

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
 Data File : BM016595.D
 Acq On : 24 Aug 2018 19:15
 Operator : SJ/JU
 Sample : J4627-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VB-N29937

Quant Time: Aug 24 23:20:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 10:59:20 2018
 Response via : Initial Calibration

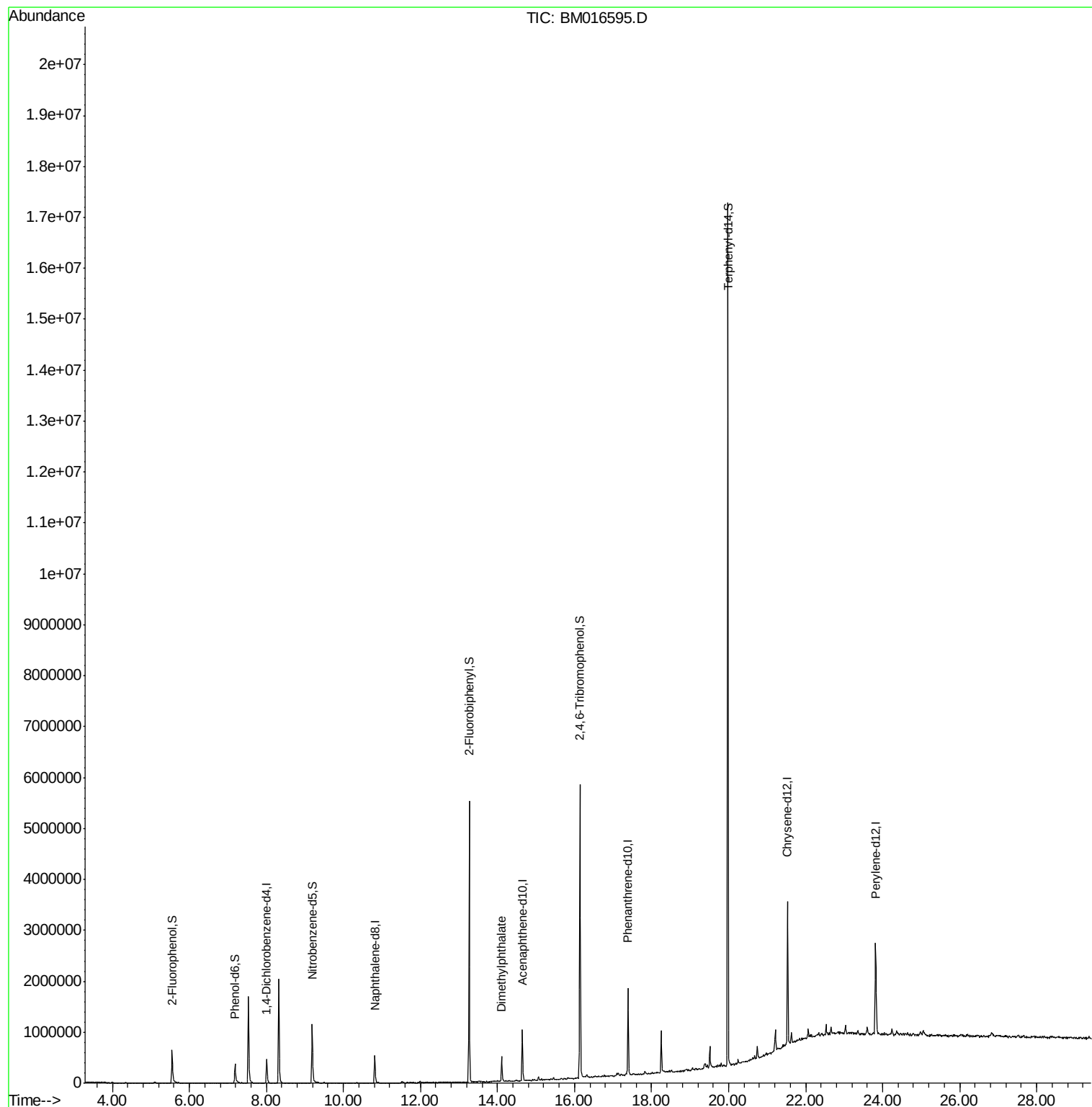
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	110595	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	375997	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	296038	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1011463	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1314770	20.00	ng	0.00
86) Perylene-d12	23.82	264	1415640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250374	44.36	ng	0.00
7) Phenol-d6	7.19	99	182844	24.48	ng	0.00
23) Nitrobenzene-d5	9.19	82	683593	83.01	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	1019657	123.21	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2421121	78.61	ng	0.00
78) Terphenyl-d14	19.98	244	6349844	102.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	298778	10.505	ng	Qvalue # 98

