

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 :
 CL-01-082018-C

Quant Time: Aug 22 11:55:57 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	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

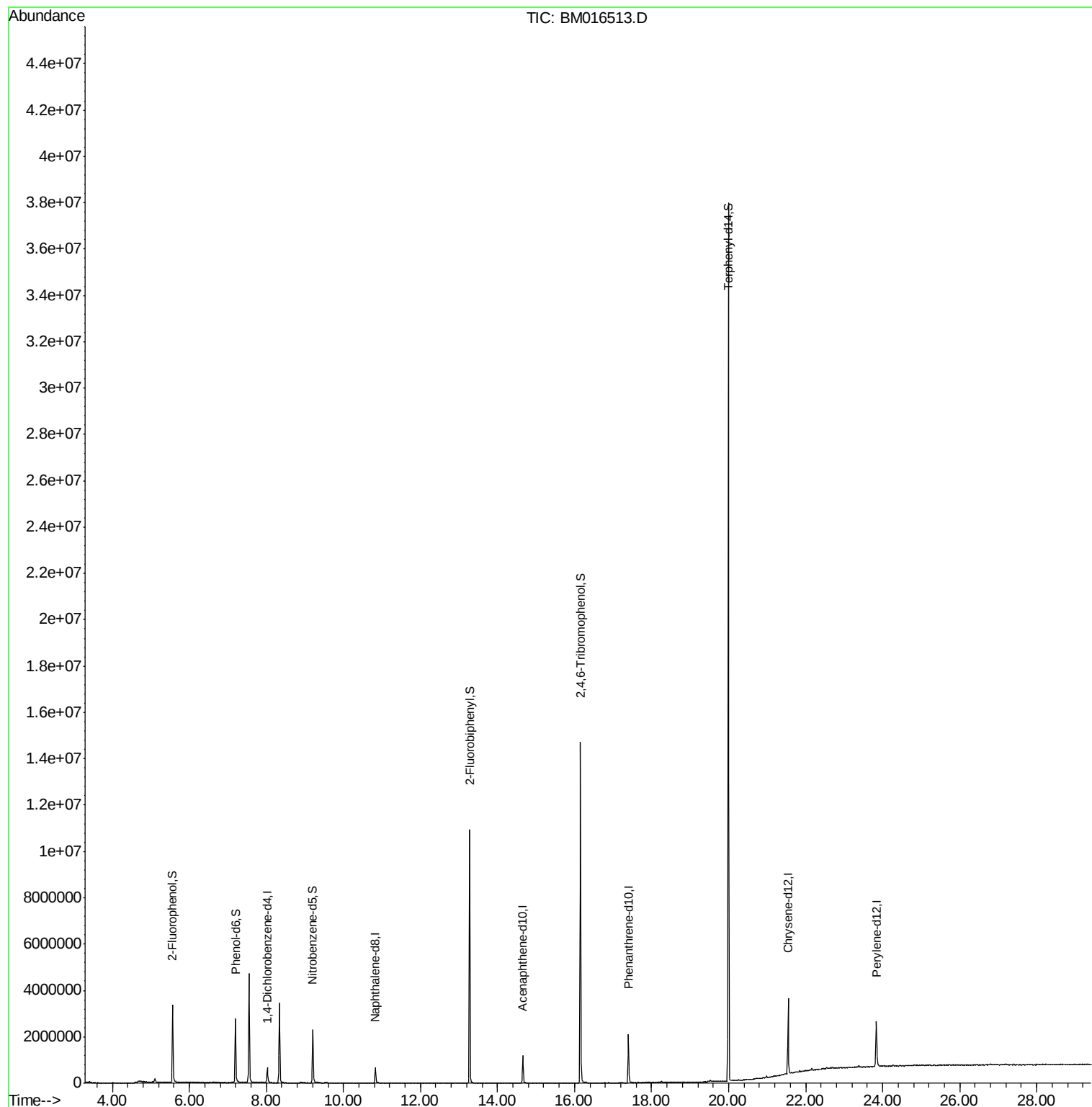
Target Compounds Qvalue

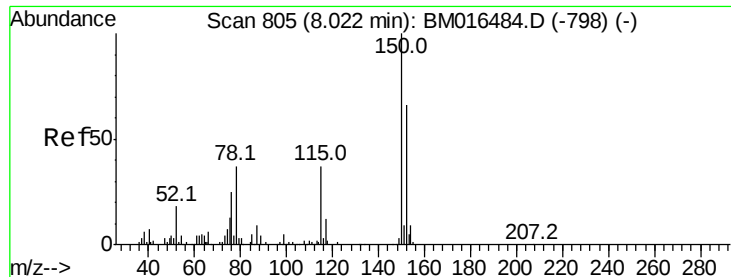
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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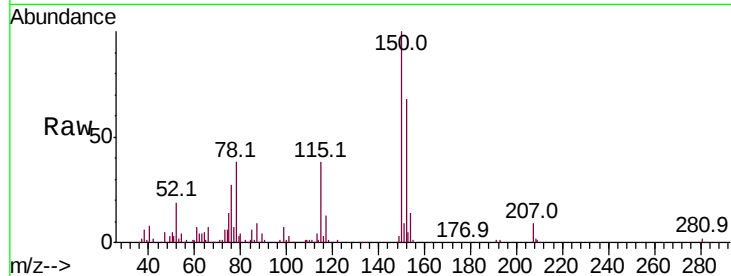


#1

