

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018559.D
 Acq On : 14 Jan 2019 19:47
 Operator : JU/SJ
 Sample : K1131-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:31:02 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

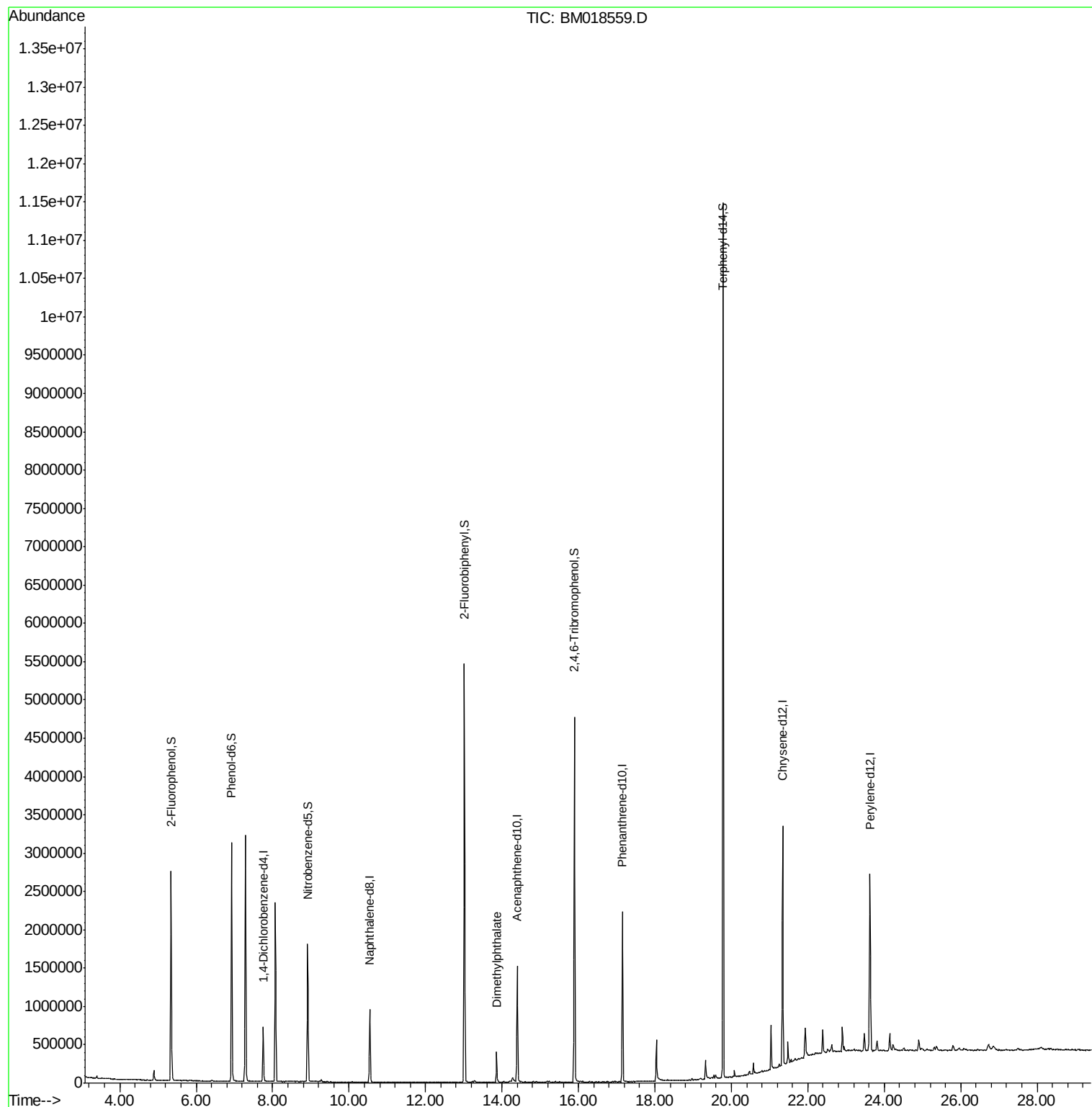
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	189495	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	814418	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	513875	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1276009	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1518736	20.00	ng	0.00
87) Perylene-d12	23.63	264	1682698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1234345	120.28	ng	0.00
7) Phenol-d6	6.93	99	1685961	129.35	ng	0.00
23) Nitrobenzene-d5	8.92	82	1001859	71.31	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	843932	128.98	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	2777577	70.53	ng	0.00
79) Terphenyl-d14	19.78	244	5141073	71.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	289	Below Cal	Qvalue #	1
50) Dimethylphthalate	13.86	163	281763	6.676 ng		99

