

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016497.D
 Acq On : 21 Aug 2018 23:18
 Operator : SJ/JU
 Sample : J4282-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718

Quant Time: Aug 22 00:17:33 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

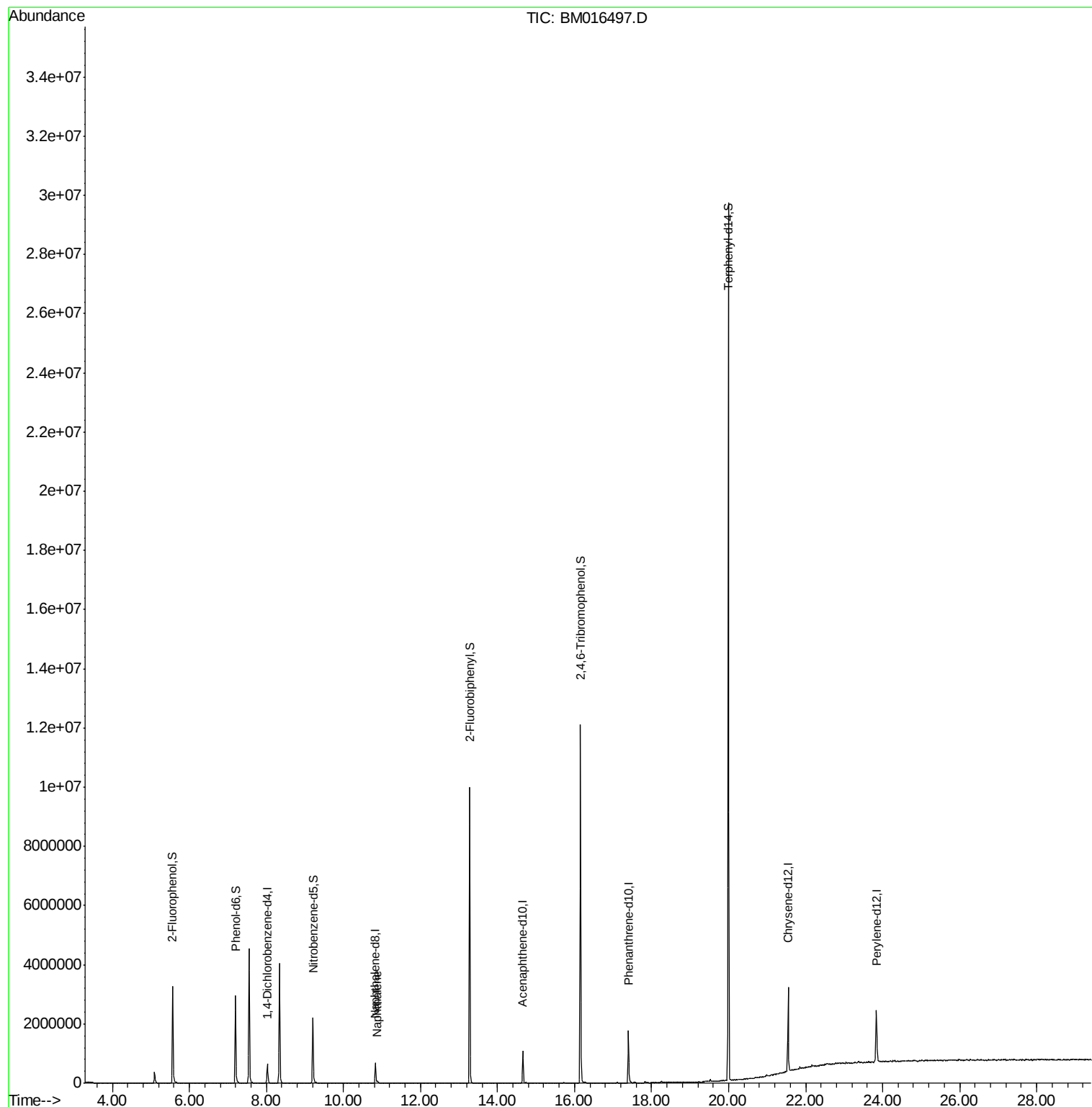
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	142975	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	447218	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	320770	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1038990	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1282224	20.00	ng	0.00
86) Perylene-d12	23.83	264	1416798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1086774	148.95	ng	0.01
7) Phenol-d6	7.20	99	1176414	121.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	1246609	127.27	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2104238	234.67	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4445551	133.22	ng	0.00
78) Terphenyl-d14	19.99	244	10329960	170.52	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	54734	2.569	ng	Qvalue # 90

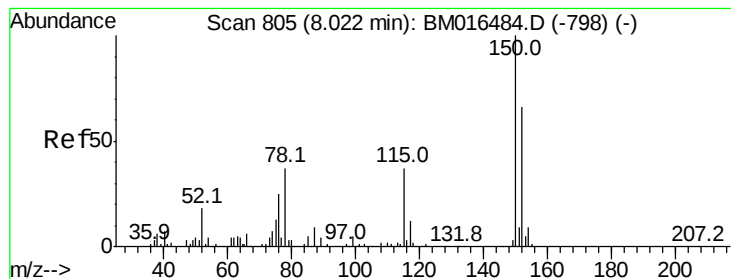
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM016497.D

