

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018565.D
 Acq On : 15 Jan 2019 17:41
 Operator : JU/SJ
 Sample : K1139-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-1

Quant Time: Jan 16 00:06:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

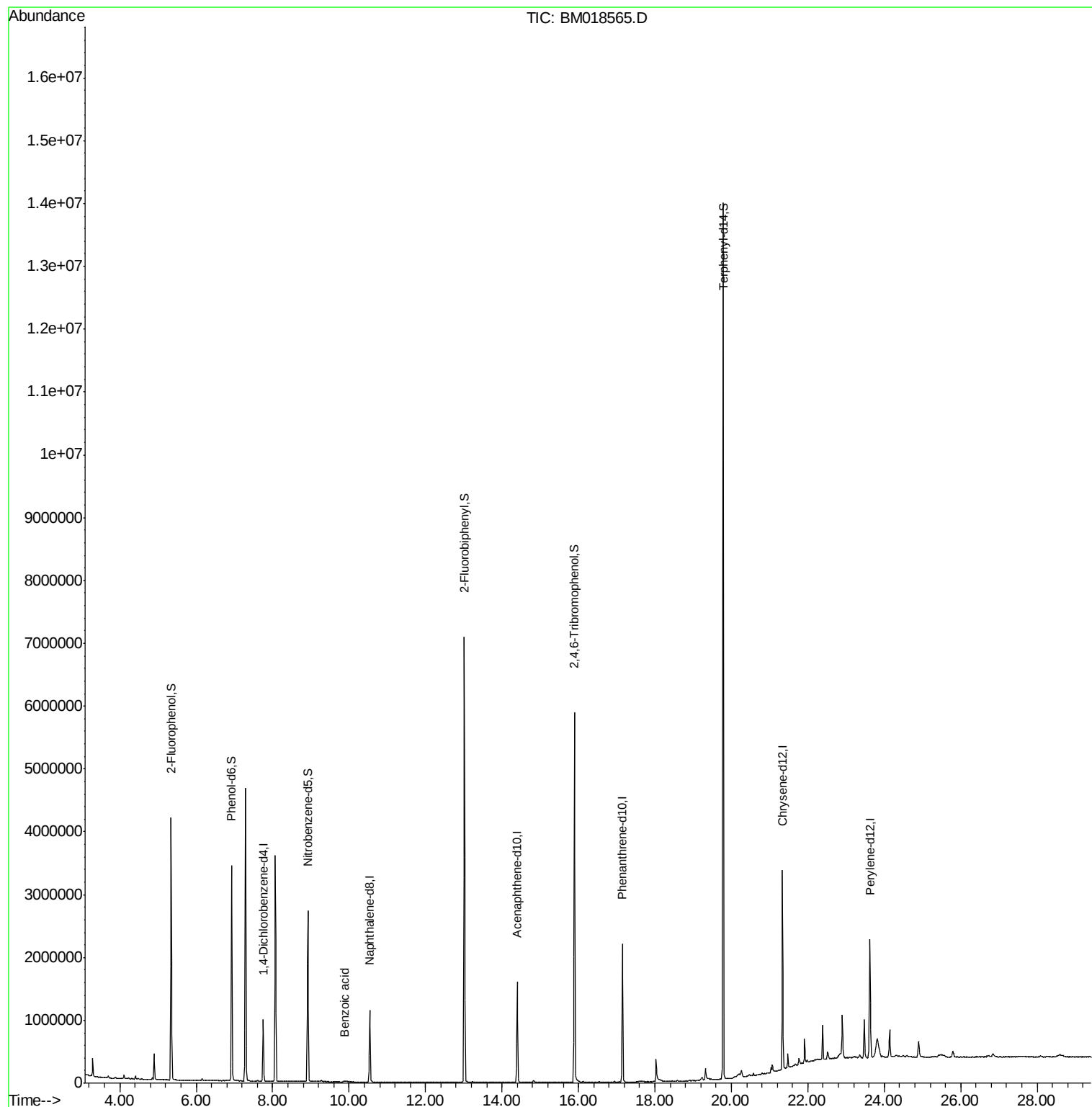
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	258581	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	974181	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	540813	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1270586	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1416875	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1395625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1708947	122.03	ng	0.00
7) Phenol-d6	6.93	99	1869228	105.09	ng	0.00
23) Nitrobenzene-d5	8.92	82	1522694	90.61	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1066936	154.94	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3638058	87.78	ng	0.00
79) Terphenyl-d14	19.79	244	6472013	96.29	ng	0.00
Target Compounds						
32) Benzoic acid	9.88	122	1920	6.708	ng	Qvalue # 80

