

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020057.D
 Acq On : 24 Apr 2019 04:52
 Operator : JU/SJ
 Sample : PB118804BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 08:04:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

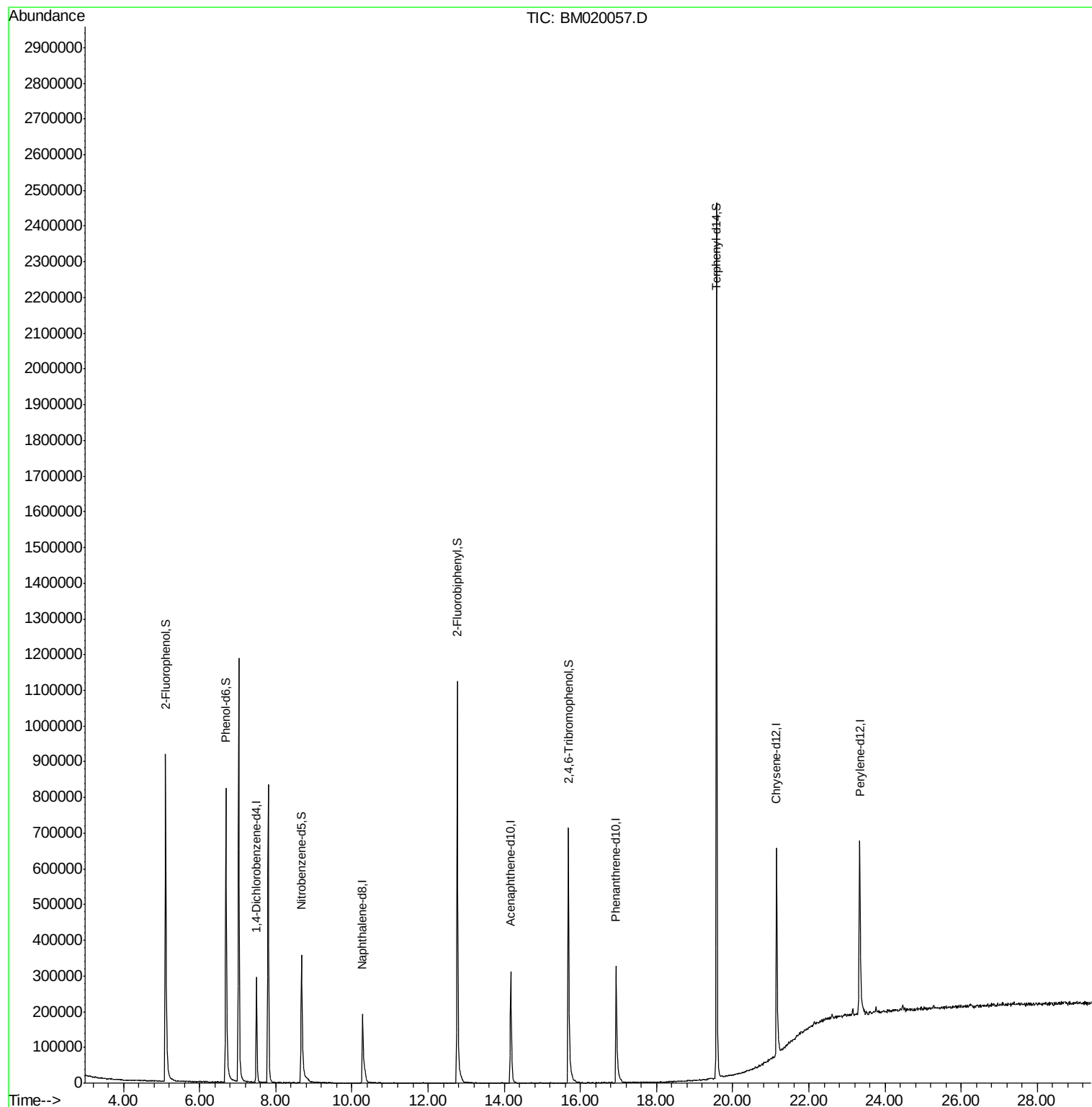
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	77889	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	233126	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	139300	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	292750	20.00	ng	0.00
76) Chrysene-d12	21.15	240	365345	20.00	ng	-0.01
87) Perylene-d12	23.33	264	423460	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	445449	92.69	ng	-0.02
7) Phenol-d6	6.69	99	556866	76.99	ng	-0.02
23) Nitrobenzene-d5	8.67	82	335976	64.45	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	178889	79.78	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	706453	63.20	ng	-0.02
79) Terphenyl-d14	19.57	244	1181283	57.03	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	954	Below Cal	Qvalue #	7

