

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018543.D
 Acq On : 11 Jan 2019 20:21
 Operator : JU/SJ
 Sample : K1102-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 23:42:46 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

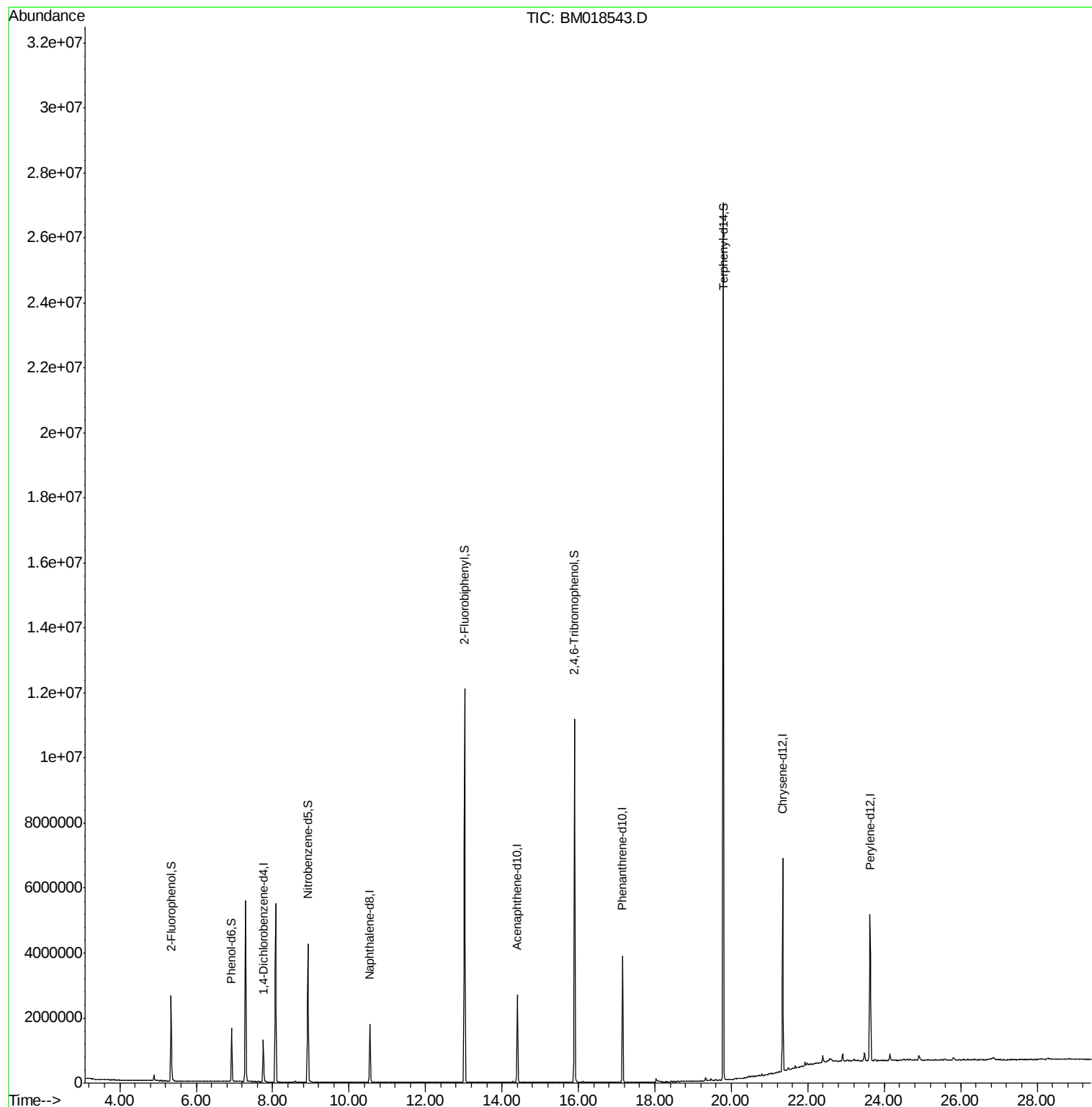
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	360138	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1496591	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	908954	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	2278031	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2897770	20.00	ng	0.00
87) Perylene-d12	23.63	264	3365393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1180912	60.55	ng	0.00
7) Phenol-d6	6.93	99	928829	37.49	ng	0.00
23) Nitrobenzene-d5	8.92	82	2339972	90.64	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1941096	167.72	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	6244599	89.65	ng	0.00
79) Terphenyl-d14	19.79	244	11441074	83.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.93	77	2443	Below Cal	Qvalue #	22

