

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016551.D
 Acq On : 23 Aug 2018 12:04
 Operator : SJ/JU
 Sample : J4566-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NUTLEY-DRUM

Quant Time: Aug 23 13:13:19 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

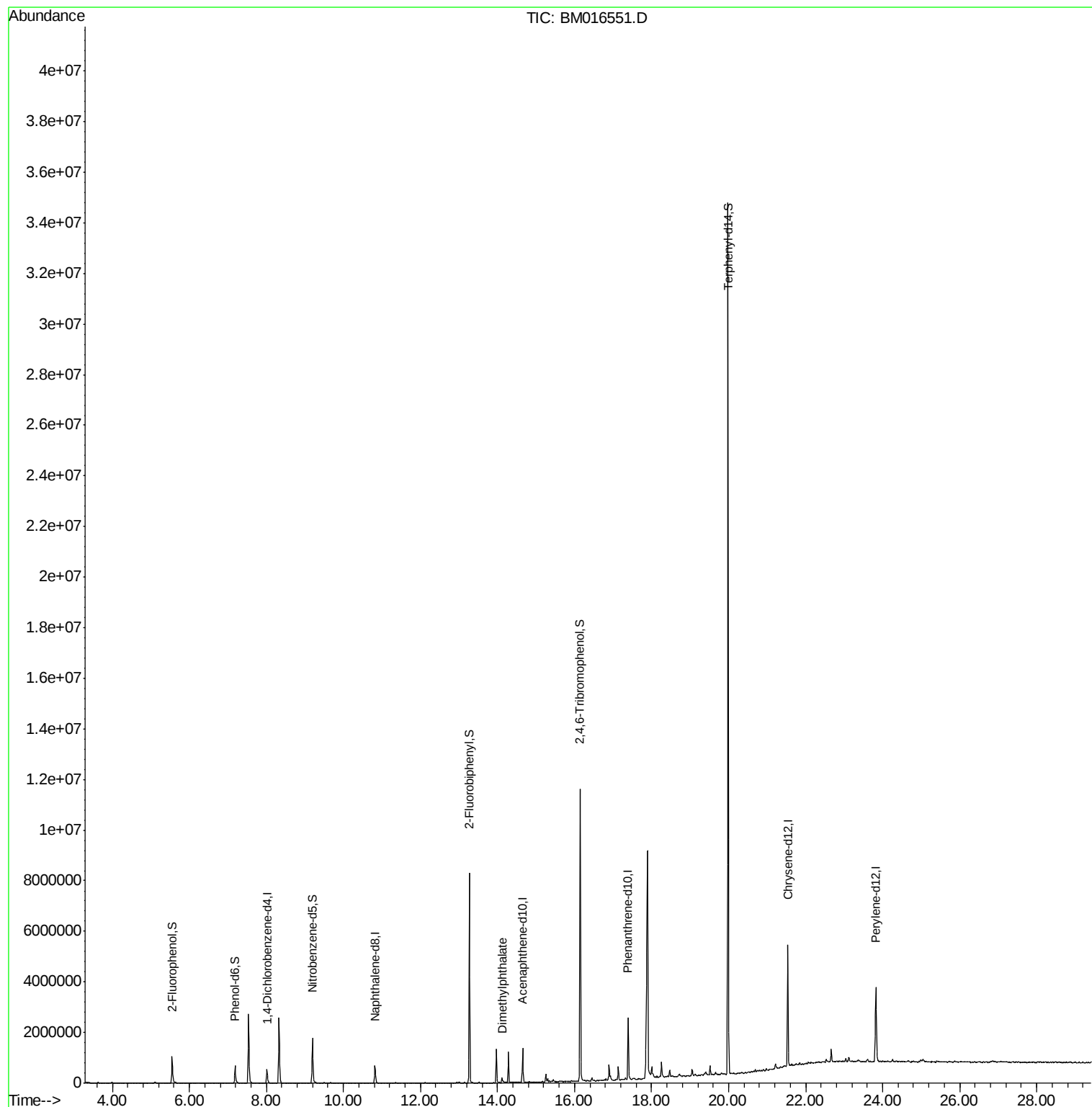
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	129077	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	446211	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	381756	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	1481465	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	2151476	20.00	ng	0.00
86) Perylene-d12	23.82	264	2344065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	365407	55.47	ng	0.00
7) Phenol-d6	7.19	99	282864	32.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	983081	100.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	2038972	191.06	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3672857	92.48	ng	-0.01
78) Terphenyl-d14	19.99	244	11215882	110.34	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.12	163	122349	3.336	ng	Qvalue # 98

