

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019012.D
 Acq On : 04 Mar 2019 16:41
 Operator : JU/SJ
 Sample : K1650-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:33:37 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

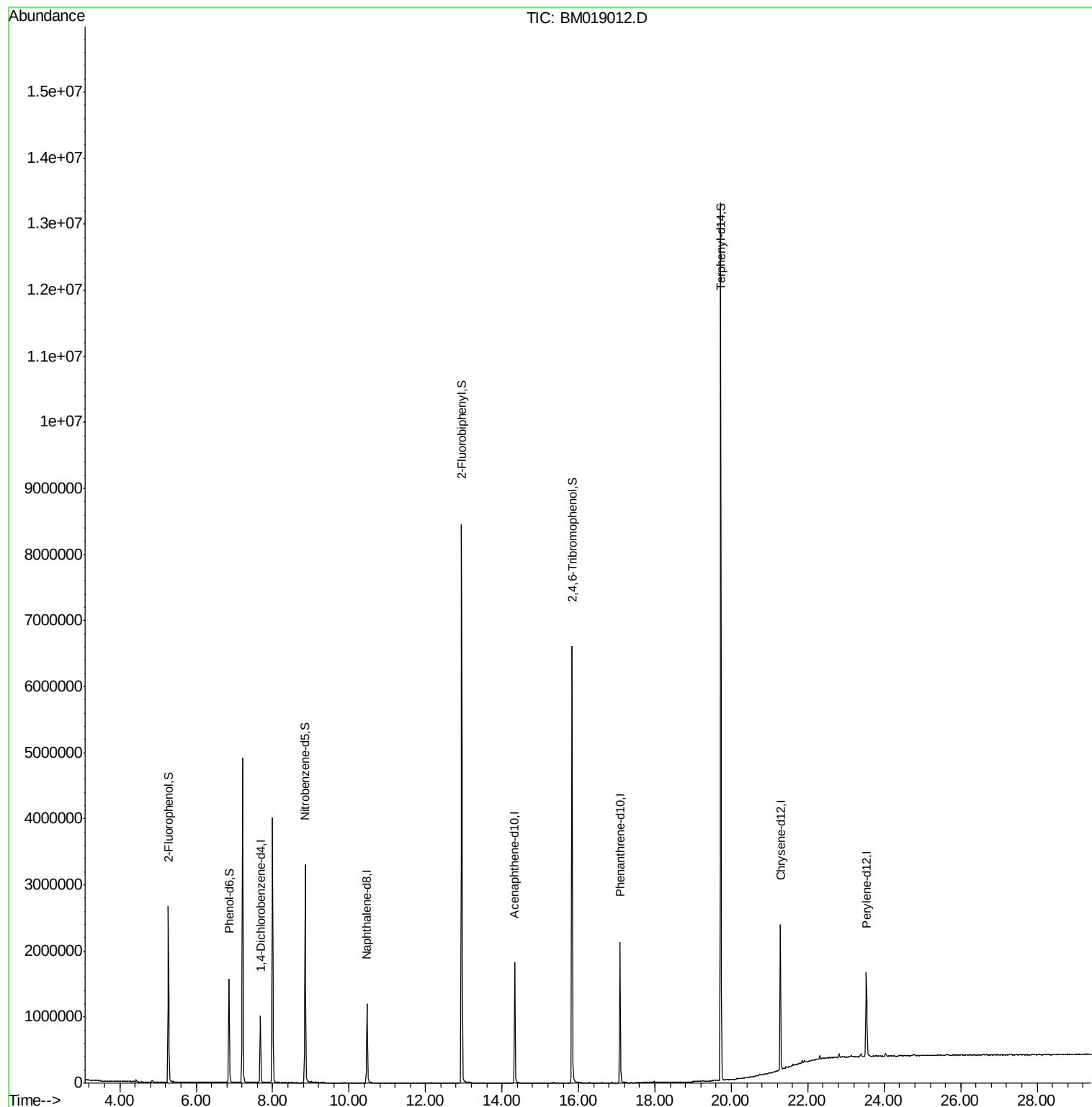
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	256775	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1019632	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	586541	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1244461	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	992749	20.00	ng	-0.02
87) Perylene-d12	23.53	264	939520	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1073341	68.49	ng	-0.03
7) Phenol-d6	6.86	99	915054	41.45	ng	-0.03
23) Nitrobenzene-d5	8.85	82	2126629	96.44	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1235124	146.09	ng	-0.03
45) 2-Fluorobiphenyl	12.94	172	4220660	95.52	ng	-0.04
79) Terphenyl-d14	19.73	244	5887603	122.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	2248	Below Cal	Qvalue #	7