Acq: 21 Aug 2018 23:18

Instrument :

BNA_M

ClientSampleId :

SU-04-081718

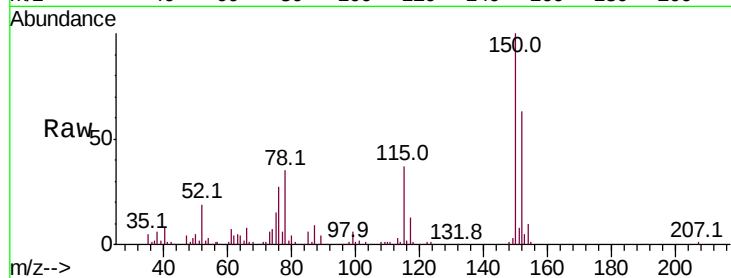
Tot Ion:152 Resp: 142975

Ion Ratio Lower Upper

152 100

150 159.5 119.5 179.3

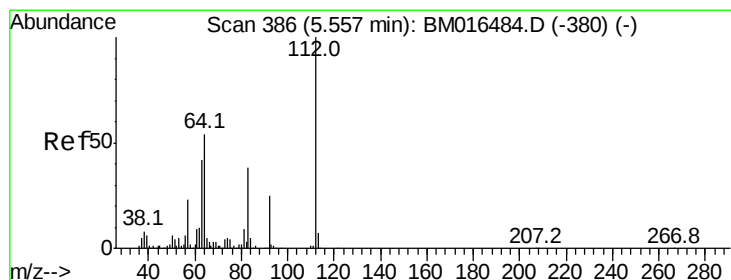
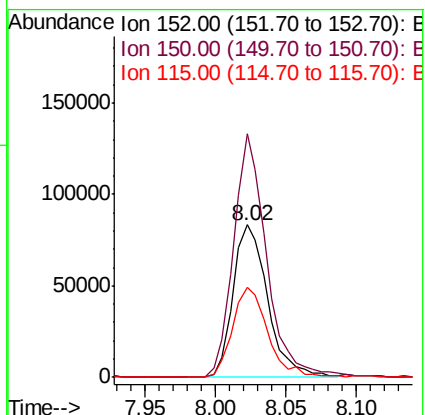
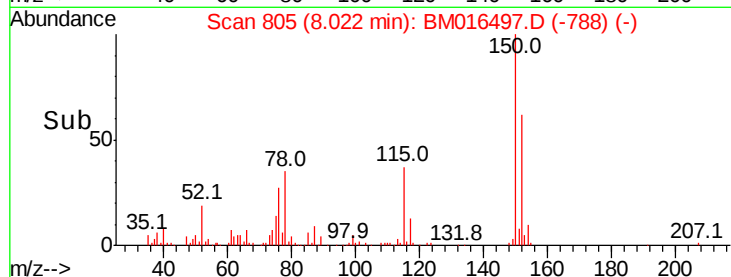
115 59.2 43.0 64.4



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: 5.57 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM016497.D

Acq: 21 Aug 2018 23:18

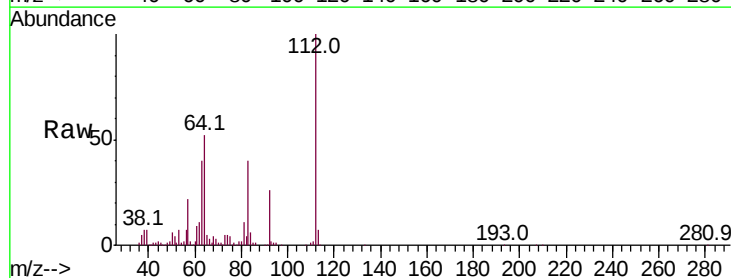
Tgt Ion:112 Resp: 1086774

Ion Ratio Lower Upper

112 100

64 51.9 38.6 57.8

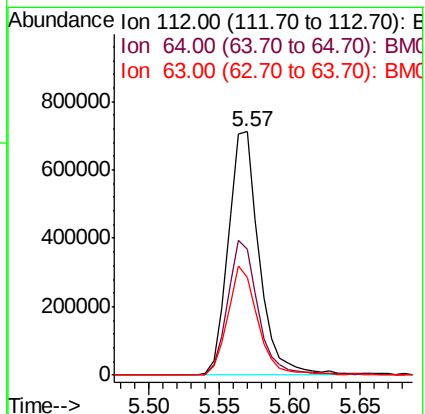
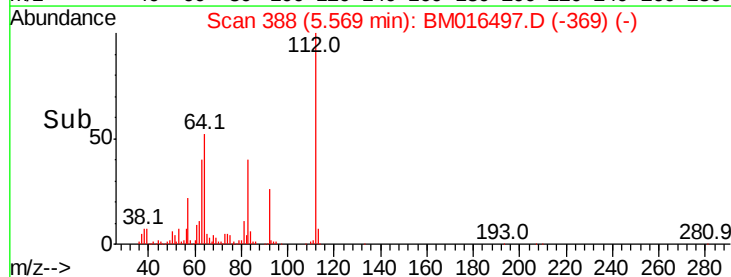
63 40.4 19.3 28.9#

