

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016501.D
 Acq On : 22 Aug 2018 01:43
 Operator : SJ/JU
 Sample : J4539-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 02:21:39 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

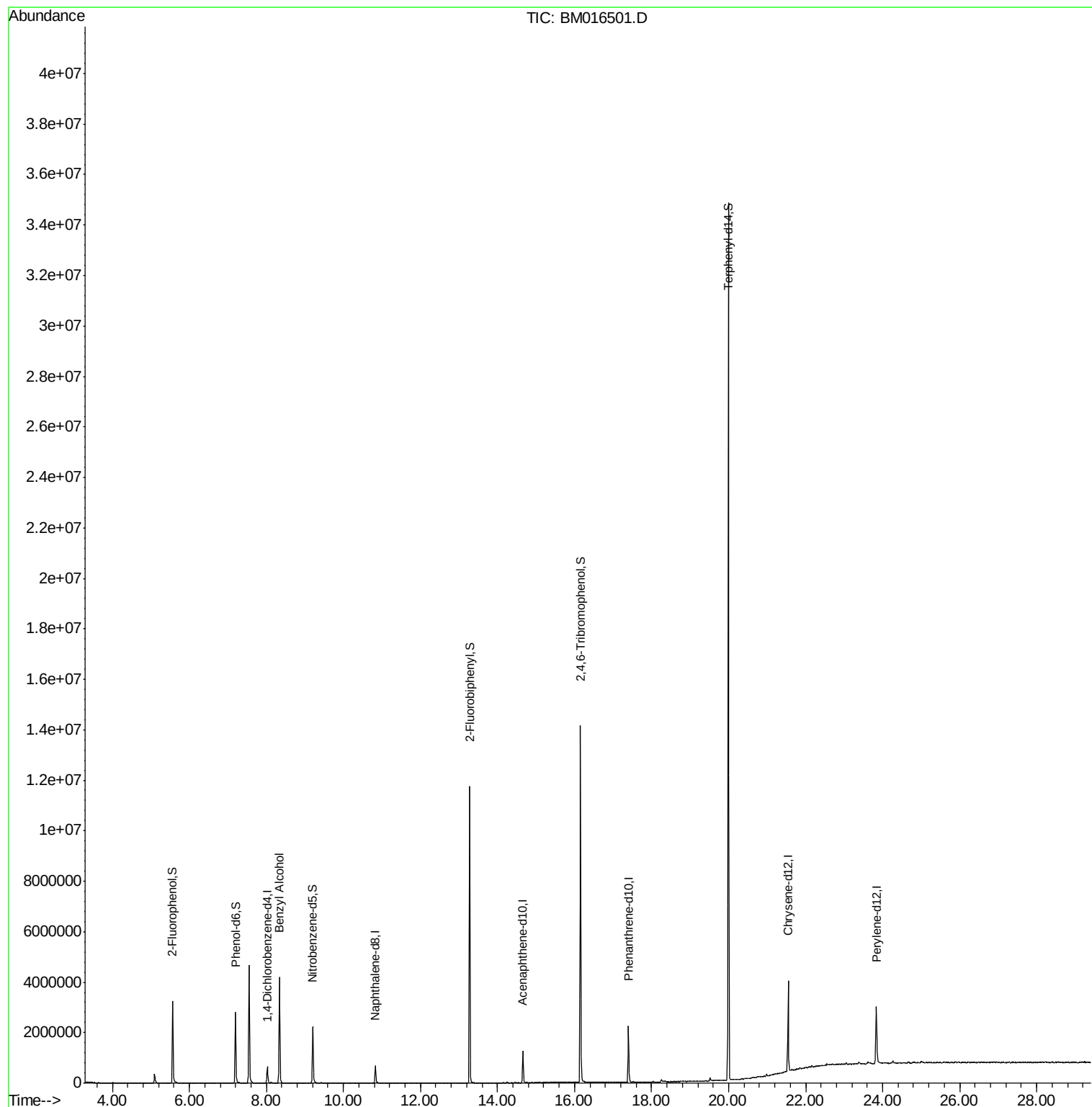
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	152724	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	465000	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	366462	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1305817	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1648460	20.00	ng	0.00
86) Perylene-d12	23.83	264	1758687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1070764	137.39	ng	0.00
7) Phenol-d6	7.20	99	1146661	111.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	1285576	126.23	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2458951	240.03	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	5117140	134.22	ng	0.00
78) Terphenyl-d14	19.99	244	11196553	143.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	32418	3.385	ng	Qvalue # 23

