

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020027.D
 Acq On : 23 Apr 2019 05:07
 Operator : JU/SJ
 Sample : PB119111TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 06:58:42 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

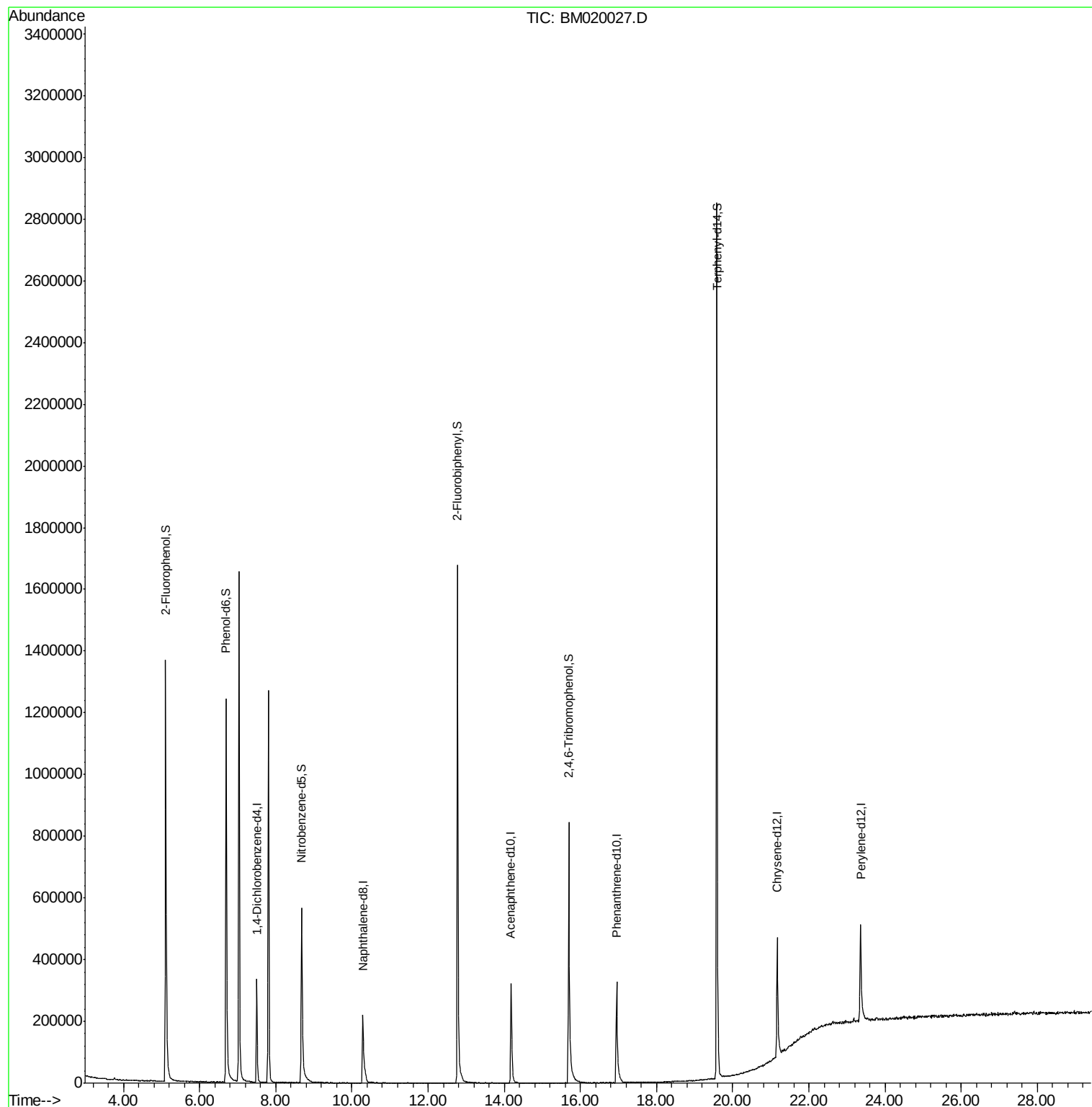
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	86730	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	264101	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	152439	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	296405	20.00	ng	0.00
76) Chrysene-d12	21.17	240	266559	20.00	ng	0.00
87) Perylene-d12	23.36	264	303584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	626327	117.04	ng	-0.01
7) Phenol-d6	6.69	99	787094	97.73	ng	-0.02
23) Nitrobenzene-d5	8.68	82	492208	83.35	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	221636	90.32	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1016679	83.12	ng	-0.01
79) Terphenyl-d14	19.58	244	1375551	91.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	1307	Below Cal	Qvalue #	7

