

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020035.D
 Acq On : 23 Apr 2019 14:14
 Operator : JU/SJ
 Sample : PB119084BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:55:37 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

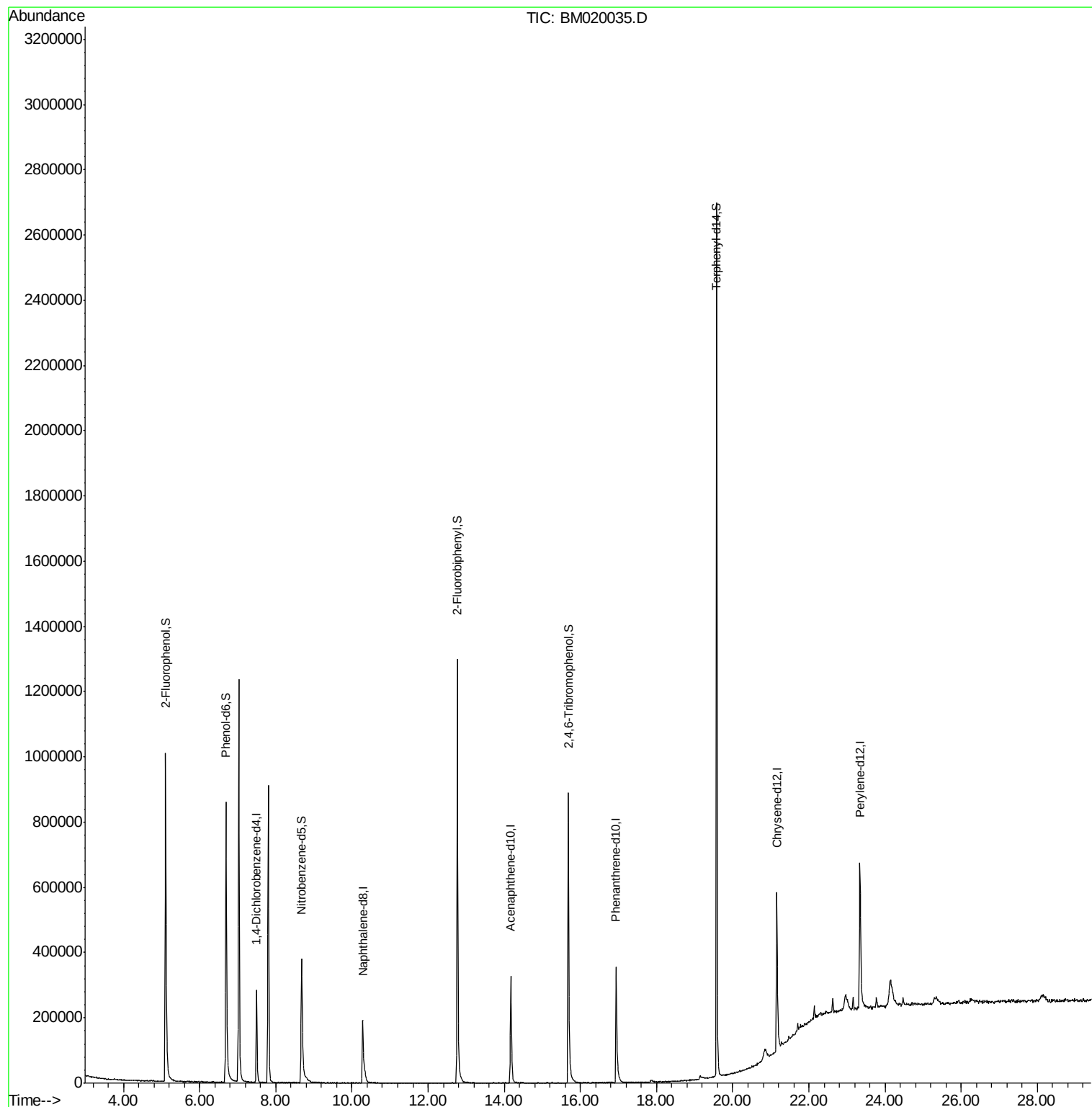
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	76127	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	231694	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	141604	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	293847	20.00	ng	0.00
76) Chrysene-d12	21.16	240	303791	20.00	ng	0.00
87) Perylene-d12	23.34	264	391437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	487037	103.68	ng	-0.02
7) Phenol-d6	6.69	99	611293	86.47	ng	-0.02
23) Nitrobenzene-d5	8.67	82	366237	70.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	210349	92.28	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	776373	68.33	ng	-0.02
79) Terphenyl-d14	19.57	244	1216859	70.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	1643	Below Cal	Qvalue #	7