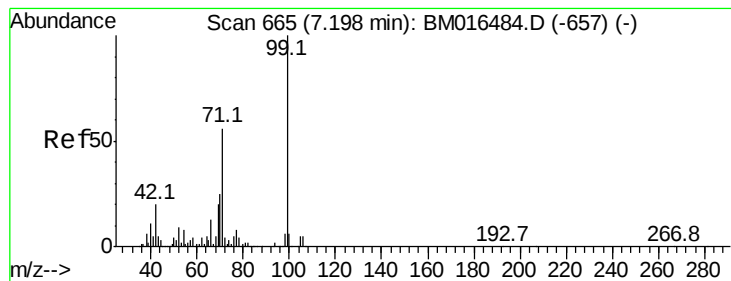


Abundance Ion 112.00 (111.70 to 112.70): E

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: BM016497.D

Acq: 21 Aug 2018 23:18

Instrument :

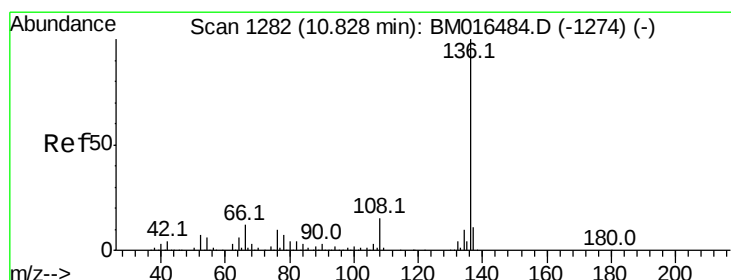
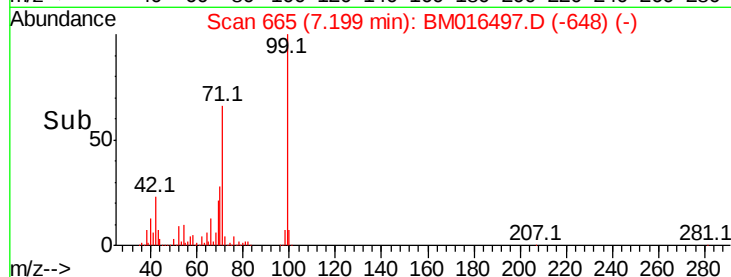
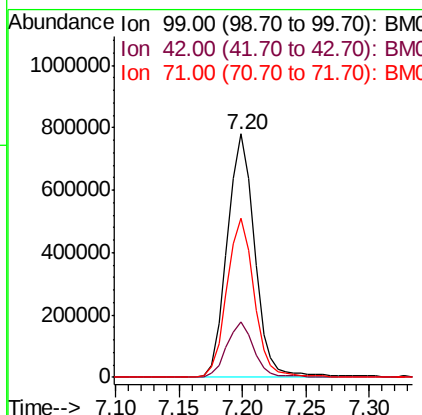
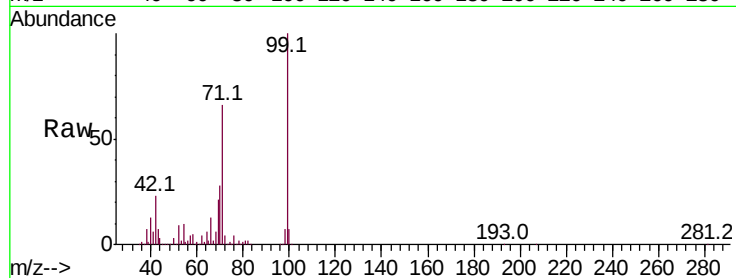
BNA_M

ClientSampleId :

SU-04-081718

Tot Ion: 99 Resp: 1176414

Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	65.5	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