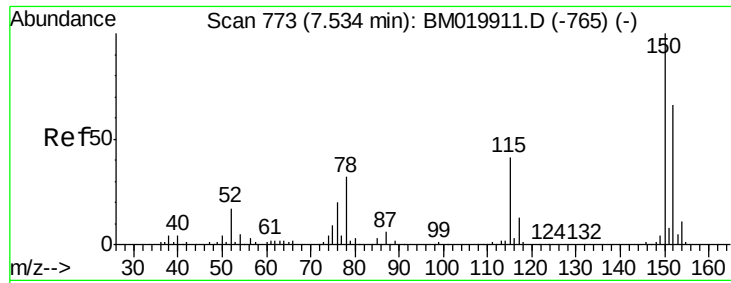
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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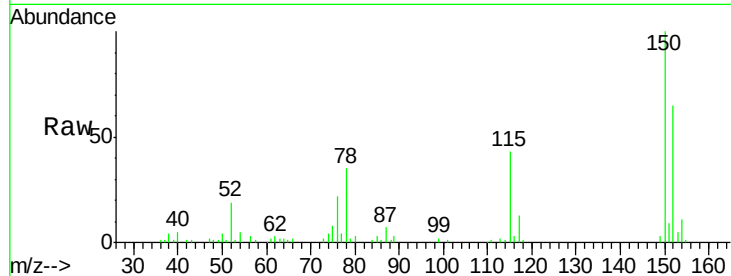




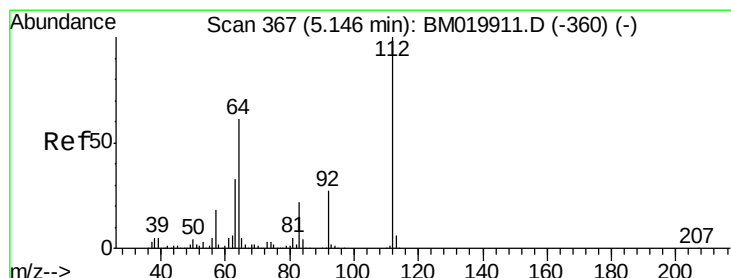
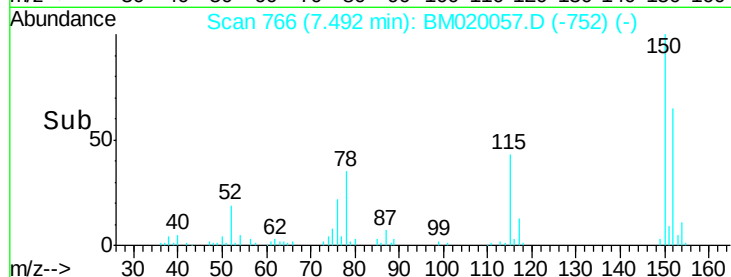
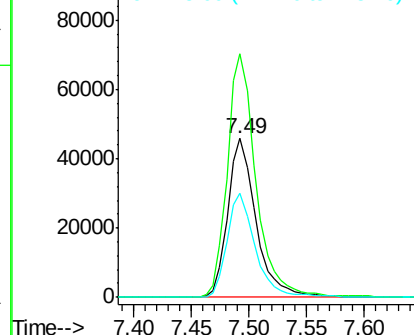
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 77889
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.1 183.1
 115 65.2 50.0 75.0

