

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017565.D
 Acq On : 07 Nov 2018 18:12
 Operator : MJ/SJ
 Sample : J5839-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 08:54:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

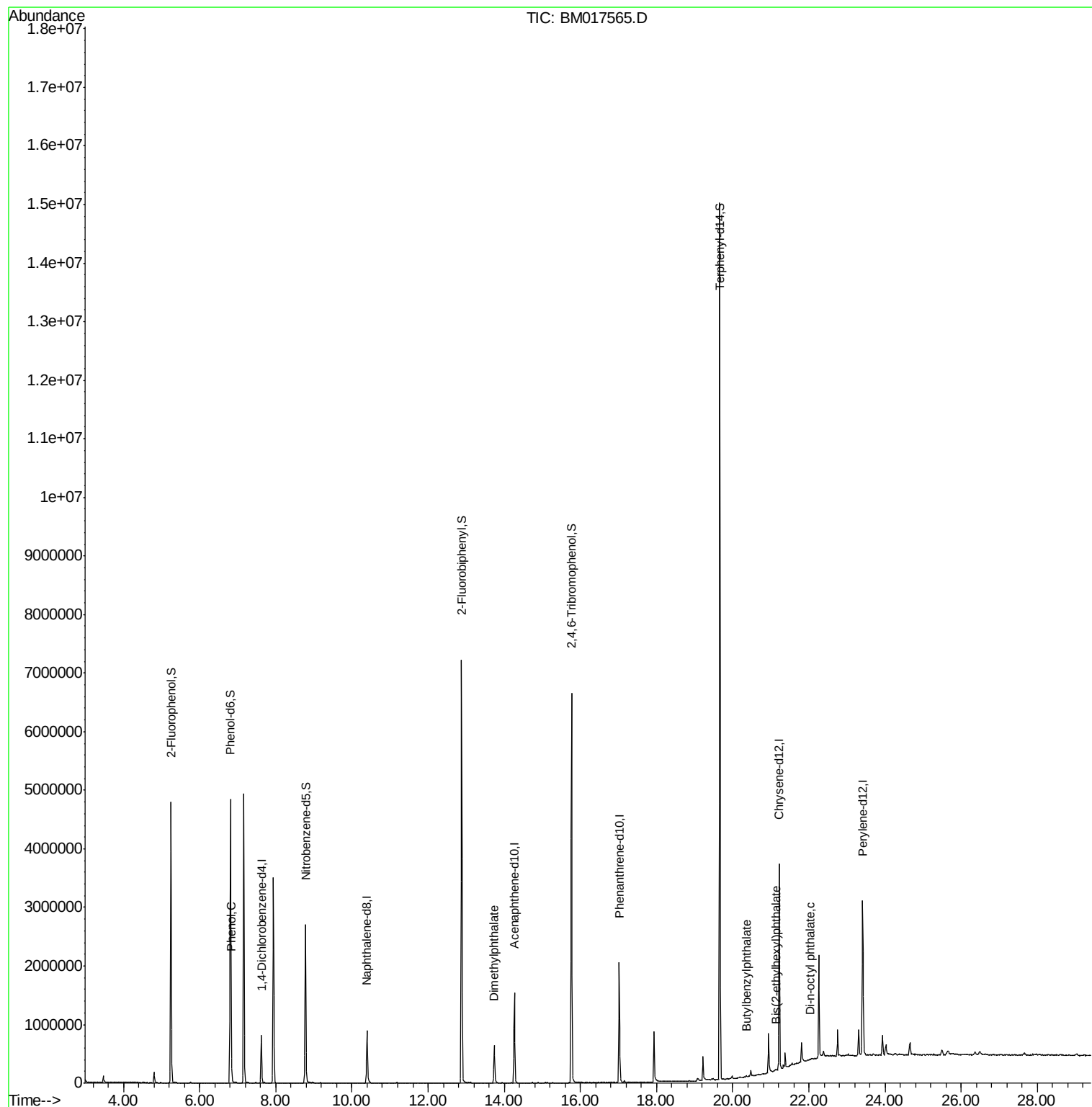
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	209752	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	835268	20.00	ng	-0.03
39) Acenaphthene-d10	14.27	164	508321	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1259067	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1643782	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1857854	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1891285	152.50	ng	-0.02
7) Phenol-d6	6.81	99	2607452	154.38	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1574469	110.24	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1180701	171.76	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3750287	98.16	ng	-0.02
79) Terphenyl-d14	19.66	244	6913816	94.80	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	146371	8.05	ng	Qvalue 90
50) Dimethylphthalate	13.74	163	500192	12.75	ng	100
80) Butylbenzylphthalate	20.37	149	211	7.18	ng	# 80
84) Bis(2-ethylhexyl)phthalate	21.14	149	18568	5.62	ng	# 95
85) Di-n-octyl phthalate	22.03	149	1468	5.59	ng	# 48

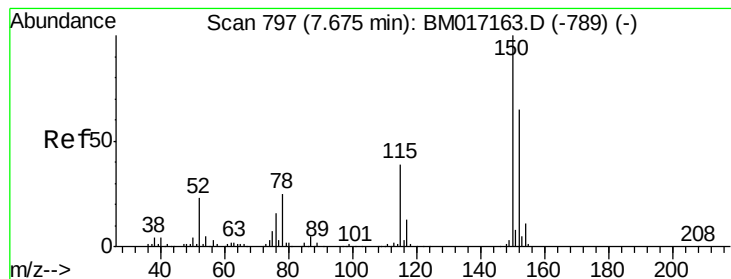
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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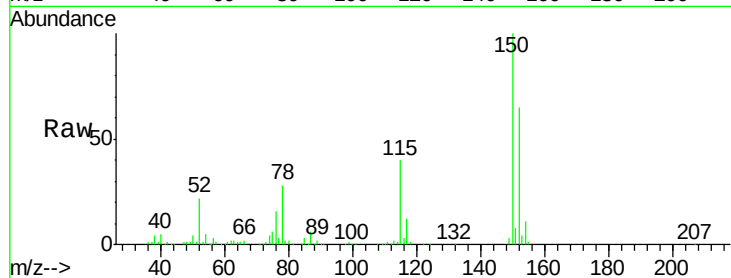