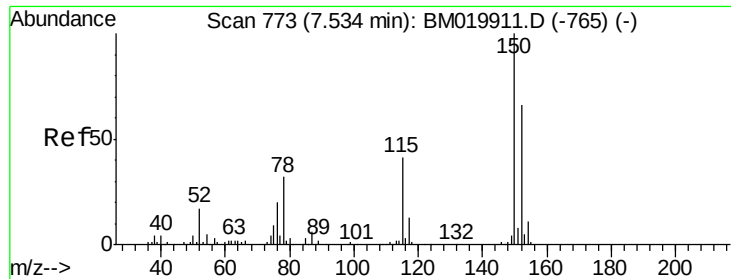
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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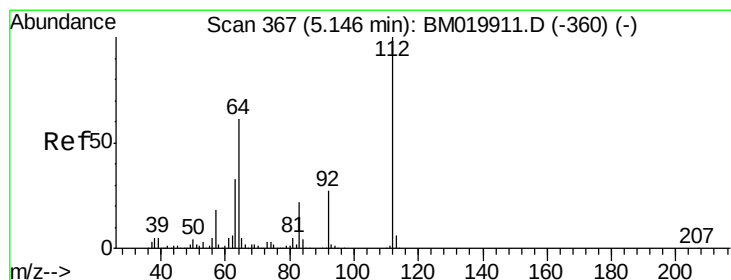
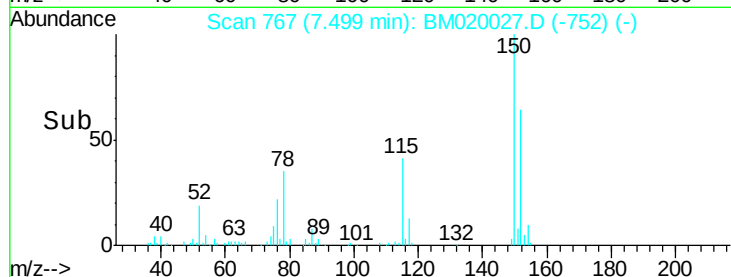
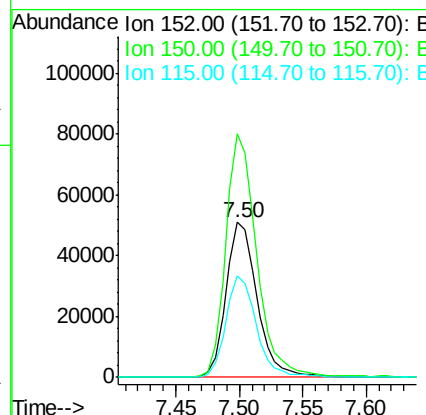
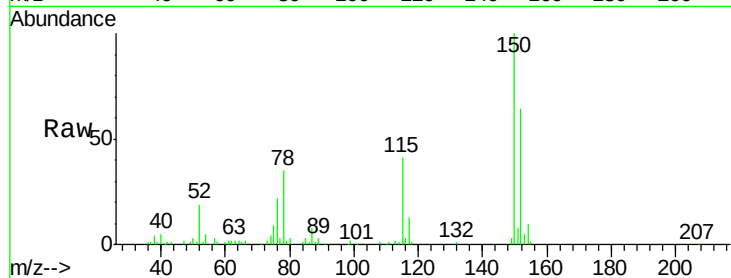


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020027.D
Acq: 23 Apr 2019 05:07

Instrument :
BNA_M
ClientSampleId :

