

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016495.D
 Acq On : 21 Aug 2018 22:06
 Operator : SJ/JU
 Sample : J4277-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081718-A

Quant Time: Aug 22 00:03:28 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

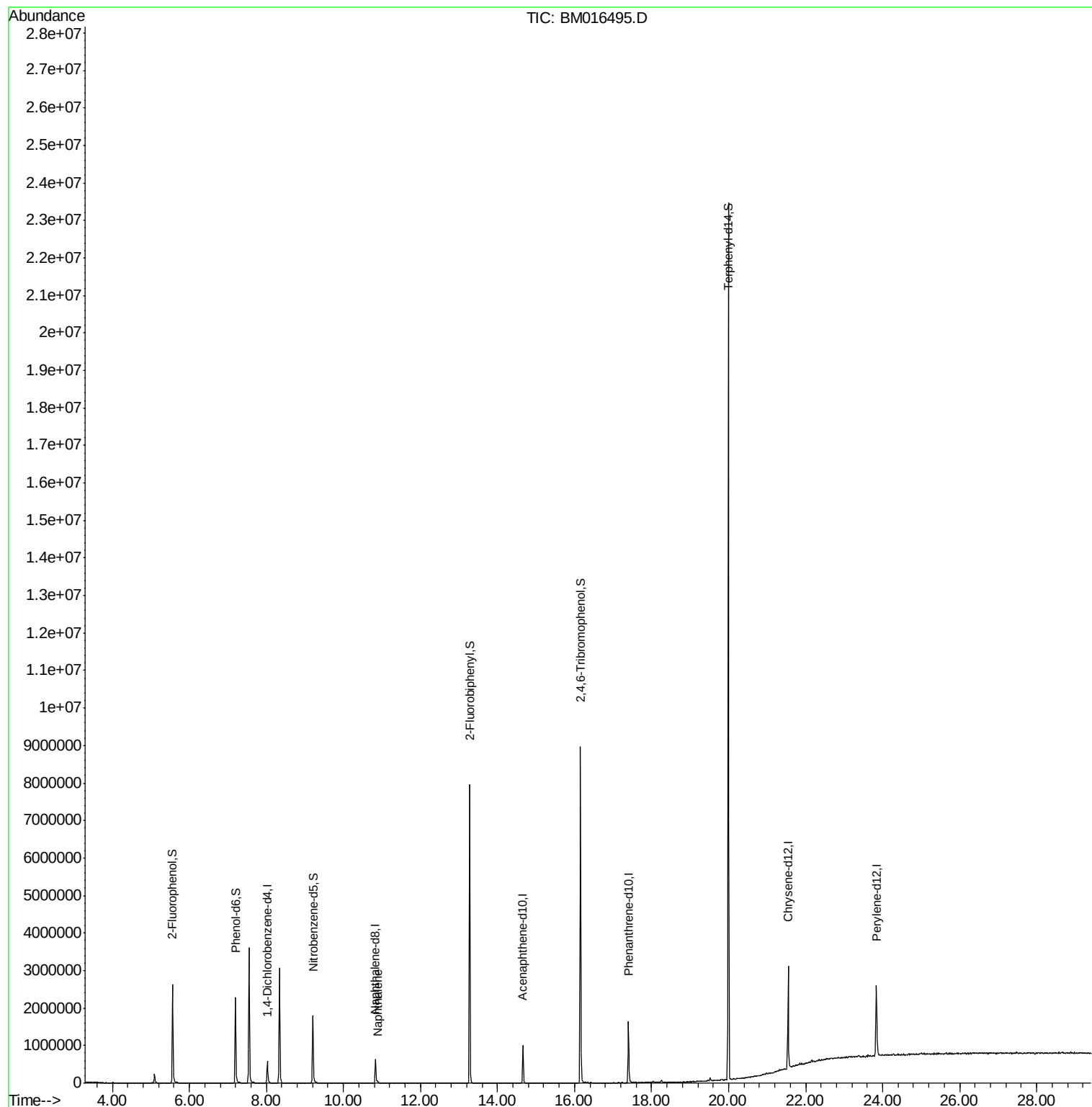
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	133169	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	424743	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	298272	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	952301	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1220463	20.00	ng	0.00
86) Perylene-d12	23.83	264	1421794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	884886	130.21	ng	0.00
7) Phenol-d6	7.20	99	953106	105.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	1047839	112.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1550765	185.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3452682	111.27	ng	0.00
78) Terphenyl-d14	19.99	244	8730872	151.41	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	41783	2.065	ng	Qvalue 96

