

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019031.D
 Acq On : 05 Mar 2019 04:41
 Operator : JU/SJ
 Sample : K1688-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 07:07:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

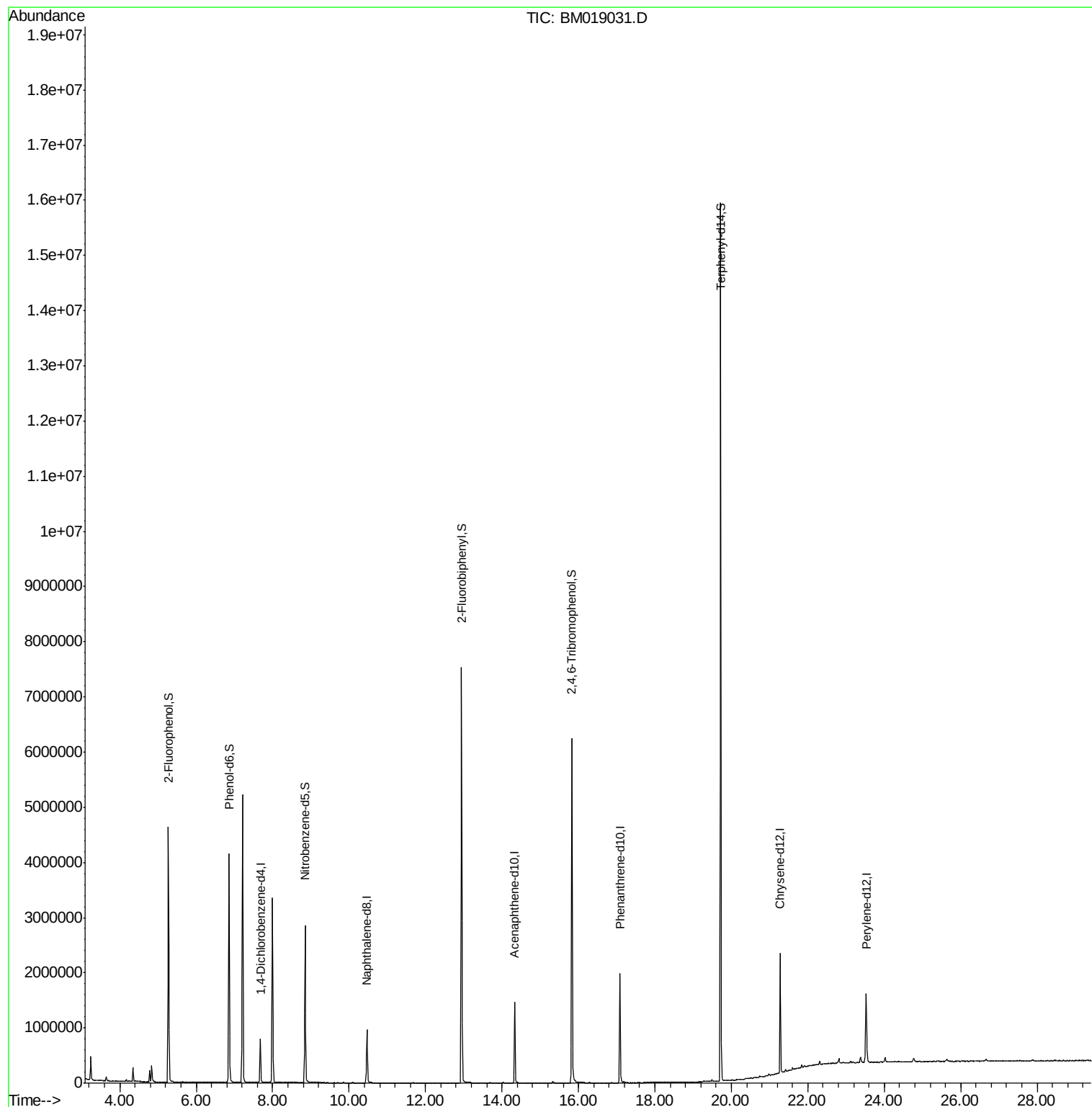
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	210241	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	827602	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	492490	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1138205	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1007198	20.00	ng	0.00
87) Perylene-d12	23.53	264	907799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1848678	144.07	ng	0.00
7) Phenol-d6	6.86	99	2322096	128.46	ng	0.00
23) Nitrobenzene-d5	8.85	82	1843753	103.01	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1193231	168.08	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3681547	99.23	ng	0.00
79) Terphenyl-d14	19.72	244	6522760	133.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	5591	Below Cal	Qvalue #	7