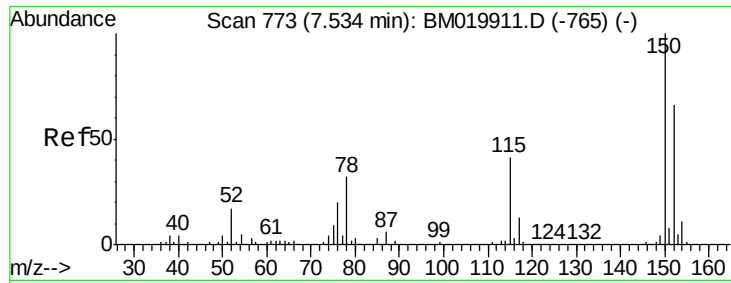
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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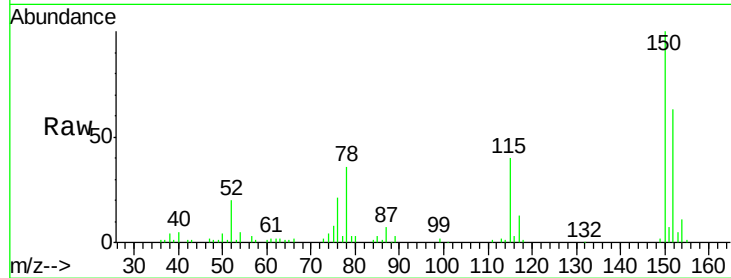


#1

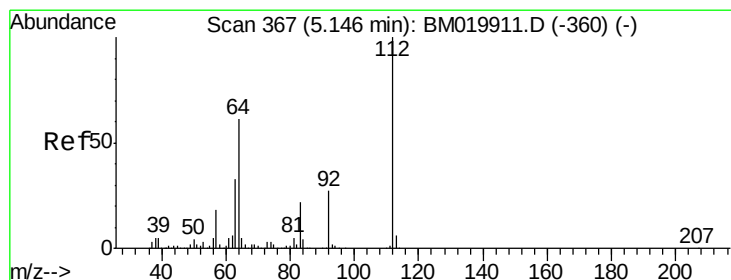
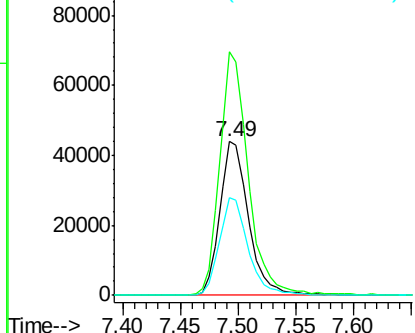
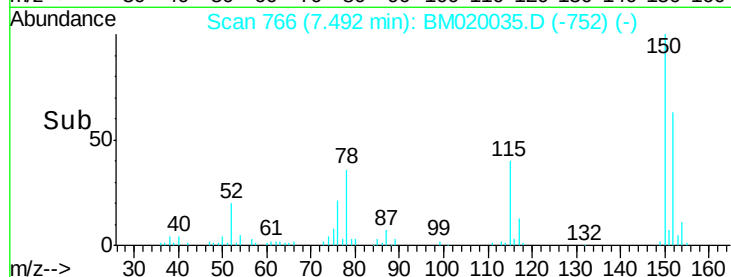
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 76127
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.1 183.1
 115 63.9 50.0 75.0



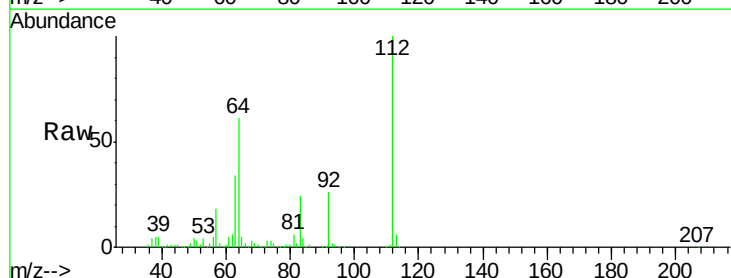
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



