

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016517.D
 Acq On : 22 Aug 2018 12:49
 Operator : SJ/JU
 Sample : J4282-10RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718RE

Quant Time: Aug 22 13:42:04 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

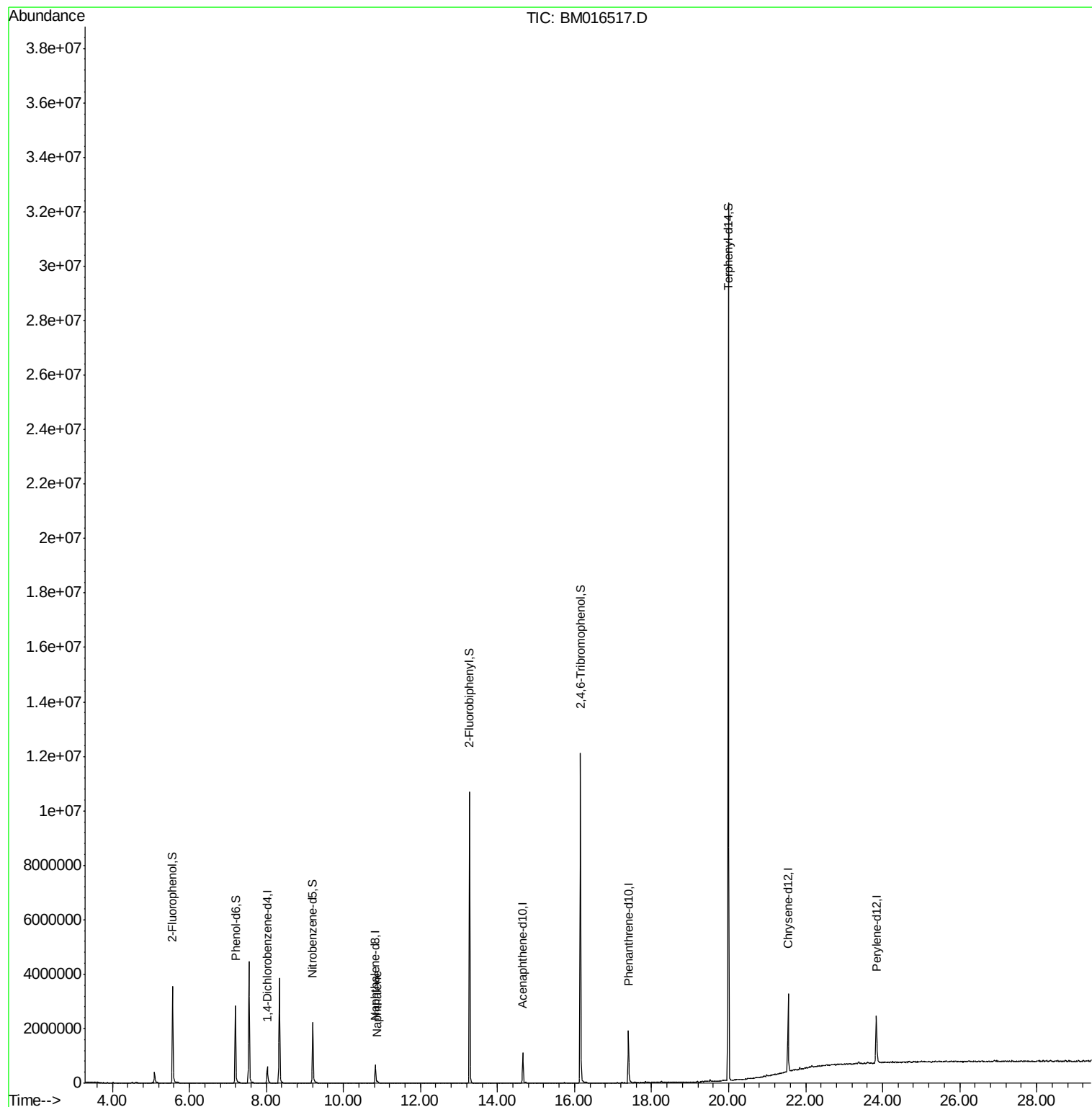
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	152222	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	443512	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	343660	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1122107	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1351104	20.00	ng	0.00
86) Perylene-d12	23.83	264	1401406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1150687	148.13	ng	0.00
7) Phenol-d6	7.20	99	1219207	118.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	1253865	129.08	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2247942	234.00	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	4806632	134.44	ng	0.00
78) Terphenyl-d14	19.99	244	10922722	171.11	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	51050	2.416	ng	Qvalue # 95

