

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016514.D
 Acq On : 22 Aug 2018 11:00
 Operator : SJ/JU
 Sample : J4275-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 22 13:31:01 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

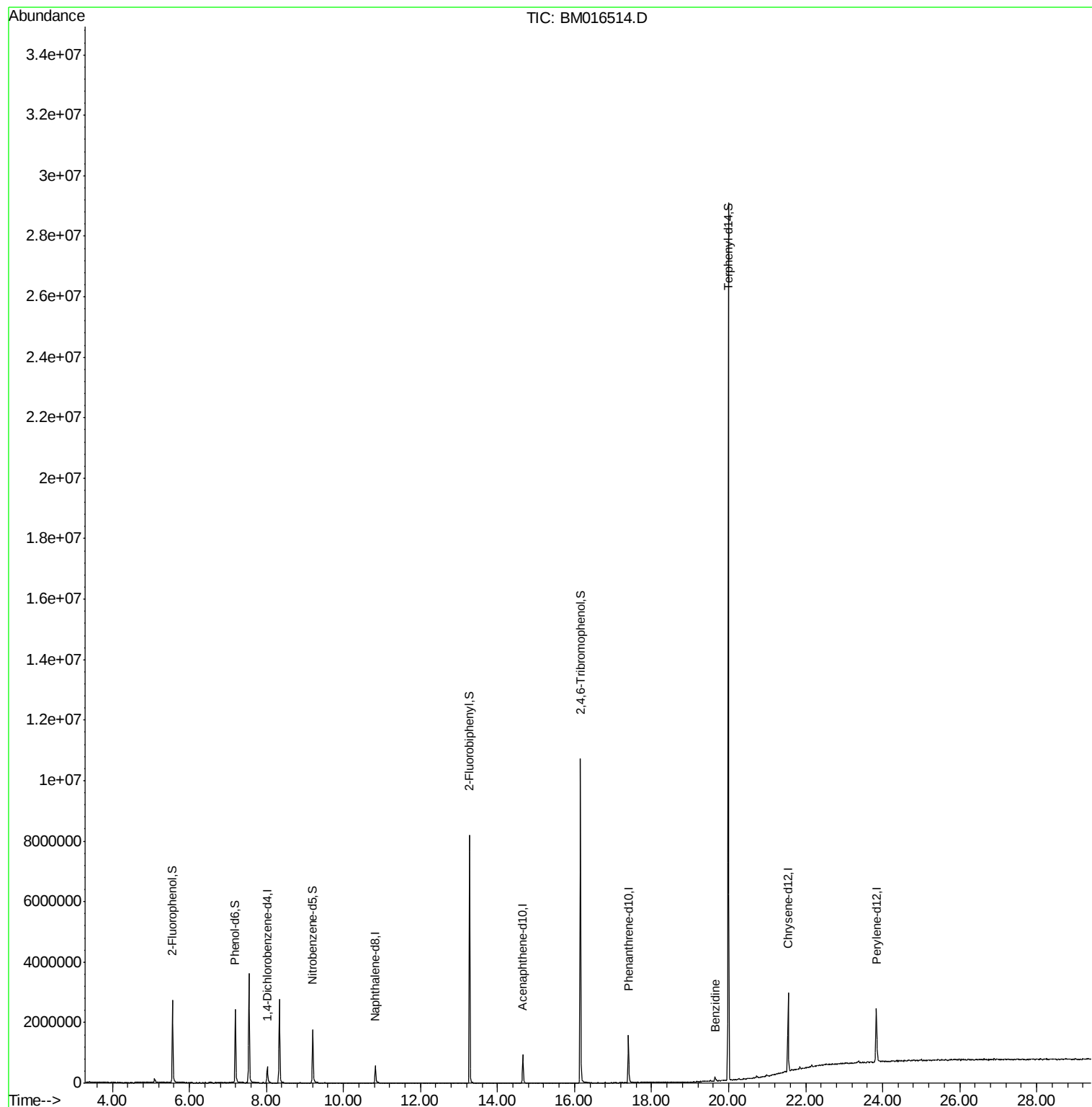
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	128014	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	378542	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	286629	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	987649	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1284352	20.00	ng	0.00
86) Perylene-d12	23.83	264	1451394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	882488	135.09	ng	0.00
7) Phenol-d6	7.19	99	965089	111.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	992855	119.76	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1847845	230.62	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3618661	121.35	ng	0.00
78) Terphenyl-d14	19.99	244	9907372	163.27	ng	0.00
Target Compounds						
76) Benzidine	19.64	184	113545	4.597	ng	Qvalue # 91

