

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016511.D
 Acq On : 22 Aug 2018 09:11
 Operator : SJ/JU
 Sample : J4275-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 22 11:50:56 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

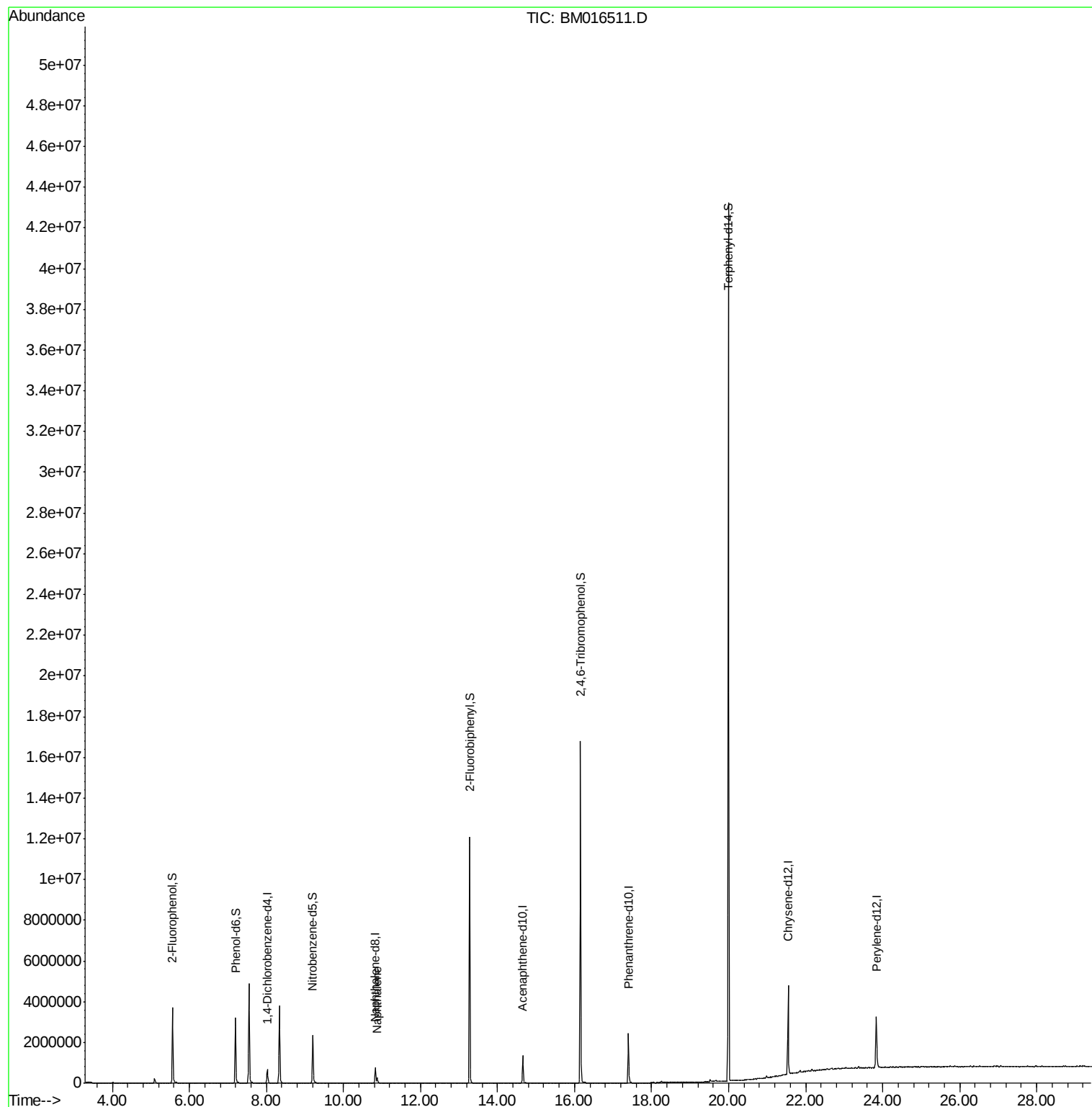
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	163886	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	506557	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	404406	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1436927	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2016597	20.00	ng	0.00
86) Perylene-d12	23.83	264	2002988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1189608	142.24	ng	0.00
7) Phenol-d6	7.20	99	1284540	116.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	1323887	119.33	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2943895	260.41	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	5403431	128.43	ng	0.00
78) Terphenyl-d14	19.99	244	12839267	134.76	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	181409	7.517	ng	Qvalue 97