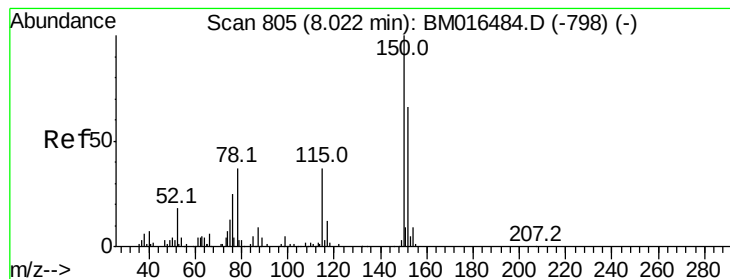
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016517.D
Acq On : 22 Aug 2018 12:49
Operator : SJ/JU
Sample : J4282-10RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-04-081718RE

Quant Time: Aug 22 13:42:04 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



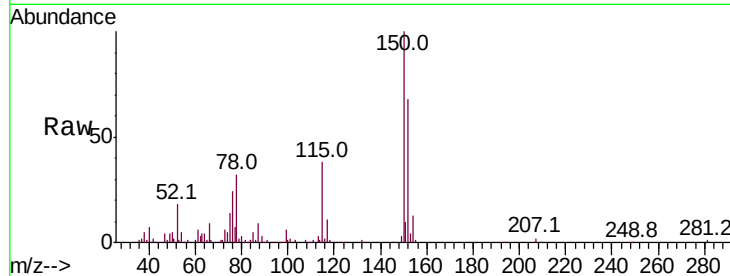


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

Instrument :
BNA_M
ClientSampleId :
SU-04-081718RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	55.1	43.0	64.4

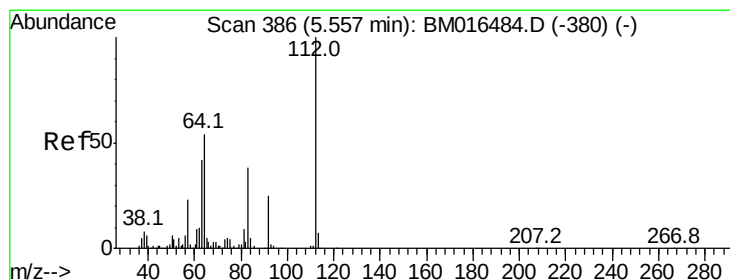
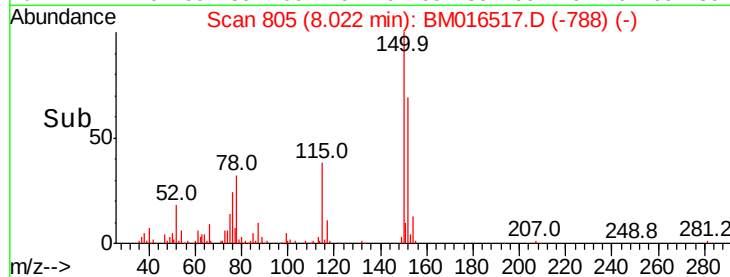
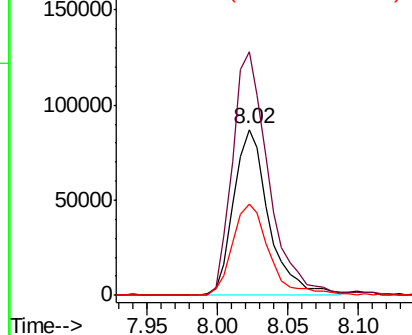


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

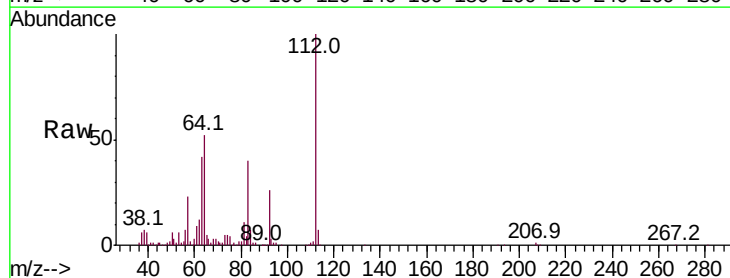
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	38.6	57.8
63	42.0	19.3	28.9

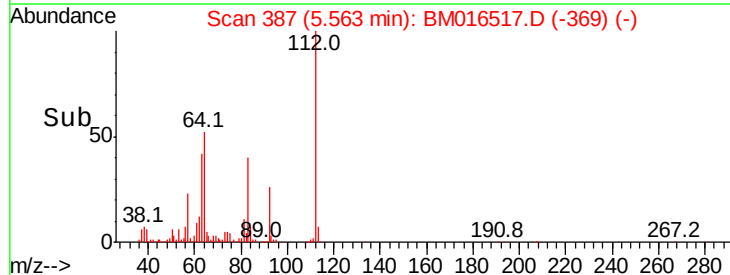
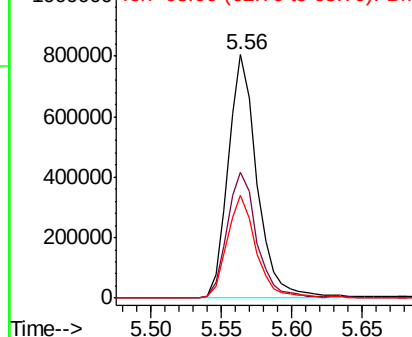