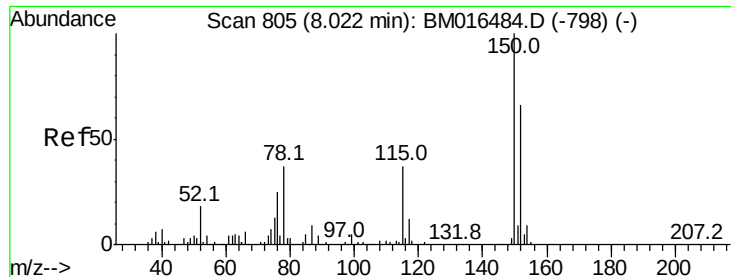
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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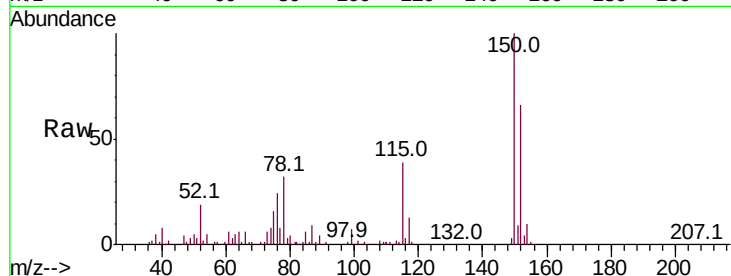


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BM016595.D
 Acq: 24 Aug 2018 19:15

Instrument :
 BNA_M
 ClientSampleId :
 VB-N29937

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	58.2	43.0	64.4

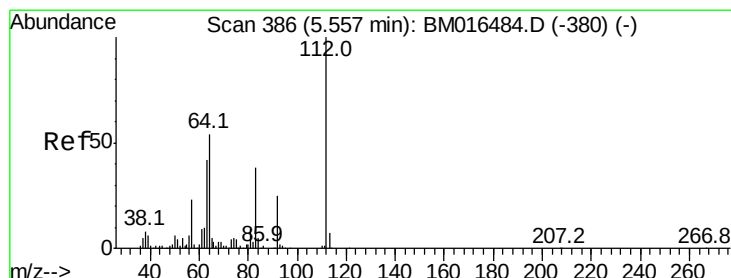
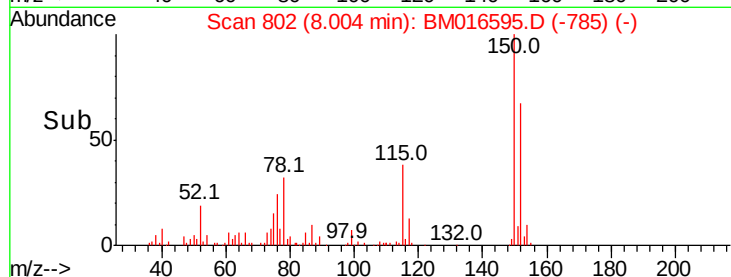
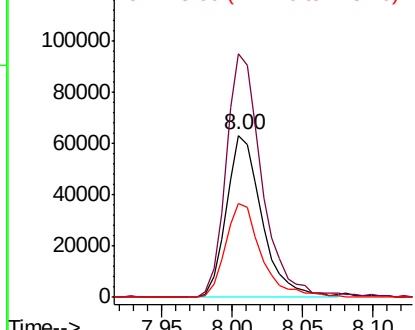


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

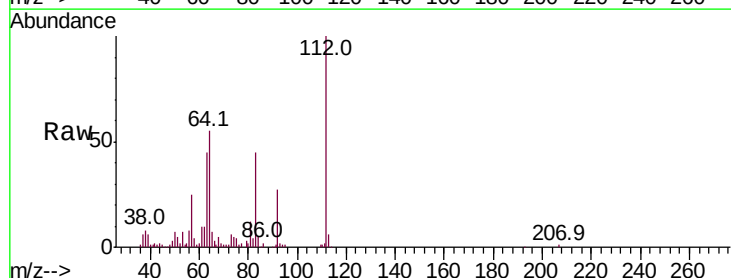
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 44.363 ng
 RT: 5.55 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BM016595.D
 Acq: 24 Aug 2018 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	38.6	57.8
63	45.5	19.3	28.9

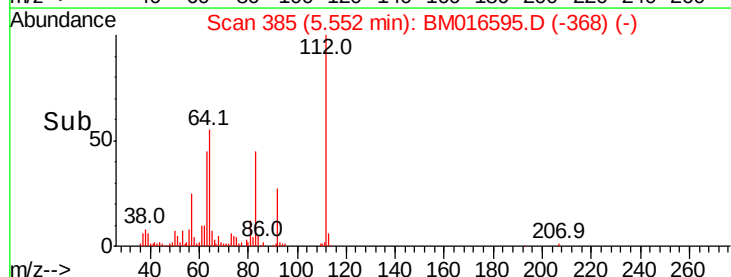
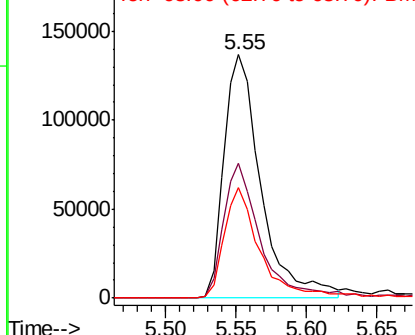