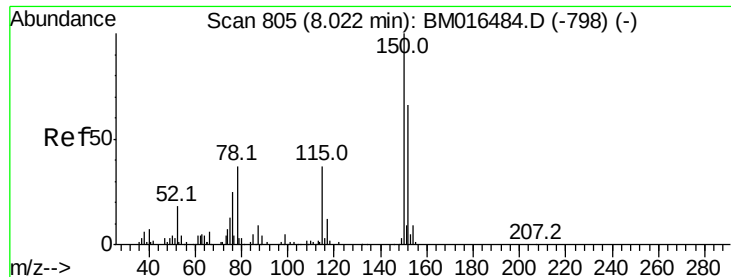
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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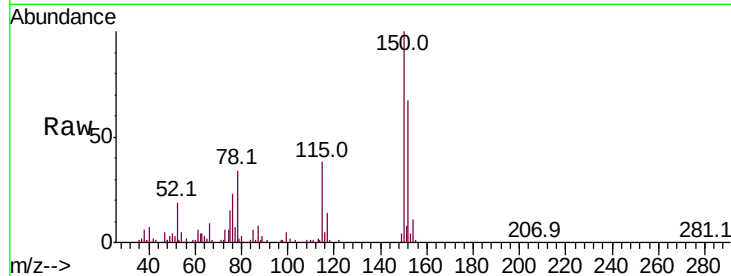


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	57.3	43.0	64.4

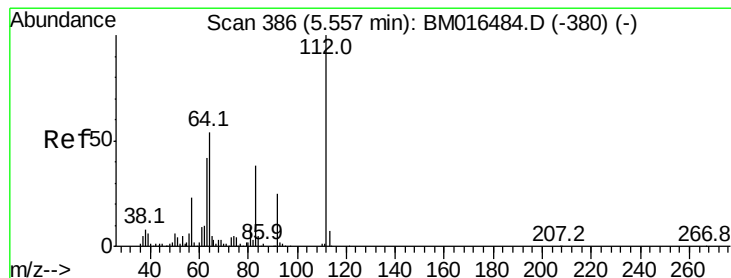
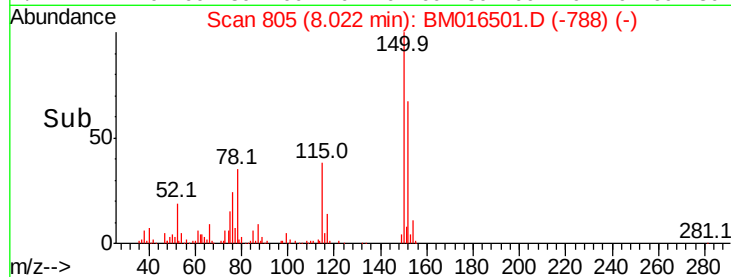
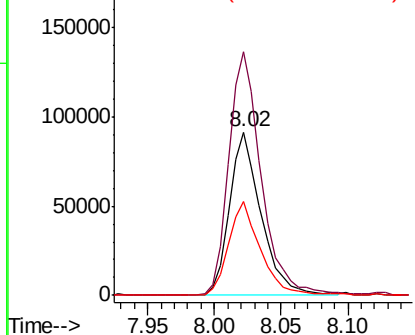


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

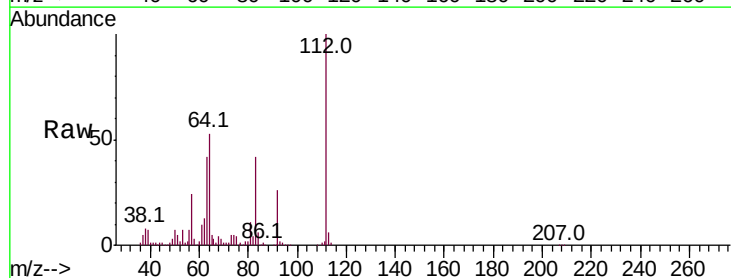
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	38.6	57.8
63	42.2	19.3	28.9

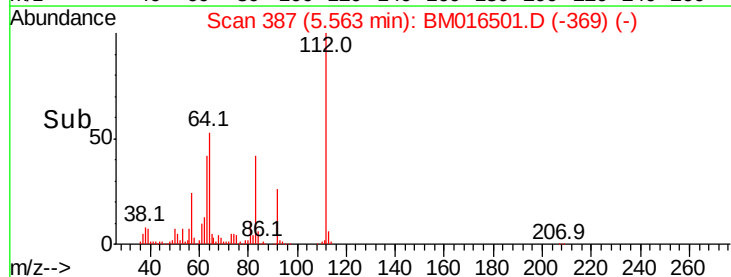
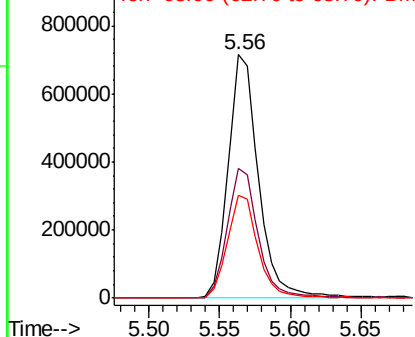


