

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019028.D
 Acq On : 05 Mar 2019 02:53
 Operator : JU/SJ
 Sample : K1712-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:38:22 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

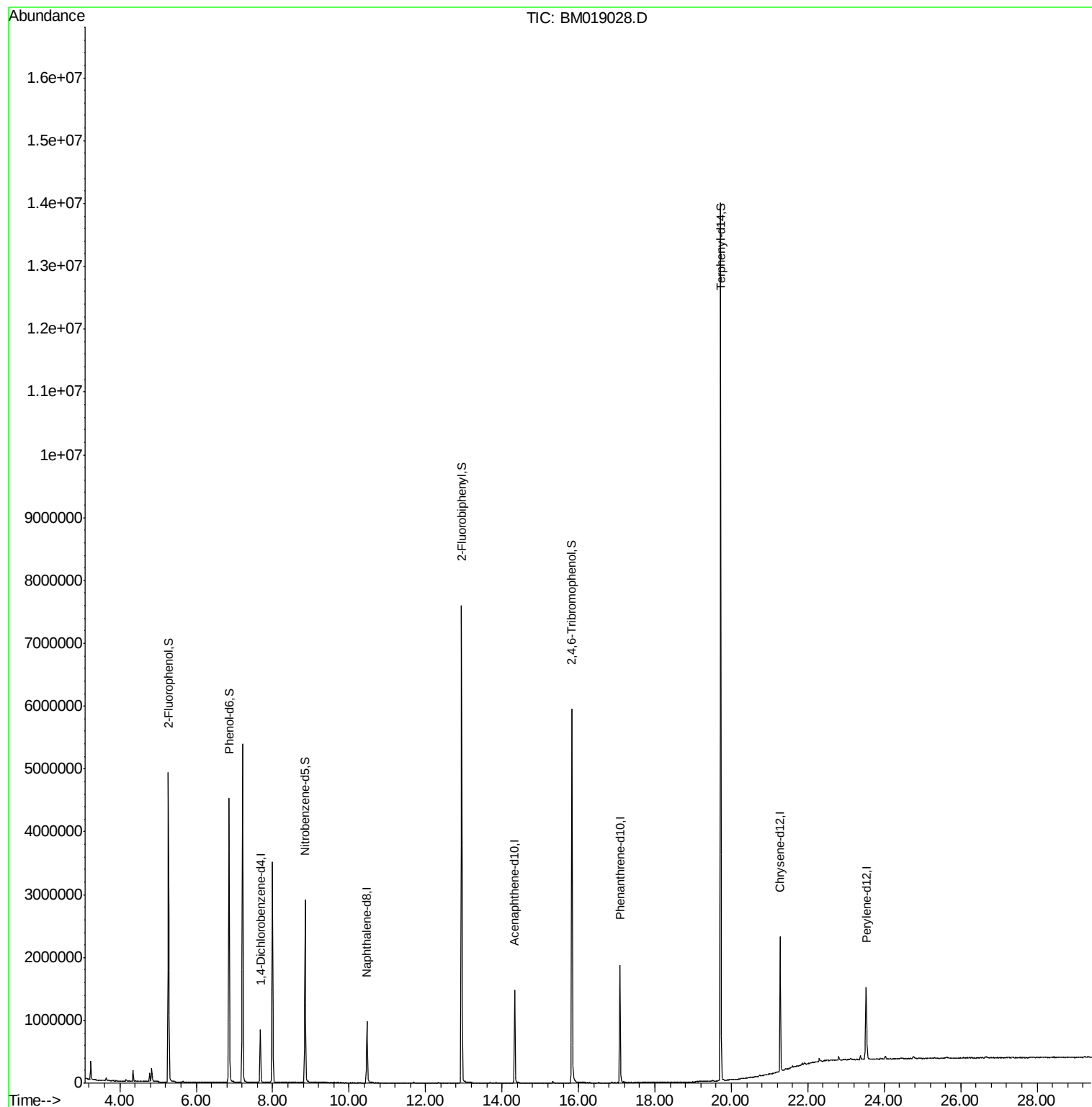
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	215027	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	845004	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	492685	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1123891	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	949368	20.00	ng	-0.03
87) Perylene-d12	23.53	264	895209	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1965554	149.77	ng	-0.03
7) Phenol-d6	6.86	99	2551938	138.03	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1879207	102.83	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1152588	162.29	ng	-0.03
45) 2-Fluorobiphenyl	12.94	172	3726496	100.41	ng	-0.04
79) Terphenyl-d14	19.72	244	6037317	131.19	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	6170	Below Cal	Qvalue #	7