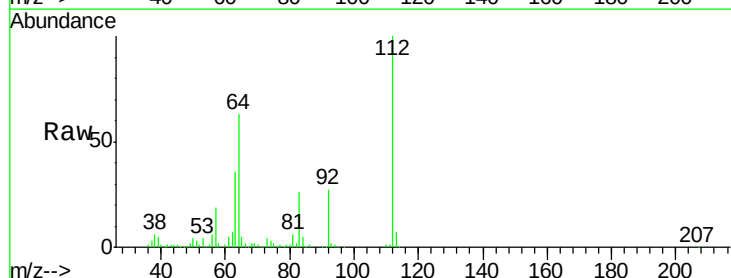


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

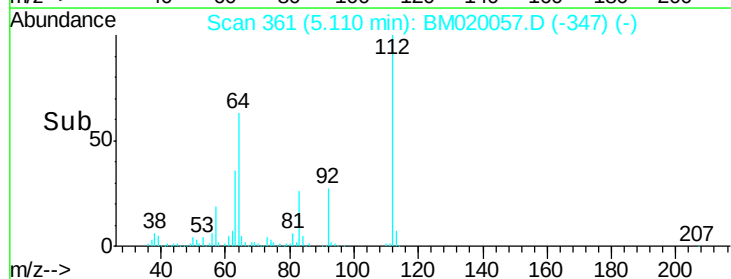
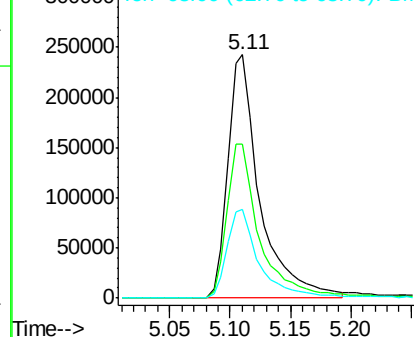


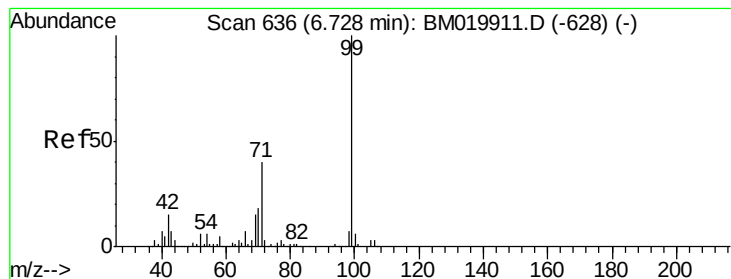
#5
 2-Fluorophenol
 Concen: 92.685 ng
 RT: 5.11 min Scan# 361
 Delta R.T. -0.02 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Tgt Ion:112 Resp: 445449
 Ion Ratio Lower Upper
 112 100
 64 63.0 49.1 73.7
 63 36.3 26.5 39.7



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: 76.990 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020057.D

Acq: 24 Apr 2019 04:52

Instrument :

BNA_M

ClientSampleId :

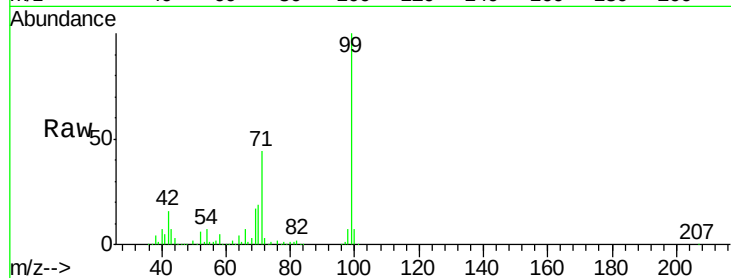
Tot Ion: 99 Resp: 556866

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

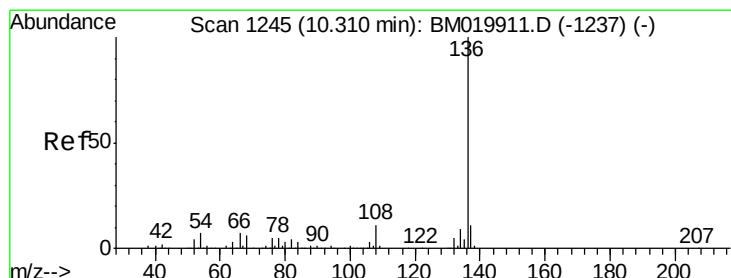
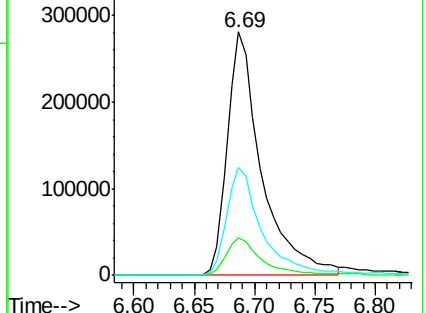
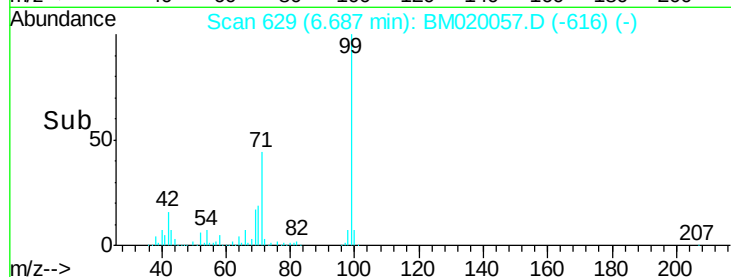
71 44.4 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020057.D