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

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-C

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

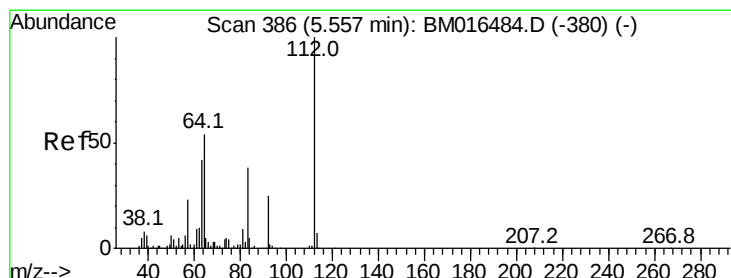
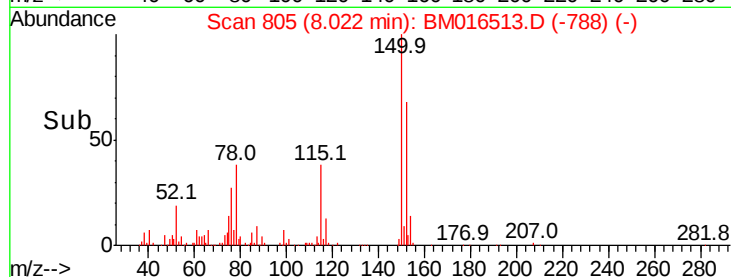
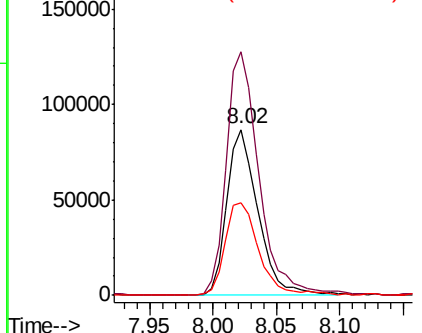


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

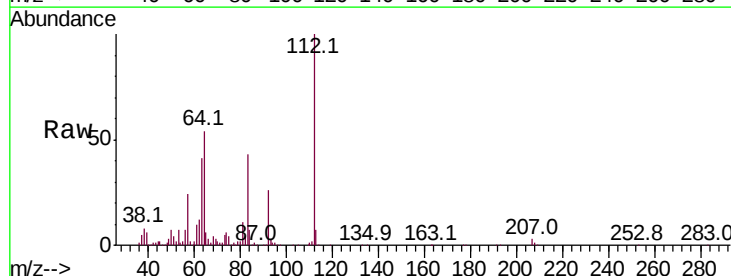
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: 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

