

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019014.D
 Acq On : 04 Mar 2019 17:53
 Operator : JU/SJ
 Sample : K1655-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:33:55 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

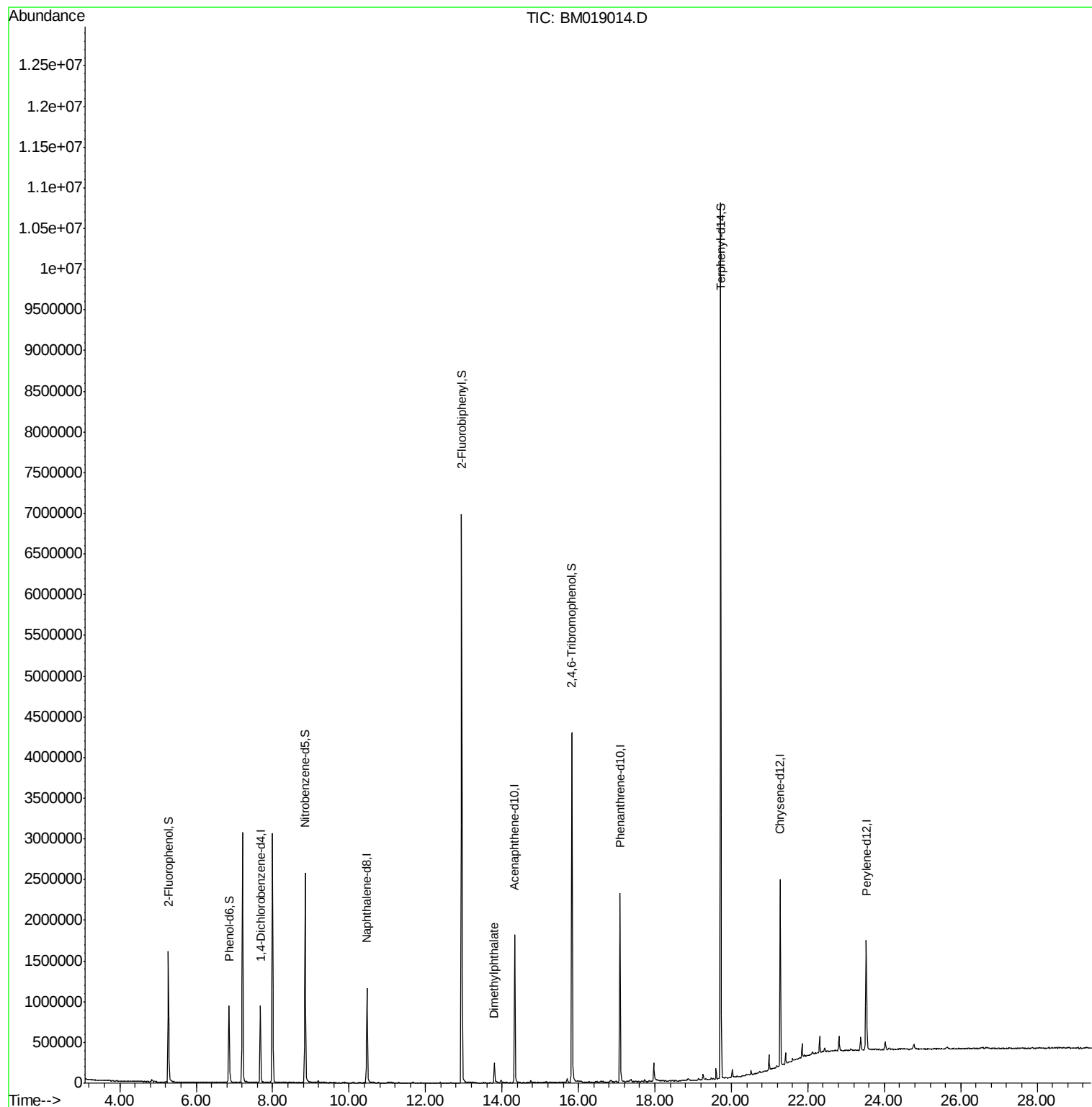
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	244223	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	997931	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	575806	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1255498	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	997863	20.00	ng	-0.03
87) Perylene-d12	23.53	264	929195	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	653159	43.82	ng	-0.03
7) Phenol-d6	6.86	99	560256	26.68	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1699132	78.73	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	823034	99.16	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3441827	79.35	ng	-0.04
79) Terphenyl-d14	19.72	244	4650142	96.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	2073	Below Cal	Qvalue # 7	
50) Dimethylphthalate	13.80	163	173024	3.606 ng	99	