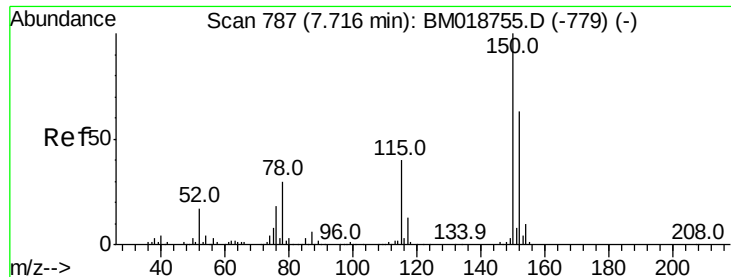
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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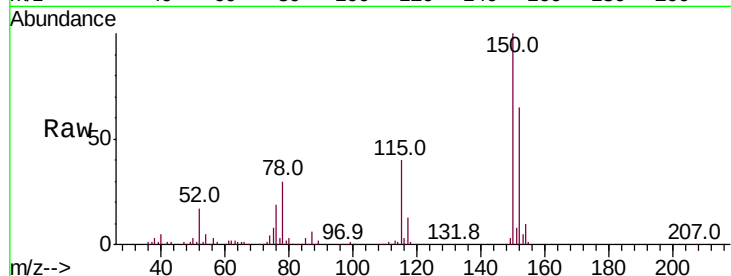


#1

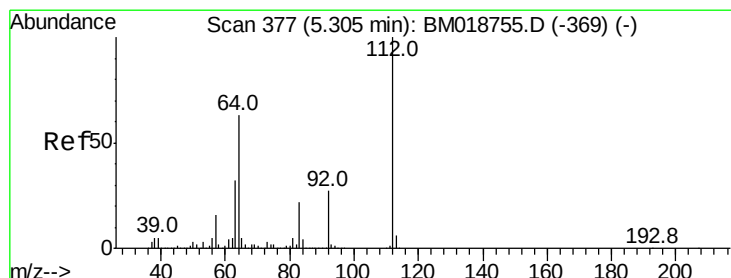
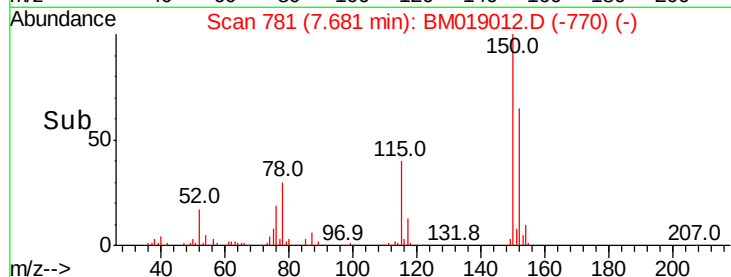
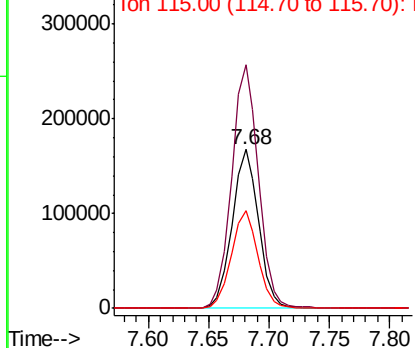
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 256775
Ion Ratio Lower Upper
152 100
150 153.4 127.3 190.9
115 61.2 50.8 76.2



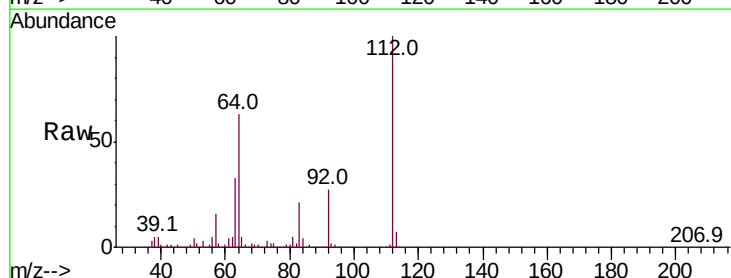
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