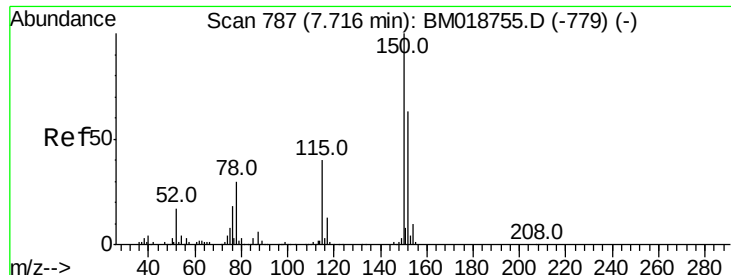
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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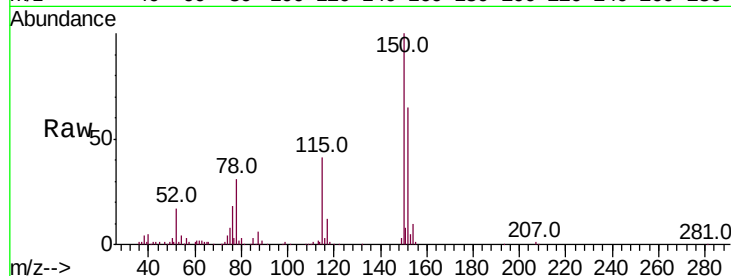


#1

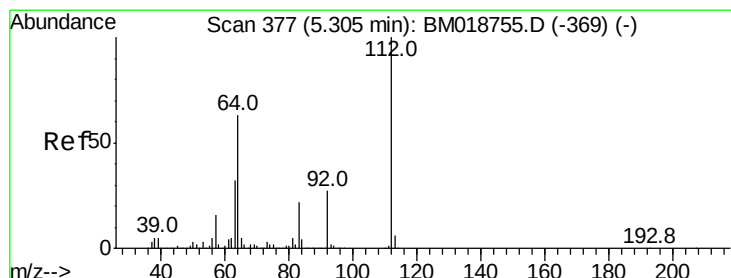
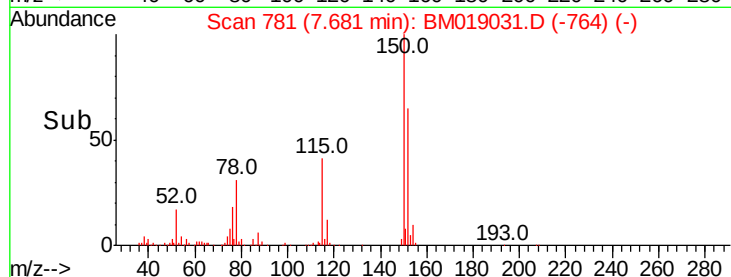
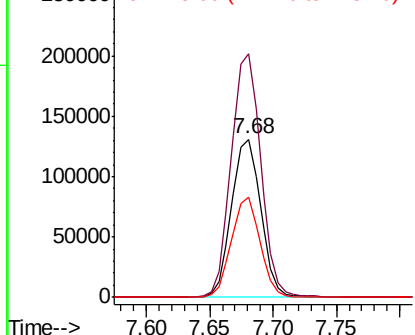
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM019031.D
Acq: 05 Mar 2019 04:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 210241
Ion Ratio Lower Upper
152 100
150 154.1 127.3 190.9
115 63.3 50.8 76.2



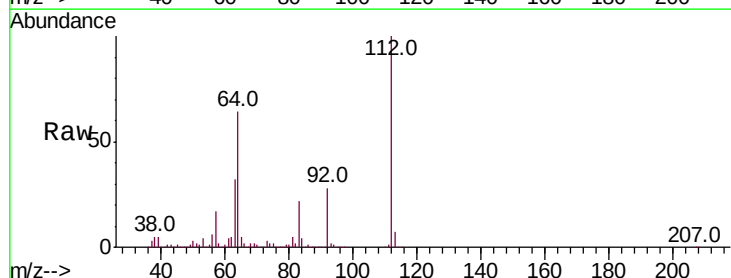
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