Acq: 24 Apr 2019 04:52

Tgt Ion: 136 Resp: 233126

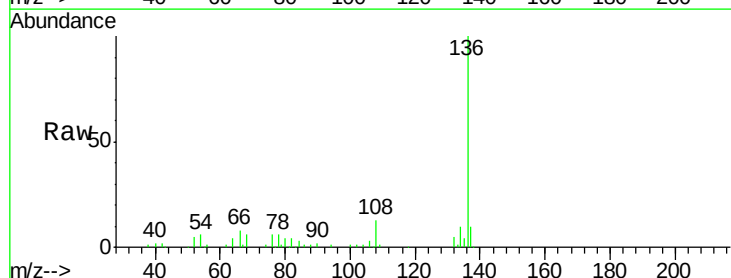
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.3 5.3 7.9

68 5.6 5.2 7.8

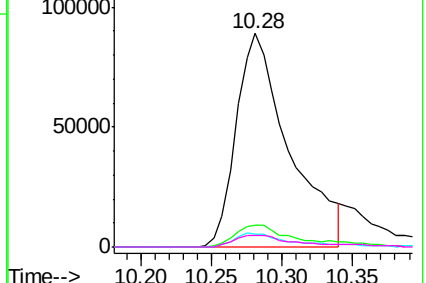
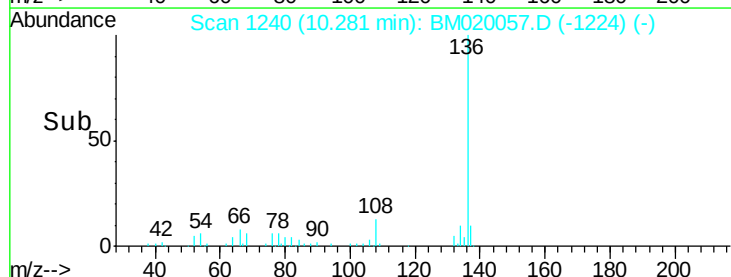


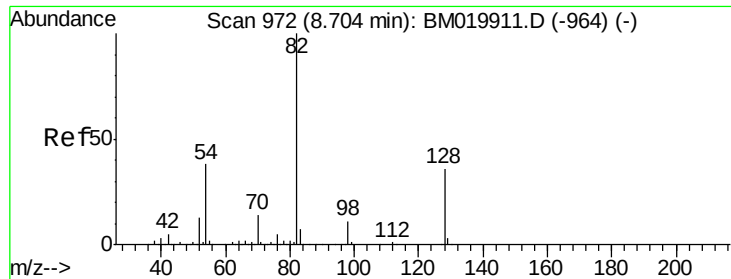
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)

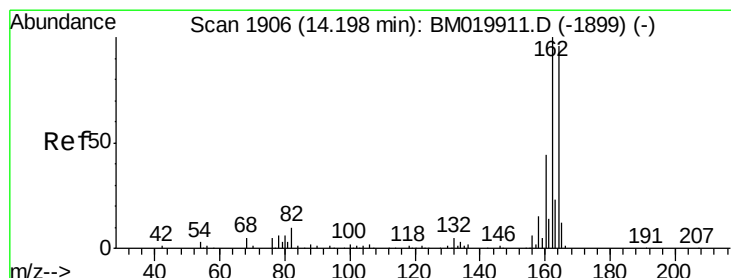
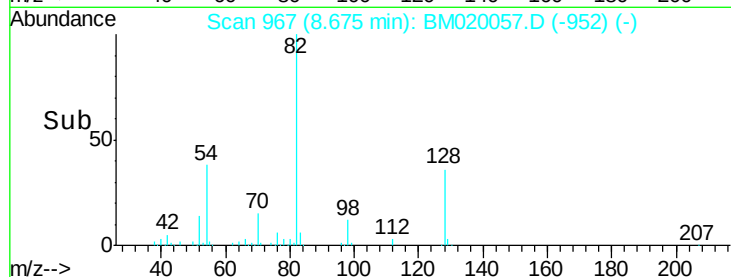
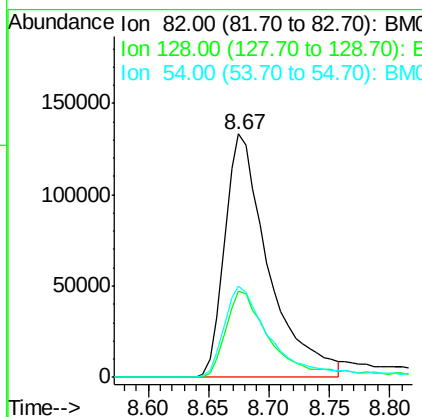
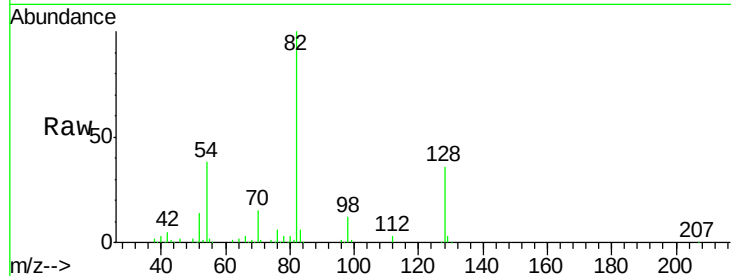