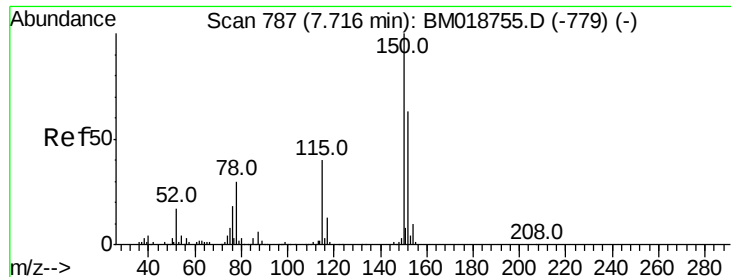
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019028.D
Acq On : 05 Mar 2019 02:53
Operator : JU/SJ
Sample : K1712-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 05 03:38:22 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



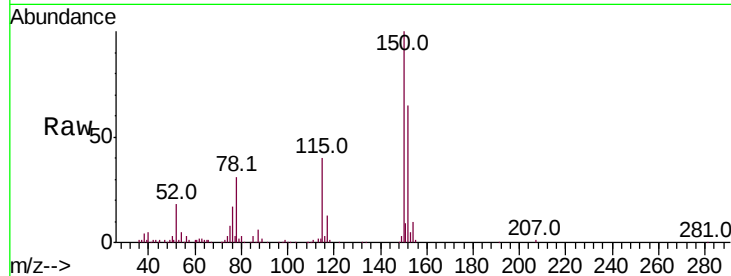


#1

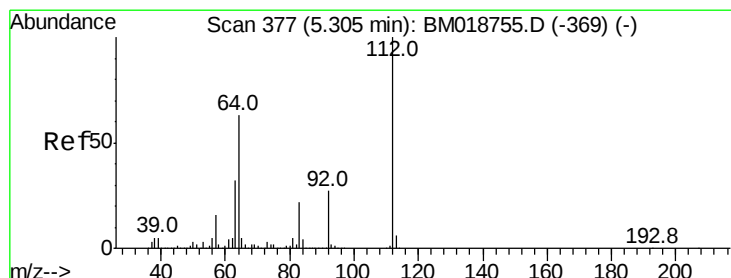
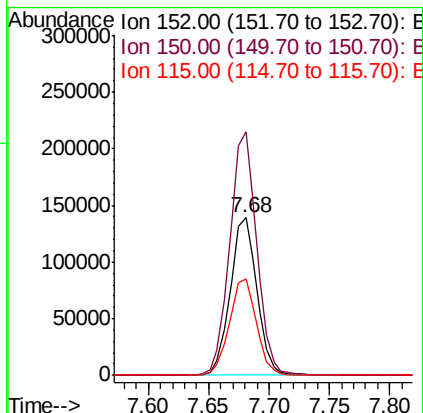
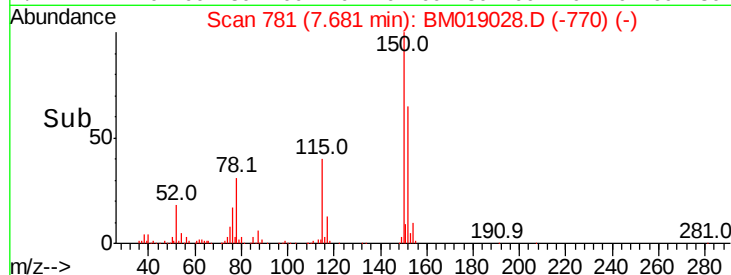
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.3	190.9
115	61.2	50.8	76.2



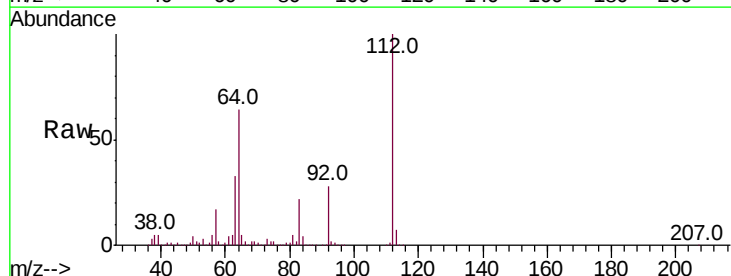
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