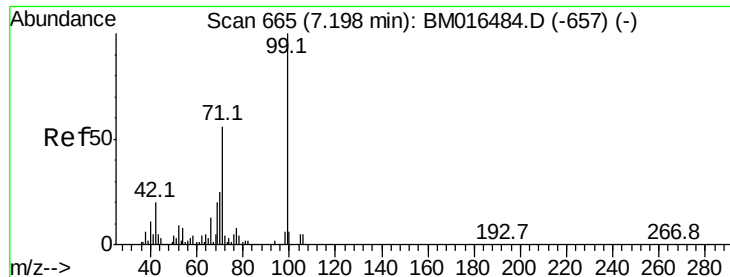
Abundance

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: 24.483 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

VB-N29937

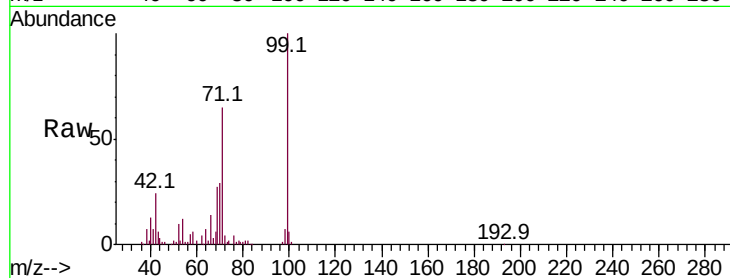
Tot Ion: 99 Resp: 182844

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

71 64.7 23.4 35.2#

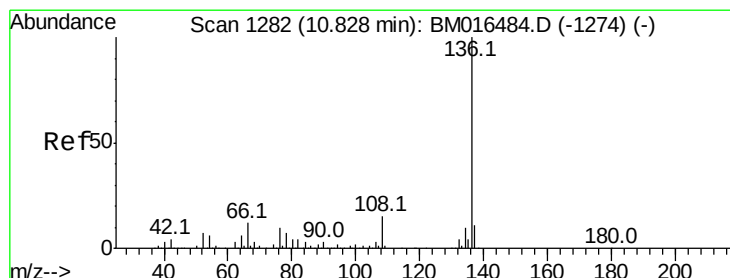
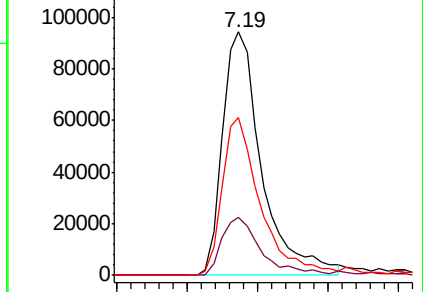
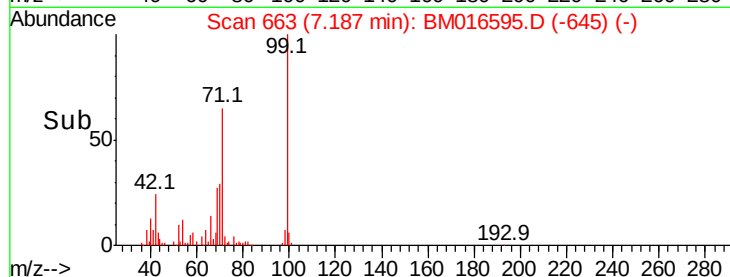


Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

Time--> 7.10 7.15 7.20 7.25



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

Tgt Ion: 136 Resp: 375997

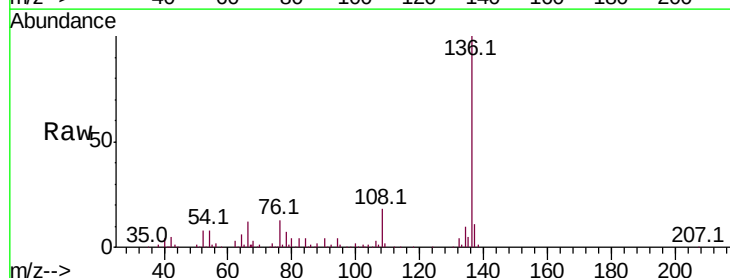
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.9 4.6 6.8#