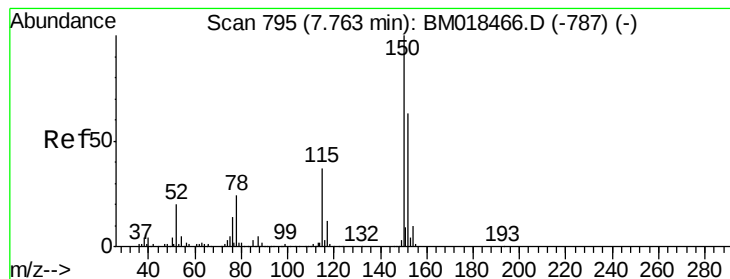
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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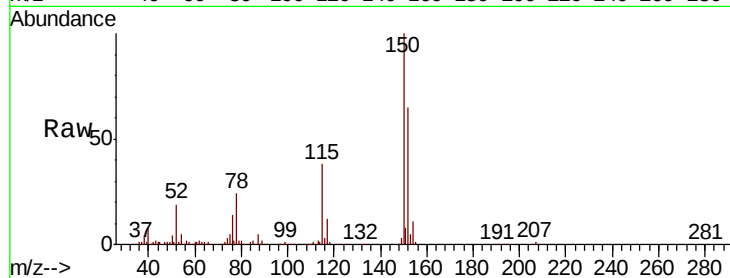


#1

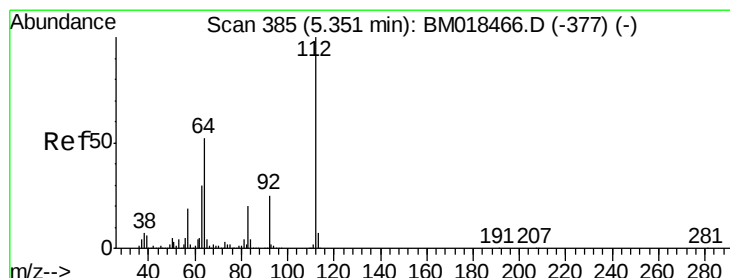
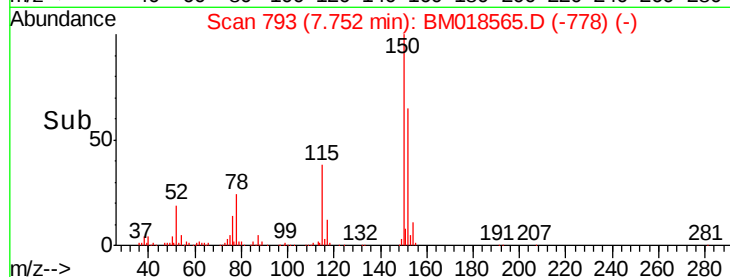
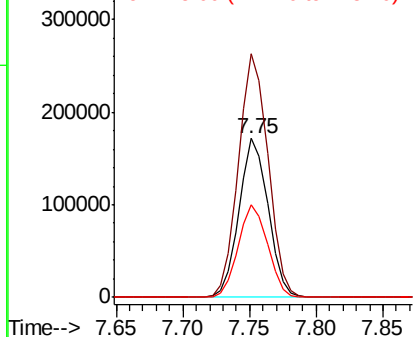
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.9	190.3
115	58.7	45.5	68.3



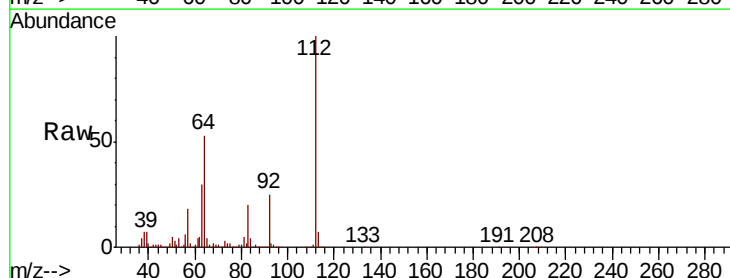
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



