

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016529.D
 Acq On : 22 Aug 2018 21:34
 Operator : SJ/JU
 Sample : J4573-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 02:40:26 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

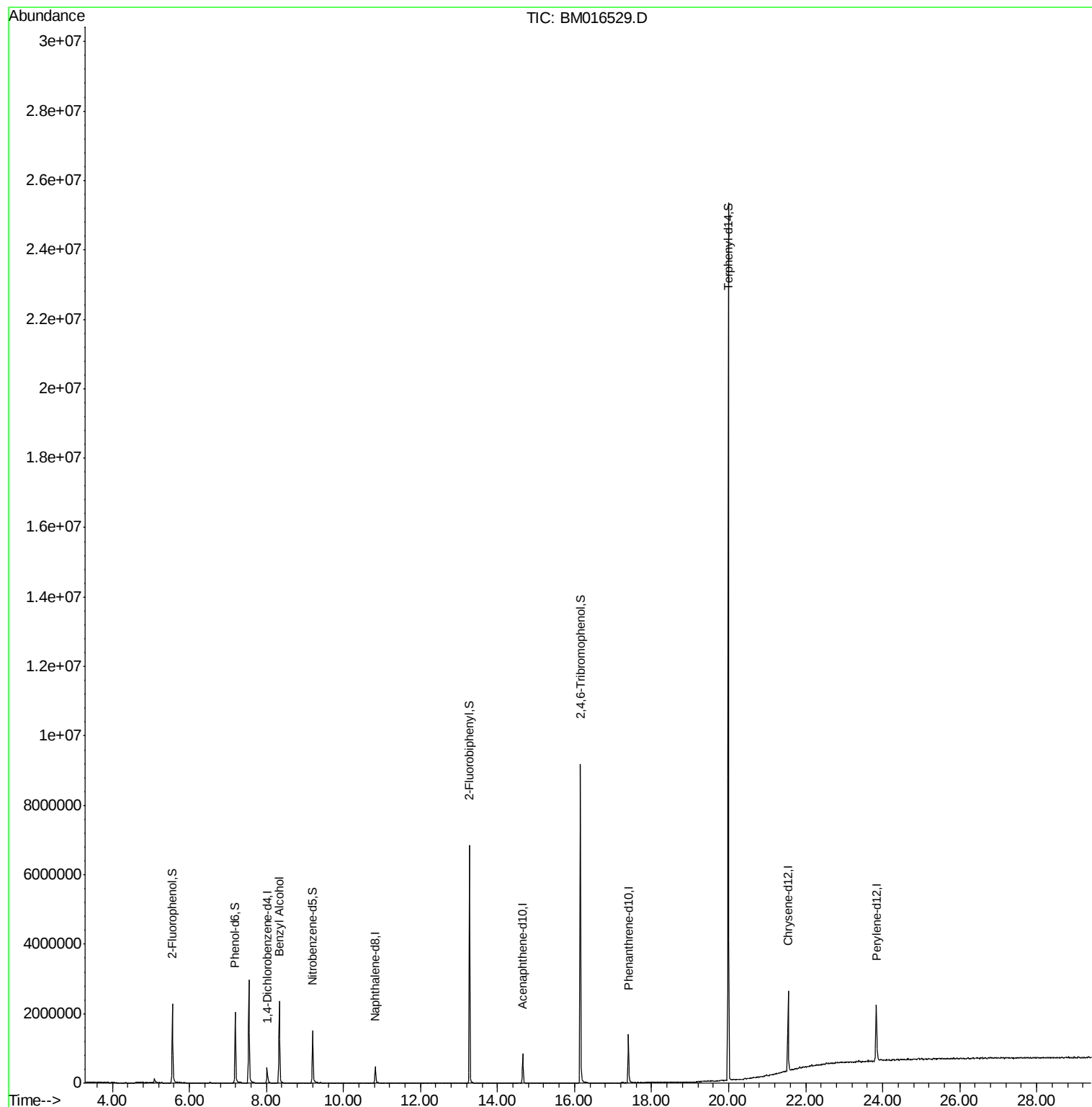
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	101844	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	327501	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	242703	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	840082	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1112203	20.00	ng	0.00
86) Perylene-d12	23.83	264	1277738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	742354	142.84	ng	0.00
7) Phenol-d6	7.19	99	789736	114.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	842804	117.50	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1542063	227.29	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2957499	117.13	ng	0.00
78) Terphenyl-d14	19.99	244	9163599	174.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	17995	2.818	ng	Qvalue # 1