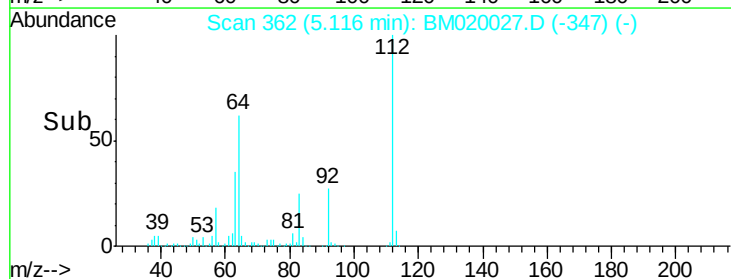
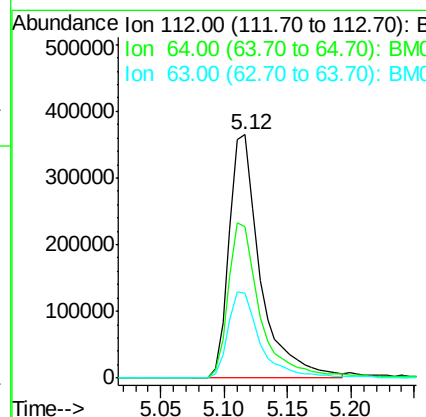
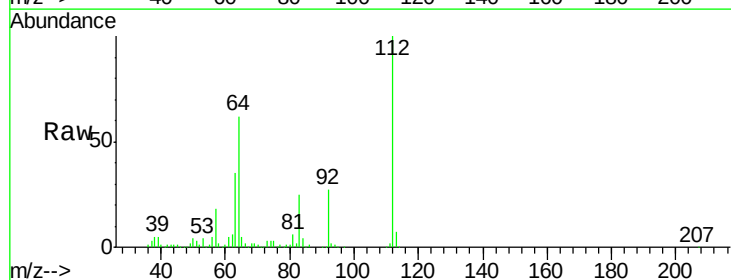
Tot Ion:152 Resp: 86730
Ion Ratio Lower Upper
152 100
150 157.4 122.1 183.1
115 65.3 50.0 75.0

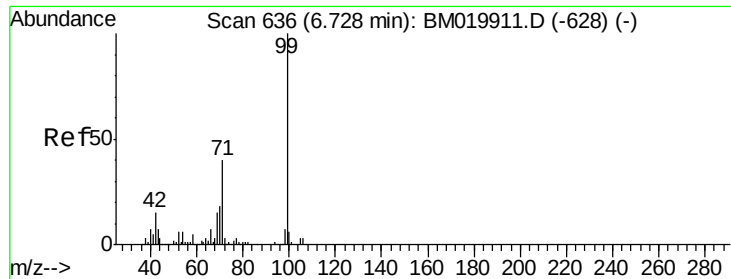


#5

2-Fluorophenol
Concen: 117.036 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020027.D
Acq: 23 Apr 2019 05:07

Tgt Ion:112 Resp: 626327
Ion Ratio Lower Upper
112 100
64 62.2 49.1 73.7
63 35.1 26.5 39.7





#7

Phenol-d6

Concen: 97.727 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020027.D

Acq: 23 Apr 2019 05:07

Instrument :

BNA_M

ClientSampled :

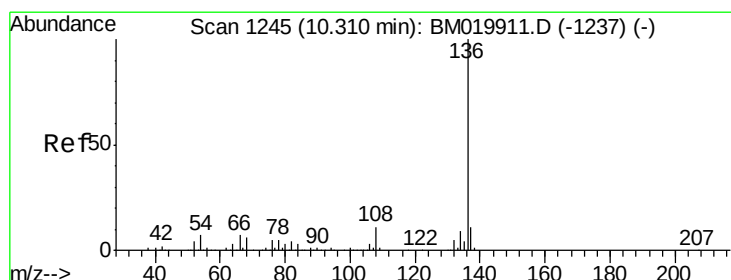
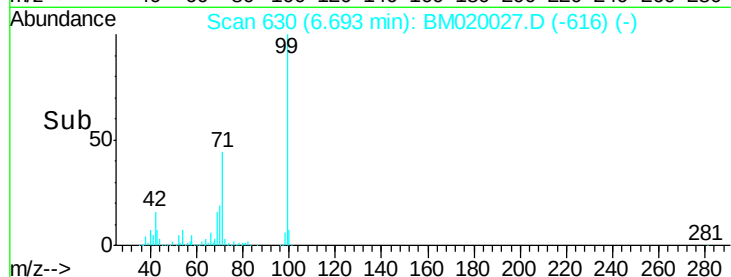
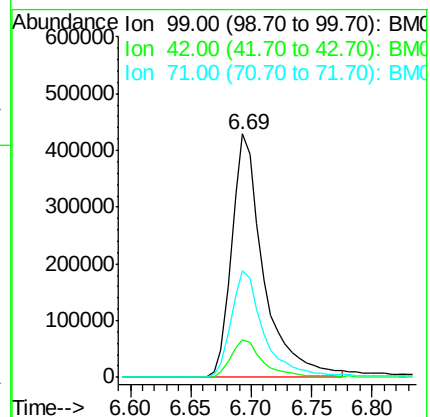
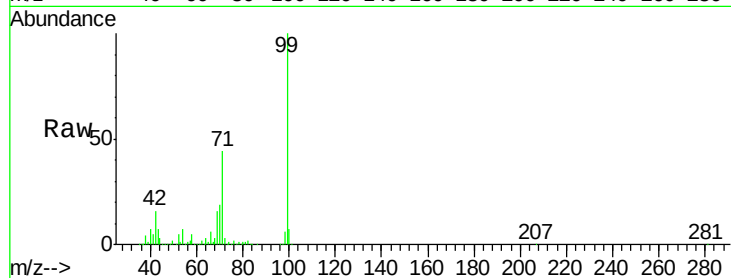
Tot Ion: 99 Resp: 787094