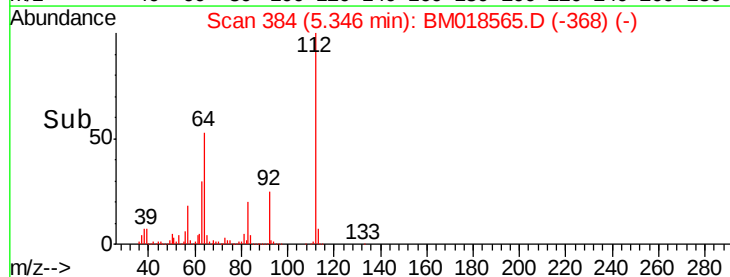
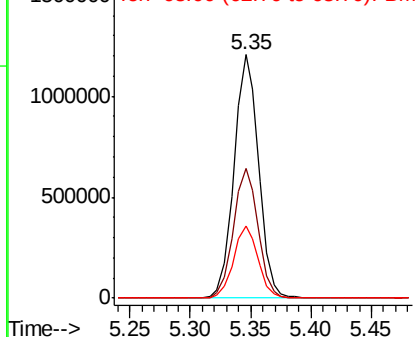
#5

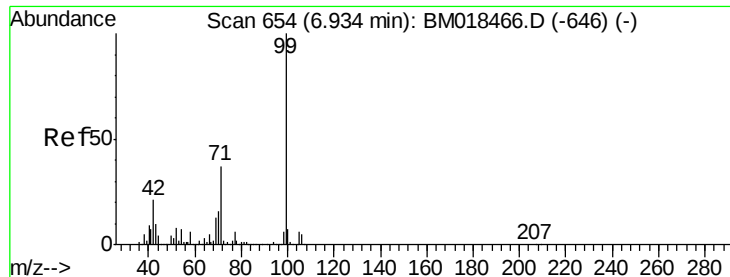
2-Fluorophenol
Concen: 122.034 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.7	25.2	37.8



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: 105.092 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018565.D

Acq: 15 Jan 2019 17:41

Instrument :

BNA_M

ClientSampleId :

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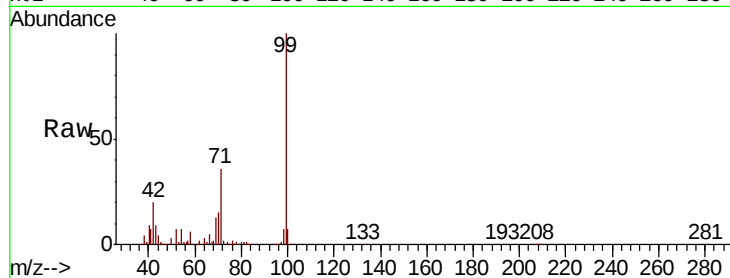
Tgt Ion: 99 Resp: 1869228

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

6.93

1500000

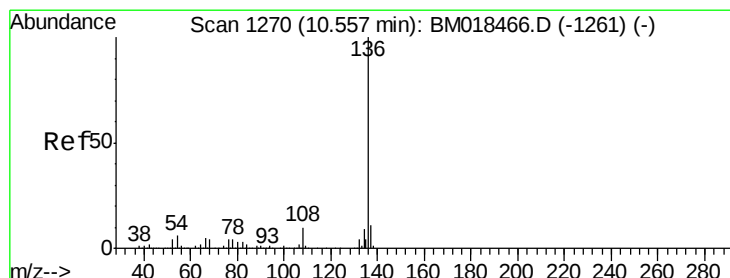
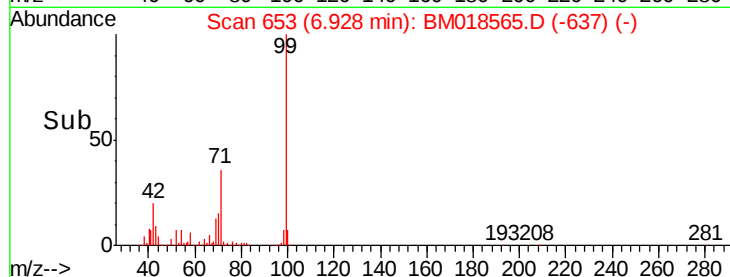
1000000

500000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018565.D

Acq: 15 Jan 2019 17:41

Tgt Ion: 136 Resp: 974181

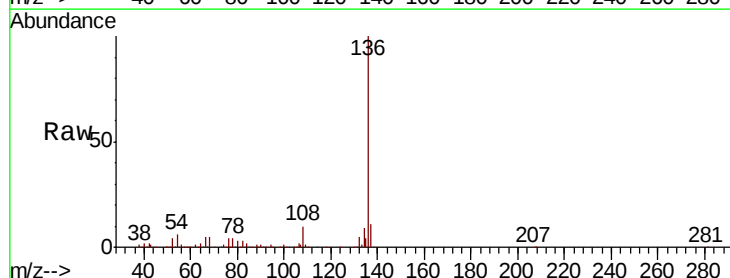
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 6.0 9.0