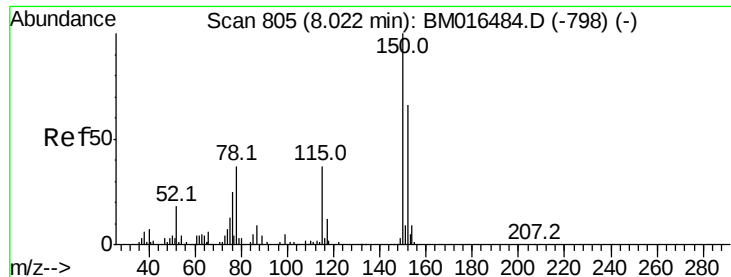
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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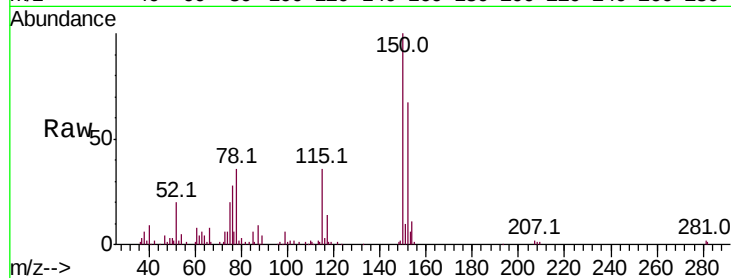


#1

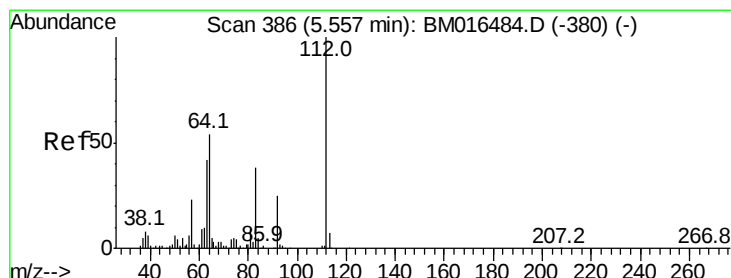
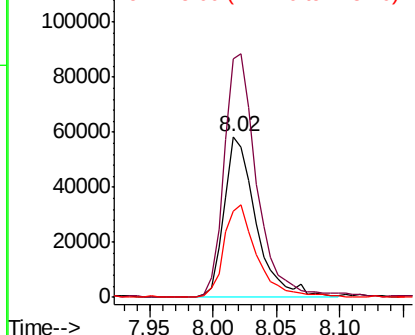
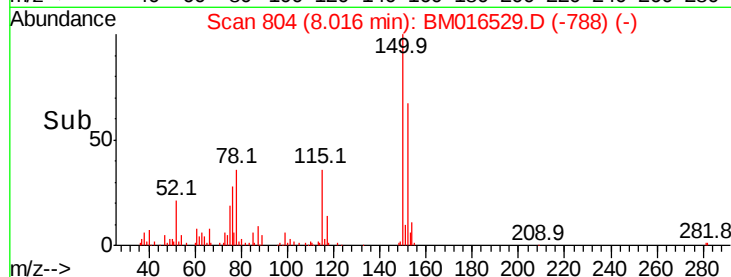
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	53.8	43.0	64.4



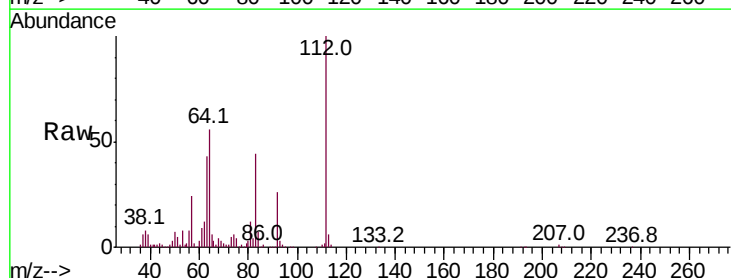
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



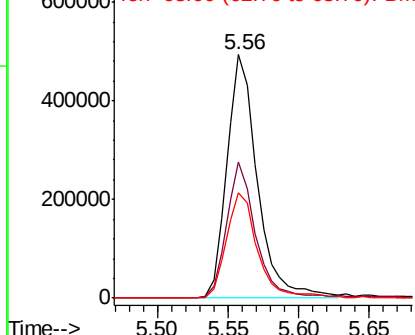
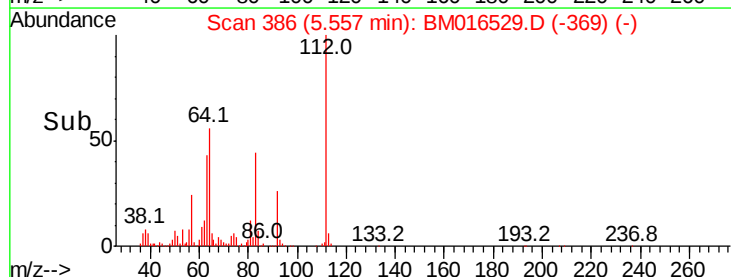
#5

