

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016515.D
 Acq On : 22 Aug 2018 11:36
 Operator : SJ/JU
 Sample : J4275-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Aug 22 13:33:17 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

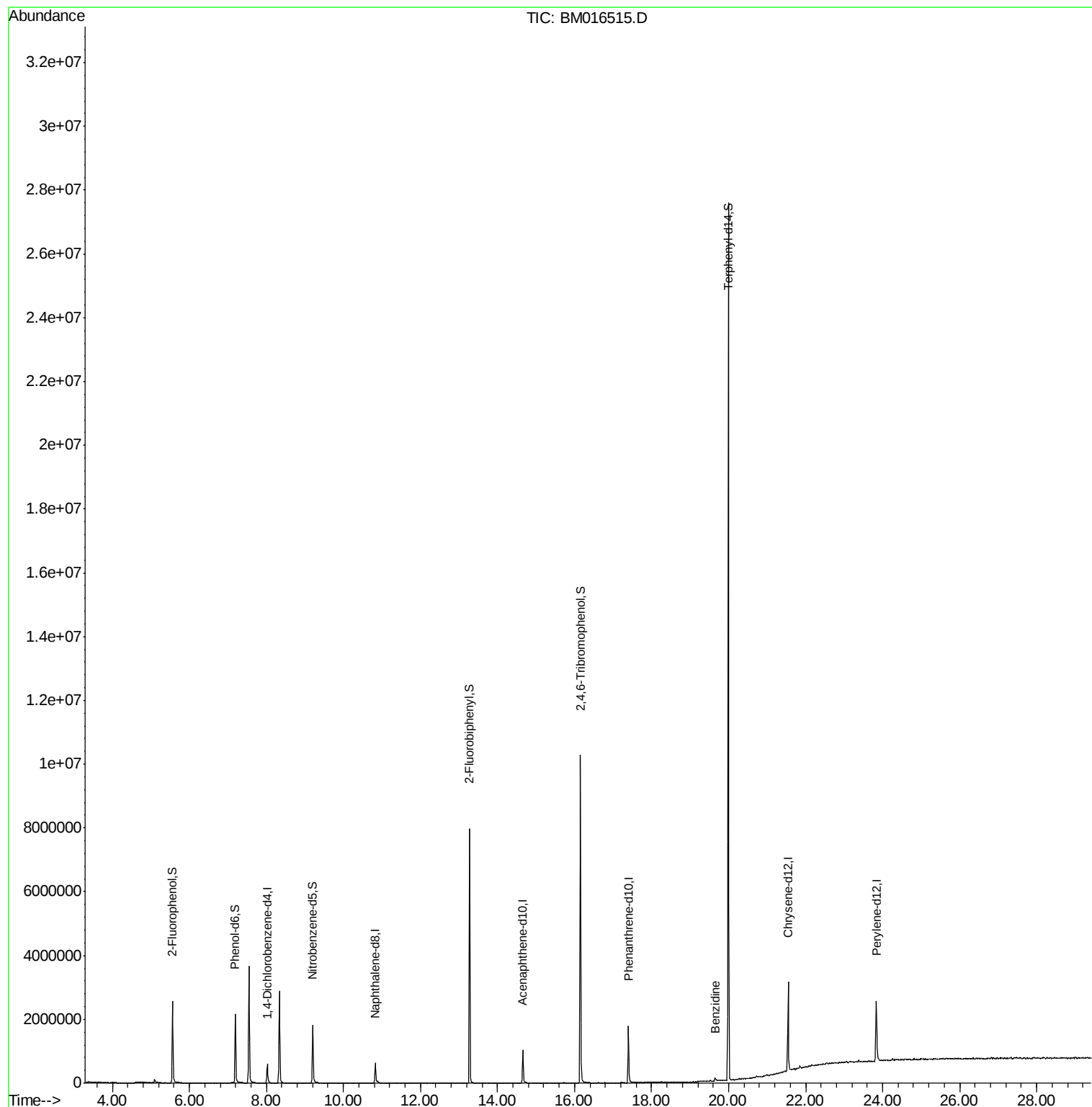
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	136187	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	417707	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	311849	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1064955	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1336409	20.00	ng	0.00
86) Perylene-d12	23.83	264	1485211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	839144	120.74	ng	0.00
7) Phenol-d6	7.19	99	888716	96.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	1008839	110.27	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	1786602	204.94	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3634422	112.03	ng	0.00
78) Terphenyl-d14	19.99	244	9636923	152.63	ng	0.00
Target Compounds						
76) Benzidine	19.64	184	87448	3.403	ng	Qvalue 98