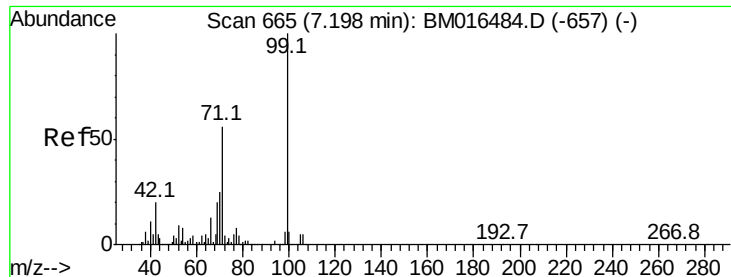
Abundance

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: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

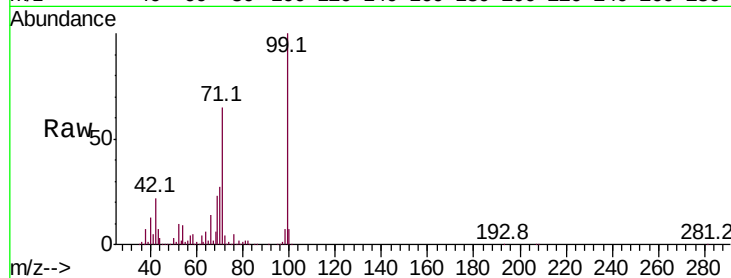
Tot Ion: 99 Resp: 1146661

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

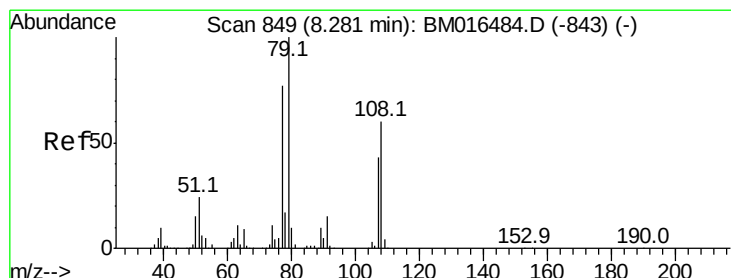
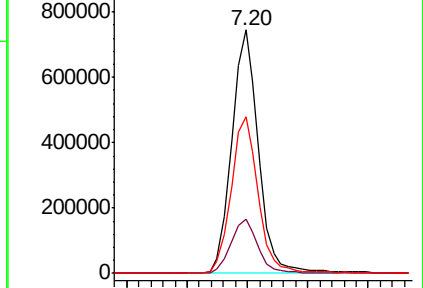
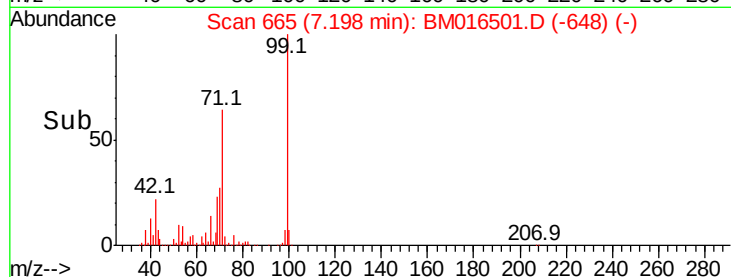
71 64.5 23.4 35.2#



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) (-)



#15

Benzyl Alcohol

Concen: 3.385 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

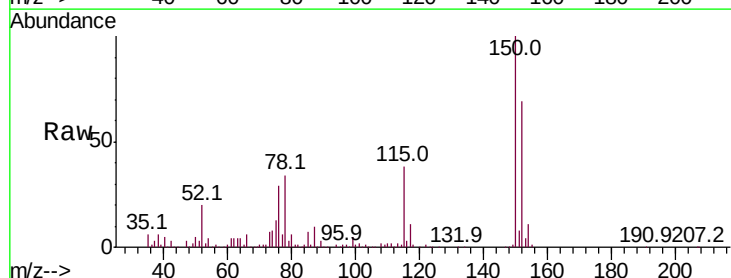
Tgt Ion: 79 Resp: 32418

Ion Ratio Lower Upper

79 100

108 80.9 65.0 97.4

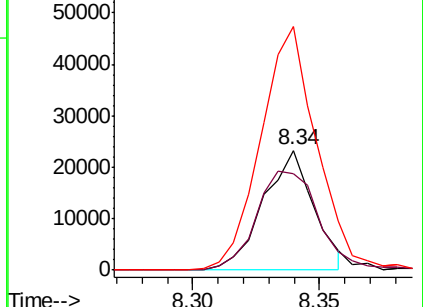
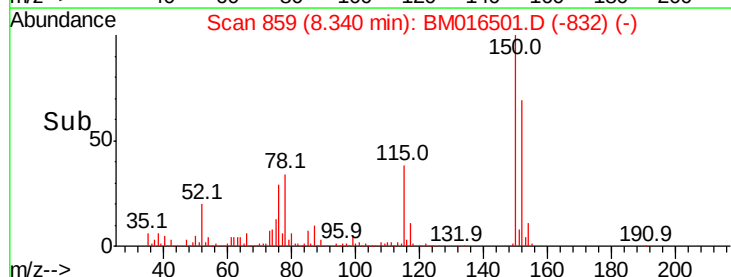
77 203.1 53.0 79.6#