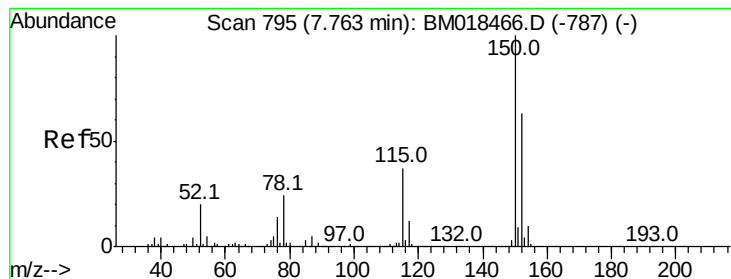
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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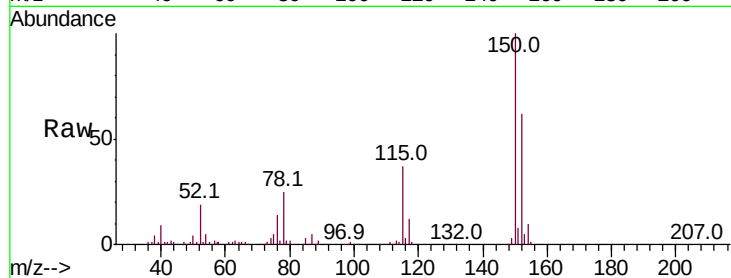


#1

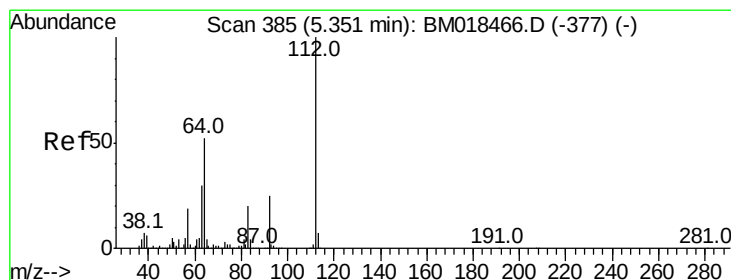
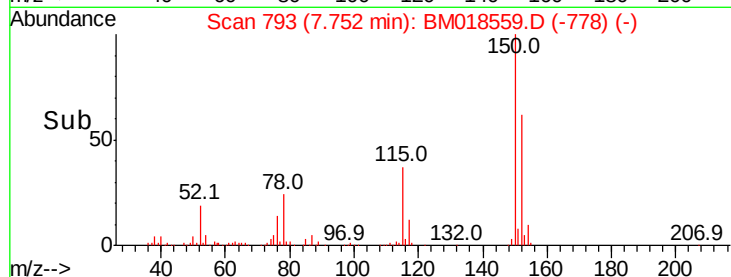
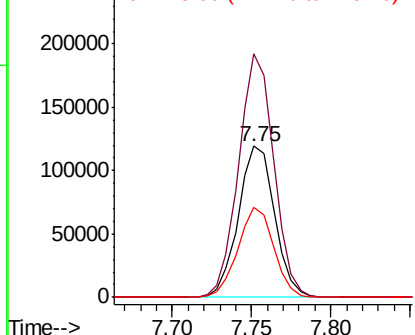
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 189495
Ion Ratio Lower Upper
152 100
150 161.3 126.9 190.3
115 59.9 45.5 68.3



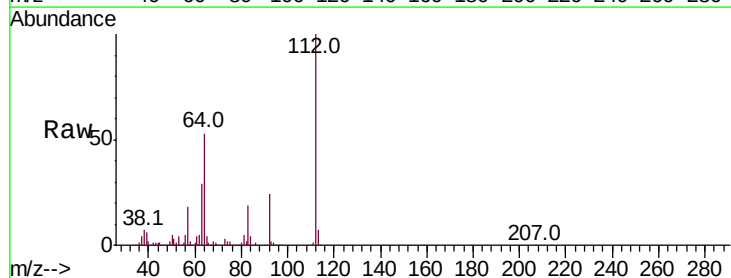
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



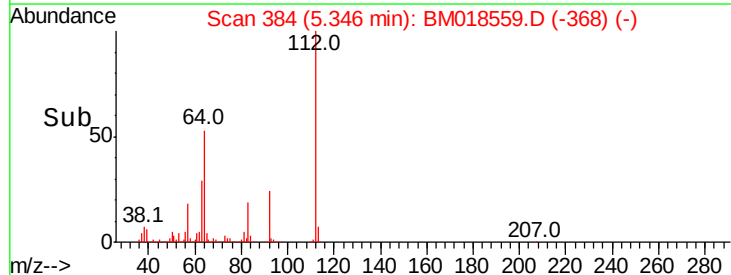
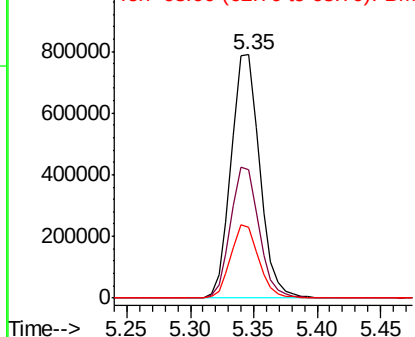
#5