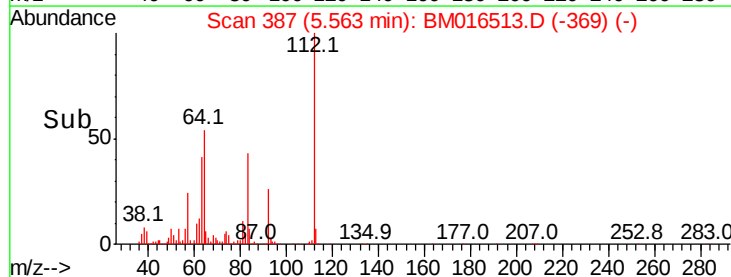
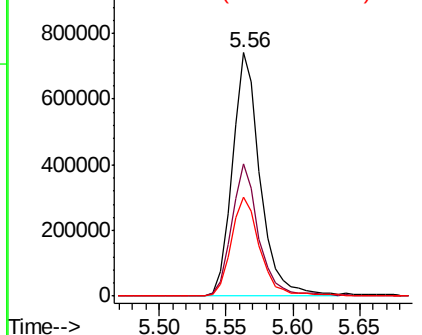


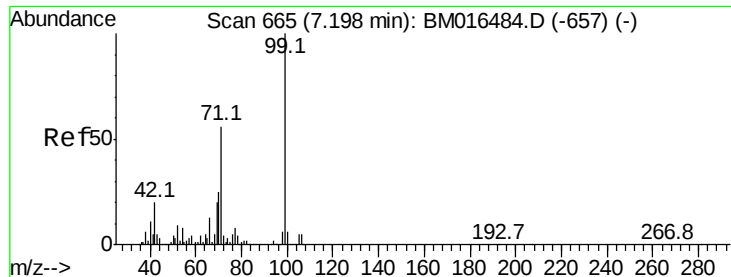
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#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 :

CL-01-082018-C

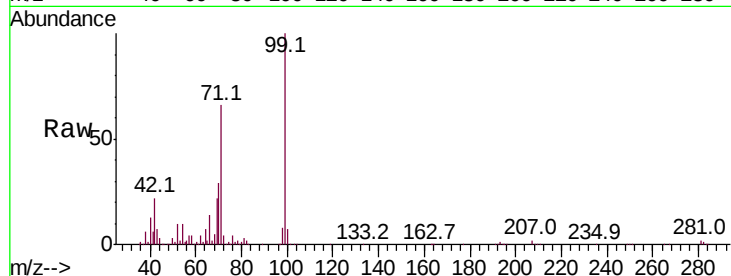
Tot Ion: 99 Resp: 1107473

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 66.5 23.4 35.2#

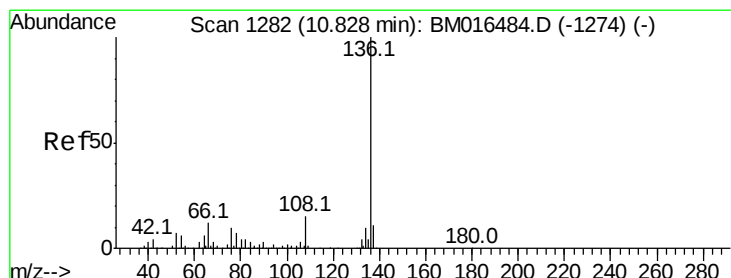
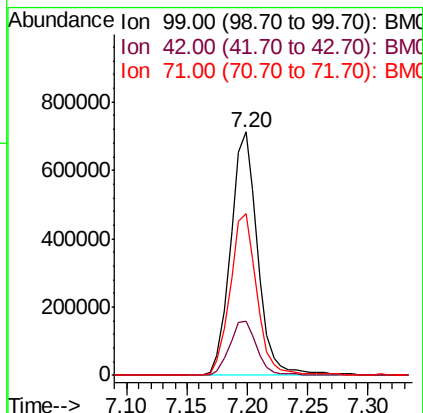
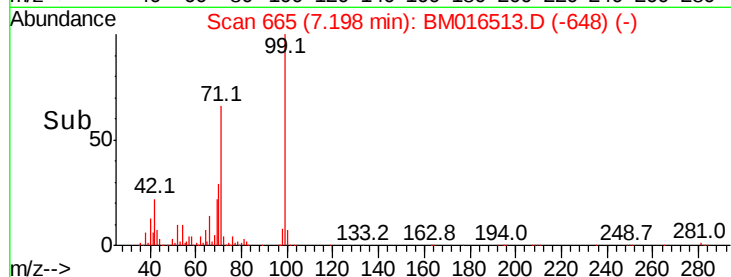