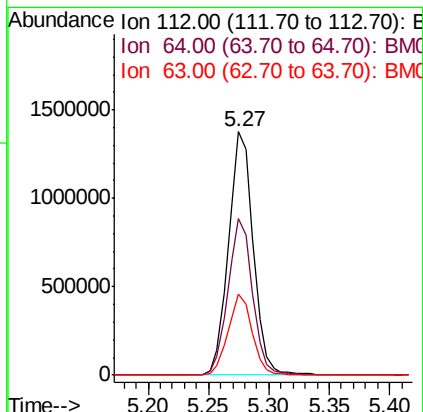
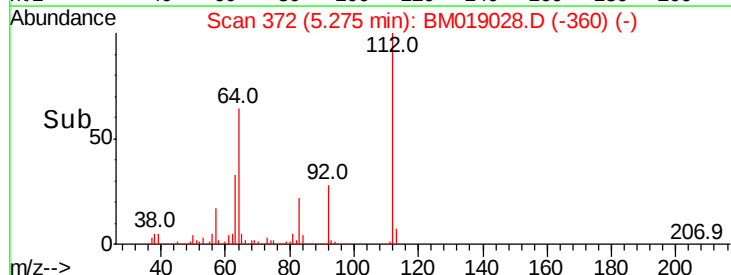
#5

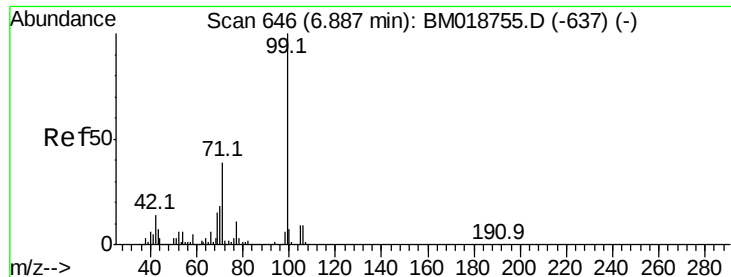
2-Fluorophenol
Concen: 149.772 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019028.D
Acq: 05 Mar 2019 02:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	75.8
63	33.1	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: 138.033 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Instrument :

BNA_M

ClientSampleId :

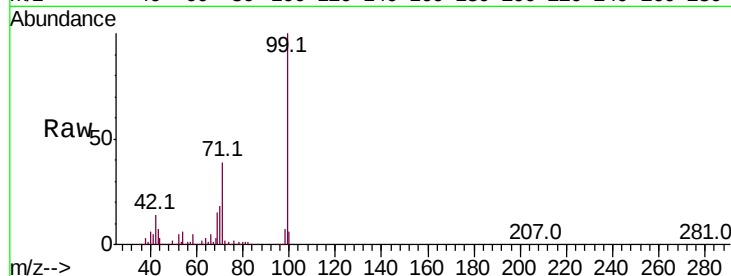
Tot Ion: 99 Resp: 2551938

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

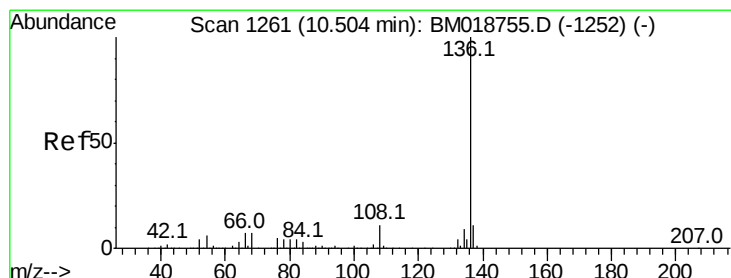
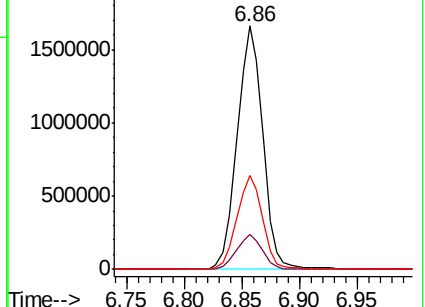
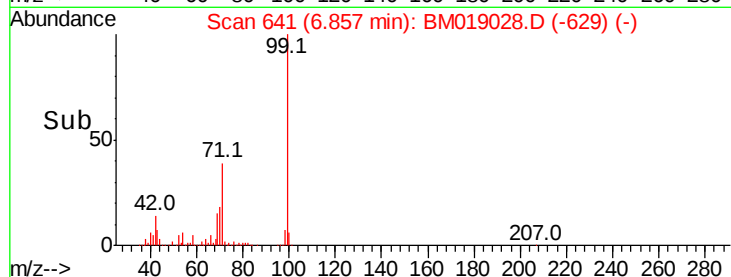
71 38.6 31.3 46.9