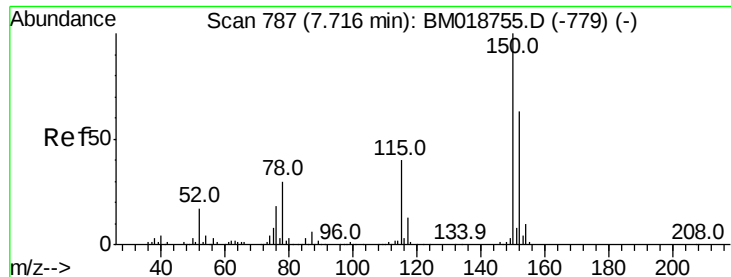
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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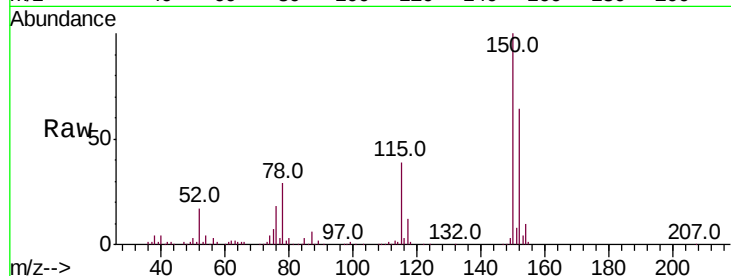


#1

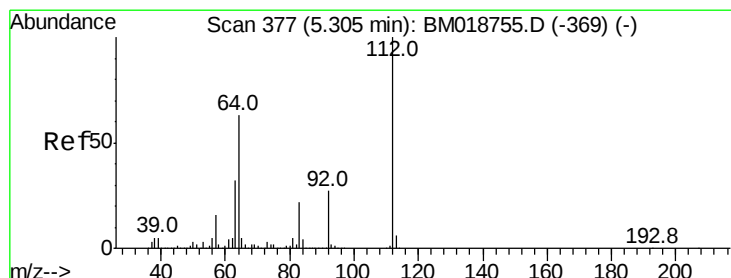
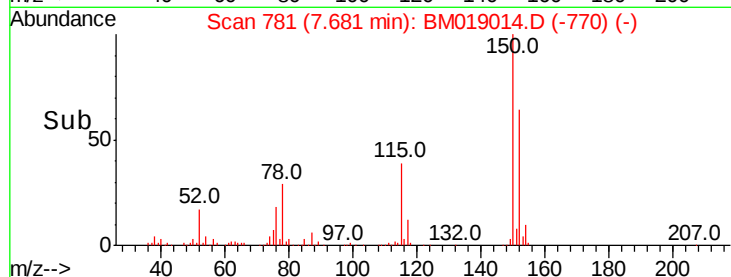
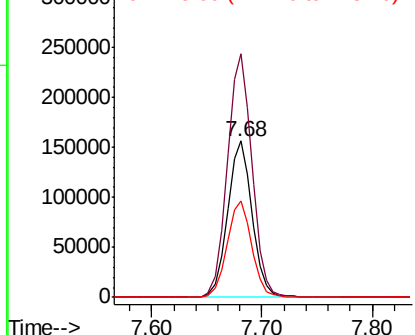
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019014.D
Acq: 04 Mar 2019 17:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 244223
Ion Ratio Lower Upper
152 100
150 155.8 127.3 190.9
115 61.4 50.8 76.2



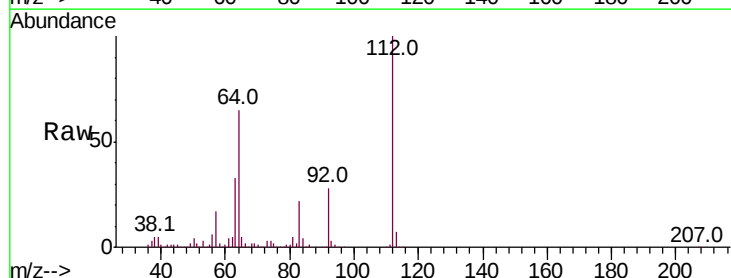
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



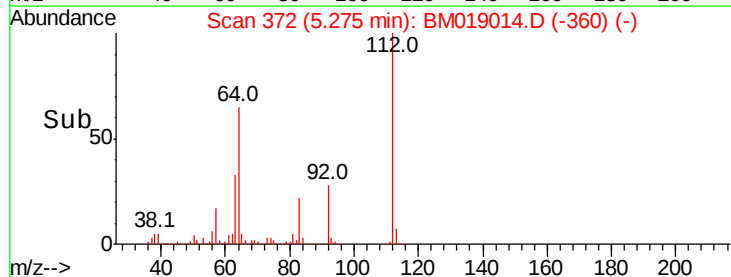
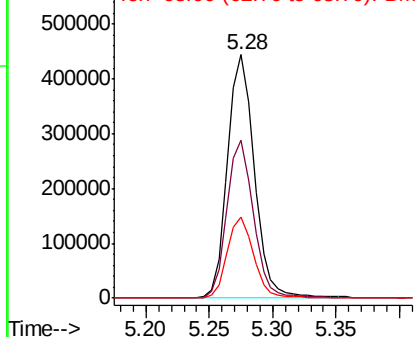
#5