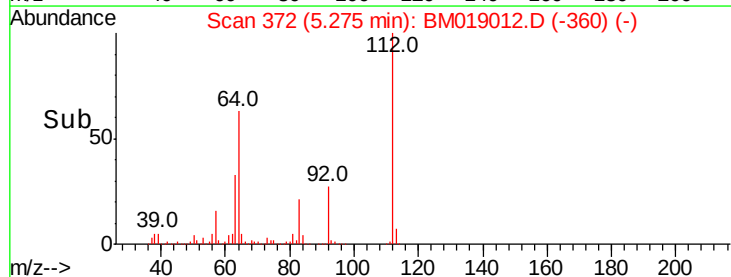
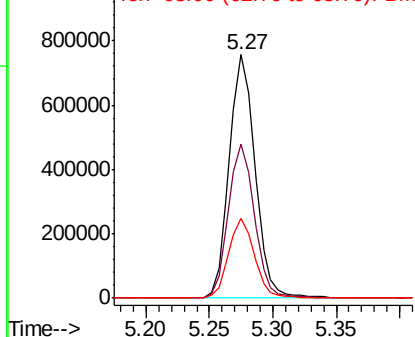
#5

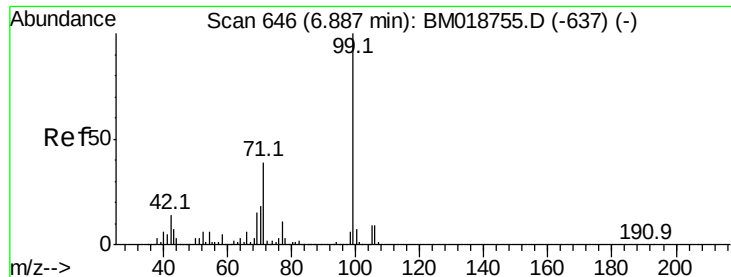
2-Fluorophenol
Concen: 68.490 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

Tgt Ion:112 Resp: 1073341
Ion Ratio Lower Upper
112 100
64 63.0 50.6 75.8
63 32.6 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: 41.448 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019012.D

Acq: 04 Mar 2019 16:41

Instrument :

BNA_M

ClientSampleId :

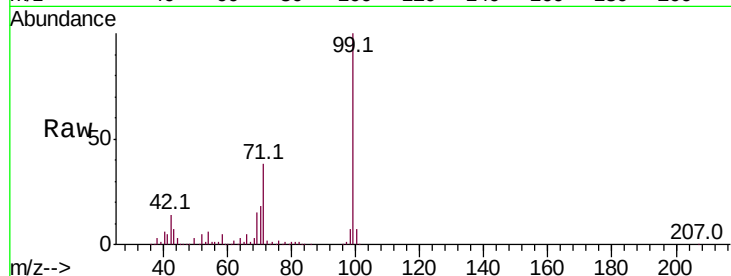
Tot Ion: 99 Resp: 915054

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 38.0 31.3 46.9

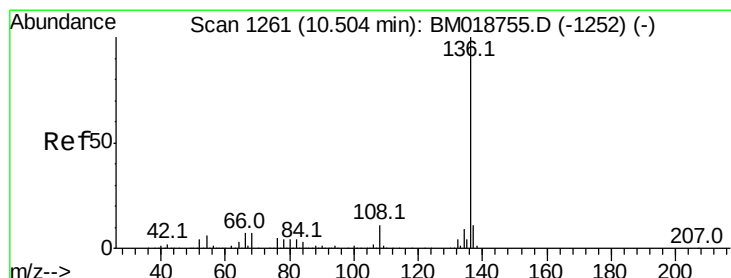
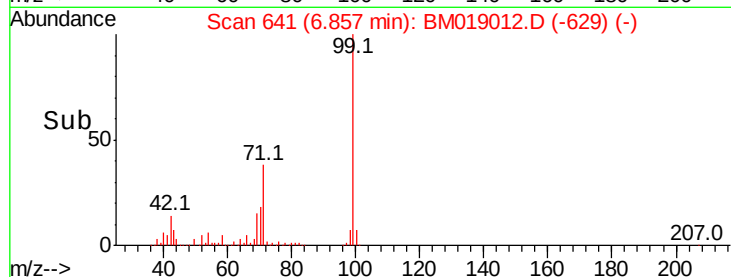
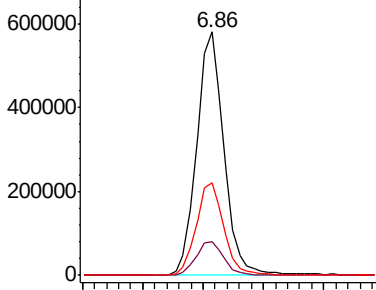


Abundance

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: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM019012.D

