

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016548.D
 Acq On : 23 Aug 2018 10:16
 Operator : SJ/JU
 Sample : PB112169BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 11:31:57 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

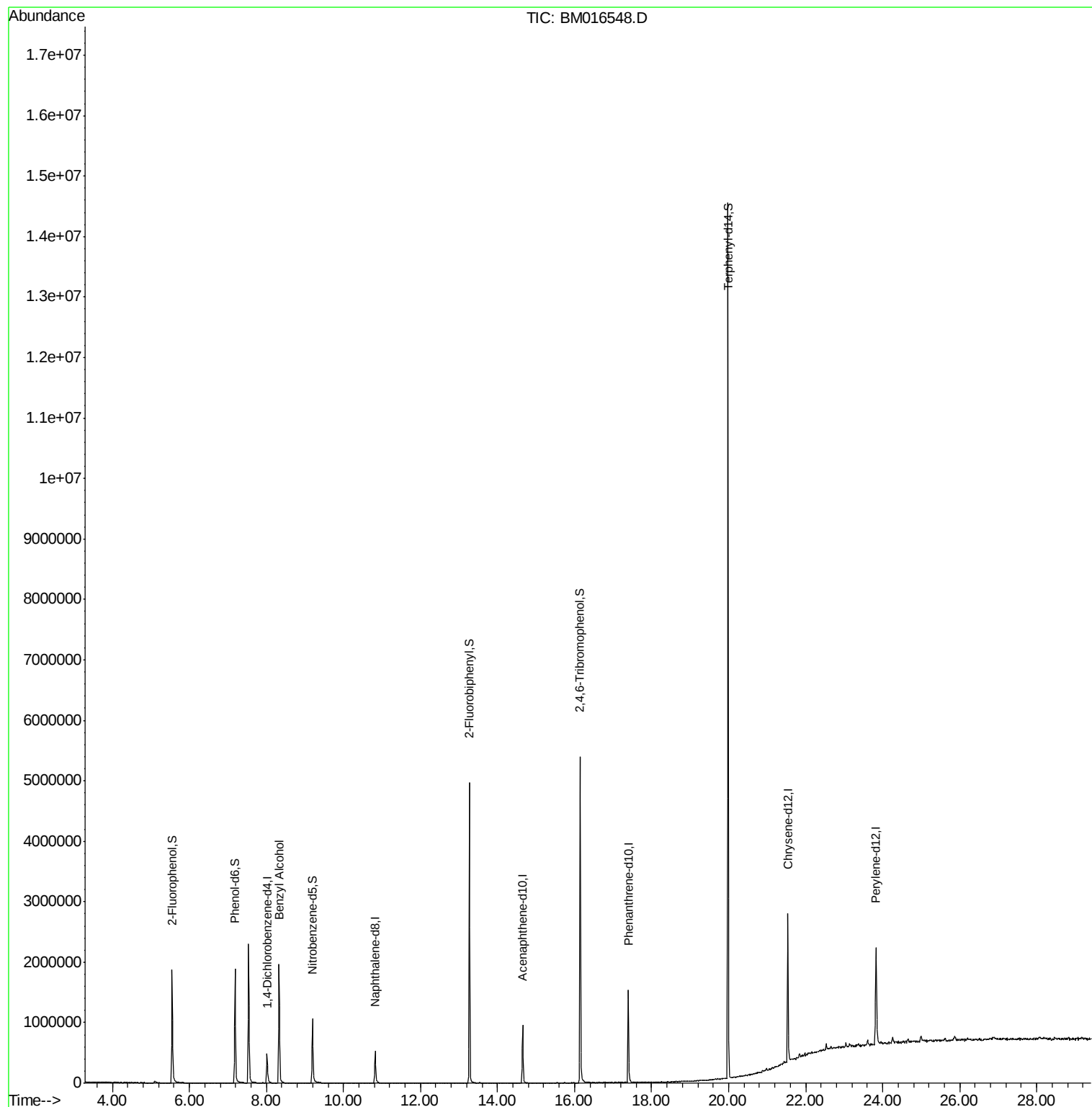
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	120749	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	380478	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	294066	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	943601	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1146154	20.00	ng	0.00
86) Perylene-d12	23.83	264	1307745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	658523	106.87	ng	0.00
7) Phenol-d6	7.19	99	790823	96.99	ng	-0.01
23) Nitrobenzene-d5	9.20	82	639393	76.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	922169	112.18	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2272555	74.28	ng	-0.01
78) Terphenyl-d14	19.99	244	5463116	100.89	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.33	79	15149	2.001	ng	Qvalue # 1