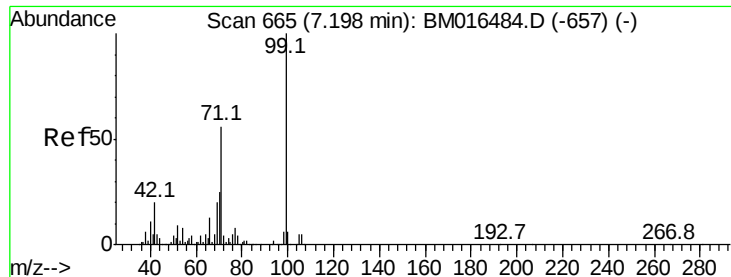
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	38.6	57.8
63	43.0	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: N.D. ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

Instrument :

BNA_M

ClientSampleId :

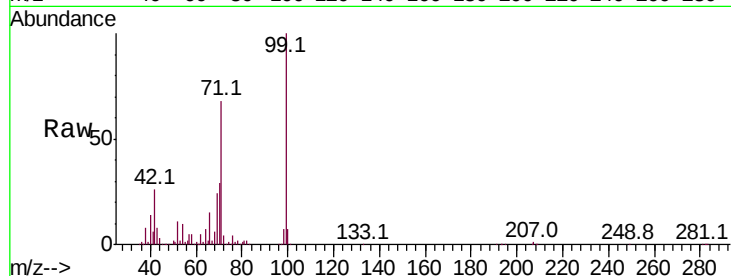
Tot Ion: 99 Resp: 789736

Ion Ratio Lower Upper

99 100

42 25.7 11.0 16.4#

71 68.4 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) (-)

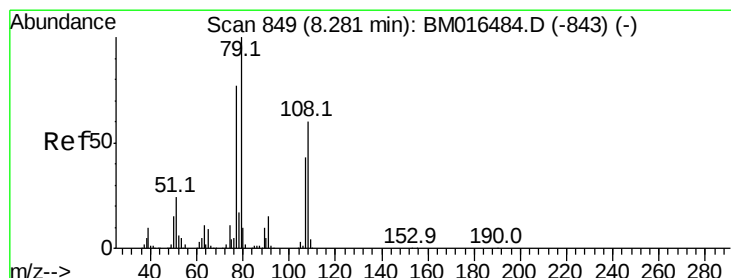
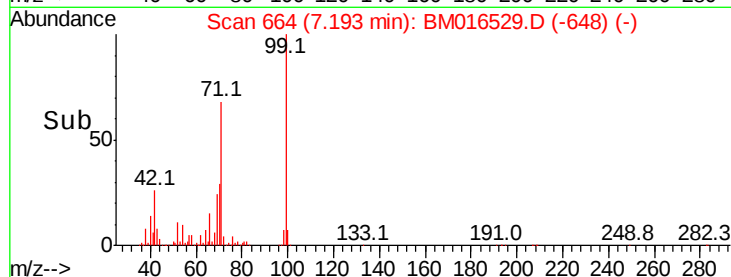
7.19