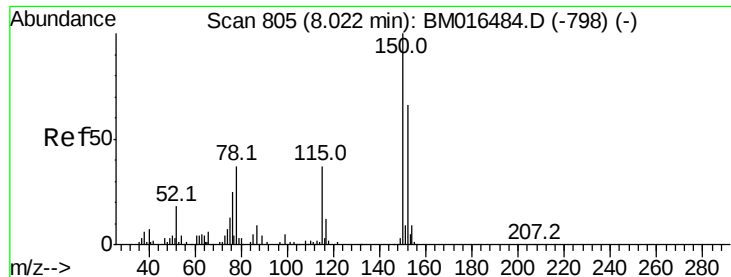
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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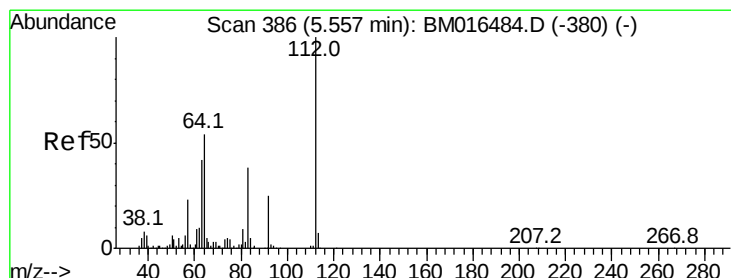
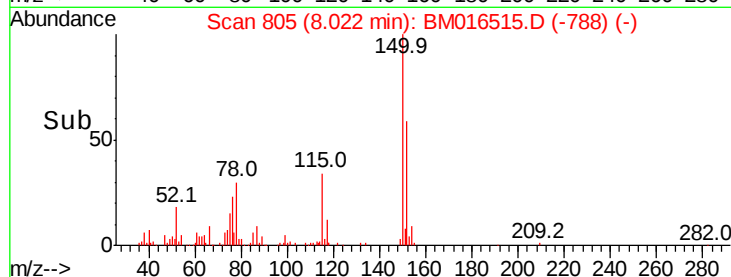
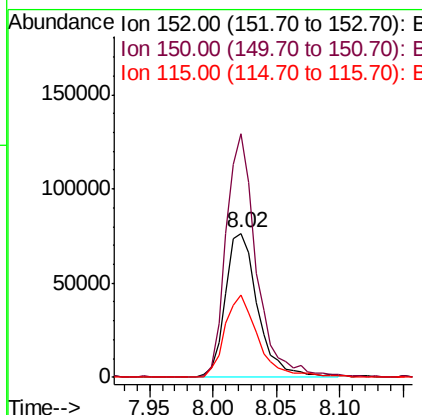
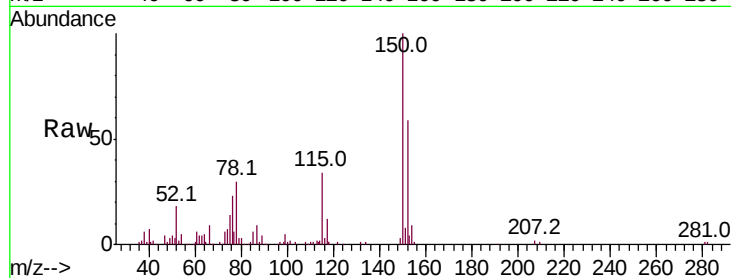


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

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

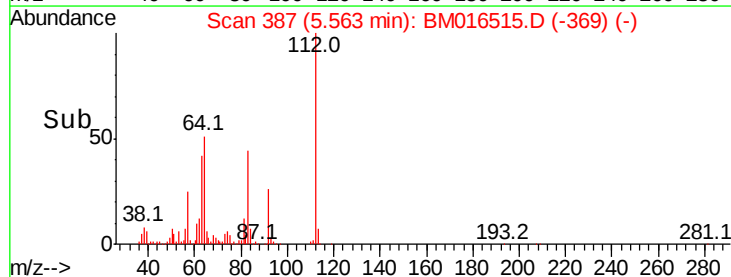
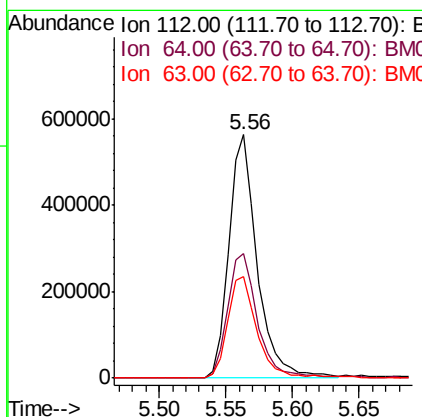
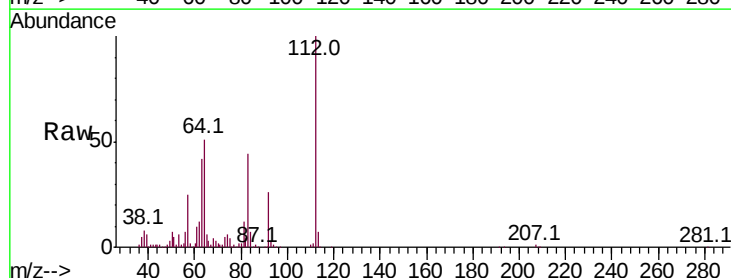
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.6	119.5	179.3
115	57.4	43.0	64.4

