

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016513.D
 Acq On : 22 Aug 2018 10:23
 Operator : SJ/JU
 Sample : J4275-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 11:32:55 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

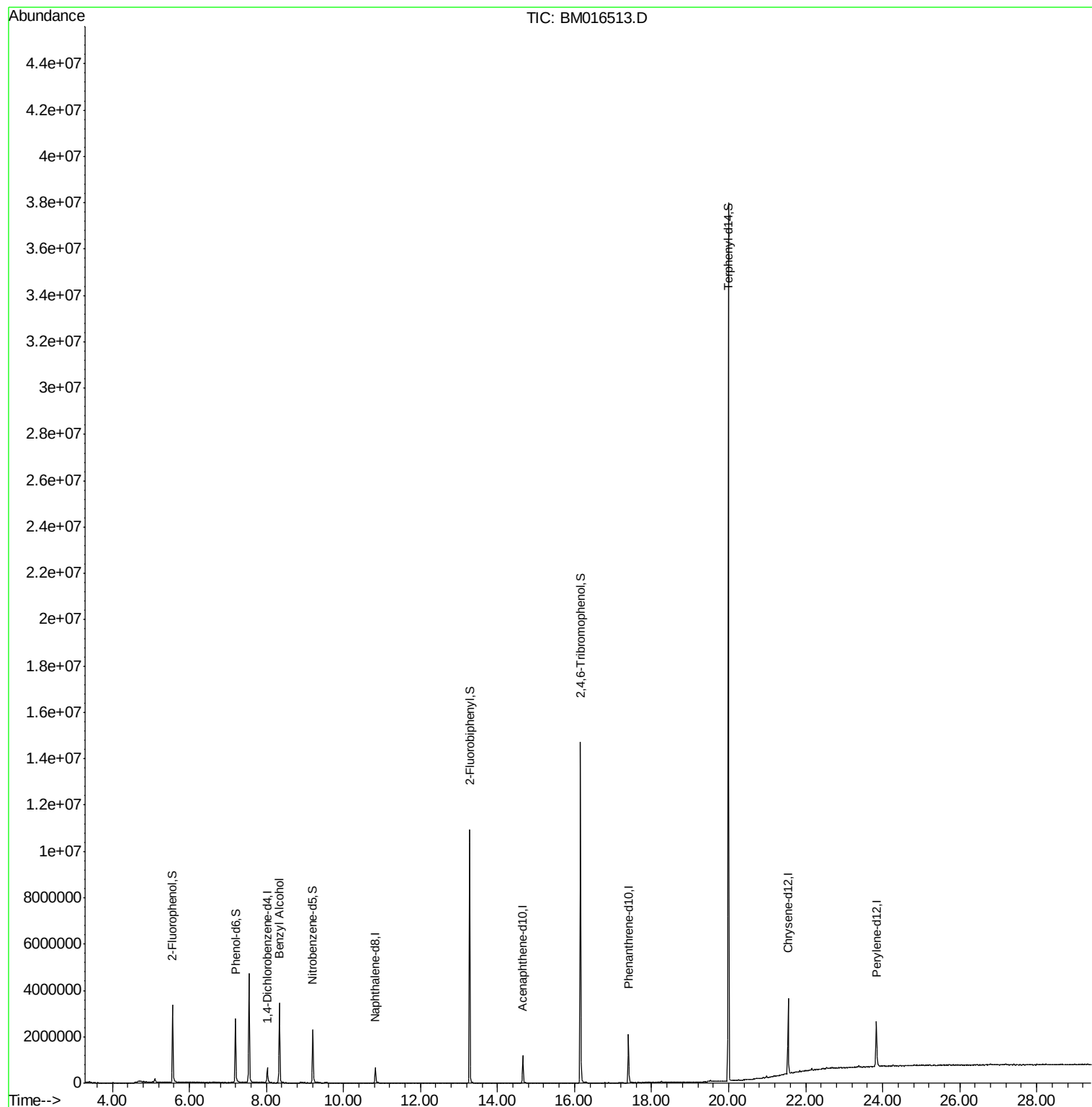
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	147763	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	446234	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	357356	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1248322	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1515511	20.00	ng	0.00
86) Perylene-d12	23.83	264	1525471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1076865	142.81	ng	0.00
7) Phenol-d6	7.20	99	1107473	110.99	ng	0.00
23) Nitrobenzene-d5	9.20	82	1265680	129.51	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2646886	264.96	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4859840	130.72	ng	0.00
78) Terphenyl-d14	19.99	244	11429553	159.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	24814	2.678	ng	Qvalue # 1