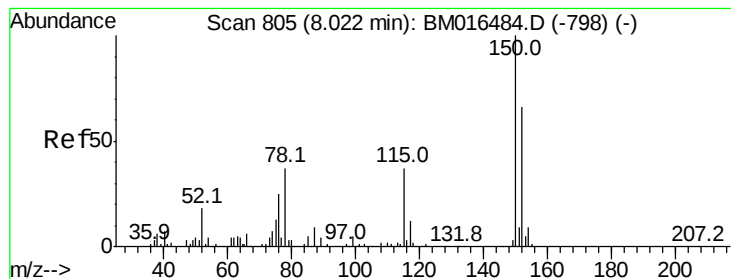
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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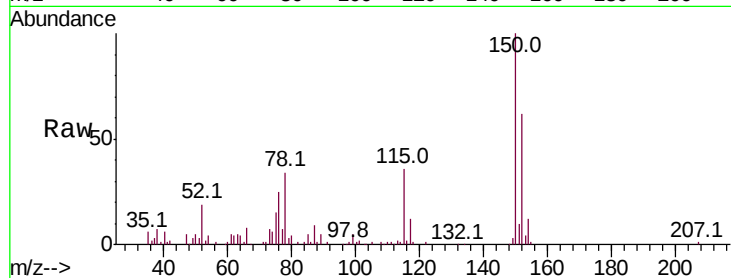


#1

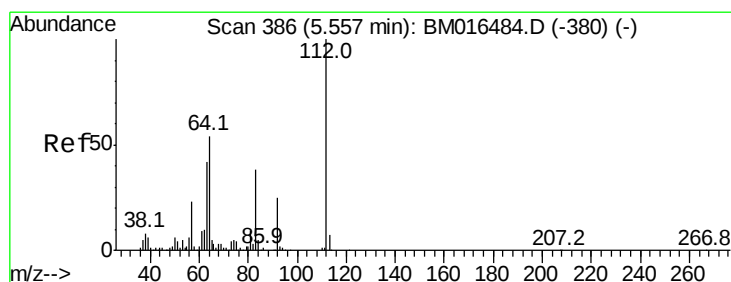
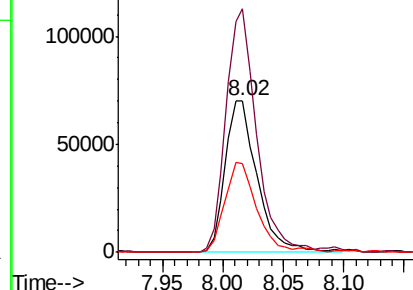
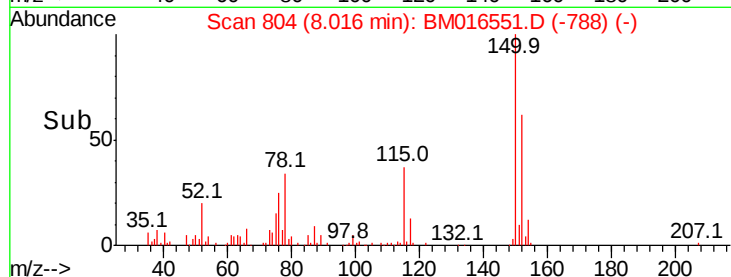
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	119.5	179.3
115	58.4	43.0	64.4



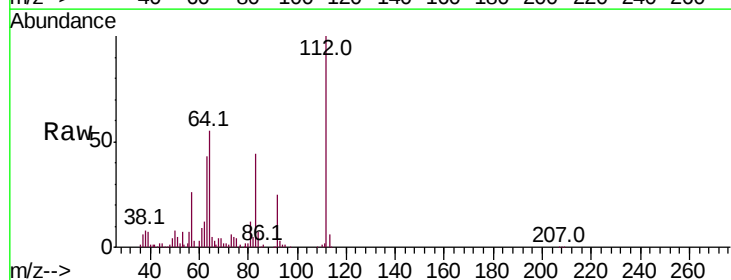
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



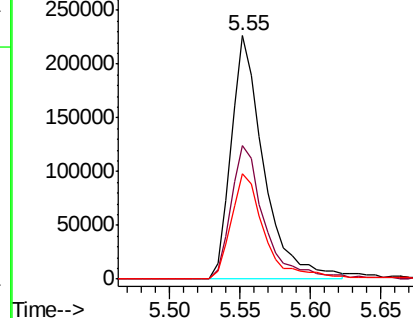
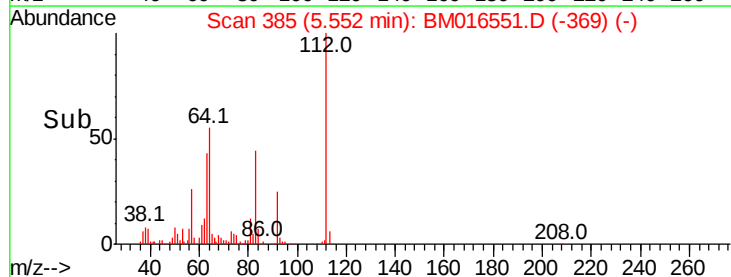
#5