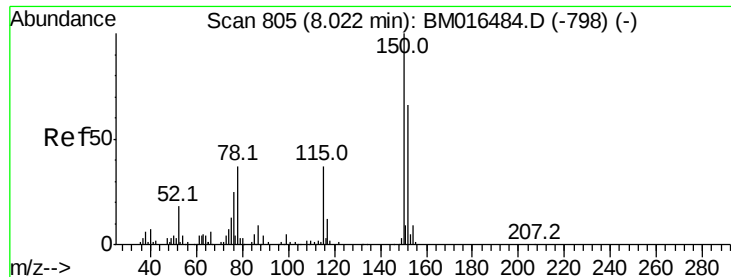
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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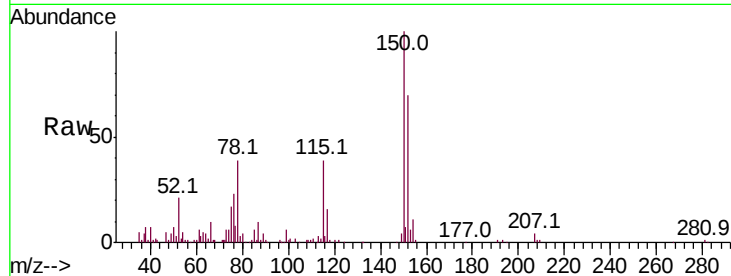


#1

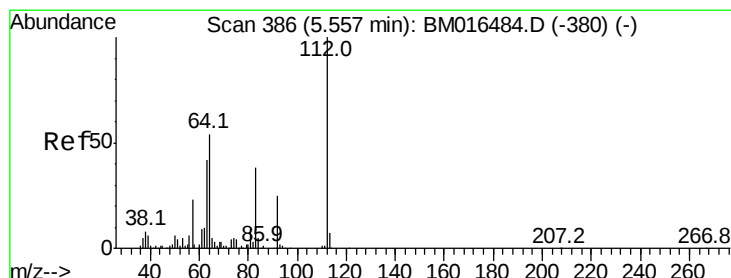
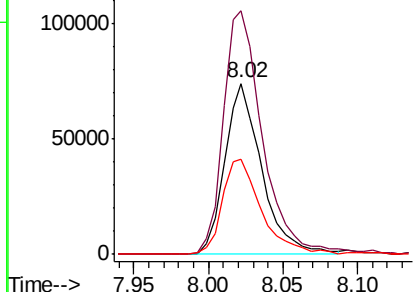
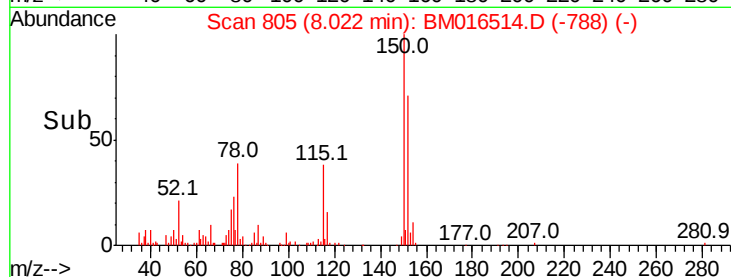
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	119.5	179.3
115	55.4	43.0	64.4



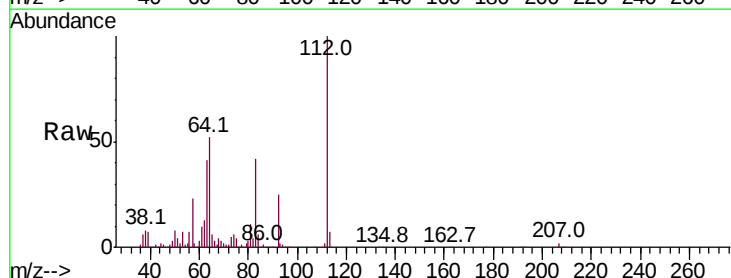
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