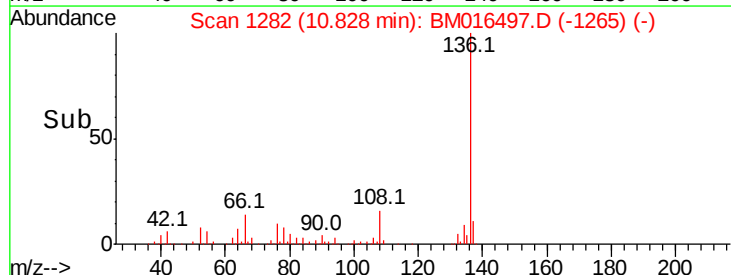
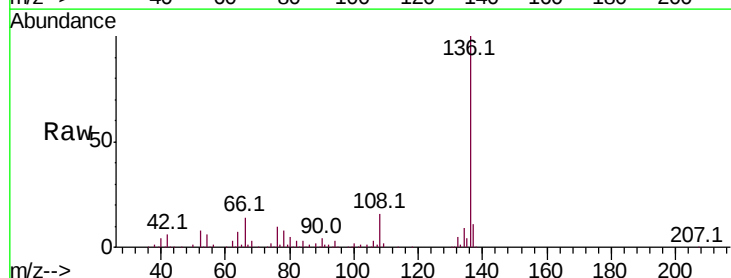
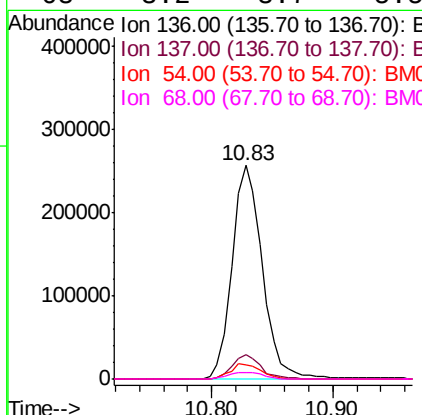
Delta R.T. 0.00 min

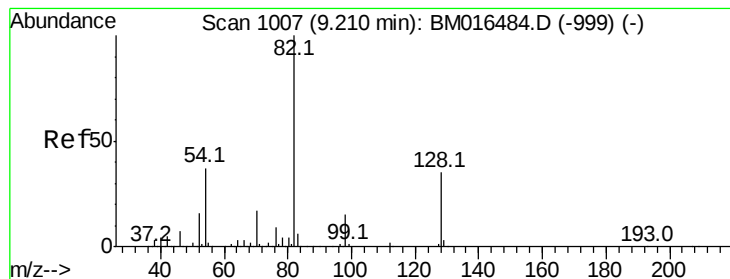
Lab File: BM016497.D

Acq: 21 Aug 2018 23:18

Tgt Ion: 136 Resp: 447218

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.3	4.6	6.8
68	3.2	3.7	5.5#





#23

Nitrobenzene-d5

Concen: N.D. na

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016497.D

Acq: 21 Aug 2018 23:18

Instrument :

BNA_M

ClientSampleId :

SU-04-081718

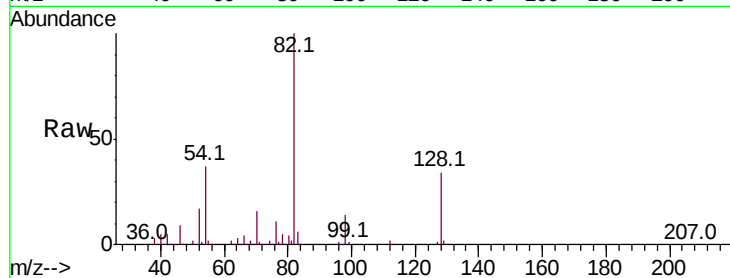
Tot Ion: 82 Resp: 1246609

Ion Ratio Lower Upper

82 100

128 33.7 32.8 49.2

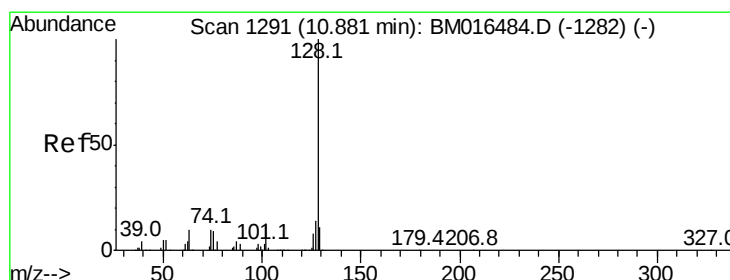
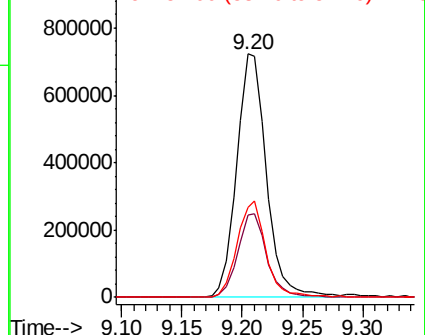
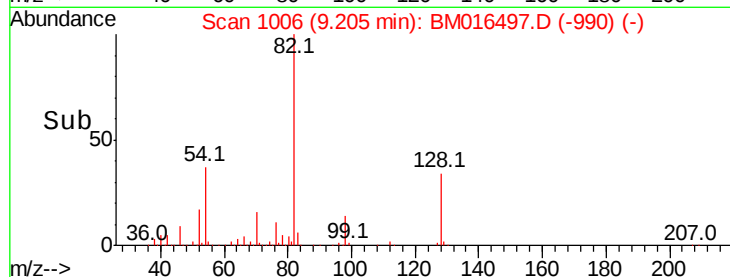
54 36.9 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016497.D (-990) (-)