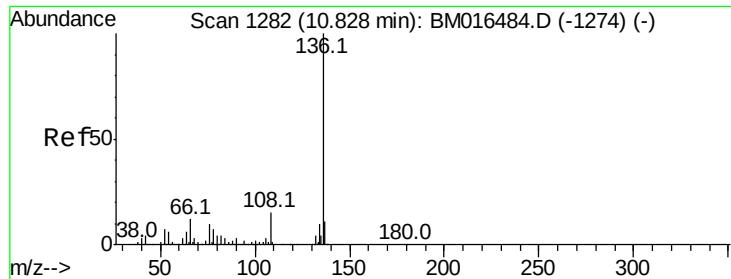


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 465000

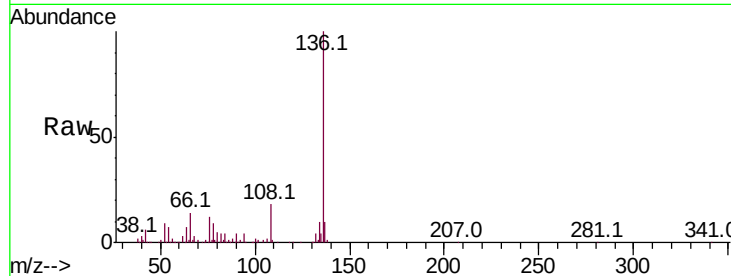
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.8 4.6 6.8#

68 3.4 3.7 5.5#

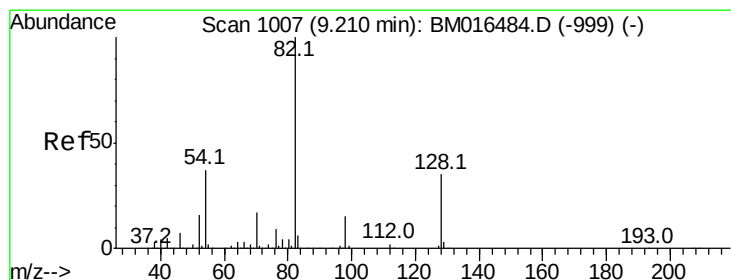
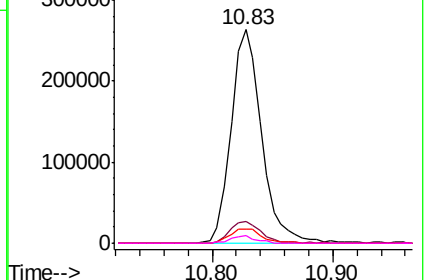
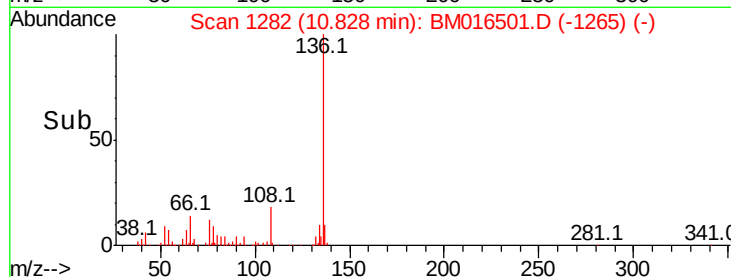


Abundance Ion 136.00 (135.70 to 136.70): E

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: Below ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