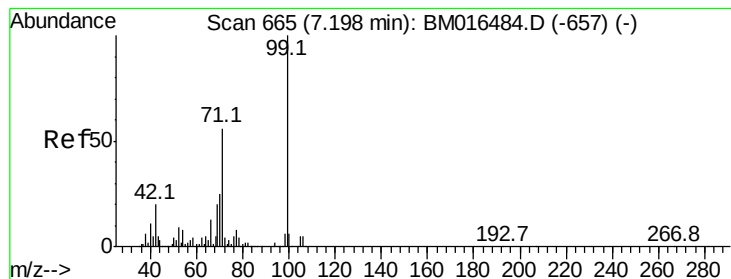
Abundance

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: BM016517.D

Acq: 22 Aug 2018 12:49

Instrument :

BNA_M

ClientSampleId :

SU-04-081718RE

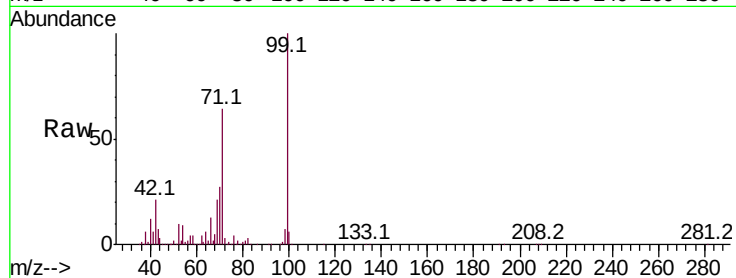
Tot Ion: 99 Resp: 1219207

Ion Ratio Lower Upper

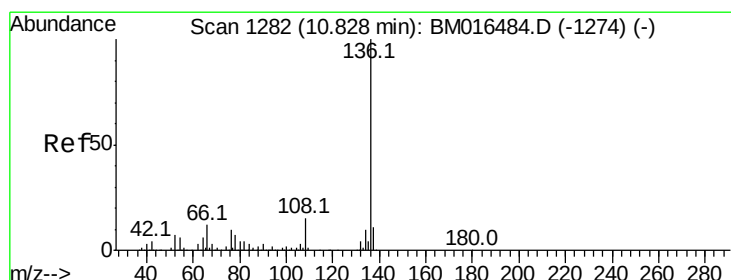
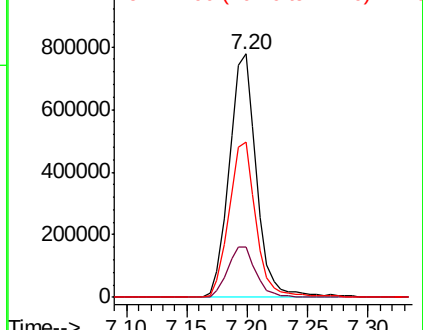
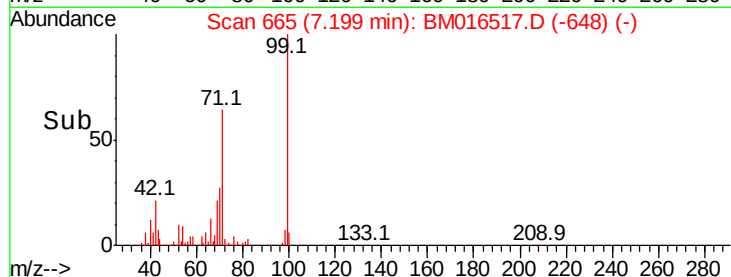
99 100

42 20.6 11.0 16.4#

71 63.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016517.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016517.D

Acq: 22 Aug 2018 12:49

Tgt Ion: 136 Resp: 443512

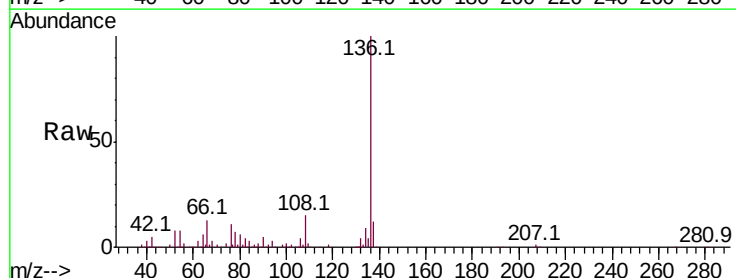
Ion Ratio Lower Upper

136 100

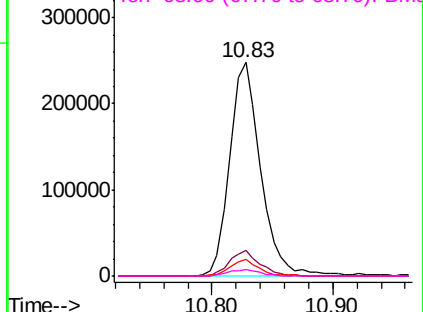
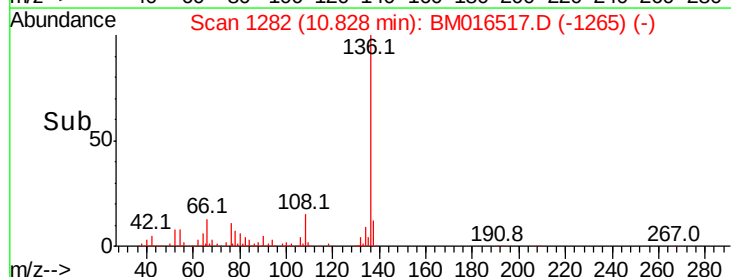
137 12.0 8.7 13.1