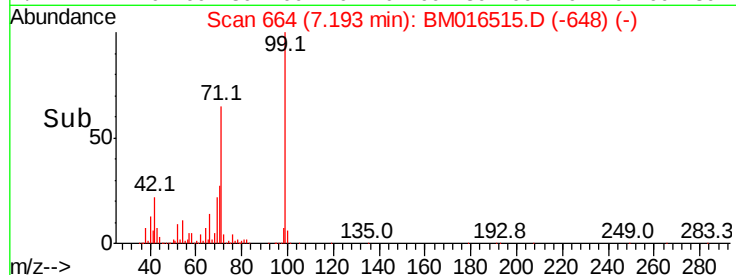
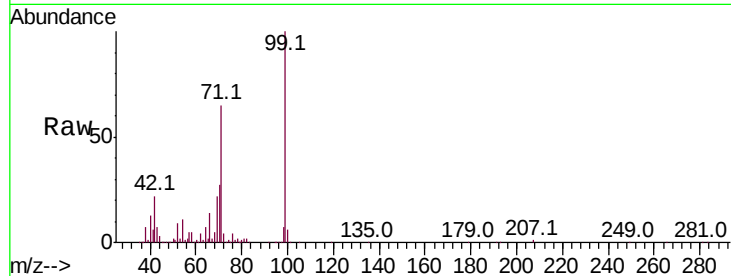
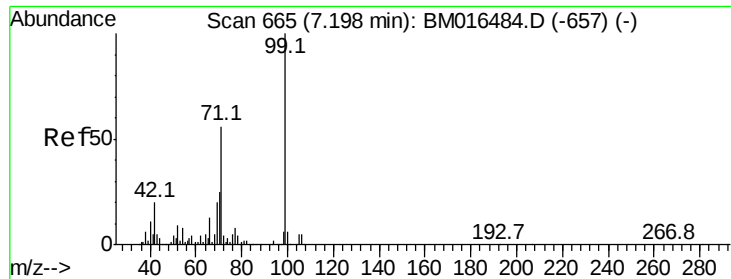


#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	38.6	57.8
63	41.9	19.3	28.9





#7

Phenol-d6

Concen: Below na

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016515.D

Acq: 22 Aug 2018 11:36

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-E

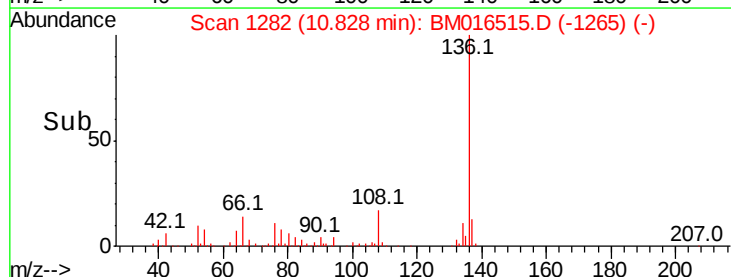
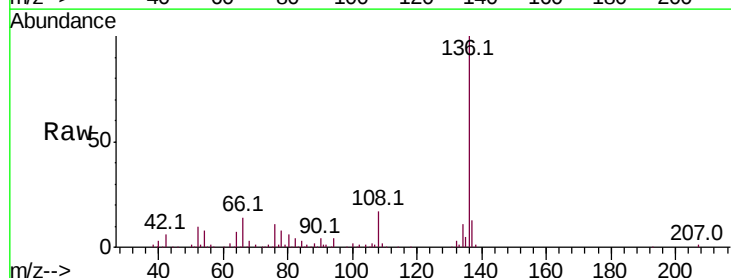
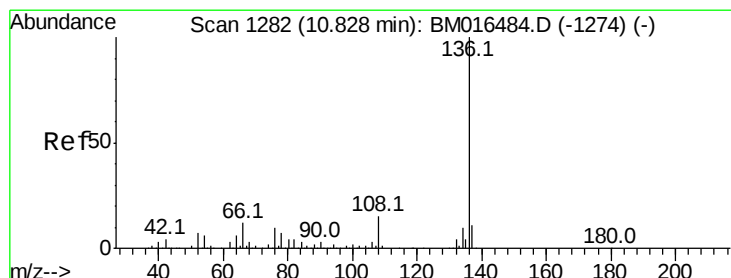
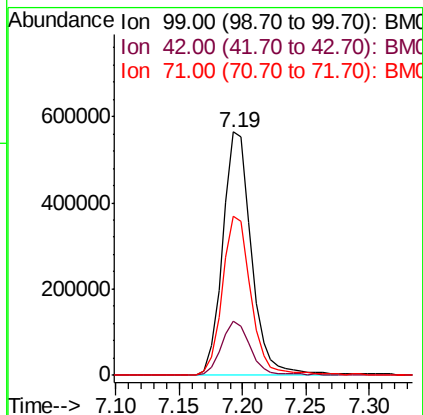
Tot Ion: 99 Resp: 888716