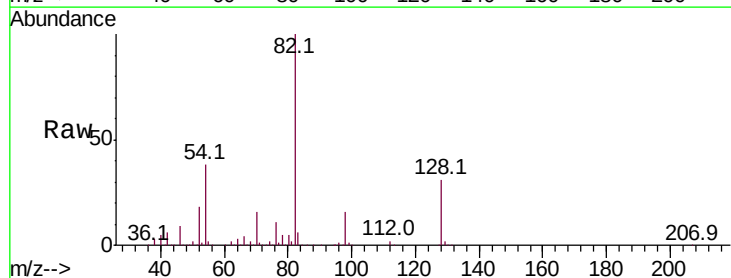
Tgt Ion: 82 Resp: 1285576

Ion Ratio Lower Upper

82 100

128 31.4 32.8 49.2#

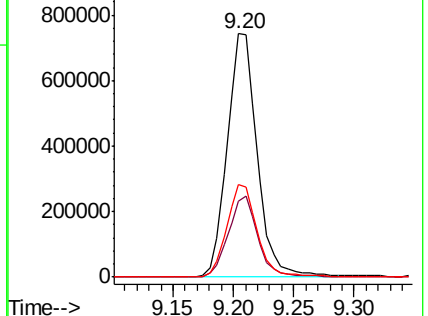
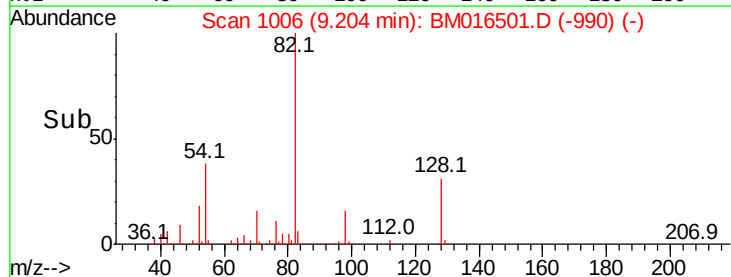
54 38.3 40.6 60.8#

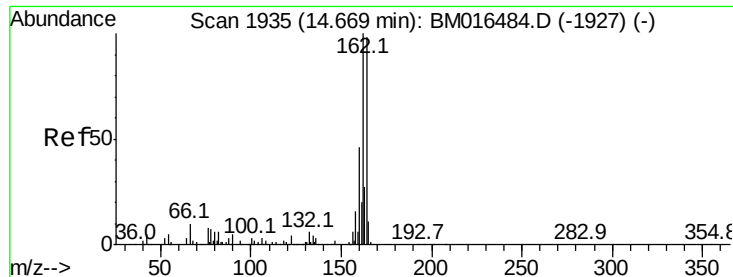


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM016501.D

Acq: 22 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

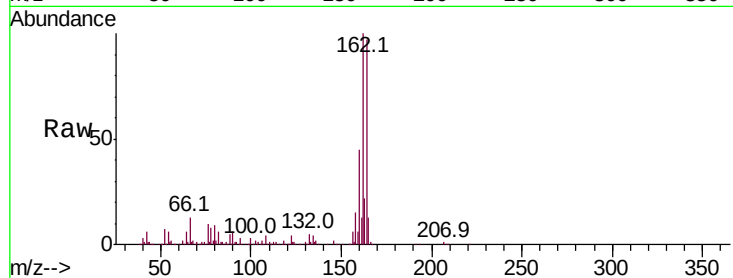
Tot Ion:164 Resp: 366462

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.4	123.6
160	46.2	35.8	53.6

164 100

162 102.7 82.4 123.6

160 46.2 35.8 53.6

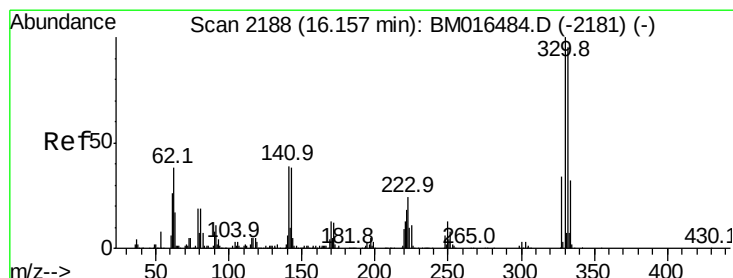
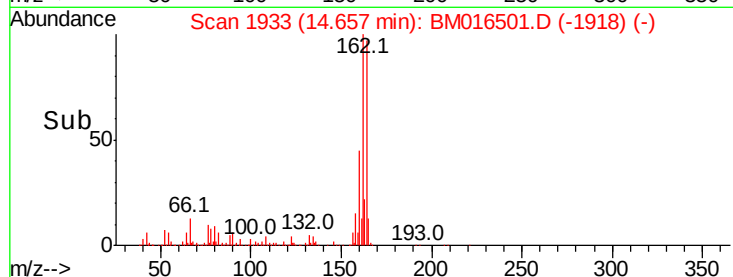
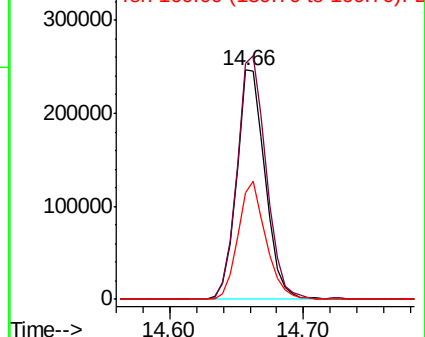


Abundance

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: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016501.D