#1

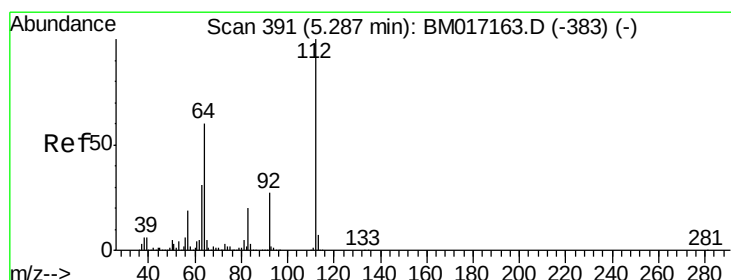
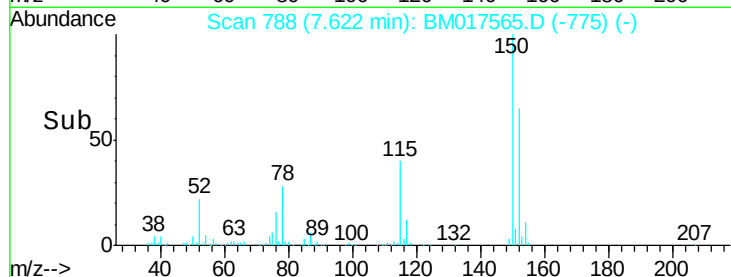
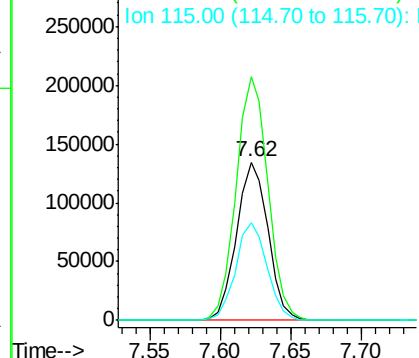
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 209752
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 61.7 48.1 72.1



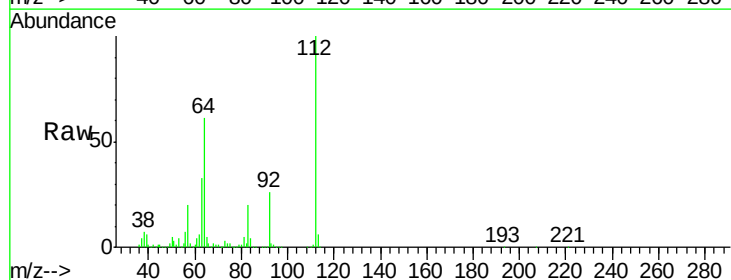
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



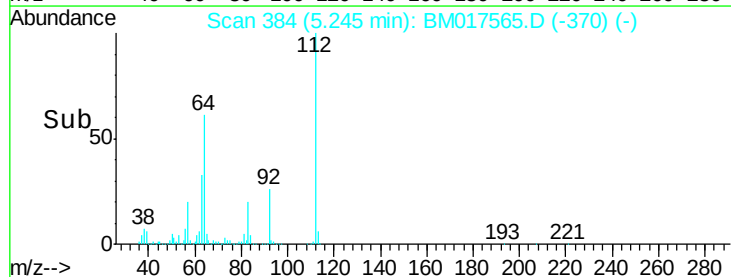
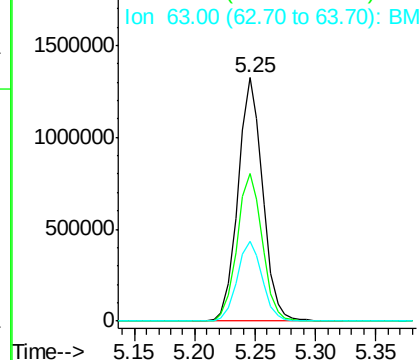
#5

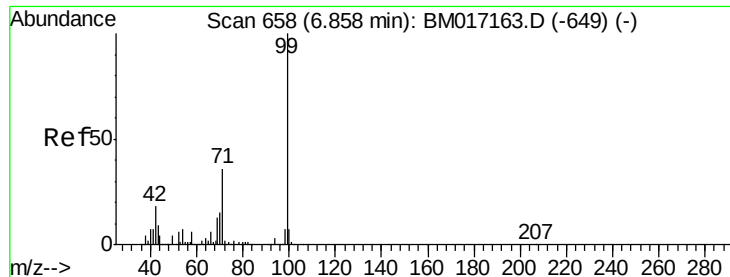
2-Fluorophenol
Concen: 152.50 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Tgt Ion:112 Resp: 1891285
Ion Ratio Lower Upper
112 100
64 60.7 41.7 62.5
63 32.7 23.0 34.4



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: 154.38 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

Instrument :

BNA_M

ClientSampleId :