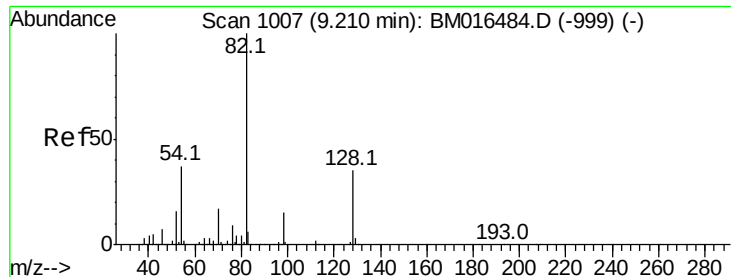
54 7.9 4.6 6.8#

68 3.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM016517.D (-1265) (-)

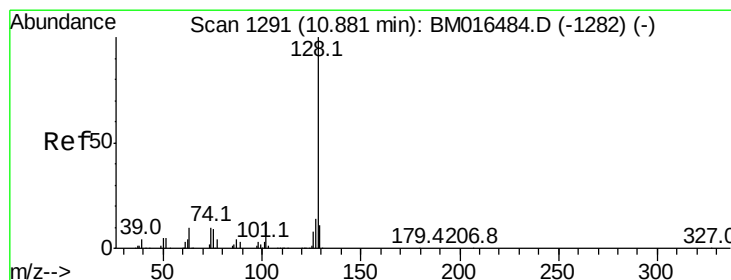
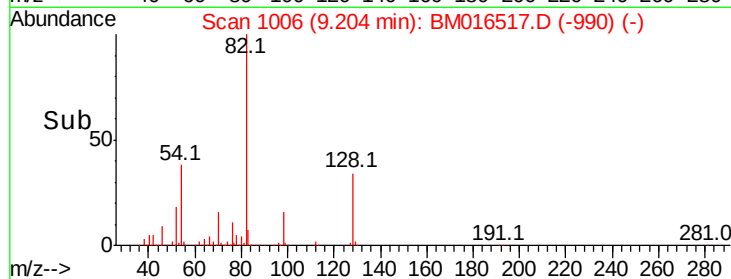
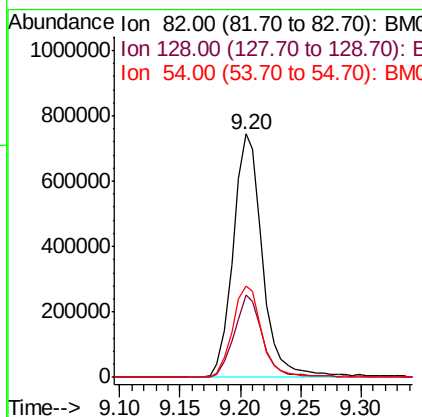
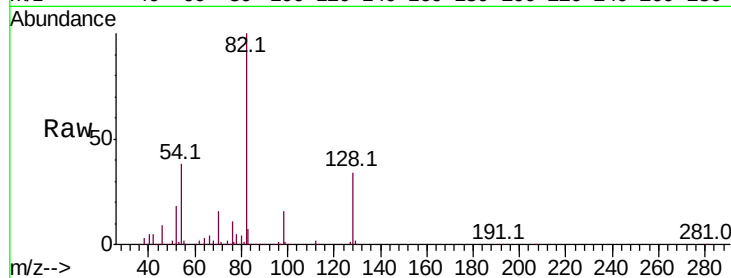




#23
Nitrobenzene-d5
Concen: N.D. na
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