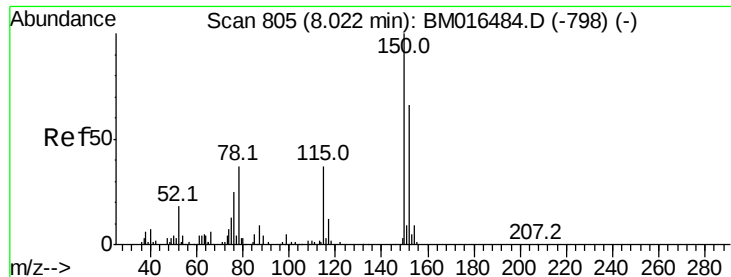
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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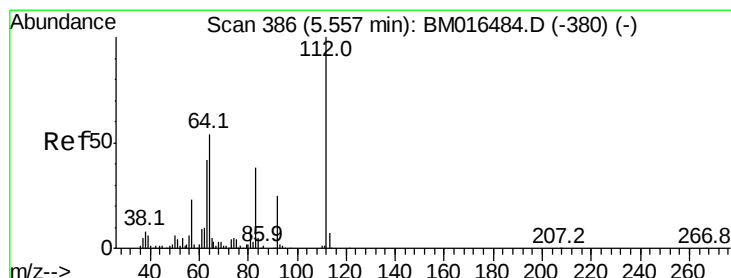
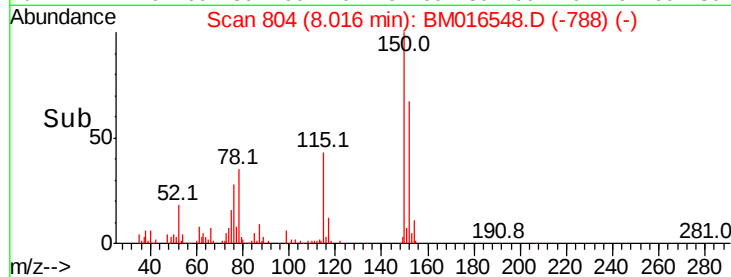
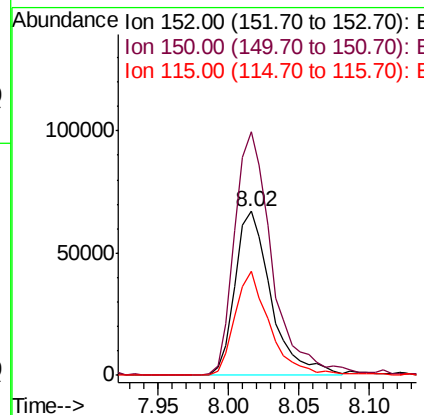
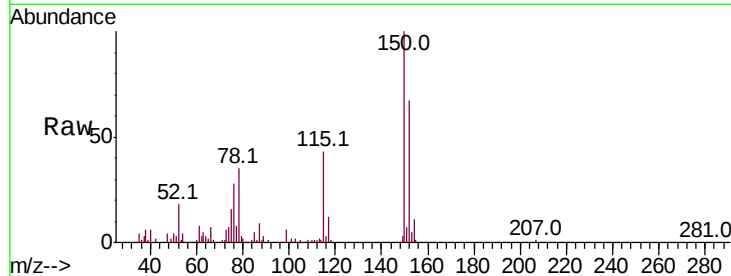


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016548.D
Acq: 23 Aug 2018 10:16

Instrument :
BNA_M
ClientSampleId :

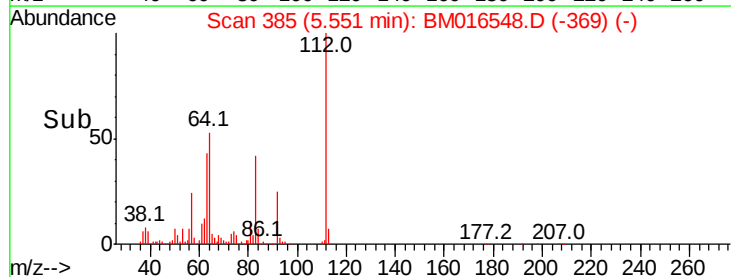
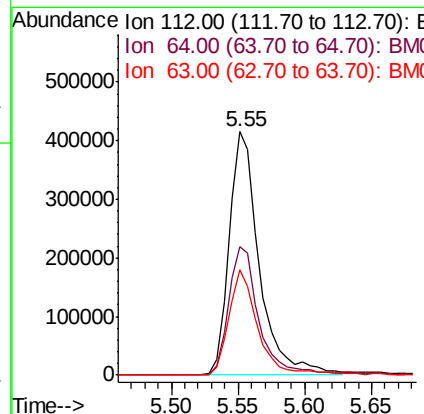
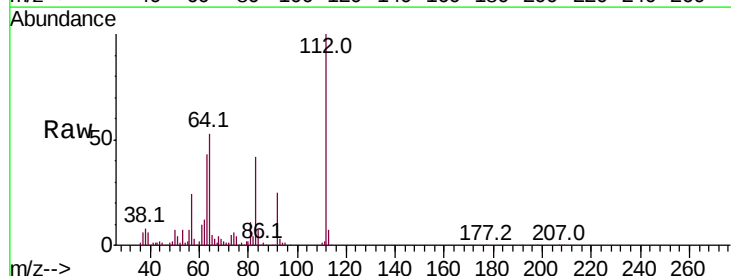
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	119.5	179.3
115	63.6	43.0	64.4