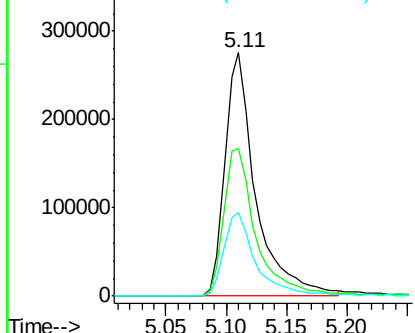
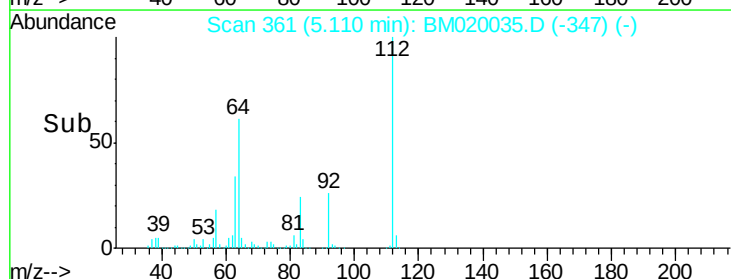
#5

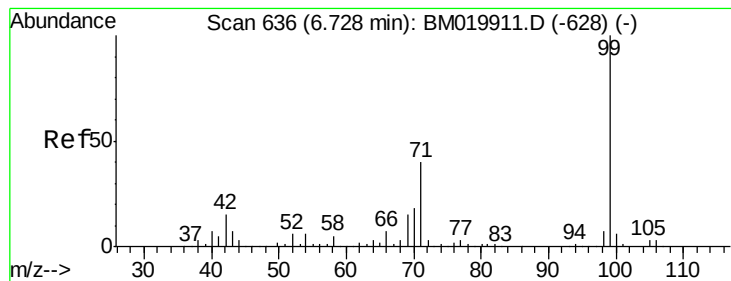
2-Fluorophenol
 Concen: 103.684 ng
 RT: 5.11 min Scan# 361
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Tgt Ion:112 Resp: 487037
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.1 73.7
 63 34.3 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: 86.470 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020035.D

Acq: 23 Apr 2019 14:14

Instrument :

BNA_M

ClientSampleId :

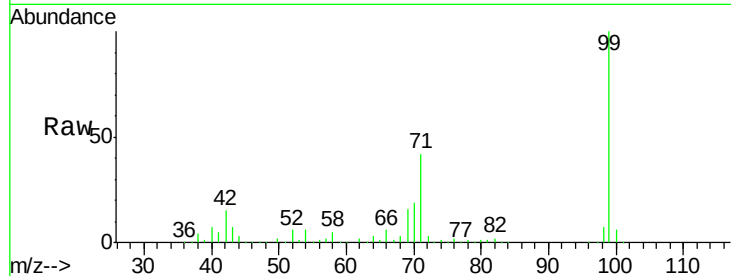
Tot Ion: 99 Resp: 611293

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

71 42.2 32.0 48.0

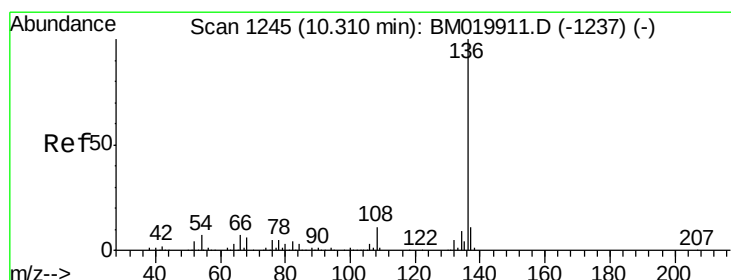
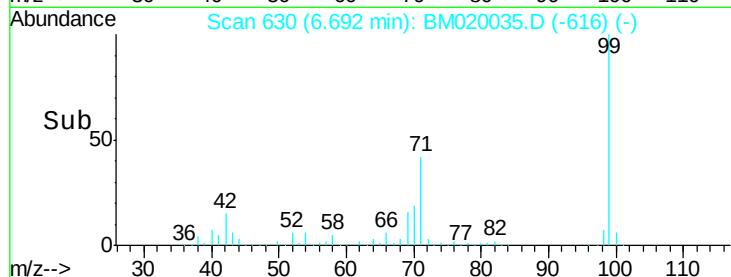
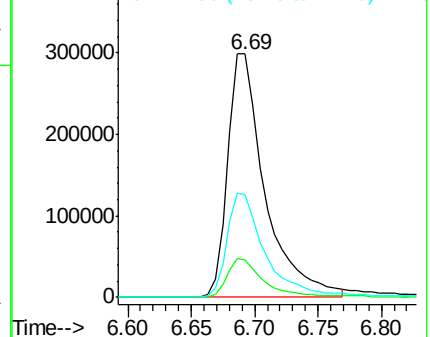