#23
Nitrobenzene-d5
Concen: 64.451 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020057.D
Acq: 24 Apr 2019 04:52

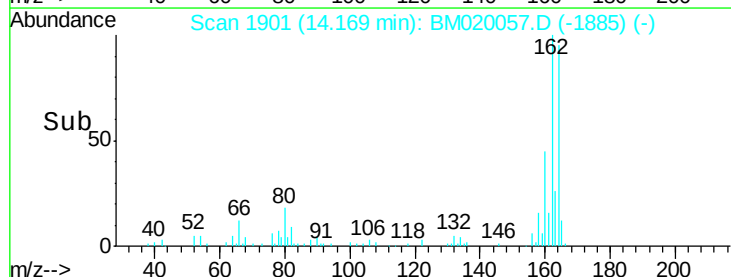
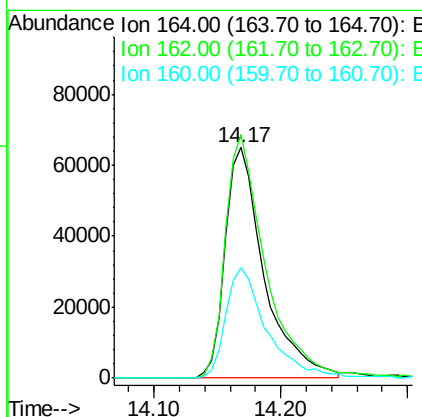
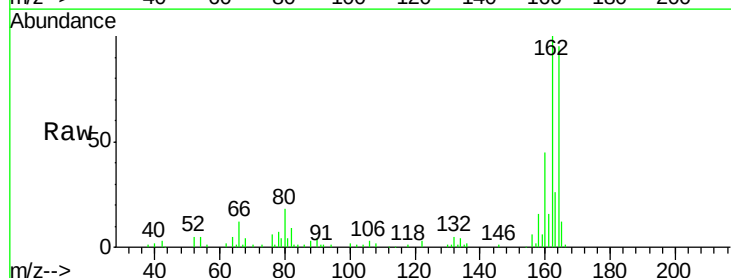
Instrument :
BNA_M
ClientSampleId :

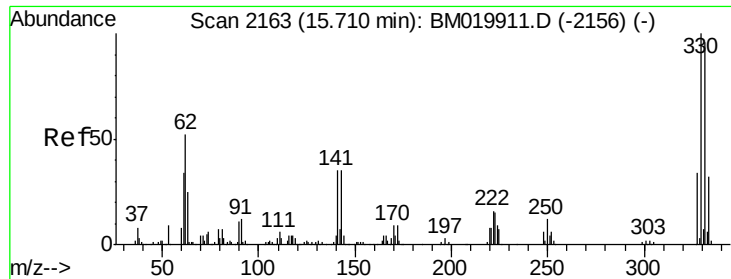
Tot Ion	82	Resp	335976
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.0	43.4
54	37.8	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020057.D
Acq: 24 Apr 2019 04:52

Tgt Ion	164	Resp	139300
Ion Ratio	Lower	Upper	
164	100		
162	105.6	83.0	124.4
160	47.7	36.6	55.0