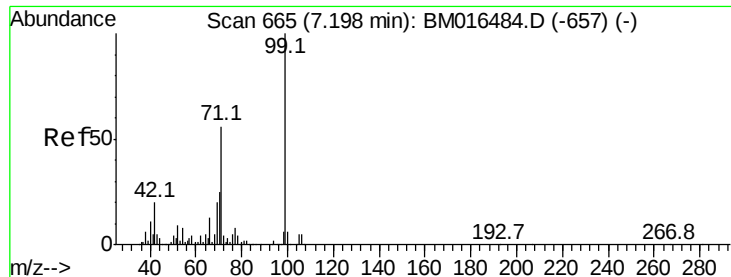


#5

2-Fluorophenol
Concen: Below ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016548.D
Acq: 23 Aug 2018 10:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	38.6	57.8
63	43.3	19.3	28.9





#7

Phenol-d6

Concen: N.D. ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

Instrument :

BNA_M

ClientSampleId :

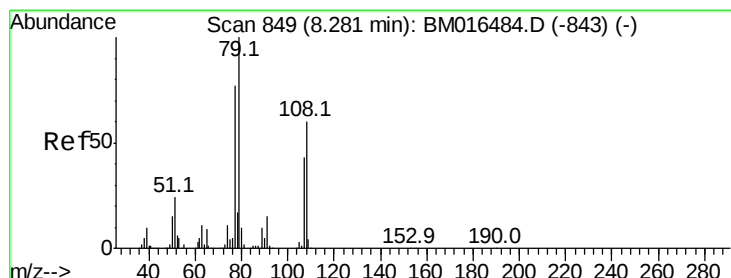
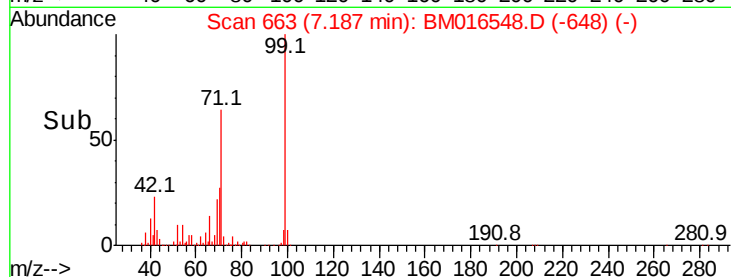
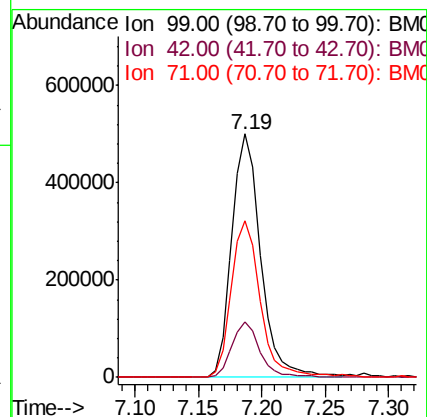
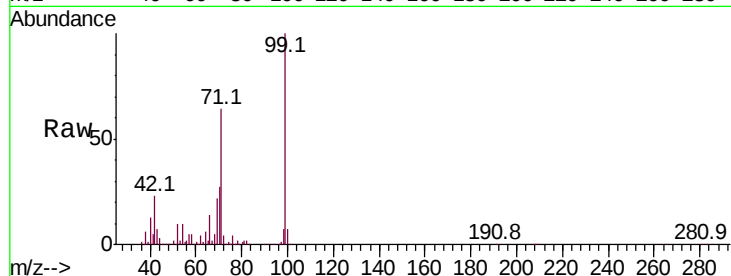
Tot Ion: 99 Resp: 790823

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

71 64.3 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.001 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