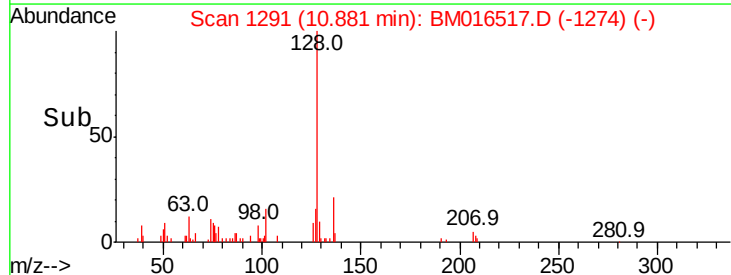
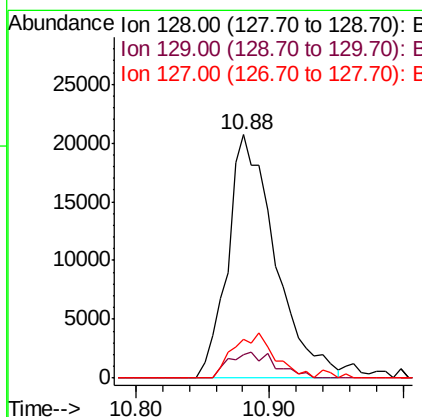
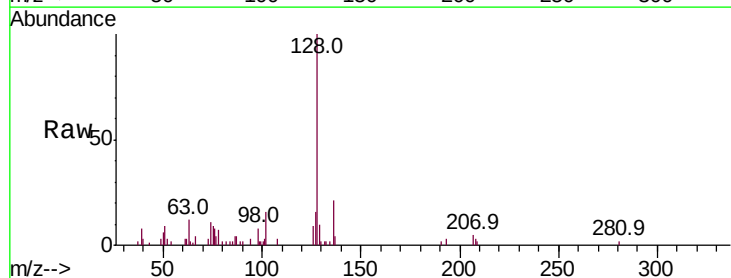
Instrument :
BNA_M
ClientSampleId :
SU-04-081718RE

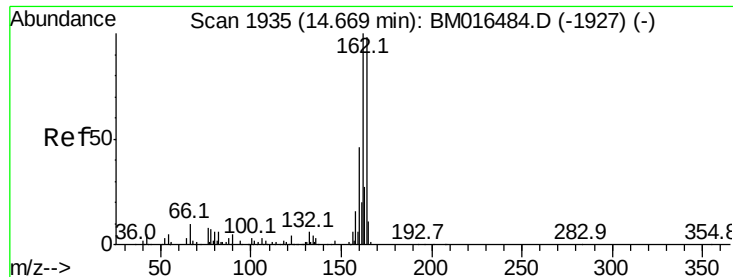
Tot Ion: 82 Resp: 1253865
Ion Ratio Lower Upper
82 100
128 33.7 32.8 49.2
54 37.7 40.6 60.8#



#31
Naphthalene
Concen: 2.416 ng
RT: 10.88 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

Tgt Ion: 128 Resp: 51050
Ion Ratio Lower Upper
128 100
129 9.7 8.9 13.3
127 15.7 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: BM016517.D

Acq: 22 Aug 2018 12:49

Instrument :

BNA_M

ClientSampleId :

SU-04-081718RE

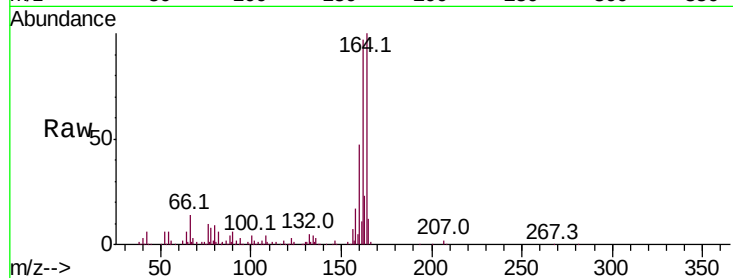
Tot Ion:164 Resp: 343660

Ion	Ratio	Lower	Upper
164	100		
162	96.8	82.4	123.6
160	47.1	35.8	53.6

164 100

162 96.8 82.4 123.6

160 47.1 35.8 53.6

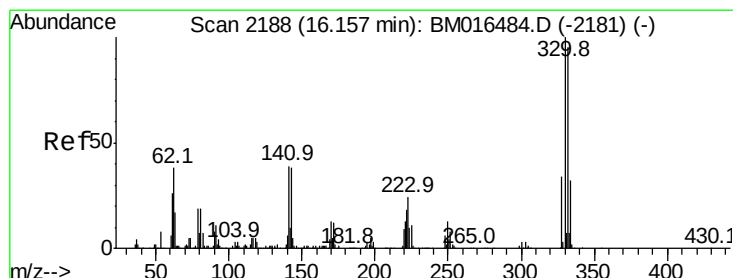
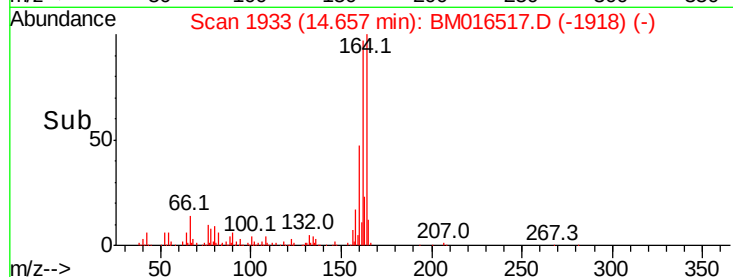
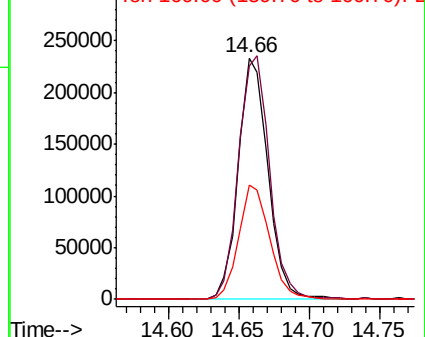