68 3.5 3.7 5.5#



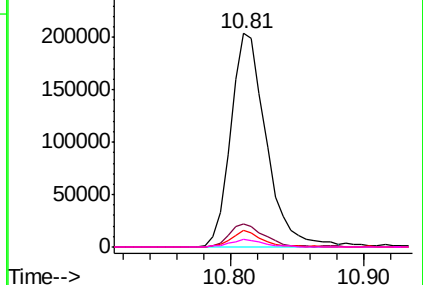
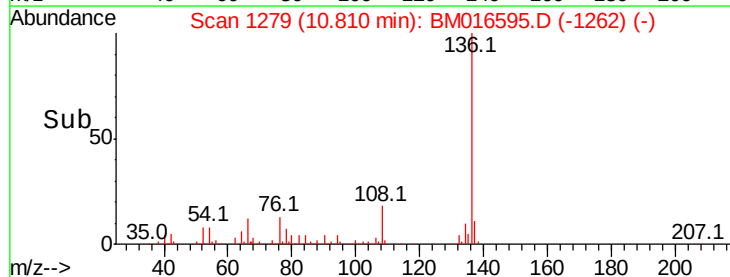
Abundance Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

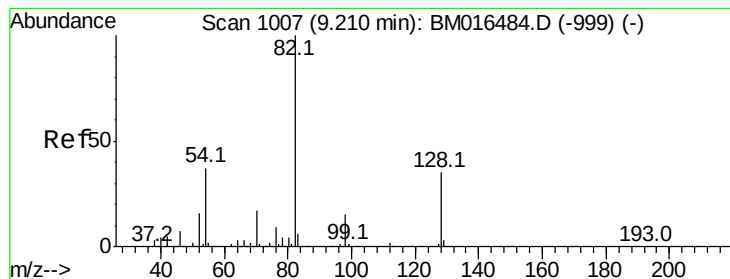
Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)

Time--> 10.80 10.90





#23

Nitrobenzene-d5

Concen: 83.012 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

VB-N29937

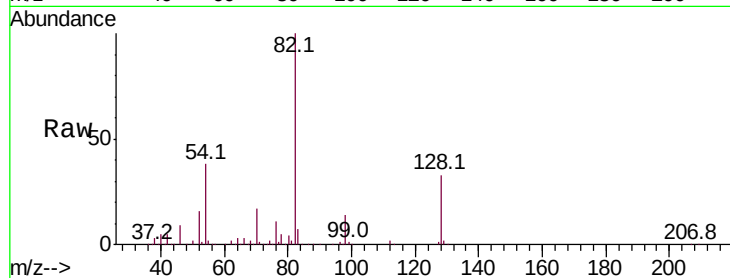
Tot Ion: 82 Resp: 683593

Ion Ratio Lower Upper

82 100

128 32.7 32.8 49.2#

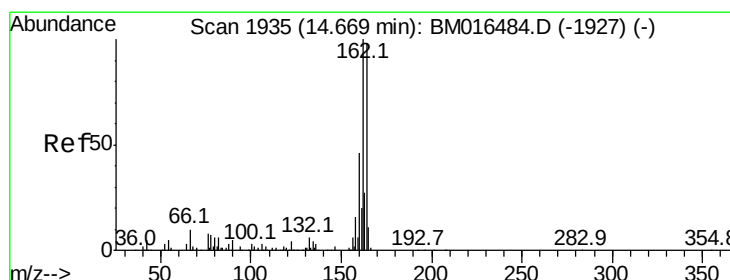
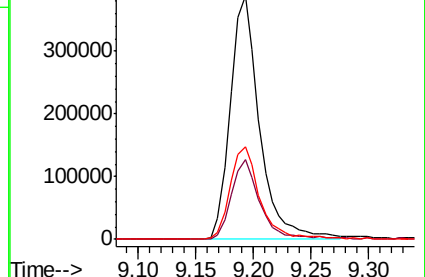
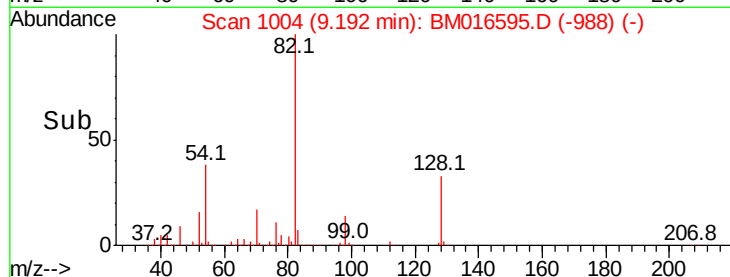
54 38.2 40.6 60.8#