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

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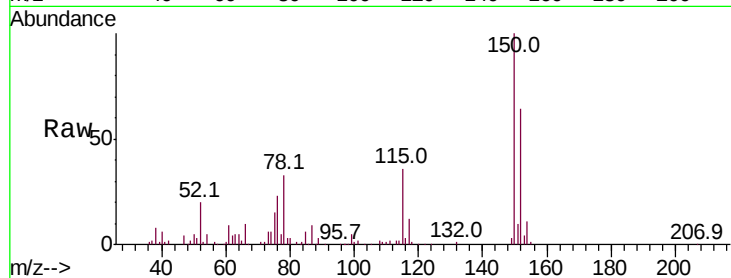




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BM016511.D
 Acq: 22 Aug 2018 09:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	56.2	43.0	64.4

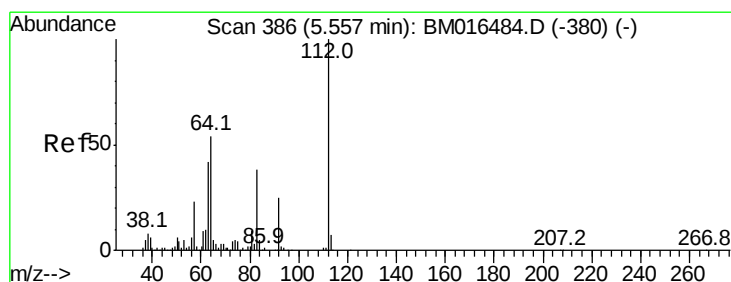
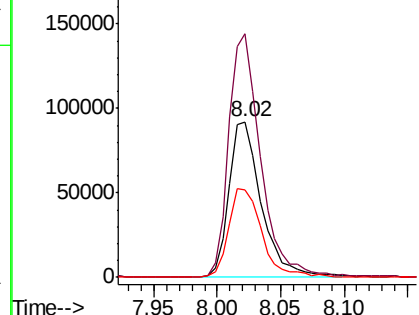
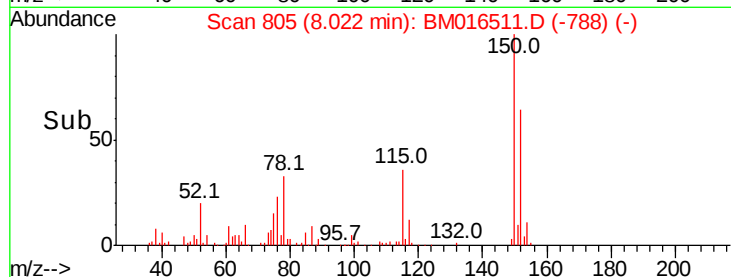


Abundance

Ion 152.00 (151.70 to 152.70): E

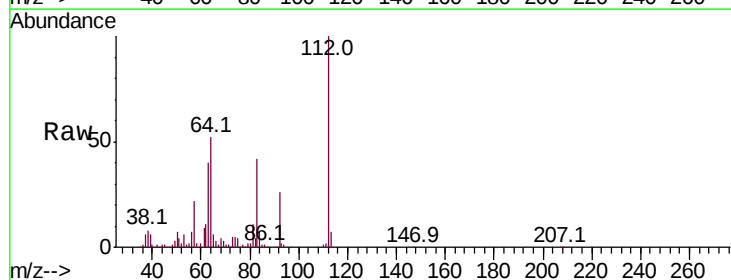
Ion 150.00 (149.70 to 150.70): E

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: BM016511.D
 Acq: 22 Aug 2018 09:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	38.6	57.8
63	40.4	19.3	28.9

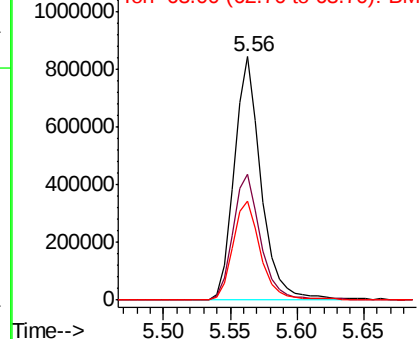
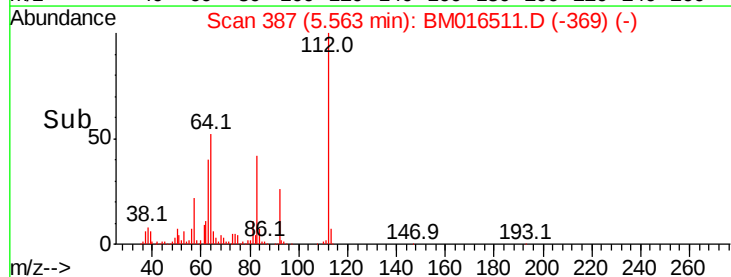