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

71 44.0 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BM020027.D

Acq: 23 Apr 2019 05:07

Tgt Ion: 136 Resp: 264101

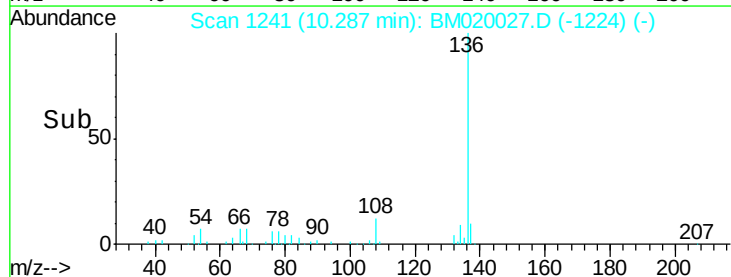
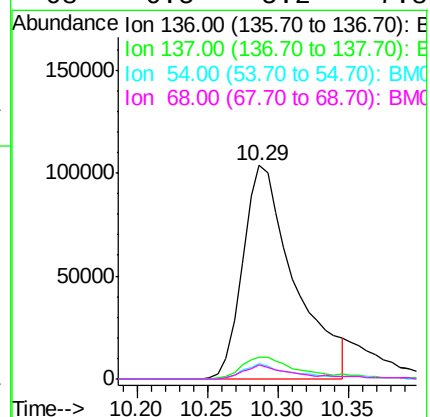
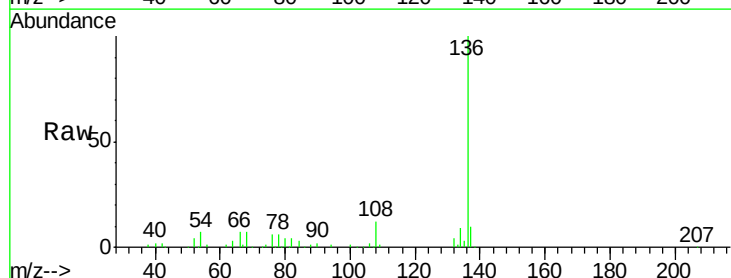
Ion Ratio Lower Upper

