

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
 Data File : BM018919.D
 Acq On : 25 Feb 2019 18:36
 Operator : JU/SJ
 Sample : K1592-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: Feb 25 20:56:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

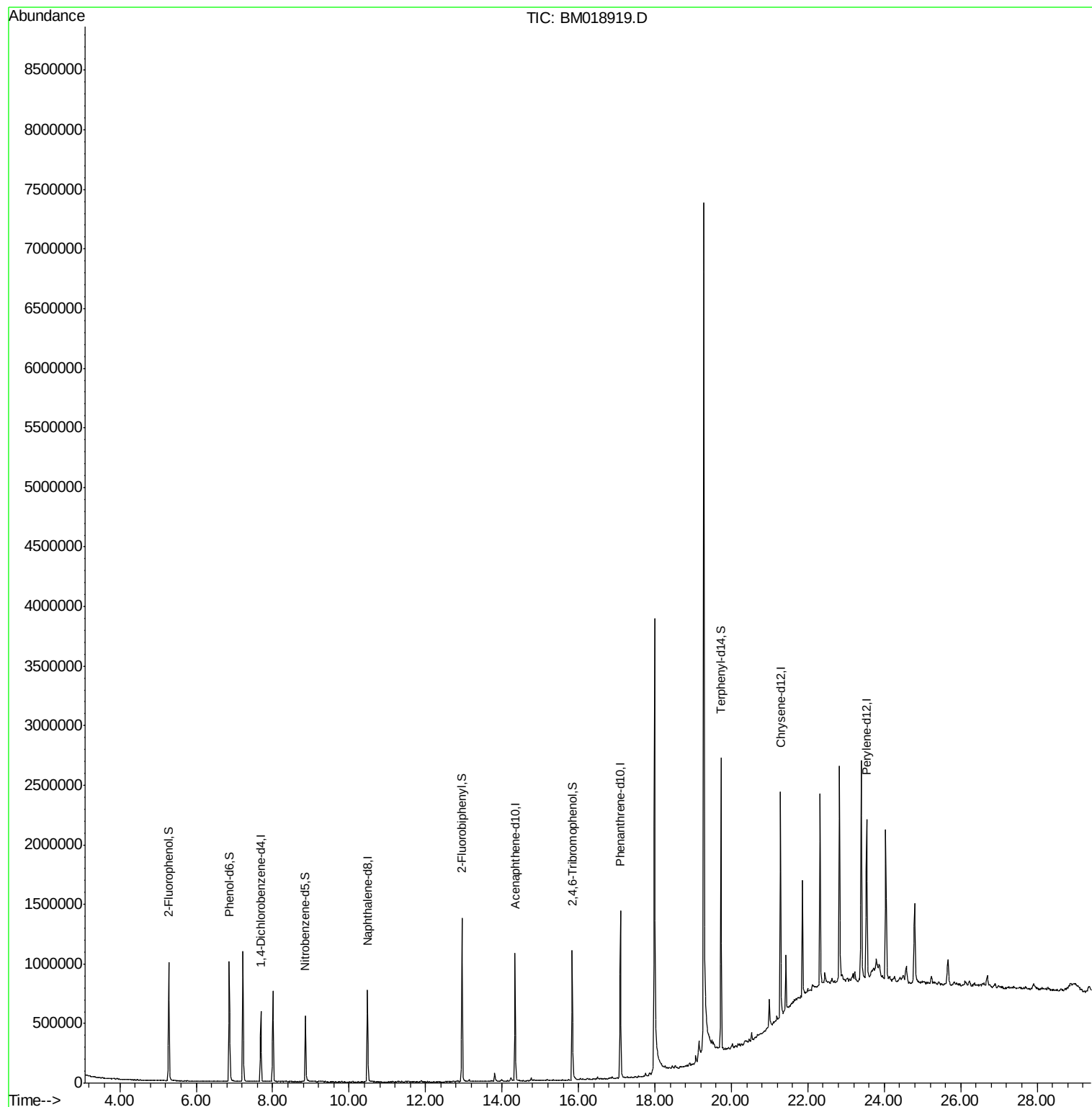
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	151693	20.00	ng	-0.02
21) Naphthalene-d8	10.47	136	630403	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	351904	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	791492	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	893590	20.00	ng	-0.02
87) Perylene-d12	23.54	264	928783	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	430303	46.48	ng	-0.02
7) Phenol-d6	6.86	99	598585	45.89	ng	-0.02
23) Nitrobenzene-d5	8.86	82	370404	27.17	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	201516	39.73	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	672153	25.36	ng	-0.02
79) Terphenyl-d14	19.73	244	1029370	23.76	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.87	77	2161	Below Cal	Qvalue #	7