Acq: 04 Mar 2019 16:41

Tgt Ion: 136 Resp: 1019632

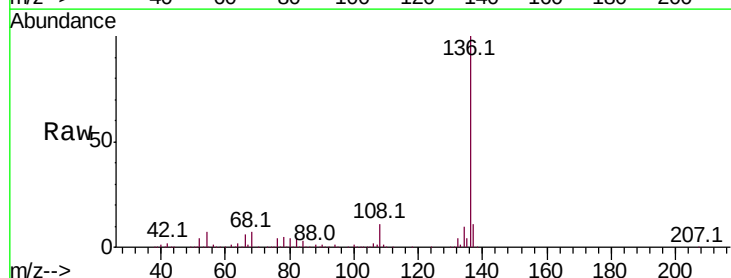
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.5 5.0 7.6

68 7.3 5.5 8.3



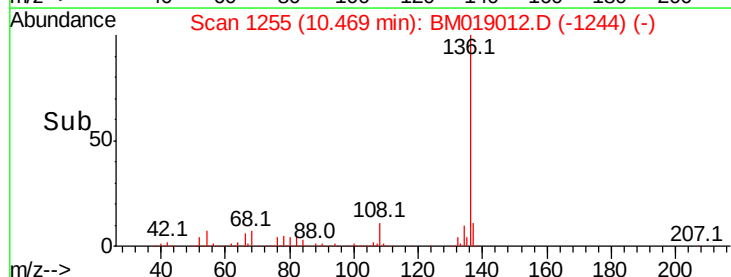
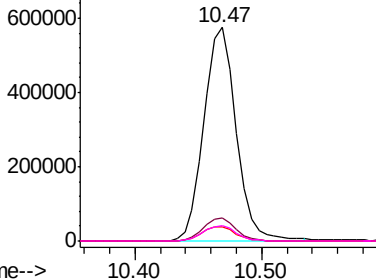
Abundance

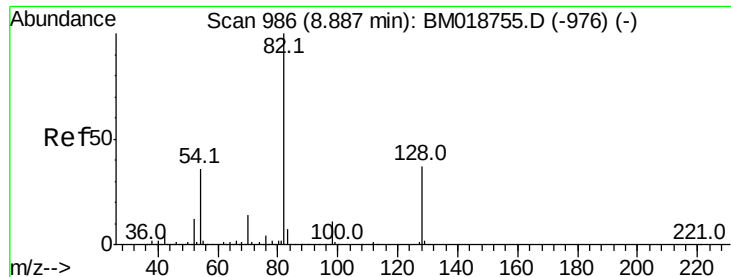
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

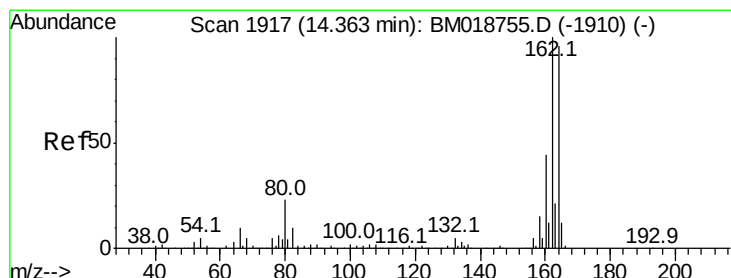
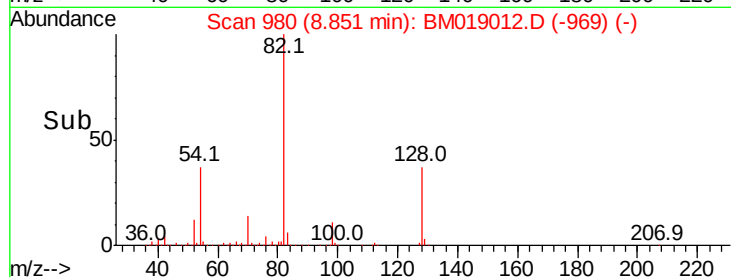
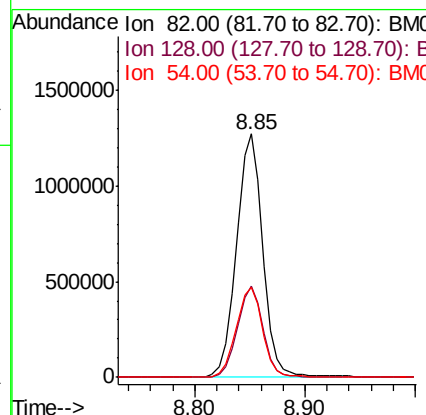
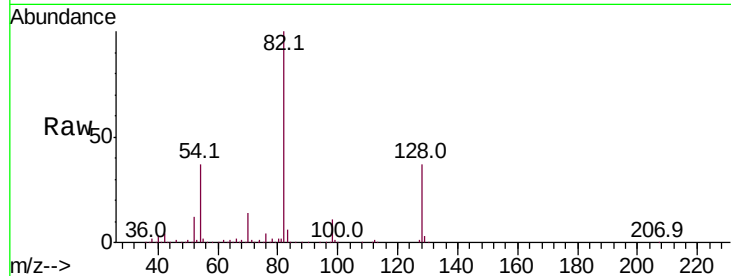