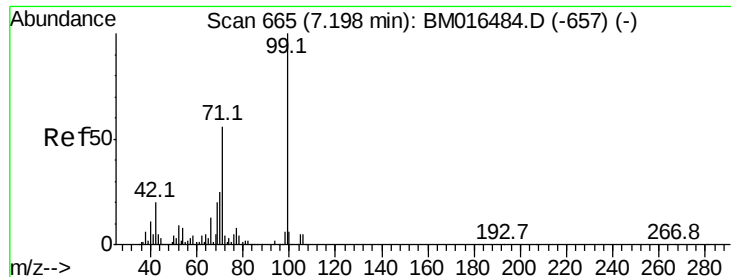
2-Fluorophenol
Concen: 55.474 ng
RT: 5.55 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	38.6	57.8
63	43.4	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: 32.452 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

Instrument :

BNA_M

ClientSampleId :

NUTLEY-DRUM

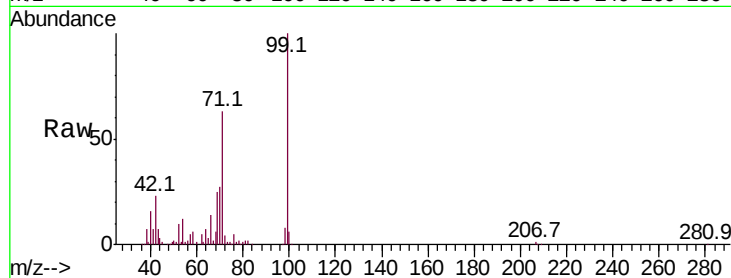
Tot Ion: 99 Resp: 282864

Ion Ratio Lower Upper

99 100

42 23.0 11.0 16.4#

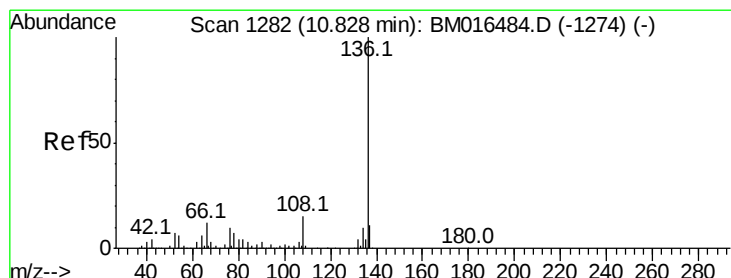
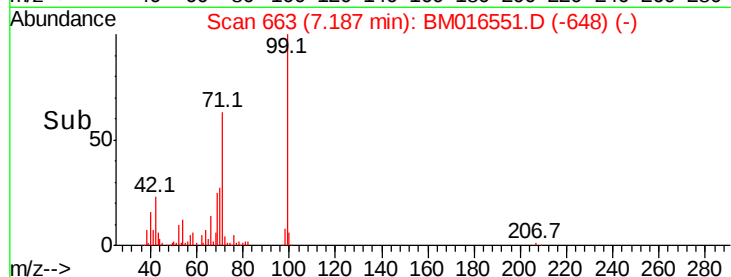
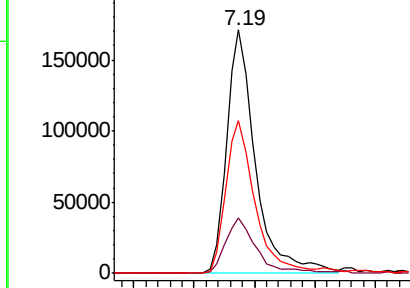
71 62.9 23.4 35.2#



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: 10.82 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

Tgt Ion: 136 Resp: 446211

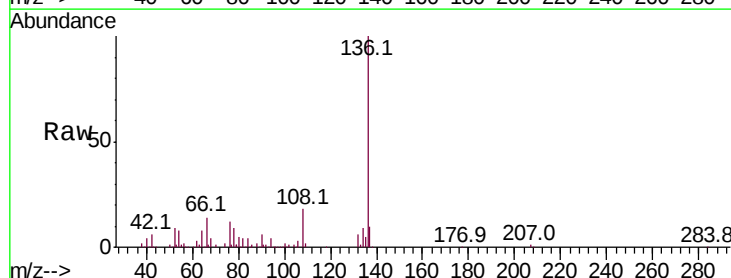
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.0 4.6 6.8#