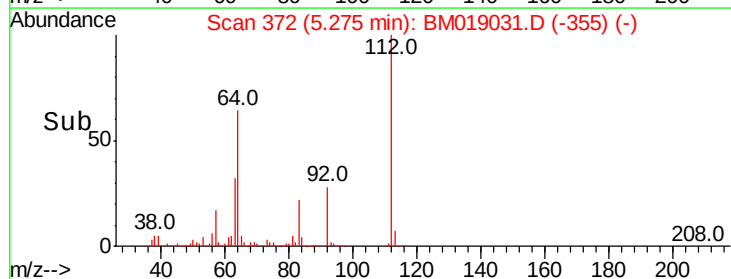
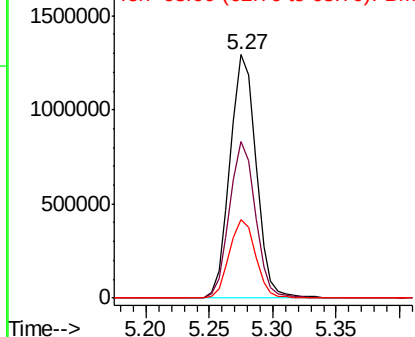
#5

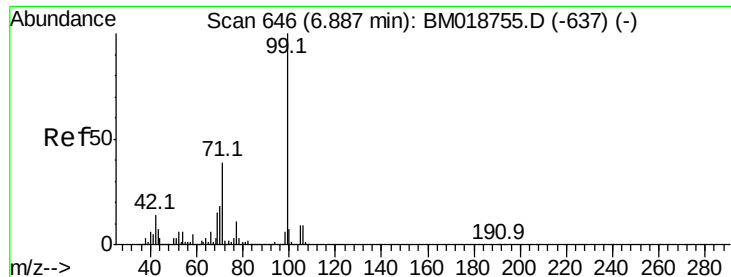
2-Fluorophenol
Concen: 144.073 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019031.D
Acq: 05 Mar 2019 04:41

Tgt Ion:112 Resp: 1848678
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 32.4 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: 128.460 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019031.D

Acq: 05 Mar 2019 04:41

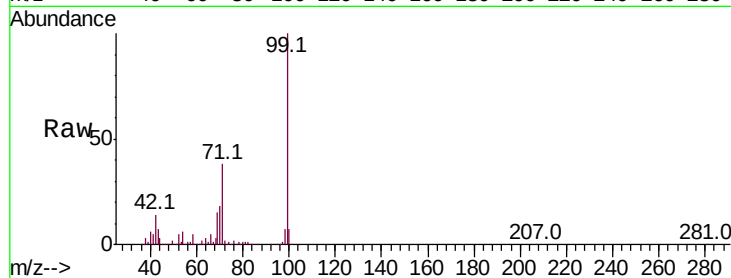
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2322096

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.4	31.3	46.9

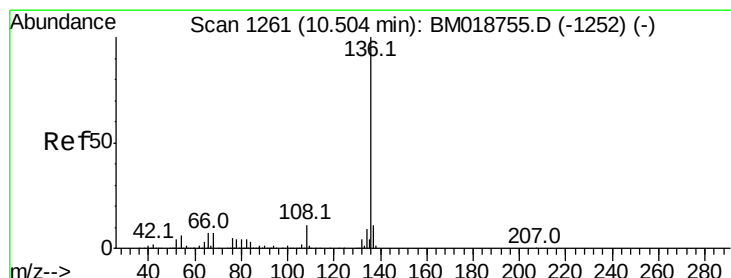
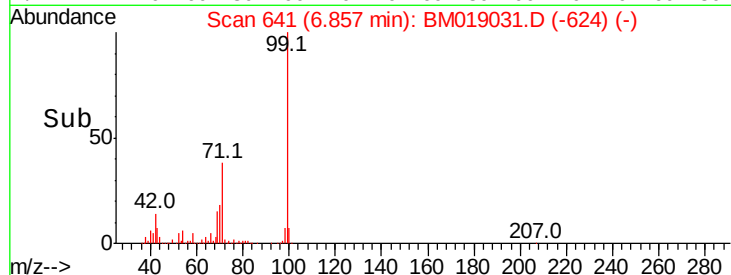
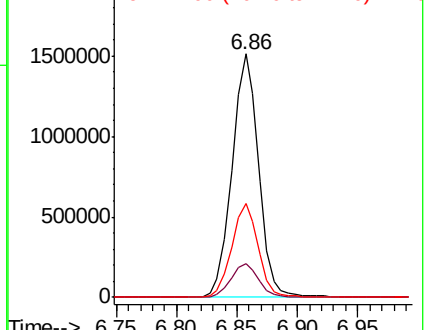