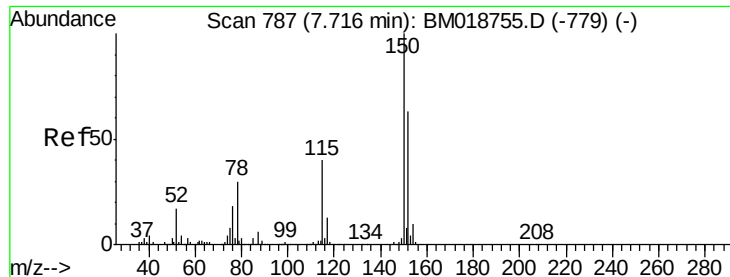
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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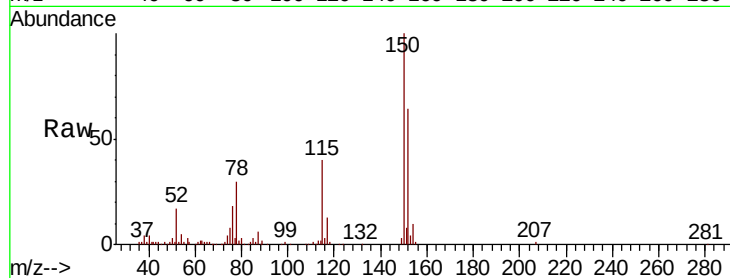


#1

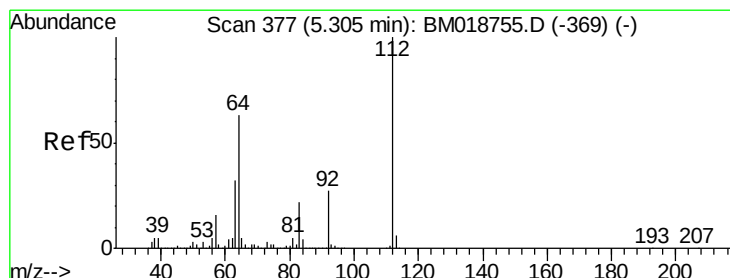
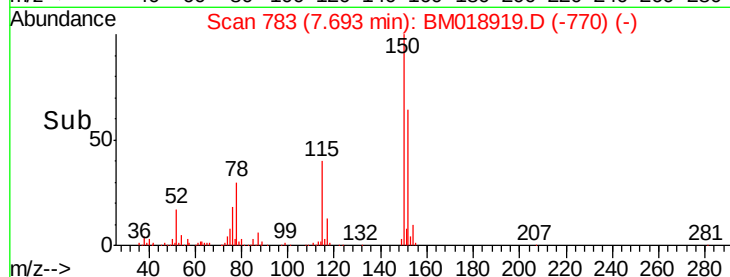
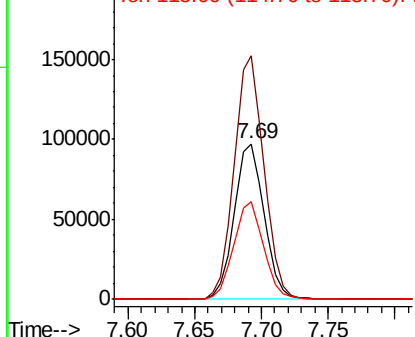
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018919.D
Acq: 25 Feb 2019 18:36

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 151693
Ion Ratio Lower Upper
152 100
150 156.8 127.3 190.9
115 62.7 50.8 76.2



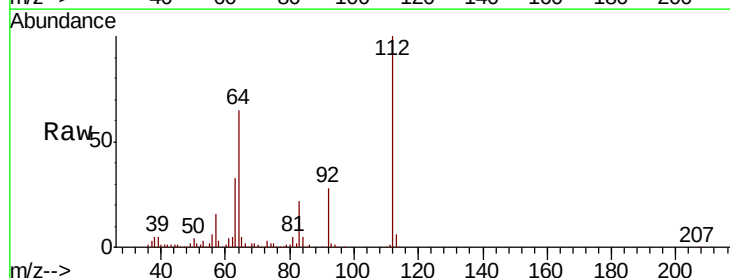
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