68 3.8 3.7 5.5

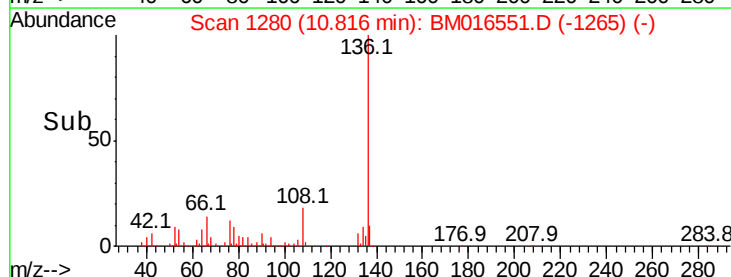
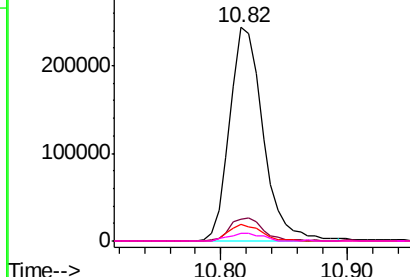


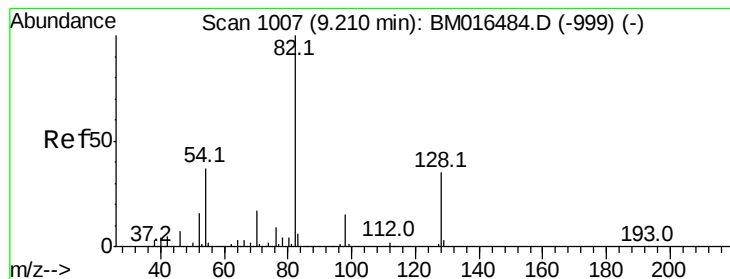
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

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: 100.595 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

Instrument :

BNA_M

ClientSampleId :

NUTLEY-DRUM

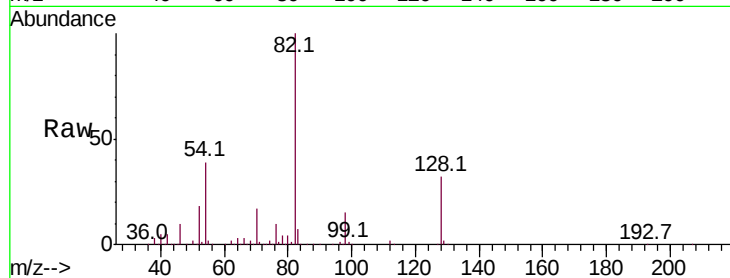
Tot Ion: 82 Resp: 983081

Ion Ratio Lower Upper

82 100

128 31.8 32.8 49.2#

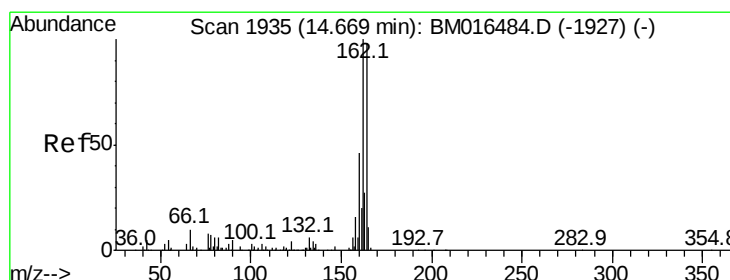
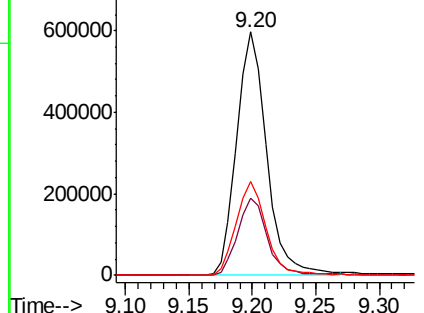
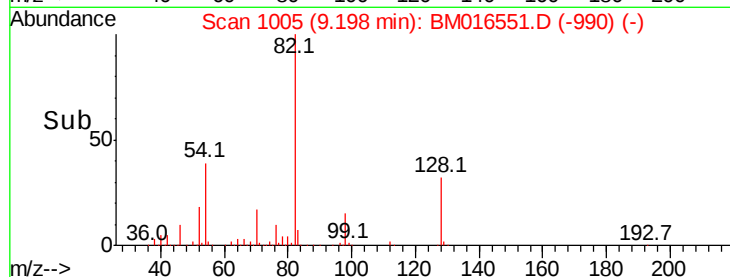
54 38.5 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