68 4.6 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

10.55

800000

600000

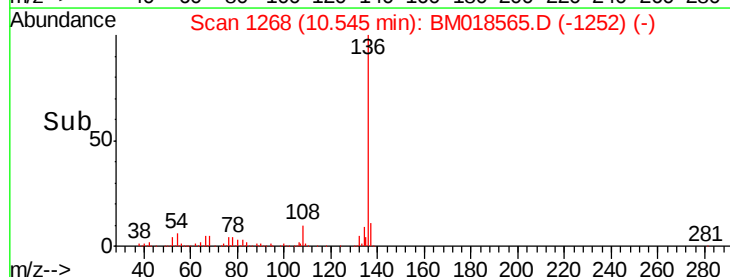
400000

200000

0

10.50 10.60

Time-->





#23

Nitrobenzene-d5

Concen: 90.612 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018565.D

Acq: 15 Jan 2019 17:41

Instrument :

BNA_M

ClientSampleId :

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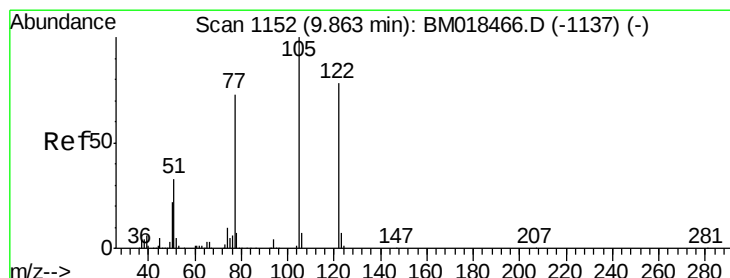
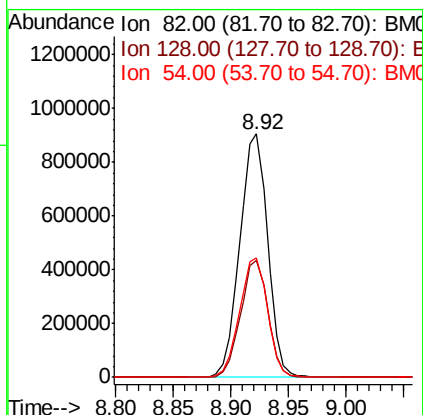
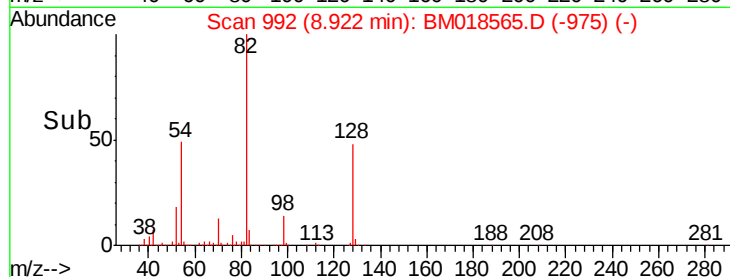
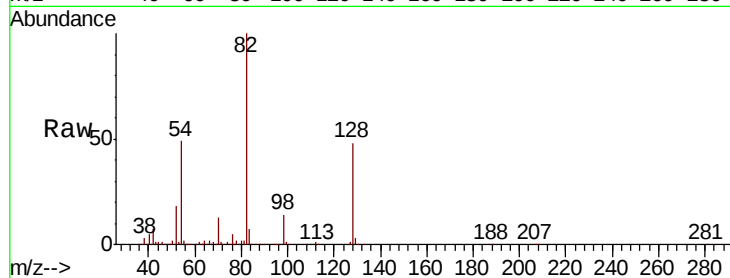
Tgt Ion: 82 Resp: 1522694