Ion Ratio Lower Upper

99 100

42 22.2 11.0 16.4#

71 65.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016515.D

Acq: 22 Aug 2018 11:36

Tgt Ion: 136 Resp: 417707

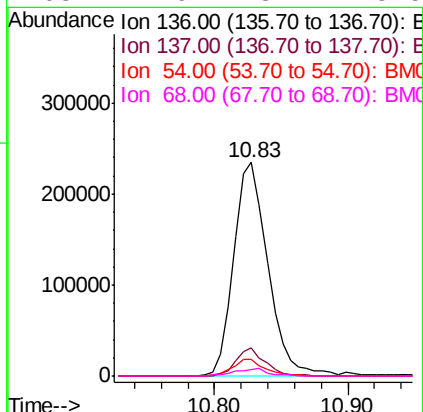
Ion Ratio Lower Upper

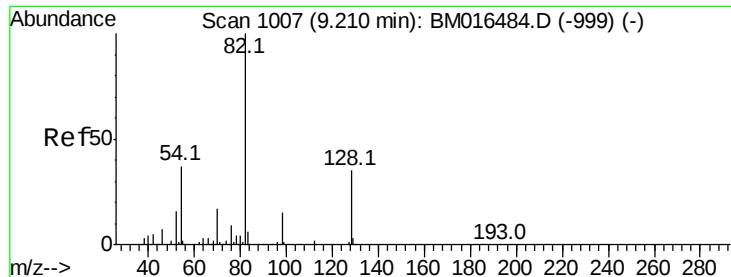
136 100

137 13.2 8.7 13.1#

54 8.1 4.6 6.8#

68 2.9 3.7 5.5#

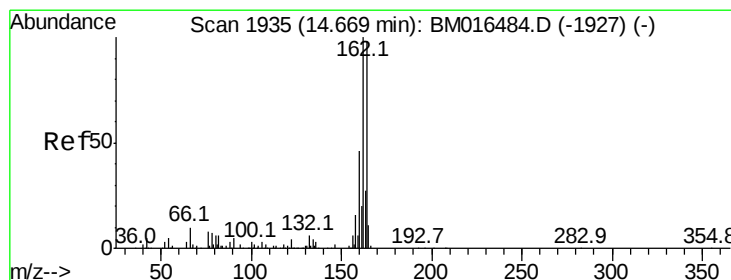
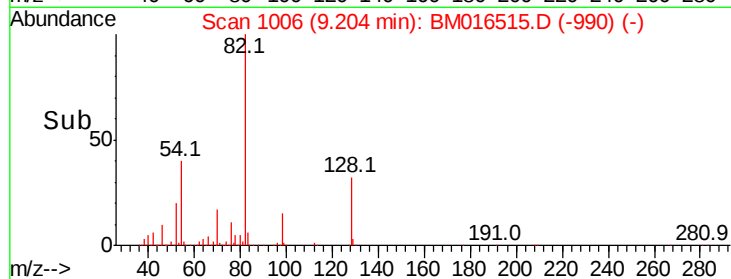
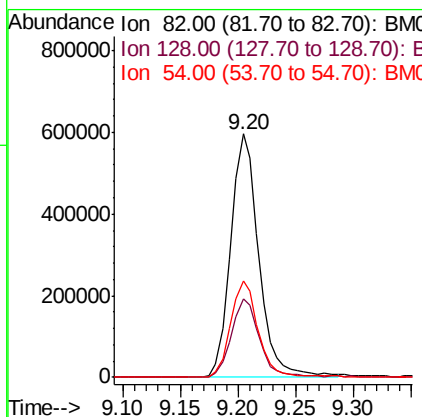
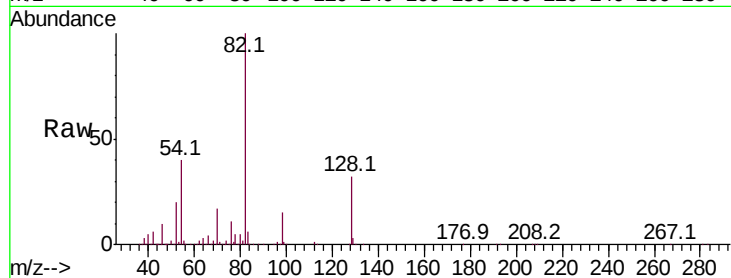