Abundance

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: BM016517.D

Acq: 22 Aug 2018 12:49

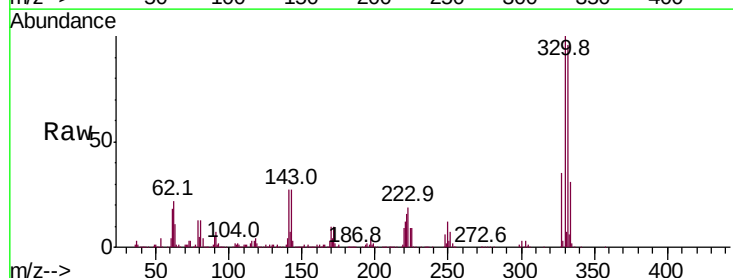
Tgt Ion:330 Resp: 2247942

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	31.1	0.0	0.0#

330 100

332 96.6 0.0 0.0#

141 31.1 0.0 0.0#

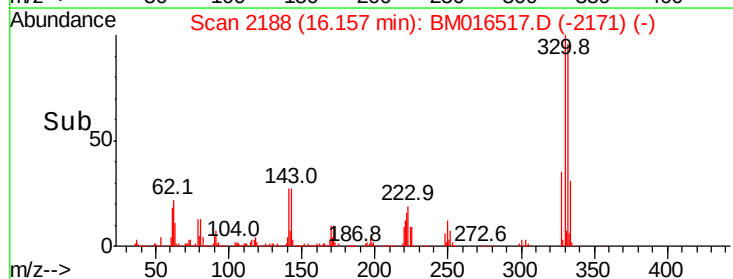
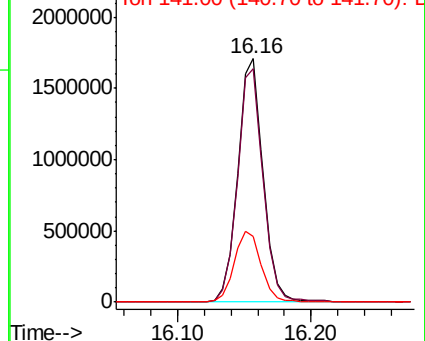


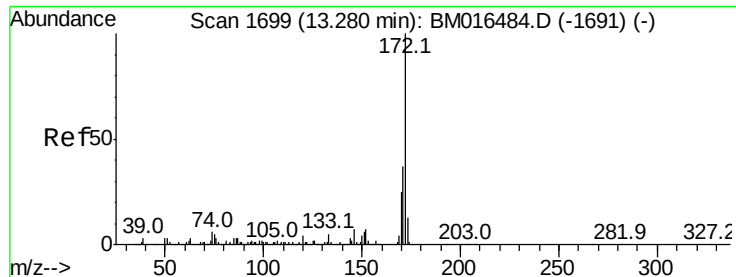
Abundance

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

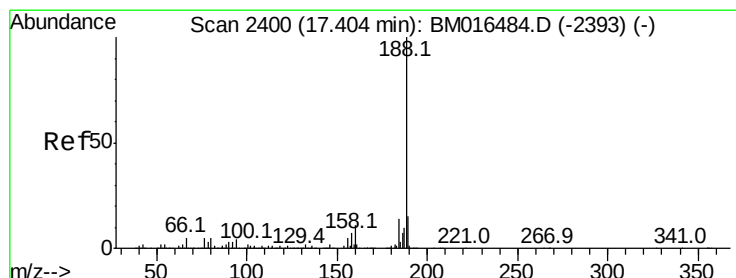
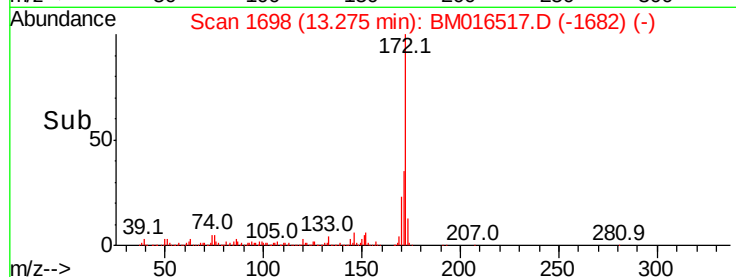
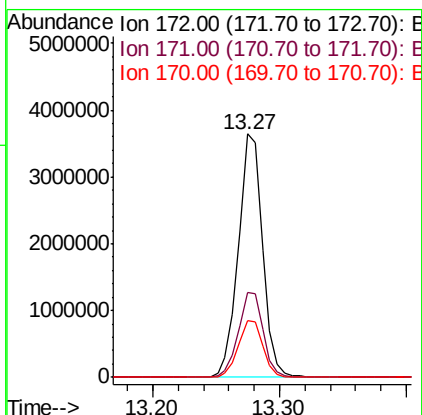
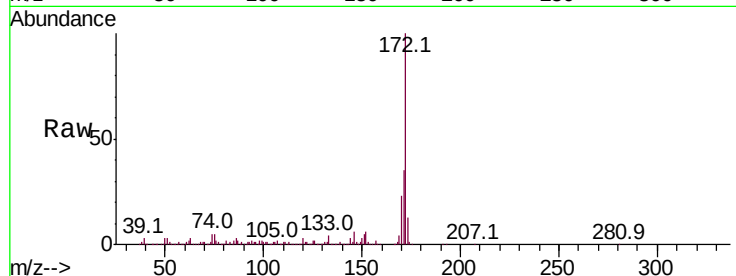