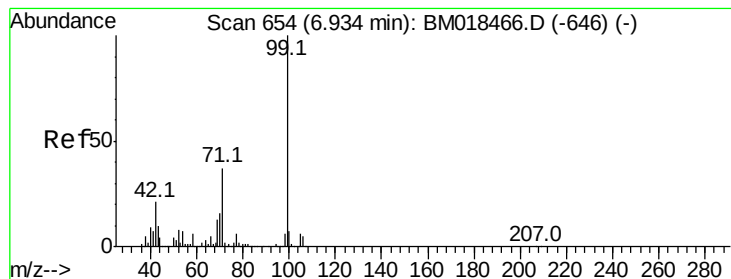
2-Fluorophenol
Concen: 120.278 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

Tgt Ion:112 Resp: 1234345
Ion Ratio Lower Upper
112 100
64 52.9 46.5 69.7
63 29.2 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: 129.346 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

Instrument :

BNA_M

ClientSampled :

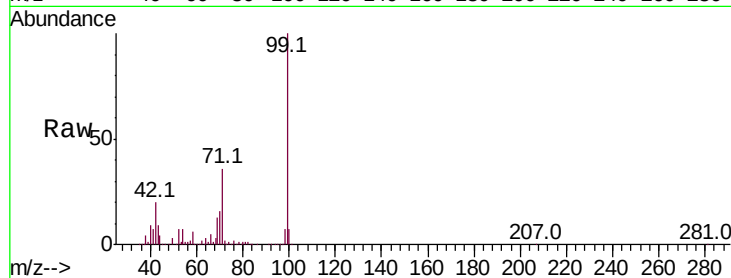
Tot Ion: 99 Resp: 1685961

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

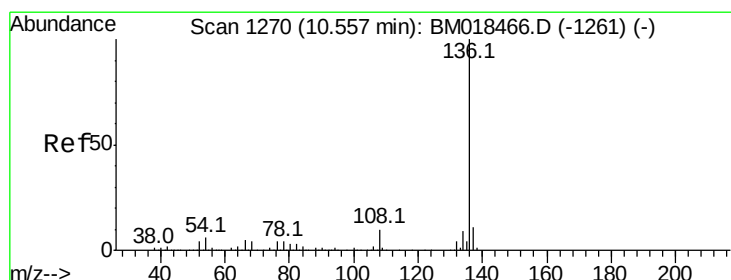
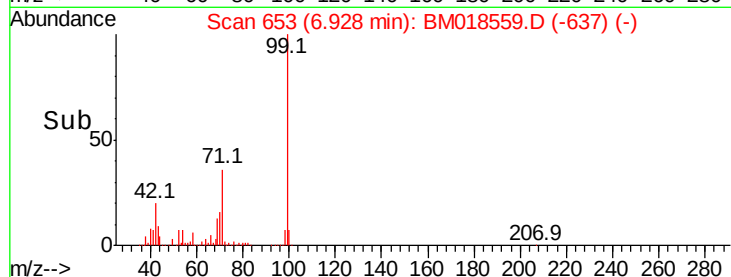
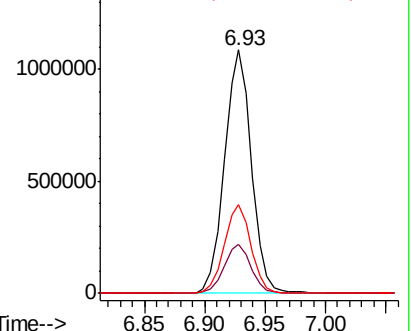
71 36.5 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

Tgt Ion: 136 Resp: 814418

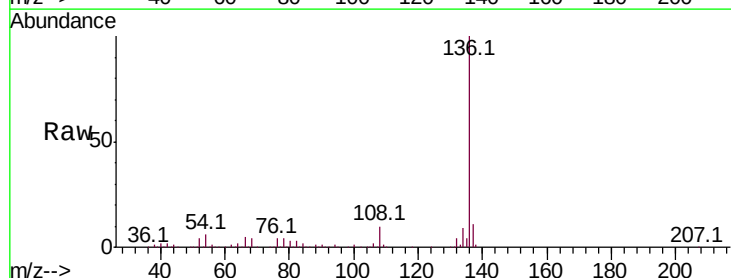
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 6.0 9.0