Abundance

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. -0.01 min

Lab File: BM019031.D

Acq: 05 Mar 2019 04:41

Tgt Ion: 136 Resp: 827602

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.0	7.6
68	7.3	5.5	8.3

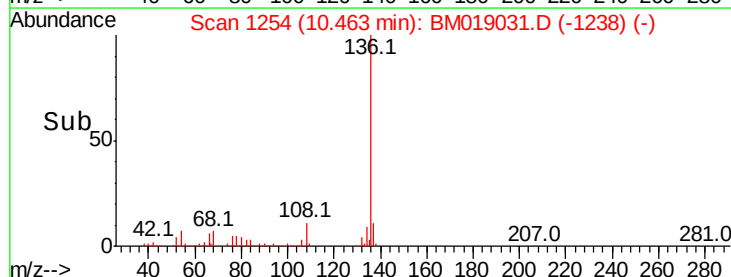
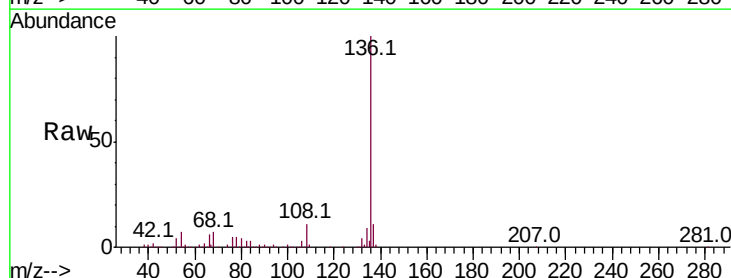
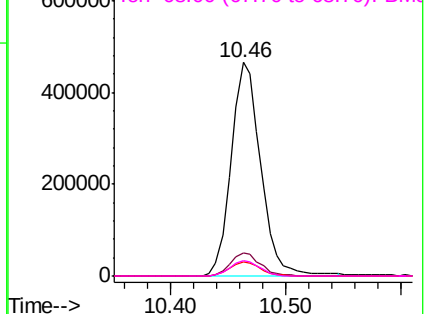
Abundance

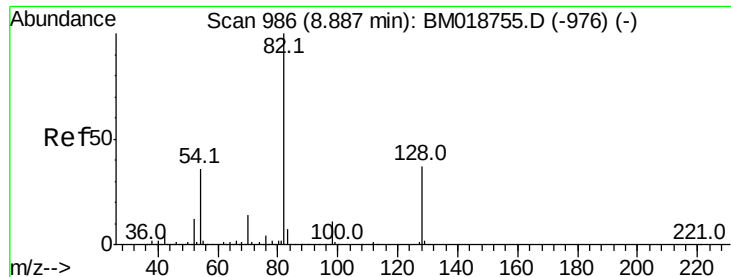
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)



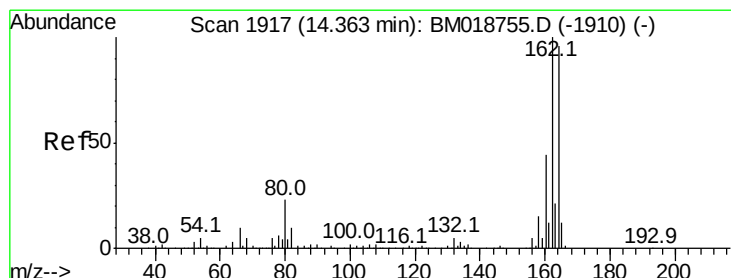
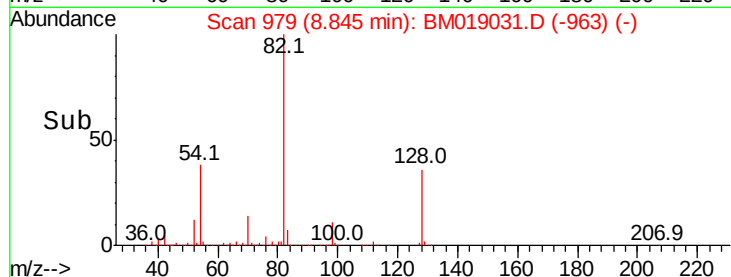
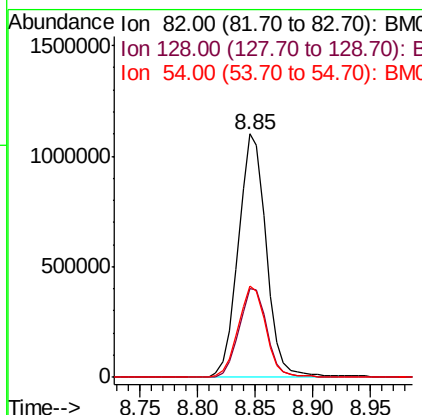
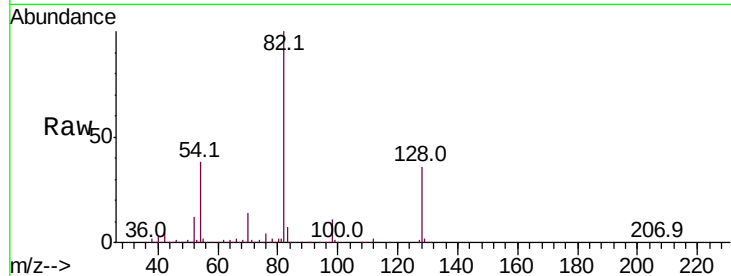