400000

200000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#15

Benzyl Alcohol

Concen: 2.818 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

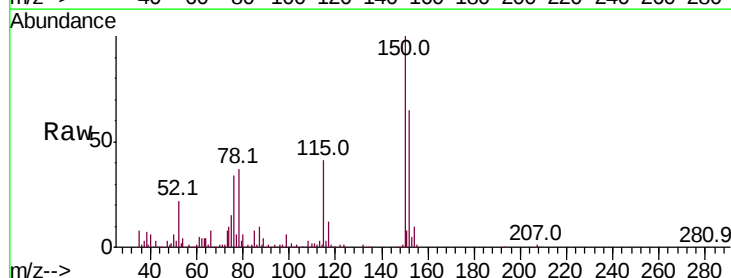
Tgt Ion: 79 Resp: 17995

Ion Ratio Lower Upper

79 100

108 102.0 65.0 97.4#

77 225.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

8.33

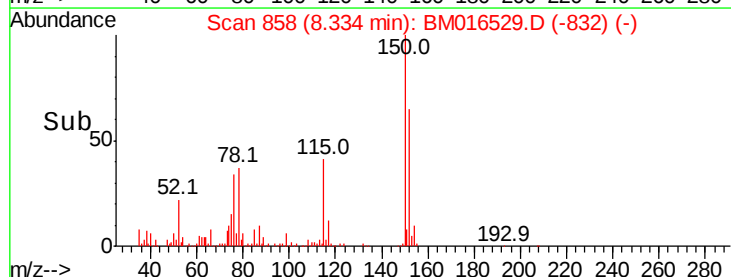
30000

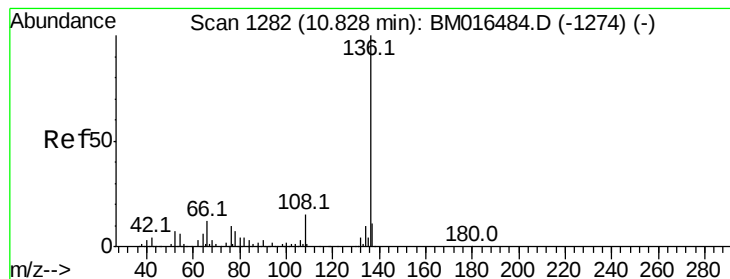
20000

10000

0

Time--> 8.30 8.35





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 327501

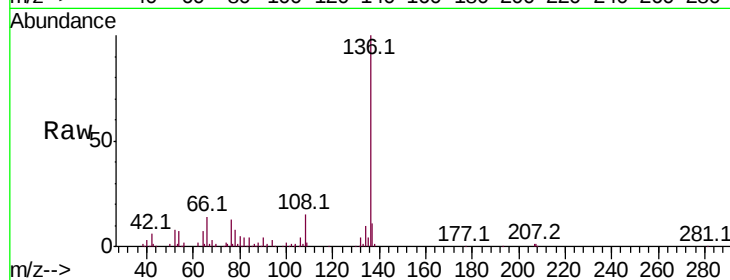
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 4.6 6.8

68 2.9 3.7 5.5#

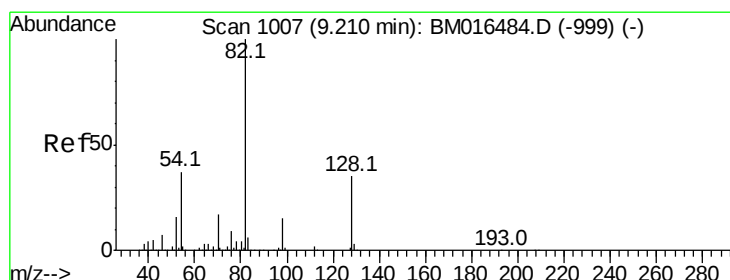
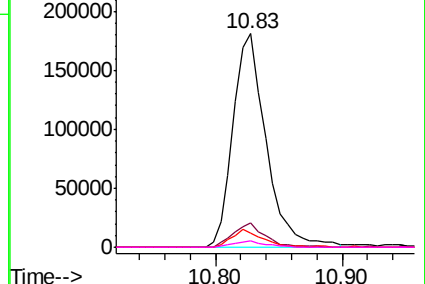
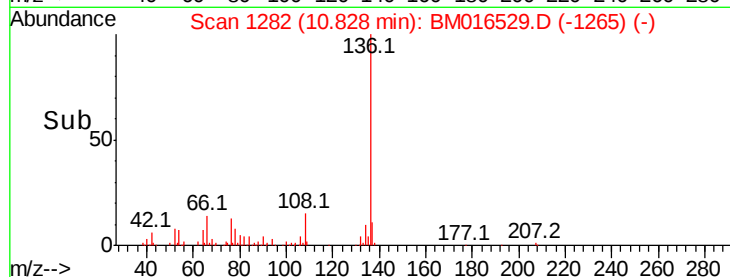