68 4.3 4.5 6.7#

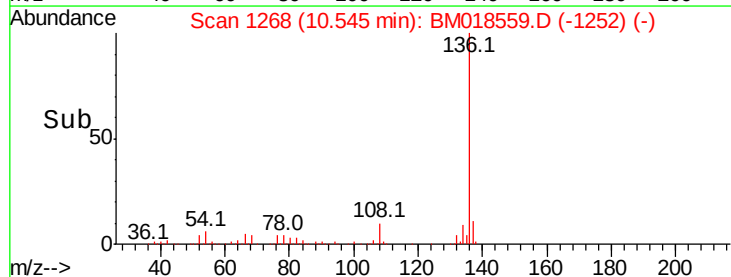
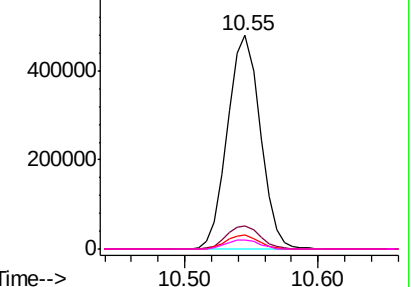


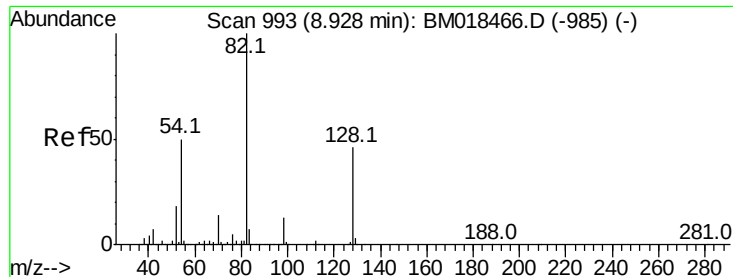
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

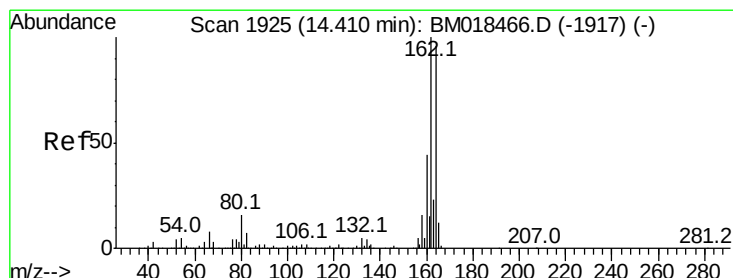
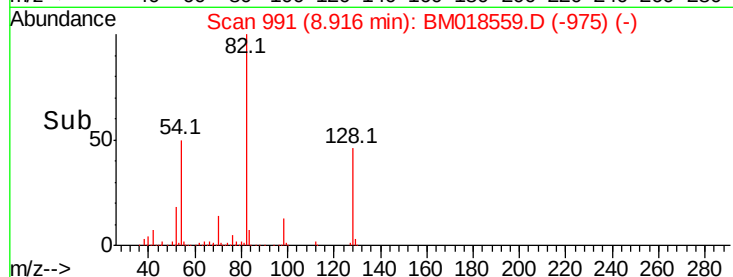
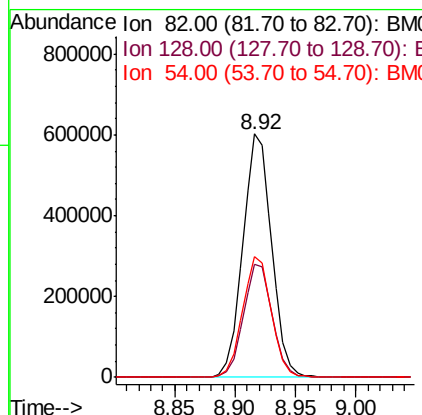
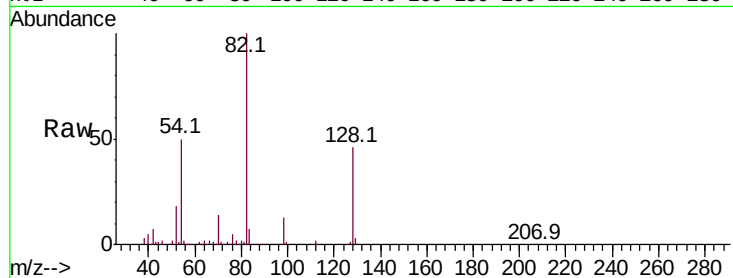




#23
Nitrobenzene-d5
Concen: 71.313 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