#23
 Nitrobenzene-d5
 Concen: 103.012 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1843753

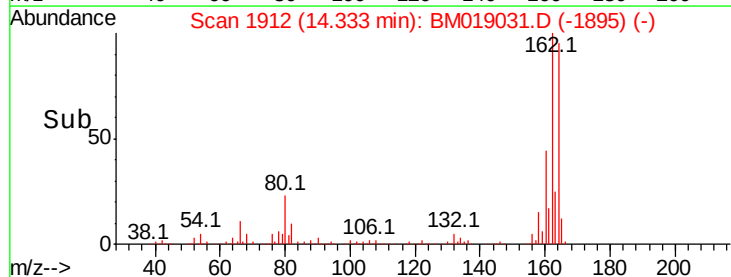
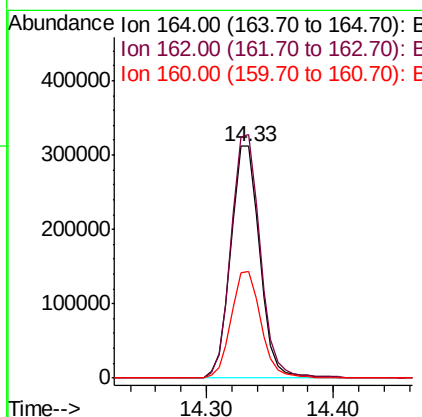
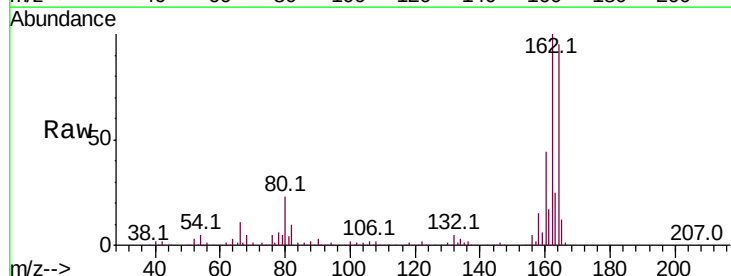
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.9	44.9
54	37.7	29.1	43.7