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

Time-->



#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

Tgt Ion: 136 Resp: 446234

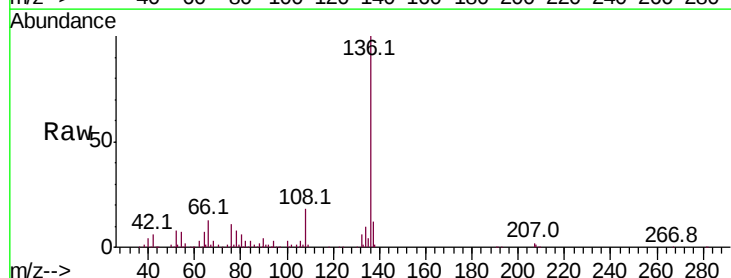
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 6.9 4.6 6.8#

68 2.8 3.7 5.5#



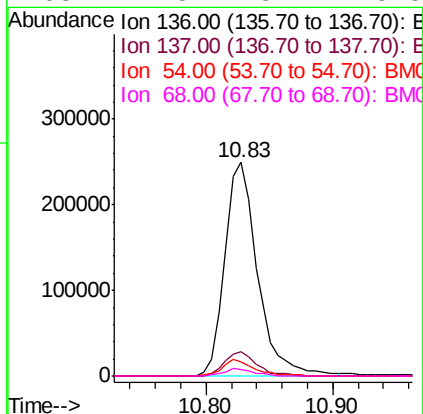
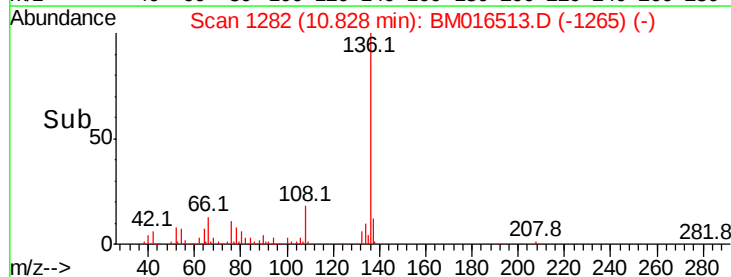
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

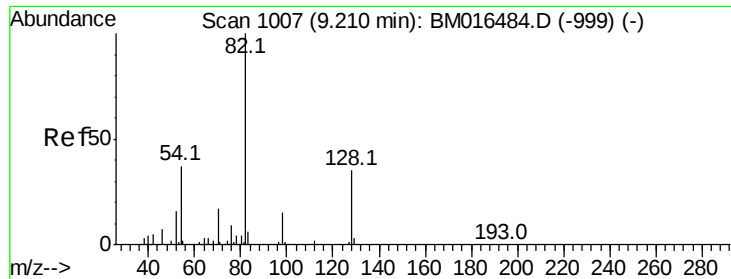
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

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

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

Time-->

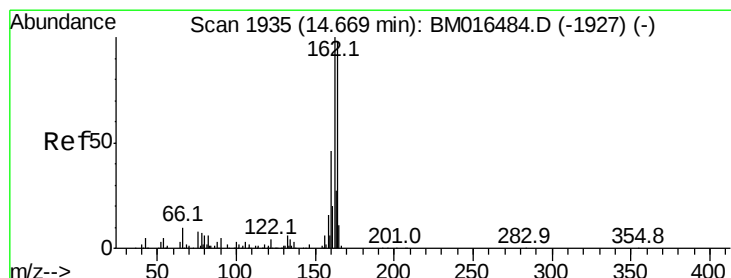
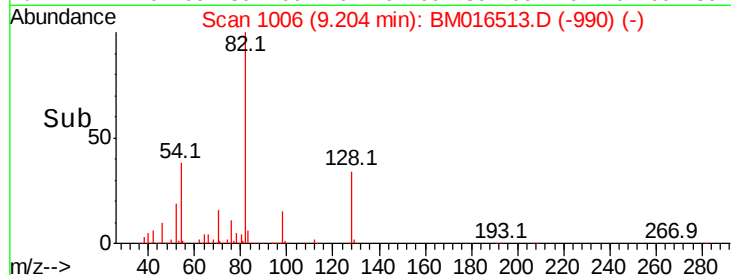
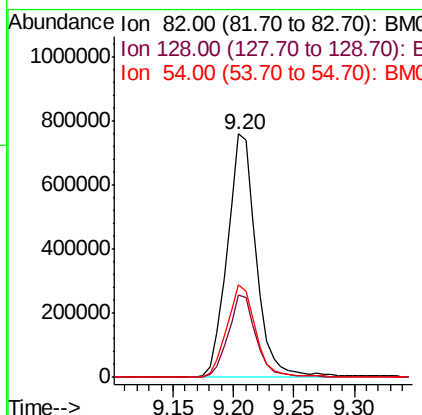
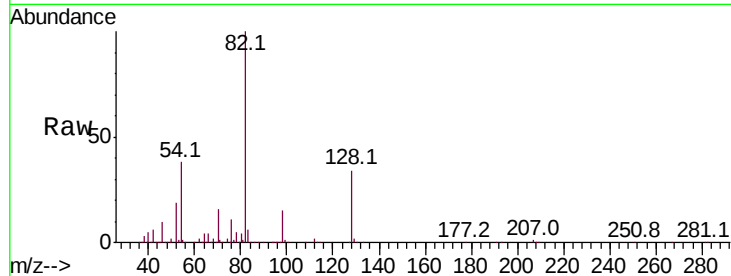