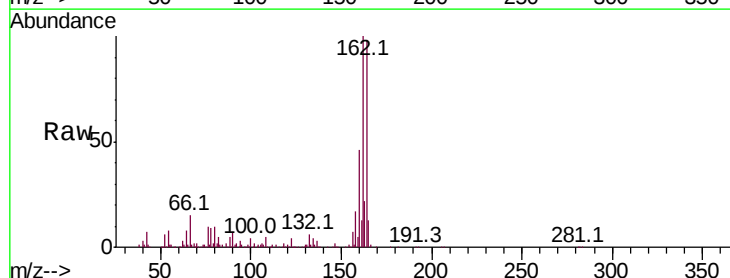
Tgt Ion:164 Resp: 381756

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

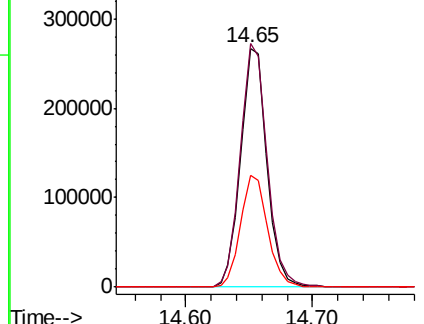
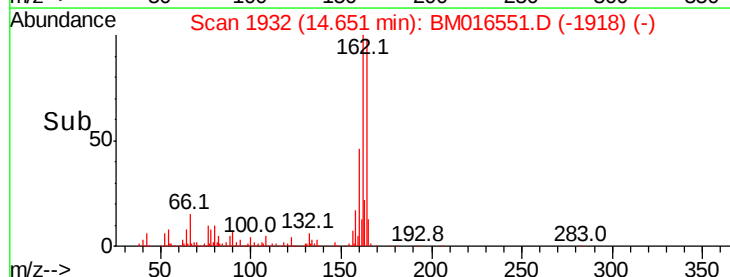
160 46.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

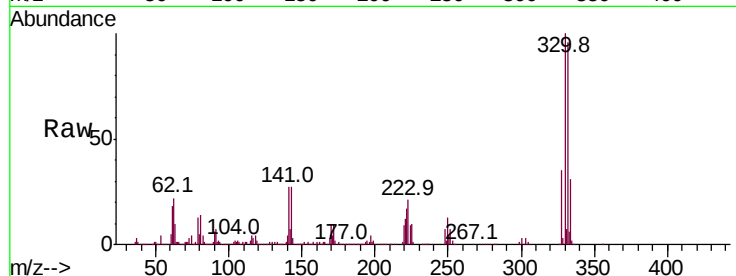




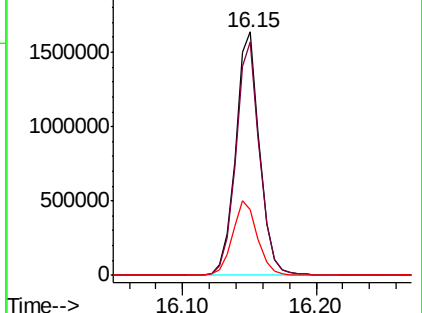
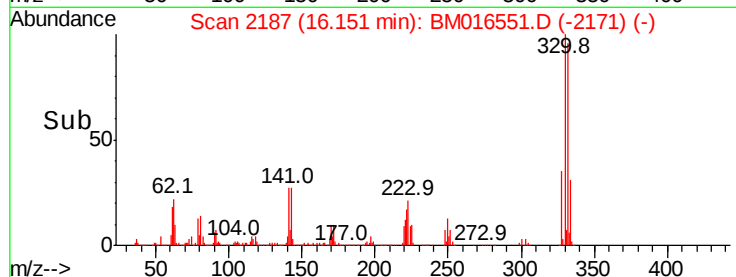
#41
2,4,6-Tribromophenol
Concen: 191.063 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tot Ion:330 Resp: 2038972
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 32.0 0.0 0.0#