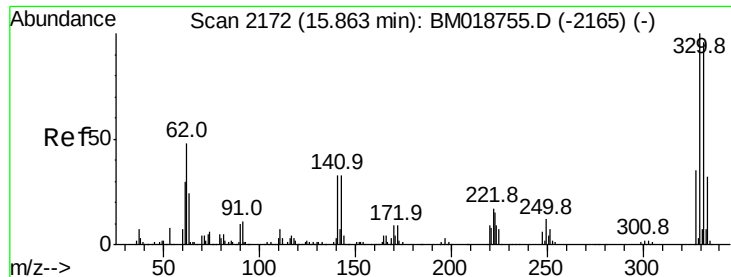


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Tgt Ion: 164 Resp: 492490

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.4	125.0
160	46.0	36.6	55.0

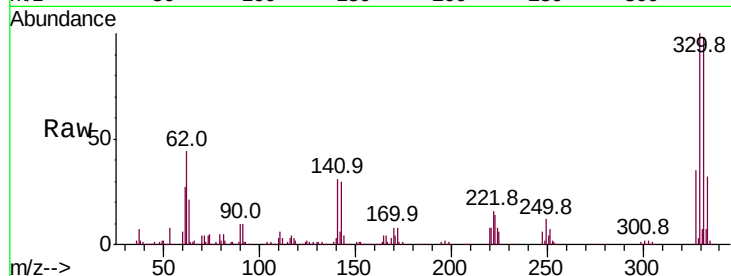




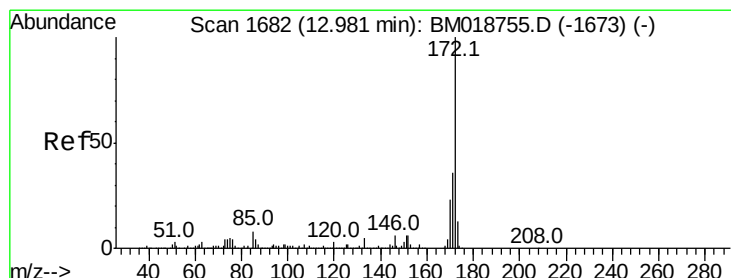
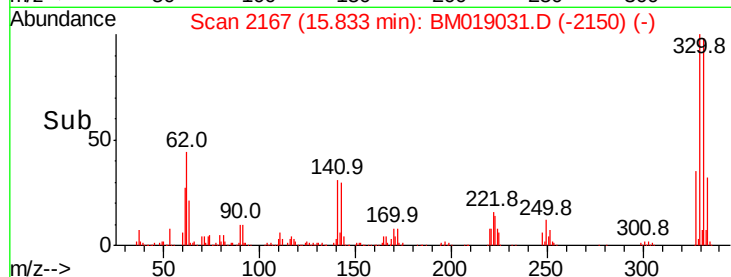
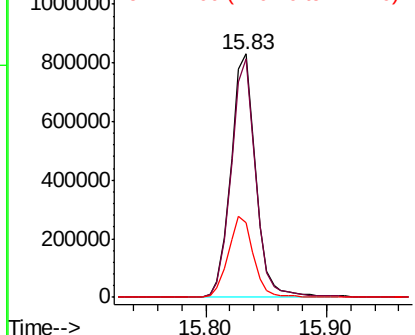
#42
 2,4,6-Tribromophenol
 Concen: 168.082 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1193231
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 34.0 28.7 43.1

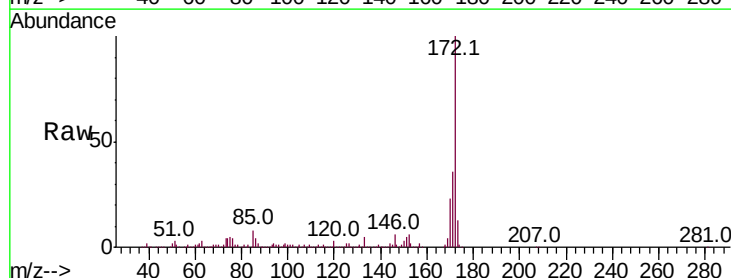


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

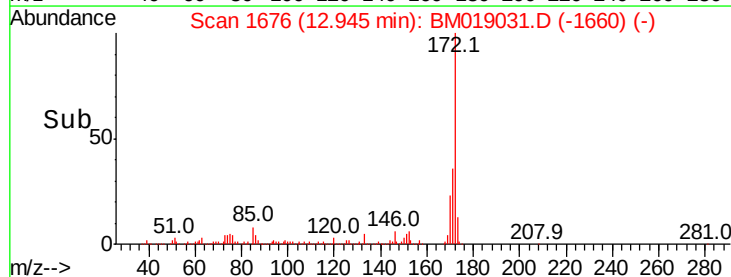
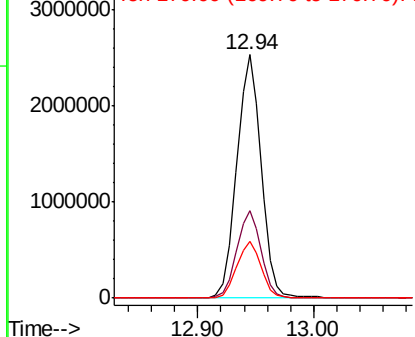


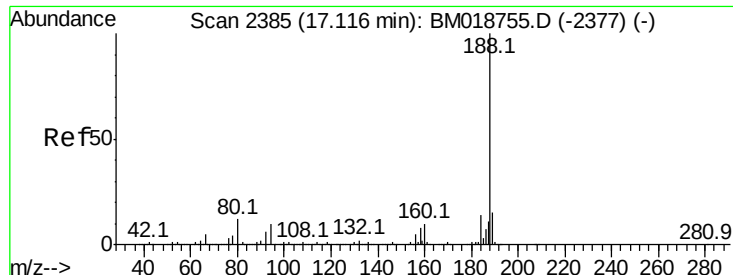
#45
 2-Fluorobiphenyl
 Concen: 99.234 ng
 RT: 12.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Tgt Ion:172 Resp: 3681547
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.4 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. -0.00 min