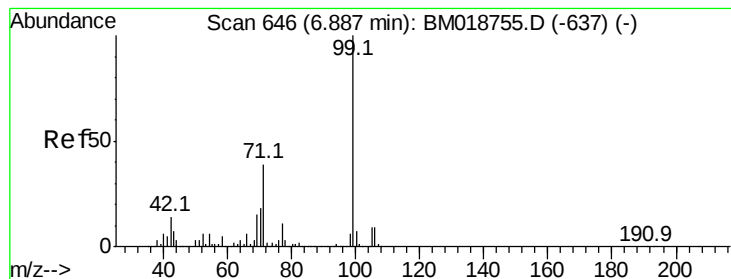
2-Fluorophenol
Concen: 43.820 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM019014.D
Acq: 04 Mar 2019 17:53

Tgt Ion:112 Resp: 653159
Ion Ratio Lower Upper
112 100
64 64.7 50.6 75.8
63 33.2 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: 26.681 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019014.D

Acq: 04 Mar 2019 17:53

Instrument :

BNA_M

ClientSampleId :

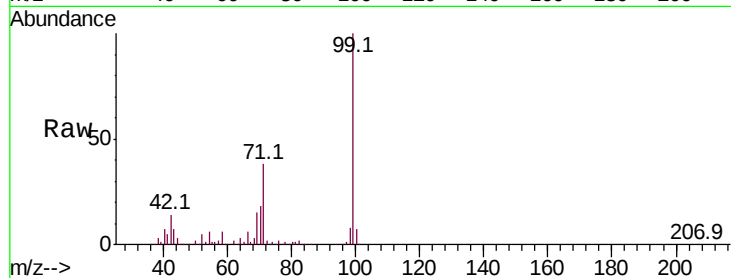
Tot Ion: 99 Resp: 560256

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

71 38.3 31.3 46.9

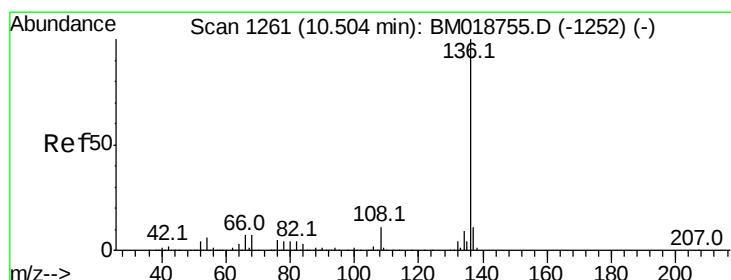
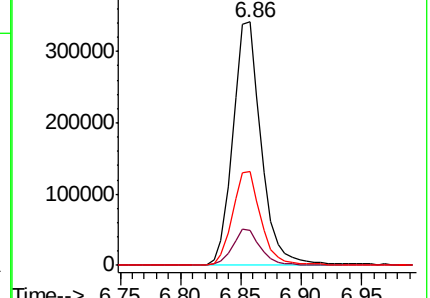
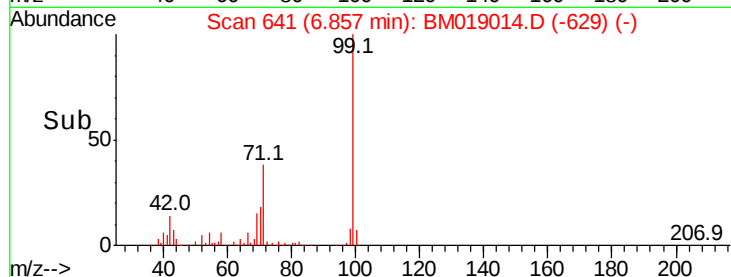


Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

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

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

6.86



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BM019014.D

Acq: 04 Mar 2019 17:53

Tgt Ion: 136 Resp: 997931

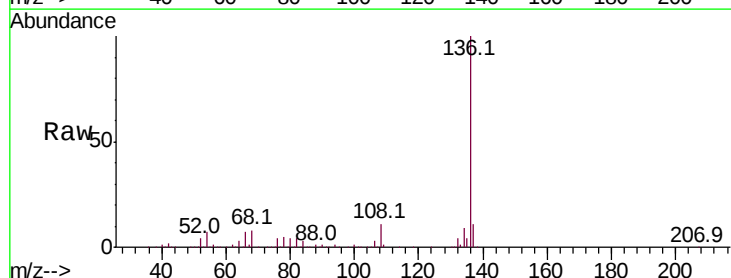
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.9 5.0 7.6