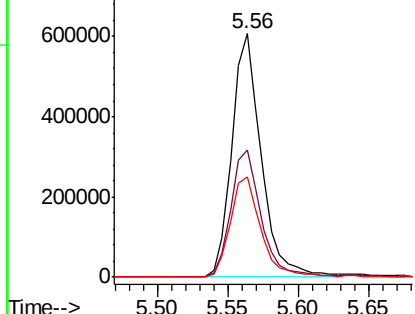
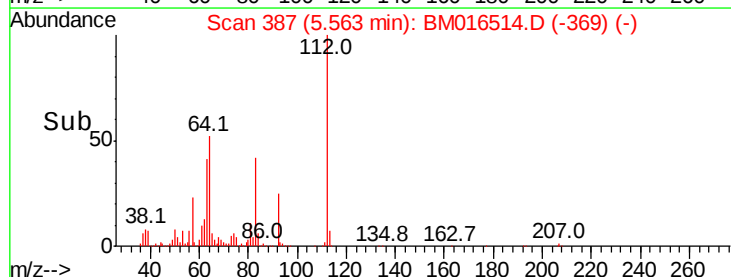
#5

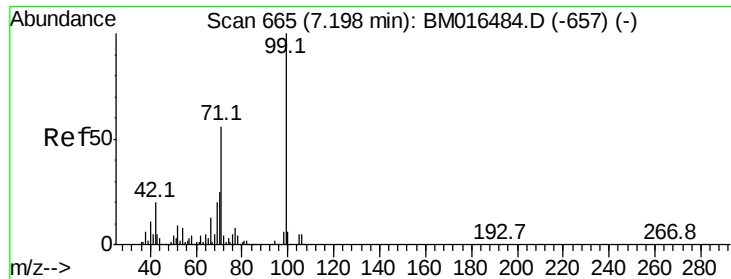
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	38.6	57.8
63	41.4	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: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

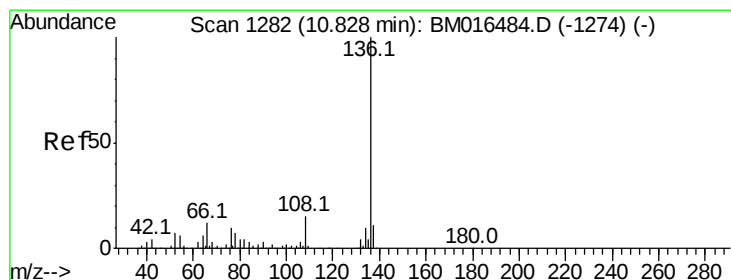
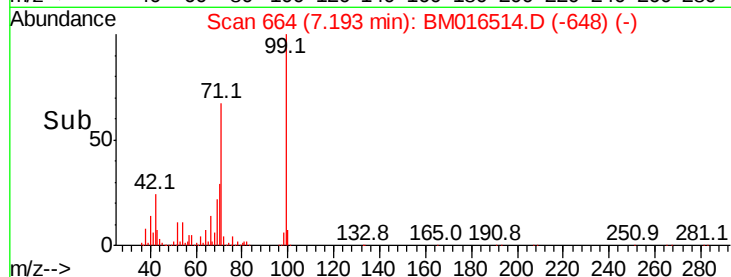
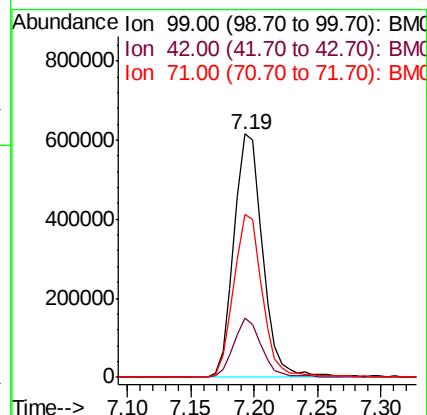
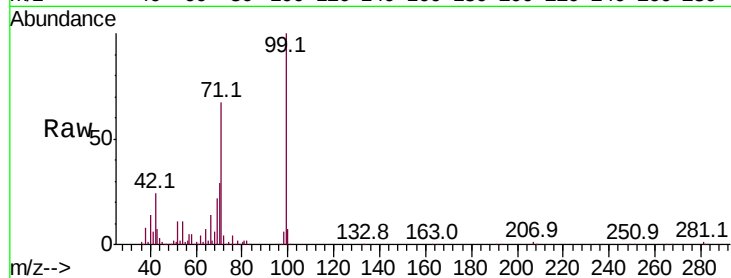
Tot Ion: 99 Resp: 965089