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Tgt Ion: 136 Resp: 845004

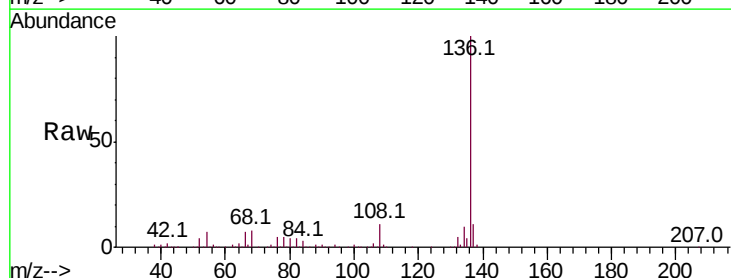
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.0 5.0 7.6

68 7.6 5.5 8.3

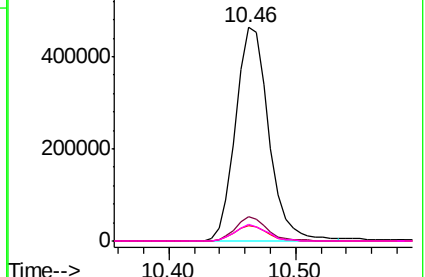
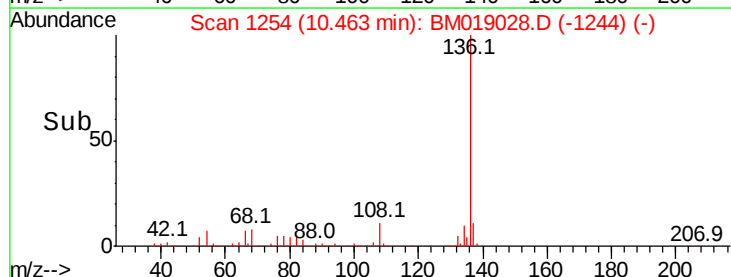


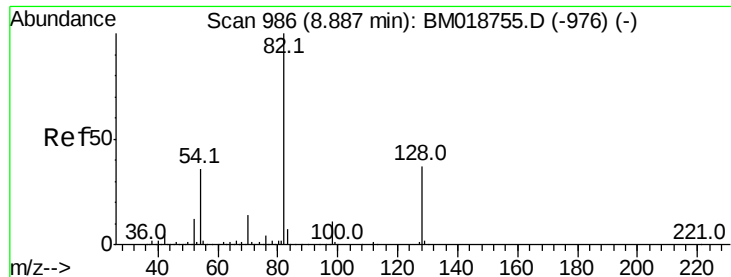
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)



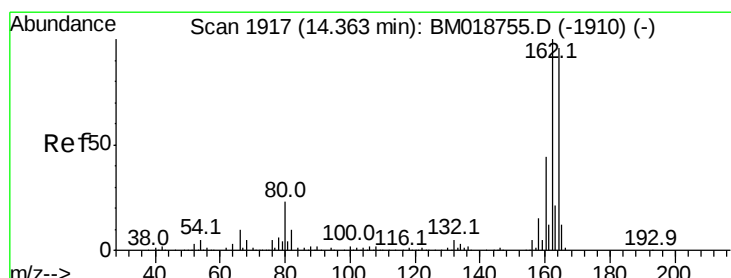
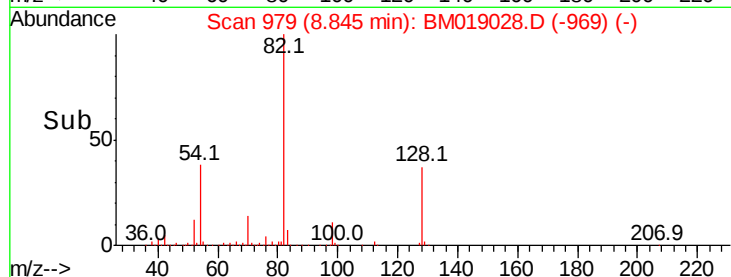
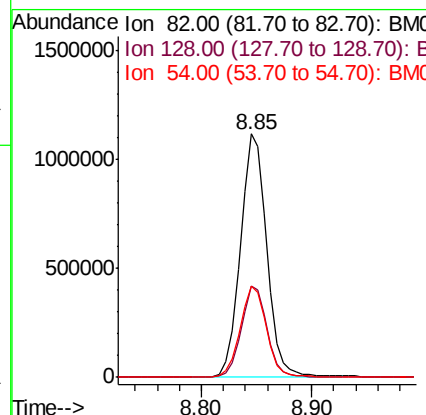
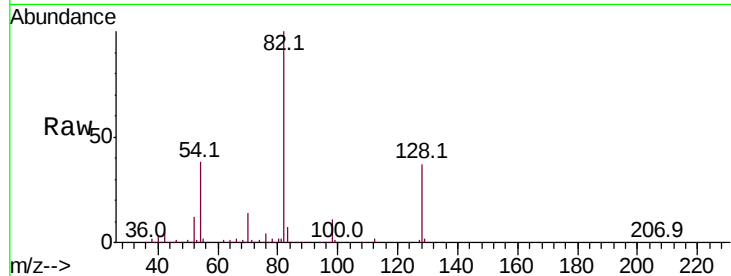