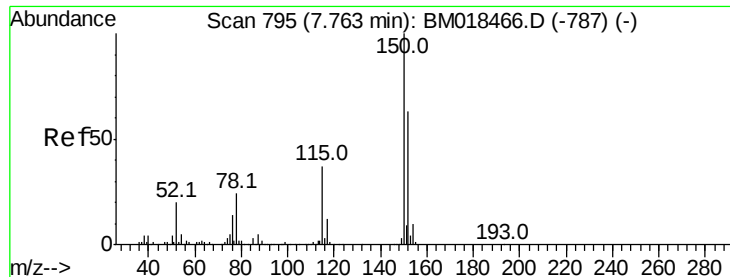
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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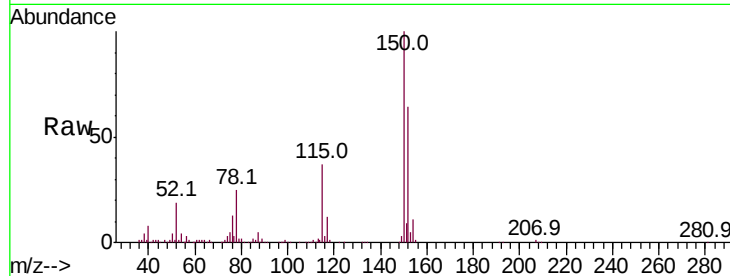


#1

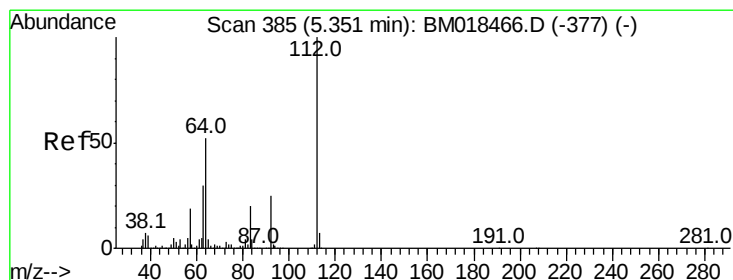
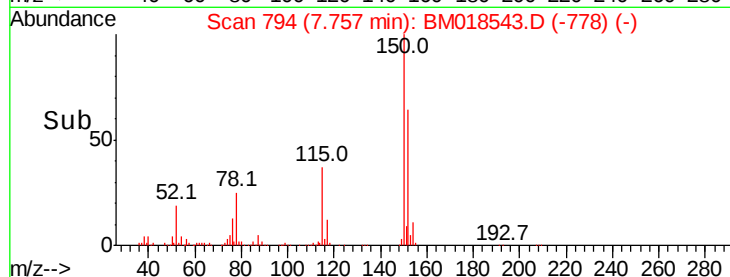
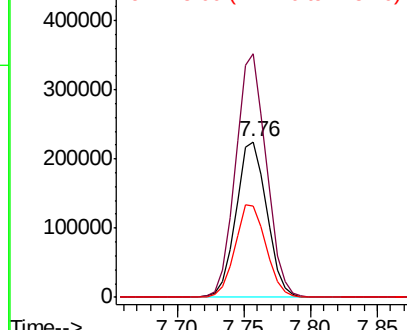
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.9	190.3
115	58.6	45.5	68.3



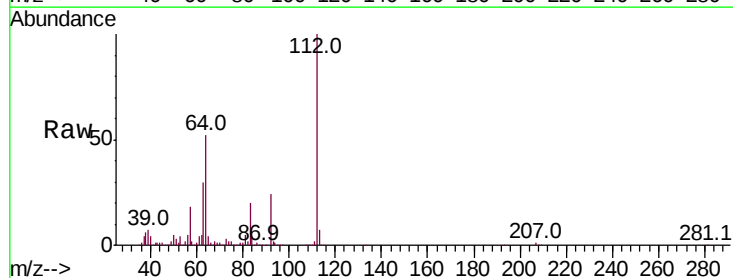
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