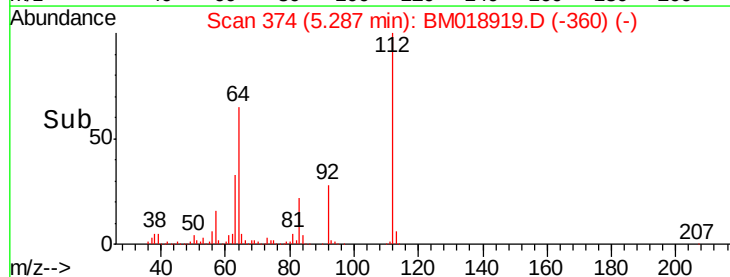
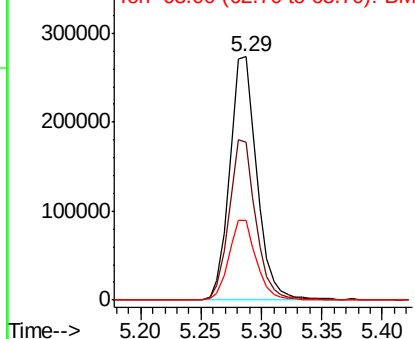
#5

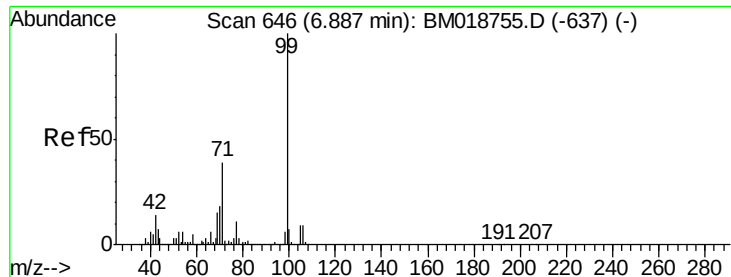
2-Fluorophenol
Concen: 46.478 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018919.D
Acq: 25 Feb 2019 18:36

Tgt Ion:112 Resp: 430303
Ion Ratio Lower Upper
112 100
64 64.9 50.6 75.8
63 32.7 25.7 38.5



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: 45.895 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018919.D

Acq: 25 Feb 2019 18:36

Instrument :

BNA_M

ClientSampleId :

TP-4

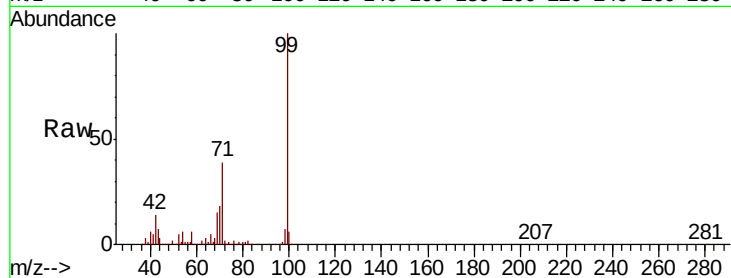
Tgt Ion: 99 Resp: 598585

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

71 38.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)

6.86

400000

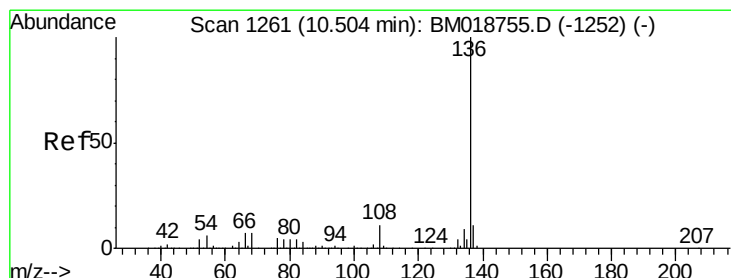
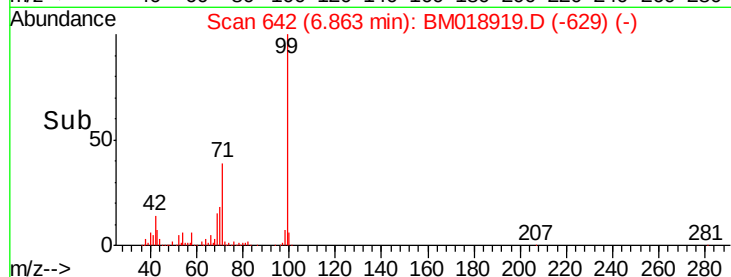
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018919.D