#23
 Nitrobenzene-d5
 Concen: 102.830 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.04 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1879207

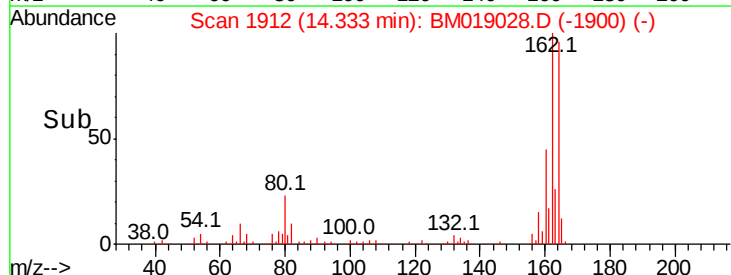
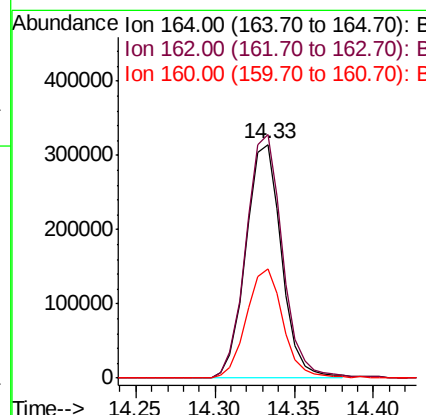
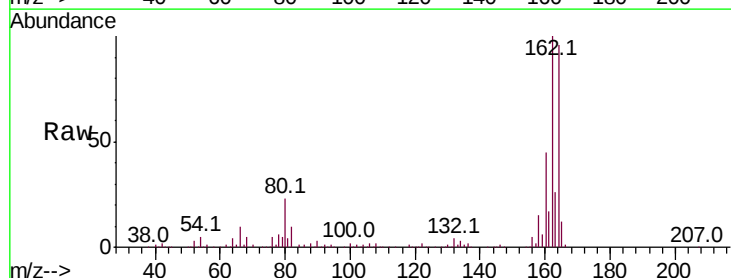
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	37.6	29.1	43.7