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016513.D
 Acq: 22 Aug 2018 10:23

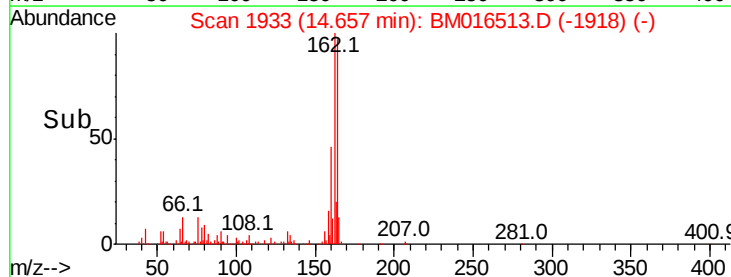
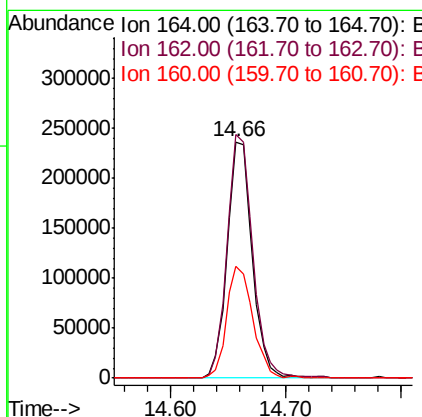
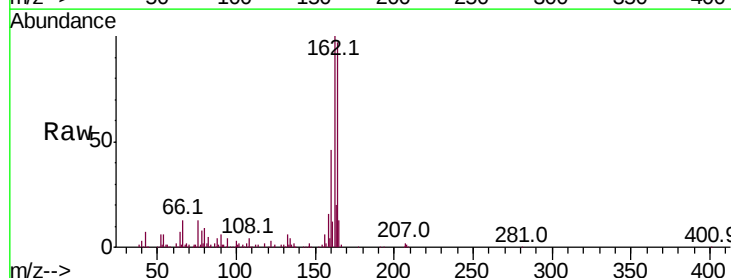
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082018-C

Tot Ion: 82 Resp: 1265680
 Ion Ratio Lower Upper
 82 100
 128 33.6 32.8 49.2
 54 38.2 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: BM016513.D
 Acq: 22 Aug 2018 10:23

Tgt Ion:164 Resp: 357356
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.4 123.6
 160 47.3 35.8 53.6