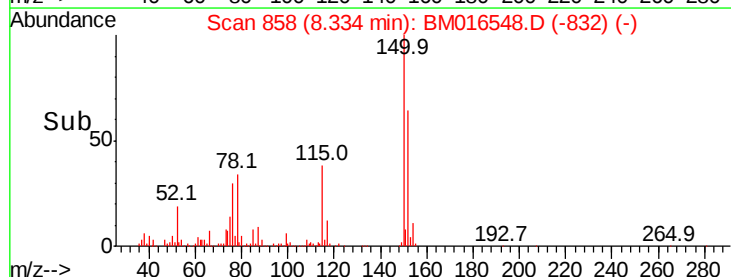
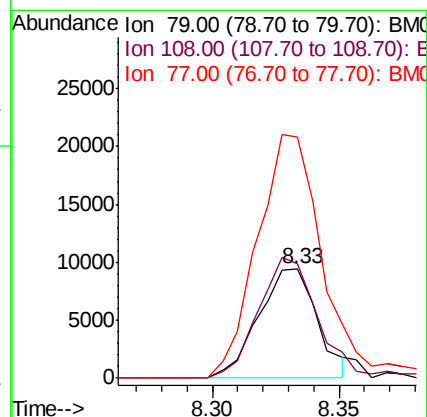
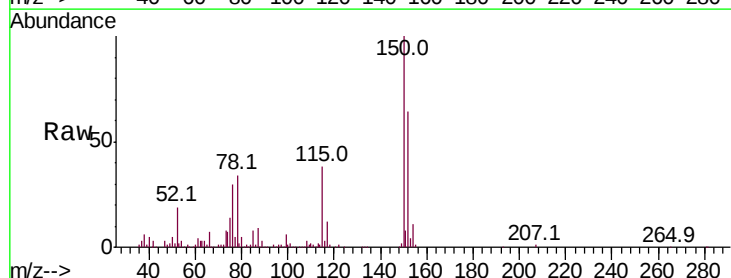
Tgt Ion: 79 Resp: 15149

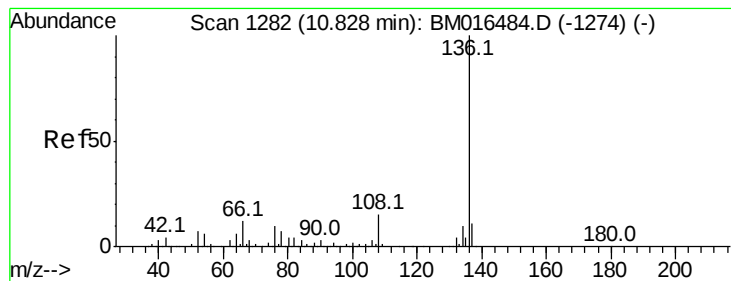
Ion Ratio Lower Upper

79 100

108 104.5 65.0 97.4#

77 220.3 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

Instrument :

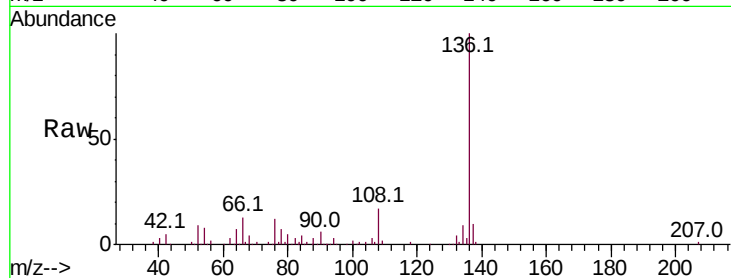
BNA_M

ClientSampleId :

Tot Ion:136 Resp: 380478

Ion Ratio Lower Upper

136	100		
137	10.3	8.7	13.1
54	7.7	4.6	6.8#
68	4.0	3.7	5.5

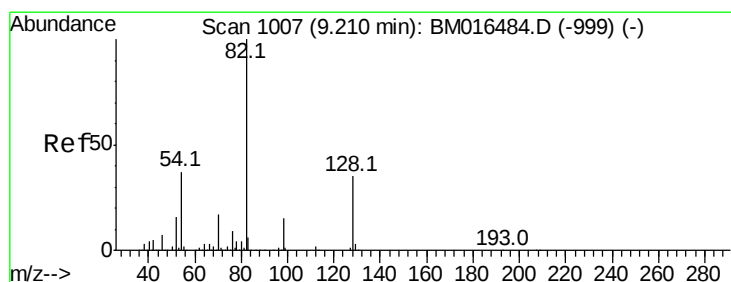
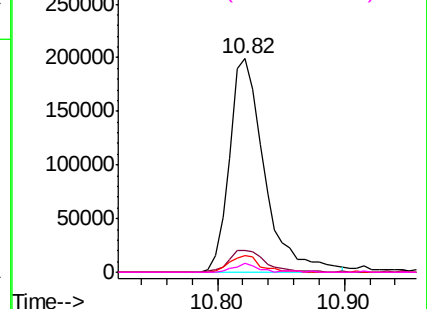
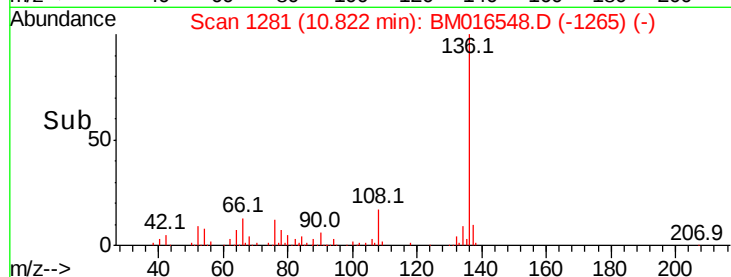