Abundance Ion 136.00 (135.70 to 136.70): E

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# 1006

Delta R.T. -0.01 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

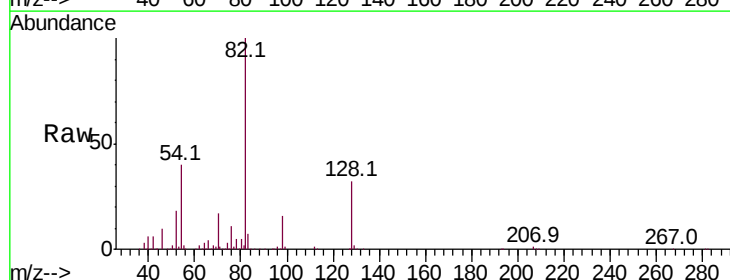
Tgt Ion: 82 Resp: 842804

Ion Ratio Lower Upper

82 100

128 31.8 32.8 49.2#

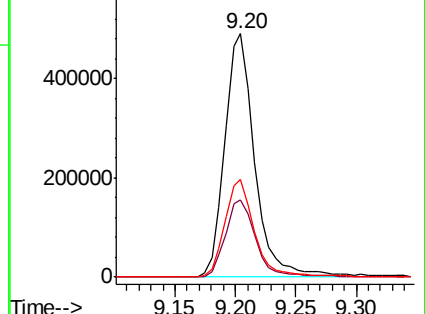
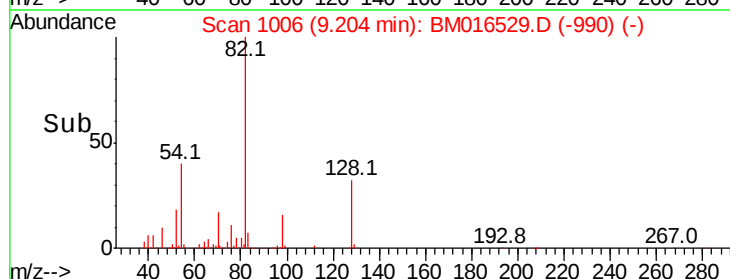
54 40.1 40.6 60.8#

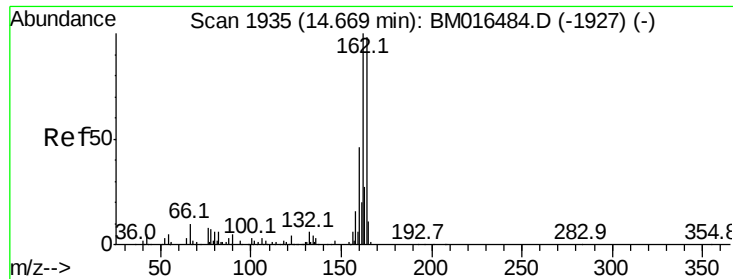


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

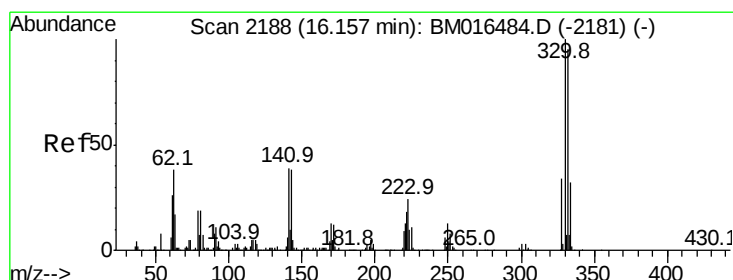
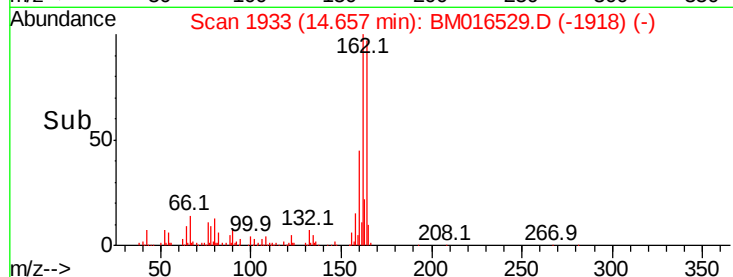
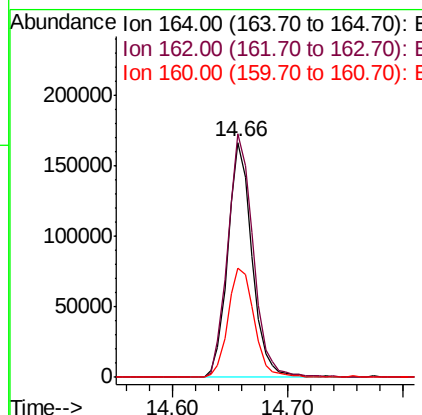
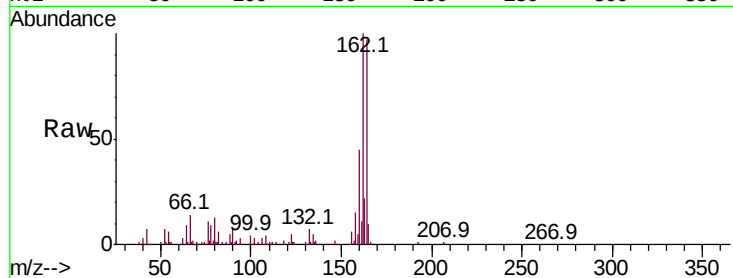