Acq: 25 Feb 2019 18:36

Tgt Ion: 136 Resp: 630403

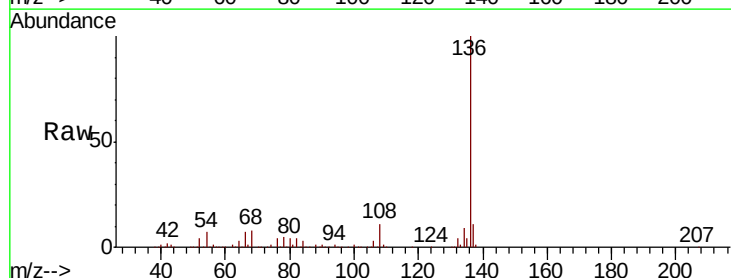
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.0 5.0 7.6

68 7.7 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

10.47

500000

400000

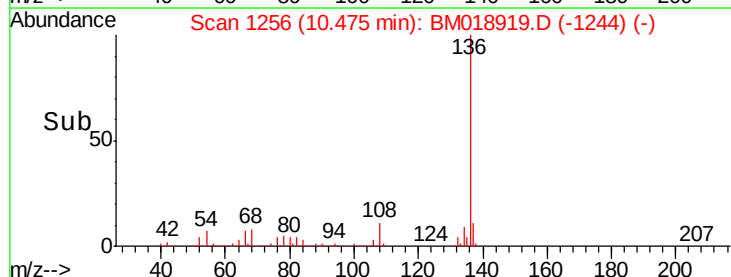
300000

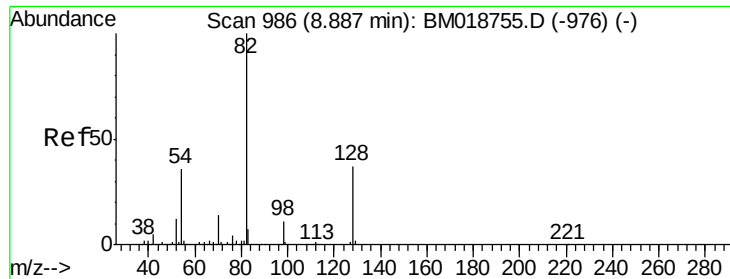
200000

100000

0

Time-->

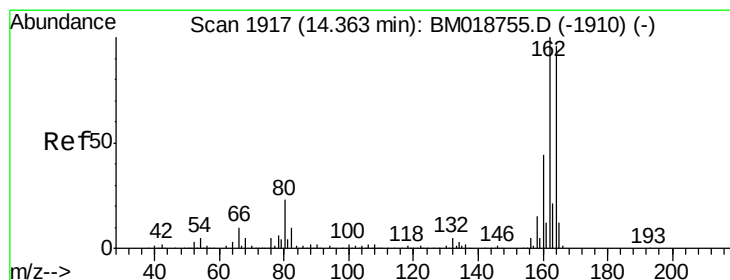
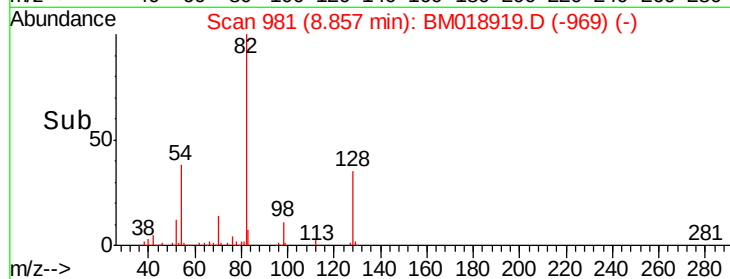
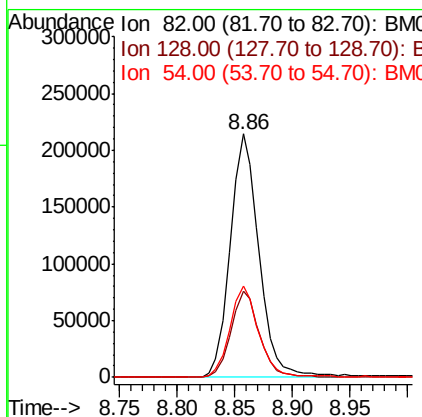
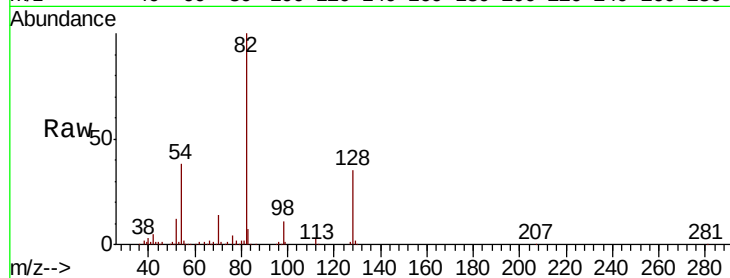