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

71 67.0 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: BM016514.D

Acq: 22 Aug 2018 11:00

Tgt Ion: 136 Resp: 378542

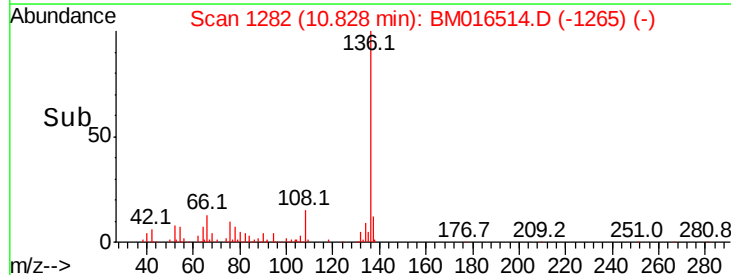
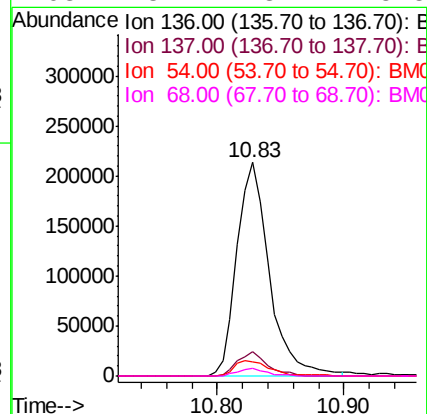
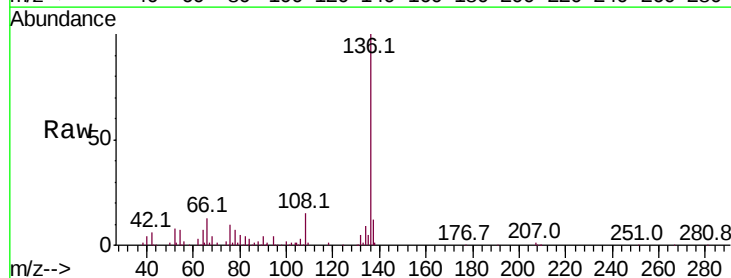
Ion Ratio Lower Upper

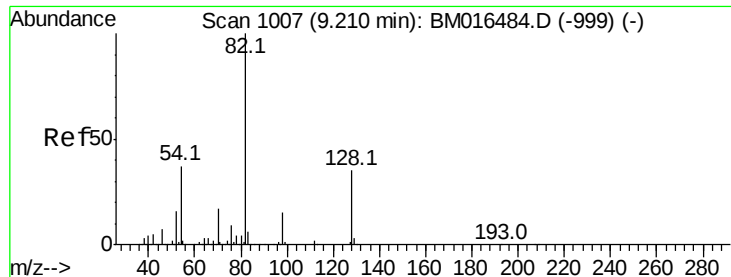
136 100

137 11.5 8.7 13.1

54 6.6 4.6 6.8

68 3.7 3.7 5.5

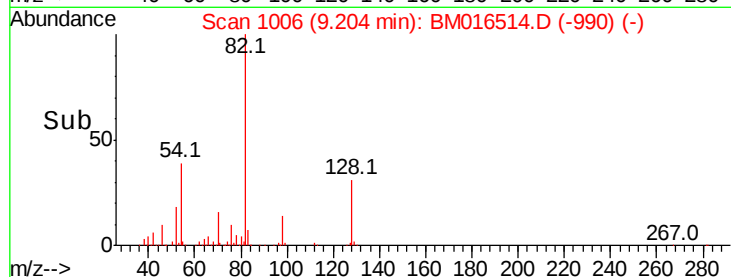
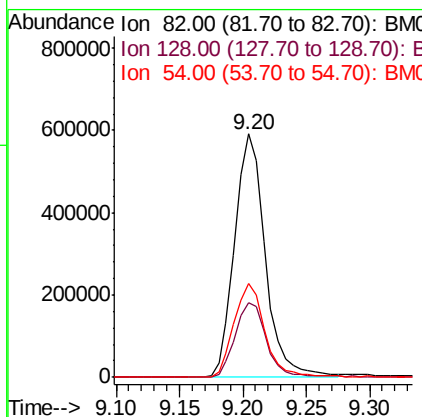
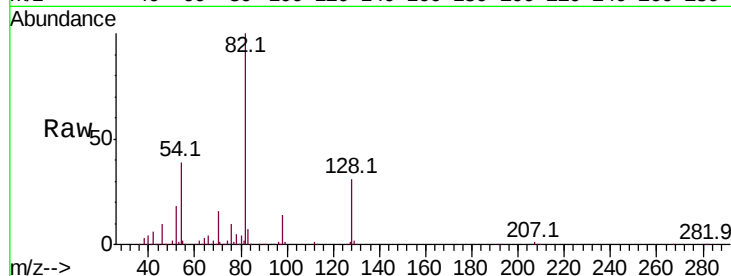