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

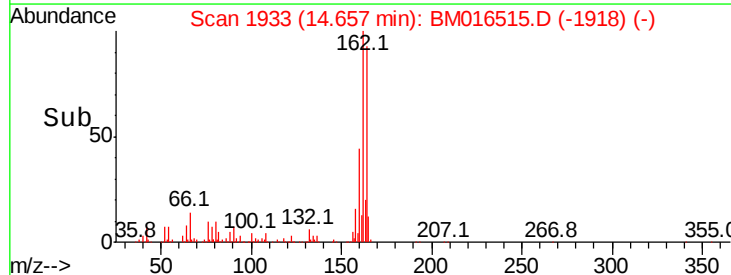
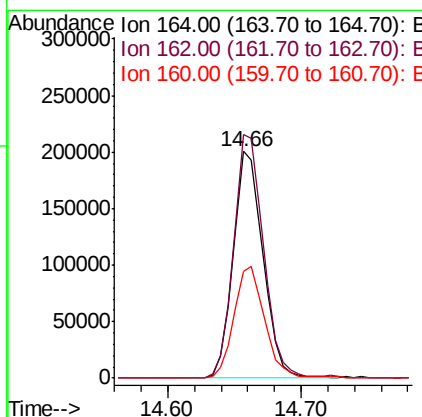
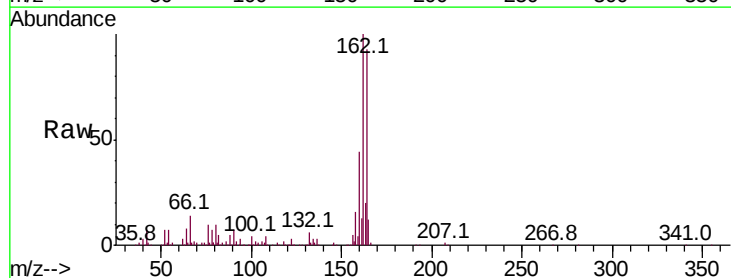
Instrument :
BNA_M
ClientSampleId :
CL-01-082018-E

Tot Ion: 82 Resp: 1008839
Ion Ratio Lower Upper
82 100
128 32.2 32.8 49.2#
54 39.7 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: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion: 164 Resp: 311849
Ion Ratio Lower Upper
164 100
162 107.3 82.4 123.6
160 46.9 35.8 53.6

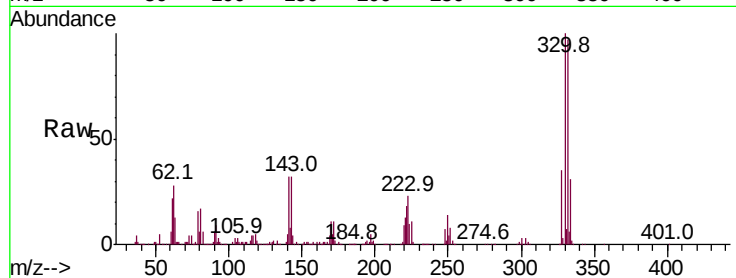




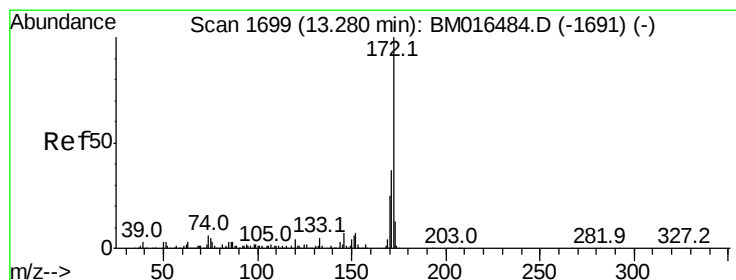
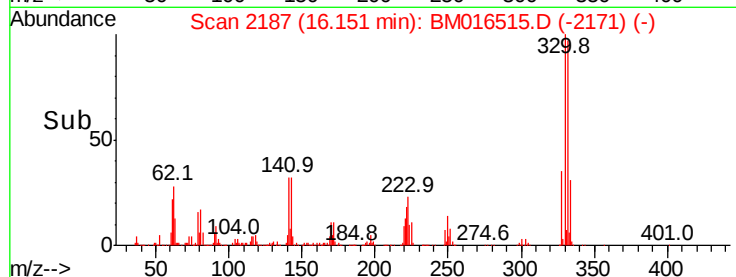
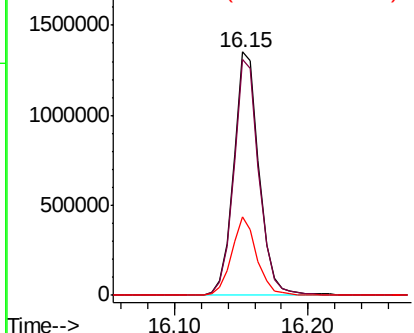
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