Acq: 22 Aug 2018 01:43

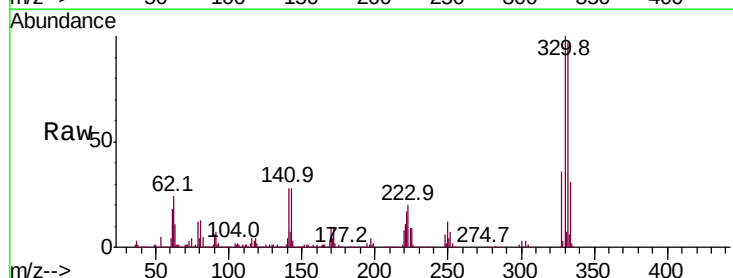
Tgt Ion:330 Resp: 2458951

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	30.9	0.0	0.0#

330 100

332 96.1 0.0 0.0#

141 30.9 0.0 0.0#

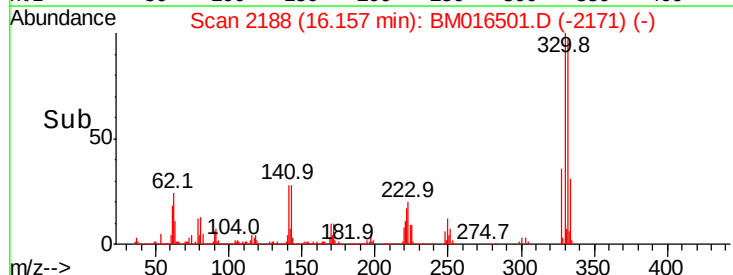
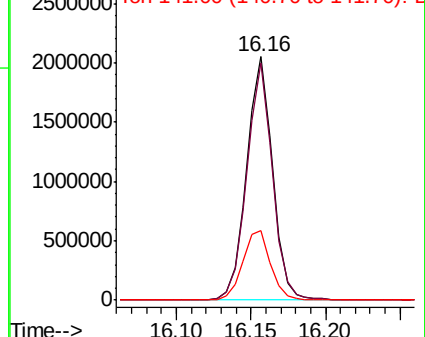


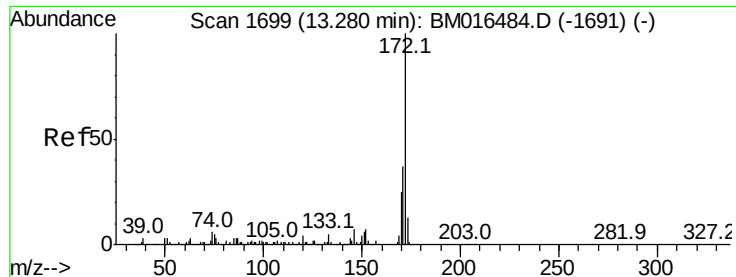
Abundance

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

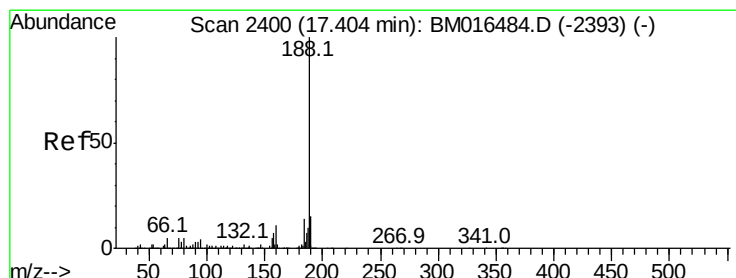
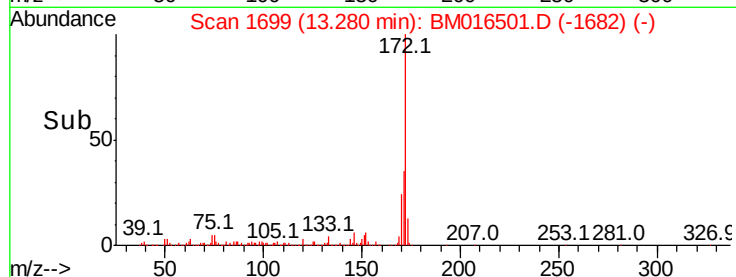
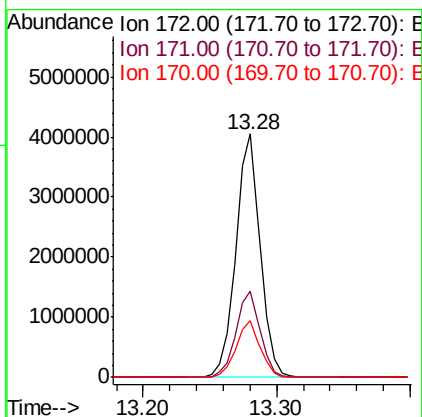
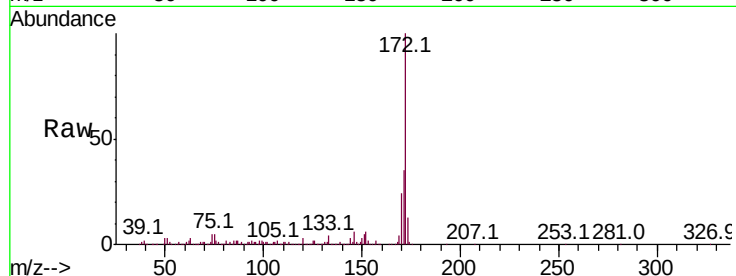