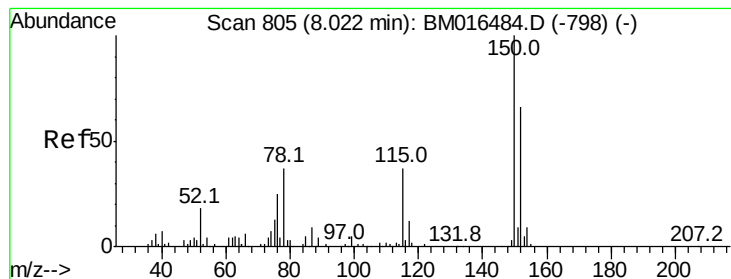
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-A

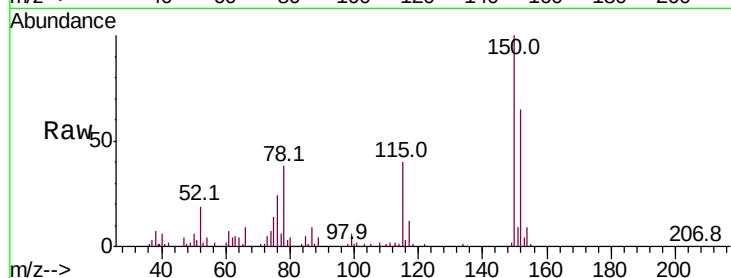
Tot Ion:152 Resp: 133169

Ion Ratio Lower Upper

152 100

150 153.4 119.5 179.3

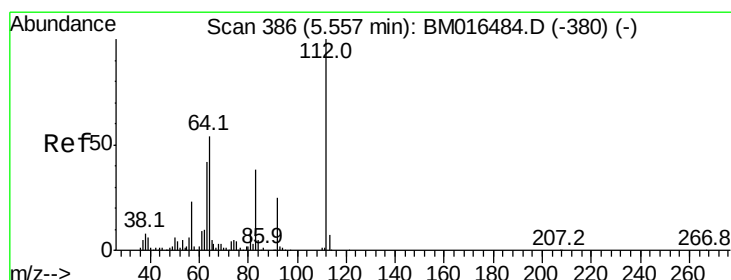
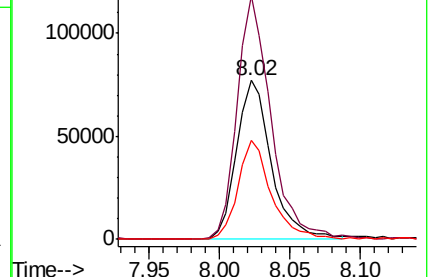
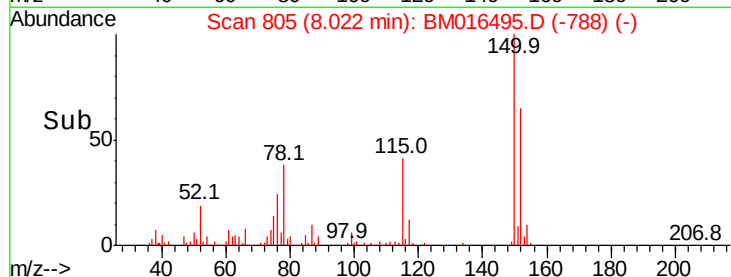
115 62.1 43.0 64.4



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: BM016495.D

Acq: 21 Aug 2018 22:06

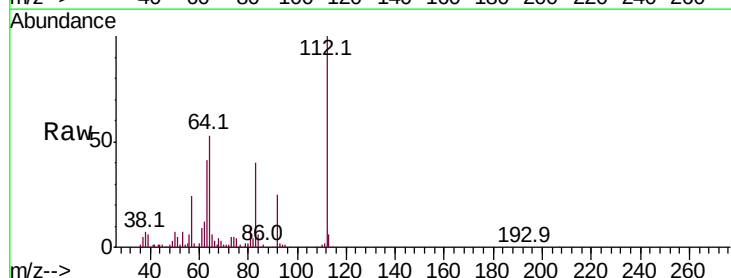
Tgt Ion:112 Resp: 884886

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

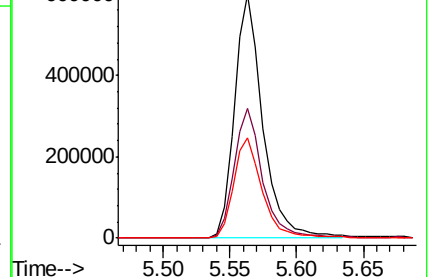
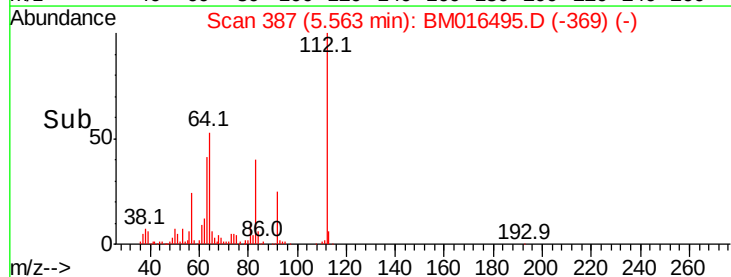
63 41.3 19.3 28.9#