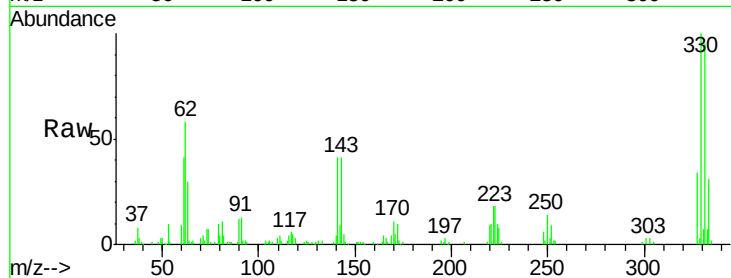




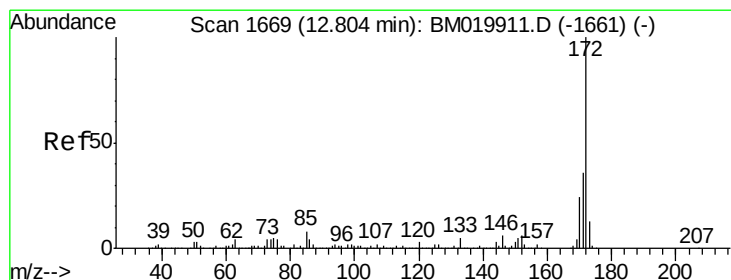
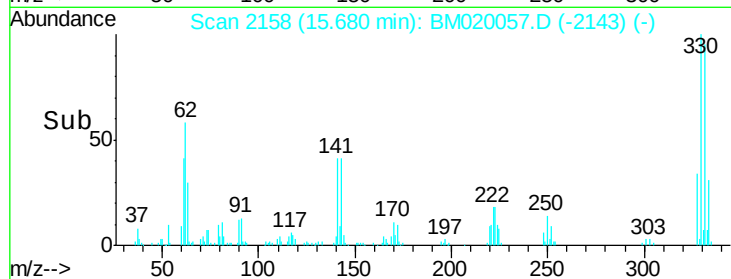
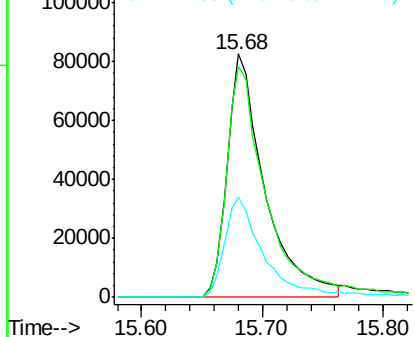
#42
 2,4,6-Tribromophenol
 Concen: 79.778 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	41.2	29.0	43.4

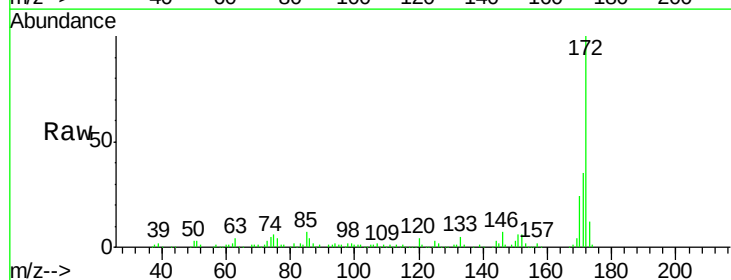


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

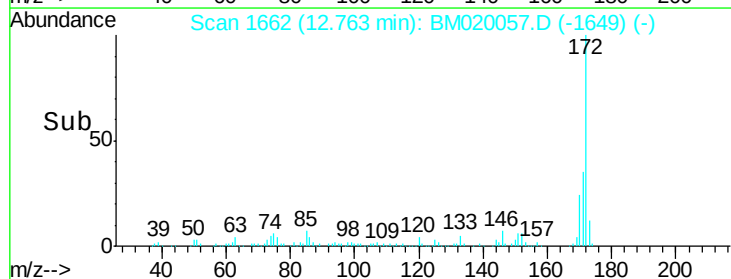
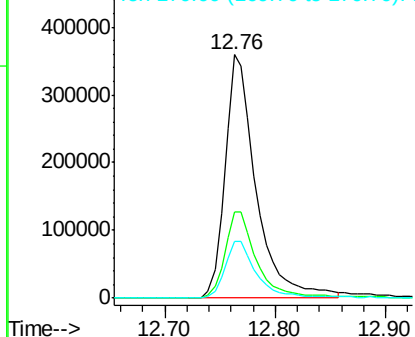