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

Tot Ion:330 Resp: 1786602
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 32.2 0.0 0.0#

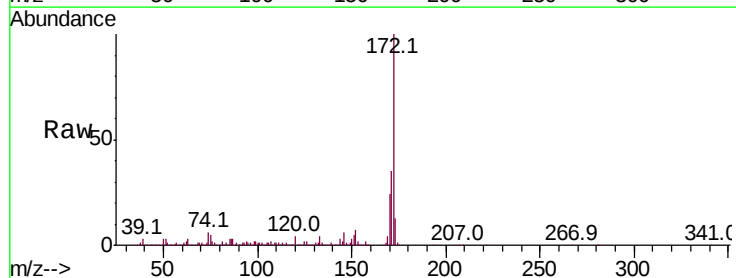


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

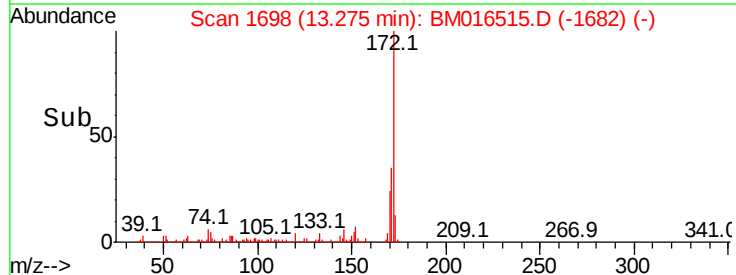
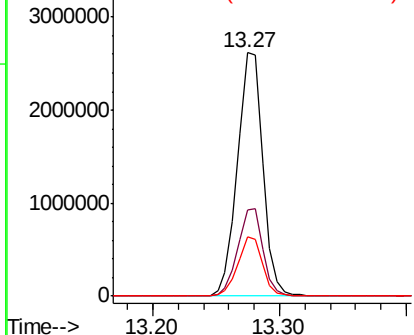


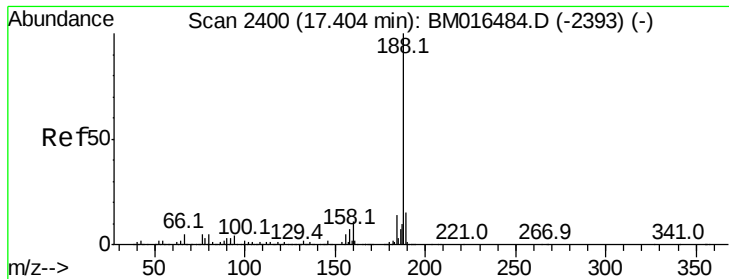
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion:172 Resp: 3634422
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.8 28.2



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

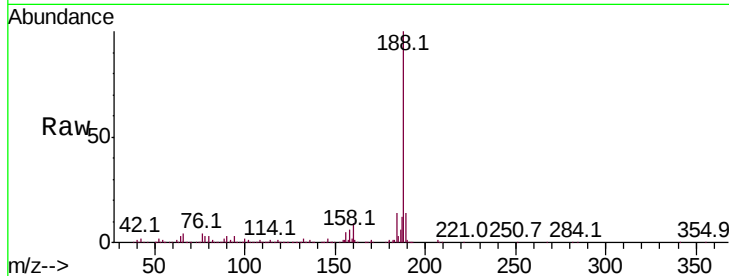




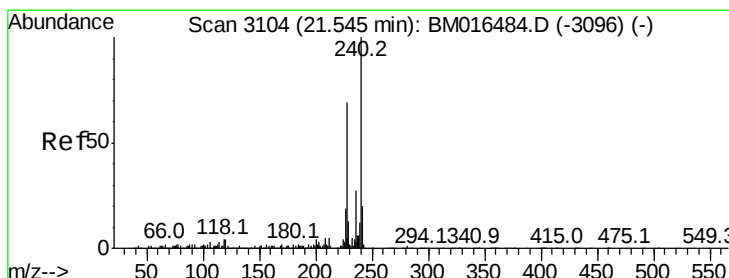
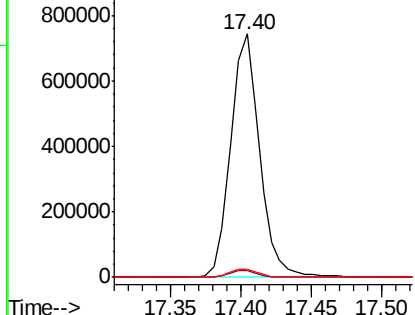
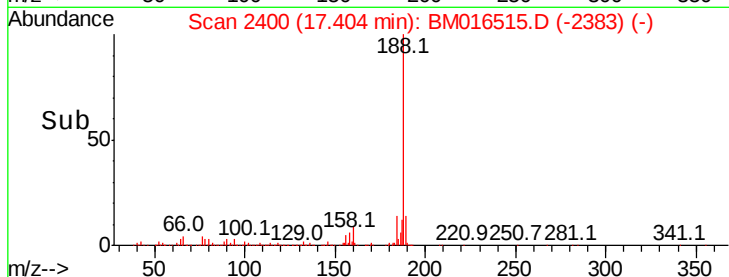
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