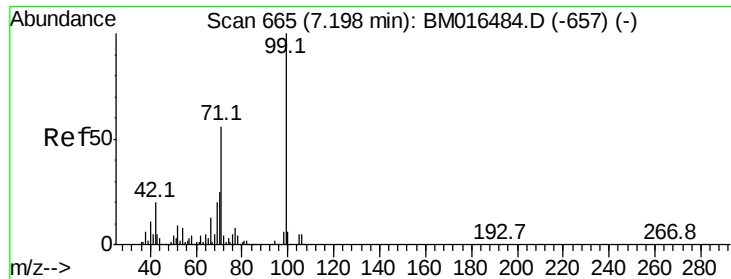
Abundance

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: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM016511.D

Acq: 22 Aug 2018 09:11

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-A

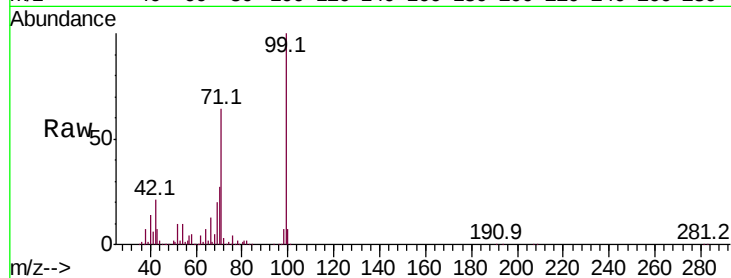
Tot Ion: 99 Resp: 1284540

Ion Ratio Lower Upper

99 100

42 20.9 11.0 16.4#

71 64.3 23.4 35.2#

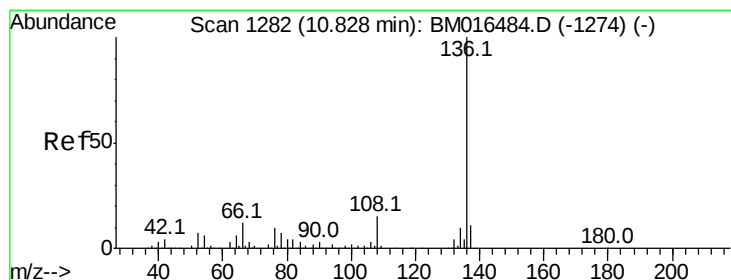
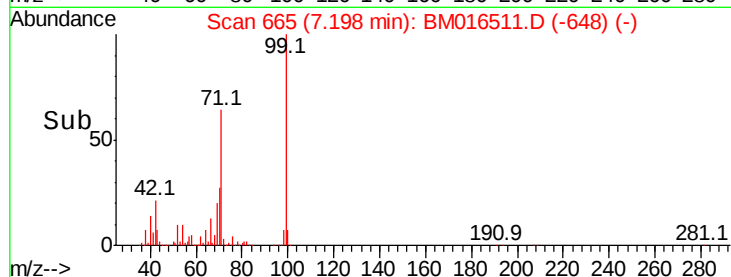
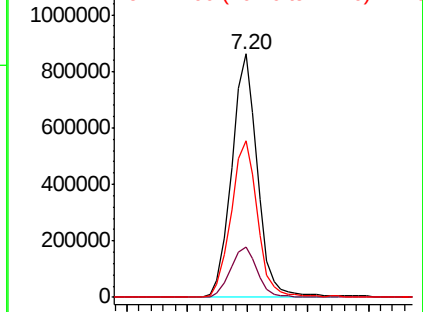


Abundance

Ion 99.00 (98.70 to 99.70): BM016511.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016511.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016511.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM016511.D

Acq: 22 Aug 2018 09:11

Tgt Ion: 136 Resp: 506557

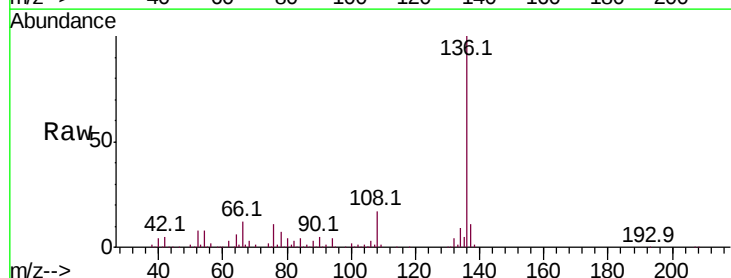
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.5 4.6 6.8#