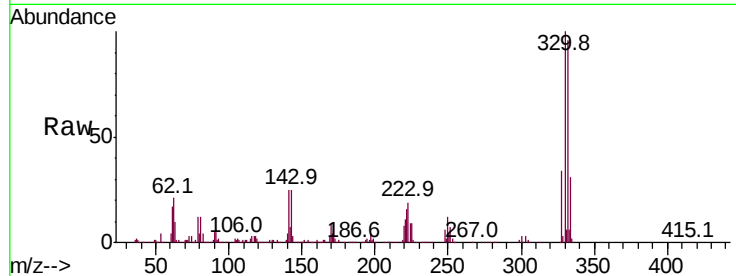




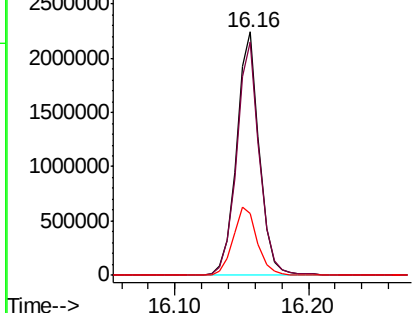
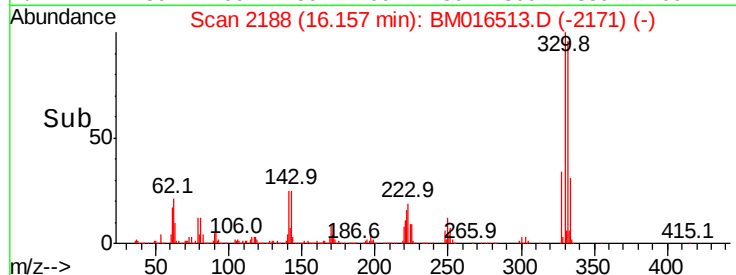
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-C

Tot Ion:330 Resp: 2646886
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 29.9 0.0 0.0#

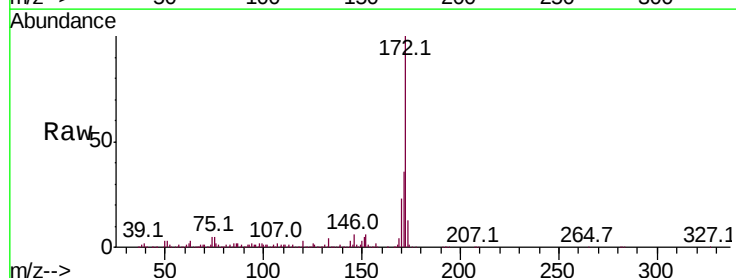


Abundance Ion 329.80 (329.50 to 330.50): E
3000000 Ion 331.80 (331.50 to 332.50): E
2500000 Ion 141.00 (140.70 to 141.70): E

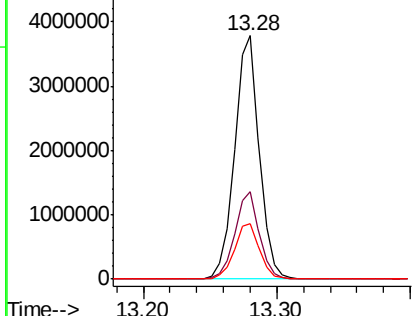
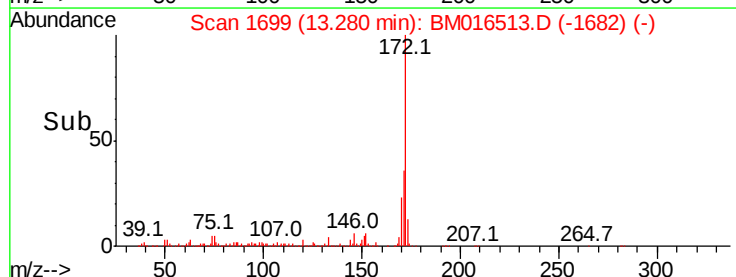


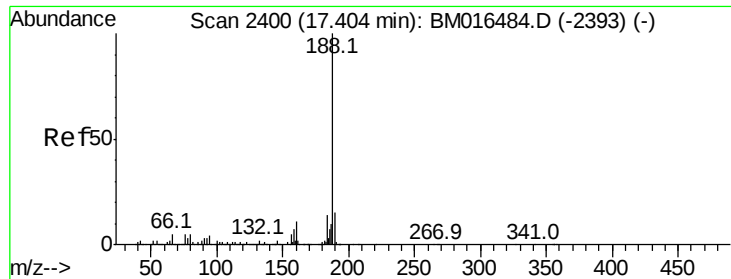
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016513.D
Acq: 22 Aug 2018 10:23

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



Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
4000000 Ion 170.00 (169.70 to 170.70): E