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

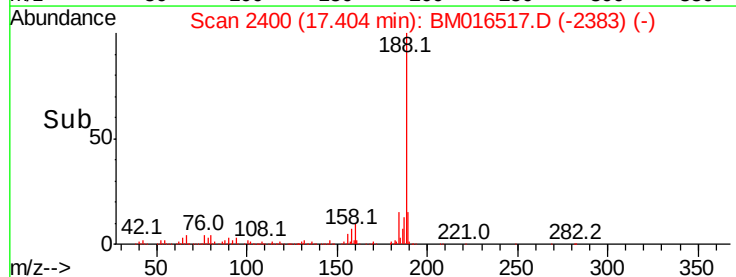
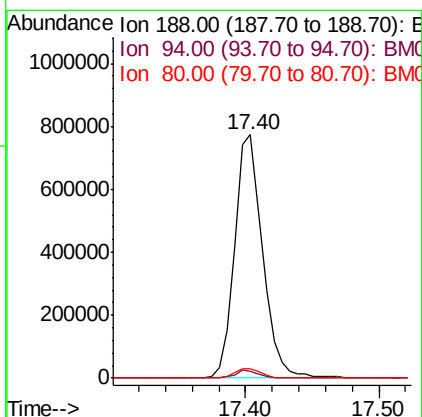
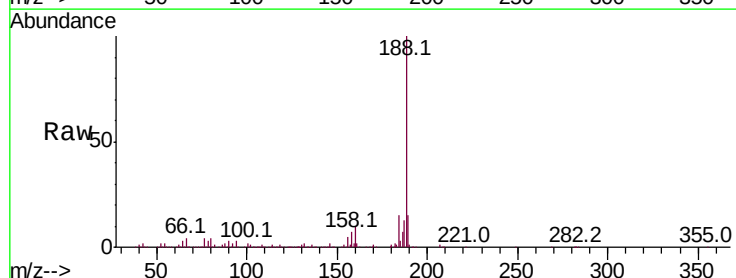
Instrument :
BNA_M
ClientSampleId :
SU-04-081718RE

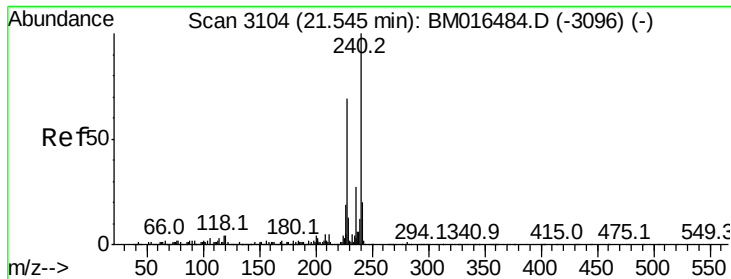
Tot Ion:172 Resp: 4806632
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016517.D
Acq: 22 Aug 2018 12:49

Tgt Ion:188 Resp: 1122107
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.9 9.3 13.9#