Ion 128.00 (127.70 to 128.70): BM016497.D (-990) (-)

Ion 54.00 (53.70 to 54.70): BM016497.D (-990) (-)



#31

Naphthalene

Concen: 2.569 ng

RT: 10.88 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BM016497.D

Acq: 21 Aug 2018 23:18

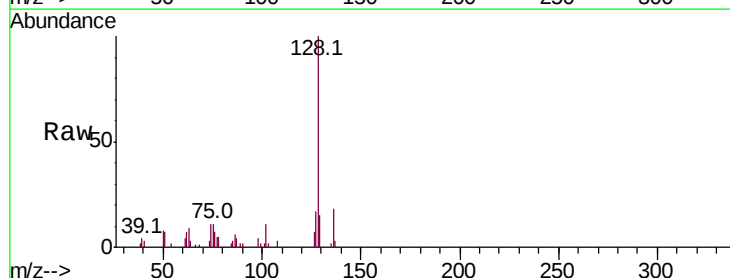
Tgt Ion:128 Resp: 54734

Ion Ratio Lower Upper

128 100

129 14.7 8.9 13.3#

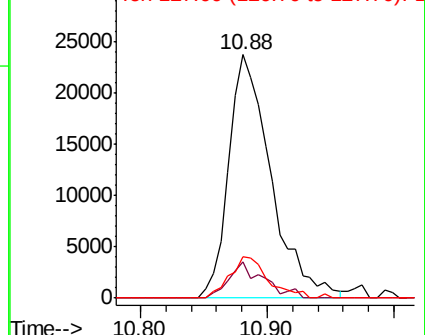
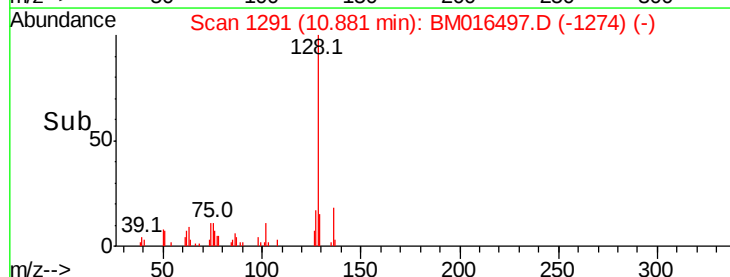
127 16.8 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): BM016497.D (-1274) (-)

Ion 129.00 (128.70 to 129.70): BM016497.D (-1274) (-)

Ion 127.00 (126.70 to 127.70): BM016497.D (-1274) (-)

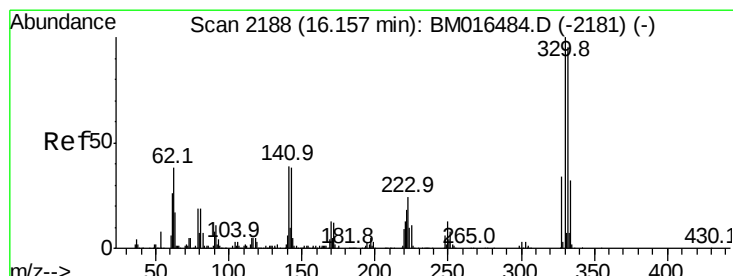
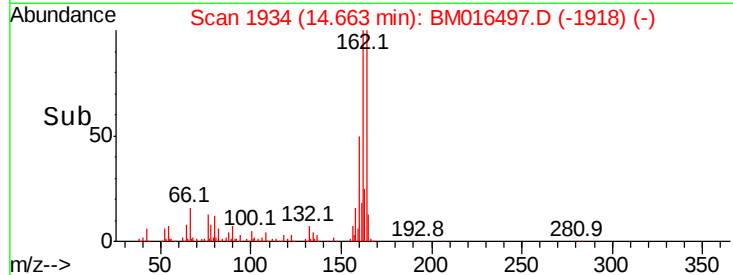
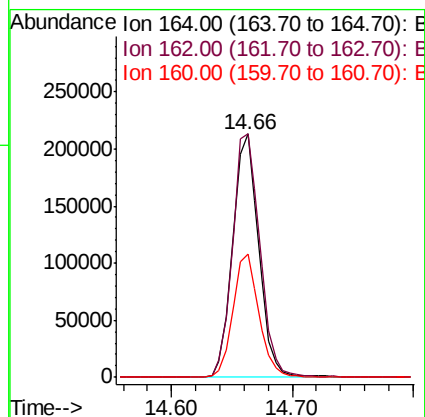
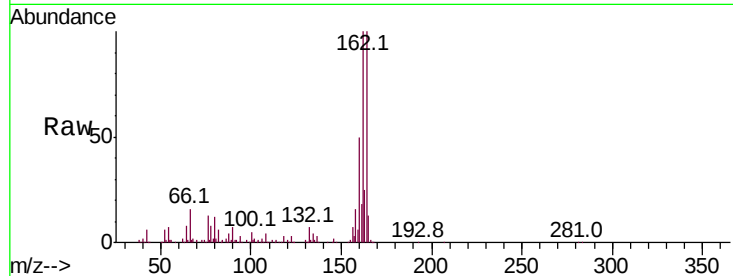