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

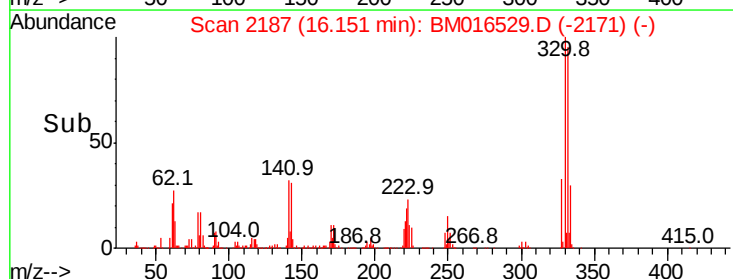
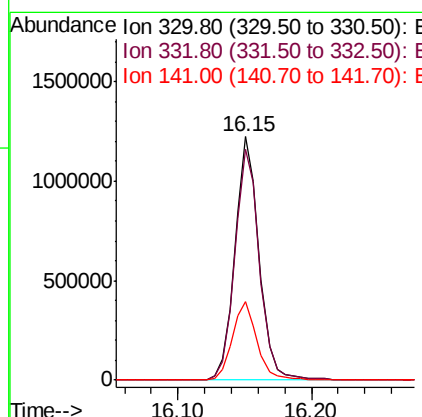
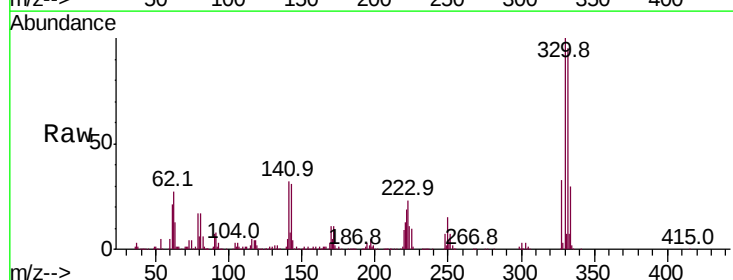
Instrument :
BNA_M
ClientSampleId :

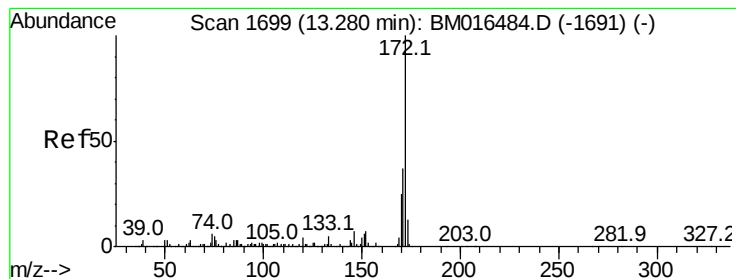
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	46.3	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.4	0.0	0.0#

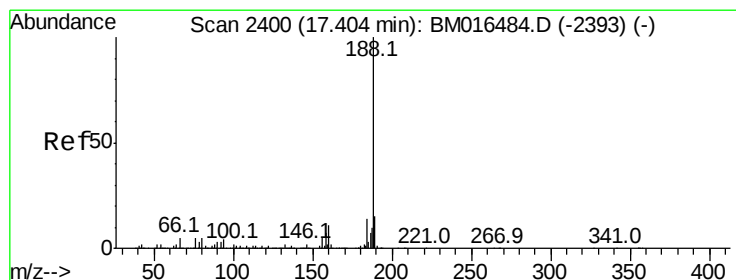
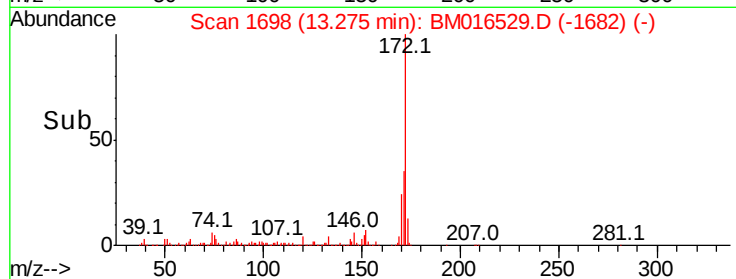
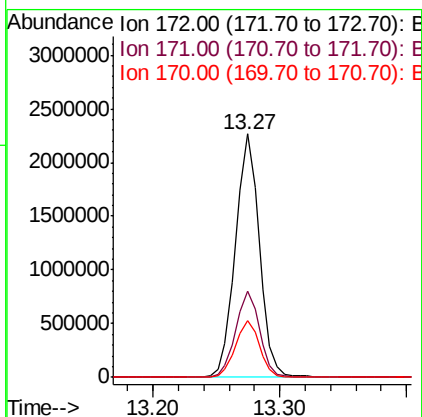
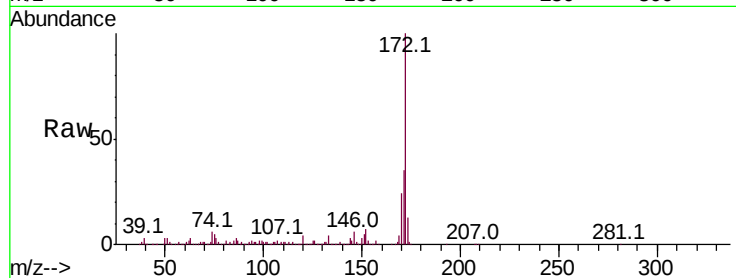