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

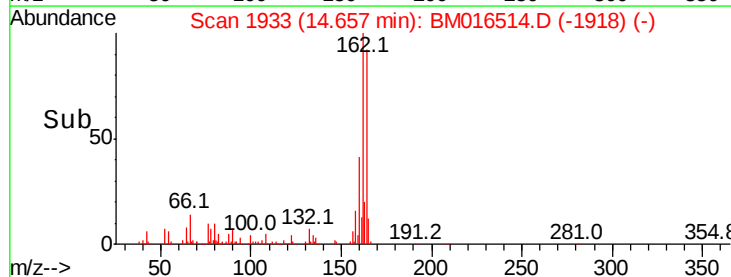
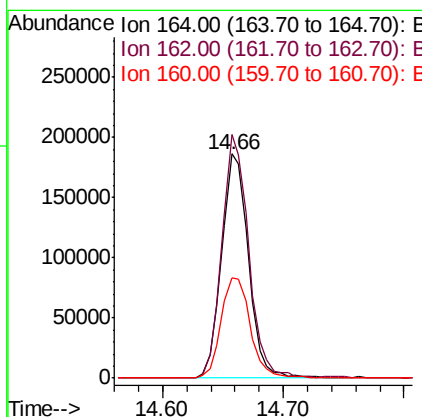
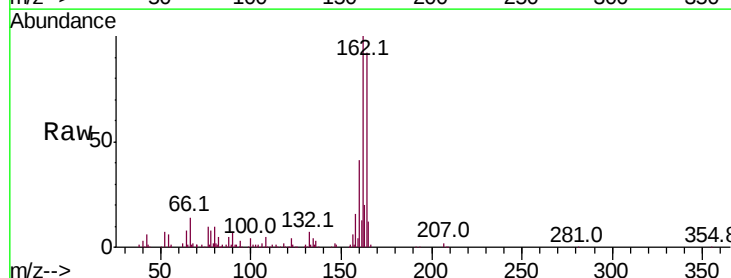
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082018-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.7	32.8	49.2#
54	38.5	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: BM016514.D
 Acq: 22 Aug 2018 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	44.5	35.8	53.6

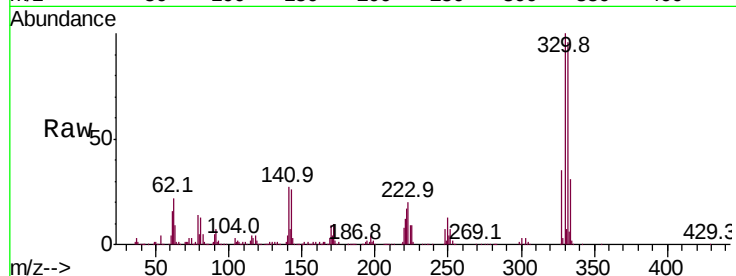




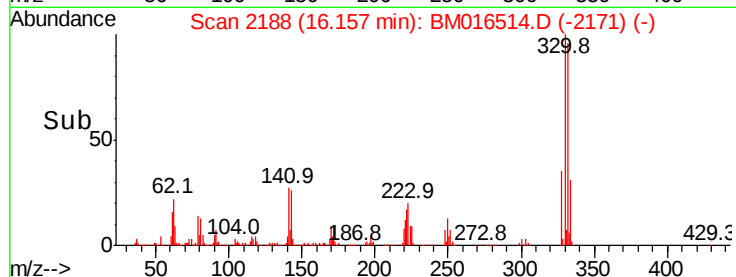
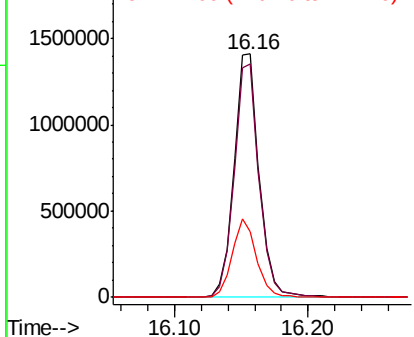
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

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

Tot Ion:330 Resp: 1847845
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 31.3 0.0 0.0#