68 3.2 3.7 5.5#



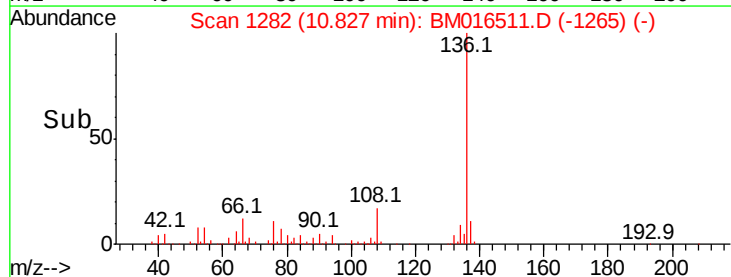
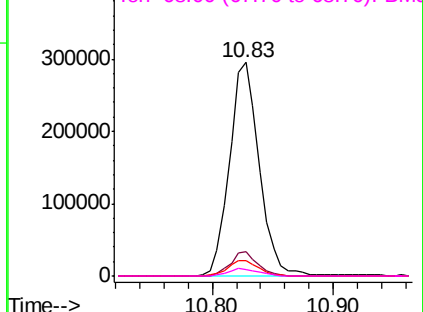
Abundance

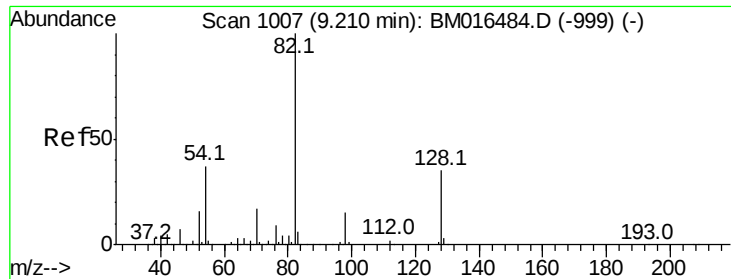
Ion 136.00 (135.70 to 136.70): BM016511.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016511.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016511.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016511.D (-1265) (-)

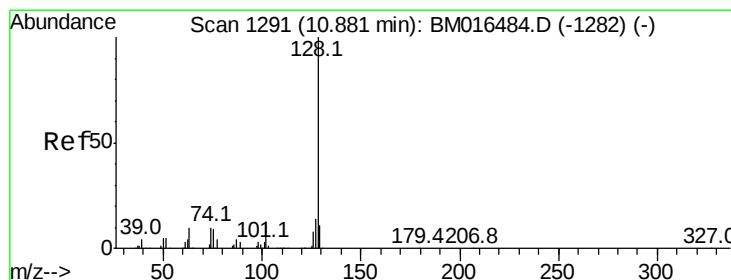
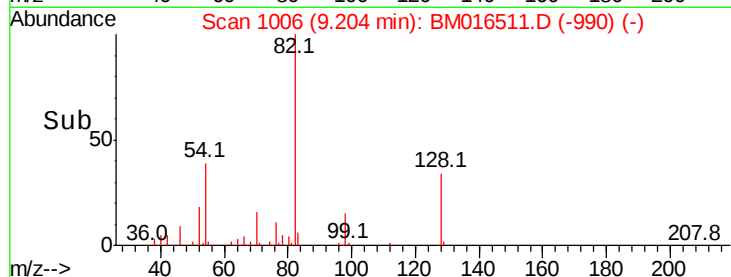
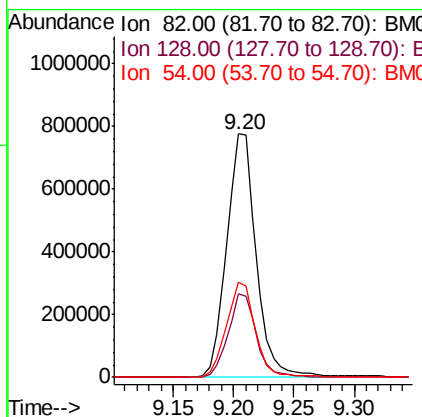
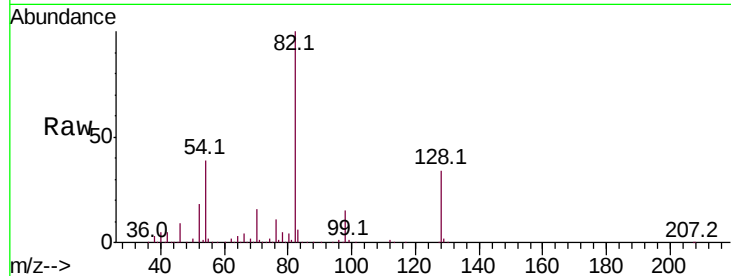