Lab File: BM019031.D

Acq: 05 Mar 2019 04:41

Instrument :

BNA_M

ClientSampleId :

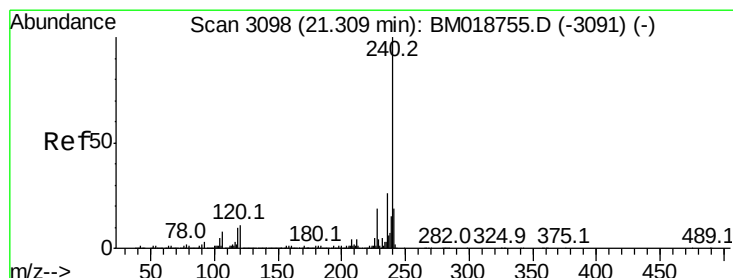
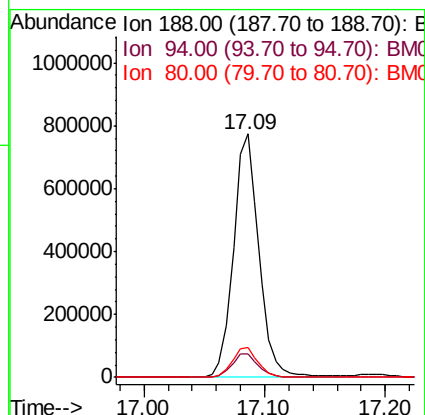
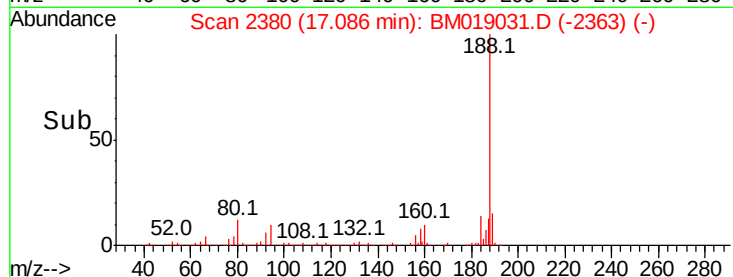
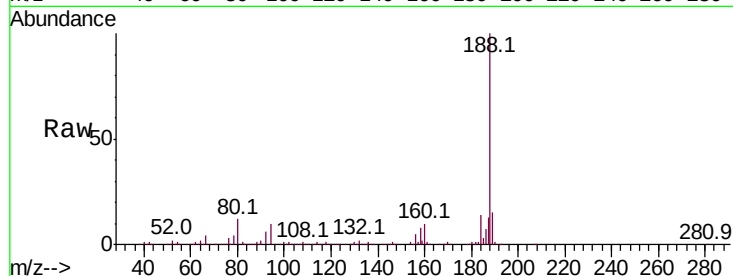
Tot Ion:188 Resp: 1138205

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 12.2 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019031.D

Acq: 05 Mar 2019 04:41

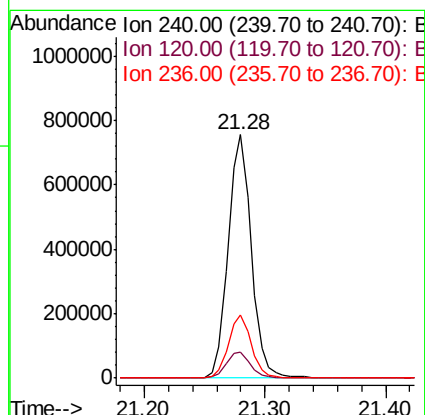
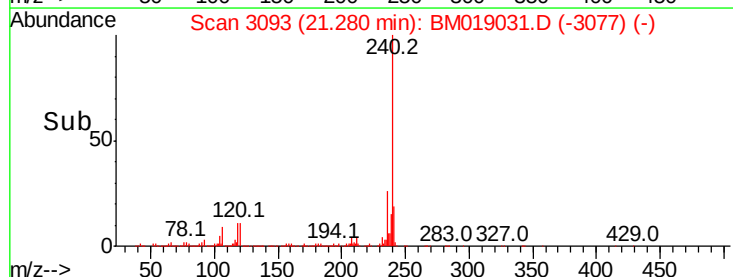
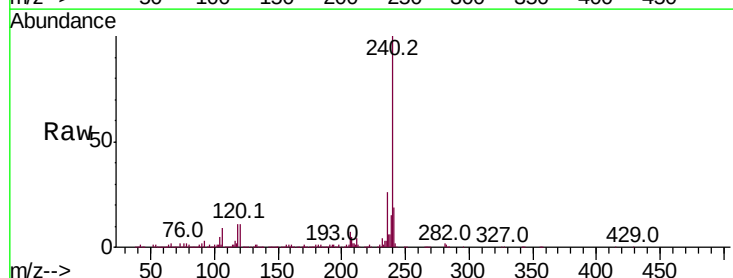
Tgt Ion:240 Resp: 1007198