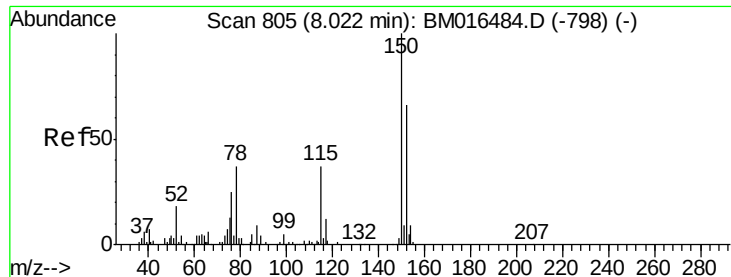
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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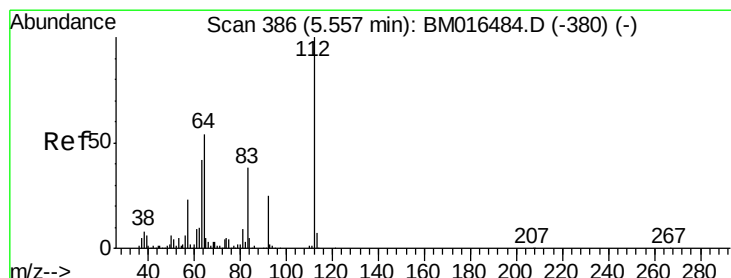
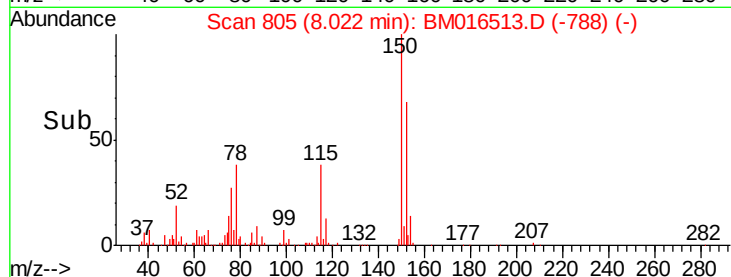
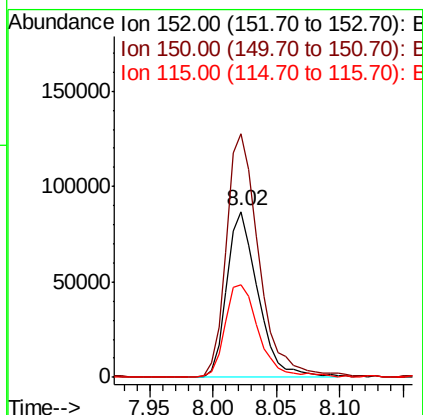
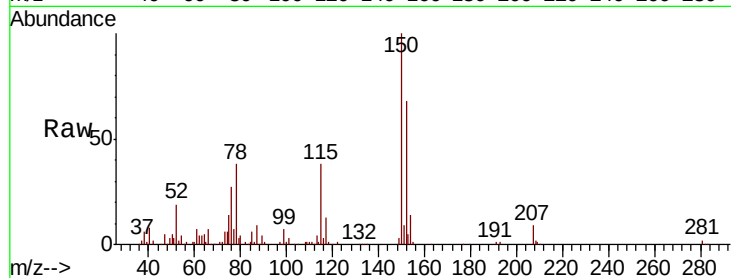


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

Instrument :
BNA_M
ClientSampleId :

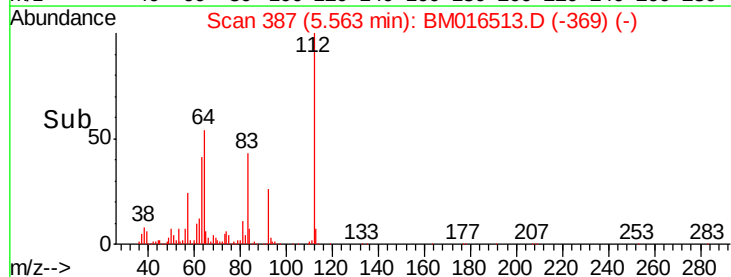
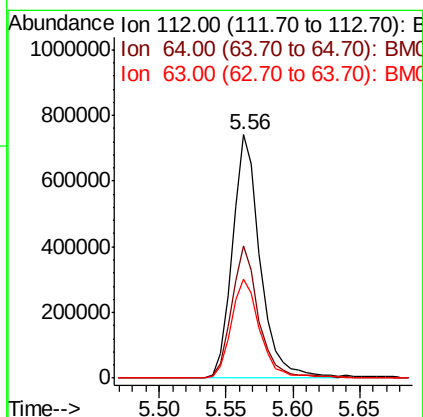
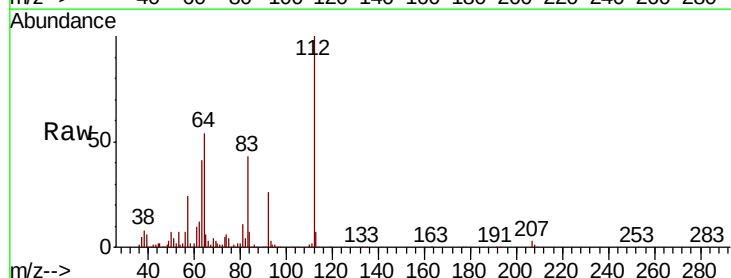
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.5	179.3
115	55.9	43.0	64.4