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# 1931

Delta R.T. -0.01 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

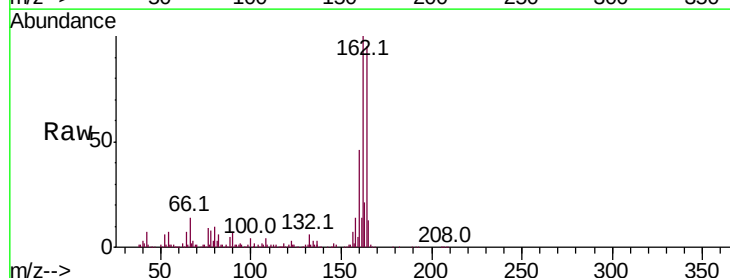
Tgt Ion:164 Resp: 296038

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

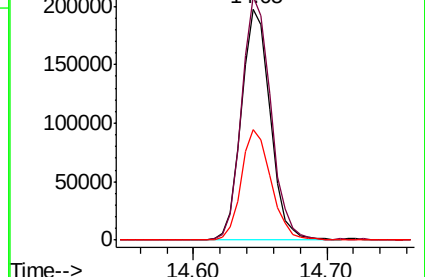
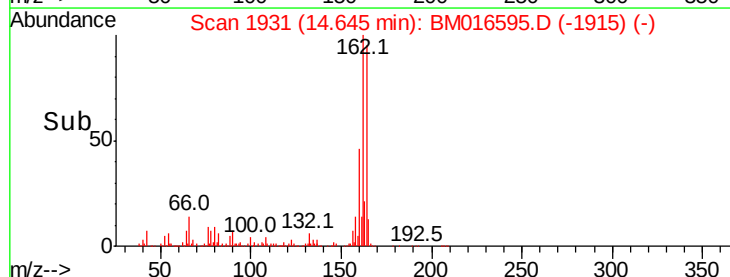
160 48.0 35.8 53.6

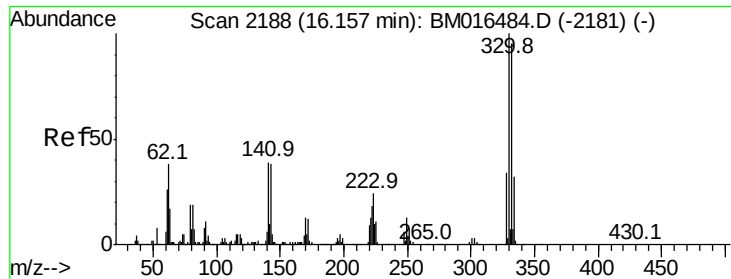


Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

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

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

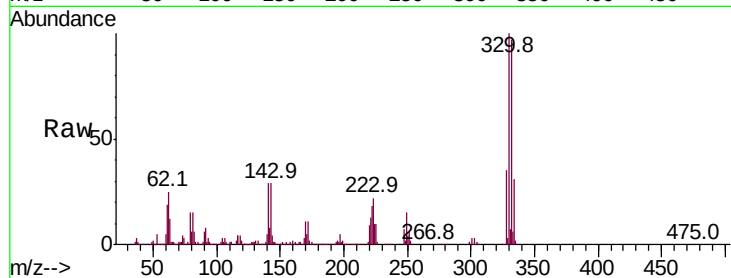




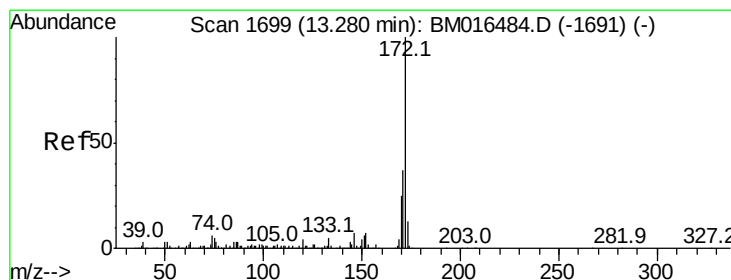
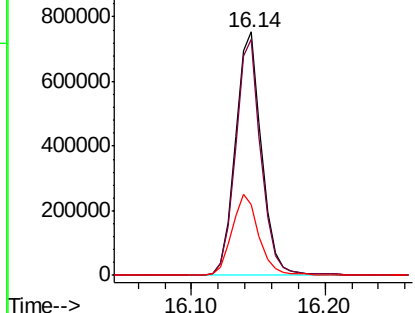
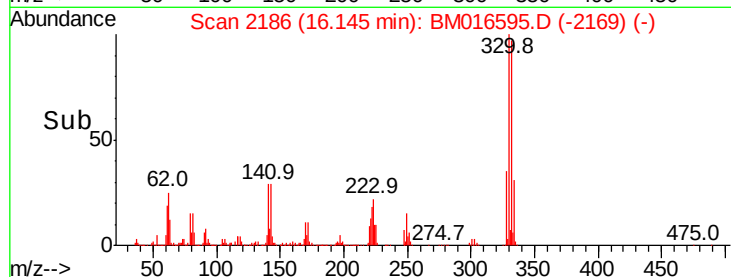
#41
2,4,6-Tribromophenol
Concen: 123.214 ng
RT: 16.14 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BM016595.D
Acq: 24 Aug 2018 19:15