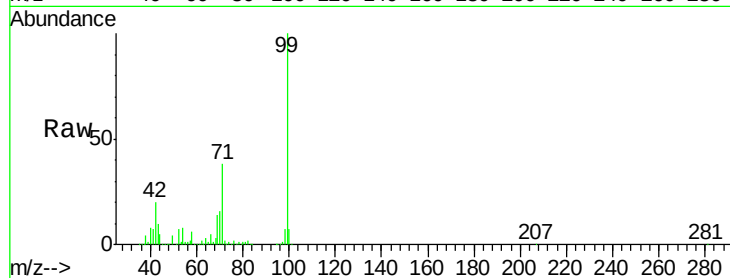
Tot Ion: 99 Resp: 2607452

Ion Ratio Lower Upper

99 100

42 20.3 13.3 19.9#

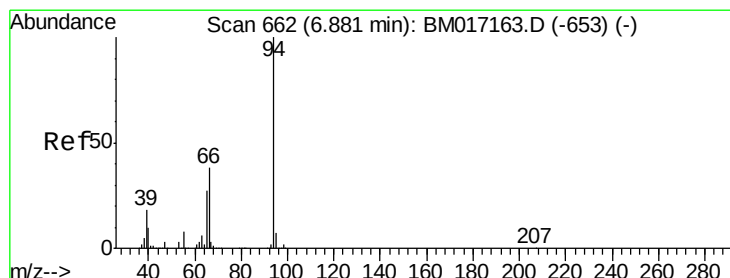
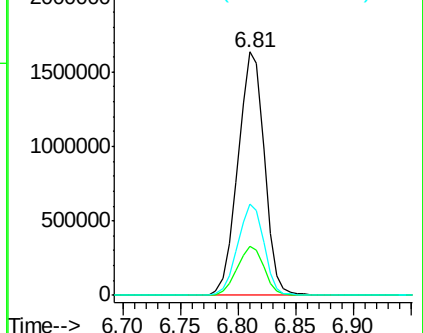
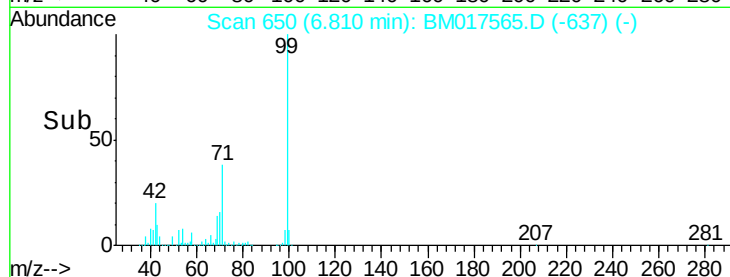
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017565.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM017565.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM017565.D (-637) (-)



#10

Phenol

Concen: 8.05 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

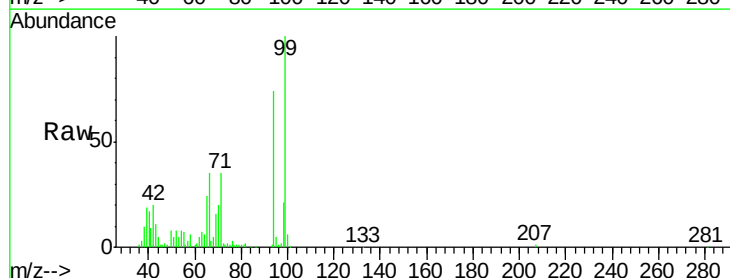
Tgt Ion: 94 Resp: 146371

Ion Ratio Lower Upper

94 100

65 32.2 9.4 49.4

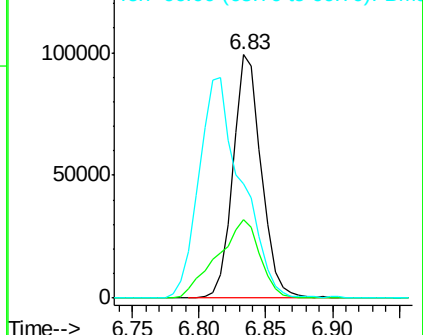
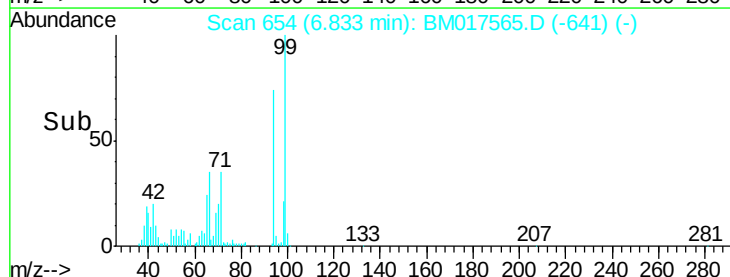
66 47.0 19.0 59.0

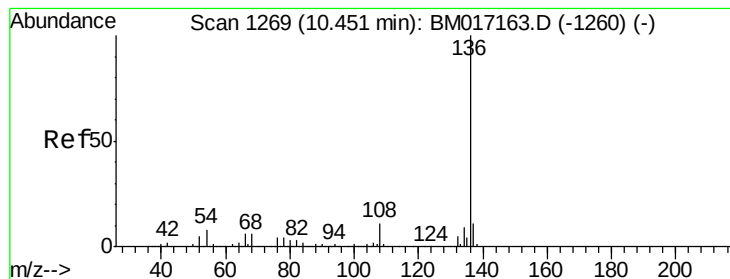


Abundance Ion 94.00 (93.70 to 94.70): BM017565.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM017565.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM017565.D (-641) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 835268

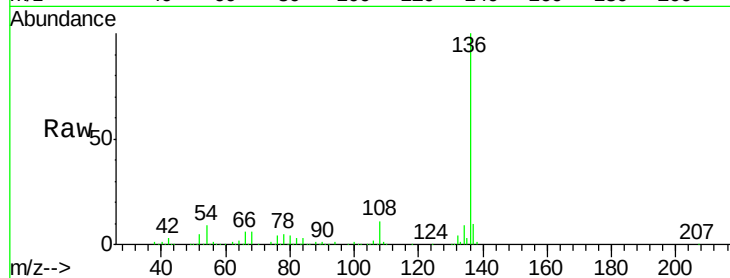
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 8.7 6.7 10.1

68 6.2 4.7 7.1

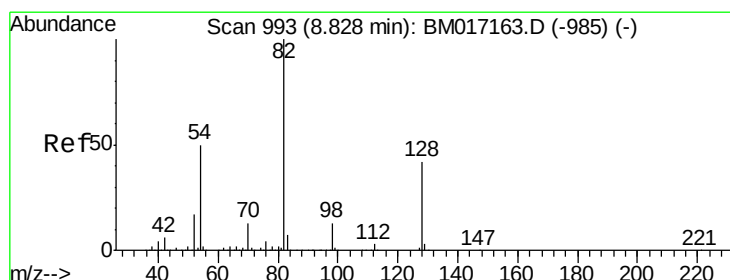
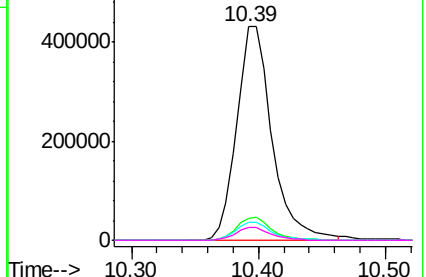
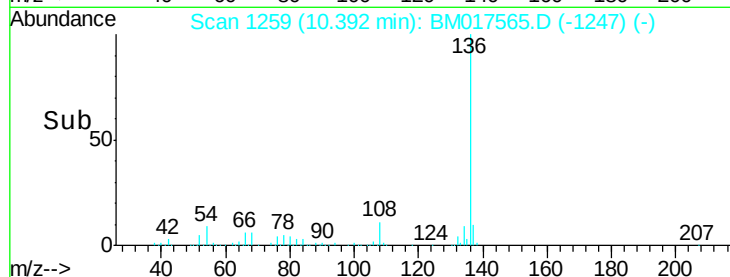