Ion Ratio Lower Upper

82 100

128 47.8 36.3 54.5

54 49.1 41.7 62.5



#32

Benzoic acid

Concen: 6.708 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BM018565.D

Acq: 15 Jan 2019 17:41

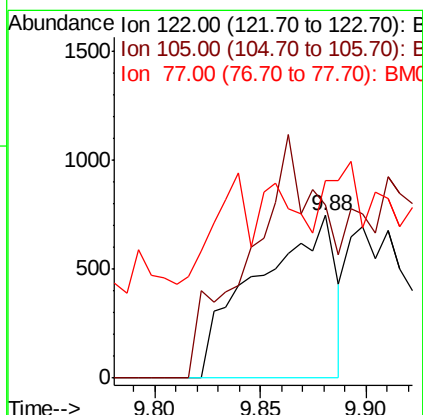
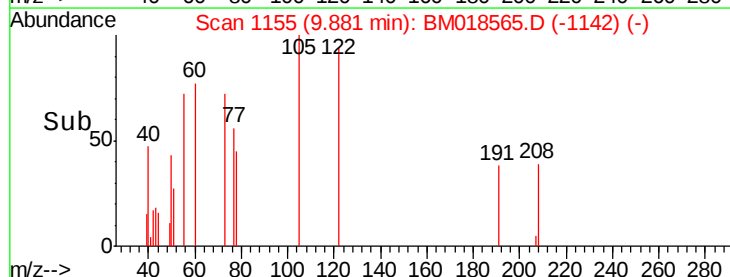
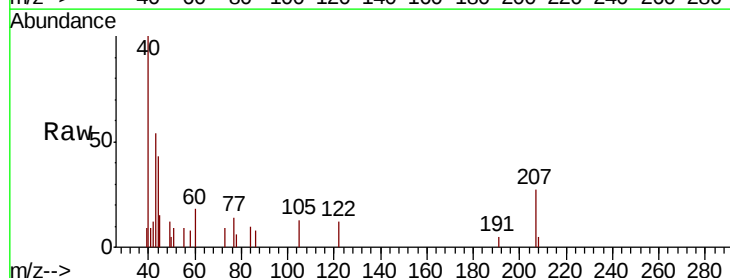
Tgt Ion: 122 Resp: 1920

Ion Ratio Lower Upper

122 100

105 106.8 100.4 140.4

77 121.2 71.7 111.7#

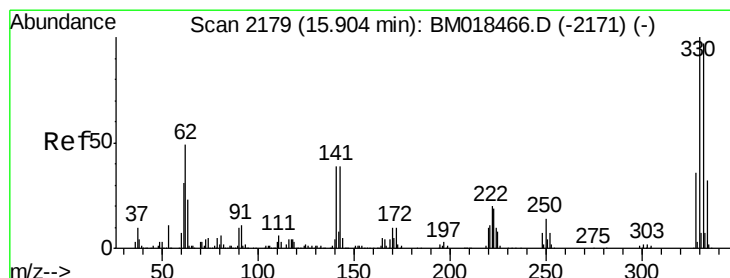
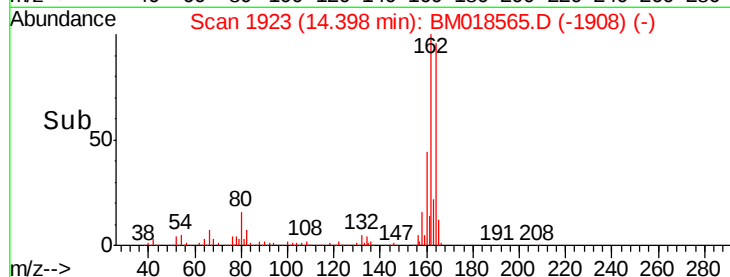
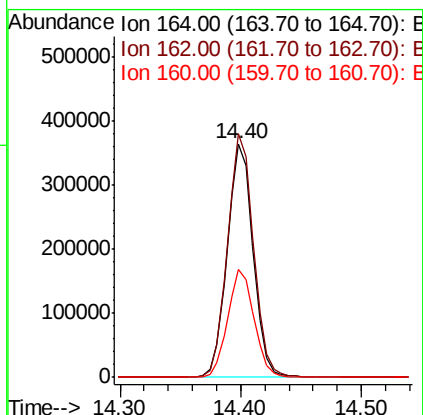
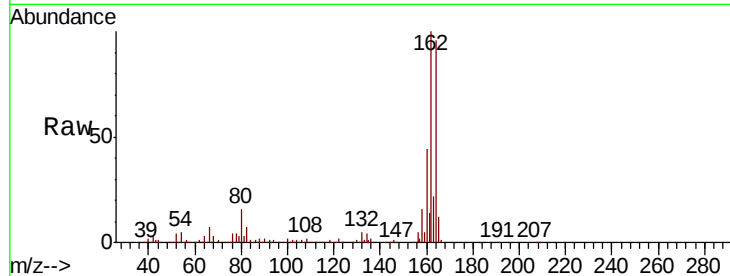