Instrument :
BNA_M
ClientSampleId :
VB-N29937

Tot Ion:330 Resp: 1019657
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 34.4 0.0 0.0#

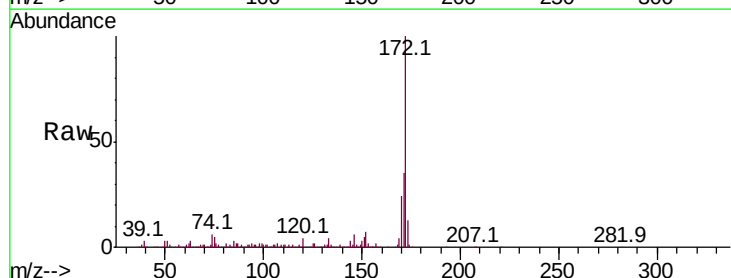


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

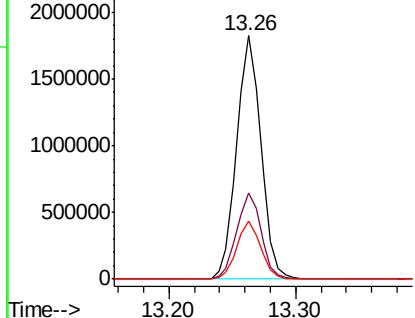
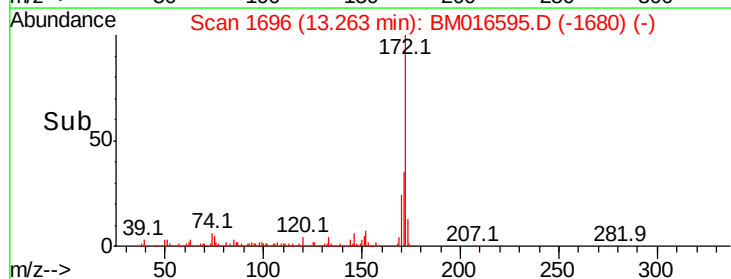


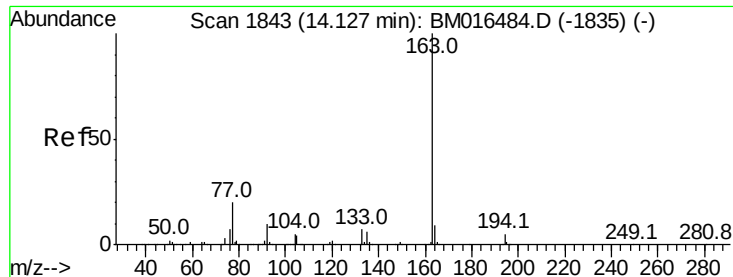
#44
2-Fluorobiphenyl
Concen: 78.613 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM016595.D
Acq: 24 Aug 2018 19:15

Tgt Ion:172 Resp: 2421121
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 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: 10.505 ng

RT: 14.11 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

Instrument :

BNA_M

ClientSampled :