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

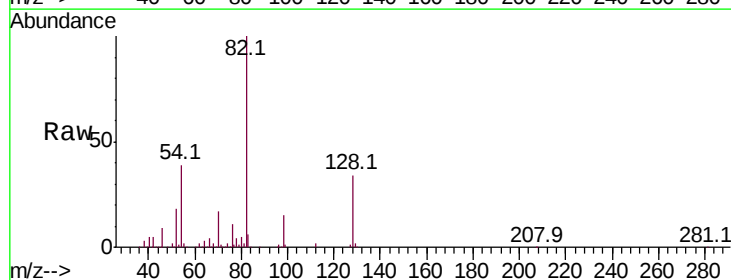
Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

Tgt Ion: 82 Resp: 639393

Ion Ratio Lower Upper

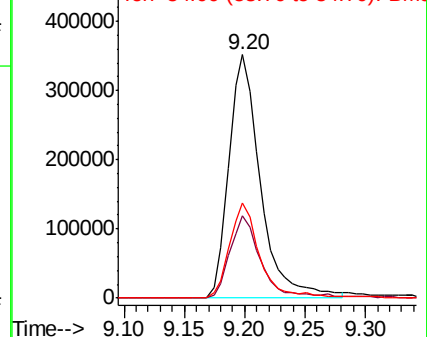
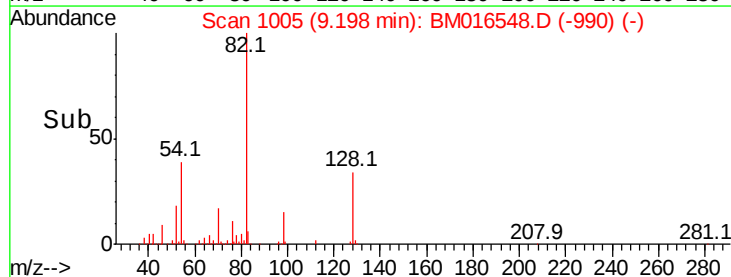
82	100		
128	33.7	32.8	49.2
54	39.2	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

Instrument :

BNA_M

ClientSampled :

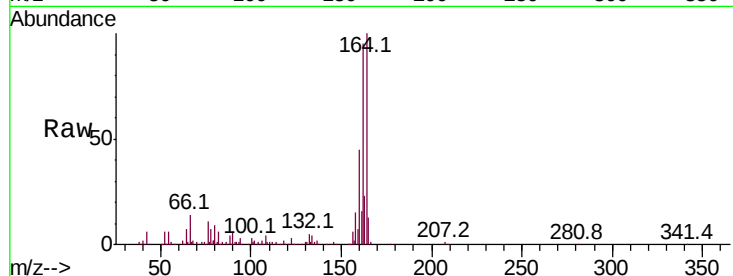
Tot Ion:164 Resp: 294066

Ion	Ratio	Lower	Upper
164	100		
162	94.7	82.4	123.6
160	45.4	35.8	53.6

164 100

162 94.7 82.4 123.6

160 45.4 35.8 53.6

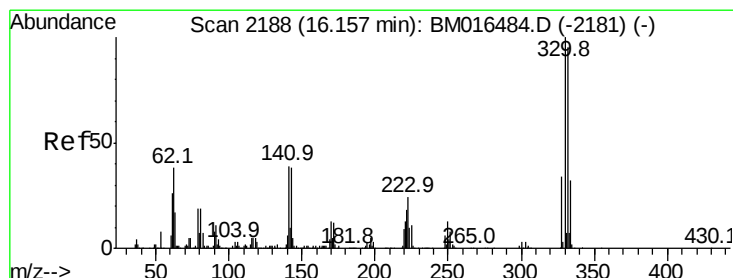
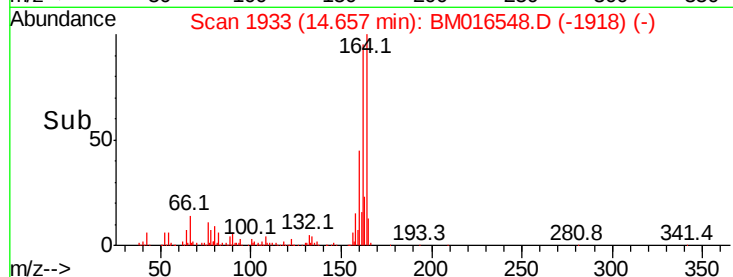
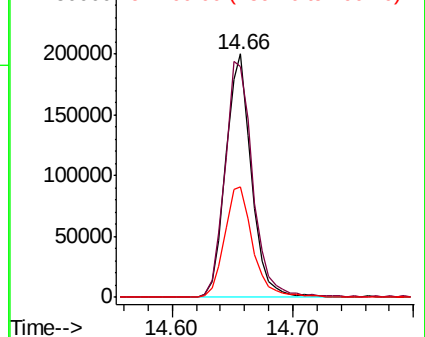