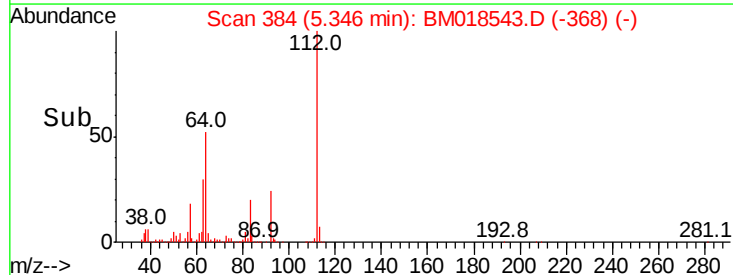
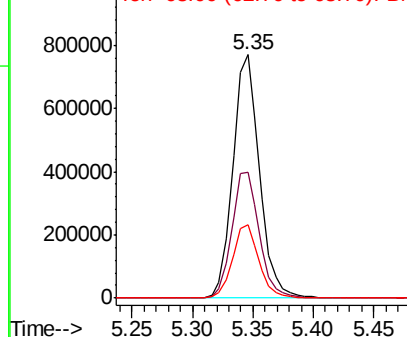
#5

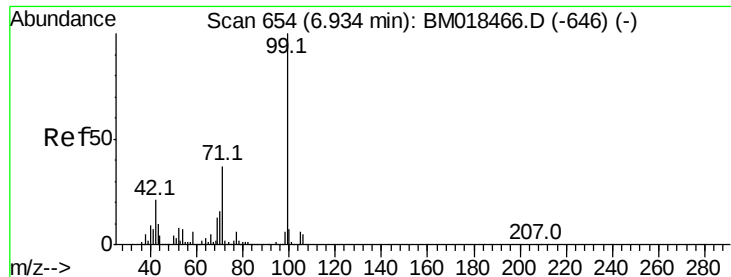
2-Fluorophenol
Concen: 60.547 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	46.5	69.7
63	29.9	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: 37.495 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018543.D

Acq: 11 Jan 2019 20:21

Instrument :

BNA_M

ClientSampleId :

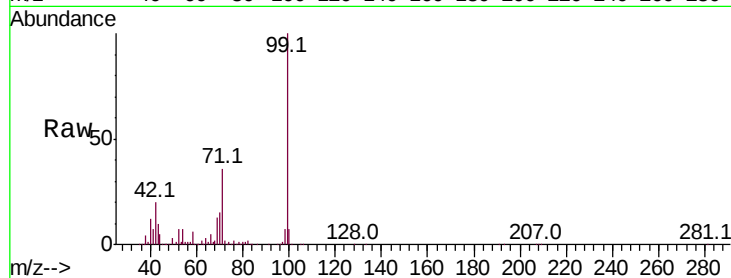
Tot Ion: 99 Resp: 928829

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

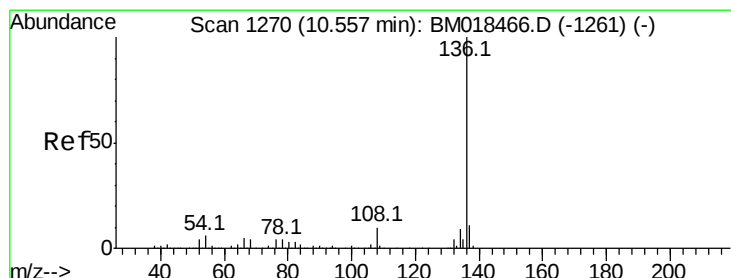
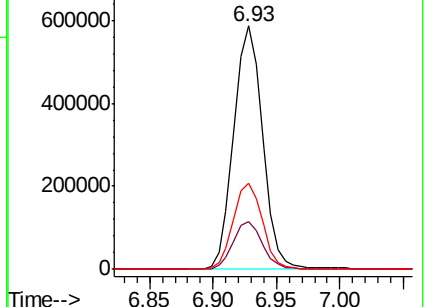
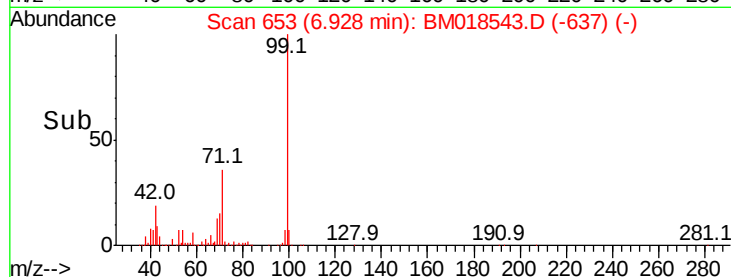
71 35.6 28.0 42.0