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020035.D

Acq: 23 Apr 2019 14:14

Tgt Ion: 136 Resp: 231694

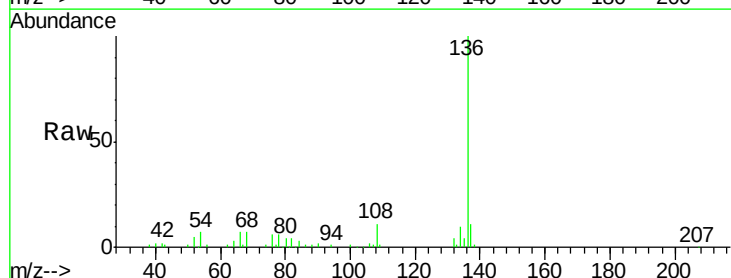
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 6.9 5.3 7.9

68 7.1 5.2 7.8



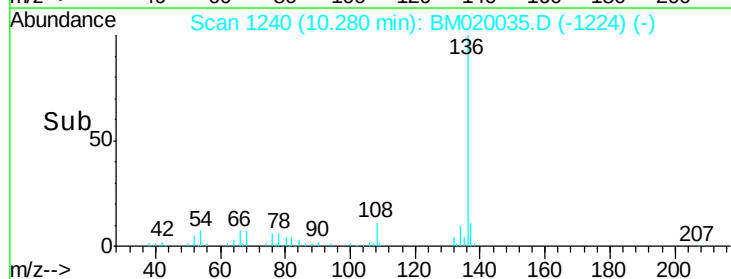
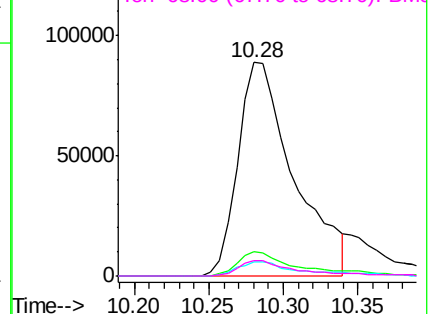
Abundance

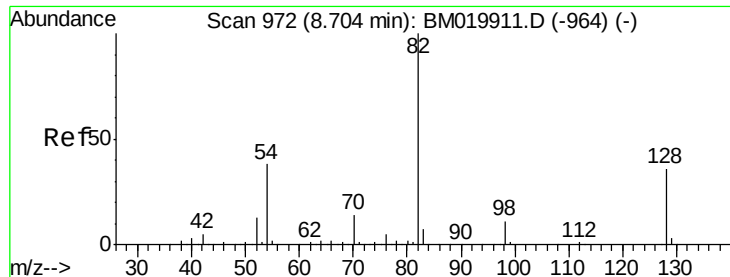
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

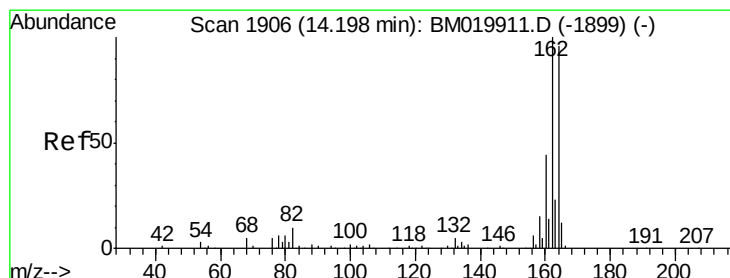
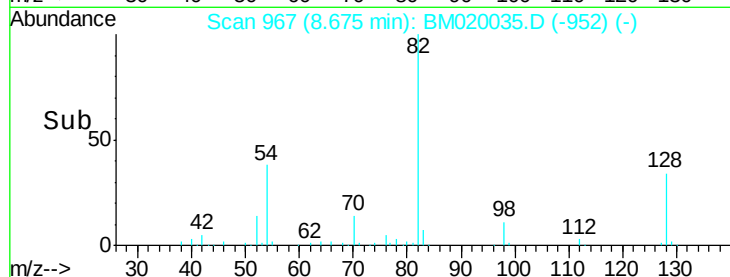
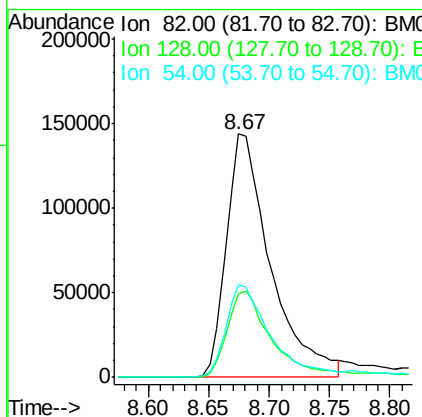
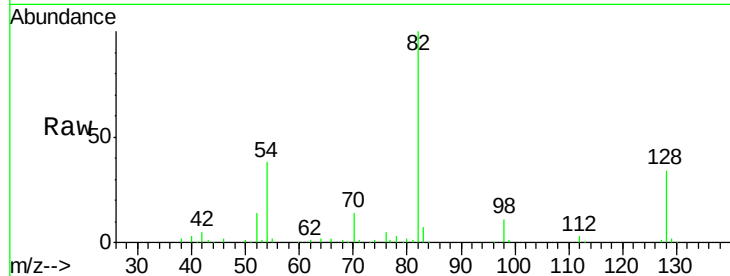