68 7.6 5.5 8.3



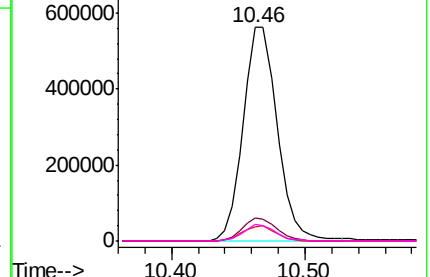
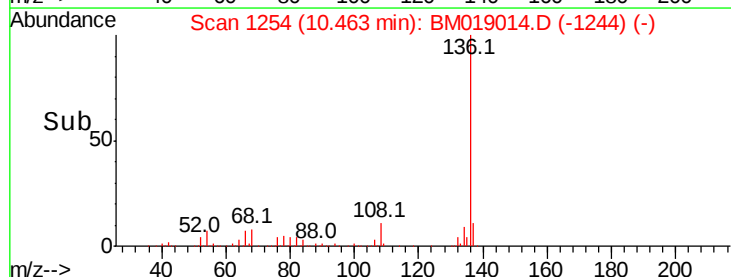
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

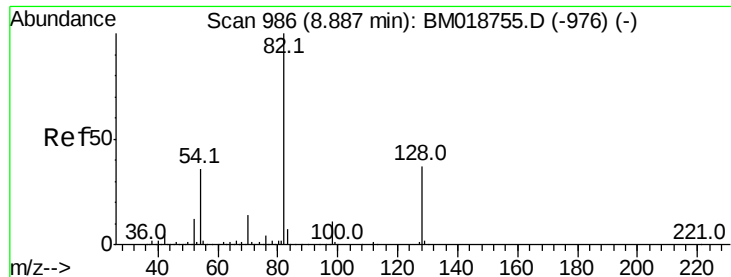
Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

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

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

10.46



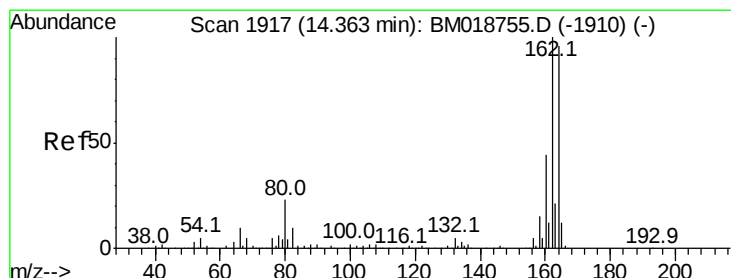
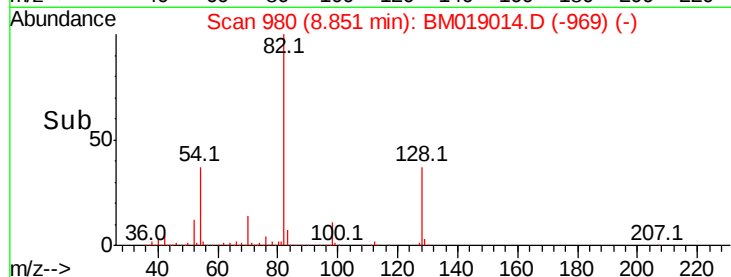
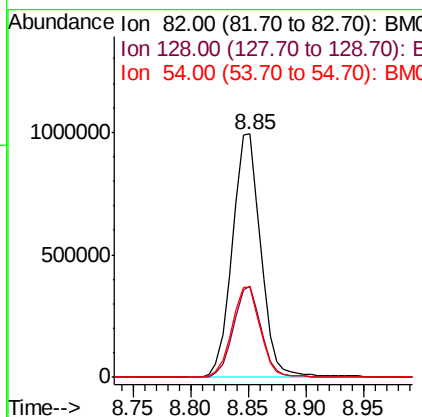
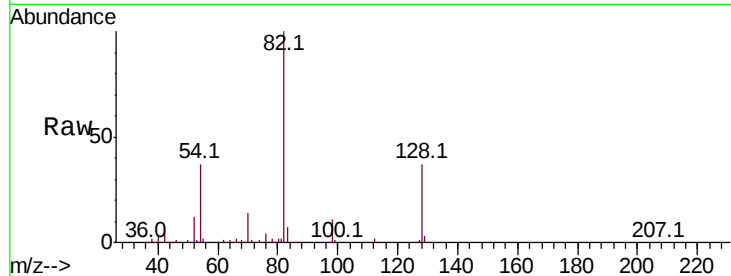


#23
 Nitrobenzene-d5
 Concen: 78.728 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1699132