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 110.24 ng

RT: 8.78 min Scan# 985

Delta R.T. -0.02 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

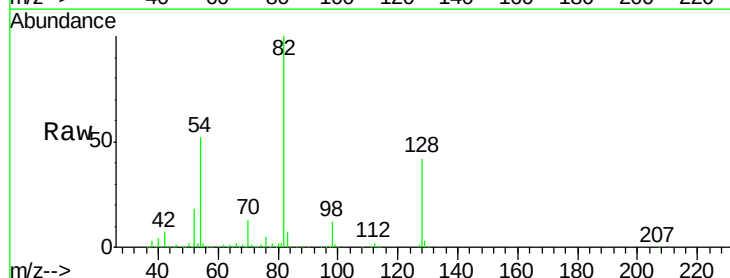
Tgt Ion: 82 Resp: 1574469

Ion Ratio Lower Upper

82 100

128 41.7 37.0 55.6

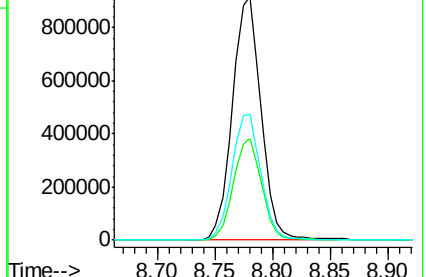
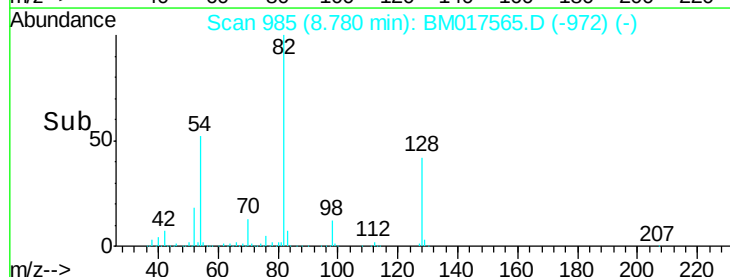
54 51.8 40.7 61.1

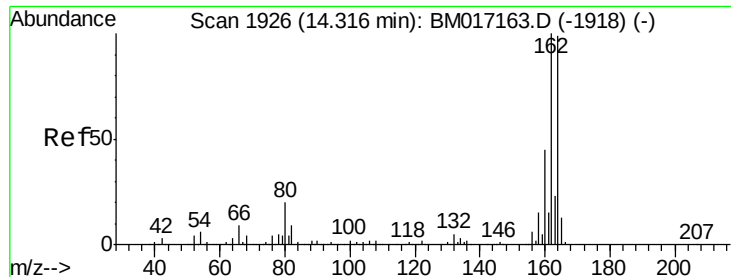


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

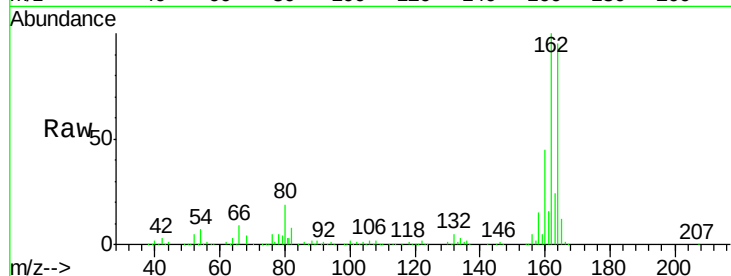




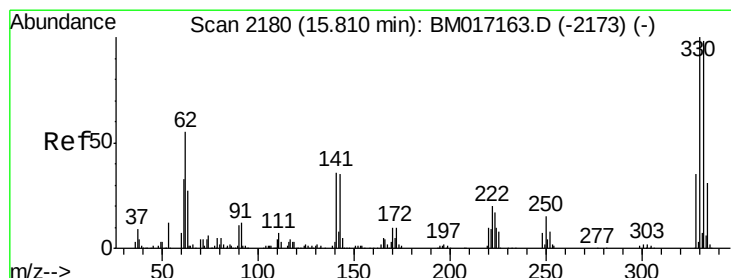
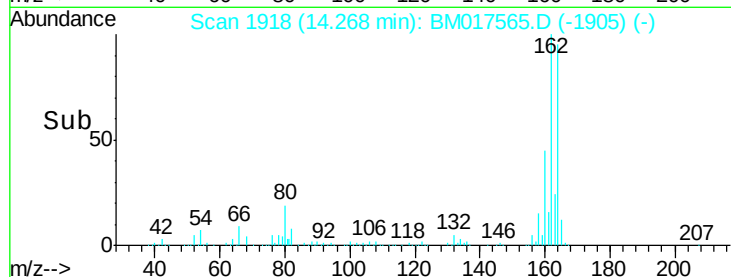
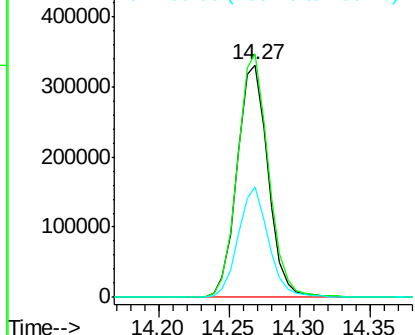
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 508321
Ion Ratio Lower Upper
164 100
162 104.9 82.1 123.1
160 47.4 40.2 60.2