#23
Nitrobenzene-d5
Concen: 70.690 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

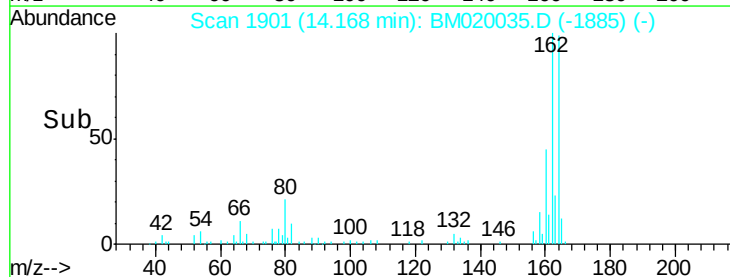
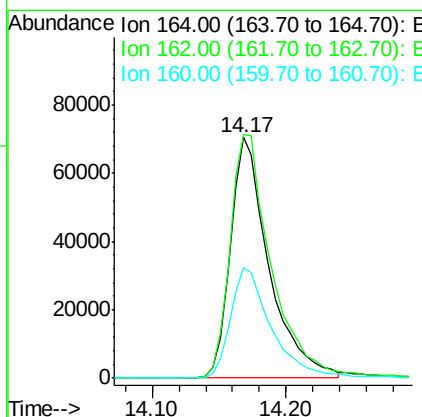
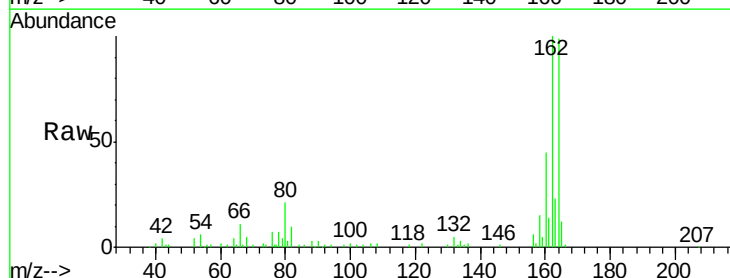
Instrument :
BNA_M
ClientSampleId :

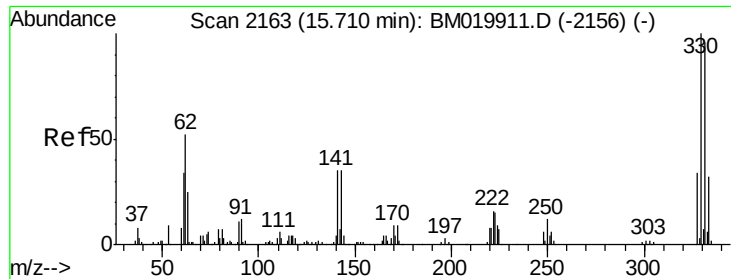
Tot Ion	82	Resp	366237
Ion Ratio	100	Lower	Upper
128	34.1	29.0	43.4
54	37.9	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Tgt Ion	164	Resp	141604
Ion Ratio	100	Lower	Upper
162	101.2	83.0	124.4
160	45.8	36.6	55.0