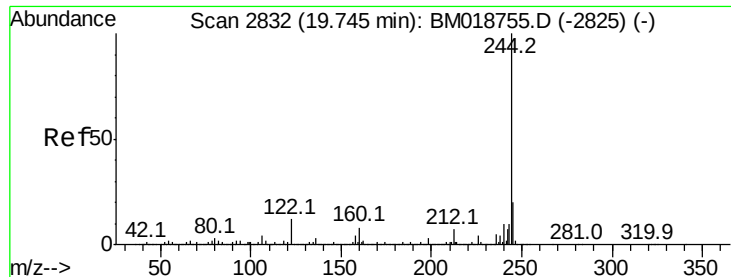
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.8 20.9 31.3



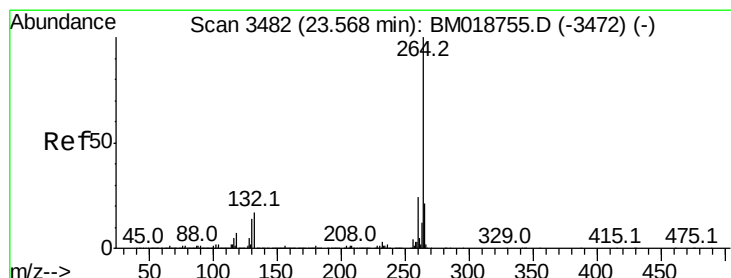
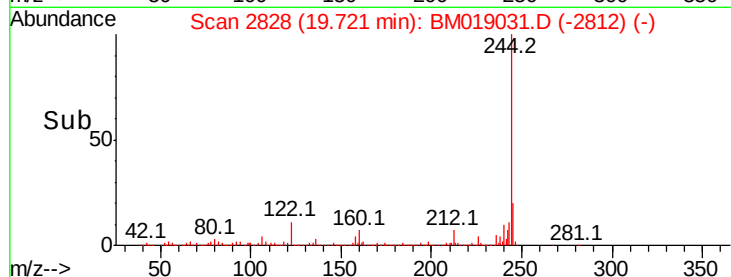
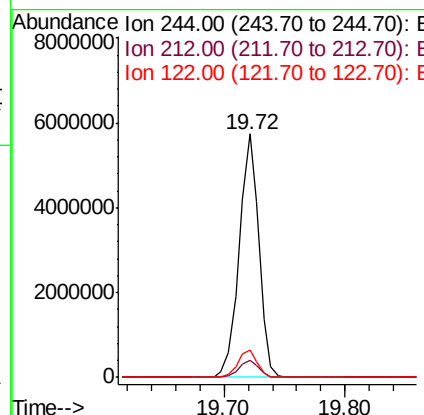
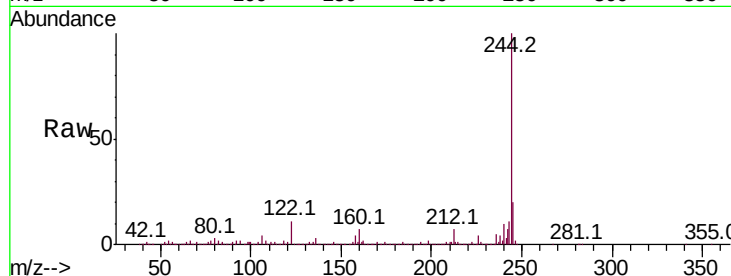


#79
 Terphenyl-d14
 Concen: 133.596 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6522760

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.2	9.3	13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3475
 Delta R.T. -0.01 min
 Lab File: BM019031.D
 Acq: 05 Mar 2019 04:41

Tgt Ion:264 Resp: 907799

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.1	17.3	25.9