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM016497.D
 Acq: 21 Aug 2018 23:18

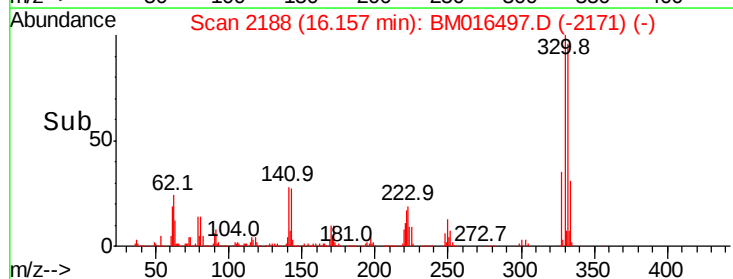
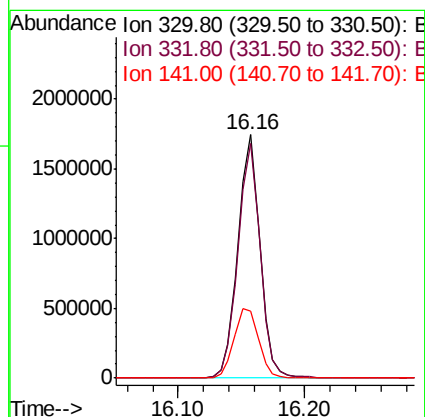
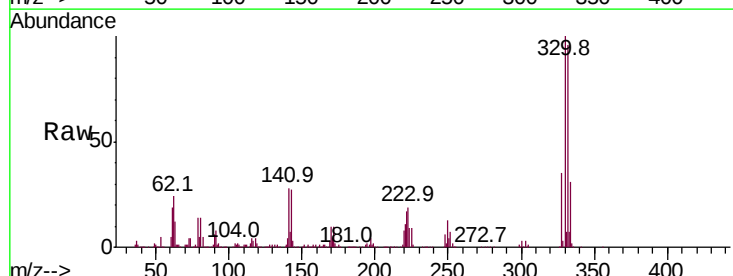
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718

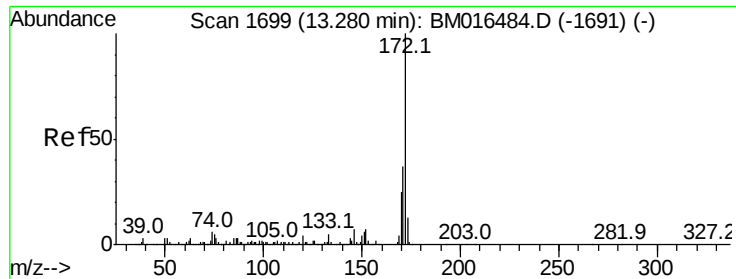
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	50.5	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016497.D
 Acq: 21 Aug 2018 23:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	32.2	0.0	0.0#



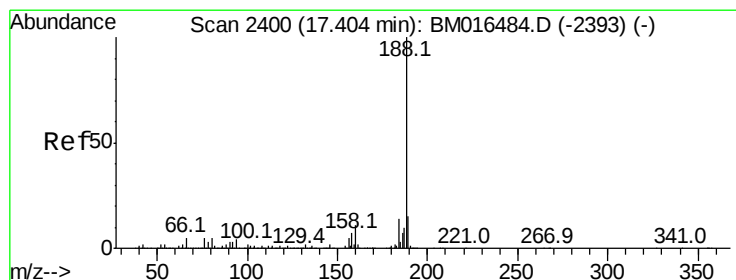
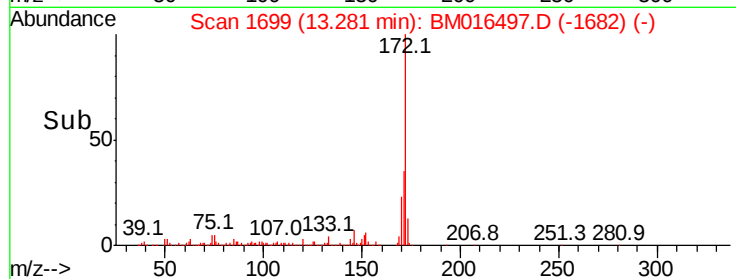
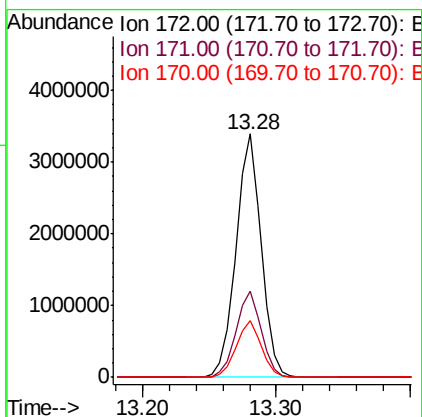
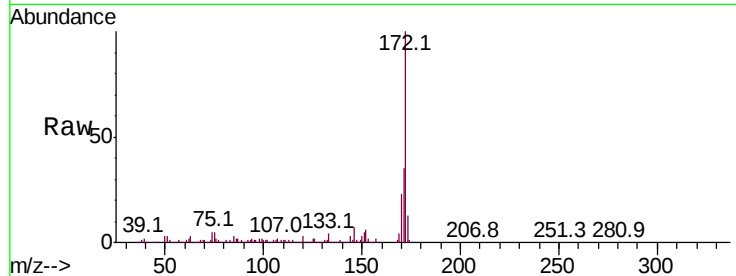