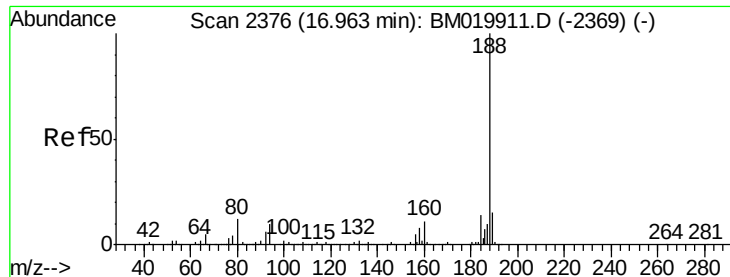
#45
 2-Fluorobiphenyl
 Concen: 63.202 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.5	19.0	28.4



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: 16.94 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM020057.D

Acq: 24 Apr 2019 04:52

Instrument :

BNA_M

ClientSampleId :

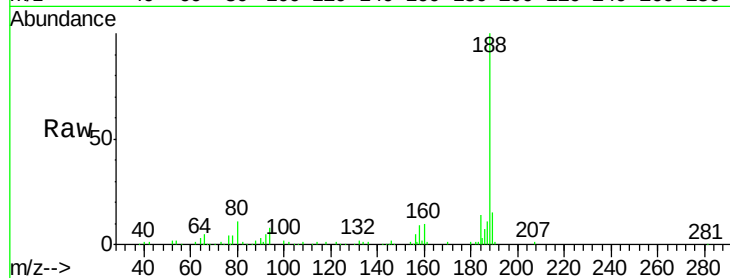
Tot Ion:188 Resp: 292750

Ion Ratio Lower Upper

188 100

94 7.6 7.6 11.4

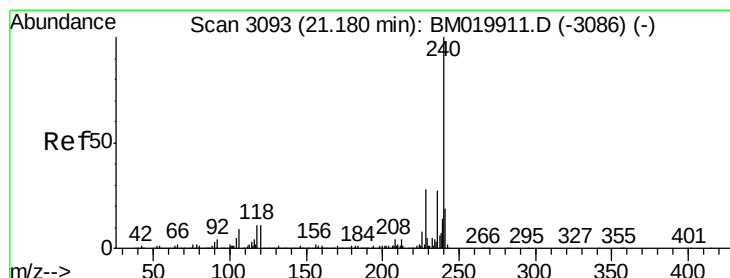
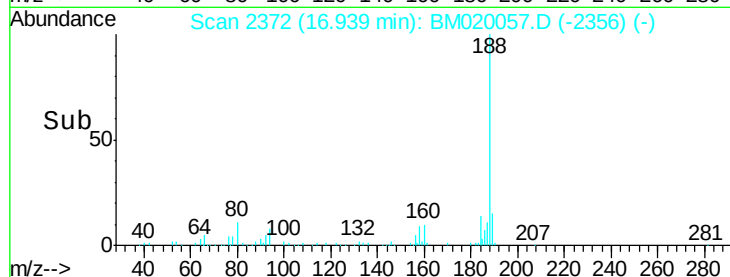
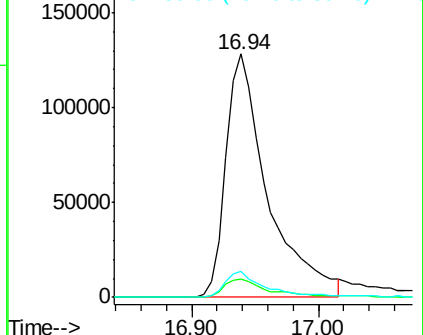
80 10.8 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM020057.D