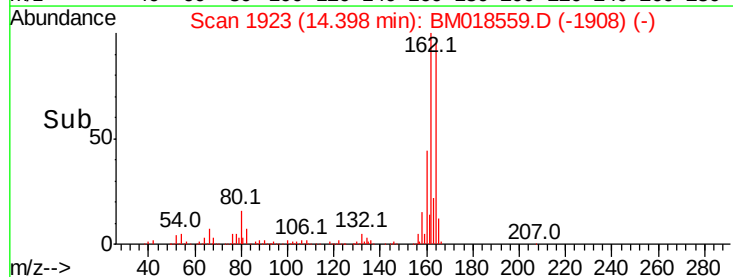
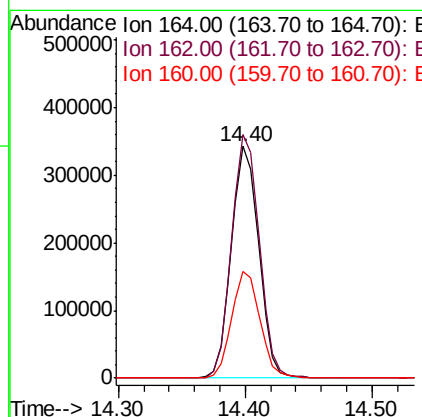
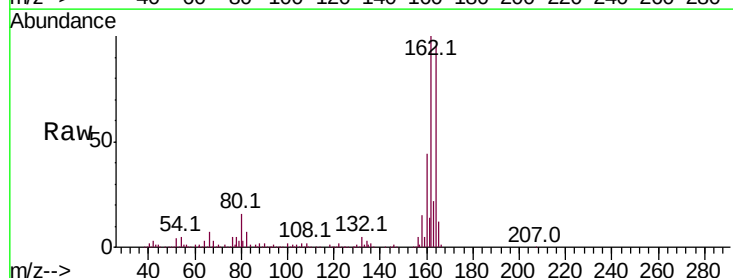
Instrument :
BNA_M
ClientSampleId :

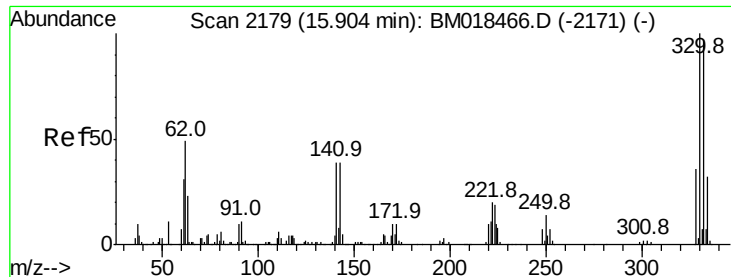
Tot Ion: 82 Resp: 1001859
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 49.5 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

Tgt Ion:164 Resp: 513875
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.4
160 46.1 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 128.981 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

Instrument :

BNA_M

ClientSampleId :

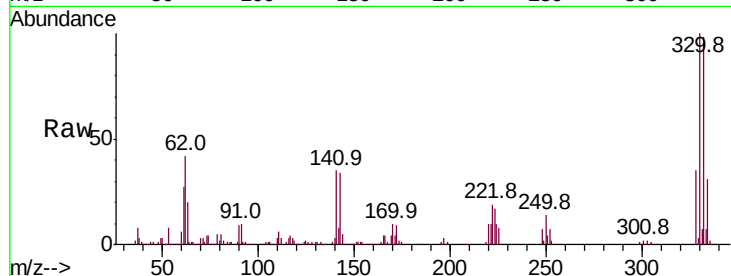
Tot Ion:330 Resp: 843932

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

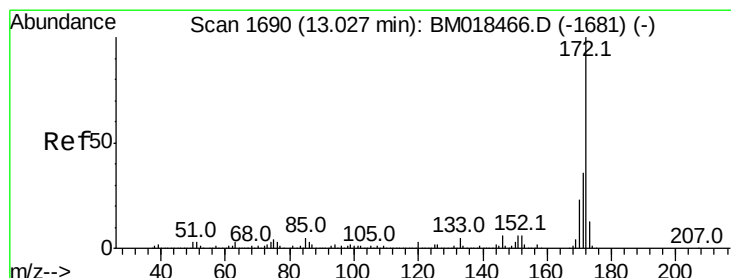
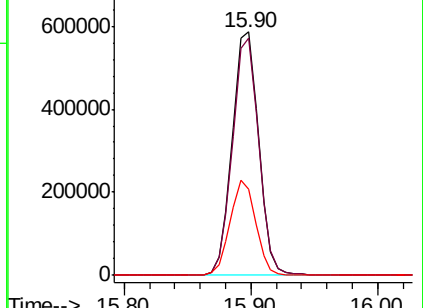
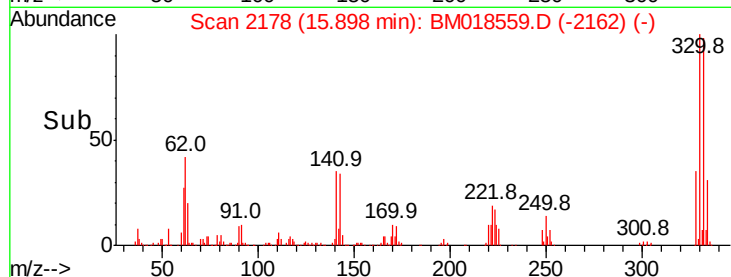
141 38.2 31.7 47.5