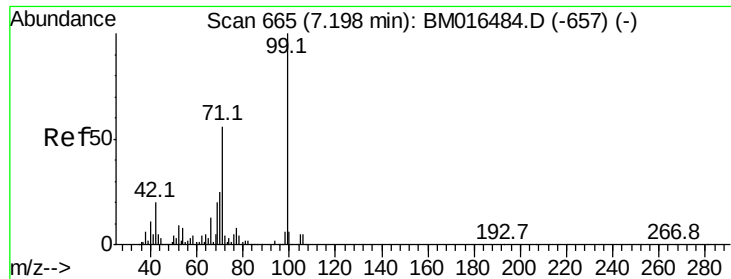


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-A

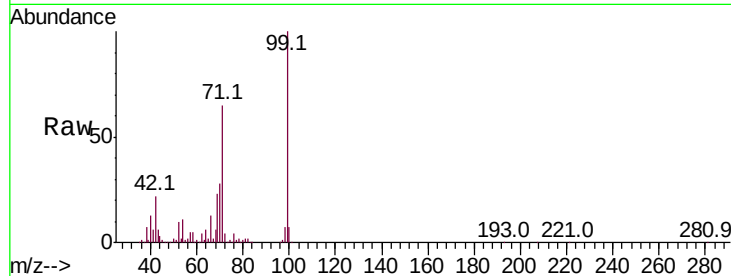
Tot Ion: 99 Resp: 953106

Ion Ratio Lower Upper

99 100

42 21.9 11.0 16.4#

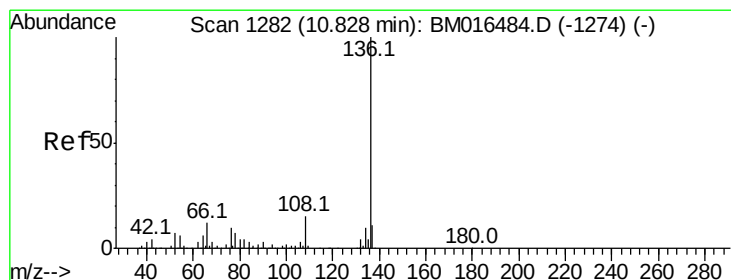
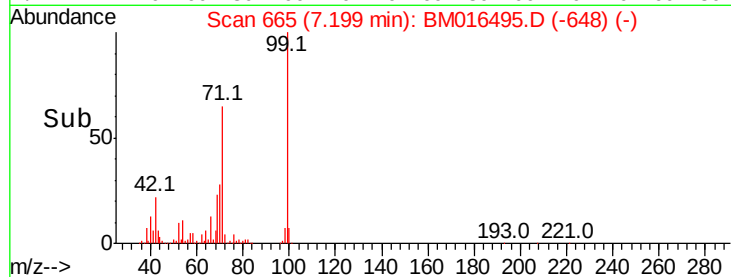
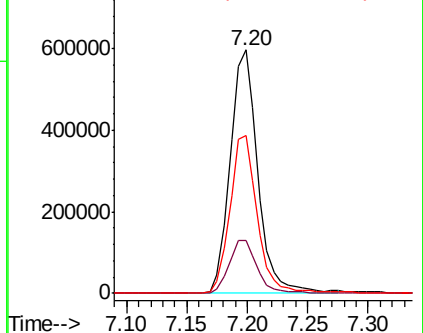
71 64.7 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Tgt Ion: 136 Resp: 424743

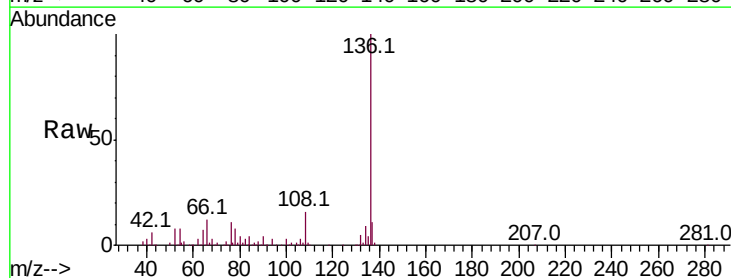
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.7 4.6 6.8#

68 3.5 3.7 5.5#

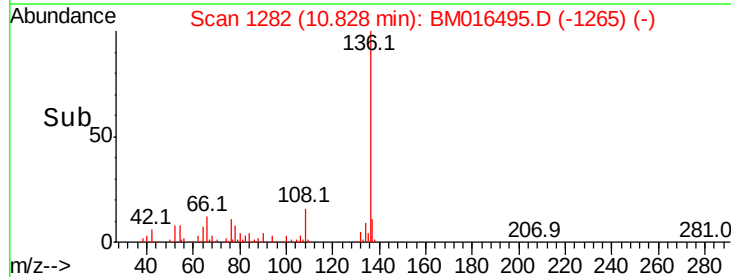
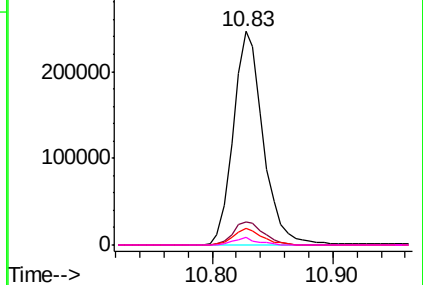