#23
Nitrobenzene-d5
Concen: 96.439 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

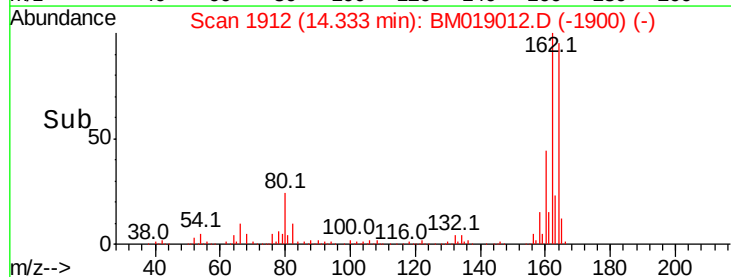
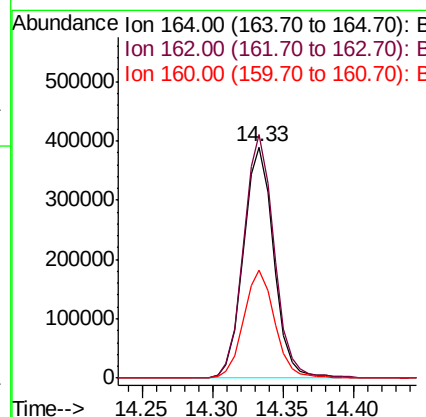
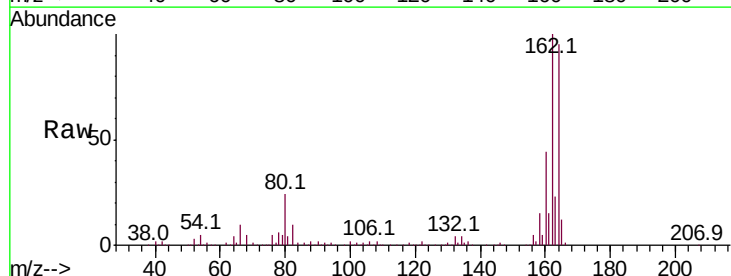
Instrument :
BNA_M
ClientSampleId :

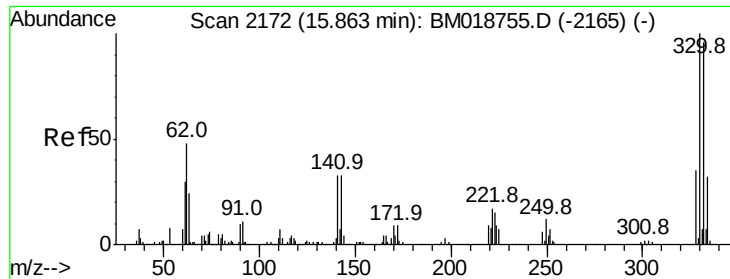
Tot Ion: 82 Resp: 2126629
Ion Ratio Lower Upper
82 100
128 37.5 29.9 44.9
54 37.2 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

Tgt Ion:164 Resp: 586541
Ion Ratio Lower Upper
164 100
162 105.2 83.4 125.0
160 46.6 36.6 55.0