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

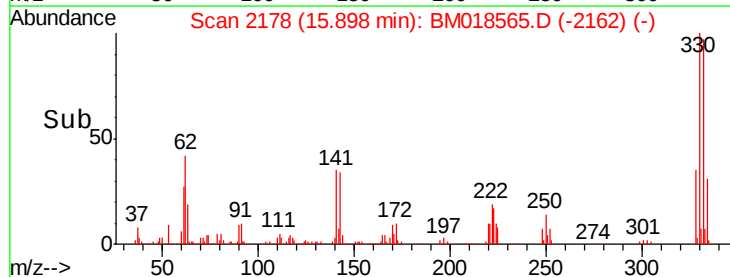
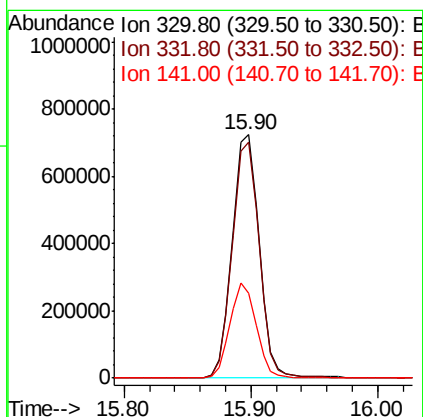
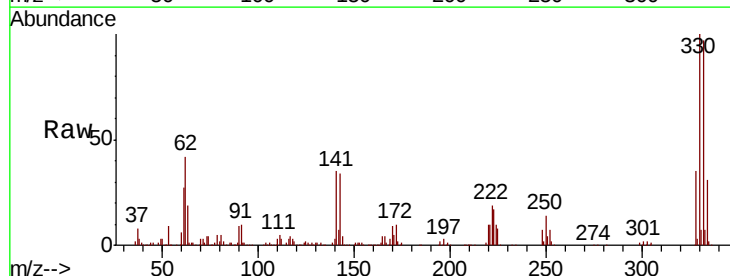
Instrument :
BNA_M
ClientSampled :
S-1

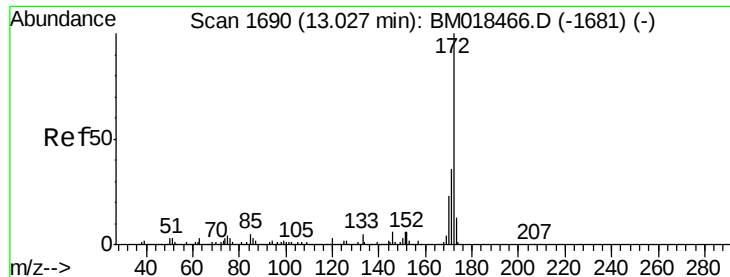
Tgt Ion:164 Resp: 540813
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 46.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 154.941 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

Tgt Ion:330 Resp: 1066936
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 38.4 31.7 47.5

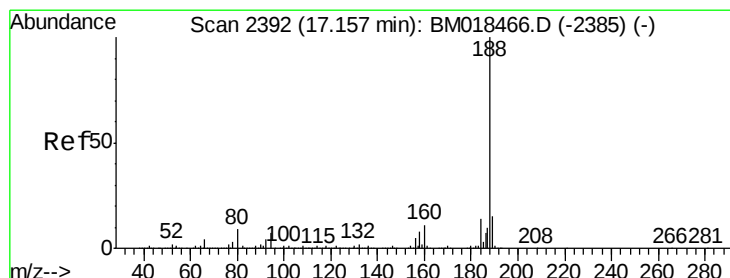
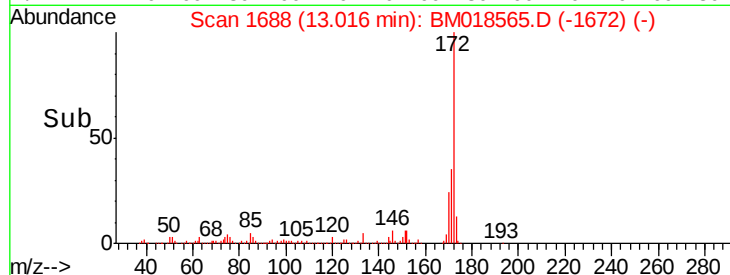
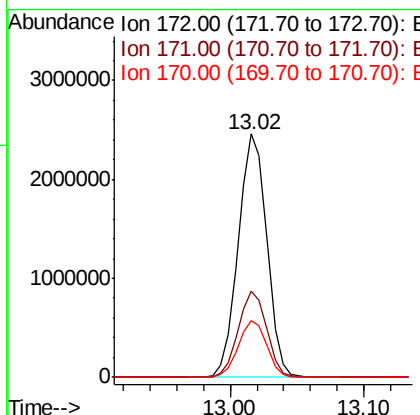
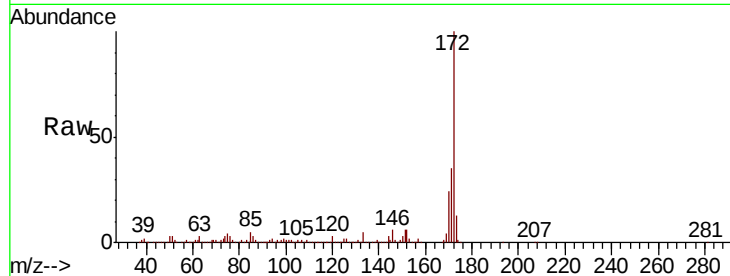