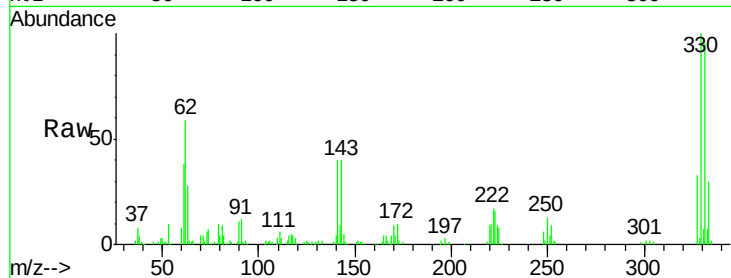




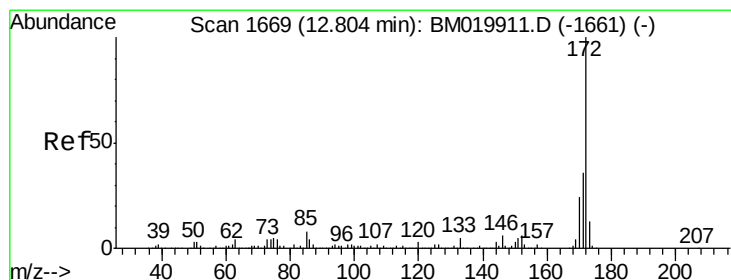
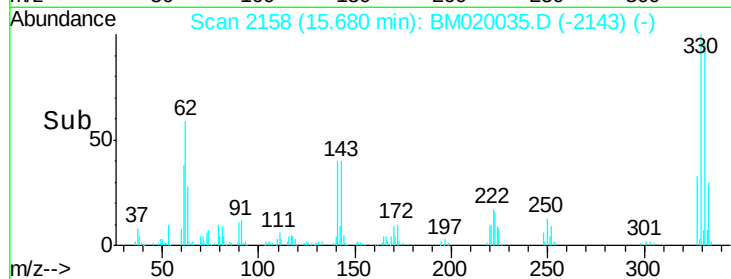
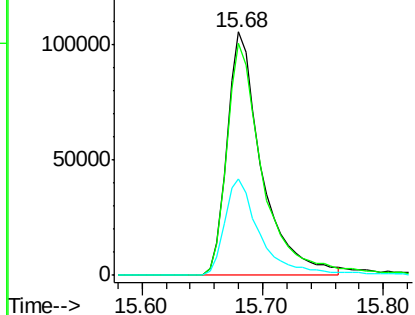
#42
 2,4,6-Tribromophenol
 Concen: 92.281 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	39.7	29.0	43.4

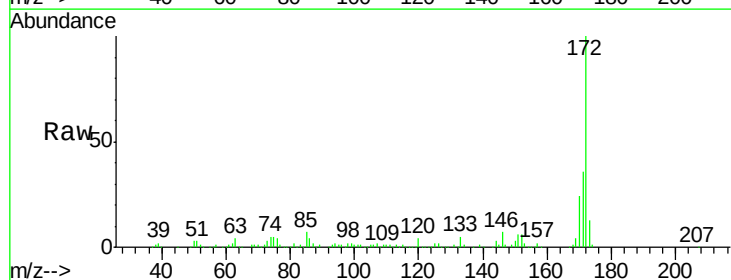


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

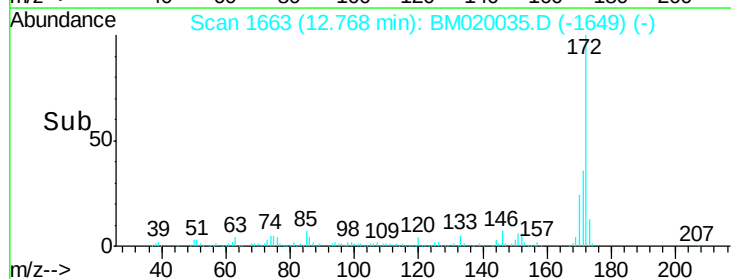
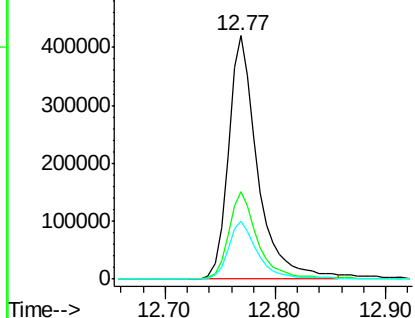