VB-N29937

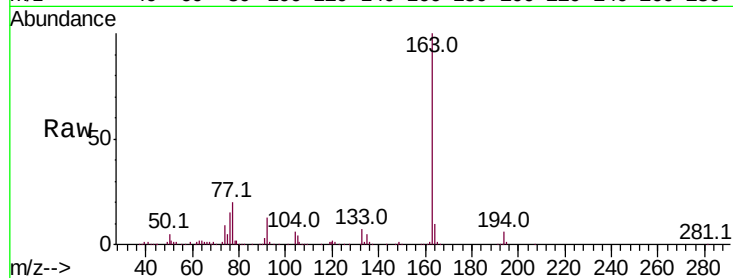
Tot Ion:163 Resp: 298778

Ion Ratio Lower Upper

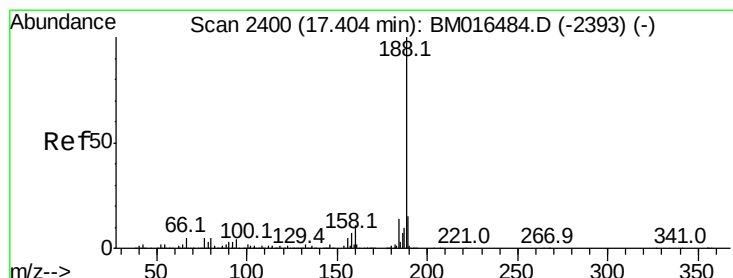
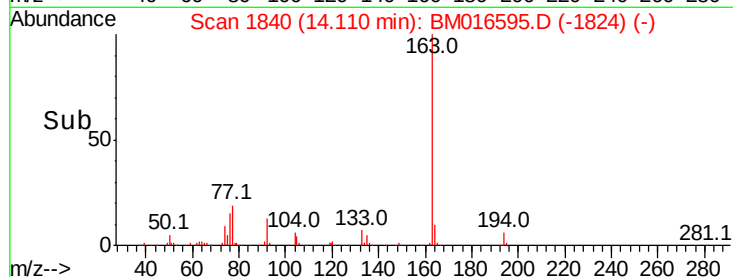
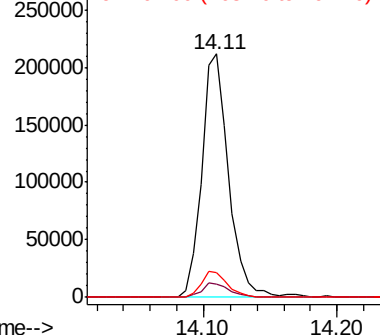
163 100

194 5.5 2.7 4.1#

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

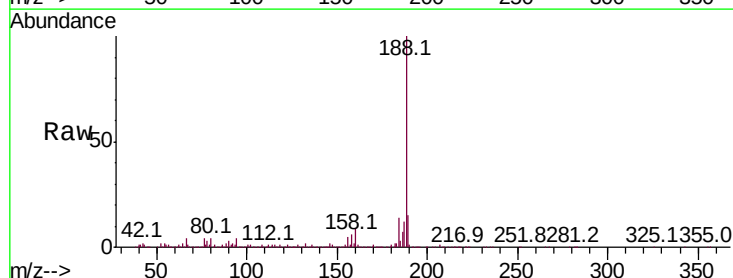
Tgt Ion:188 Resp: 1011463

Ion Ratio Lower Upper

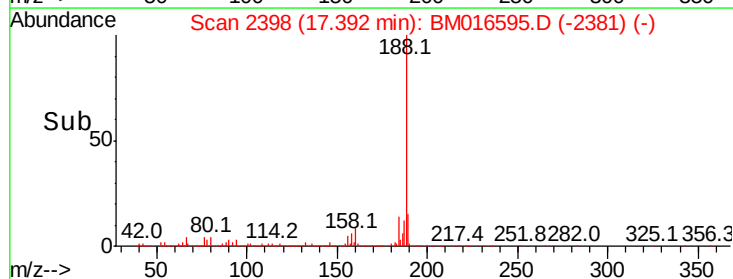
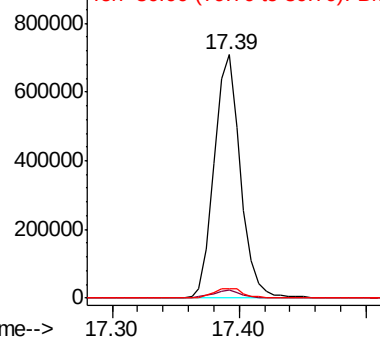
188 100

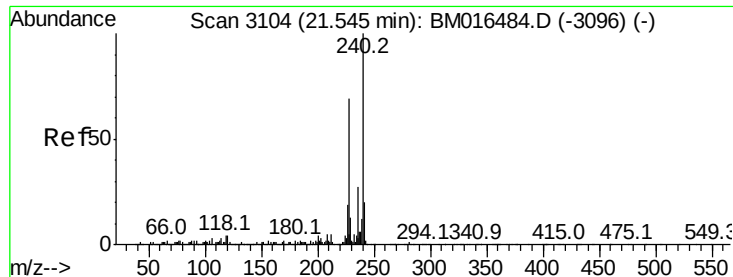
94 3.5 8.7 13.1#

80 3.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

Instrument :

BNA_M

ClientSampleId :