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

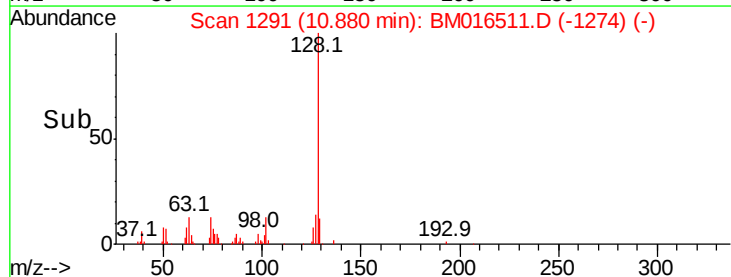
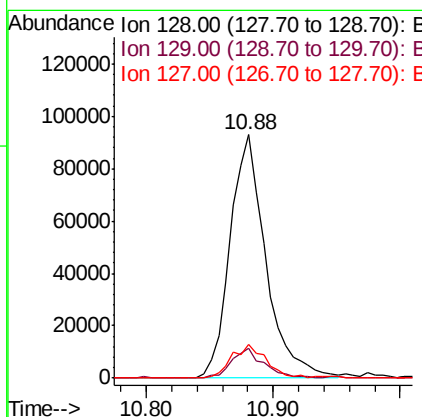
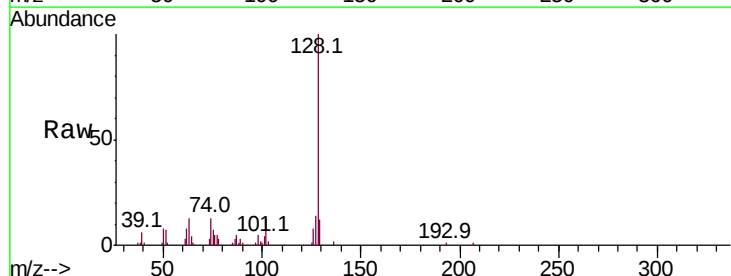
Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tot Ion: 82 Resp: 1323887
Ion Ratio Lower Upper
82 100
128 34.2 32.8 49.2
54 39.0 40.6 60.8#



#31
Naphthalene
Concen: 7.517 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:128 Resp: 181409
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 14.0 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016511.D

Acq: 22 Aug 2018 09:11

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-A

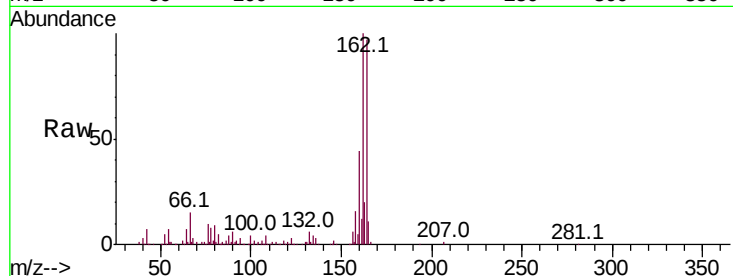
Tot Ion:164 Resp: 404406

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	45.4	35.8	53.6

164 100

162 103.2 82.4 123.6

160 45.4 35.8 53.6

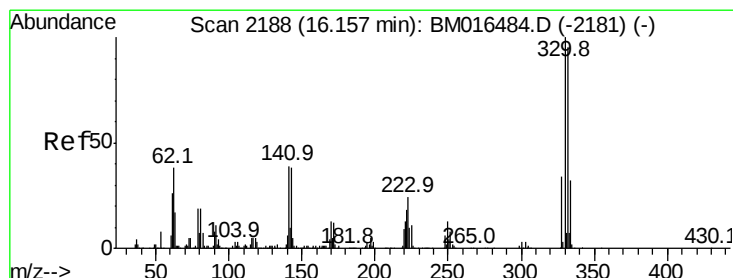
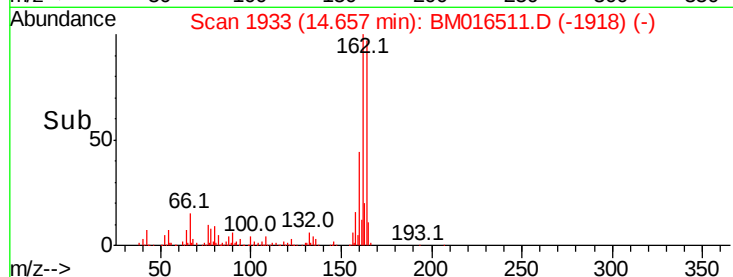
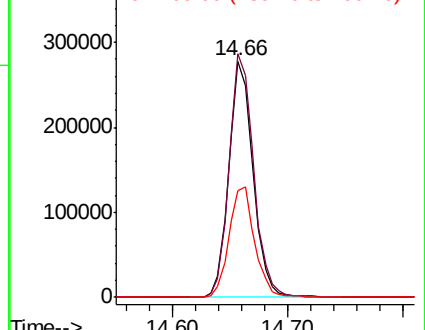