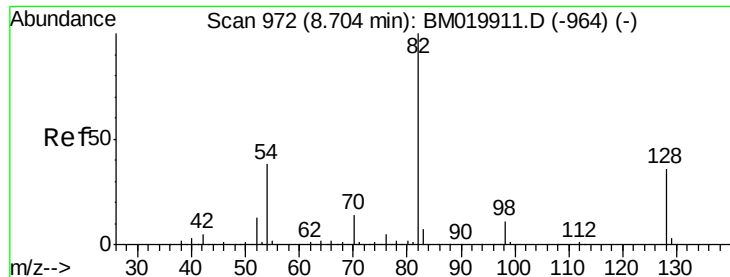
136 100

137 10.4 9.0 13.6

54 6.9 5.3 7.9

68 6.5 5.2 7.8

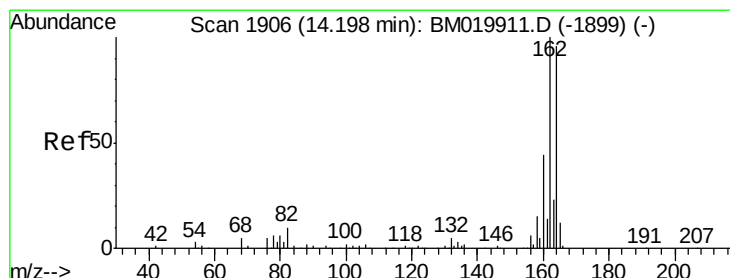
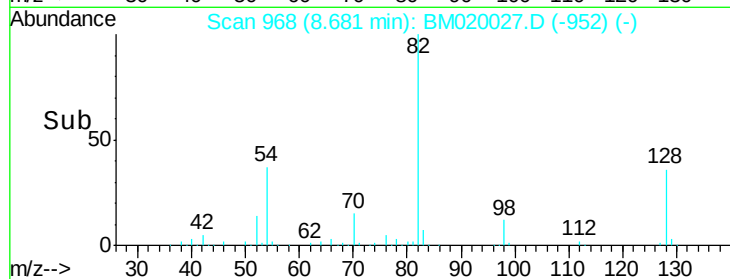
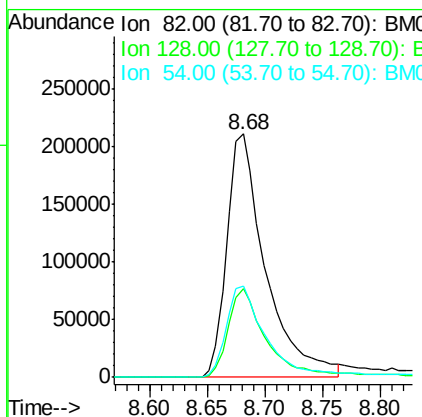
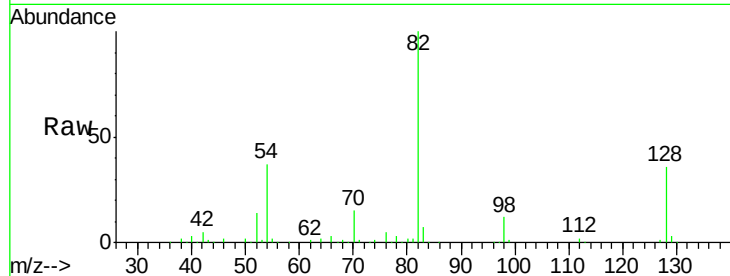




#23
Nitrobenzene-d5
Concen: 83.347 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM020027.D
Acq: 23 Apr 2019 05:07

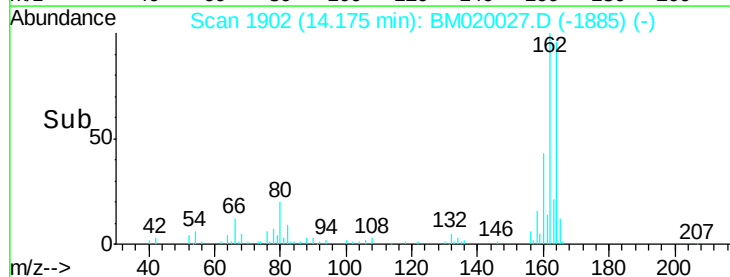
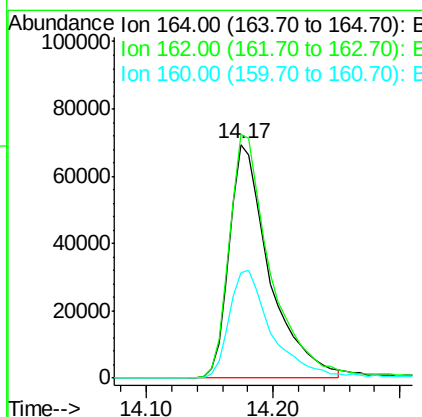
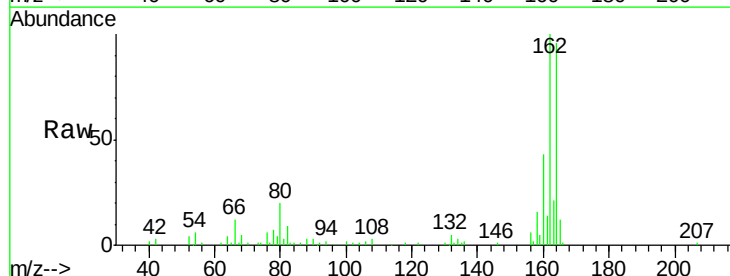
Instrument :
BNA_M
ClientSampled :

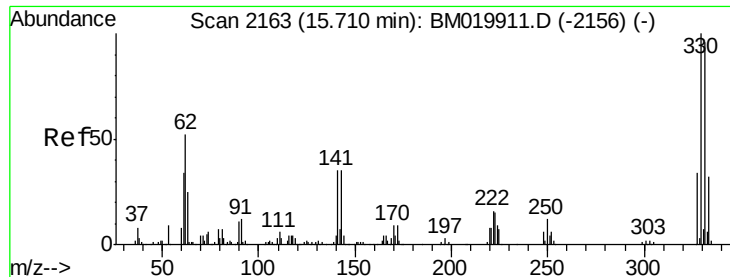
Tot Ion	82	Resp	492208
Ion Ratio	100	Lower	Upper
128	36.2	29.0	43.4
54	37.4	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM020027.D
Acq: 23 Apr 2019 05:07

Tgt Ion	164	Resp	152439
Ion Ratio	100	Lower	Upper
162	104.2	83.0	124.4
160	45.3	36.6	55.0