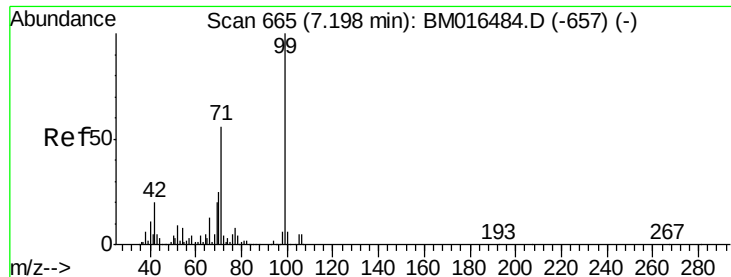


#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	38.6	57.8
63	40.8	19.3	28.9





#7

Phenol-d6

Concen: Below na

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

Instrument :

BNA_M

ClientSampleId :

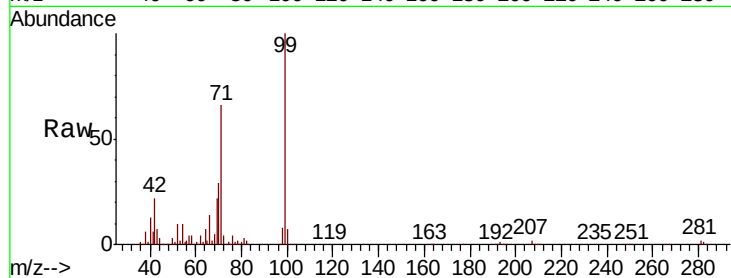
Tot Ion: 99 Resp: 1107473

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

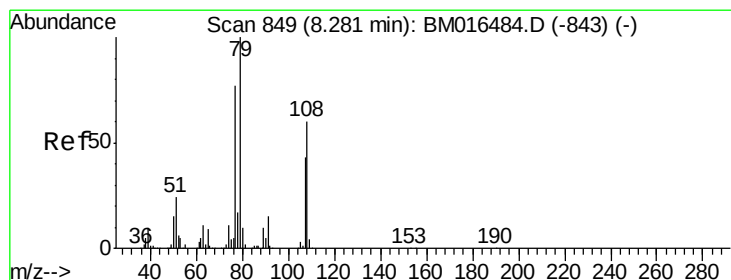
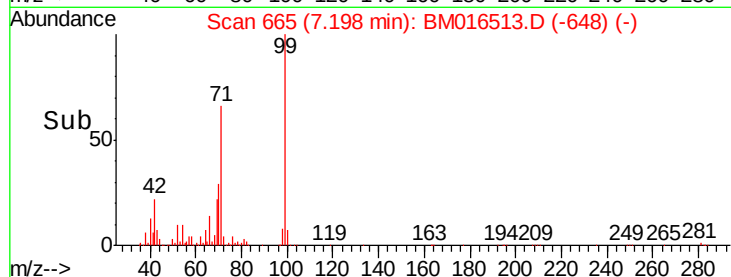
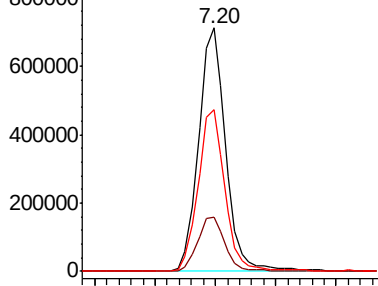
71 66.5 23.4 35.2#



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: 2.678 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