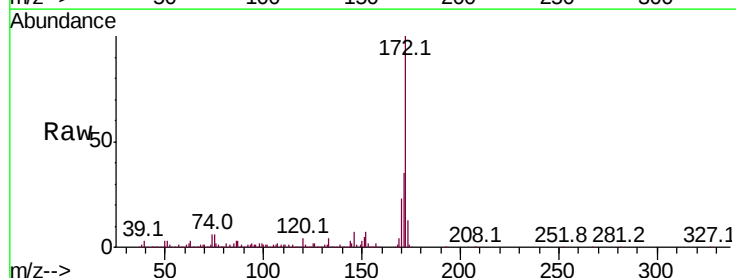


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

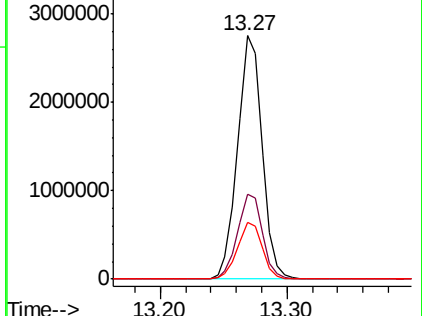
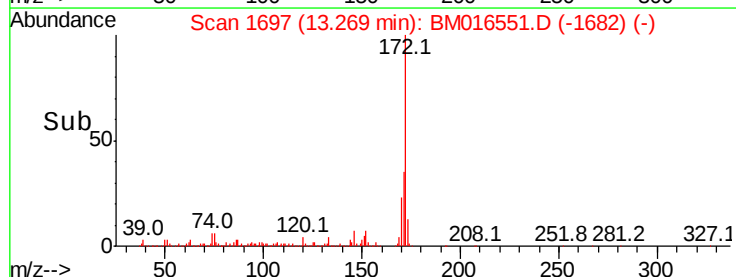


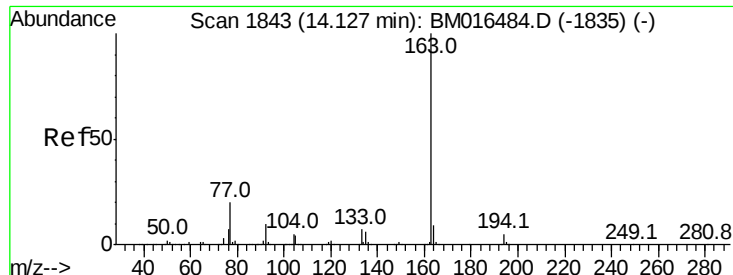
#44
2-Fluorobiphenyl
Concen: 92.479 ng
RT: 13.27 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion:172 Resp: 3672857
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.3 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

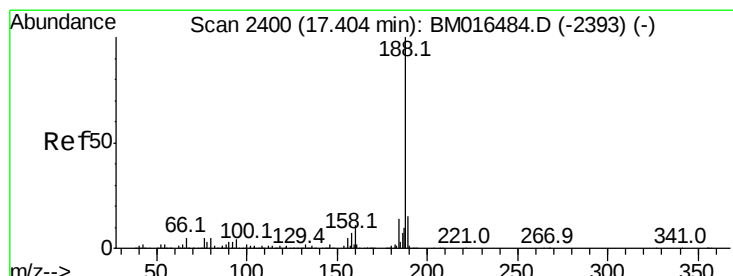
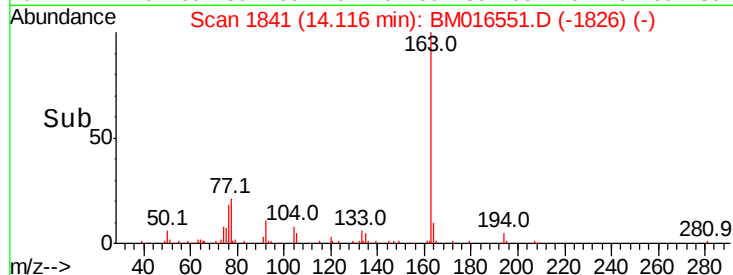
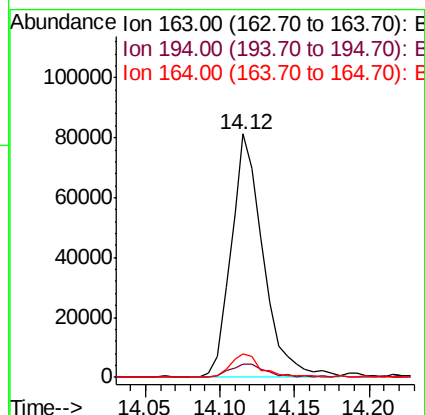
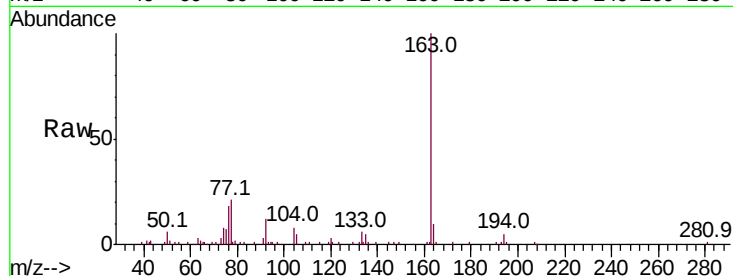