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: BM018543.D

Acq: 11 Jan 2019 20:21

Tgt Ion: 136 Resp: 1496591

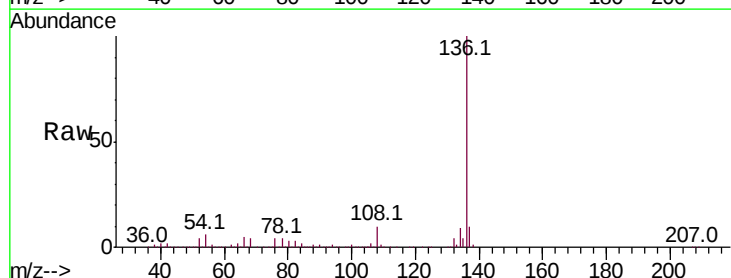
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 6.0 9.0

68 4.3 4.5 6.7#

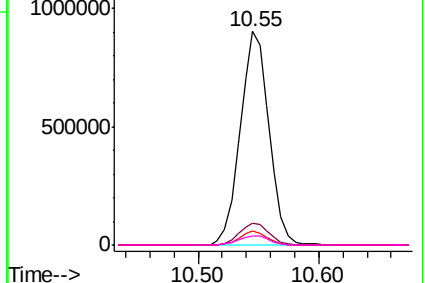
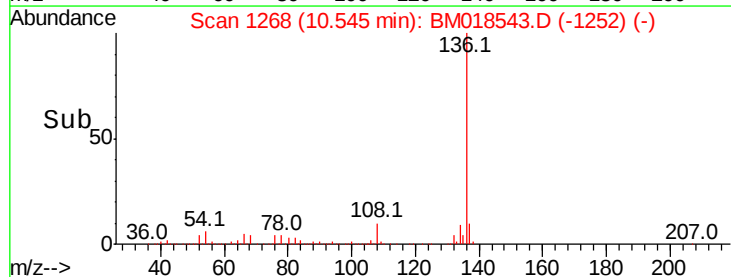


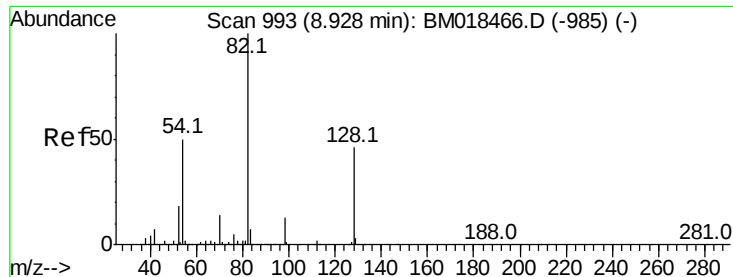
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

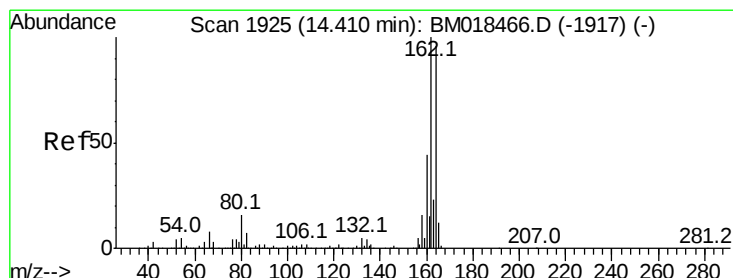
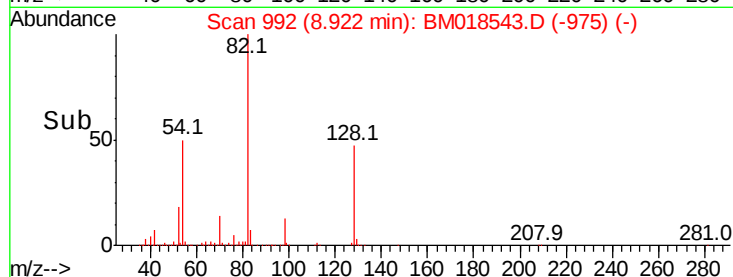
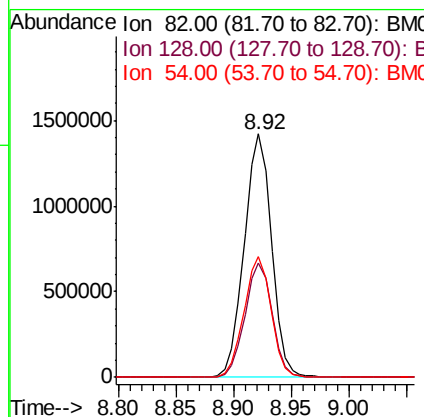
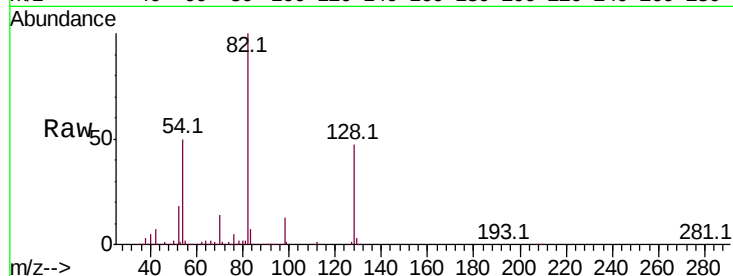