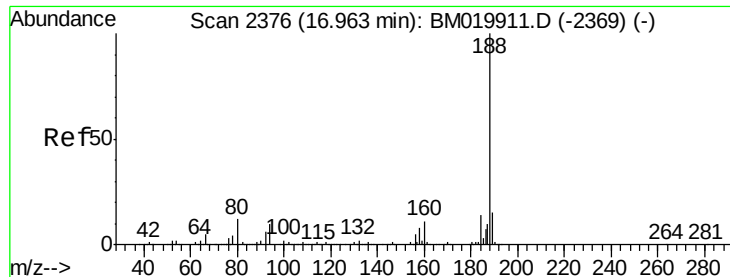
#45
 2-Fluorobiphenyl
 Concen: 68.327 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.8	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

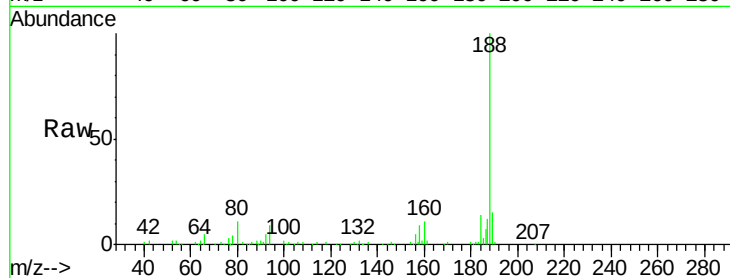




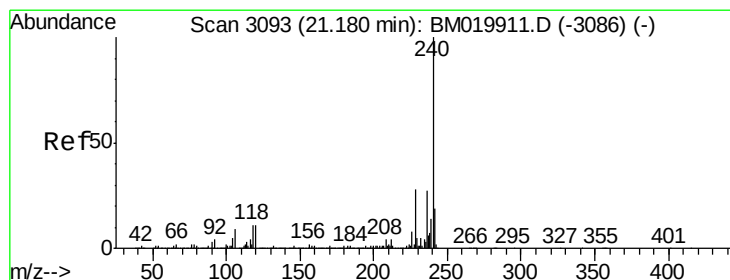
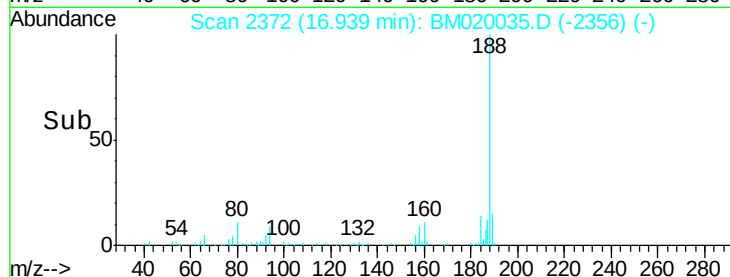
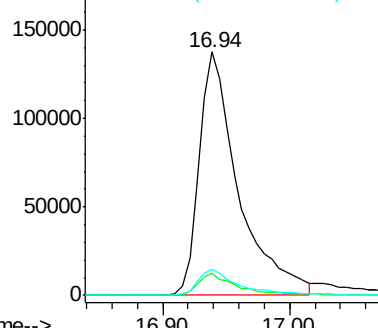
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 293847
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.8 9.4 14.0