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.14 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

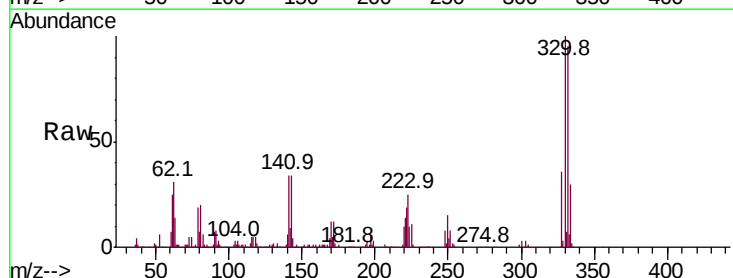
Tgt Ion:330 Resp: 922169

Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	33.6	0.0	0.0#

330 100

332 94.6 0.0 0.0#

141 33.6 0.0 0.0#

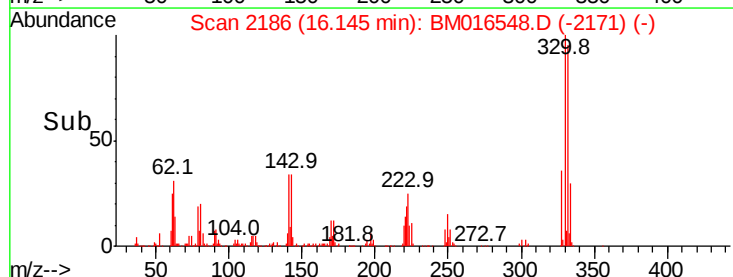
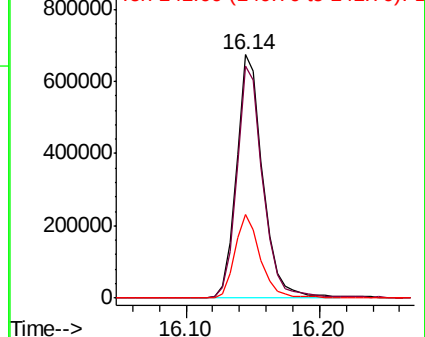


Abundance

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

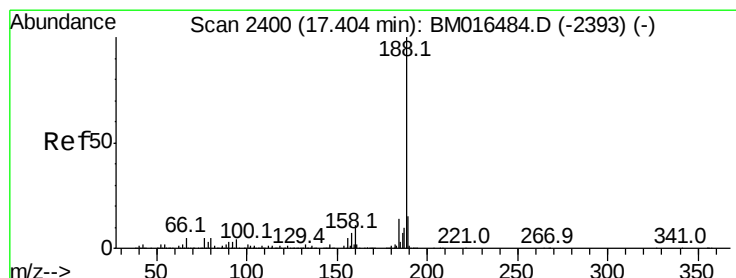
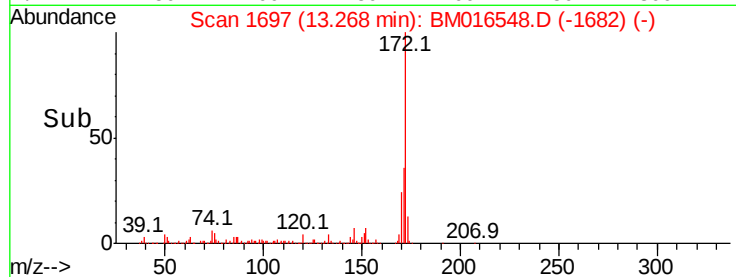
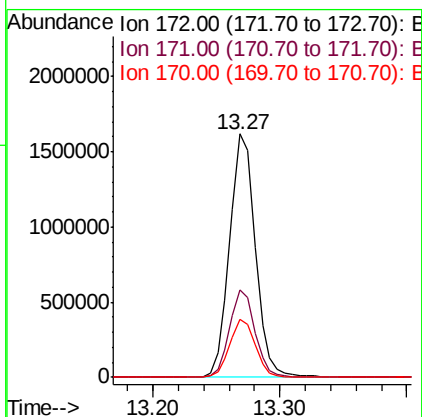
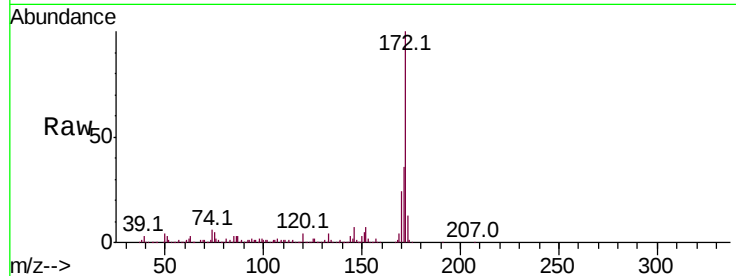