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: 70.530 ng

RT: 13.02 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

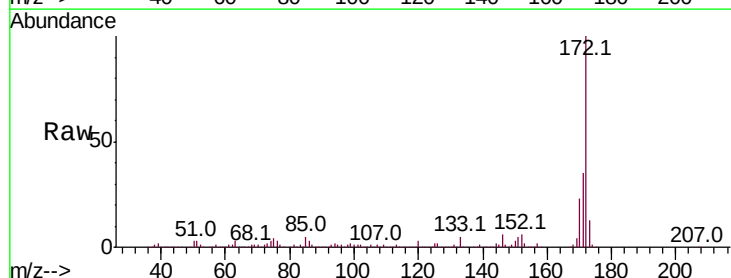
Tgt Ion:172 Resp: 2777577

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

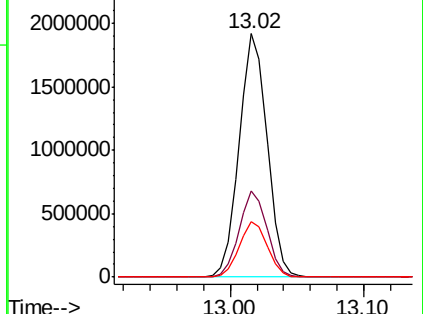
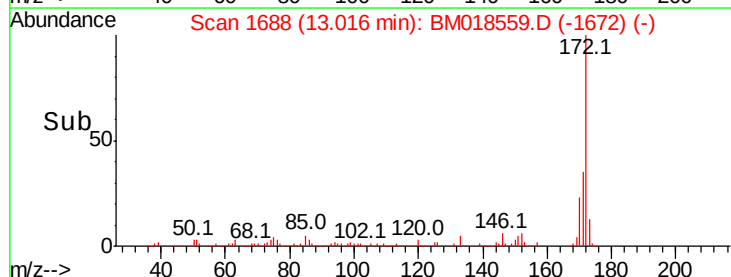
170 22.9 18.9 28.3

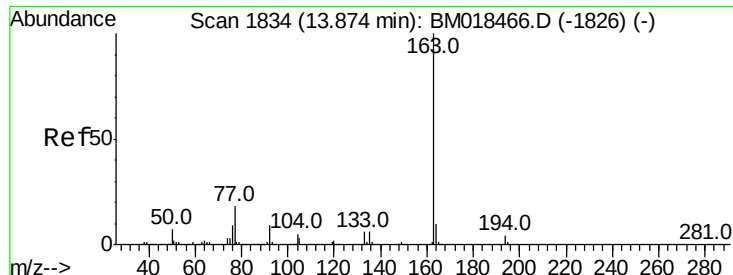


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

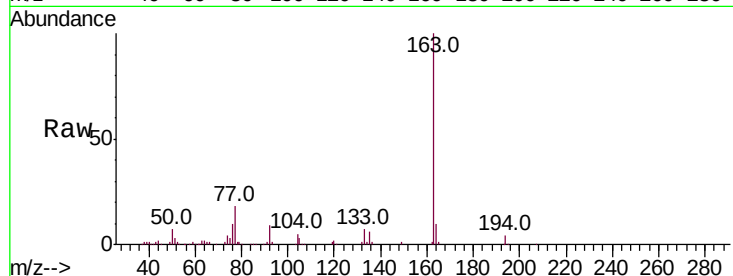




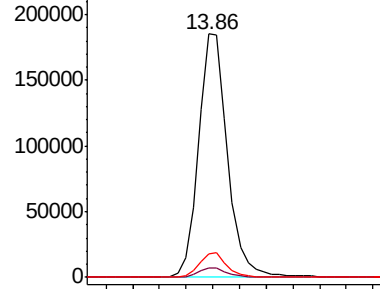
#50
Dimethylphthalate
Concen: 6.676 ng
RT: 13.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

Instrument :
BNA_M
ClientSampled :