#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

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-C

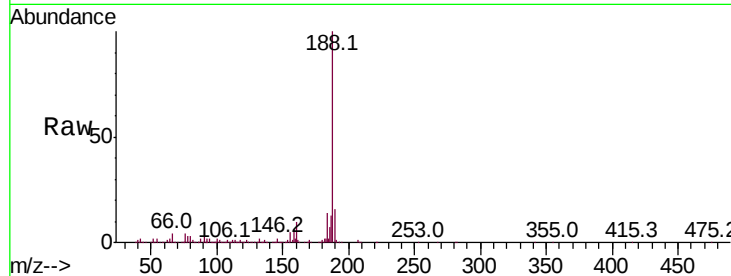
Tot Ion:188 Resp: 1248322

Ion Ratio Lower Upper

188 100

94 2.4 8.7 13.1#

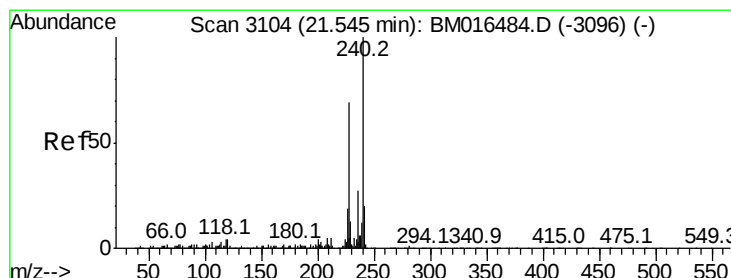
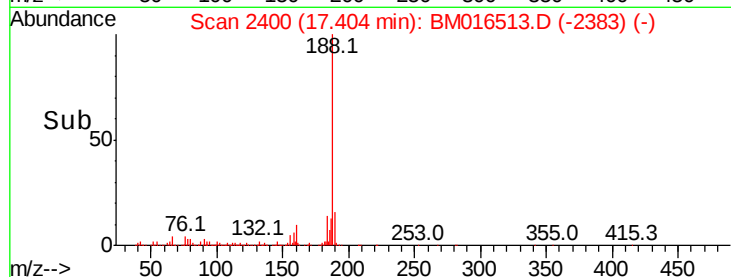
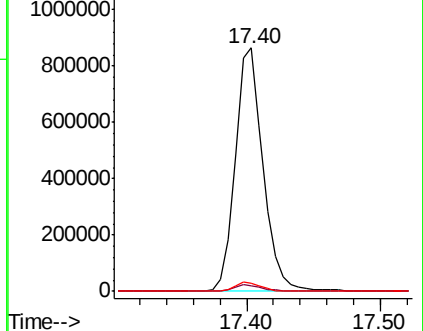
80 3.3 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#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

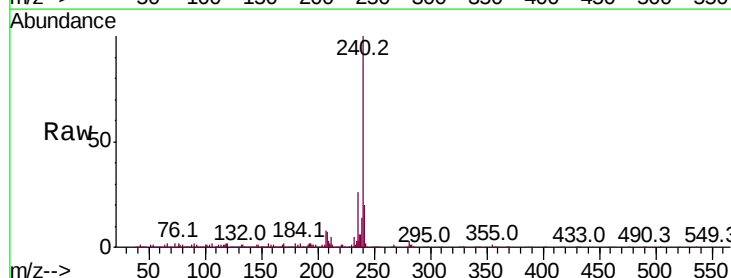
Tgt Ion:240 Resp: 1515511

Ion Ratio Lower Upper

240 100

120 2.2 8.2 12.2#

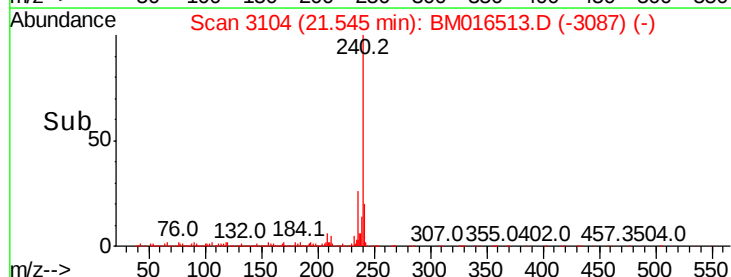
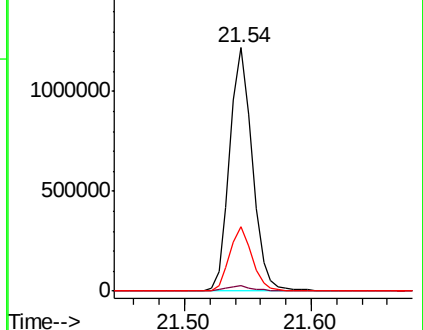
236 26.3 20.0 30.0