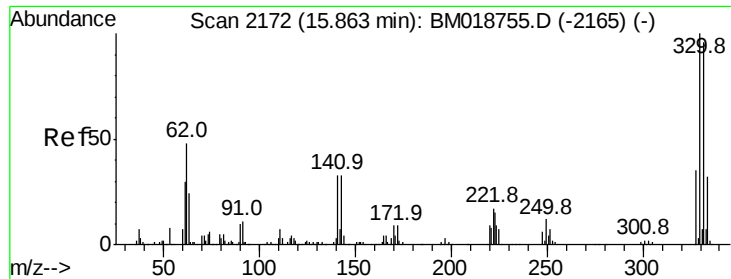


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Tgt Ion:164 Resp: 492685

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.7	36.6	55.0

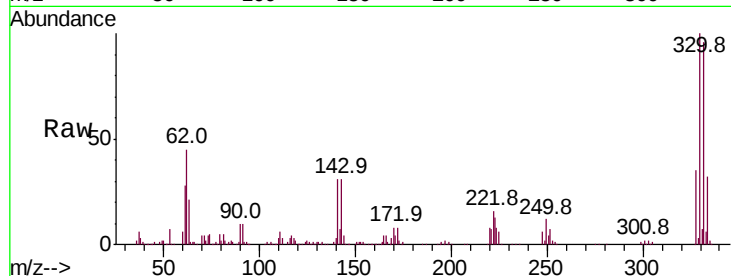




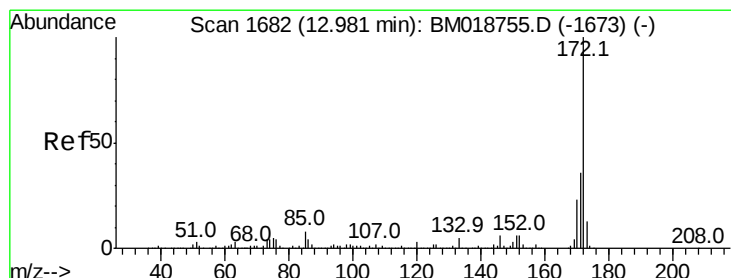
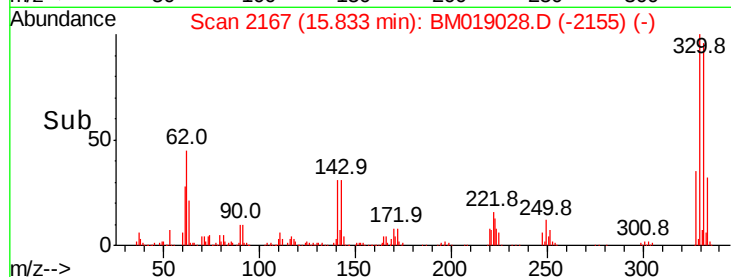
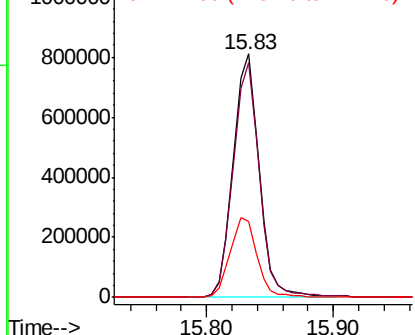
#42
 2,4,6-Tribromophenol
 Concen: 162.292 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1152588
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.9 115.3
 141 34.1 28.7 43.1

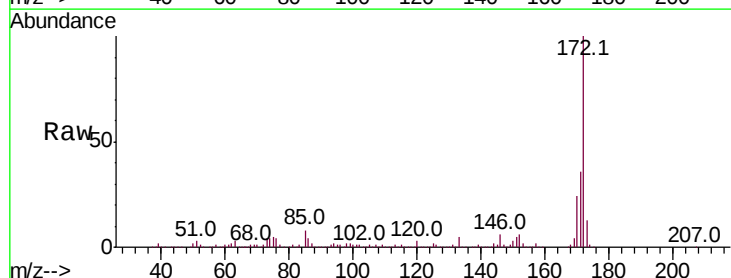


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

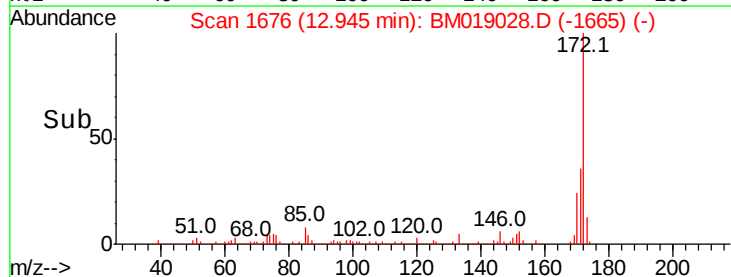
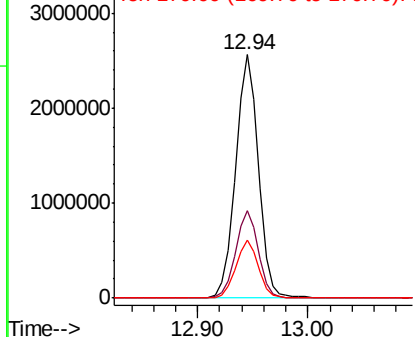


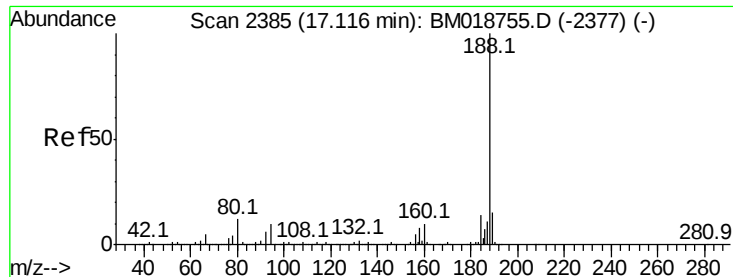
#45
 2-Fluorobiphenyl
 Concen: 100.406 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019028.D
 Acq: 05 Mar 2019 02:53