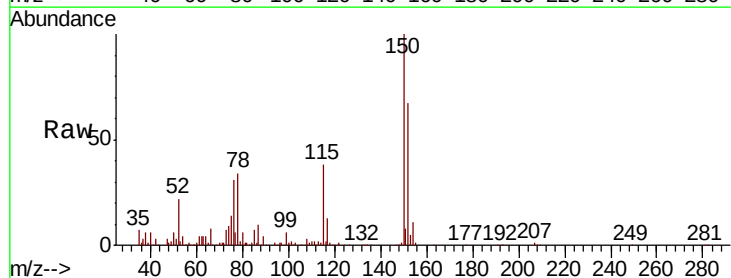
Tgt Ion: 79 Resp: 24814

Ion Ratio Lower Upper

79 100

108 125.8 65.0 97.4#

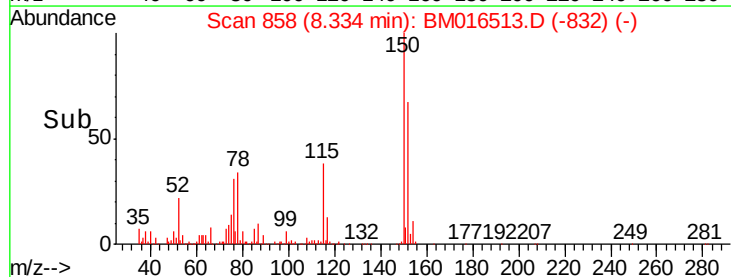
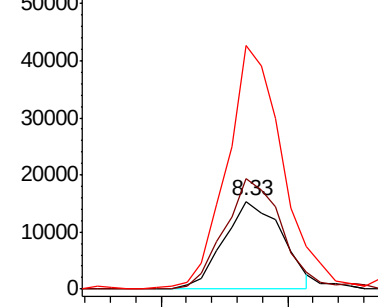
77 276.7 53.0 79.6#

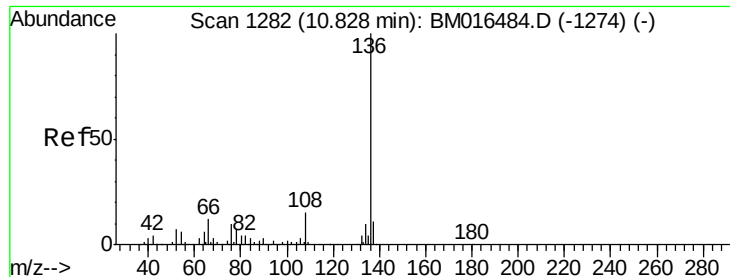


Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

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: BM016513.D

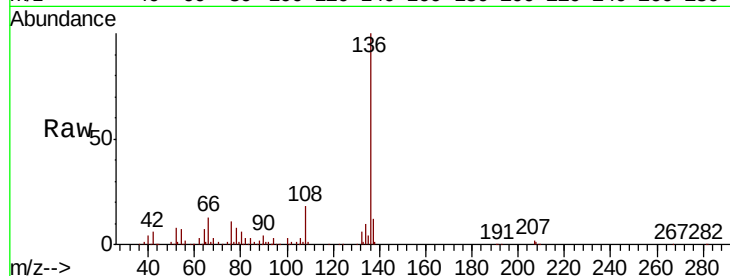
Acq: 22 Aug 2018 10:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	446234
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.7	13.1
54 6.9	4.6	6.8#
68 2.8	3.7	5.5#

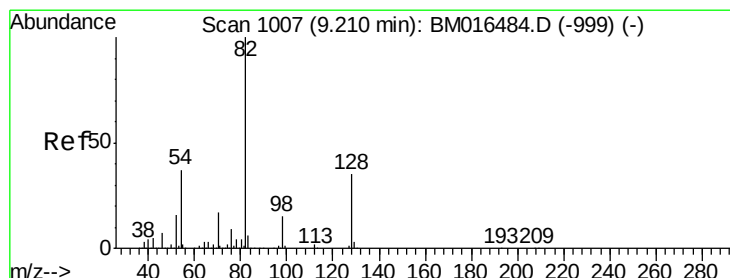
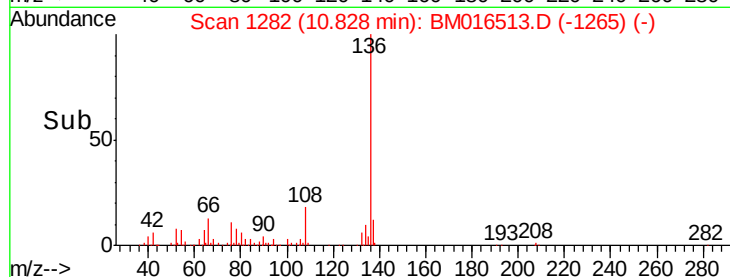
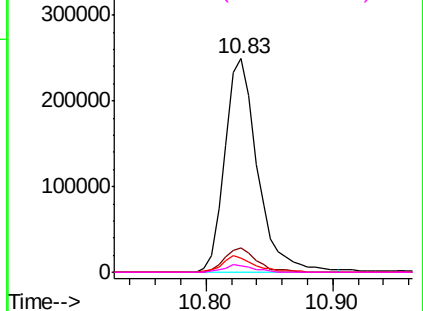