#23
 Nitrobenzene-d5
 Concen: 27.168 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018919.D
 Acq: 25 Feb 2019 18:36

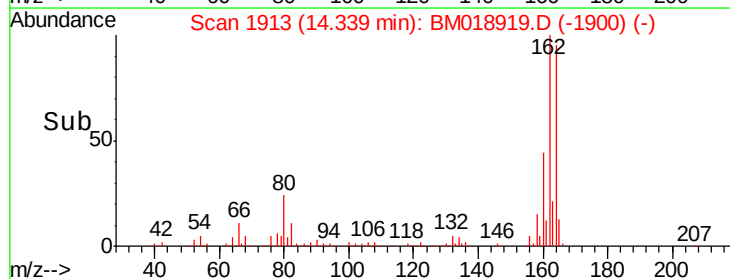
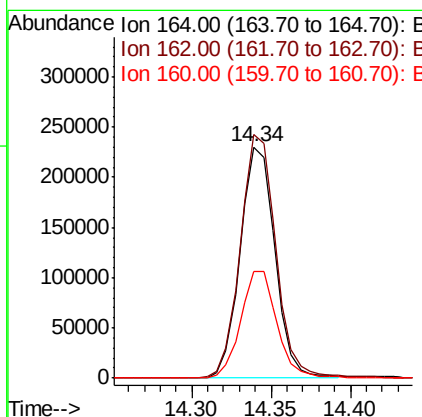
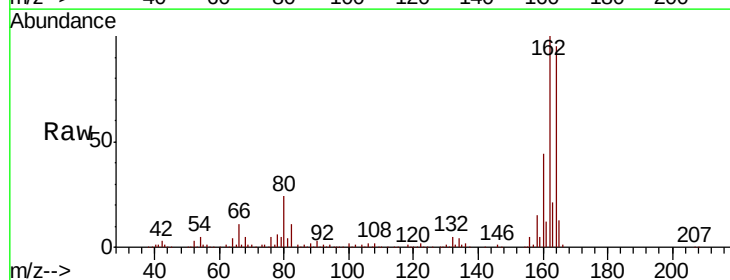
Instrument :
 BNA_M
 ClientSampled :
 TP-4

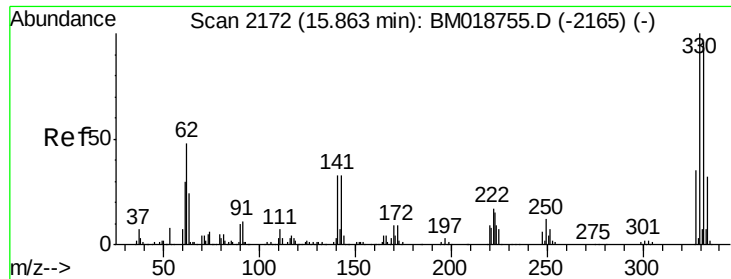
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.9	44.9
54	37.5	29.1	43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018919.D
 Acq: 25 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.4	125.0
160	46.3	36.6	55.0