Abundance

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: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016511.D

Acq: 22 Aug 2018 09:11

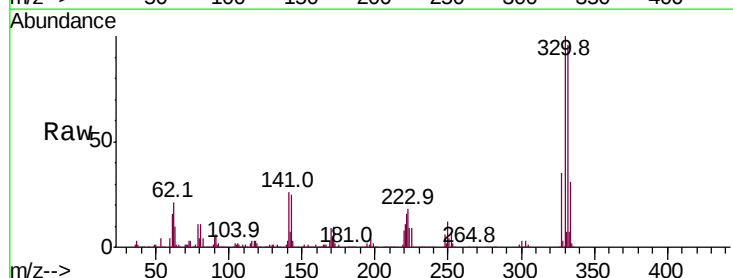
Tgt Ion:330 Resp: 2943895

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.7	0.0	0.0#

330 100

332 96.9 0.0 0.0#

141 29.7 0.0 0.0#

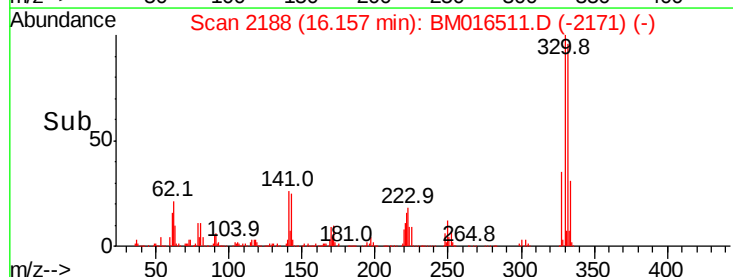
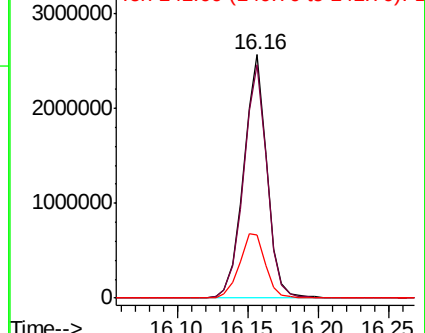


Abundance

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

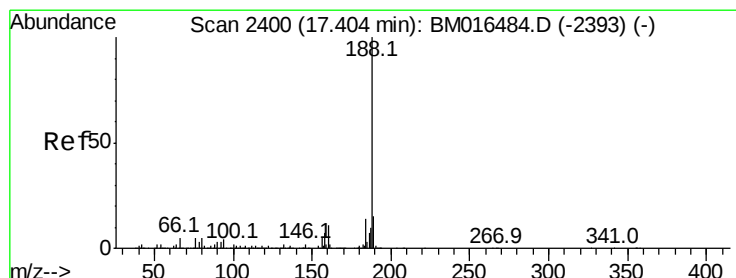
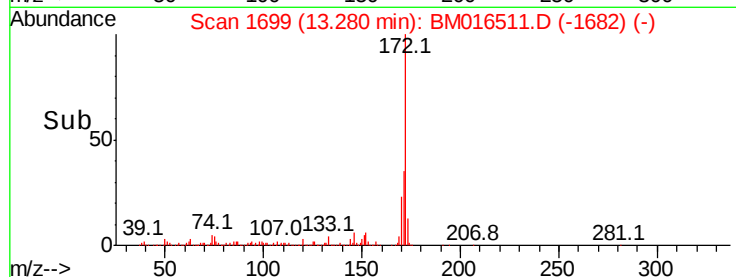
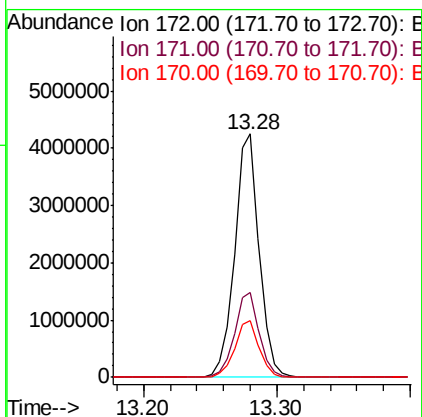
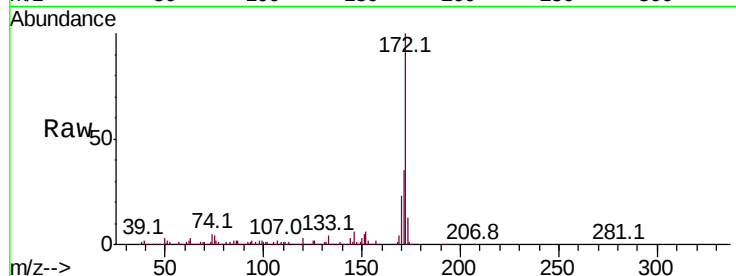