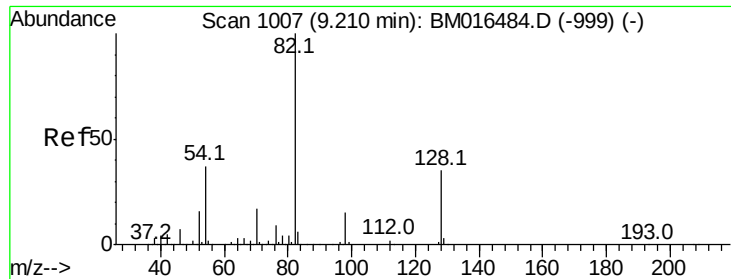
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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) (-)





#23

Nitrobenzene-d5

Concen: Below na

RT: 9.21 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

OR-03-081718-A

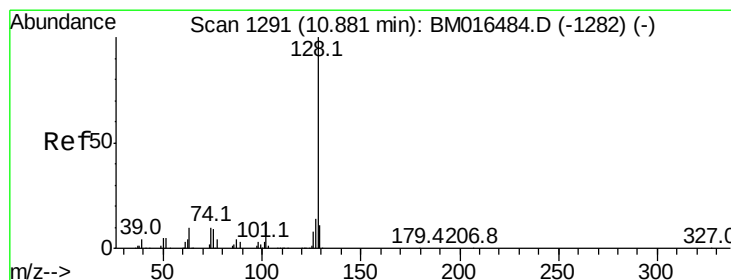
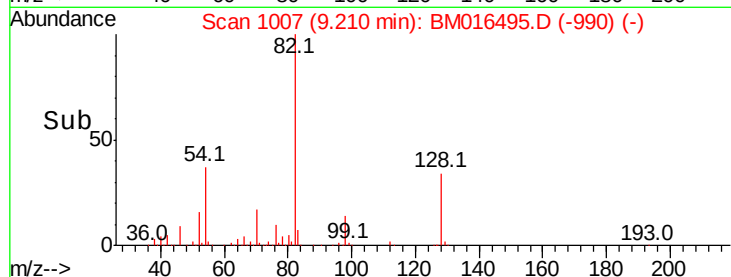
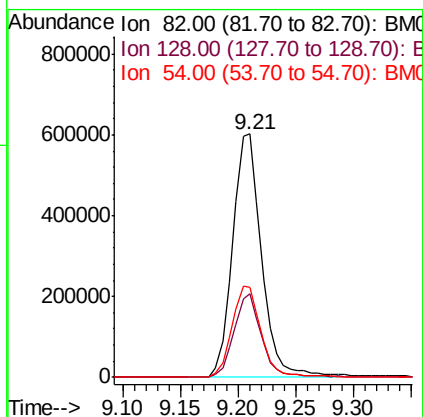
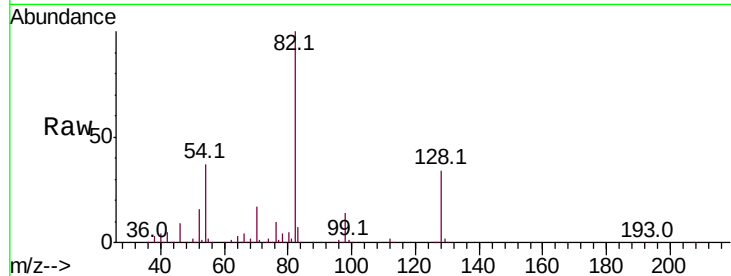
Tot Ion: 82 Resp: 1047839