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

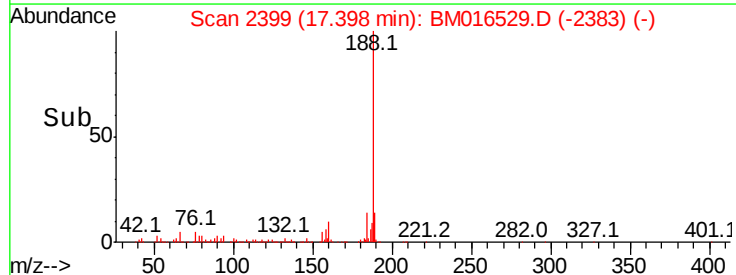
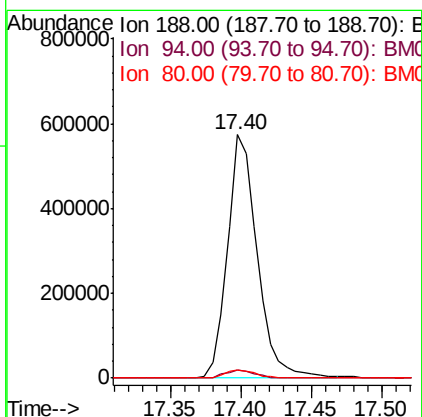
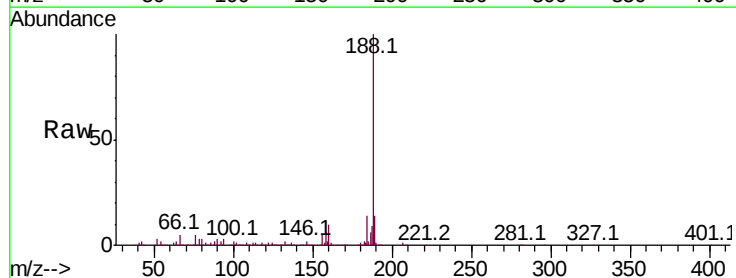
Instrument :
BNA_M
ClientSampleId :

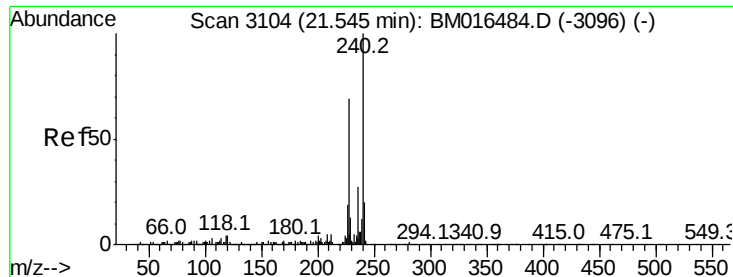
Tot Ion:172 Resp: 2957499
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.5 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016529.D
Acq: 22 Aug 2018 21:34

Tgt Ion:188 Resp: 840082
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.2 9.3 13.9#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

Instrument :

BNA_M

ClientSampled :