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

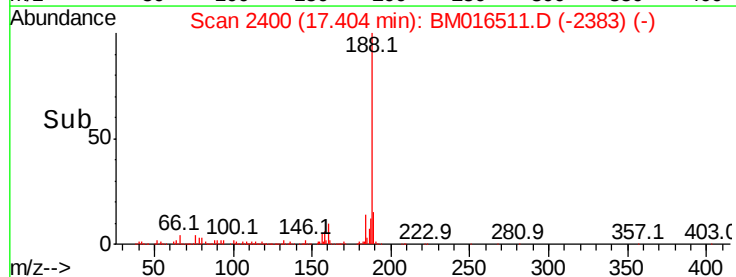
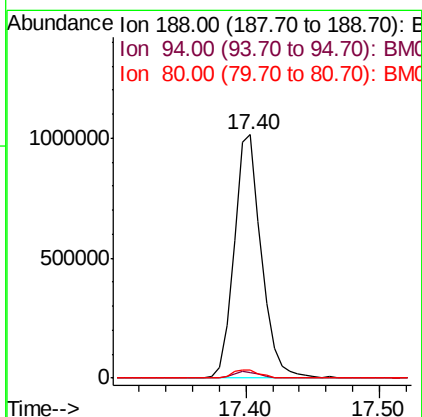
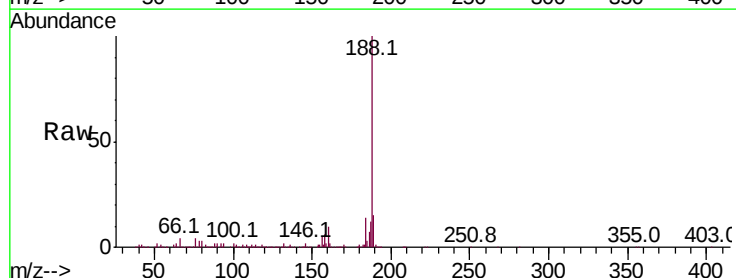
Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

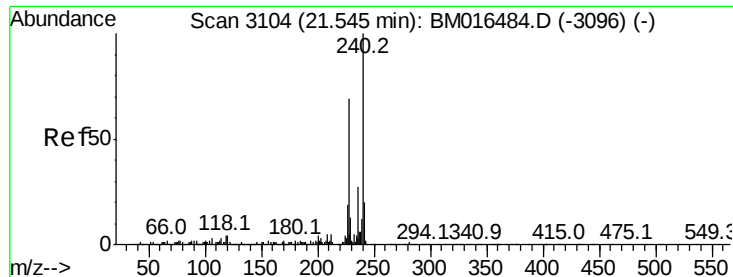
Tot Ion:172 Resp: 5403431
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:188 Resp: 1436927
Ion Ratio Lower Upper
188 100
94 2.3 8.7 13.1#
80 3.2 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: BM016511.D