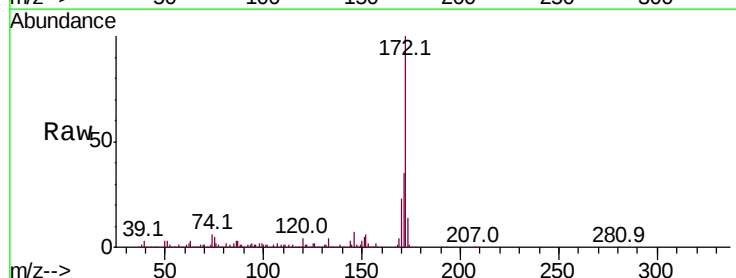


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

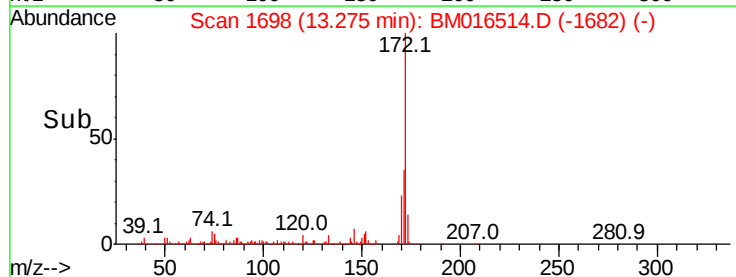
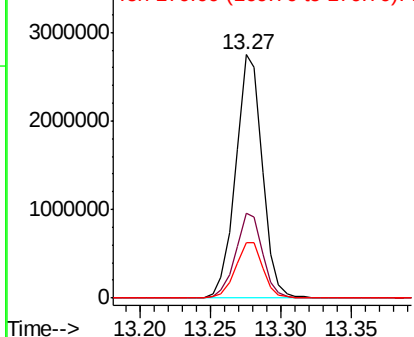


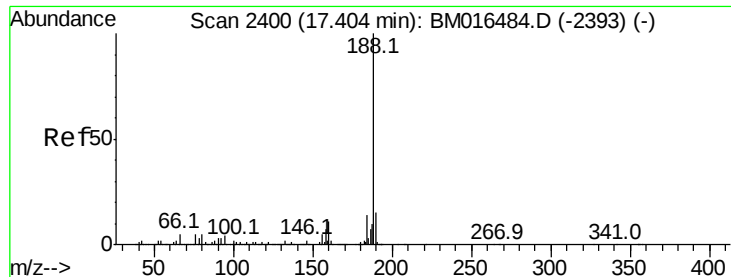
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016514.D
 Acq: 22 Aug 2018 11:00

Tgt Ion:172 Resp: 3618661
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.0 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

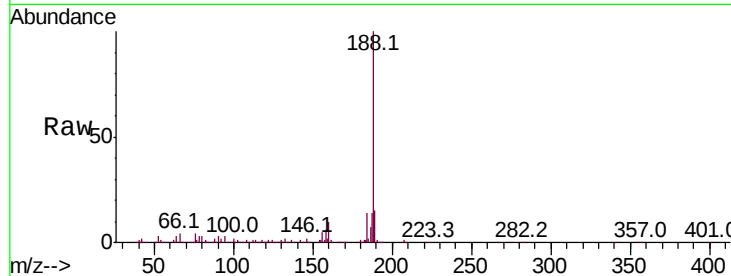




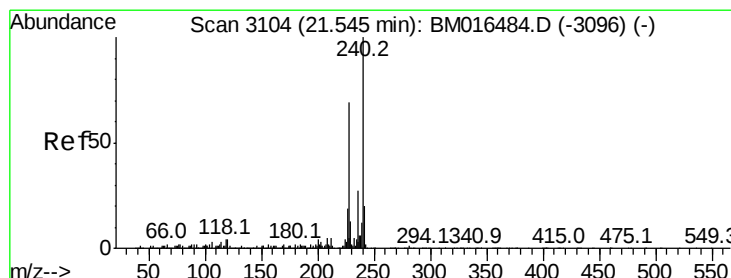
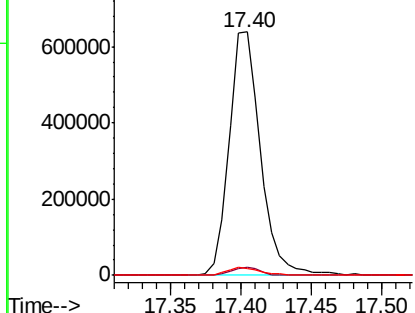
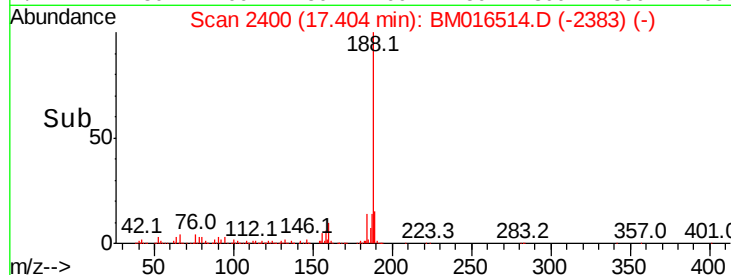
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