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016548.D
Acq: 23 Aug 2018 10:16

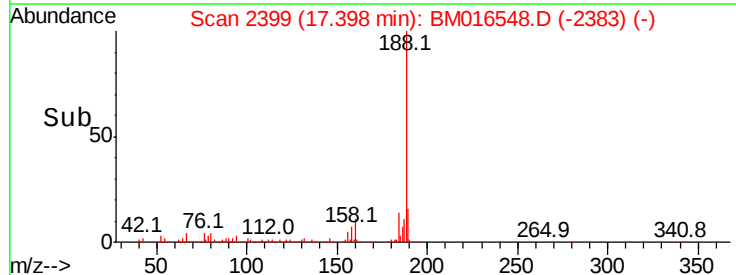
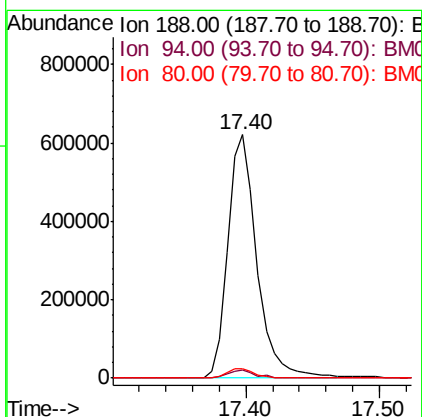
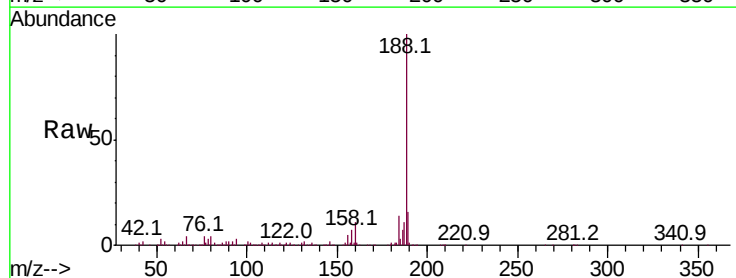
Instrument :
BNA_M
ClientSampleId :

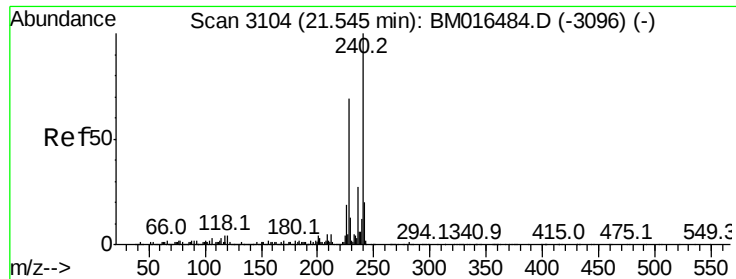
Tot Ion:172 Resp: 2272555
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016548.D
Acq: 23 Aug 2018 10:16

Tgt Ion:188 Resp: 943601
Ion Ratio Lower Upper
188 100
94 3.3 8.7 13.1#
80 3.8 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: BM016548.D