#49
Dimethylphthalate
Concen: 3.336 ng
RT: 14.12 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

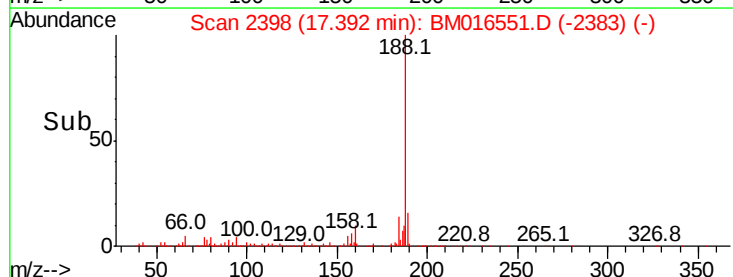
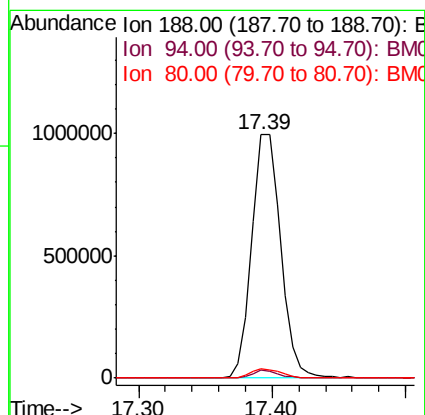
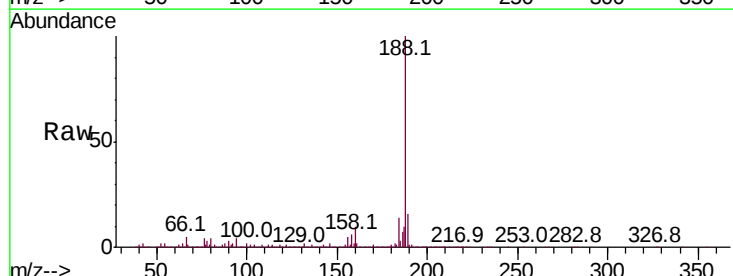
Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	2.7	4.1#
164	9.8	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.6	8.7	13.1#
80	3.8	9.3	13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

Instrument :

BNA_M

ClientSampleId :

NUTLEY-DRUM

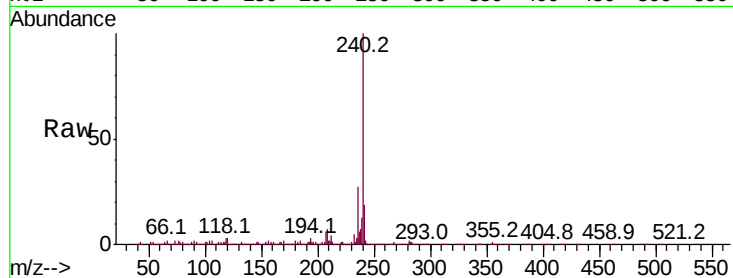
Tot Ion:240 Resp: 2151476

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

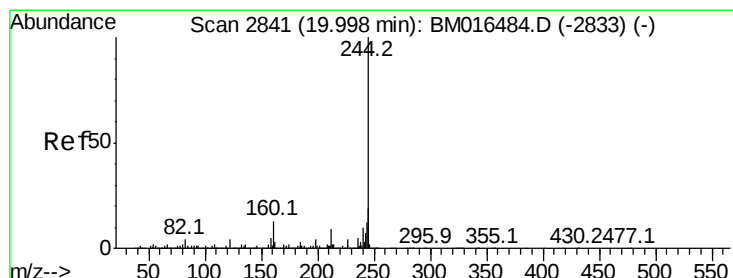
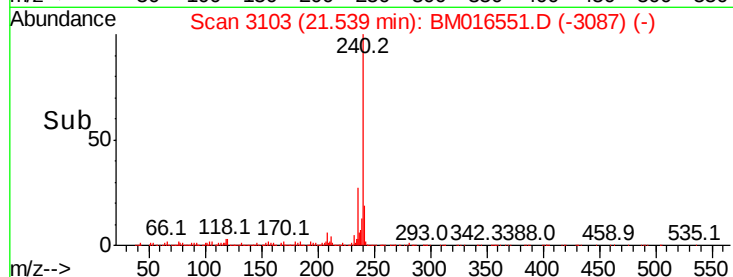
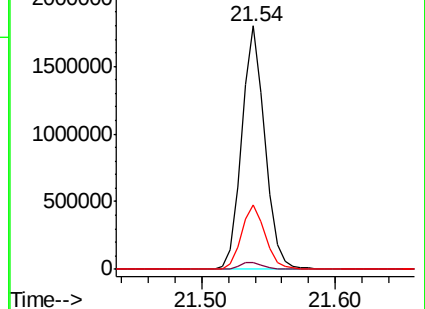
236 26.6 20.0 30.0