Abundance Ion 136.00 (135.70 to 136.70): E

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

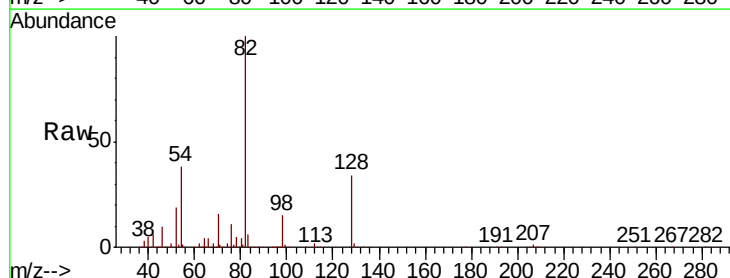
RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

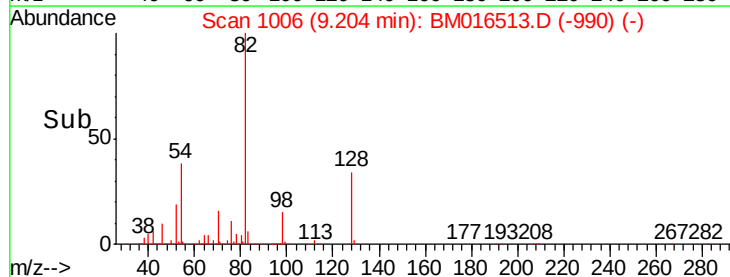
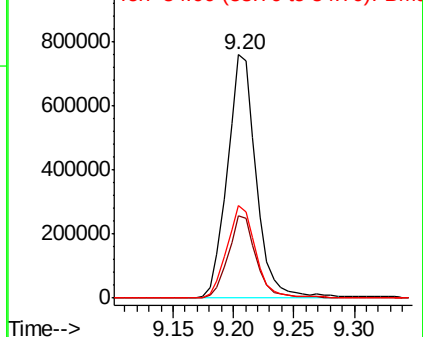
Tgt	Ion: 82	Resp: 1265680	
Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	38.2	40.6	60.8#

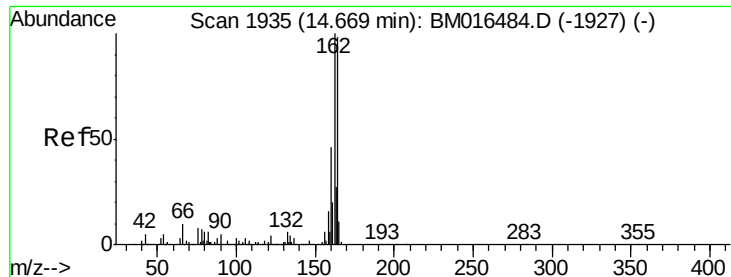


Abundance Ion 82.00 (81.70 to 82.70): BM

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: BM016513.D

Acq: 22 Aug 2018 10:23

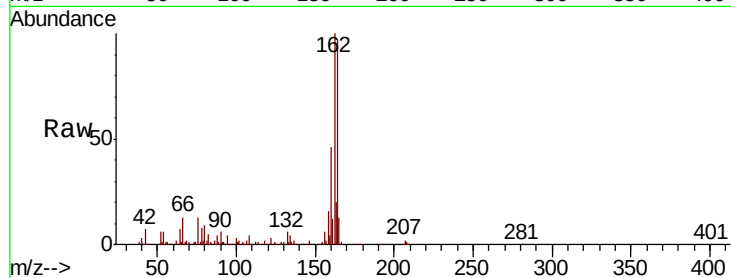
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 357356

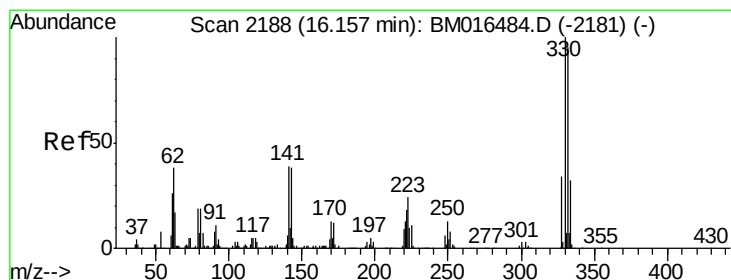
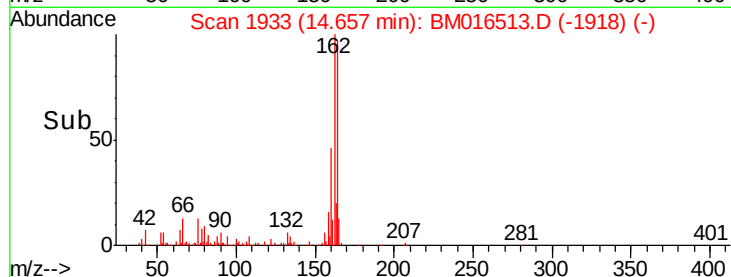
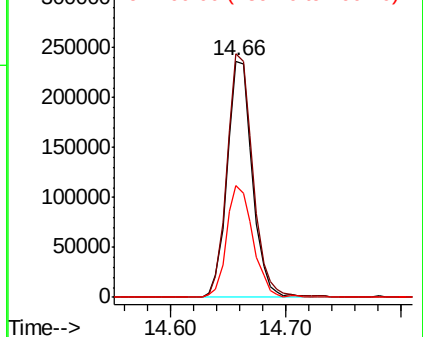
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	47.3	35.8	53.6