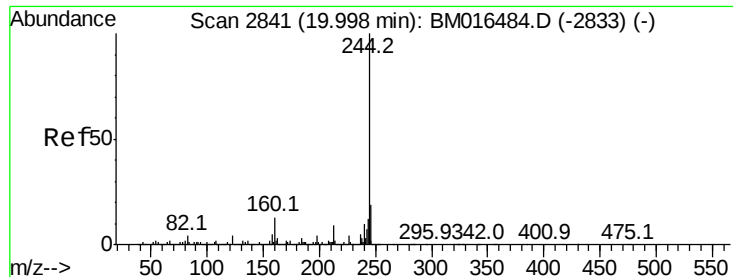


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016513.D

Acq: 22 Aug 2018 10:23

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-C

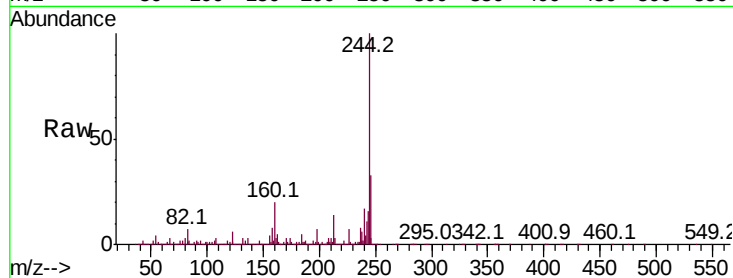
Tot Ion:244 Resp:11429553

Ion Ratio Lower Upper

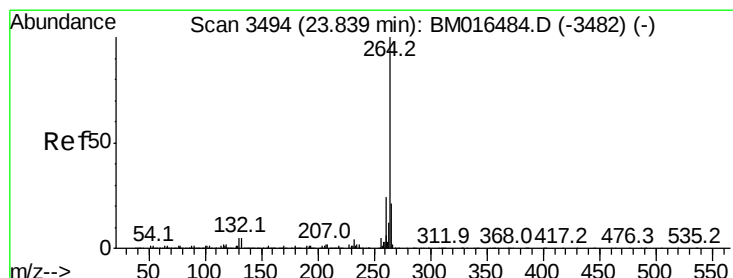
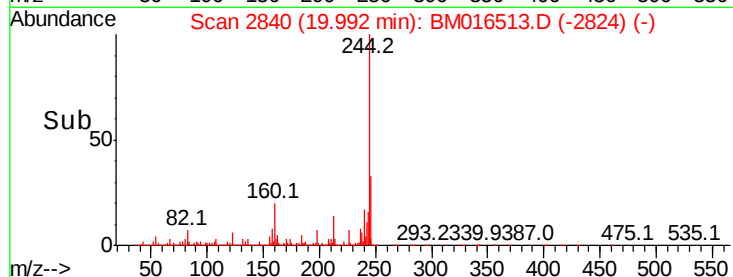
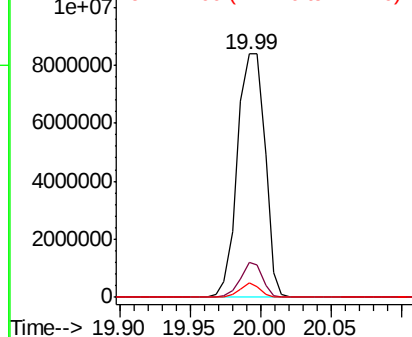
244 100

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

Perylene-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

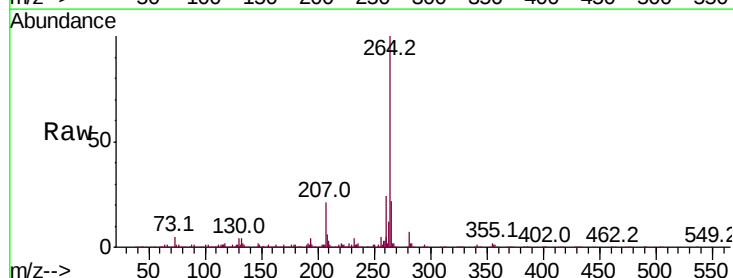
Tgt Ion:264 Resp: 1525471

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