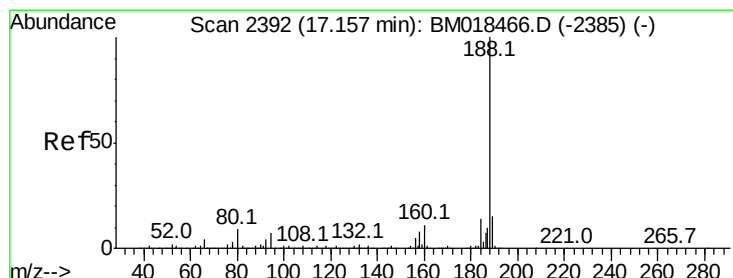
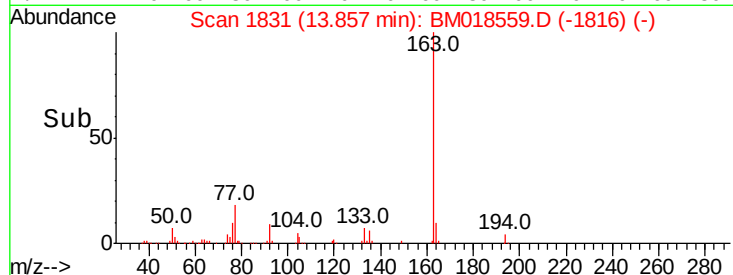
Tot Ion:163 Resp: 281763
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
250000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

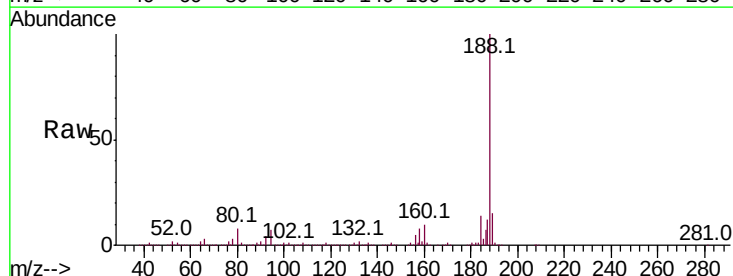


Time-->

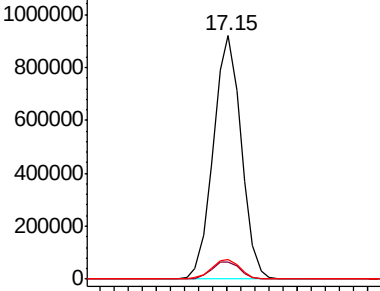


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

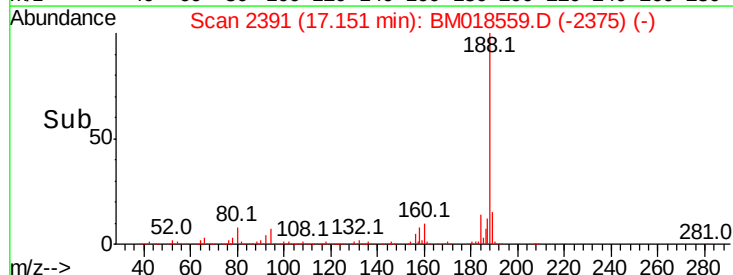
Tgt Ion:188 Resp: 1276009
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 8.0 7.6 11.4

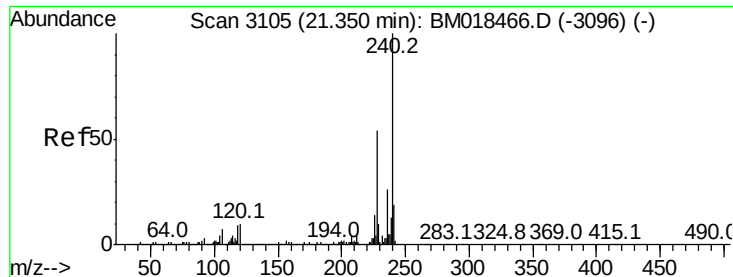


Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

Instrument :

BNA_M

ClientSampleId :