Acq: 23 Aug 2018 10:16

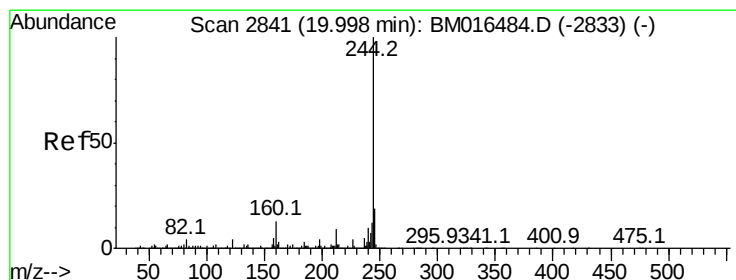
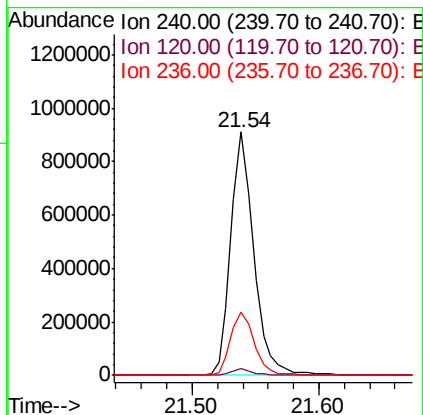
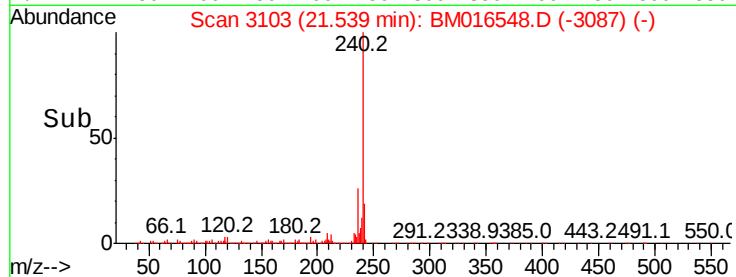
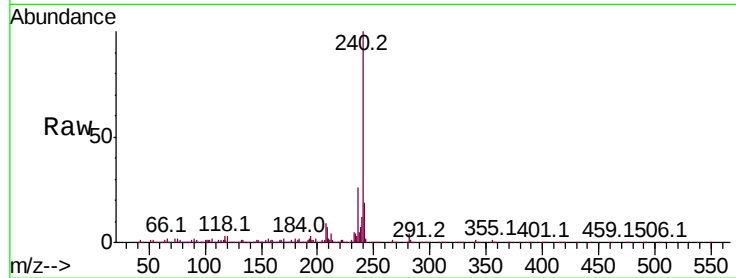
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1146154

Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	25.7	20.0	30.0



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2839

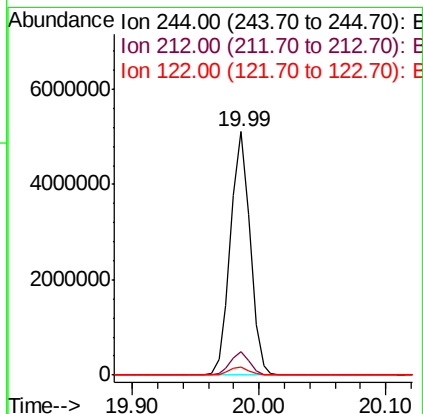
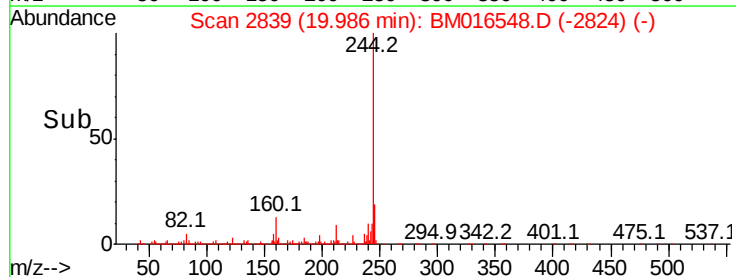
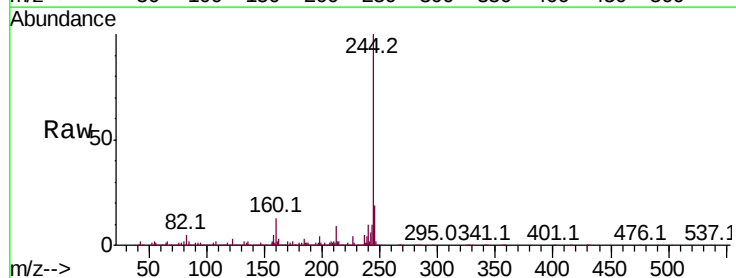
Delta R.T. -0.01 min

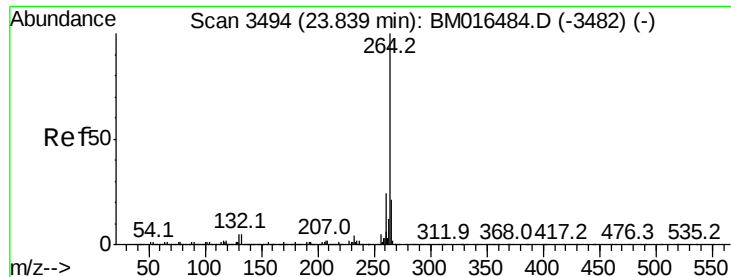
Lab File: BM016548.D

Acq: 23 Aug 2018 10:16

Tgt Ion:244 Resp: 5463116

Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	3.2	6.2	9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM016548.D
 Acq: 23 Aug 2018 10:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1307745

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	21.9	17.3	25.9