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

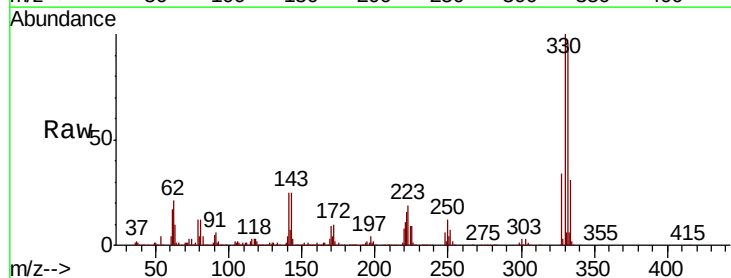
Delta R.T. 0.00 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

Tgt Ion:330 Resp: 2646886

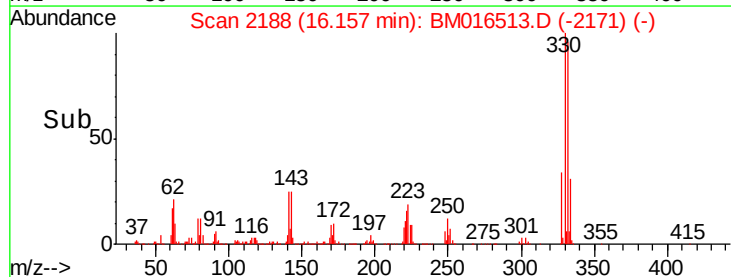
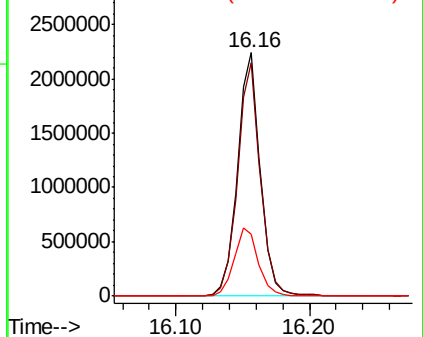
Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	29.9	0.0	0.0#

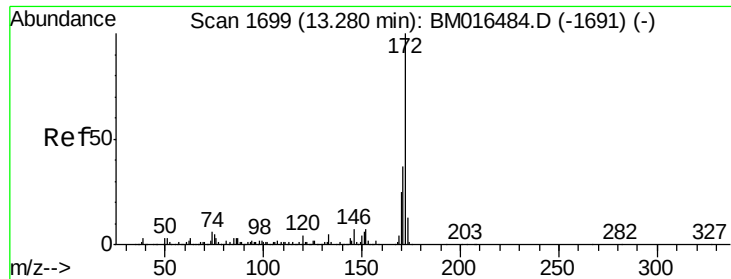


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

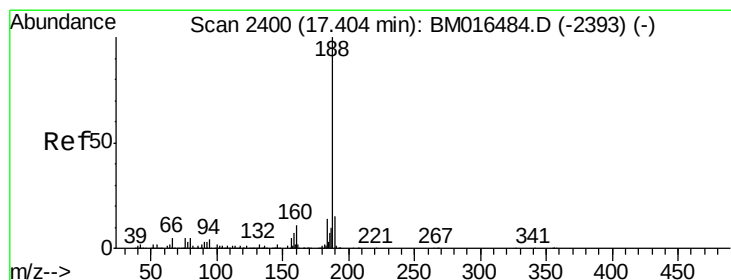
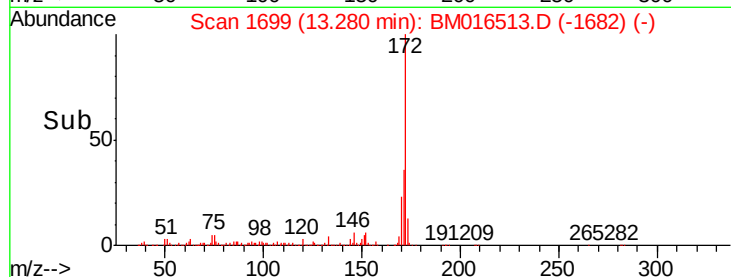
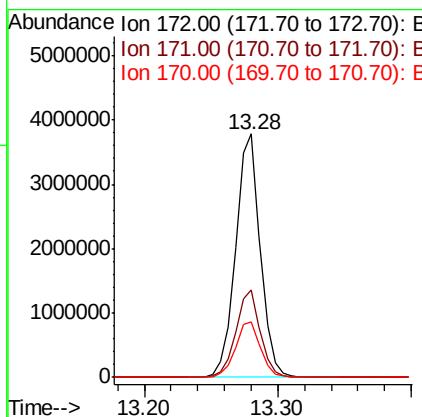
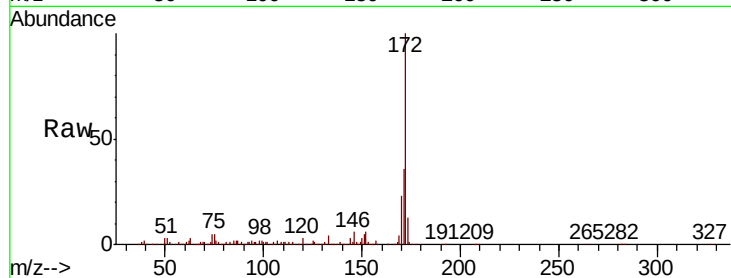