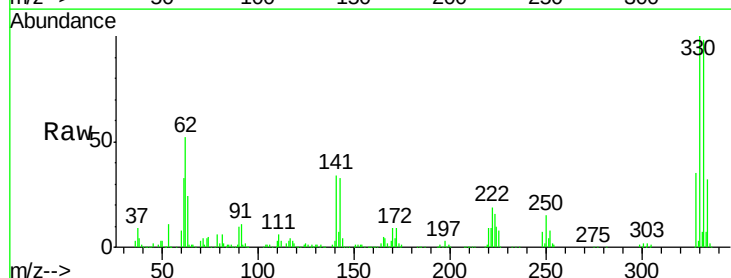


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

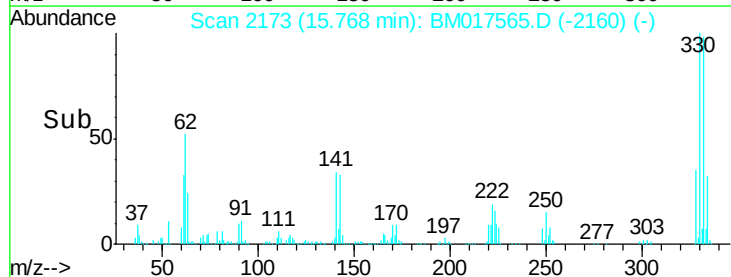
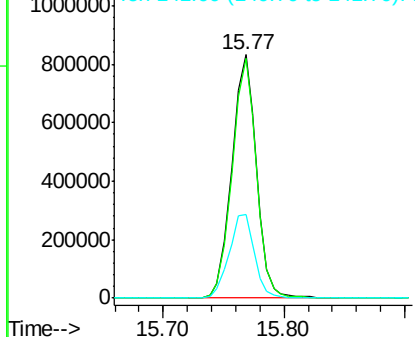


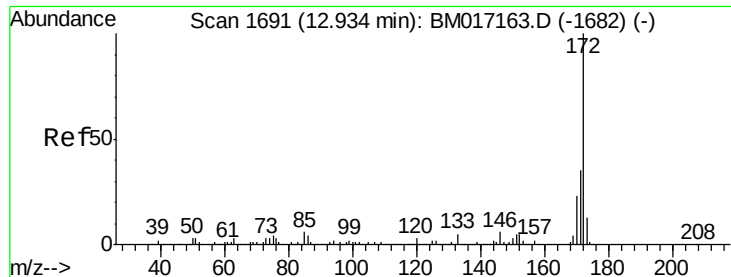
#42
2,4,6-Tribromophenol
Concen: 171.76 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Tgt Ion:330 Resp: 1180701
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 35.5 27.4 41.0



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

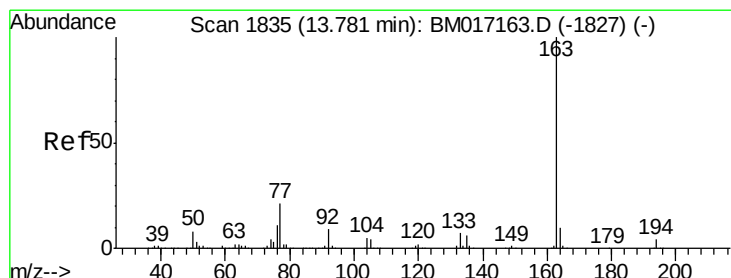
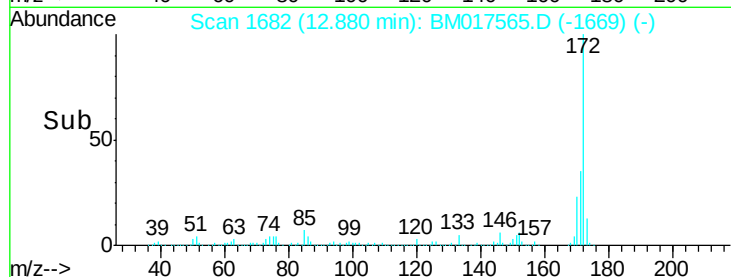
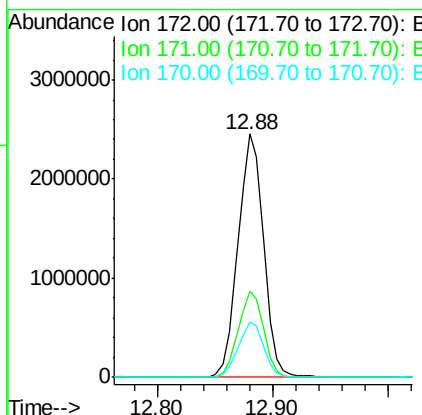
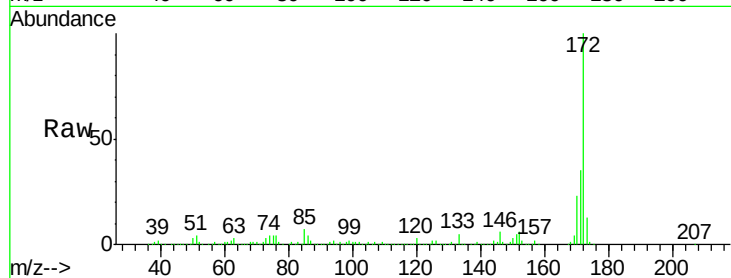




#45
2-Fluorobiphenyl
Concen: 98.16 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

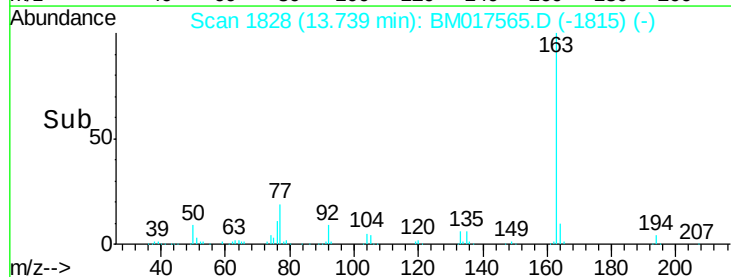
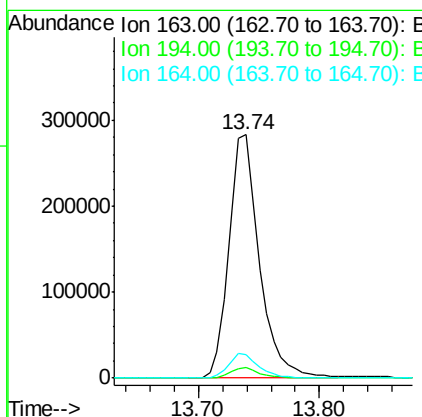
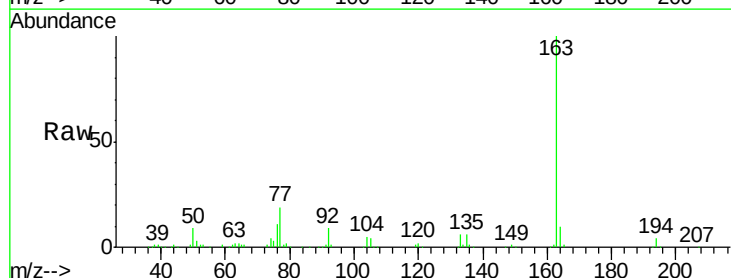
Instrument :
BNA_M
ClientSampleId :