Ion Ratio Lower Upper

82 100

128 34.2 32.8 49.2

54 36.9 40.6 60.8#



#31

Naphthalene

Concen: 2.065 ng

RT: 10.89 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

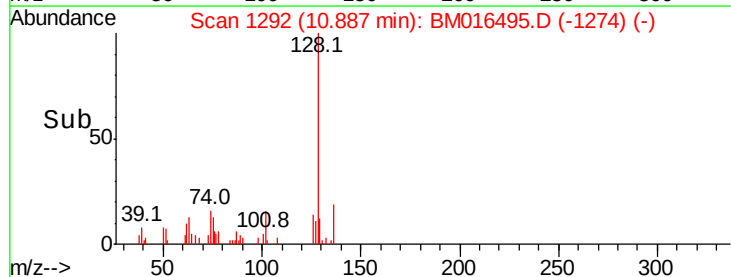
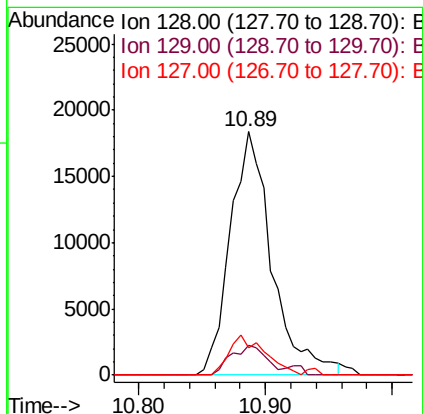
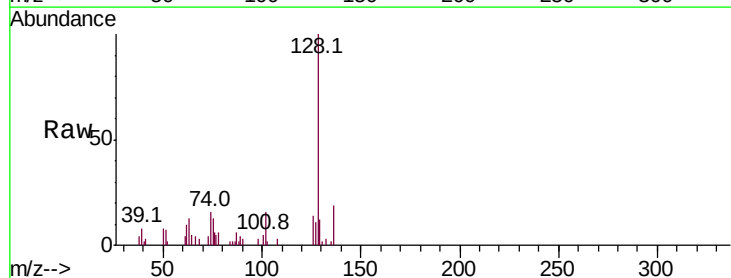
Tgt Ion:128 Resp: 41783

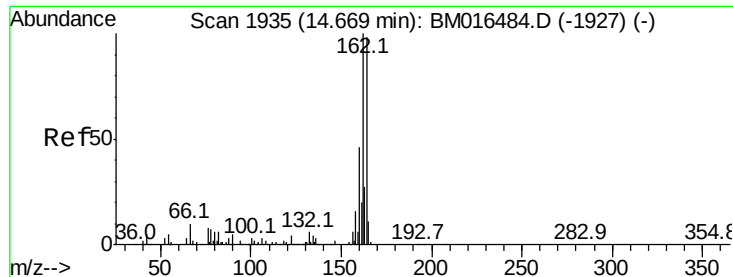
Ion Ratio Lower Upper

128 100

129 12.5 8.9 13.3

127 11.1 10.4 15.6

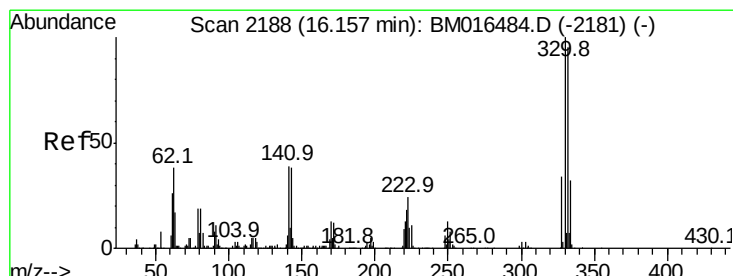
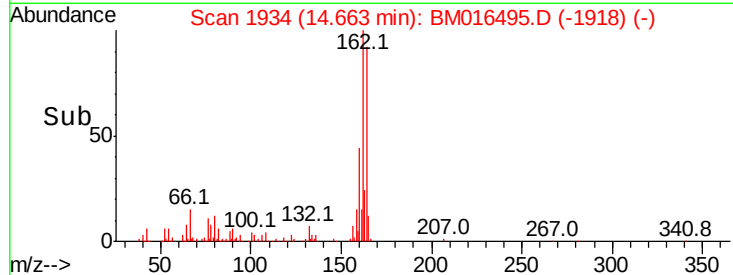
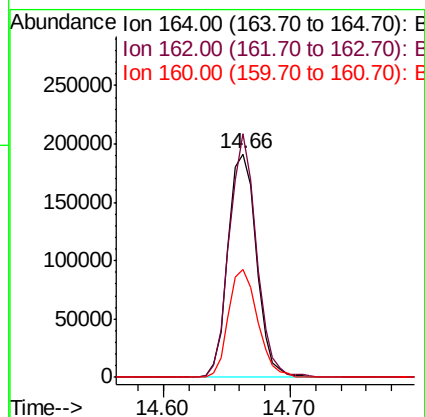
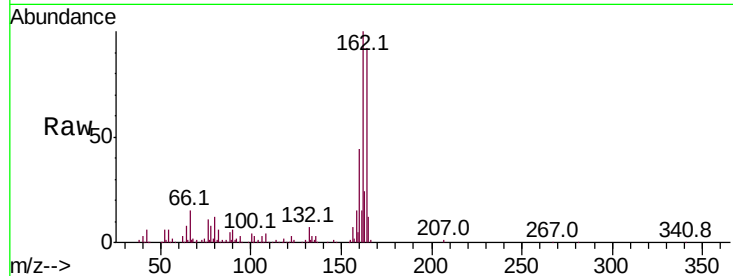