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

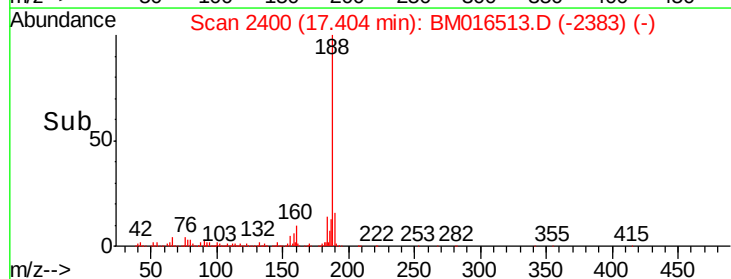
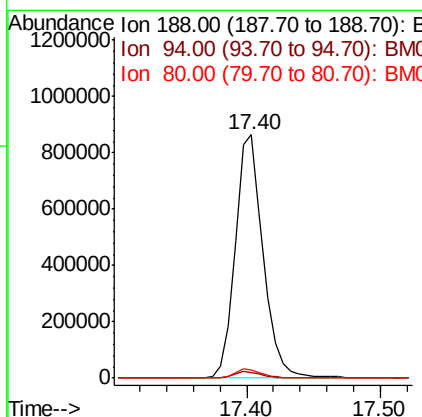
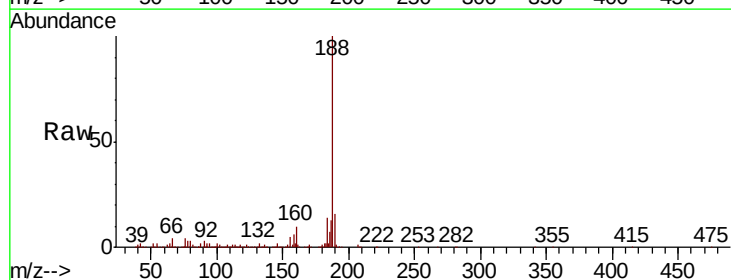
Instrument :
BNA_M
ClientSampleId :

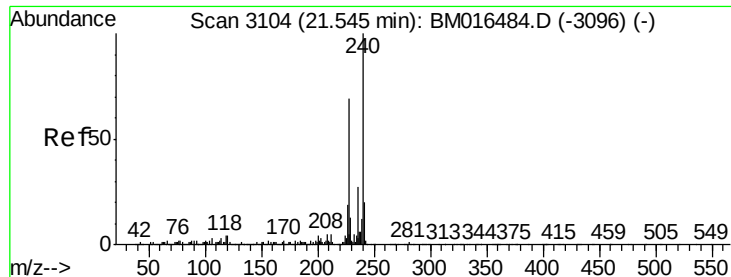
Tot Ion:172 Resp: 4859840
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.0 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

Tgt Ion:188 Resp: 1248322
Ion Ratio Lower Upper
188 100
94 2.4 8.7 13.1#
80 3.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

Instrument :

BNA_M

ClientSampleId :