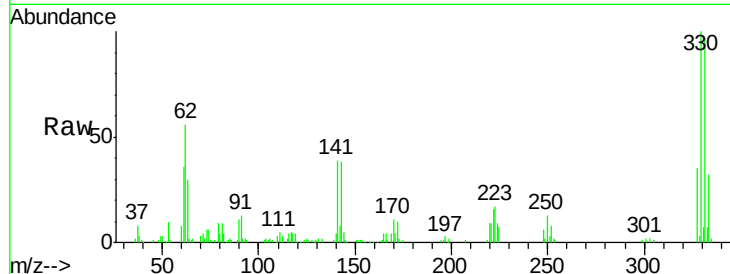




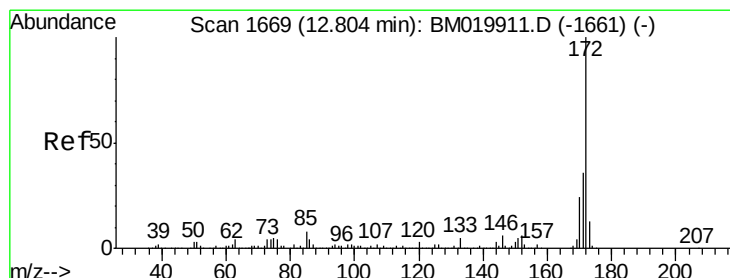
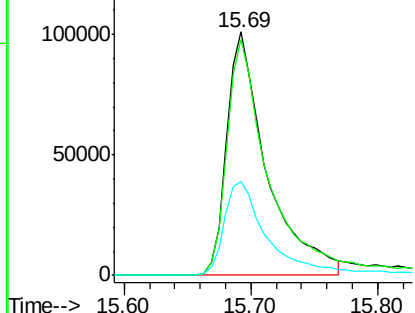
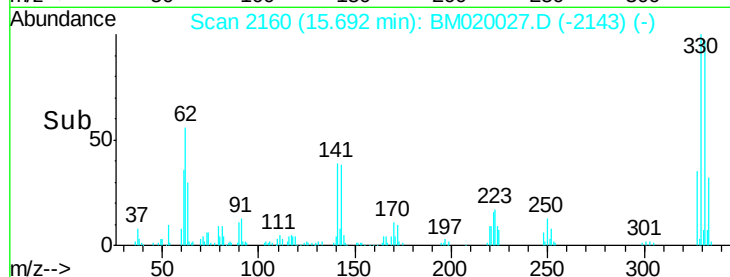
#42
 2,4,6-Tribromophenol
 Concen: 90.322 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM020027.D
 Acq: 23 Apr 2019 05:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	40.5	29.0	43.4

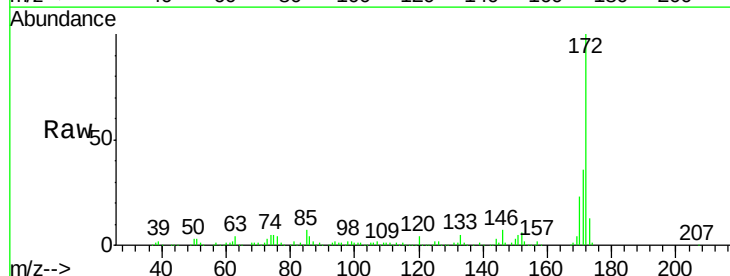


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

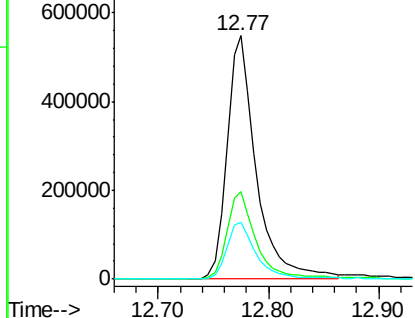
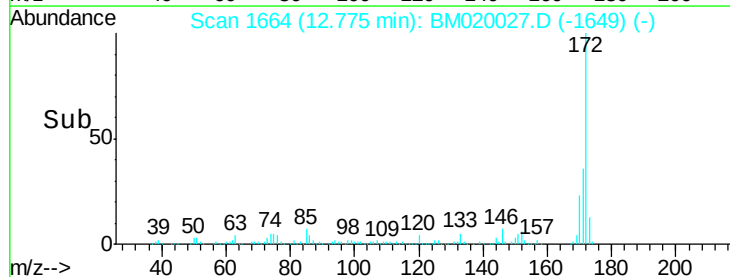