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

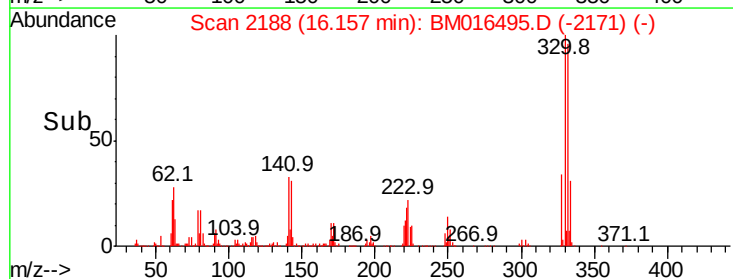
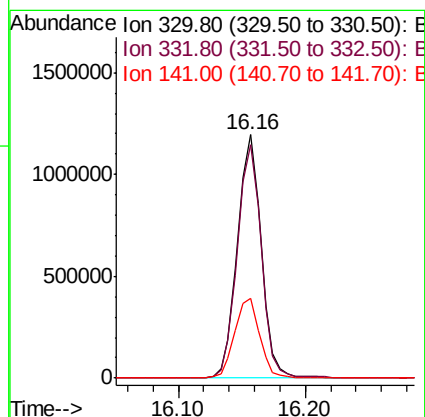
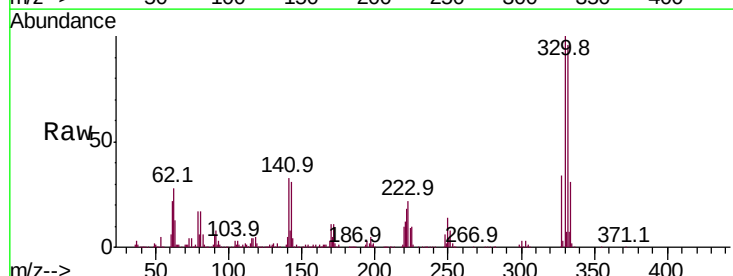
Instrument :
BNA_M
ClientSampleId :
OR-03-081718-A

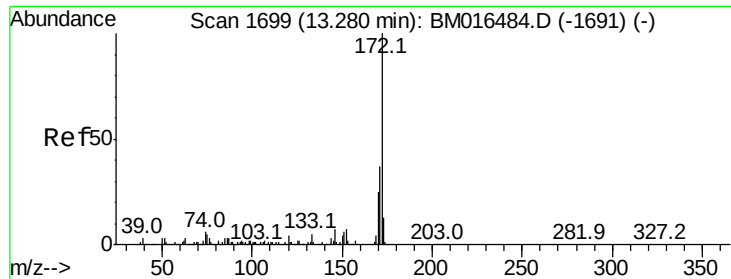
Tot Ion:164 Resp: 298272
Ion Ratio Lower Upper
164 100
162 108.8 82.4 123.6
160 48.4 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:330 Resp: 1550765
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 34.6 0.0 0.0#



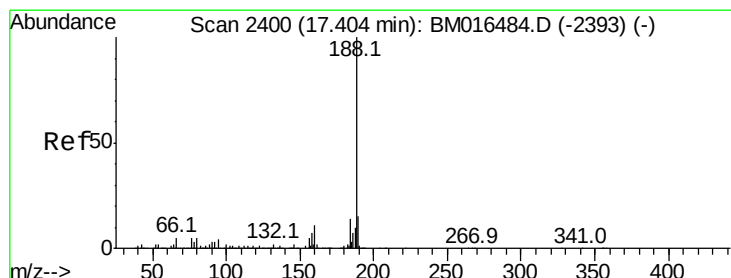
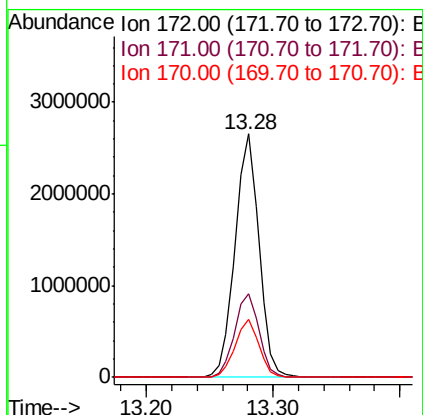
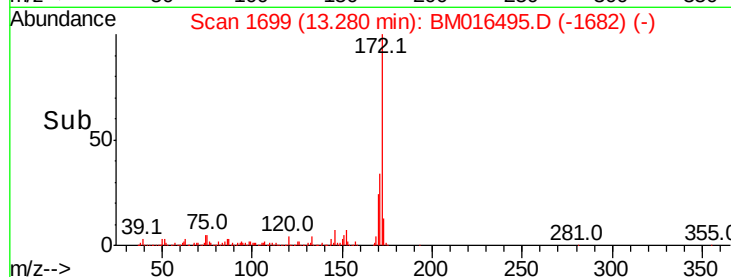
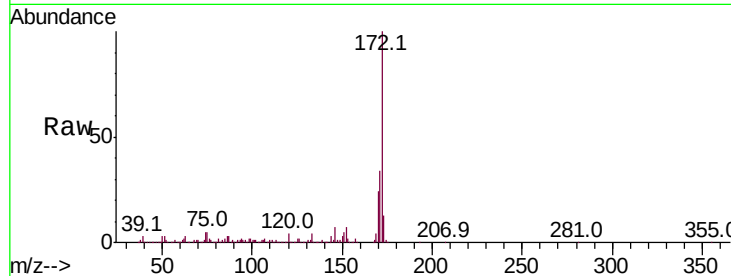