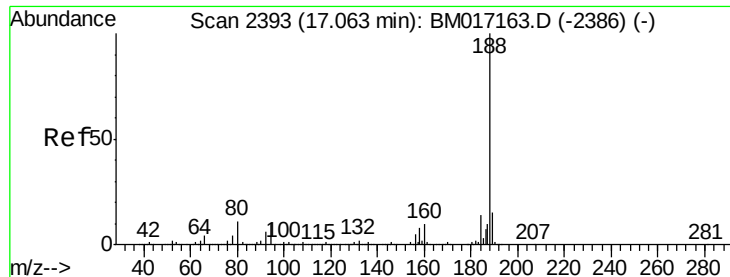
Tot Ion:172 Resp: 3750287
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.7 18.3 27.5



#50
Dimethylphthalate
Concen: 12.75 ng
RT: 13.74 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Tgt Ion:163 Resp: 500192
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.7 7.8 11.8

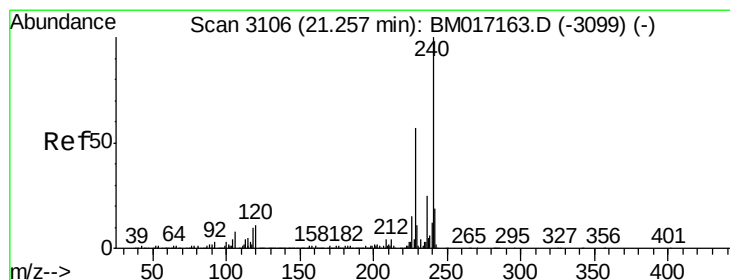
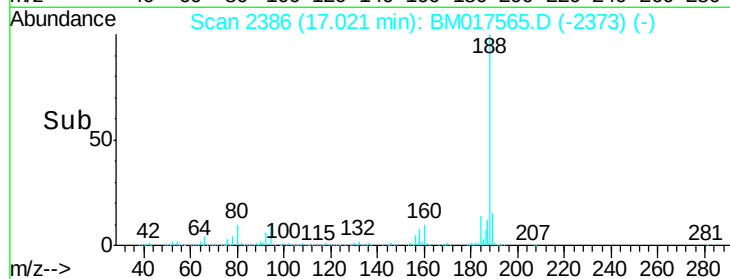
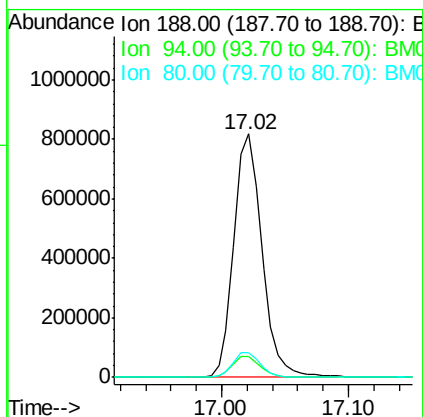
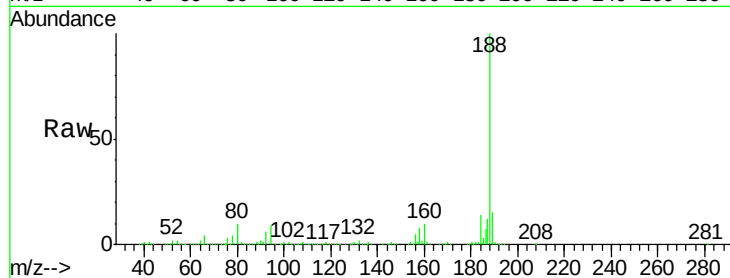




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

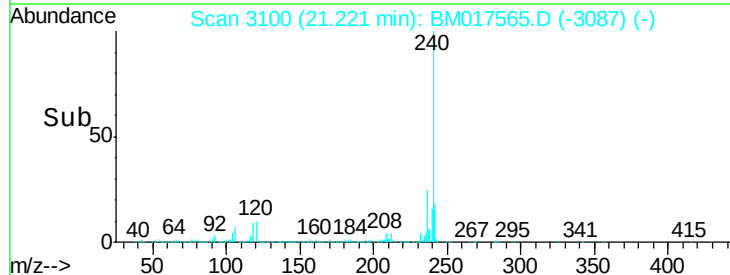
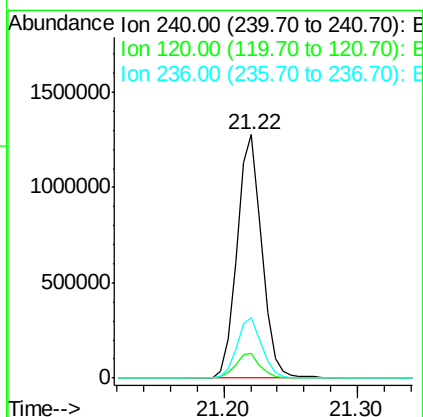
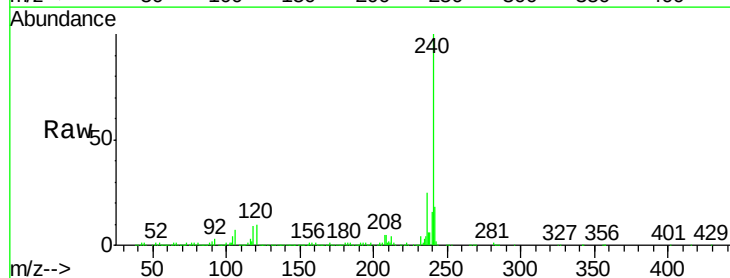
Instrument :
BNA_M
ClientSampleId :