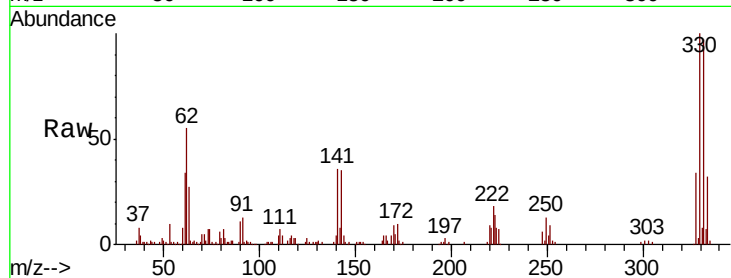




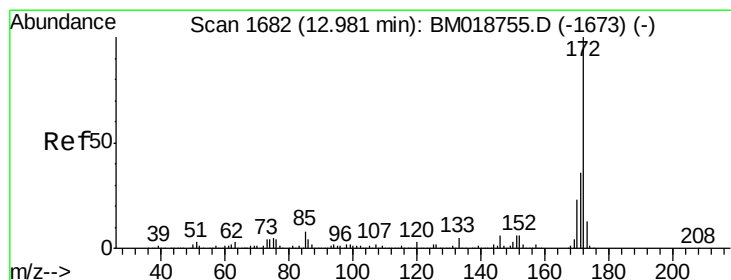
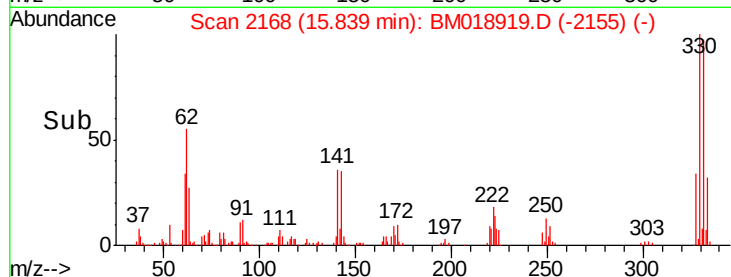
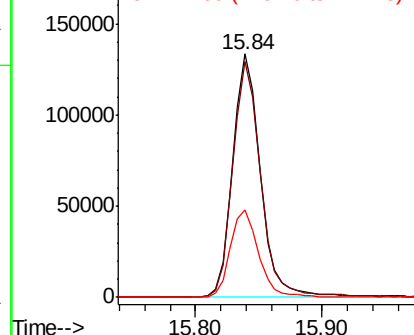
#42
 2,4,6-Tribromophenol
 Concen: 39.726 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018919.D
 Acq: 25 Feb 2019 18:36

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.3	28.7	43.1

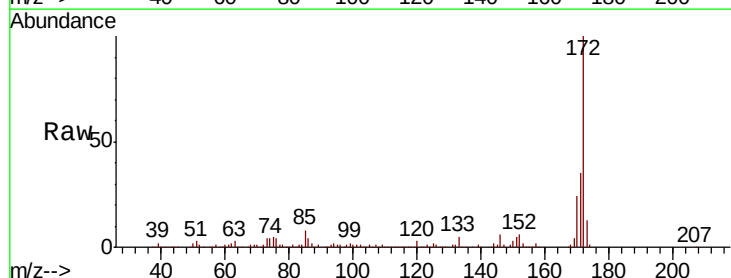


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

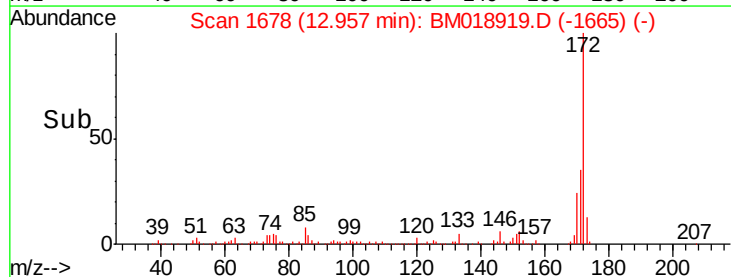
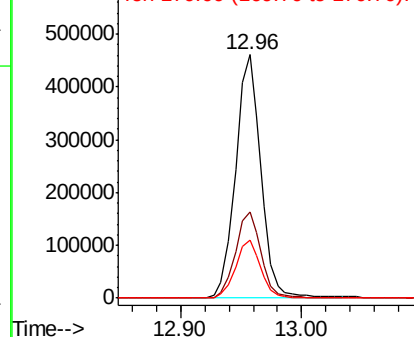


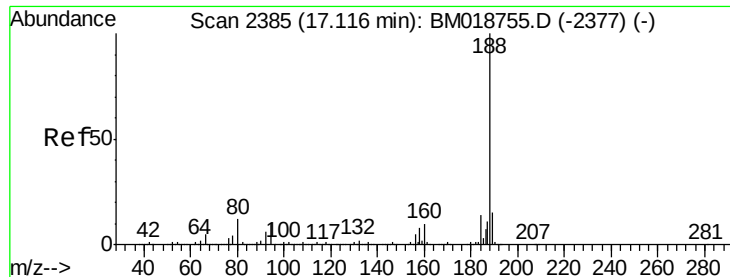
#45
 2-Fluorobiphenyl
 Concen: 25.355 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018919.D
 Acq: 25 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.8	18.6	28.0