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

Tot Ion:188 Resp: 987649
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 2.8 9.3 13.9#

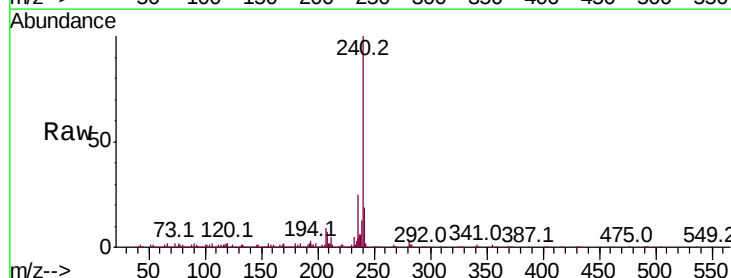


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

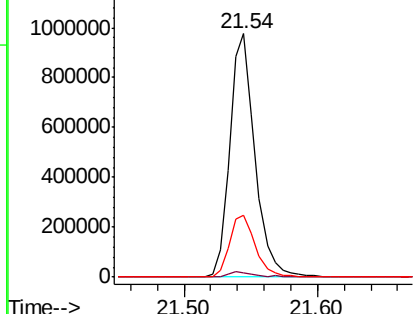
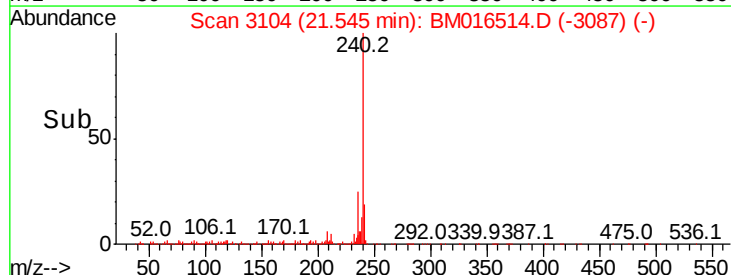


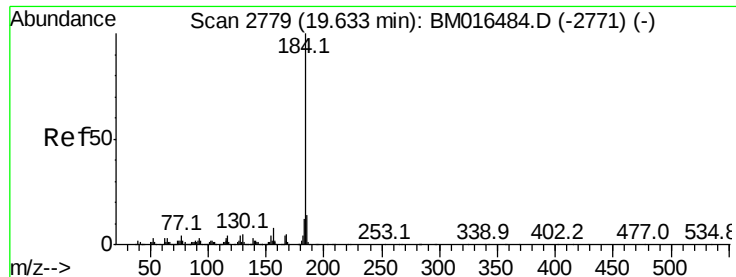
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM016514.D
Acq: 22 Aug 2018 11:00

Tgt Ion:240 Resp: 1284352
Ion Ratio Lower Upper
240 100
120 2.0 8.2 12.2#
236 25.4 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





#76

Benzidine

Concen: 4.597 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

Instrument :

BNA_M

ClientSampleId :