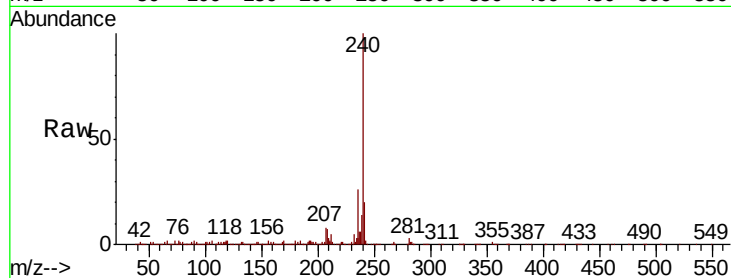
Tot Ion:240 Resp: 1515511

Ion Ratio Lower Upper

240 100

120 2.2 8.2 12.2#

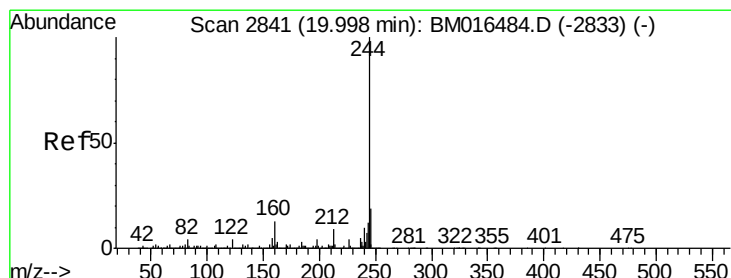
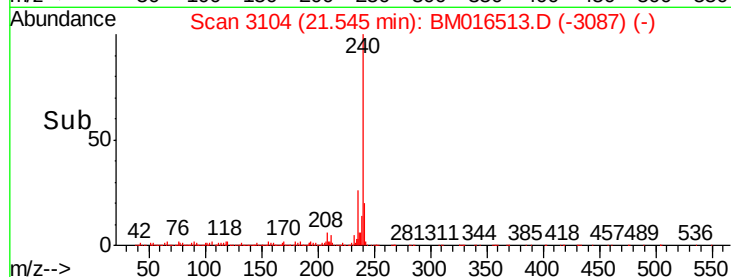
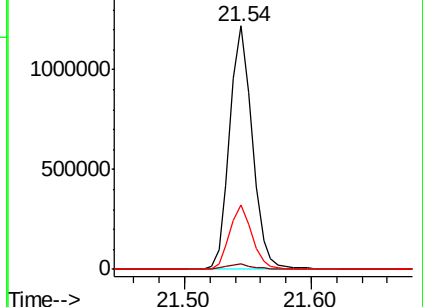
236 26.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

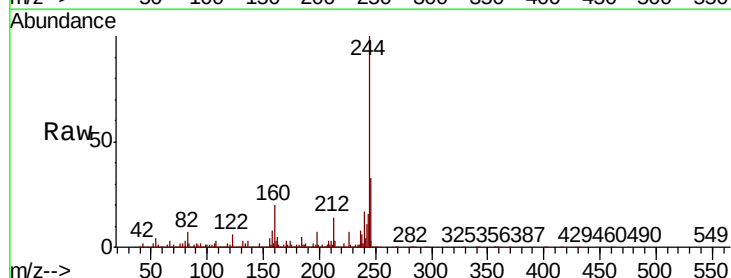
Tgt Ion:244 Resp:11429553

Ion Ratio Lower Upper

244 100

212 14.3 4.9 7.3#

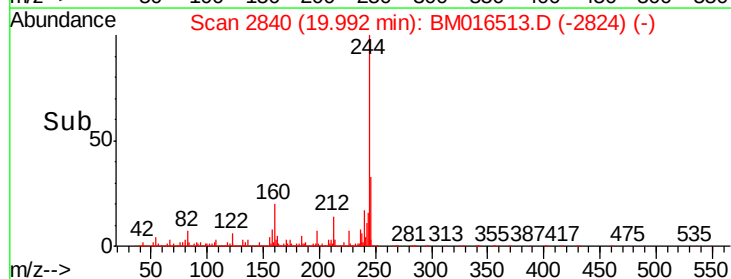
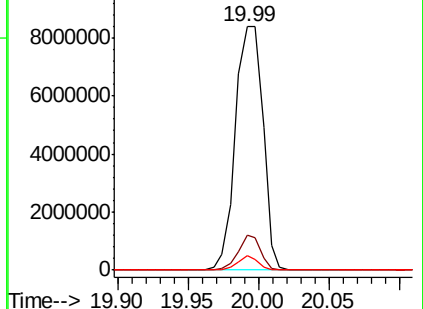
122 5.9 6.2 9.4#

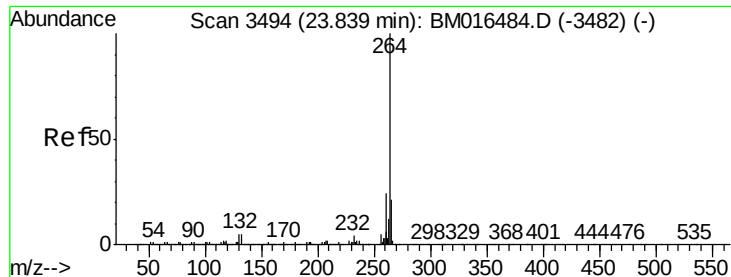


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016513.D
 Acq: 22 Aug 2018 10:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1525471
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 22.0 17.3 25.9

