

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020031.D
 Acq On : 23 Apr 2019 07:30
 Operator : JU/SJ
 Sample : K2515-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 08:54:34 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

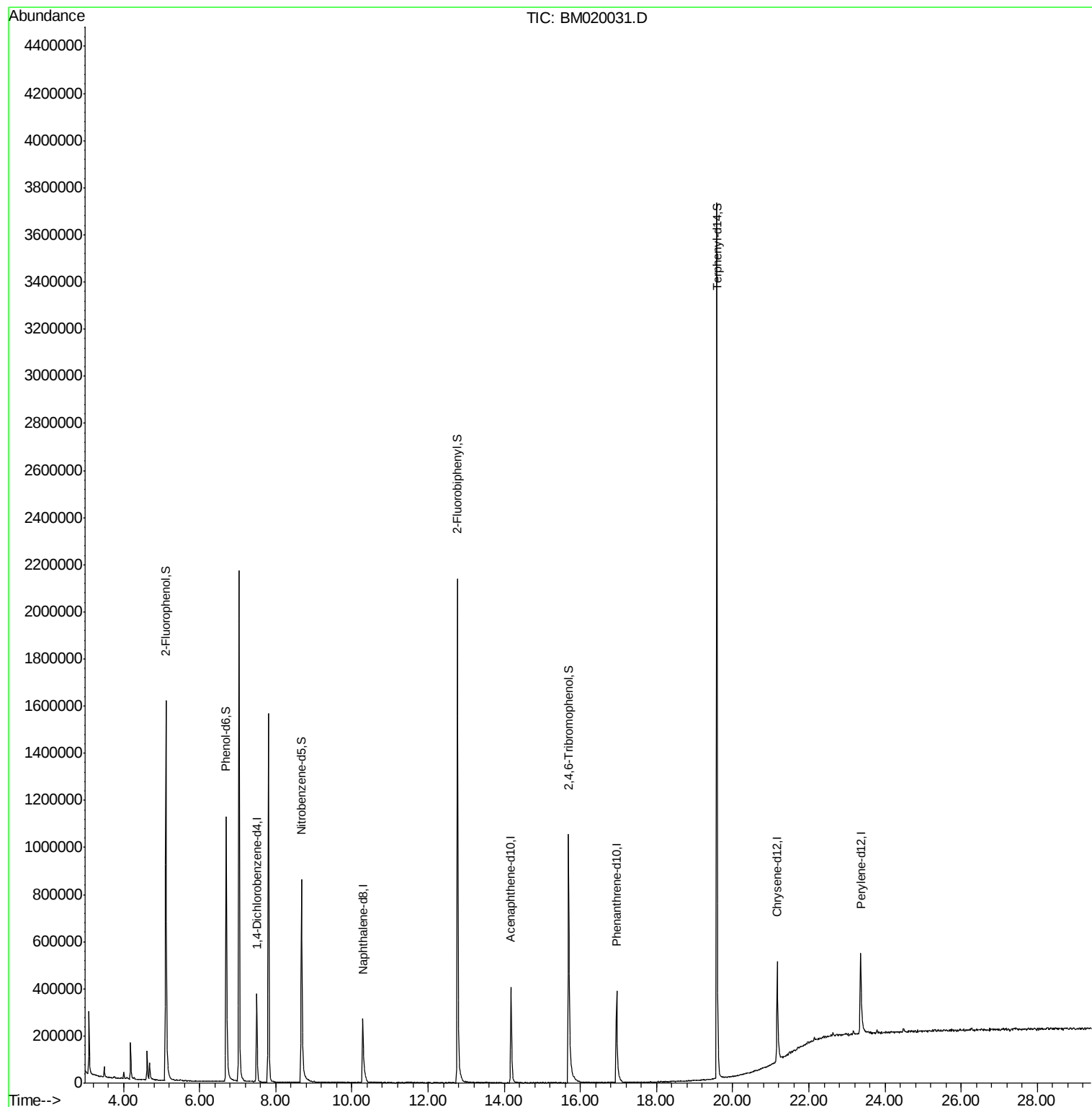
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	98846	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	306403	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	174365	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	336271	20.00	ng	0.00
76) Chrysene-d12	21.17	240	282095	20.00	ng	0.00
87) Perylene-d12	23.36	264	343410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	709936	116.40	ng	-0.01
7) Phenol-d6	6.69	99	749892	81.70	ng	-0.02
23) Nitrobenzene-d5	8.67	82	680725	99.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	281837	100.41	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1281211	91.57	ng	-0.02
79) Terphenyl-d14	19.58	244	1772675	110.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	2171	Below Cal	Qvalue #	7