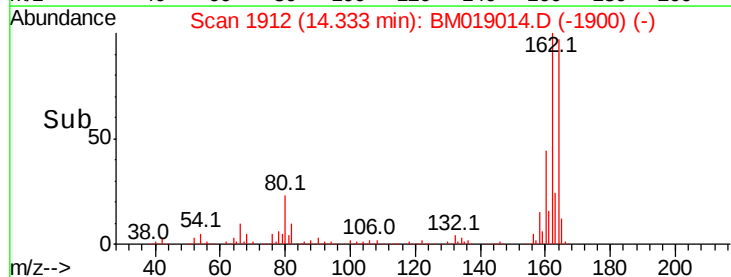
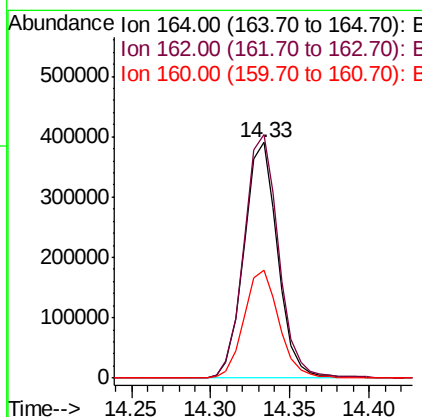
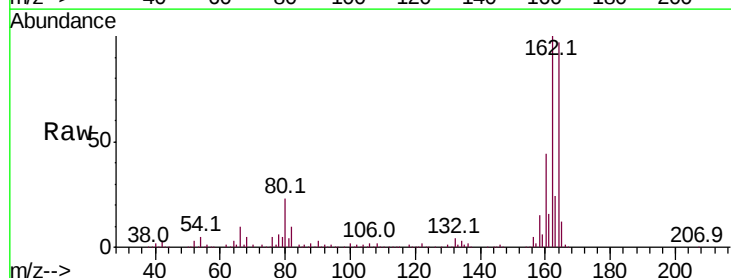
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	37.0	29.1	43.7

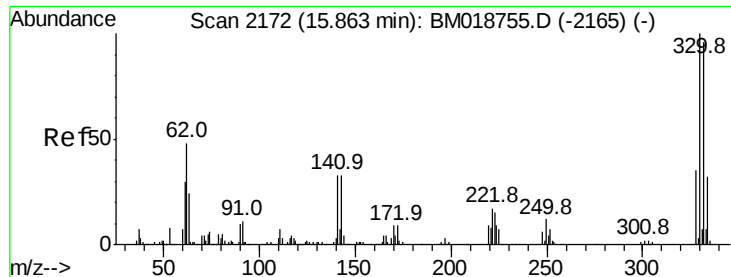


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

Tgt Ion: 164 Resp: 575806

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	46.0	36.6	55.0

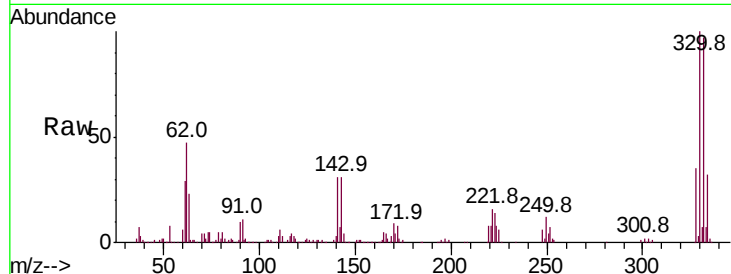




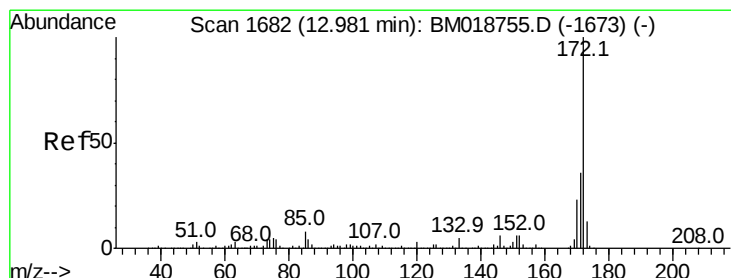
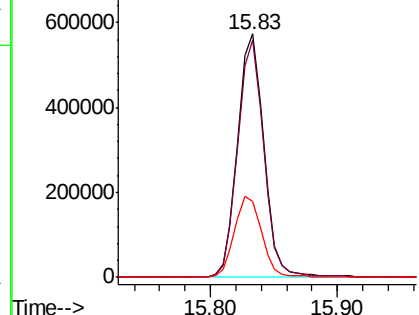
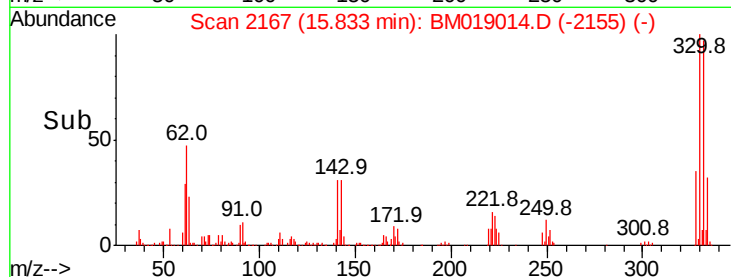
#42
 2,4,6-Tribromophenol
 Concen: 99.160 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	34.6	28.7	43.1