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016497.D
 Acq: 21 Aug 2018 23:18

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718

Tot Ion:172 Resp: 4445551

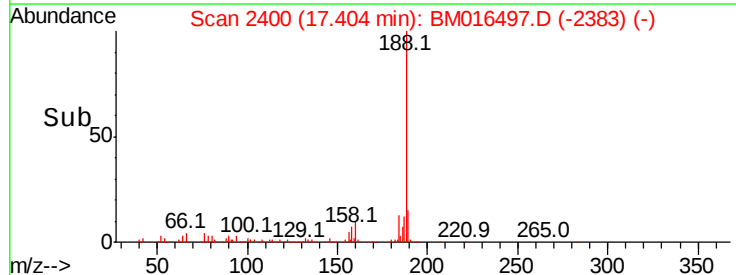
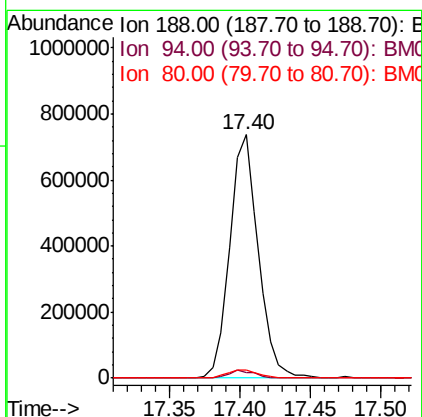
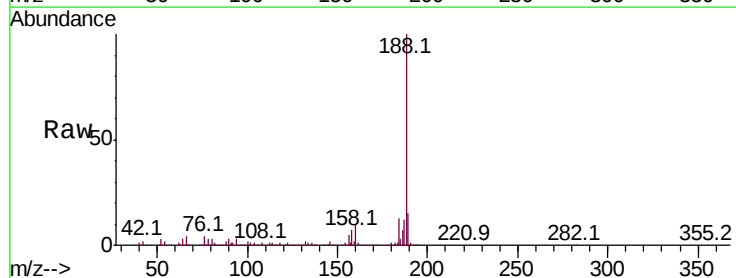
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.2	18.8	28.2

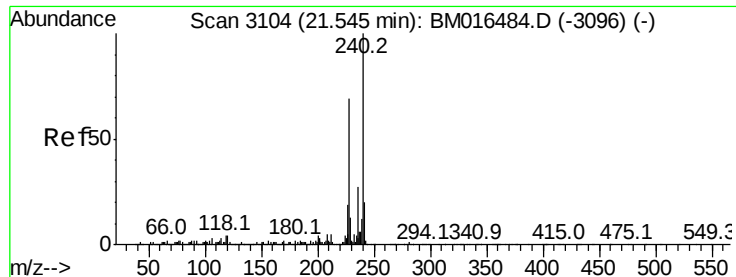


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM016497.D
 Acq: 21 Aug 2018 23:18

Tgt Ion:188 Resp: 1038990

Ion	Ratio	Lower	Upper
188	100		
94	2.5	8.7	13.1#
80	3.4	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: BM016497.D

Acq: 21 Aug 2018 23:18

Instrument :

BNA_M

ClientSampleId :