CL-01-082018-D

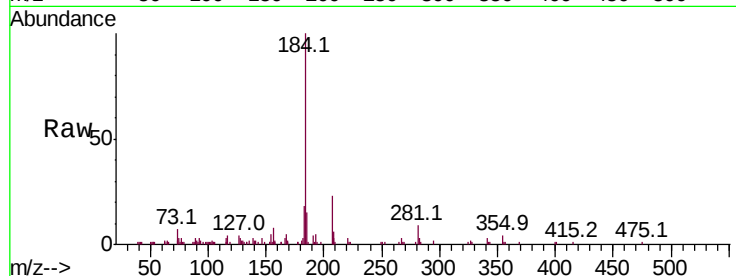
Tot Ion:184 Resp: 113545

Ion Ratio Lower Upper

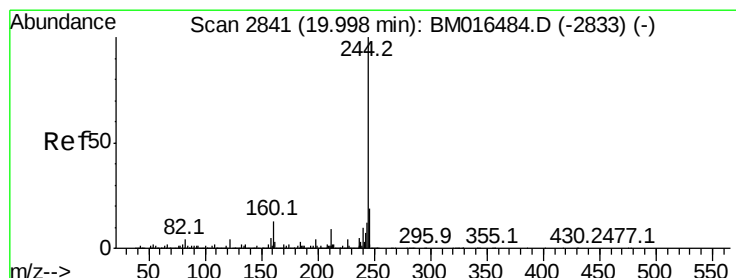
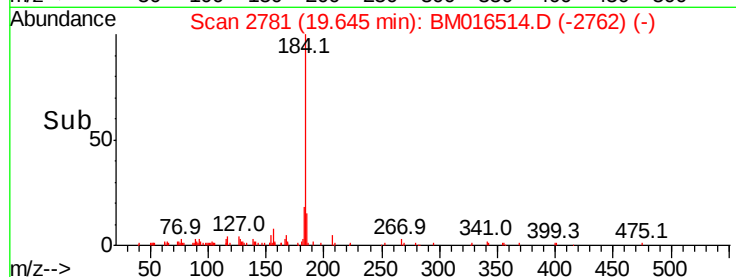
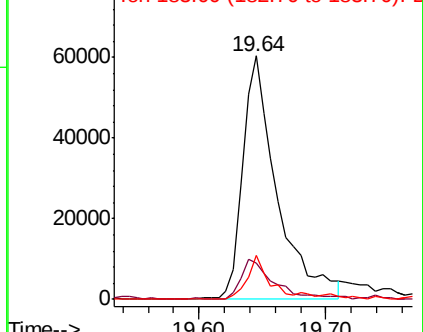
184 100

185 15.1 11.3 16.9

183 18.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016514.D

Acq: 22 Aug 2018 11:00

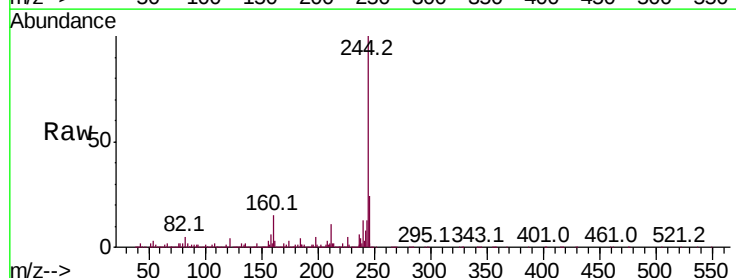
Tgt Ion:244 Resp: 9907372

Ion Ratio Lower Upper

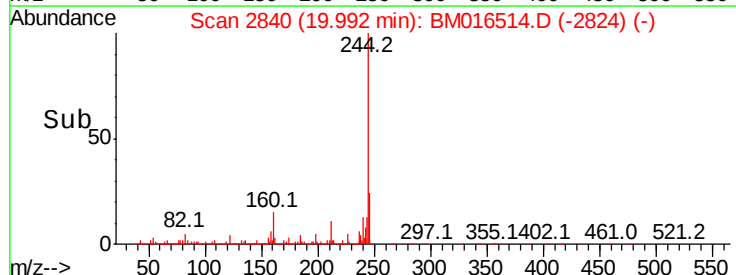
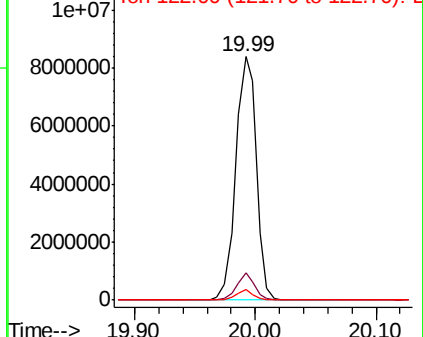
244 100

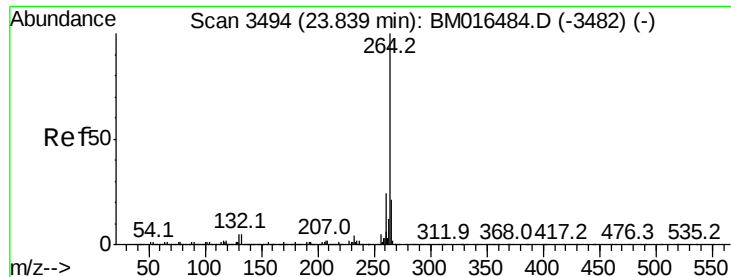
212 11.3 4.9 7.3#

122 4.1 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: BM016514.D
 Acq: 22 Aug 2018 11:00

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

Tot Ion:264 Resp: 1451394

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.6	17.3	25.9