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

Tot Ion:188 Resp: 1064955
Ion Ratio Lower Upper
188 100
94 2.7 8.7 13.1#
80 3.1 9.3 13.9#

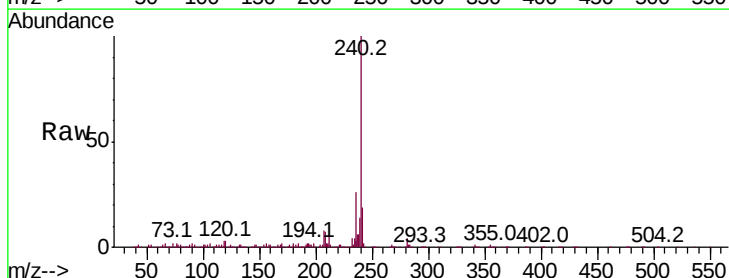


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

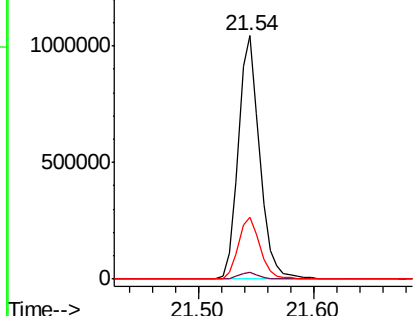
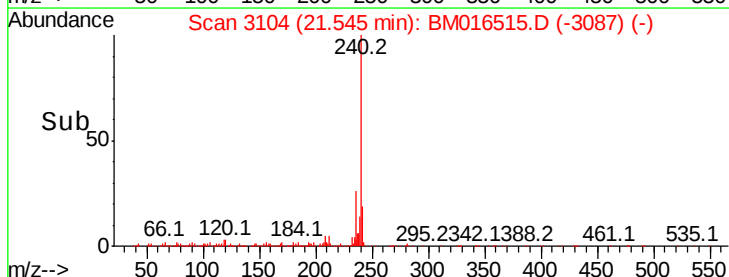


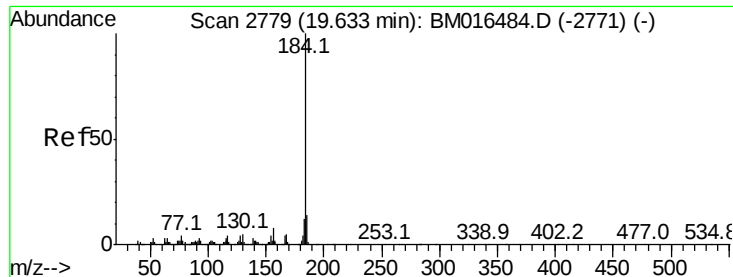
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion:240 Resp: 1336409
Ion Ratio Lower Upper
240 100
120 2.6 8.2 12.2#
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