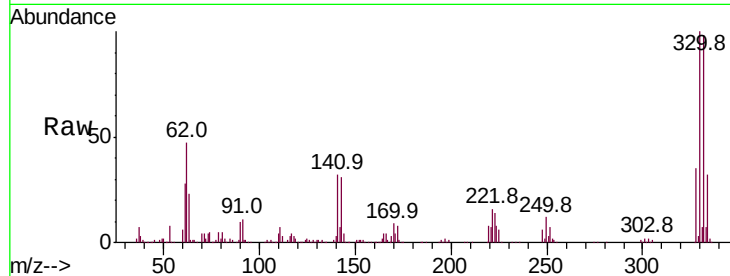




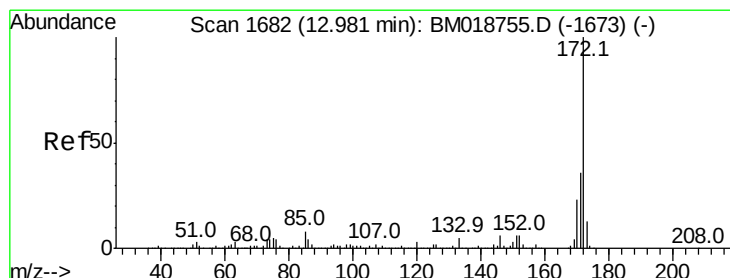
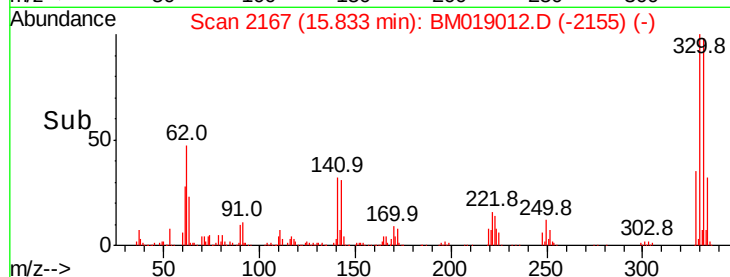
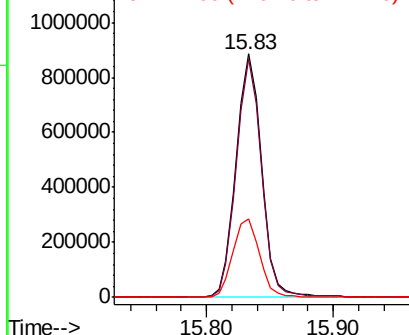
#42
 2,4,6-Tribromophenol
 Concen: 146.085 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019012.D
 Acq: 04 Mar 2019 16:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1235124
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 33.7 28.7 43.1

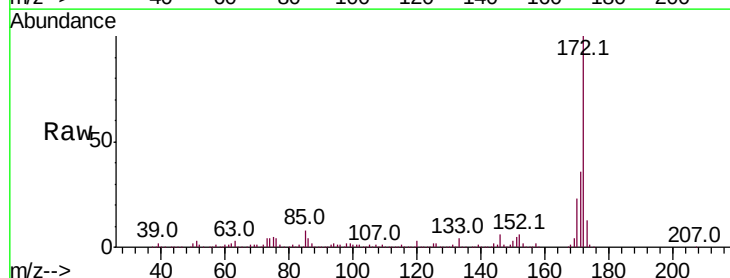


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

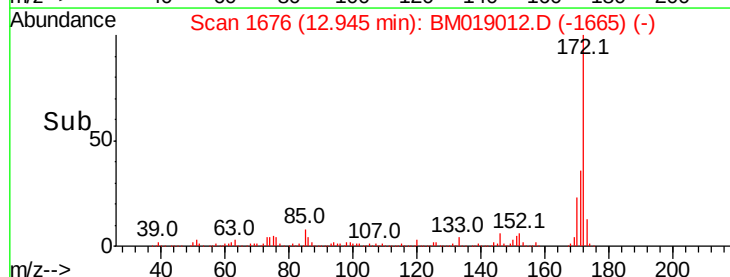
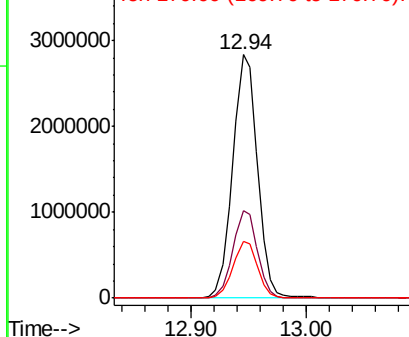


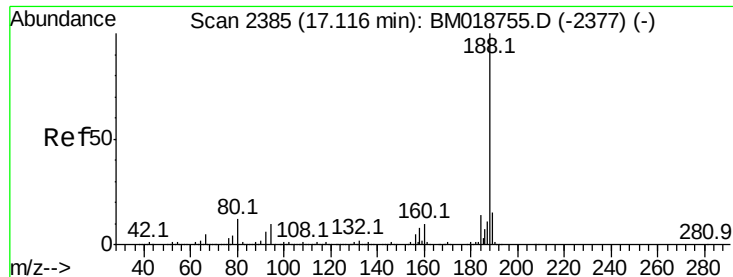
#45
 2-Fluorobiphenyl
 Concen: 95.523 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019012.D
 Acq: 04 Mar 2019 16:41

Tgt Ion:172 Resp: 4220660
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.3 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