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

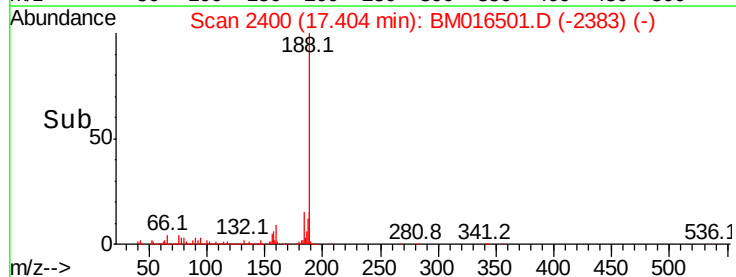
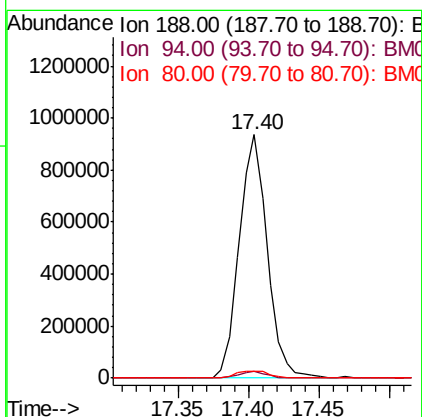
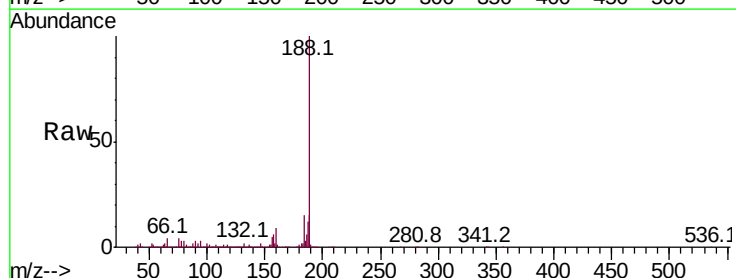
Instrument :
BNA_M
ClientSampleId :

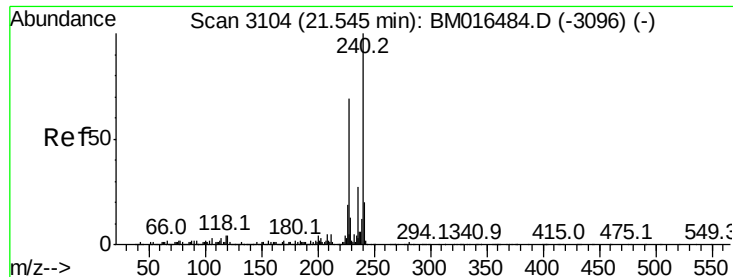
Tot Ion:172 Resp: 5117140
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016501.D
Acq: 22 Aug 2018 01:43

Tgt Ion:188 Resp: 1305817
Ion Ratio Lower Upper
188 100
94 3.0 8.7 13.1#
80 2.7 9.3 13.9#