#23
Nitrobenzene-d5
Concen: 90.640 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

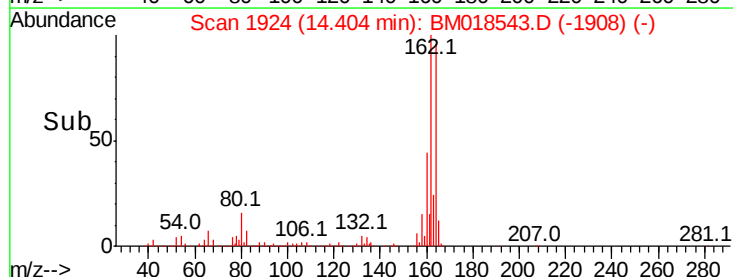
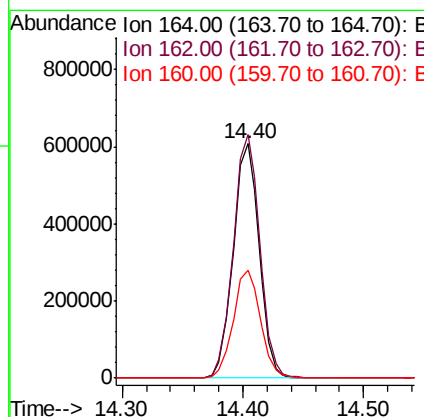
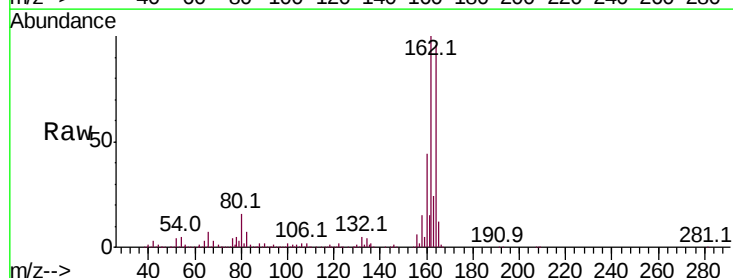
Instrument :
BNA_M
ClientSampleId :

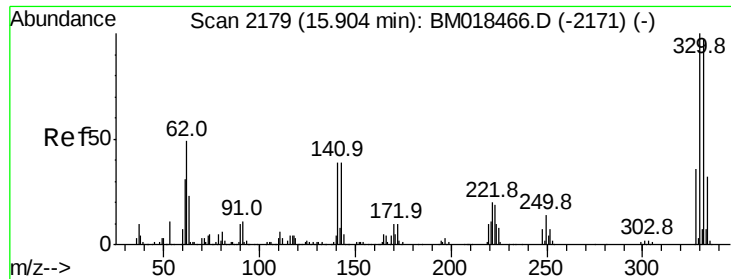
Tot Ion: 82 Resp: 2339972
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 49.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

Tgt Ion:164 Resp: 908954
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 46.1 37.1 55.7