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Instrument :
BNA_M
ClientSampleId :
OR-03-081718-A

Tot Ion:172 Resp: 3452682

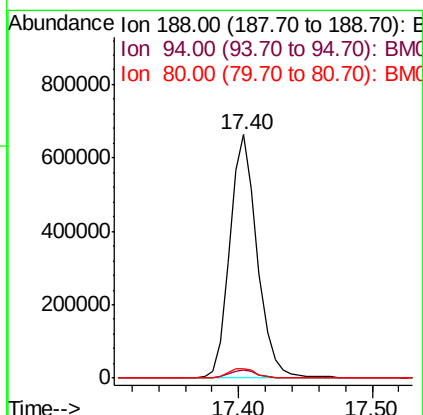
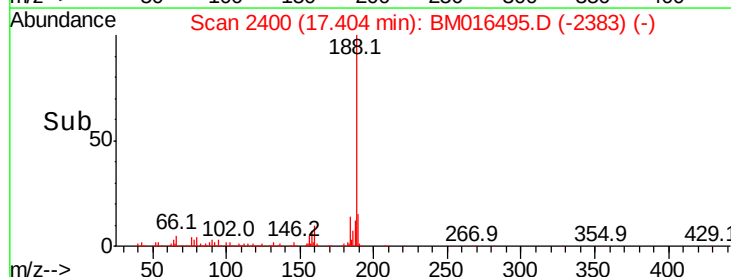
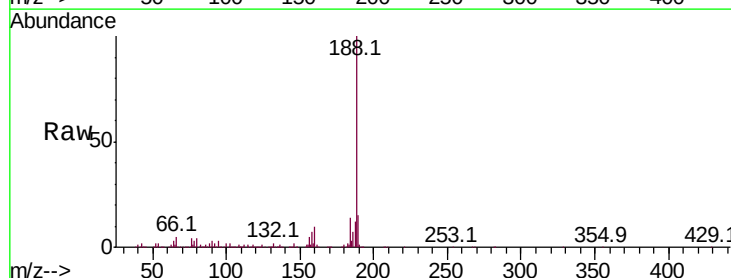
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	24.0	18.8	28.2