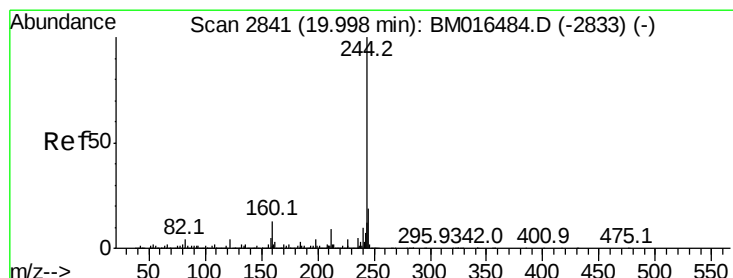
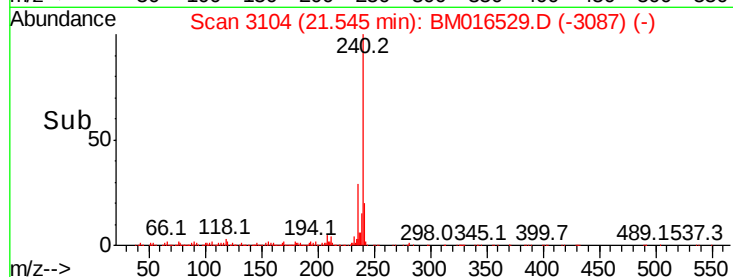
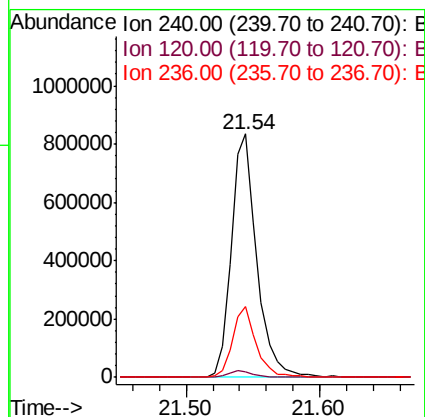
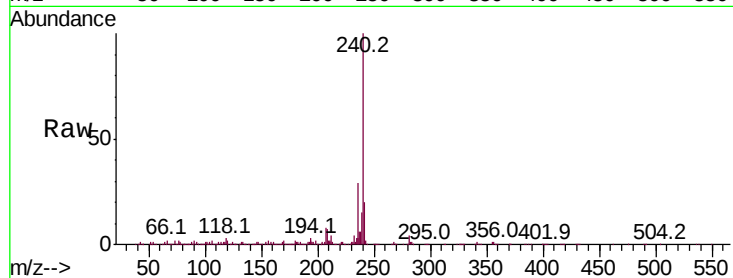
Tot Ion:240 Resp: 1112203

Ion Ratio Lower Upper

240 100

120 2.5 8.2 12.2#

236 28.9 20.0 30.0



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016529.D

Acq: 22 Aug 2018 21:34

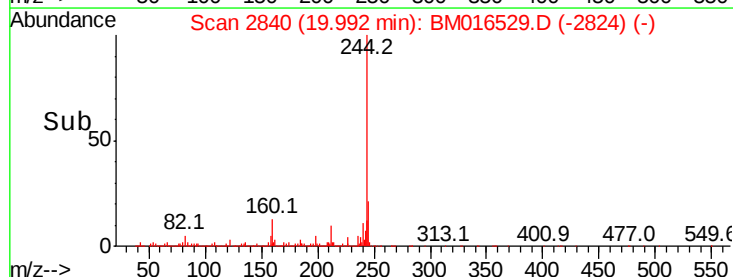
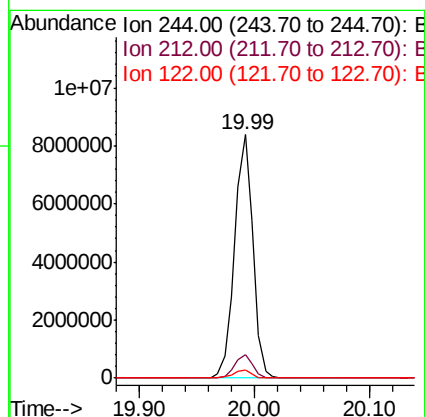
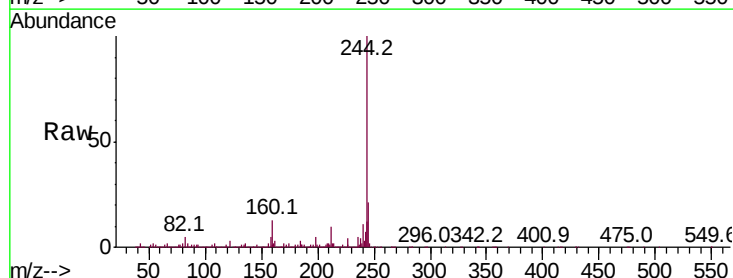
Tgt Ion:244 Resp: 9163599

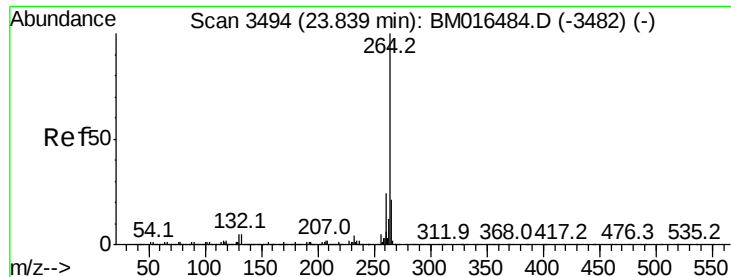
Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

122 3.3 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016529.D
 Acq: 22 Aug 2018 21:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1277738

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	20.7	17.3	25.9