#45
 2-Fluorobiphenyl
 Concen: 87.778 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018565.D
 Acq: 15 Jan 2019 17:41

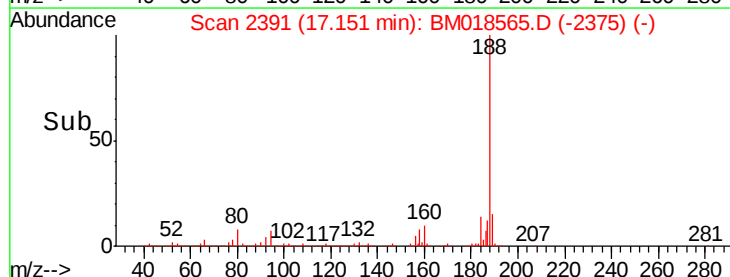
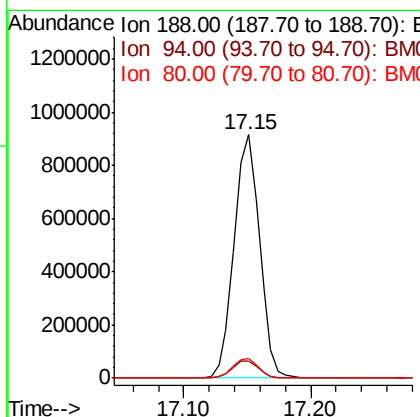
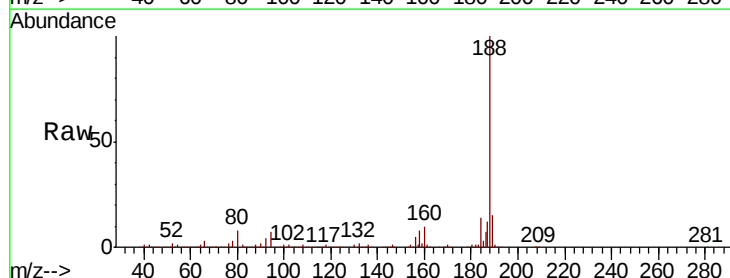
Instrument :
 BNA_M
 ClientSampleId :
 S-1

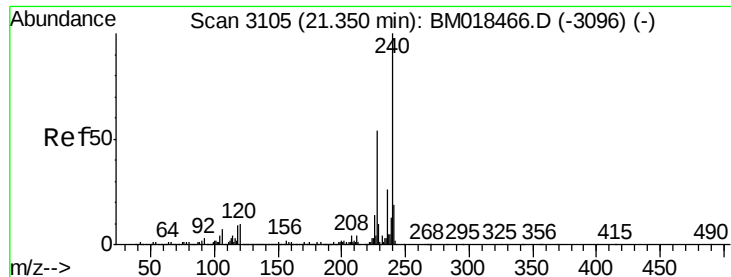
Tgt Ion:172 Resp: 3638058
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.6 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.15 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM018565.D
 Acq: 15 Jan 2019 17:41

Tgt Ion:188 Resp: 1270586
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.1 10.7
 80 7.8 7.6 11.4