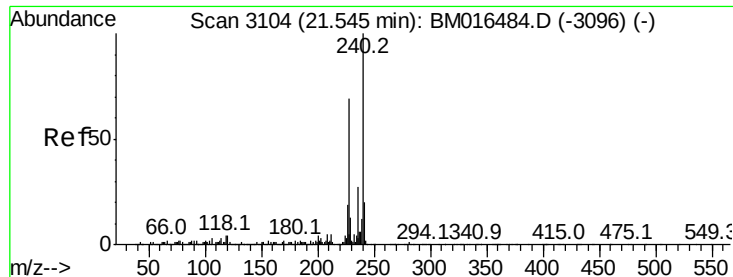


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:188 Resp: 952301

Ion	Ratio	Lower	Upper
188	100		
94	3.1	8.7	13.1#
80	4.0	9.3	13.9#

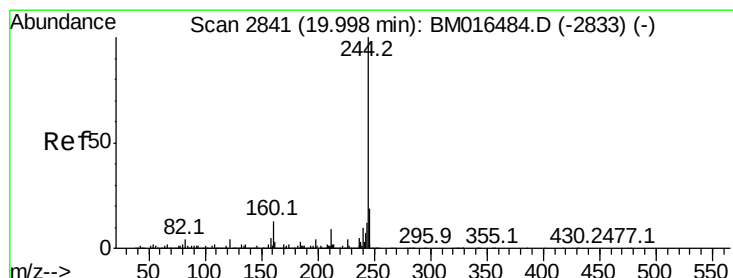
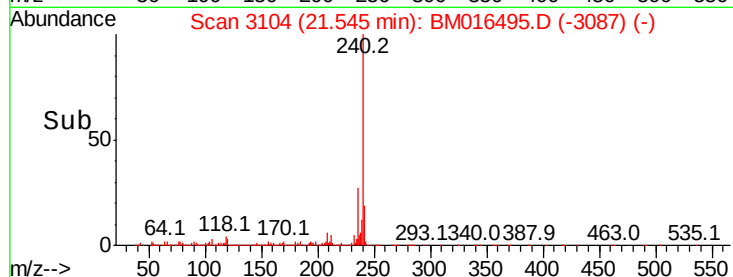
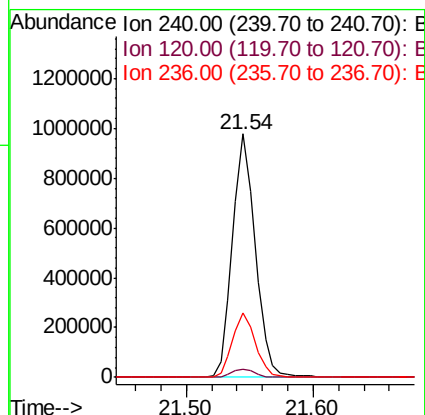
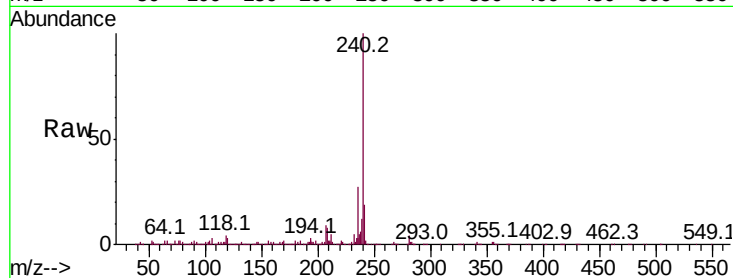




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

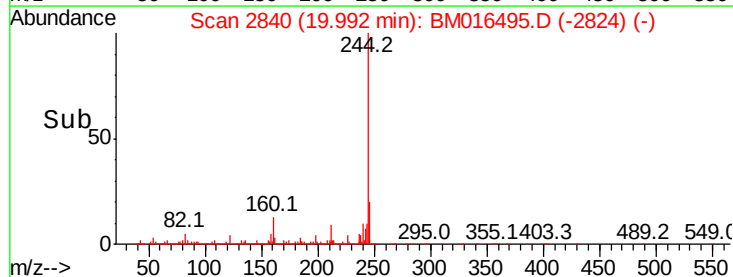
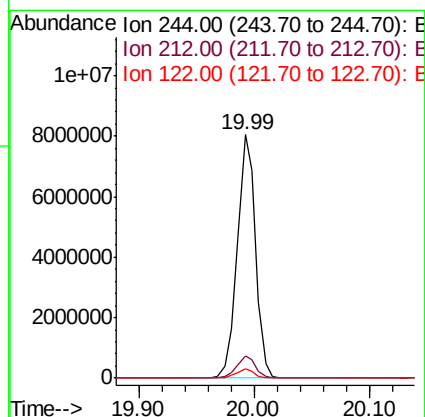
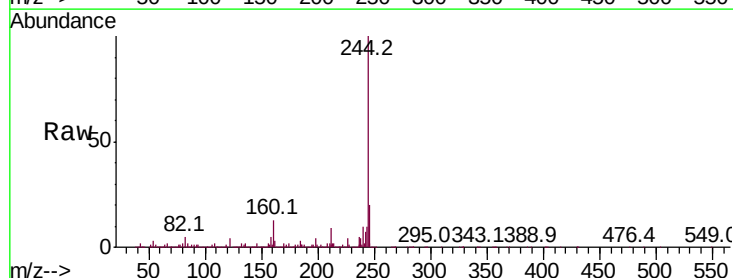
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081718-A

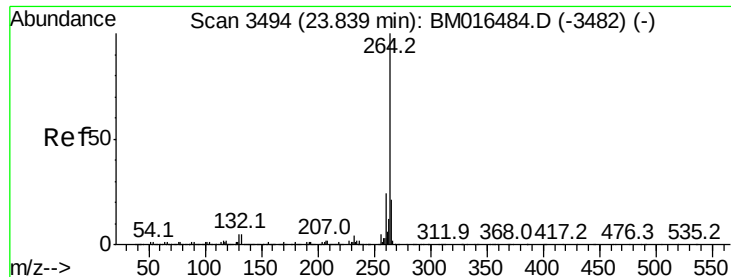
Tot Ion:240 Resp: 1220463
 Ion Ratio Lower Upper
 240 100
 120 3.3 8.2 12.2#
 236 26.5 20.0 30.0



#78
 Terphenyl-d14
 Concen: Below ng
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion:244 Resp: 8730872
 Ion Ratio Lower Upper
 244 100
 212 9.3 4.9 7.3#
 122 3.7 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: BM016495.D
Acq: 21 Aug 2018 22:06

Instrument :
BNA_M
ClientSampleId :
OR-03-081718-A

Tot Ion:264 Resp: 1421794

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.4	17.3	25.9