VB-N29937

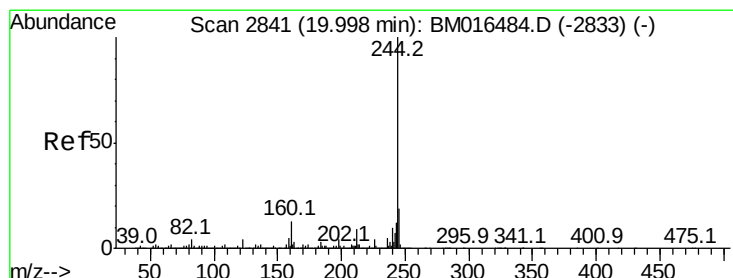
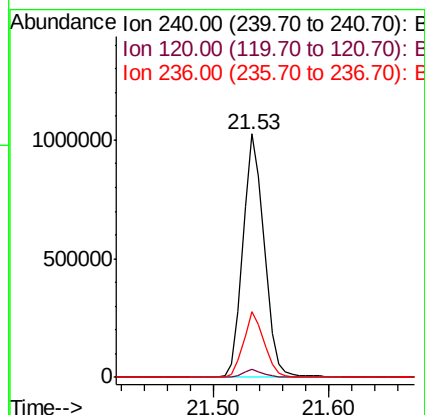
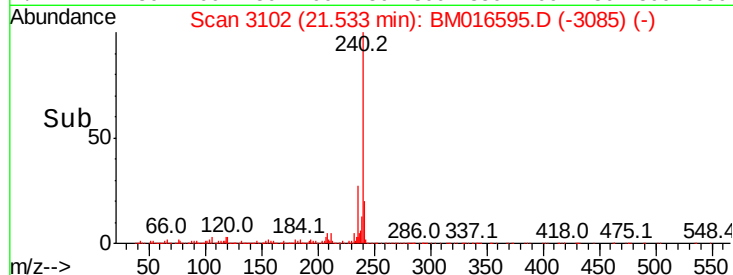
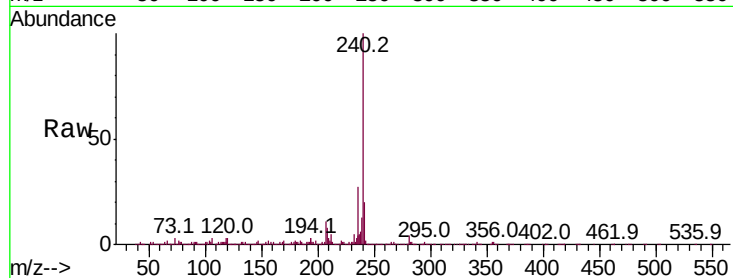
Tot Ion:240 Resp: 1314770

Ion Ratio Lower Upper

240 100

120 3.2 8.2 12.2#

236 27.0 20.0 30.0



#78

Terphenyl-d14

Concen: 102.222 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016595.D

Acq: 24 Aug 2018 19:15

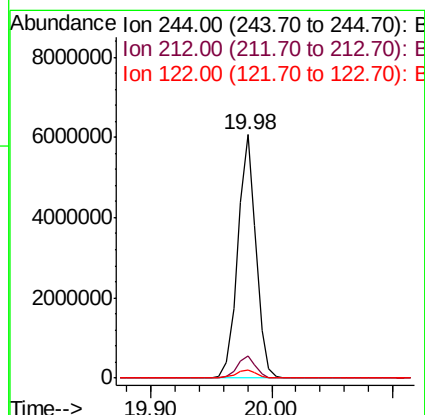
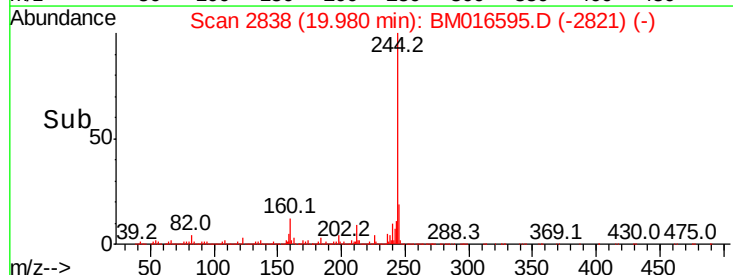
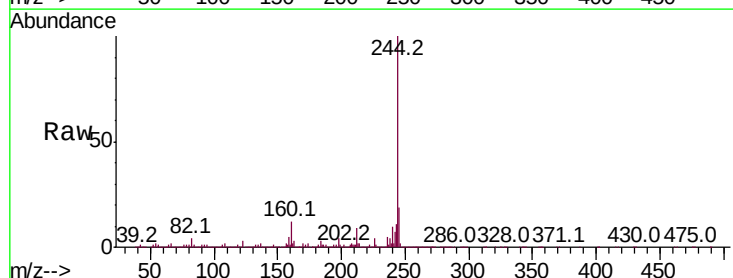
Tgt Ion:244 Resp: 6349844

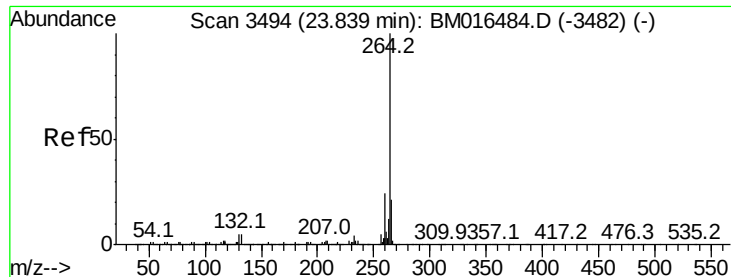
Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

122 3.5 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.82 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: BM016595.D
 Acq: 24 Aug 2018 19:15

Instrument :
 BNA_M
 ClientSampleId :
 VB-N29937

Tot Ion: 264 Resp: 1415640

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.0	17.3	25.9