Tgt Ion:172 Resp: 3726496
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.7 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: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Instrument :

BNA_M

ClientSampleId :

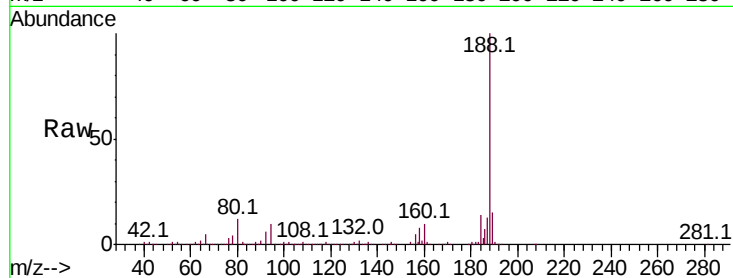
Tot Ion:188 Resp: 1123891

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

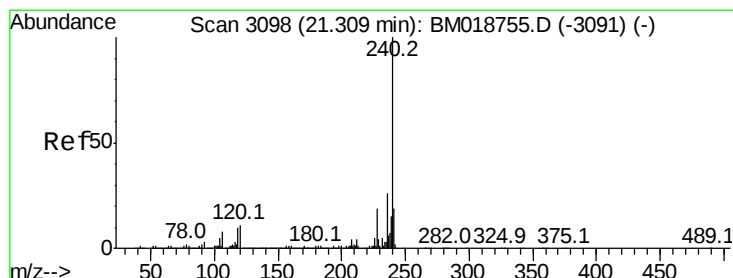
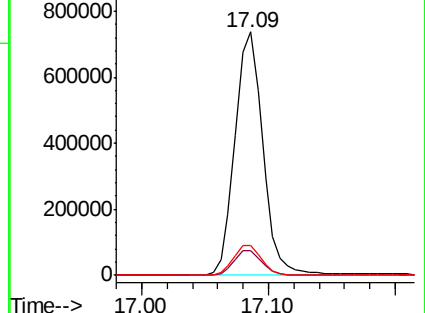
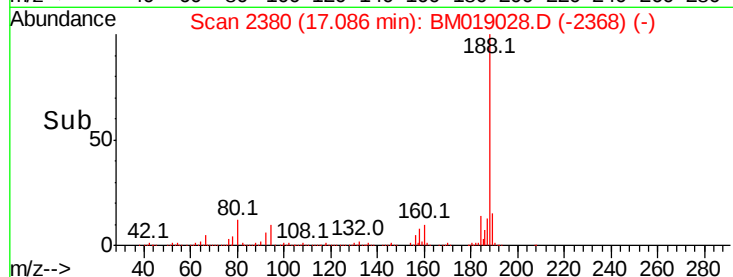
80 12.2 9.7 14.5



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: 21.28 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

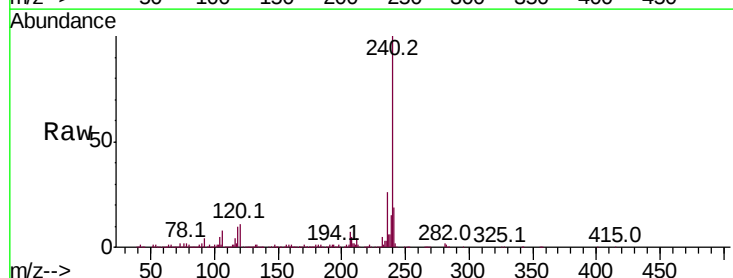
Tgt Ion:240 Resp: 949368

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

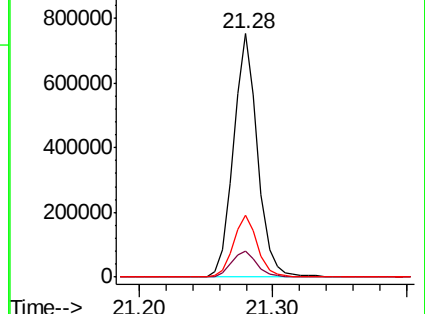
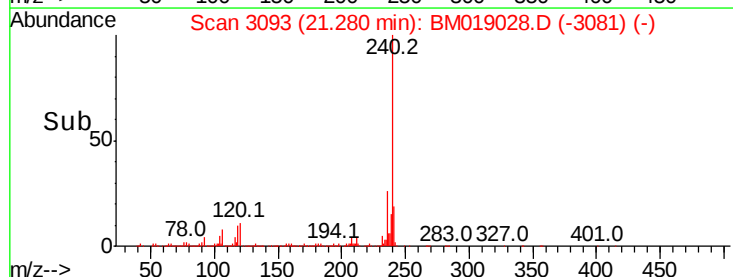
236 25.6 20.9 31.3