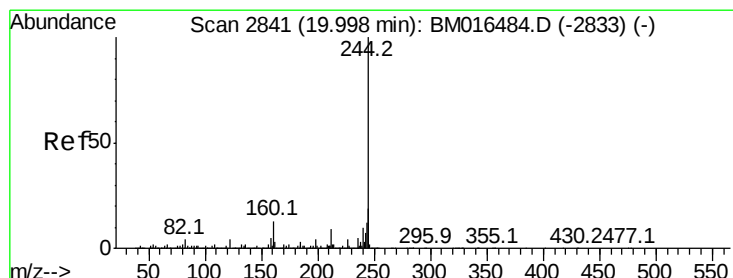
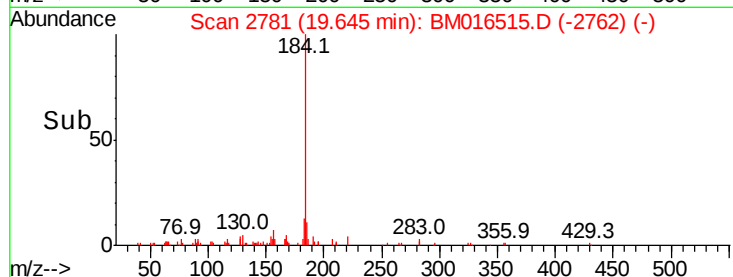
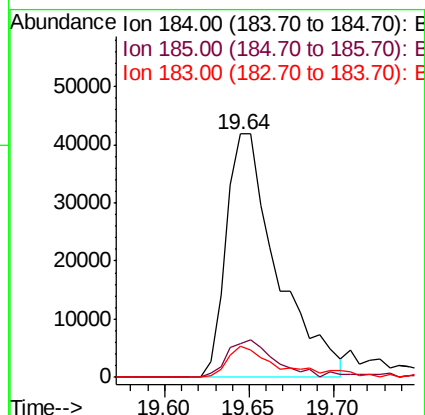
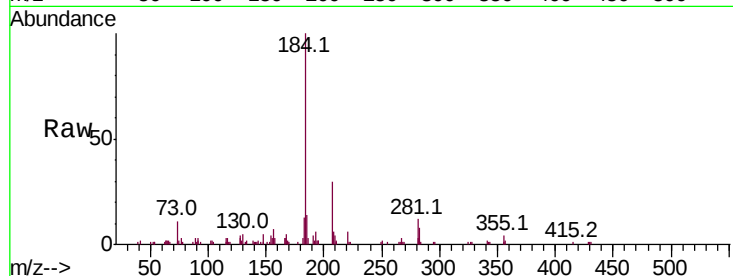




#76
Benzidine
Concen: 3.403 ng
RT: 19.64 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

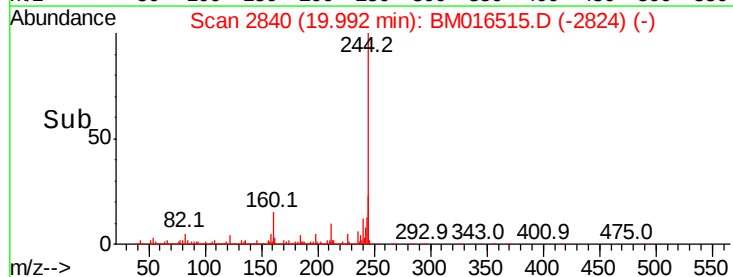
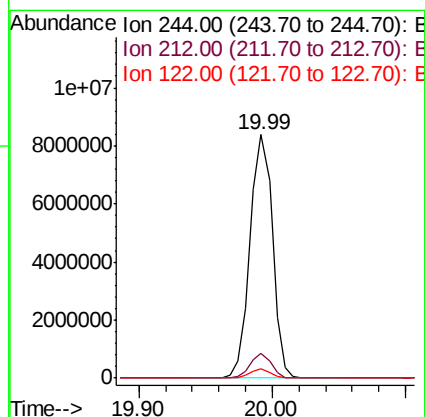
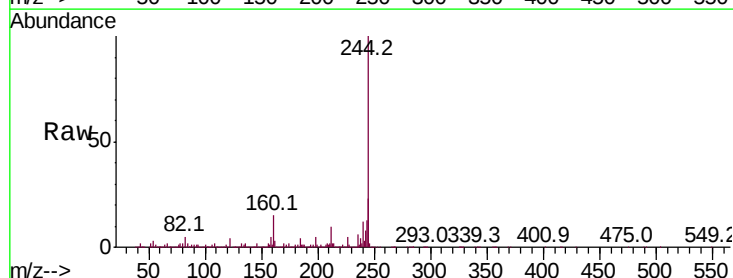
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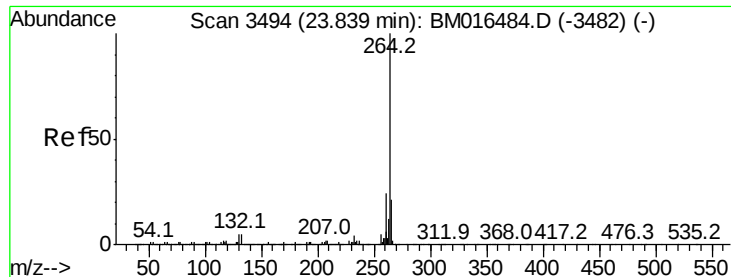
Tot Ion:184 Resp: 87448
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 12.8 8.9 13.3



#78
Terphenyl-d14
Concen: Below ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016515.D
Acq: 22 Aug 2018 11:36

Tgt Ion:244 Resp: 9636923
Ion Ratio Lower Upper
244 100
212 10.4 4.9 7.3#
122 3.9 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: BM016515.D
 Acq: 22 Aug 2018 11:36

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

Tot Ion: 264 Resp: 1485211

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.0	17.3	25.9