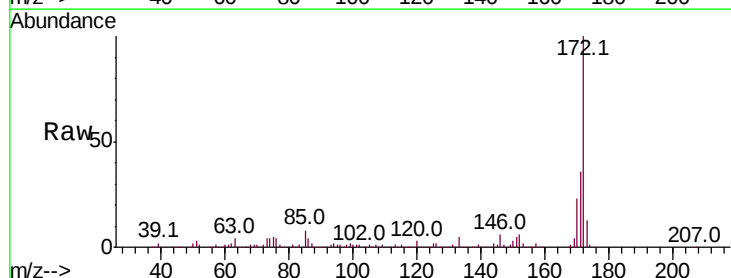


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

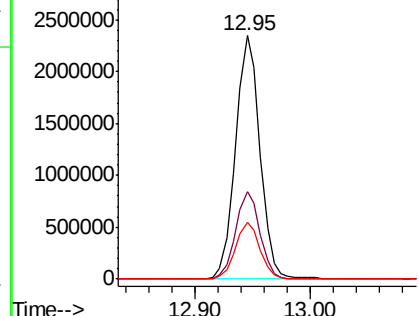
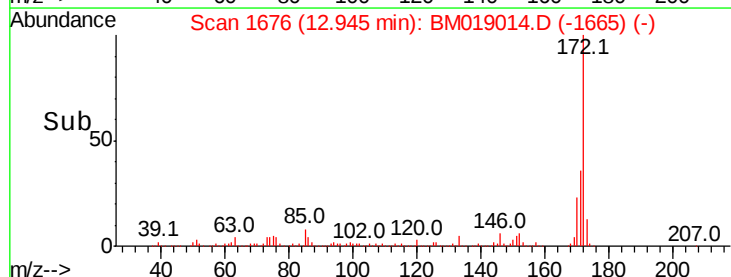


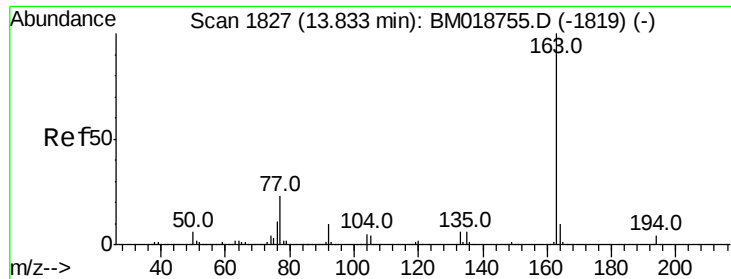
#45
 2-Fluorobiphenyl
 Concen: 79.349 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.5	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

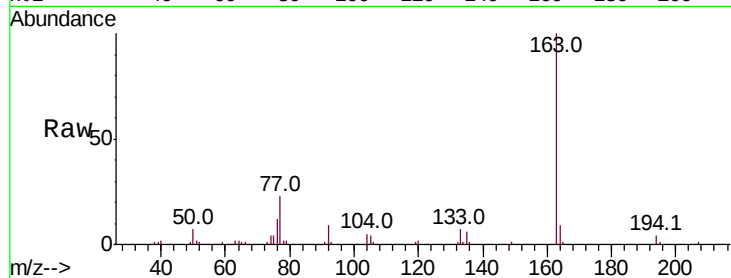




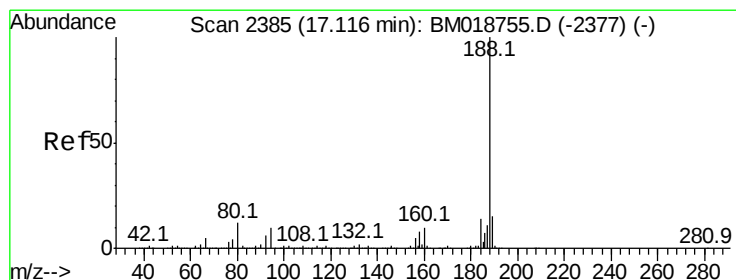
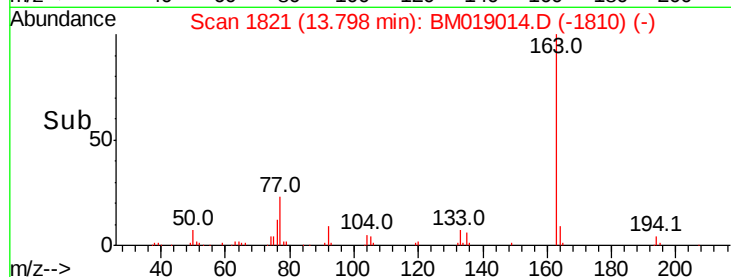
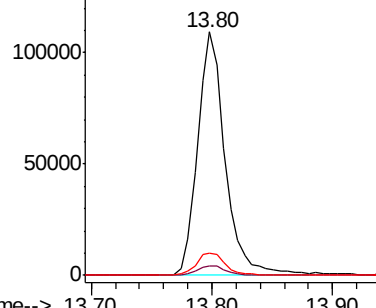
#50
Dimethylphthalate
Concen: 3.606 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM019014.D
Acq: 04 Mar 2019 17:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:163 Resp: 173024
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.2 7.8 11.8