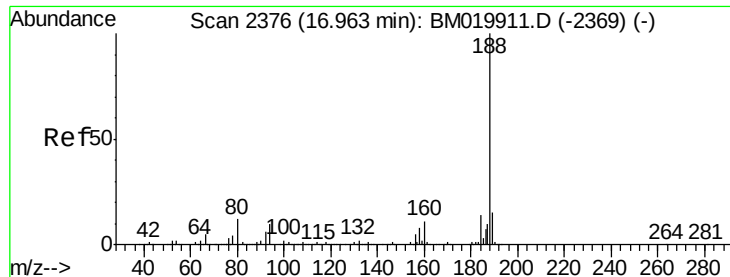
#45
 2-Fluorobiphenyl
 Concen: 83.116 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020027.D
 Acq: 23 Apr 2019 05:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.4	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: 16.95 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM020027.D

Acq: 23 Apr 2019 05:07

Instrument :

BNA_M

ClientSampleId :

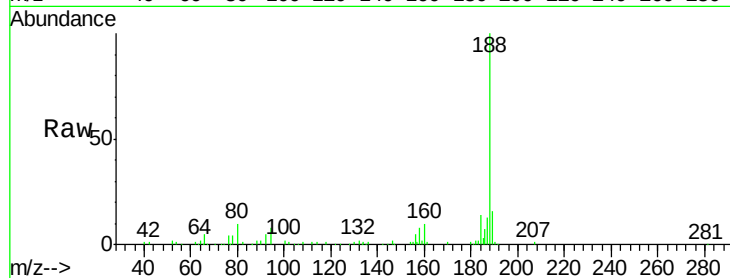
Tot Ion:188 Resp: 296405

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

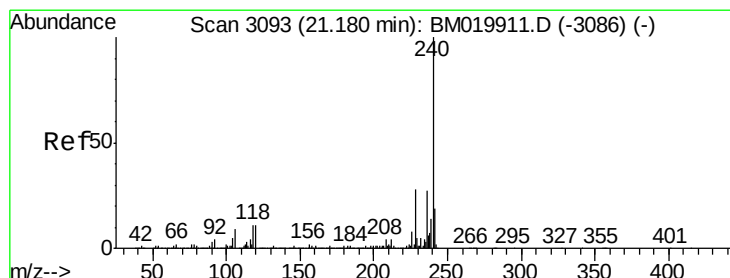
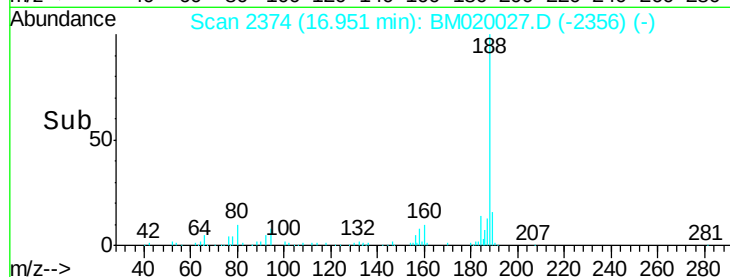
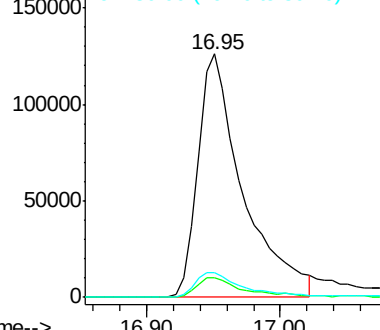
80 10.3 9.4 14.0



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: 21.17 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM020027.D