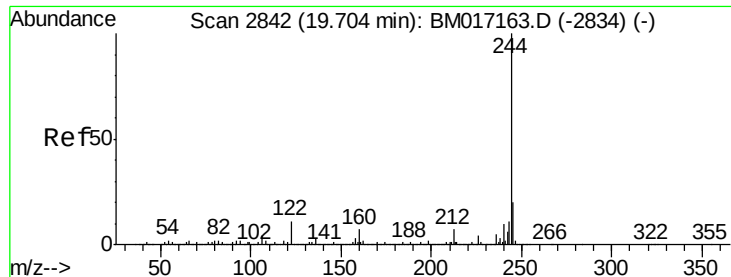
Tot Ion:188 Resp: 1259067
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM017565.D
Acq: 07 Nov 2018 18:12

Tgt Ion:240 Resp: 1643782
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.1 19.9 29.9





#79

Terphenyl-d14

Concen: 94.80 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

Instrument :

BNA_M

ClientSampleId :

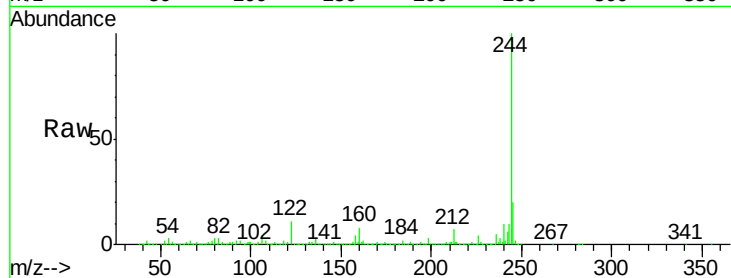
Tot Ion:244 Resp: 6913816

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

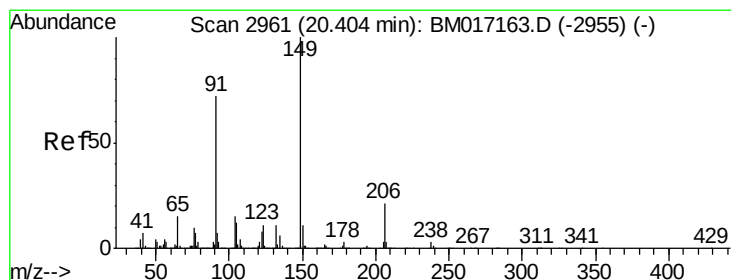
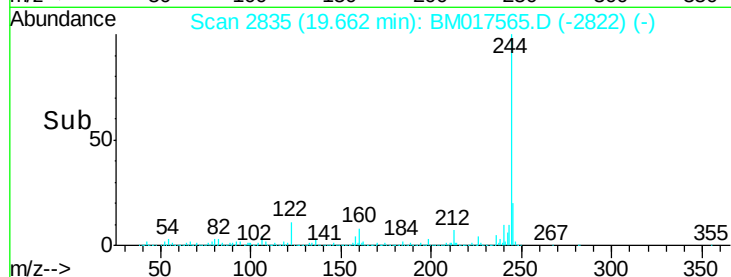
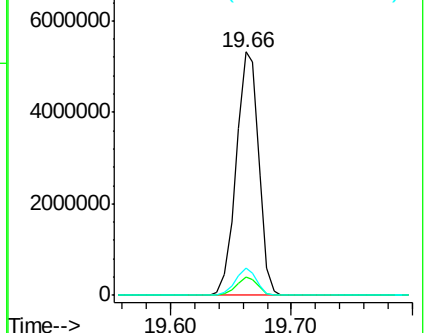
122 11.1 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.18 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM017565.D

Acq: 07 Nov 2018 18:12

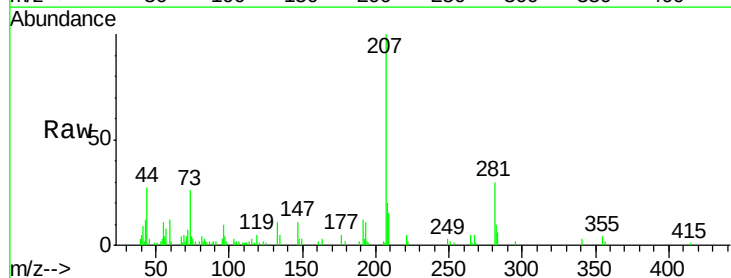
Tgt Ion:149 Resp: 211

Ion Ratio Lower Upper

149 100

91 55.7 51.3 76.9

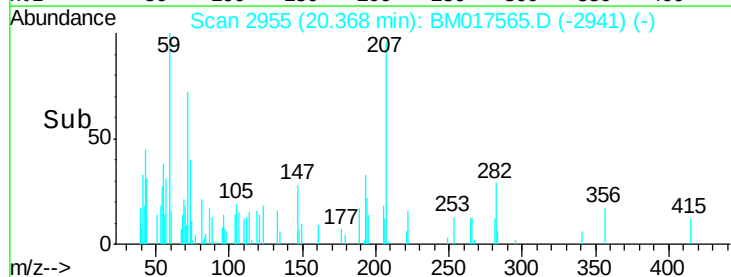
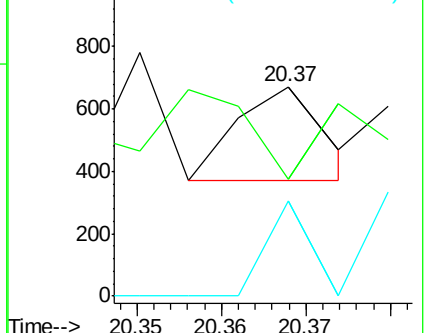
206 45.4 18.0 27.0#