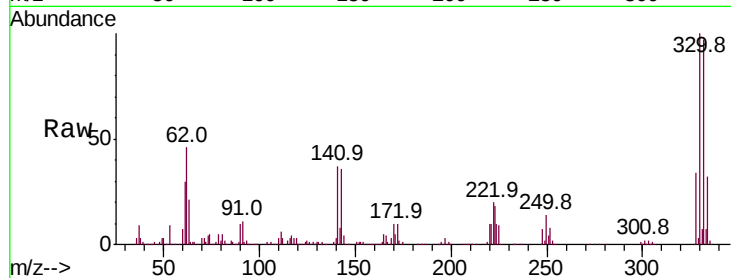




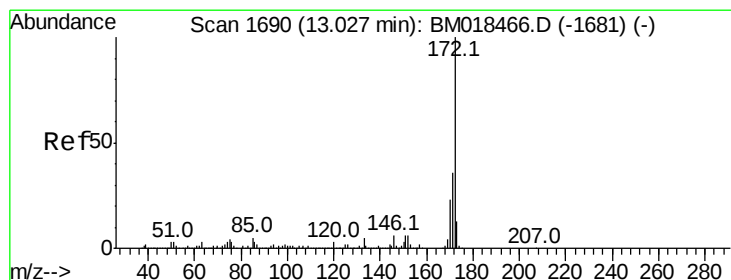
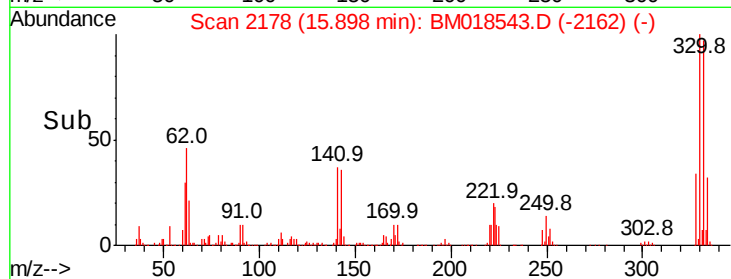
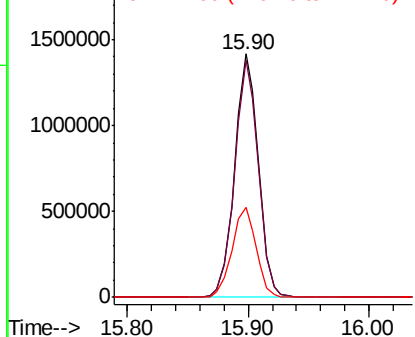
#42
 2,4,6-Tribromophenol
 Concen: 167.719 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018543.D
 Acq: 11 Jan 2019 20:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1941096
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 37.8 31.7 47.5

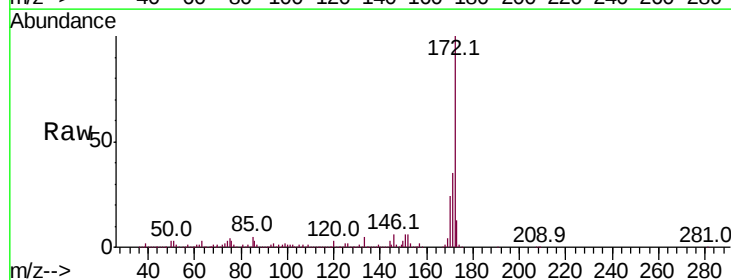


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

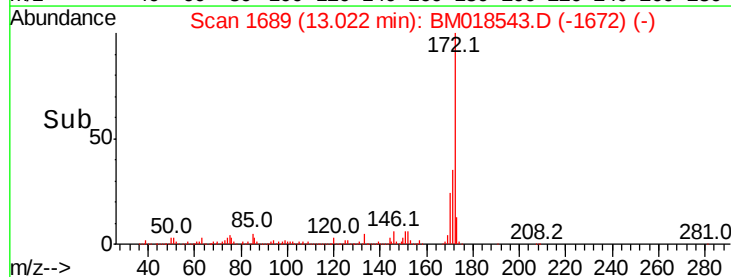
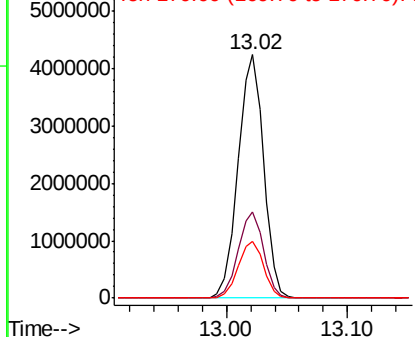


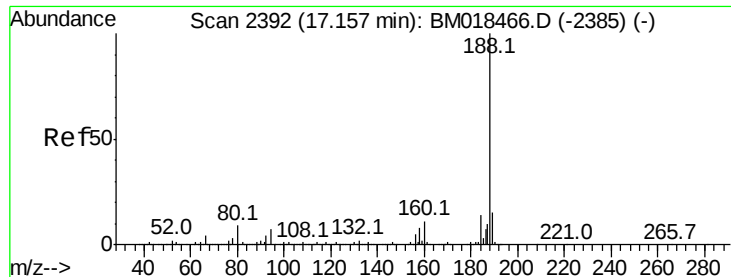
#45
 2-Fluorobiphenyl
 Concen: 89.645 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018543.D
 Acq: 11 Jan 2019 20:21

Tgt Ion:172 Resp: 6244599
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.4
 170 23.5 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