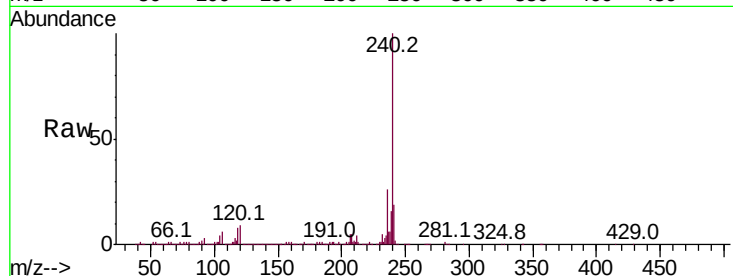
Tot Ion:240 Resp: 1518736

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.5	20.7	31.1

240 100

120 9.3 8.4 12.6

236 25.5 20.7 31.1

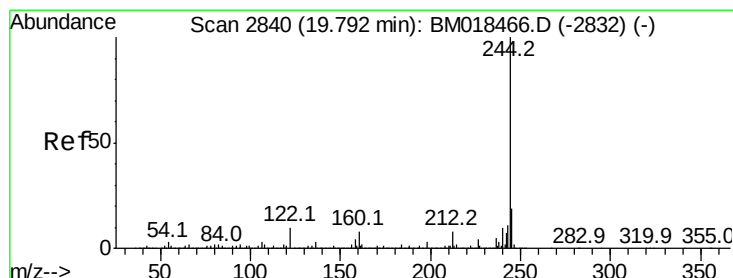
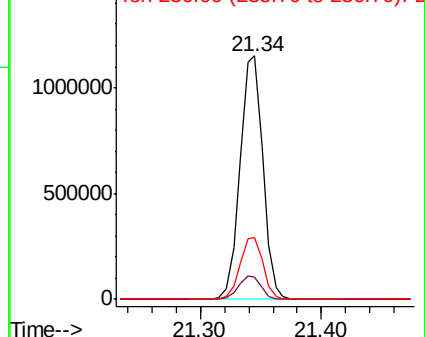
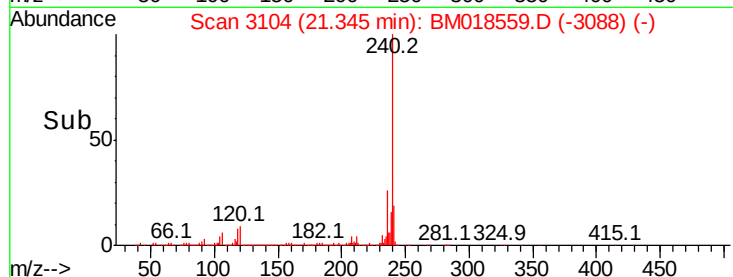


Abundance

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



#79

Terphenyl-d14

Concen: 71.359 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018559.D

Acq: 14 Jan 2019 19:47

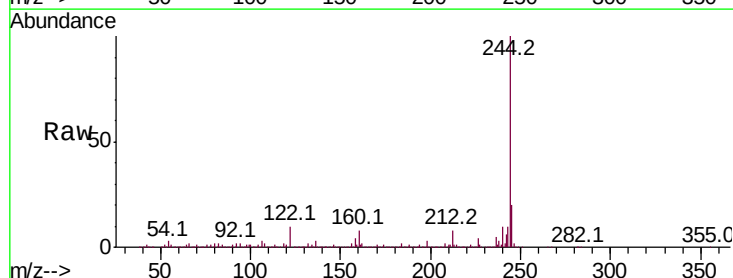
Tgt Ion:244 Resp: 5141073

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	9.0	13.4

244 100

212 7.7 5.9 8.9

122 10.1 9.0 13.4

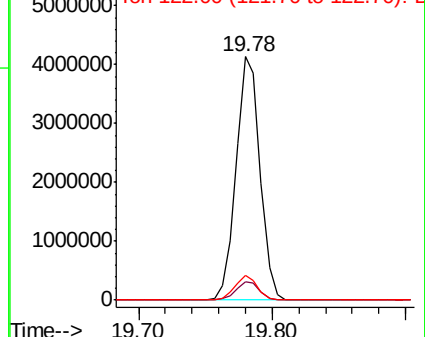
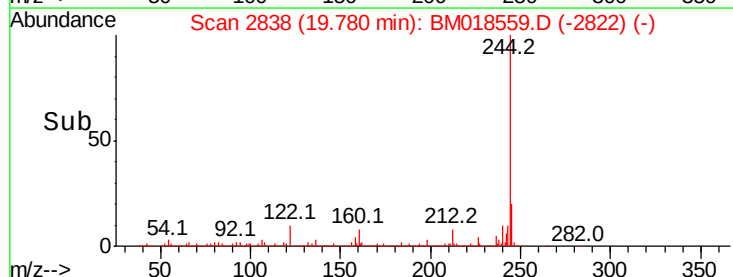


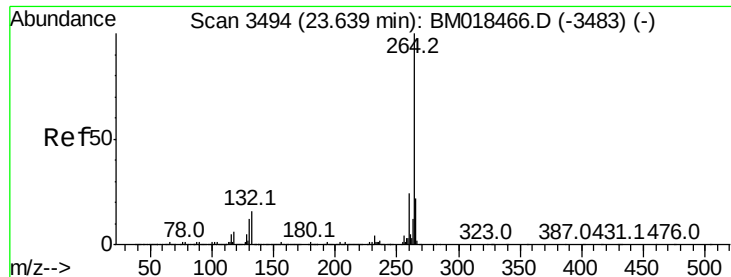
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018559.D
Acq: 14 Jan 2019 19:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 264 Resp: 1682698

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	16.8	25.2