Acq: 24 Apr 2019 04:52

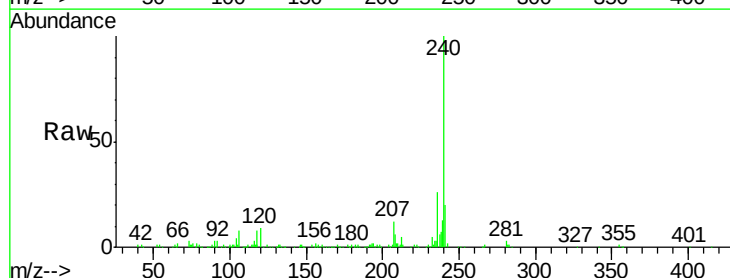
Tgt Ion:240 Resp: 365345

Ion Ratio Lower Upper

240 100

120 8.9 8.6 13.0

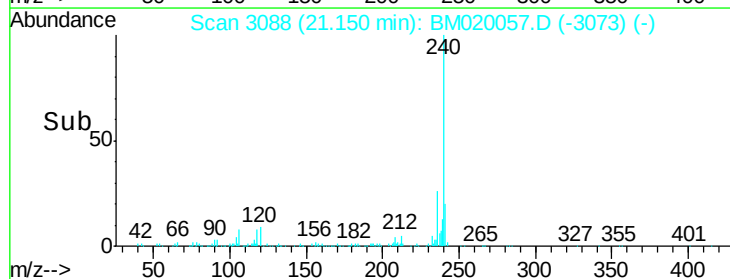
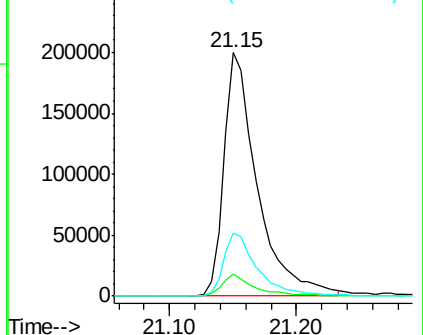
236 26.1 21.4 32.2

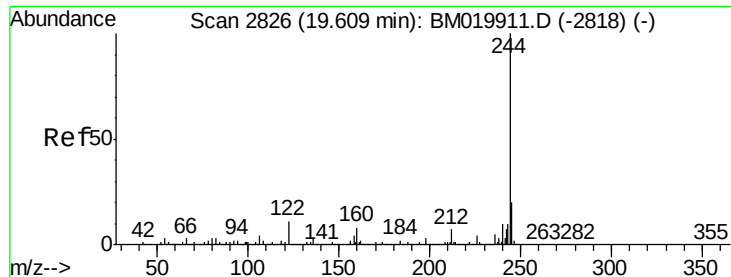


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

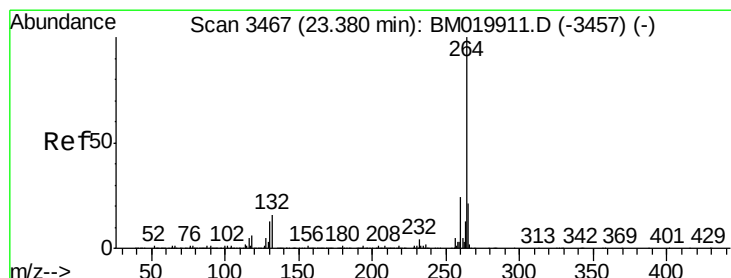
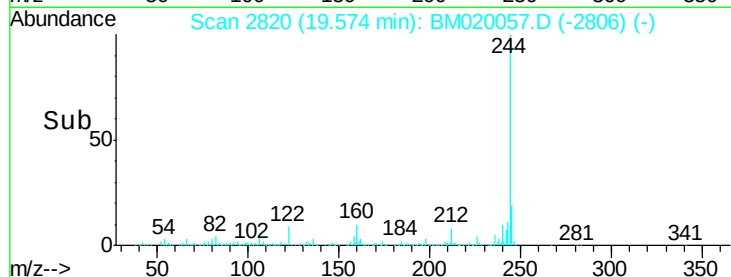
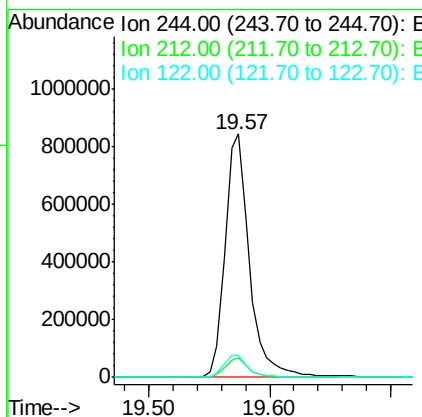
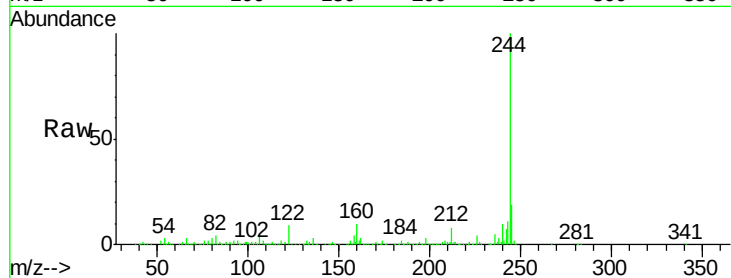




#79
 Terphenyl-d14
 Concen: 57.030 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 1181283
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.1 9.1 13.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.33 min Scan# 3459
 Delta R.T. -0.02 min
 Lab File: BM020057.D
 Acq: 24 Apr 2019 04:52

Tgt Ion:264 Resp: 423460
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 23.0 17.2 25.8