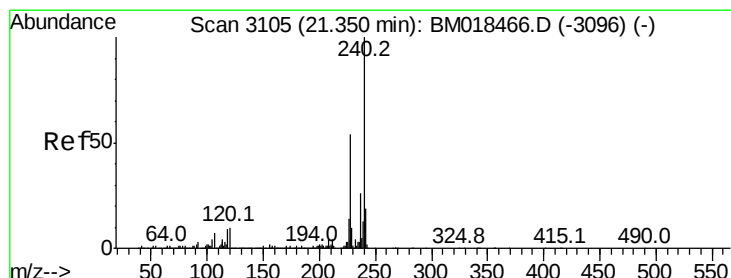
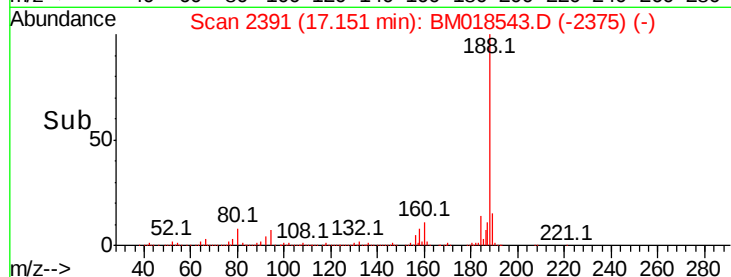
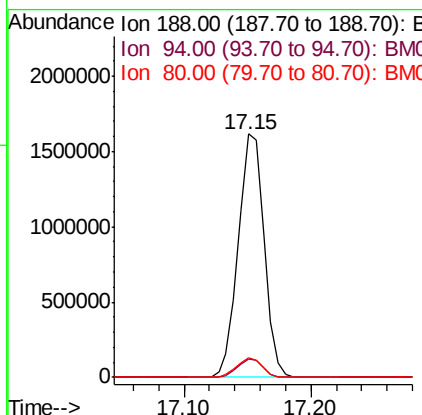
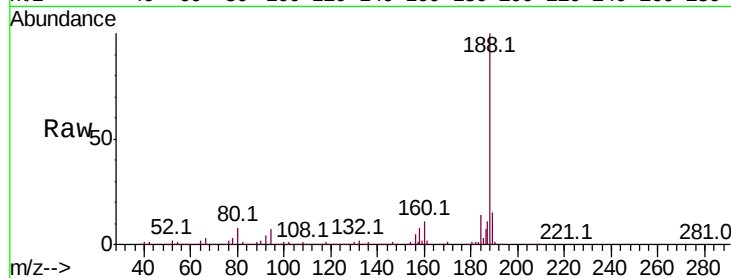




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

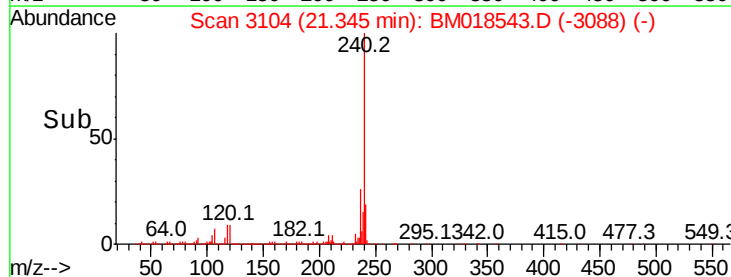
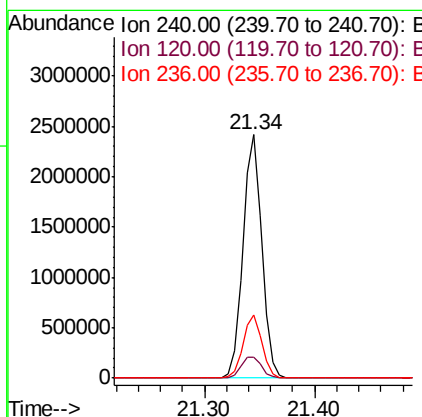
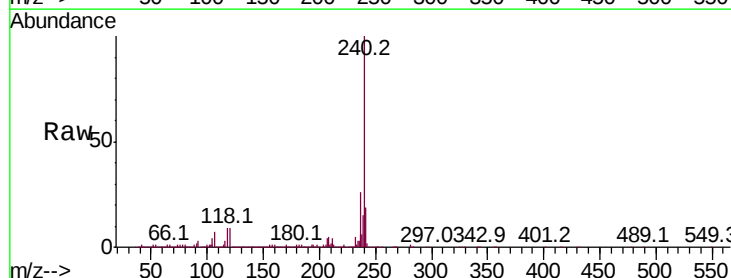
Instrument :
BNA_M
ClientSampleId :