SU-04-081718

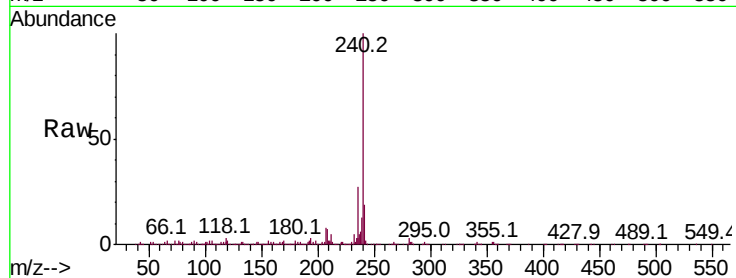
Tot Ion:240 Resp: 1282224

Ion Ratio Lower Upper

240 100

120 2.3 8.2 12.2#

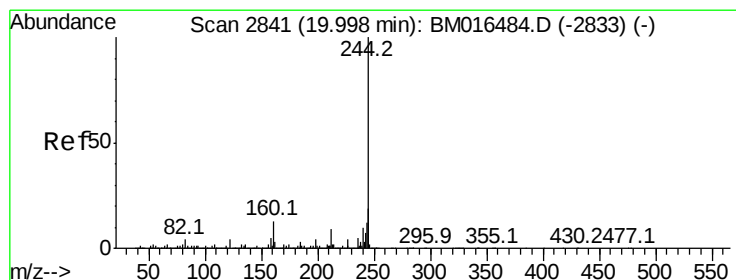
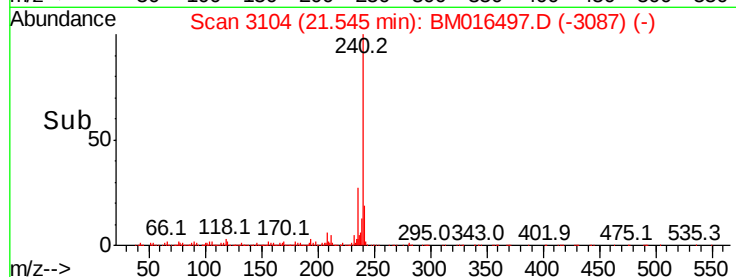
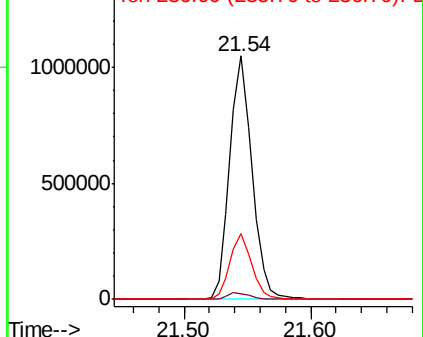
236 26.7 20.0 30.0



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: BM016497.D

Acq: 21 Aug 2018 23:18

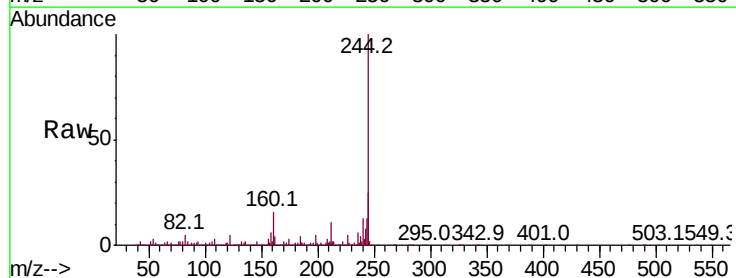
Tgt Ion:244 Resp:10329960

Ion Ratio Lower Upper

244 100

212 11.3 4.9 7.3#

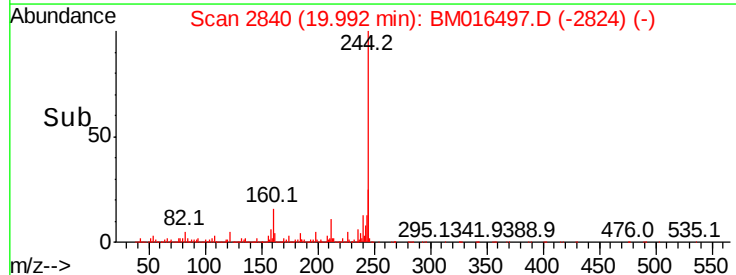
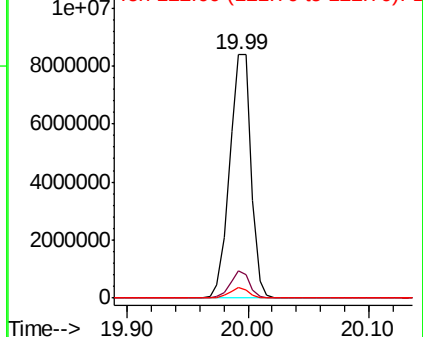
122 4.6 6.2 9.4#

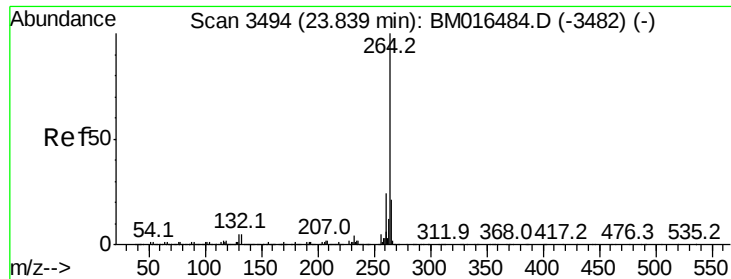


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM016497.D
Acq: 21 Aug 2018 23:18

Instrument :
BNA_M
ClientSampleId :
SU-04-081718

Tot Ion:264 Resp: 1416798

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	17.3	25.9