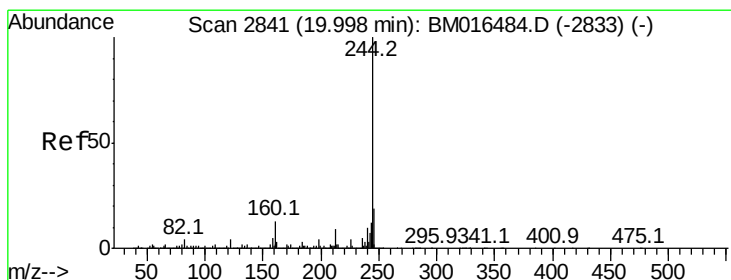
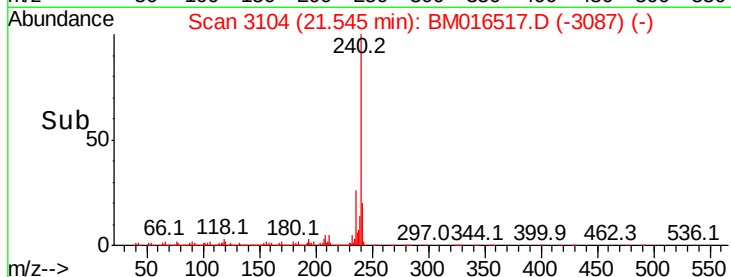
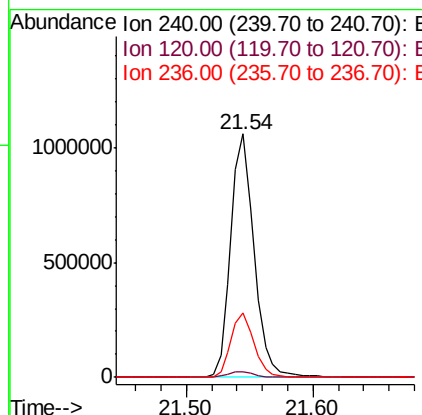
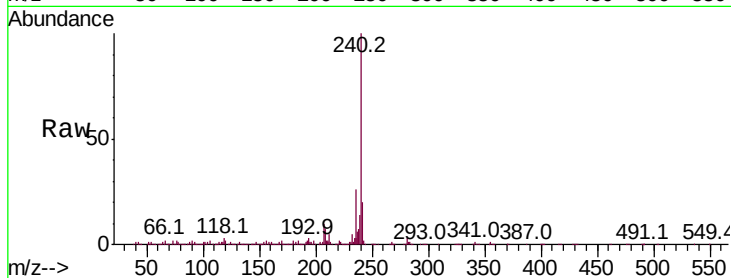




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM016517.D
 Acq: 22 Aug 2018 12:49

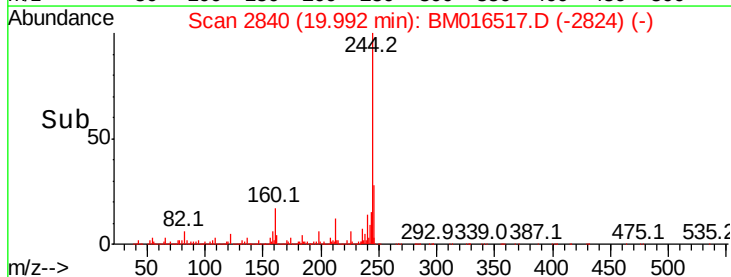
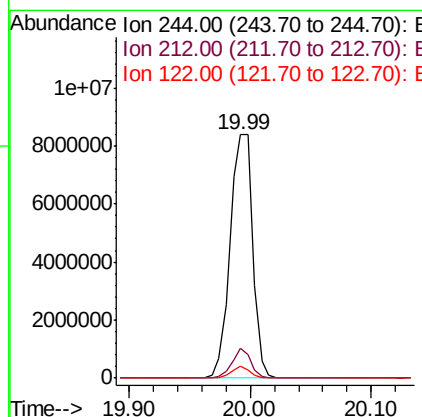
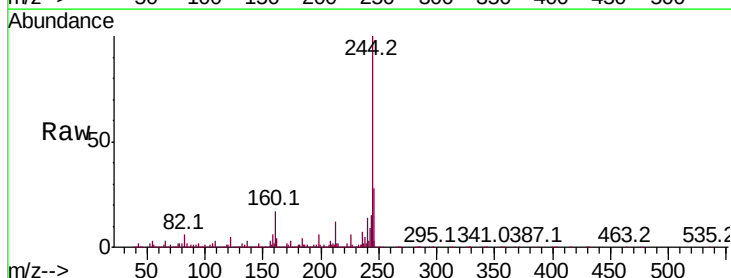
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718RE

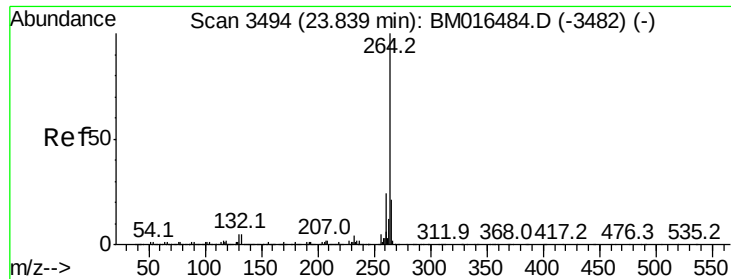
Tot Ion:240 Resp: 1351104
 Ion Ratio Lower Upper
 240 100
 120 2.5 8.2 12.2#
 236 26.5 20.0 30.0



#78
 Terphenyl-d14
 Concen: Below ng
 RT: 19.99 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM016517.D
 Acq: 22 Aug 2018 12:49

Tgt Ion:244 Resp:10922722
 Ion Ratio Lower Upper
 244 100
 212 12.3 4.9 7.3#
 122 4.8 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: BM016517.D
 Acq: 22 Aug 2018 12:49

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-081718RE

Tot Ion:264 Resp: 1401406

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	23.1	17.3	25.9