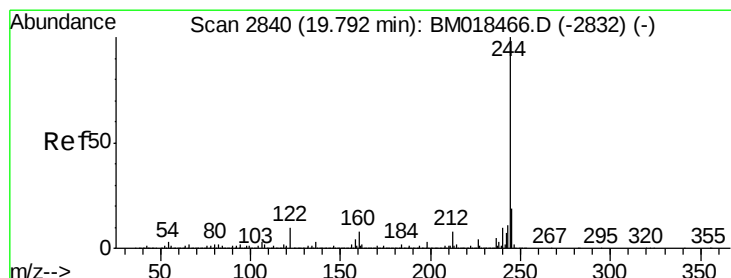
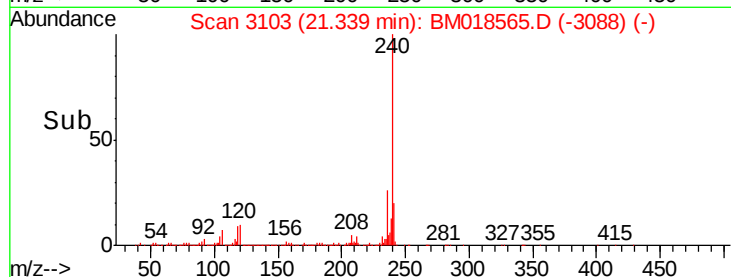
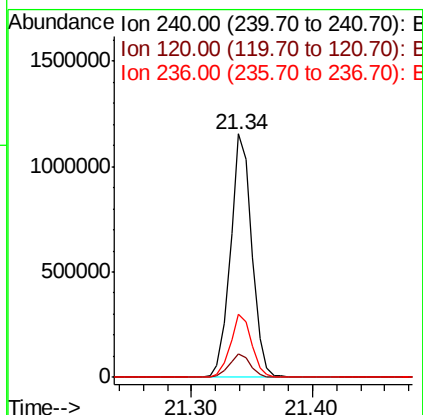
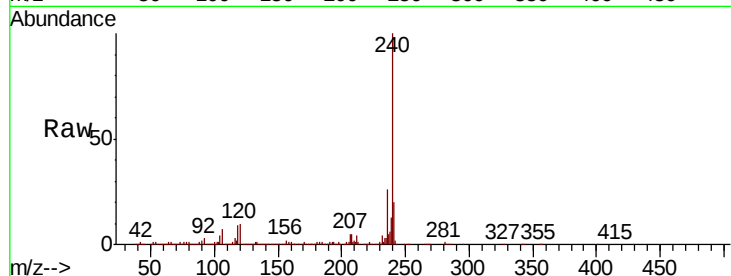




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

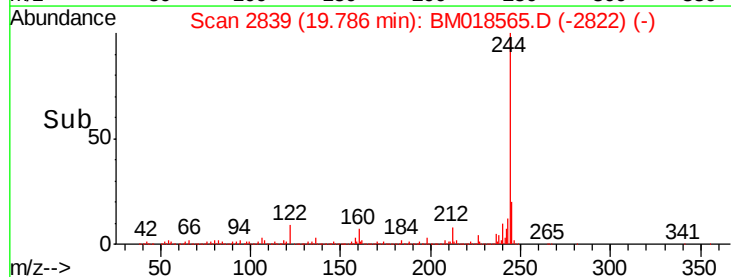
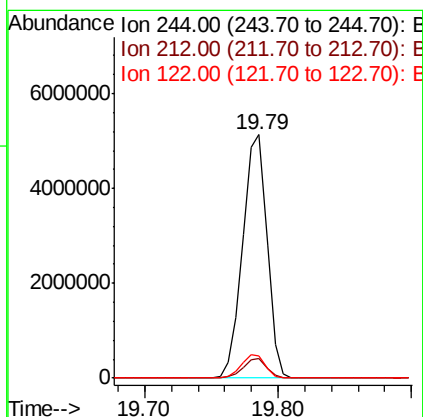
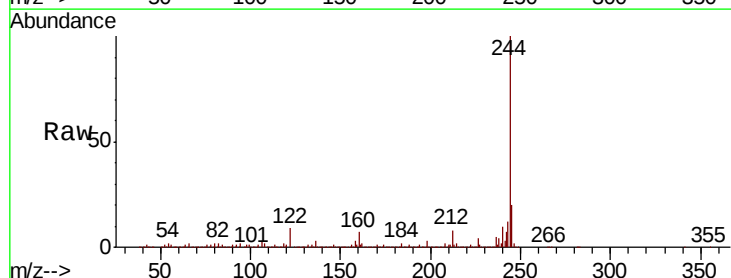
Instrument :
BNA_M
ClientSampleId :
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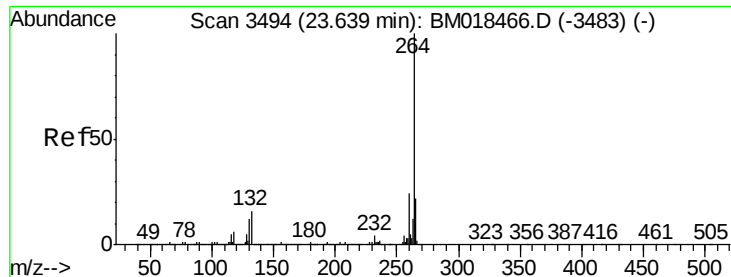
Tgt Ion:240 Resp: 1416875
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.1 20.7 31.1



#79
Terphenyl-d14
Concen: 96.291 ng
RT: 19.79 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

Tgt Ion:244 Resp: 6472013
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.0 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM018565.D
Acq: 15 Jan 2019 17:41

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 1395625

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.4	16.8	25.2