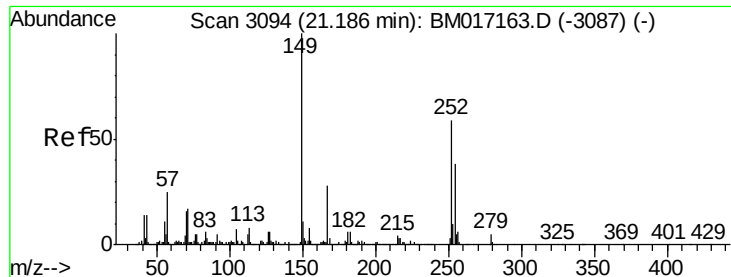


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

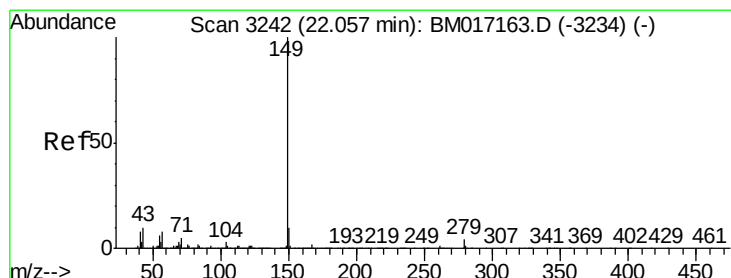
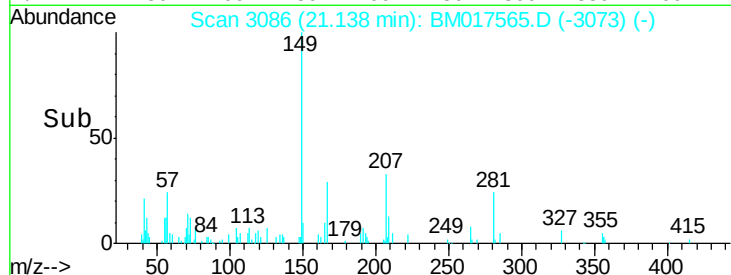
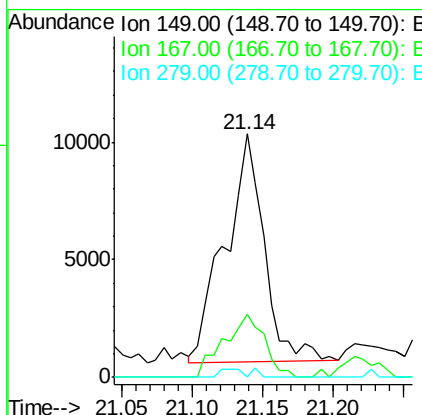
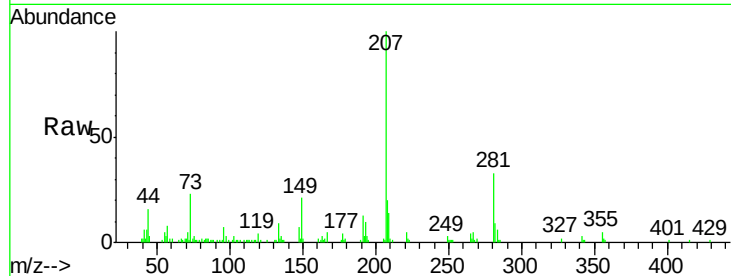




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.62 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.02 min
 Lab File: BM017565.D
 Acq: 07 Nov 2018 18:12

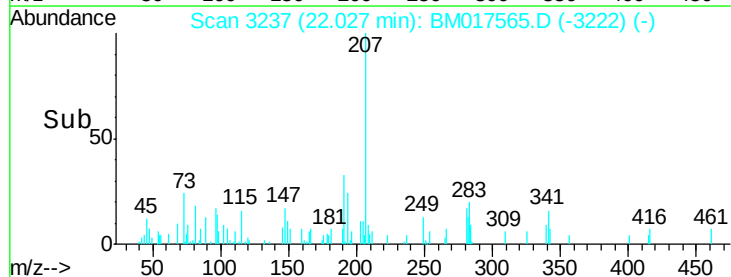
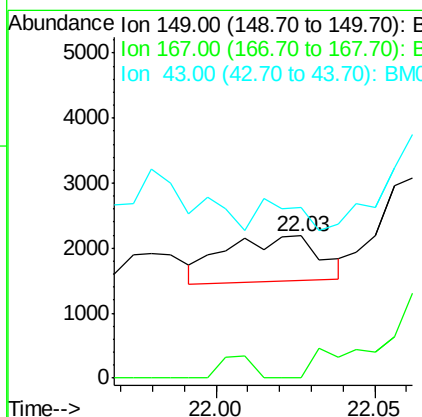
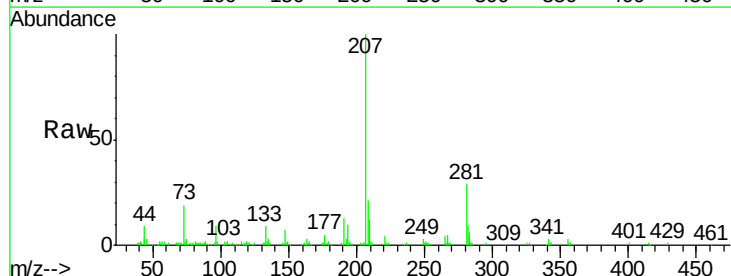
Instrument :
 BNA_M
 ClientSampleId :

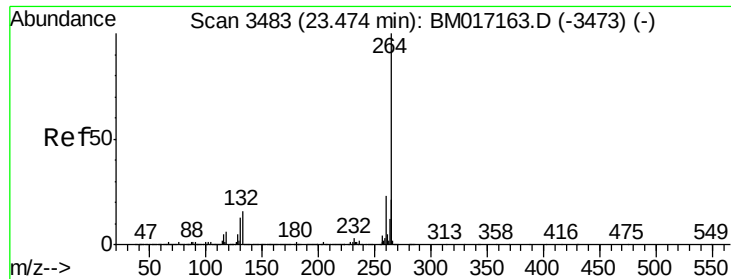
Tot Ion:149 Resp: 18568
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.2 33.4
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 5.59 ng
 RT: 22.03 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BM017565.D
 Acq: 07 Nov 2018 18:12

Tgt Ion:149 Resp: 1468
 Ion Ratio Lower Upper
 149 100
 167 15.7 1.4 2.0#
 43 28.7 7.2 10.8#

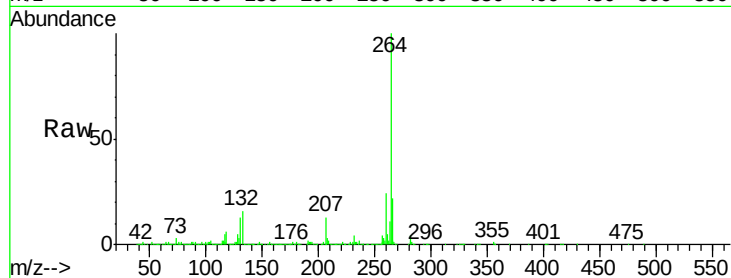




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 3473
 Delta R.T. -0.04 min
 Lab File: BM017565.D
 Acq: 07 Nov 2018 18:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1857854
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 22.2 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