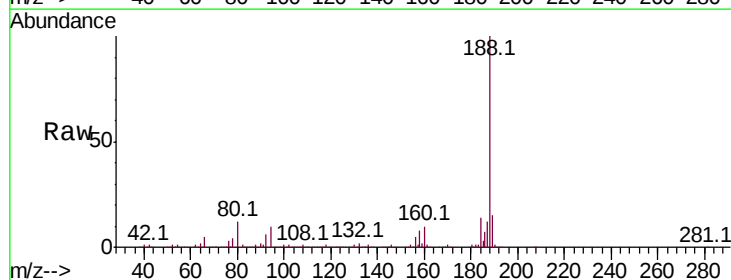


Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

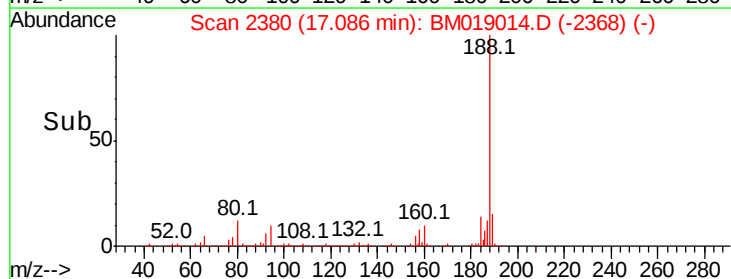
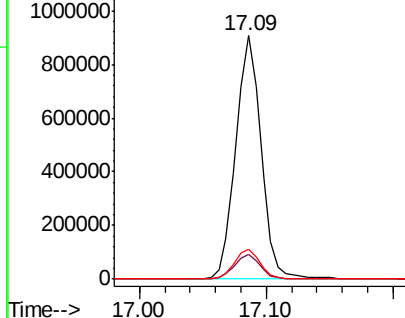


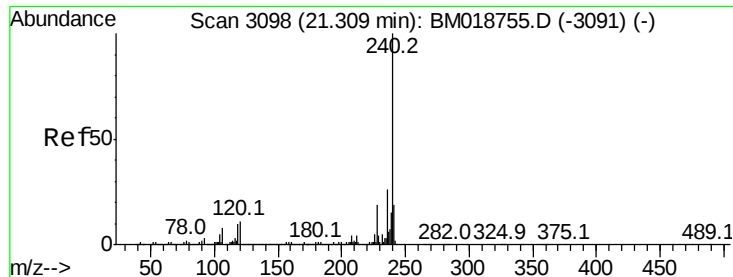
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019014.D
Acq: 04 Mar 2019 17:53

Tgt Ion:188 Resp: 1255498
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.5 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

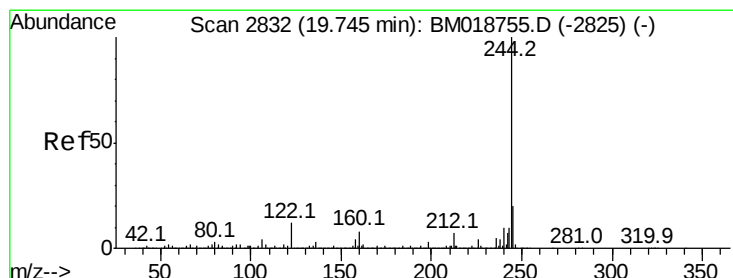
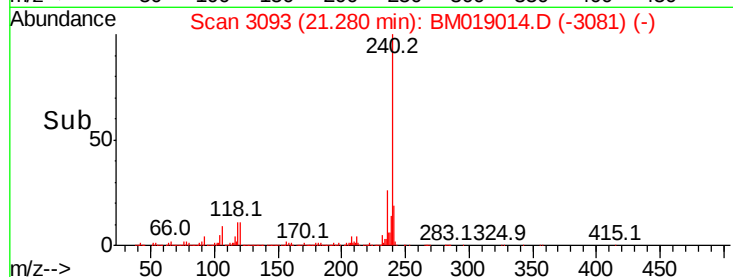
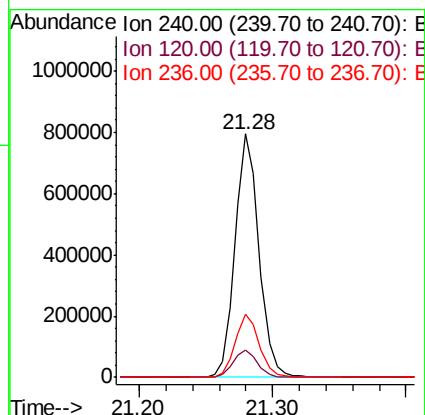
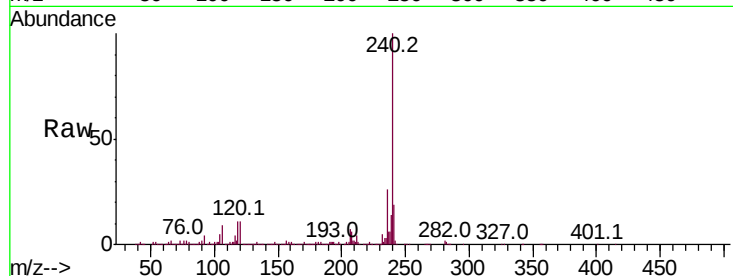




