264 Resp: 1167476

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.2 17.3 25.9