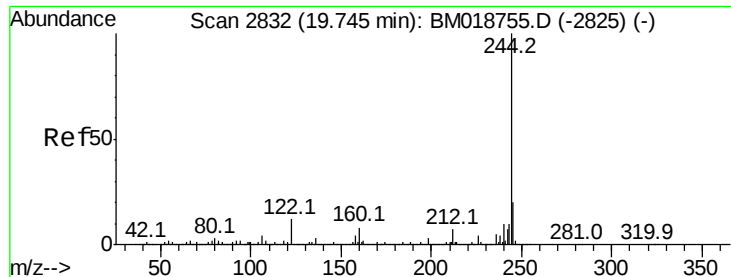


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 131.186 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

Instrument :

BNA_M

ClientSampleId :

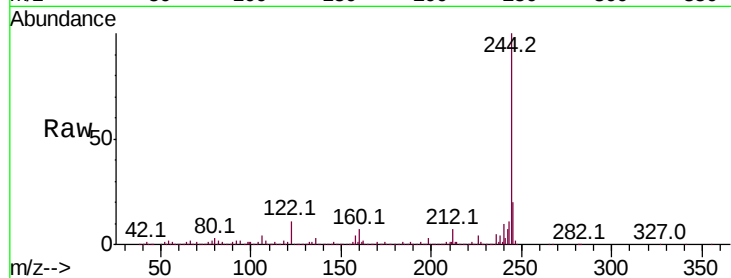
Tot Ion:244 Resp: 6037317

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

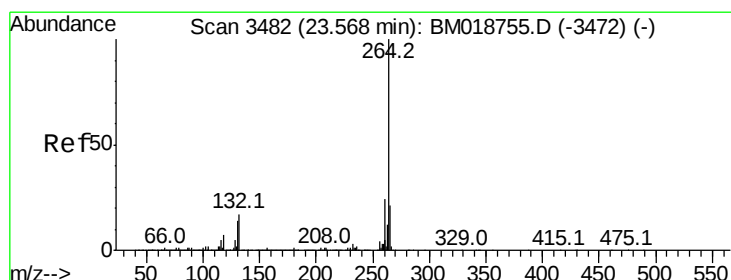
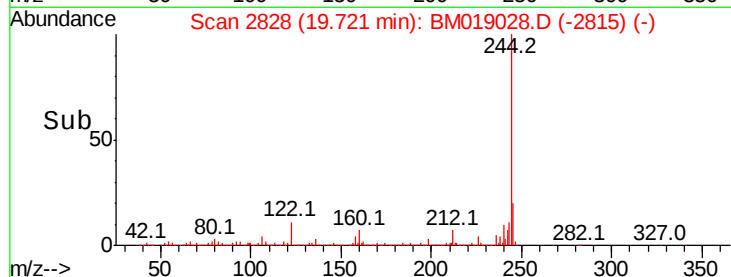
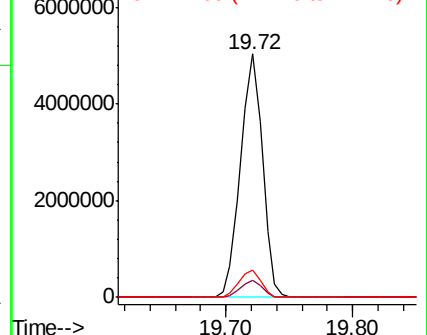
122 11.2 9.3 13.9



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: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM019028.D

Acq: 05 Mar 2019 02:53

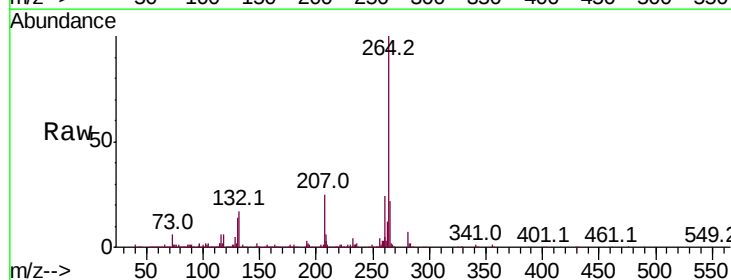
Tgt Ion:264 Resp: 895209

Ion Ratio Lower Upper

264 100

260 24.3 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