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.03 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

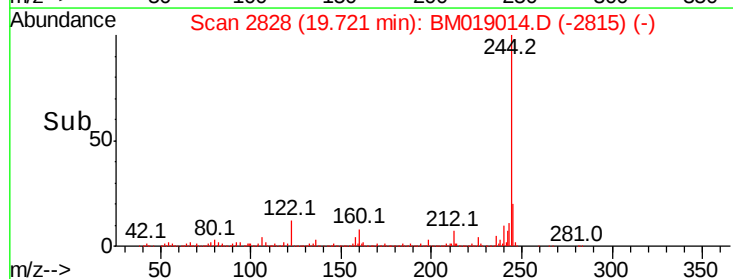
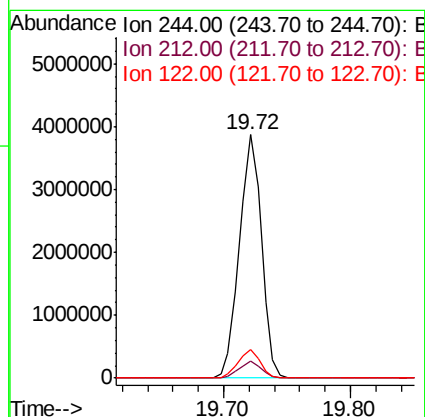
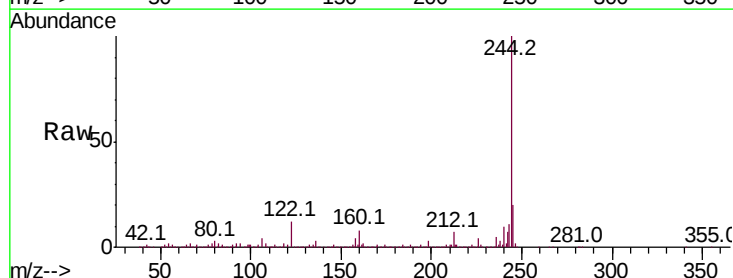
Instrument :
 BNA_M
 ClientSampleId :

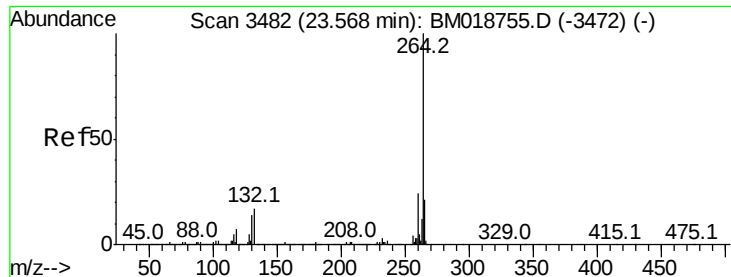
Tot Ion:240 Resp: 997863
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.9 13.3
 236 26.1 20.9 31.3



#79
 Terphenyl-d14
 Concen: 96.133 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019014.D
 Acq: 04 Mar 2019 17:53

Tgt Ion:244 Resp: 4650142
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 9.3 13.9

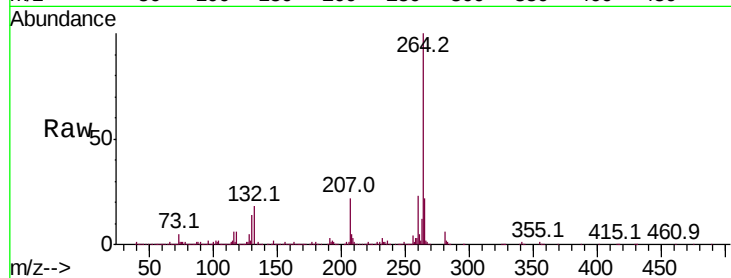




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.04 min
Lab File: BM019014.D
Acq: 04 Mar 2019 17:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