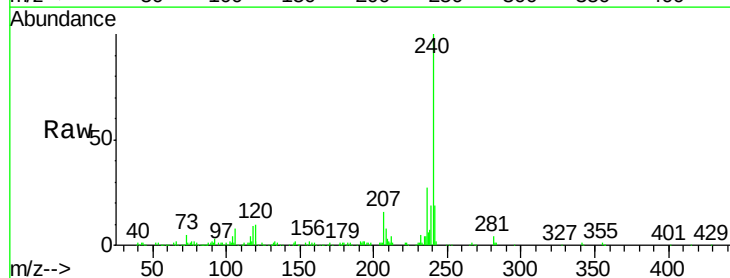


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

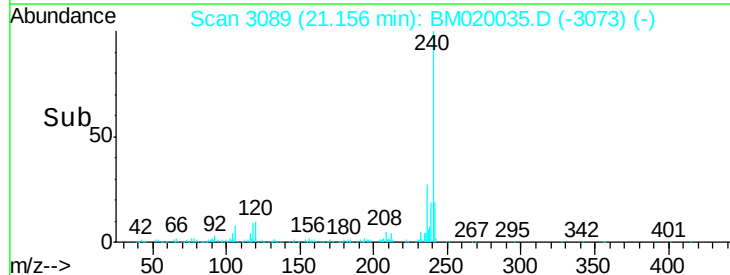
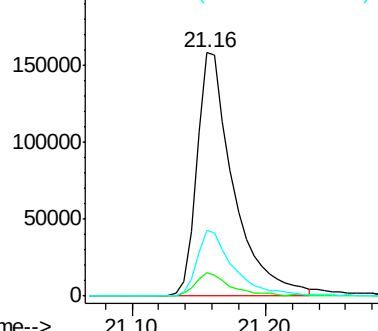


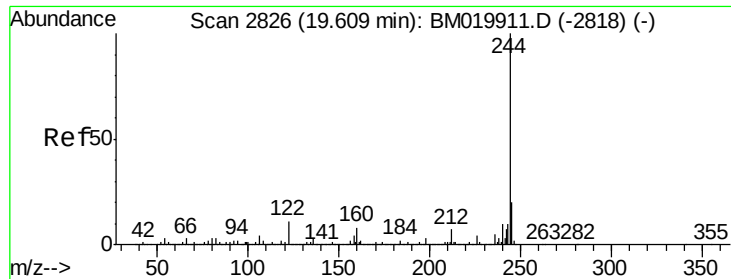
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020035.D
Acq: 23 Apr 2019 14:14

Tgt Ion:240 Resp: 303791
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 27.1 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

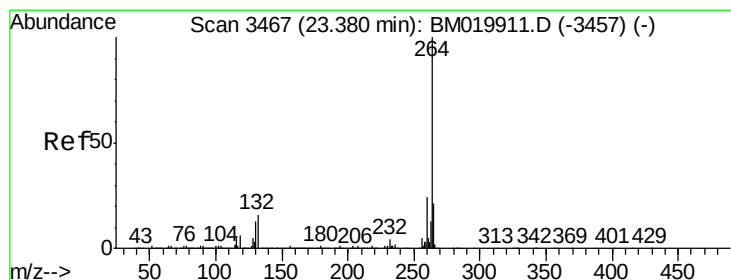
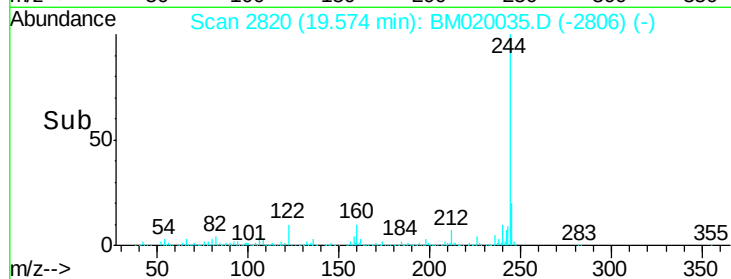
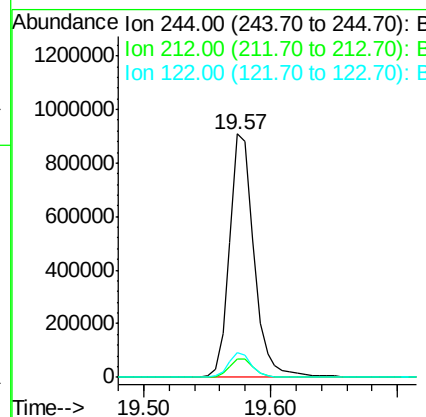
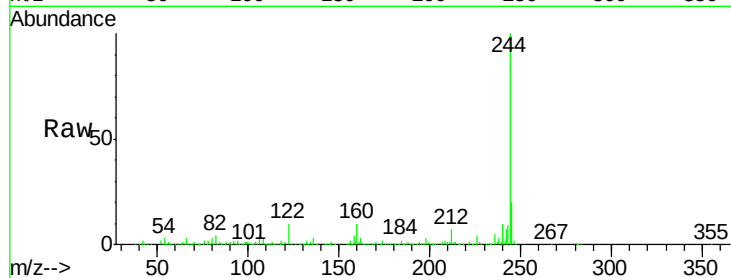




#79
 Terphenyl-d14
 Concen: 70.651 ng
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.02 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1216859
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.4 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM020035.D
 Acq: 23 Apr 2019 14:14

Tgt Ion:264 Resp: 391437
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.2 17.2 25.8