Acq: 22 Aug 2018 09:11

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-A

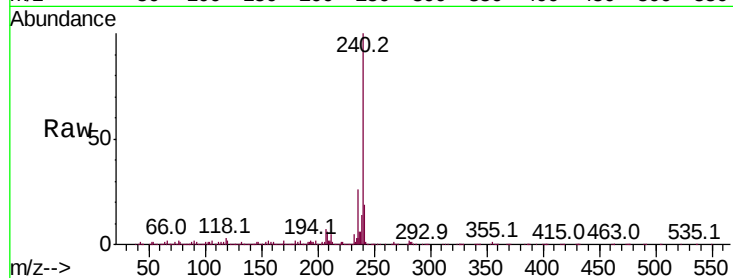
Tot Ion:240 Resp: 2016597

Ion Ratio Lower Upper

240 100

120 2.4 8.2 12.2#

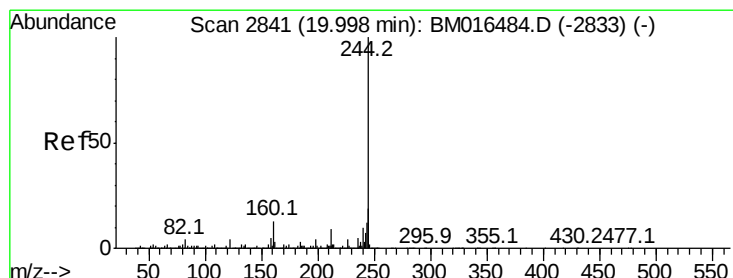
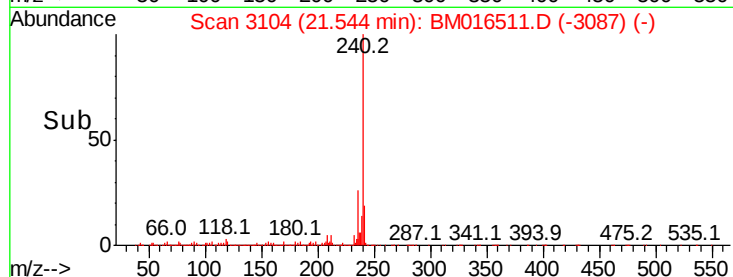
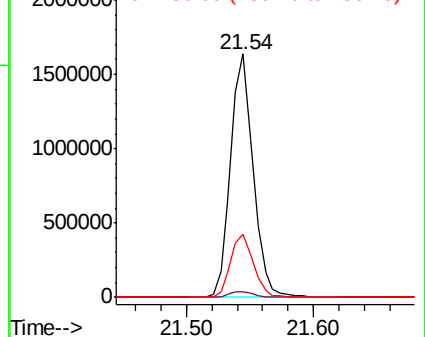
236 25.8 20.0 30.0



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: BM016511.D

Acq: 22 Aug 2018 09:11

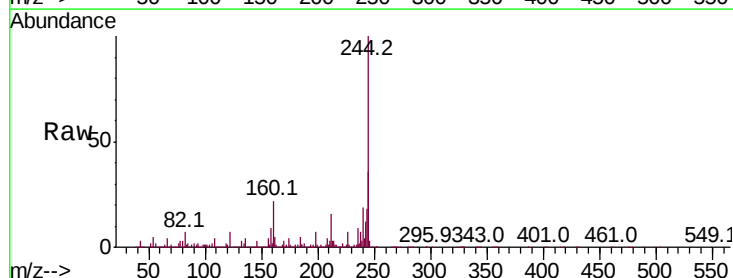
Tgt Ion:244 Resp:12839267

Ion Ratio Lower Upper

244 100

212 15.7 4.9 7.3#

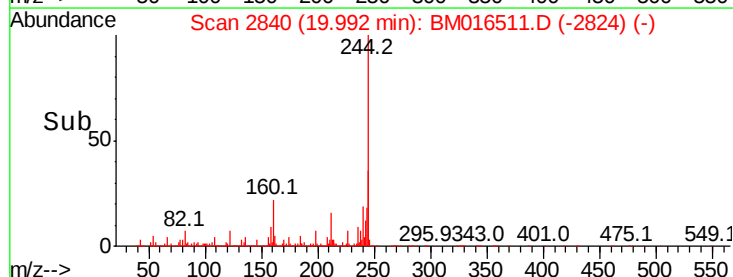
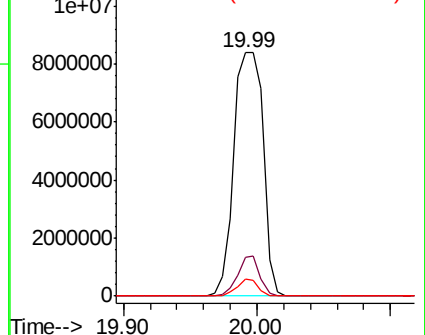
122 6.9 6.2 9.4

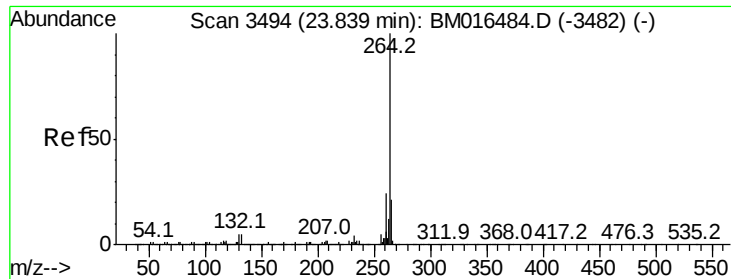


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM016511.D
Acq: 22 Aug 2018 09:11

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

Tot Ion:264 Resp: 2002988

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.5	17.3	25.9