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

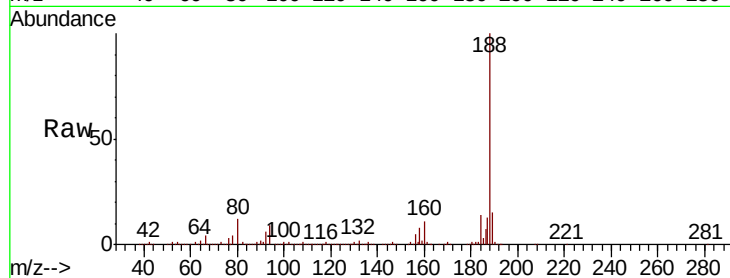




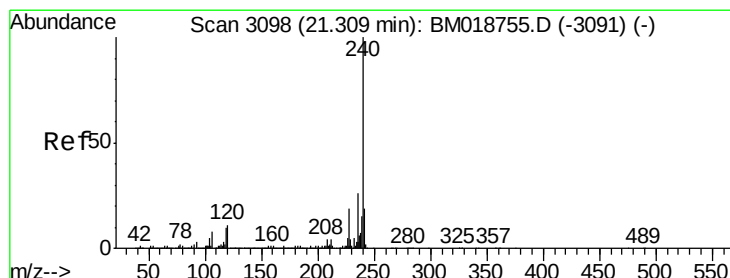
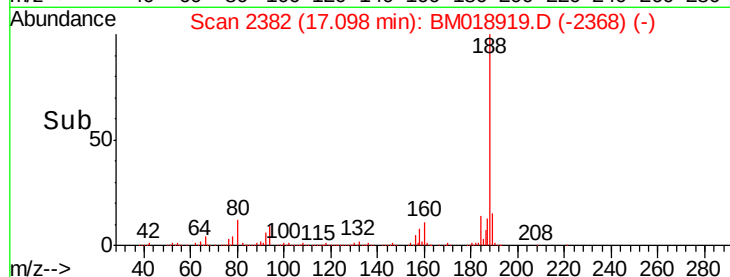
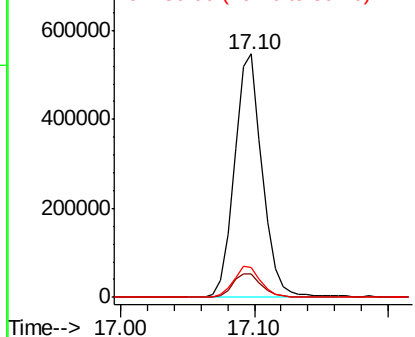
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018919.D
Acq: 25 Feb 2019 18:36

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 791492
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 12.1 9.7 14.5

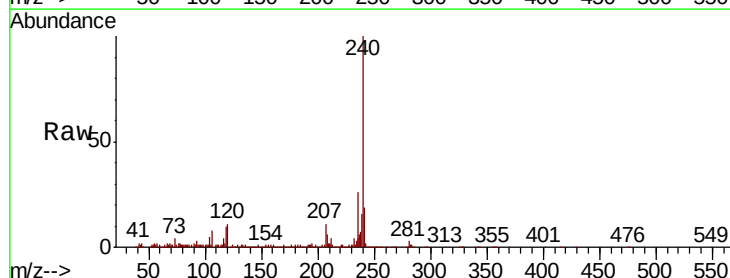


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

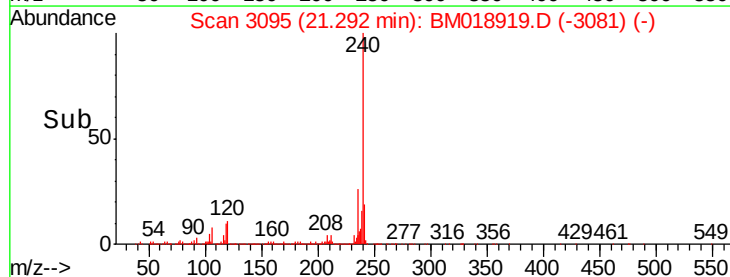
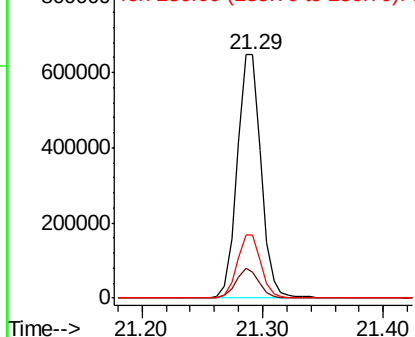