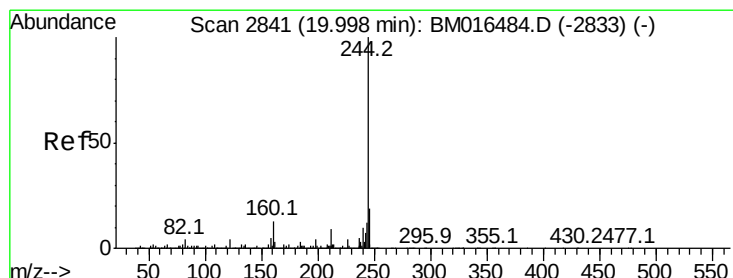
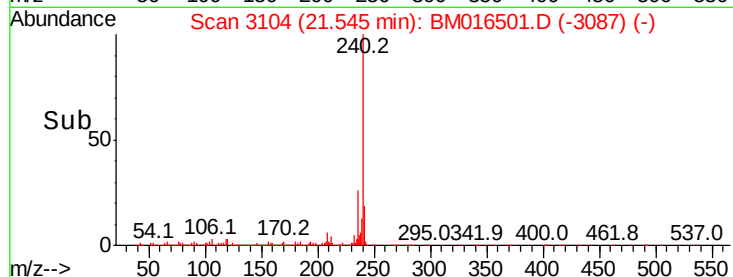
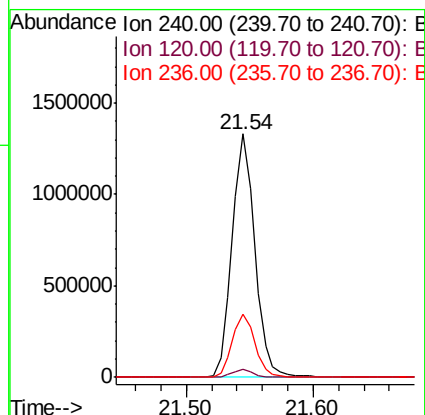
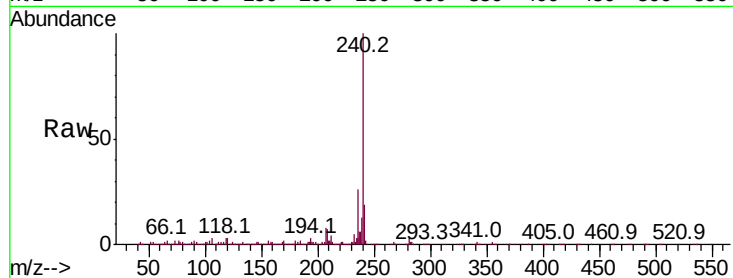




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

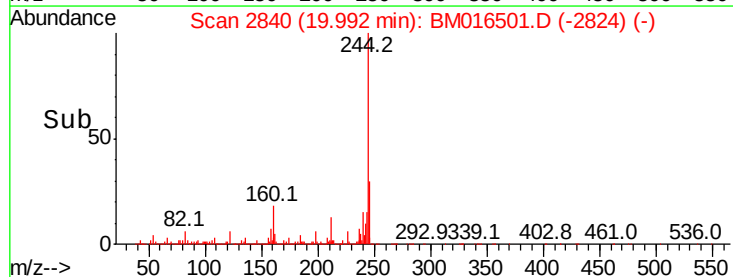
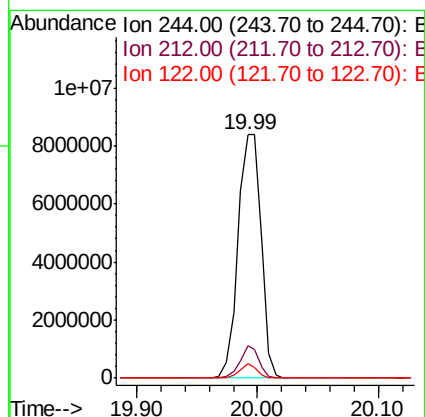
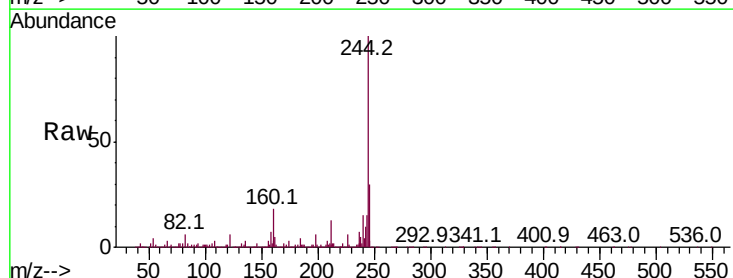
Instrument :
 BNA_M
 ClientSampleId :

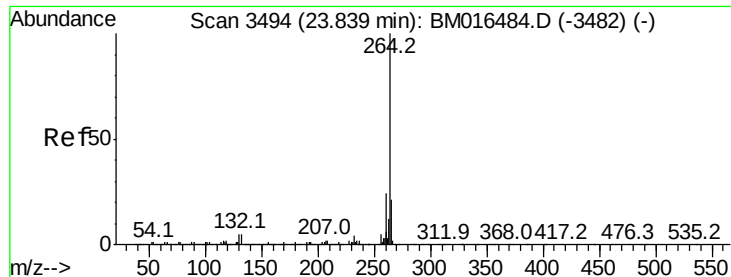
Tot Ion:240 Resp: 1648460
 Ion Ratio Lower Upper
 240 100
 120 3.1 8.2 12.2#
 236 26.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: Below ng
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016501.D
 Acq: 22 Aug 2018 01:43

Tgt Ion:244 Resp:11196553
 Ion Ratio Lower Upper
 244 100
 212 13.2 4.9 7.3#
 122 5.7 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: BM016501.D
Acq: 22 Aug 2018 01:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1758687

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.1	17.3	25.9