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: 110.339 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016551.D

Acq: 23 Aug 2018 12:04

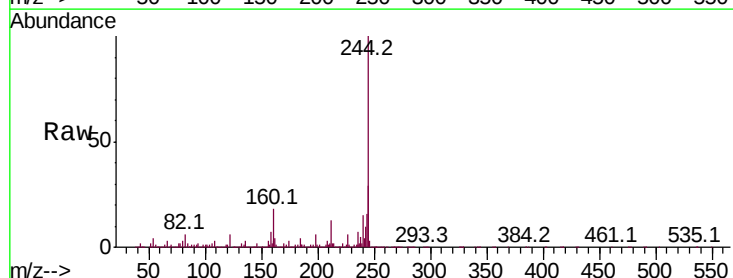
Tgt Ion:244 Resp:11215882

Ion Ratio Lower Upper

244 100

212 13.0 4.9 7.3#

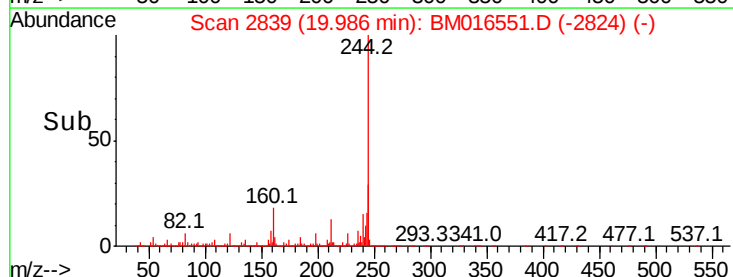
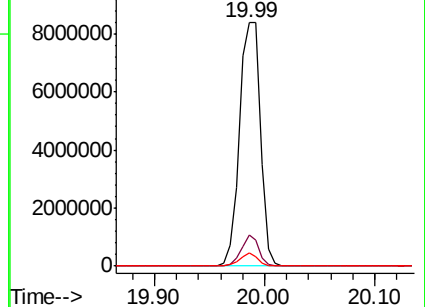
122 5.5 6.2 9.4#

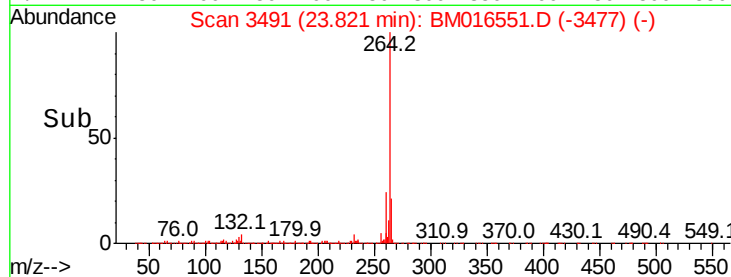
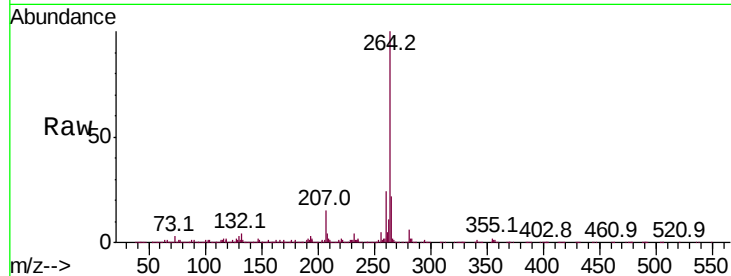
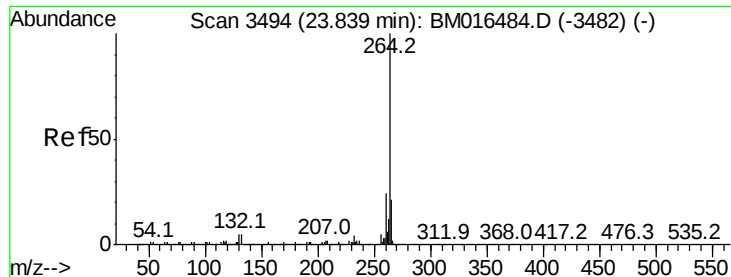


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.82 min Scan# 3491
Delta R.T. -0.02 min
Lab File: BM016551.D
Acq: 23 Aug 2018 12:04

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Tot Ion:264 Resp: 2344065

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.9	17.3	25.9