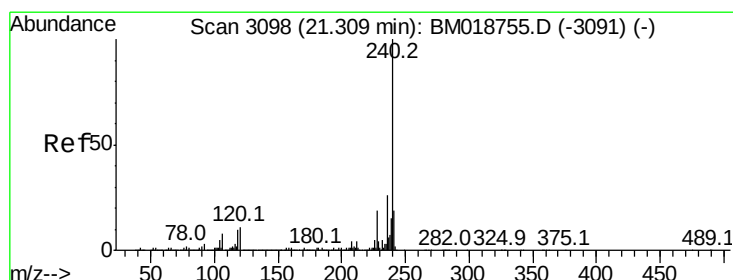
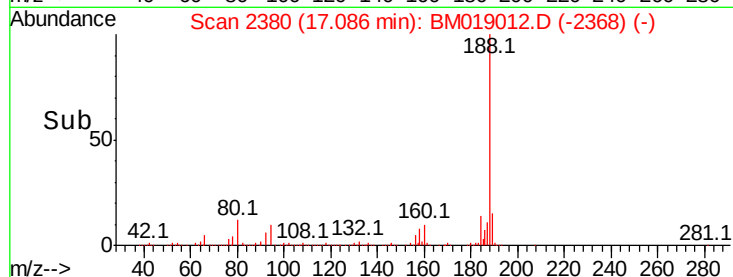
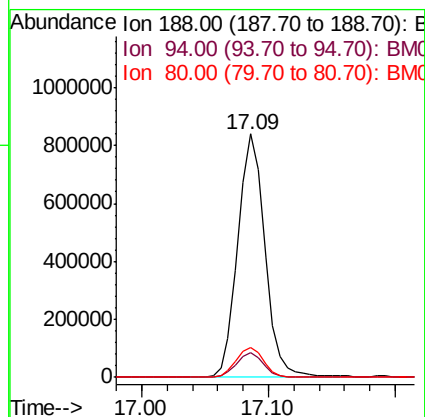
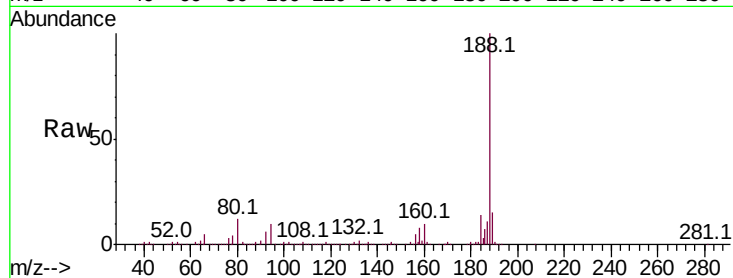




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

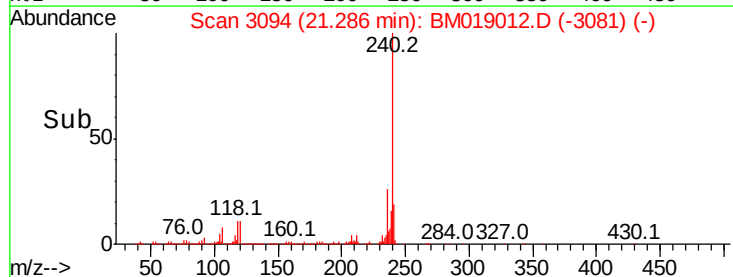
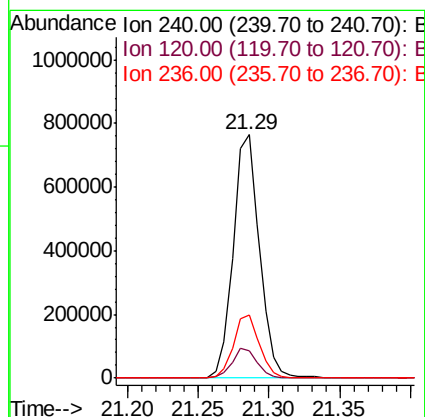
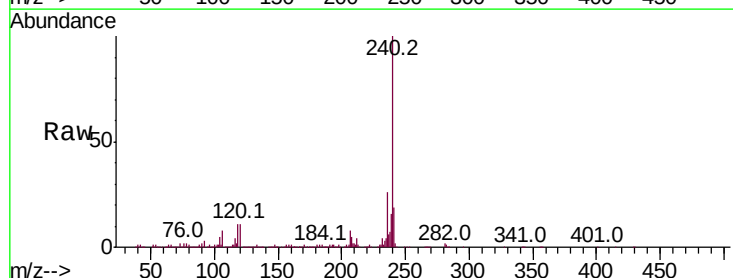
Instrument :
BNA_M
ClientSampled :