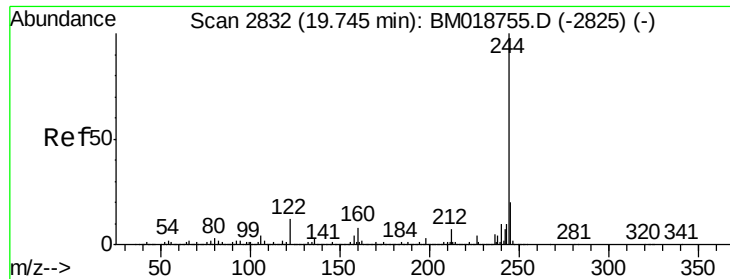
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018919.D
Acq: 25 Feb 2019 18:36

Tgt Ion:240 Resp: 893590
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.9 20.9 31.3



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: 23.764 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018919.D

Acq: 25 Feb 2019 18:36

Instrument :

BNA_M

ClientSampled :

TP-4

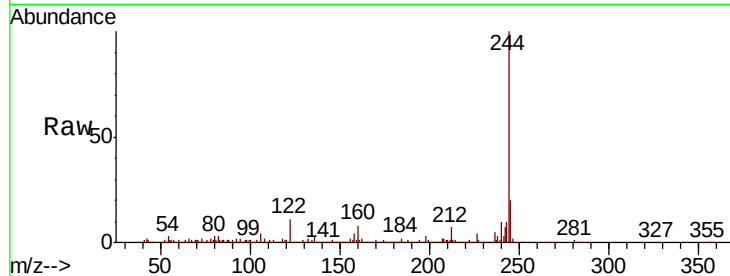
Tgt Ion:244 Resp: 1029370

Ion Ratio Lower Upper

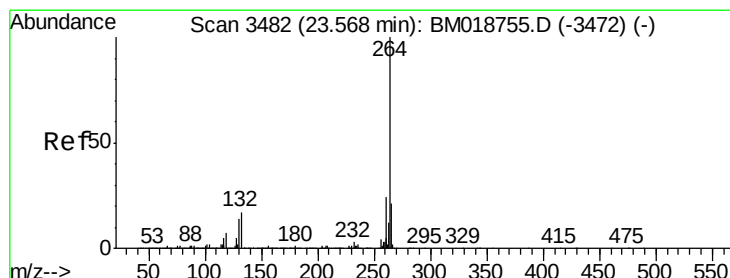
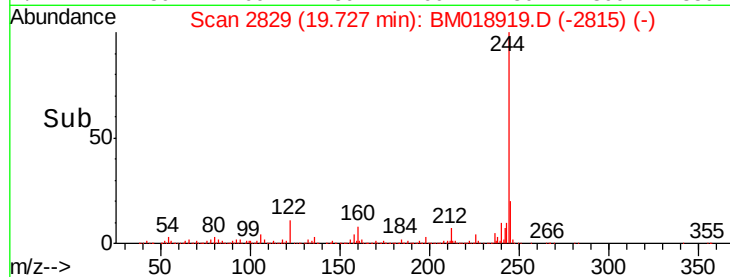
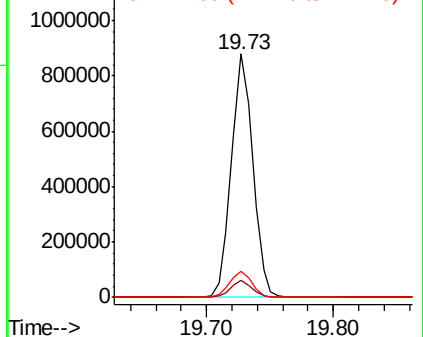
244 100

212 7.0 5.6 8.4

122 10.6 9.3 13.9



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: 23.54 min Scan# 3477

Delta R.T. -0.03 min

Lab File: BM018919.D

Acq: 25 Feb 2019 18:36

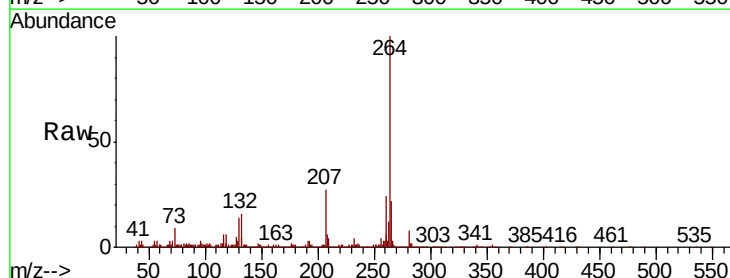
Tgt Ion:264 Resp: 928783

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 17.3 25.9



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