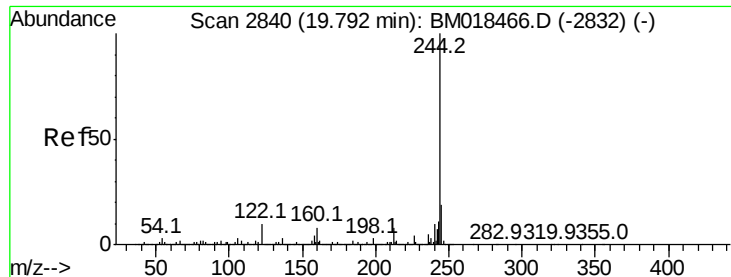
Tot Ion:188 Resp: 2278031
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018543.D
Acq: 11 Jan 2019 20:21

Tgt Ion:240 Resp: 2897770
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 83.230 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018543.D

Acq: 11 Jan 2019 20:21

Instrument :

BNA_M

ClientSampleId :

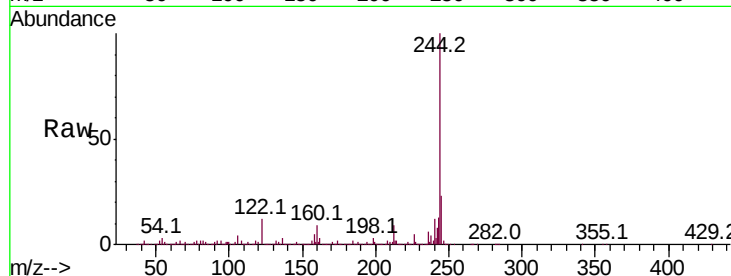
Tot Ion:244 Resp:11441074

Ion Ratio Lower Upper

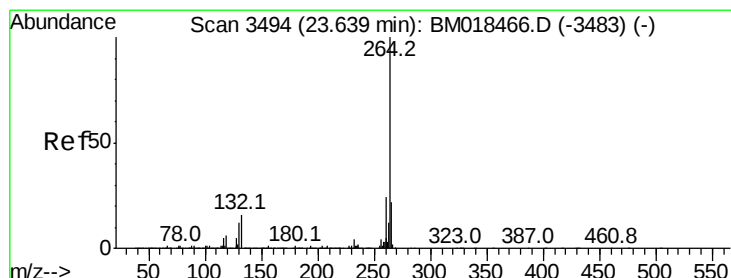
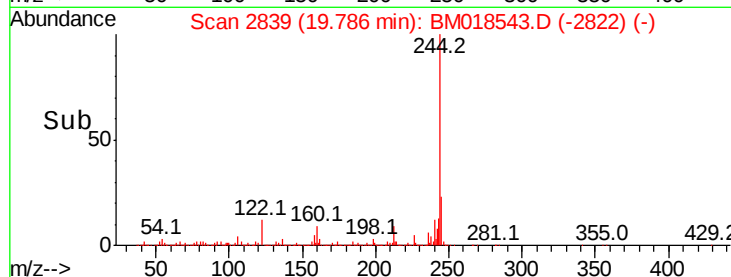
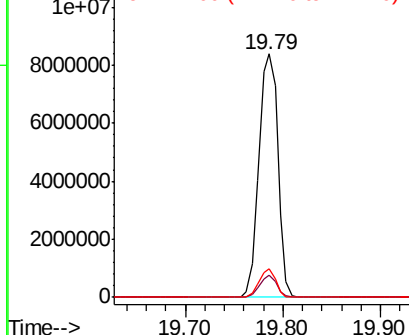
244 100

212 9.3 5.9 8.9#

122 11.8 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

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018543.D

Acq: 11 Jan 2019 20:21

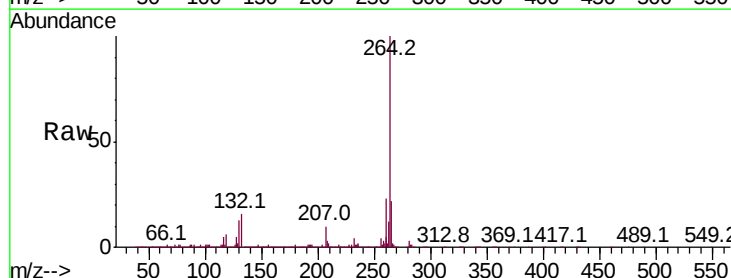
Tgt Ion:264 Resp: 3365393

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.7 16.8 25.2



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