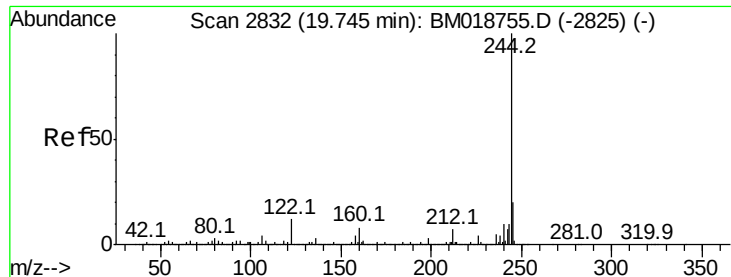
Tot Ion:188 Resp: 1244461
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM019012.D
Acq: 04 Mar 2019 16:41

Tgt Ion:240 Resp: 992749
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 122.342 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM019012.D

Acq: 04 Mar 2019 16:41

Instrument :

BNA_M

ClientSampleId :

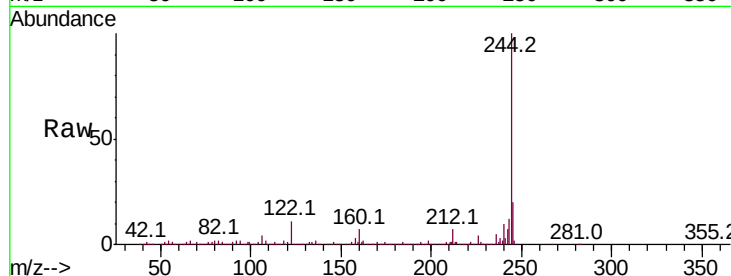
Tot Ion:244 Resp: 5887603

Ion Ratio Lower Upper

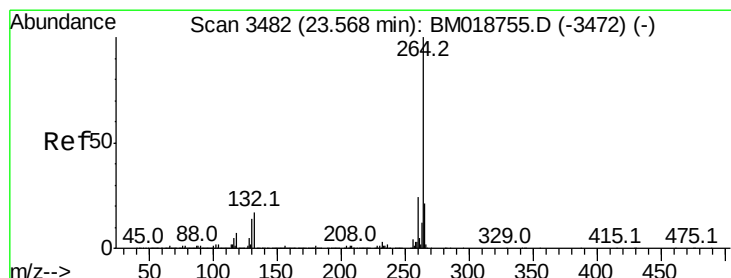
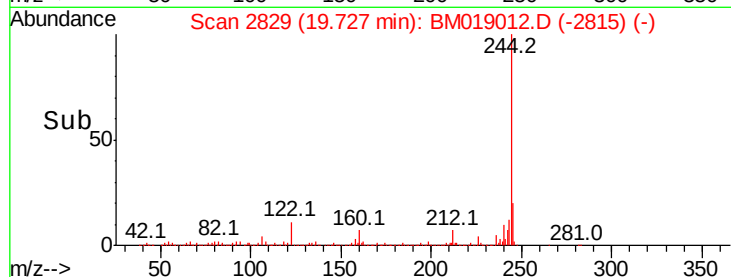
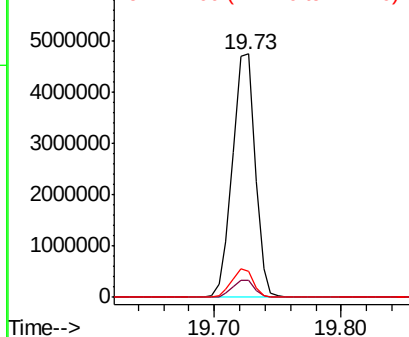
244 100

212 6.8 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: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM019012.D

Acq: 04 Mar 2019 16:41

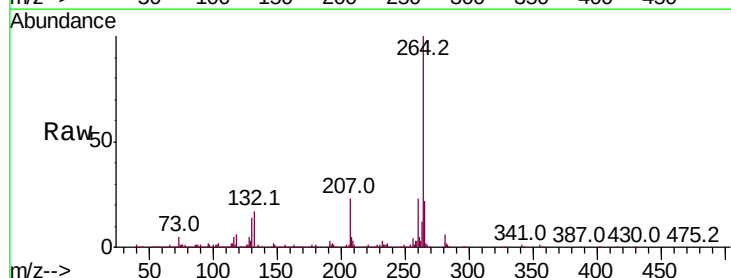
Tgt Ion:264 Resp: 939520

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.0 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