Acq: 23 Apr 2019 05:07

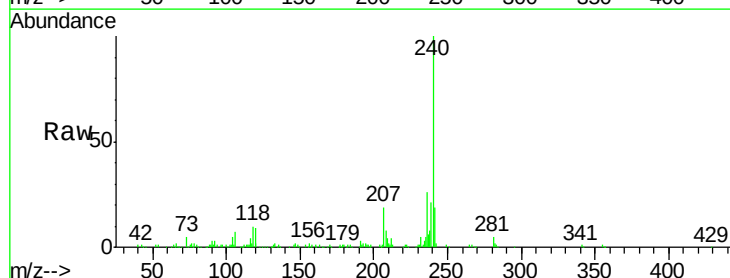
Tgt Ion:240 Resp: 266559

Ion Ratio Lower Upper

240 100

120 8.9 8.6 13.0

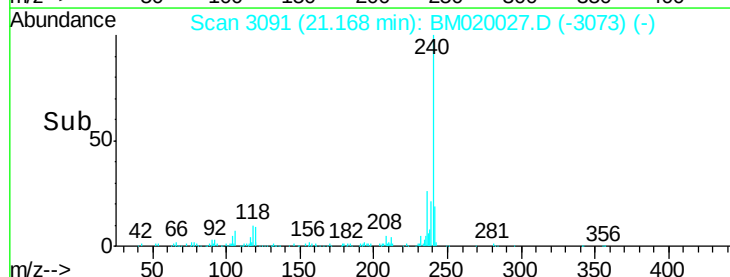
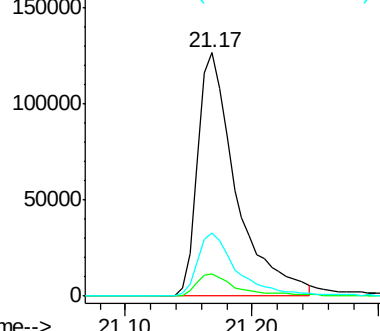
236 26.0 21.4 32.2

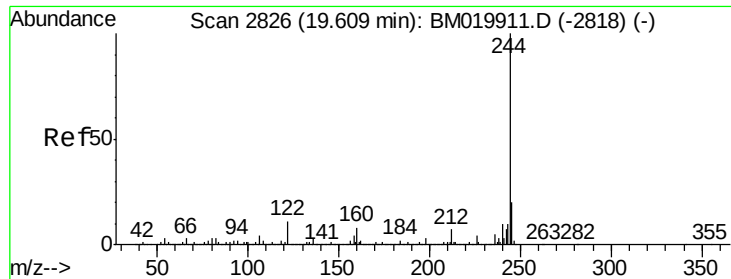


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

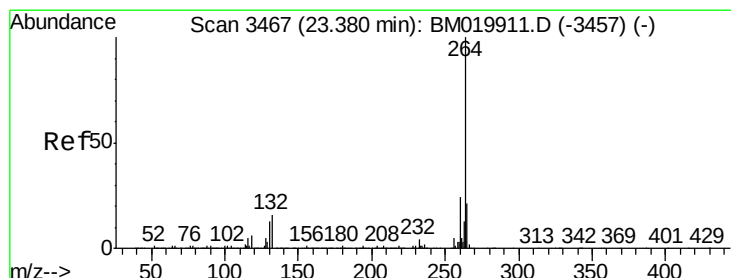
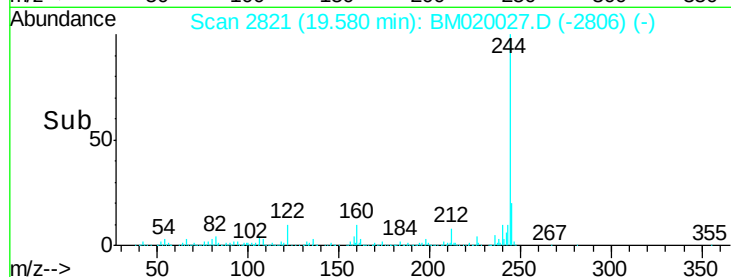
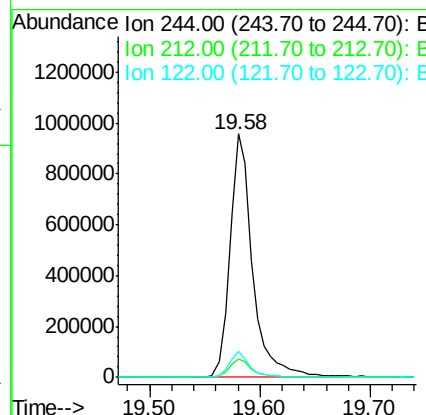
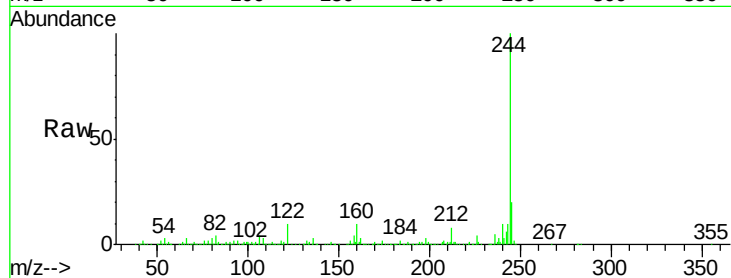




#79
 Terphenyl-d14
 Concen: 91.020 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020027.D
 Acq: 23 Apr 2019 05:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1375551
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 10.5 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. 0.01 min
 Lab File: BM020027.D
 Acq: 23 Apr 2019 05:07

Tgt Ion:264 Resp: 303584
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 23.0 17.2 25.8