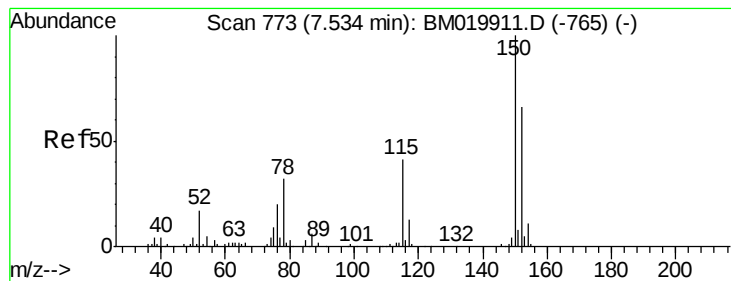
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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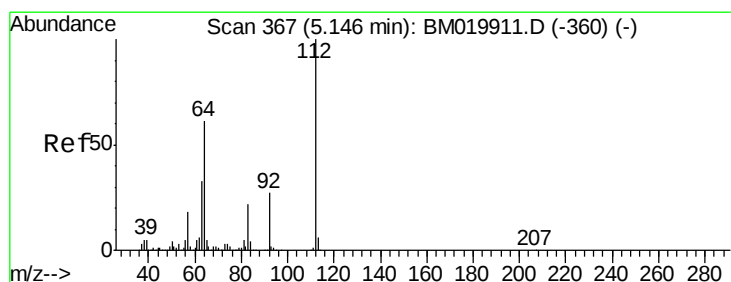
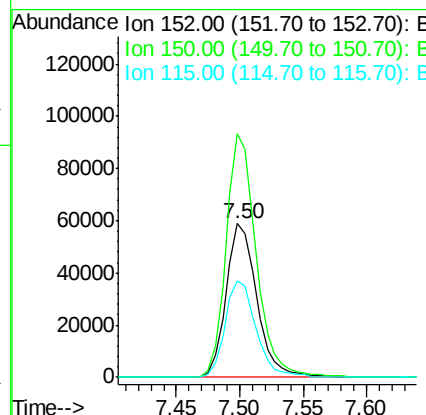
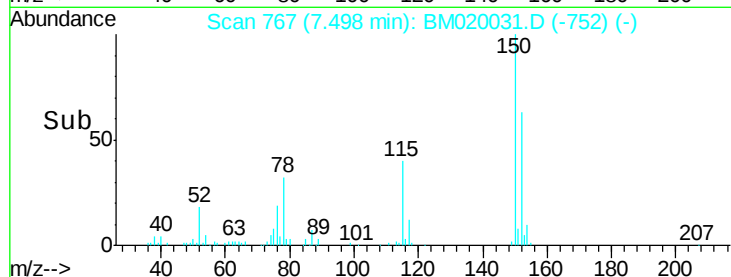
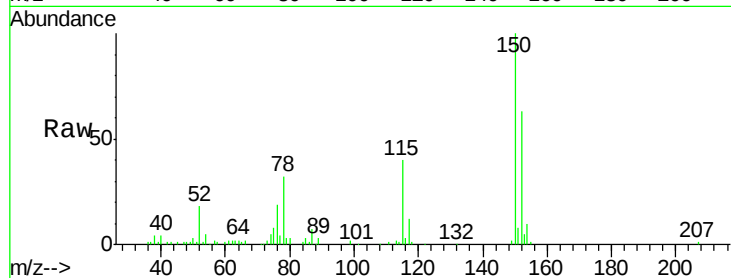




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

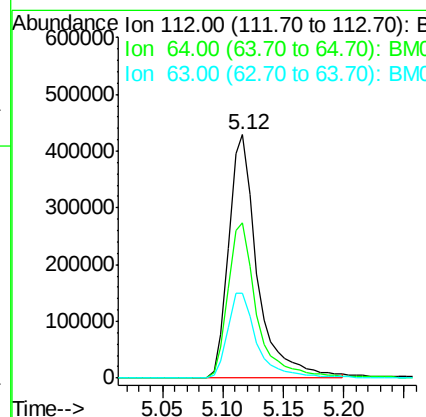
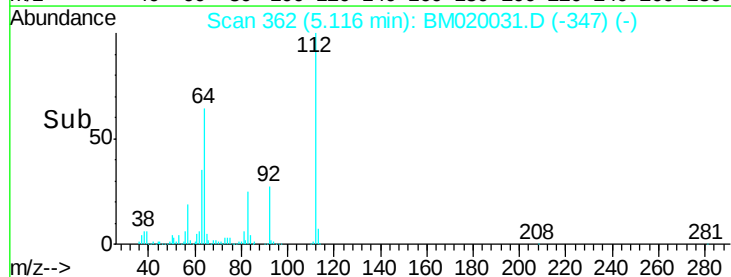
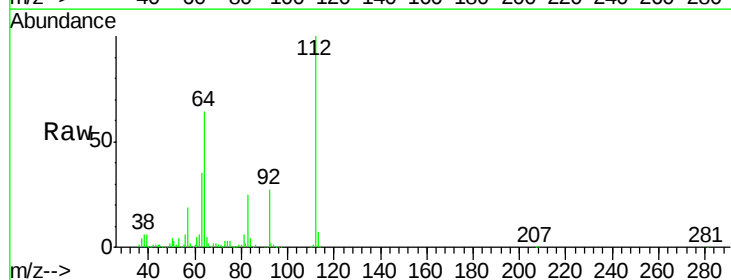
Instrument :
 BNA_M
 ClientSampleId :

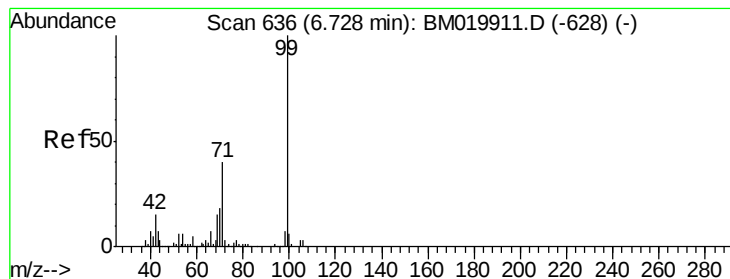
Tot Ion:152 Resp: 98846
 Ion Ratio Lower Upper
 152 100
 150 158.3 122.1 183.1
 115 62.9 50.0 75.0



#5
 2-Fluorophenol
 Concen: 116.399 ng
 RT: 5.12 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

Tgt Ion:112 Resp: 709936
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.1 73.7
 63 35.0 26.5 39.7





#7

Phenol-d6

Concen: 81.695 ng

RT: 6.69 min Scan# 630

Delta R.T. -0.02 min

Lab File: BM020031.D

Acq: 23 Apr 2019 07:30

Instrument :

BNA_M

ClientSampled :

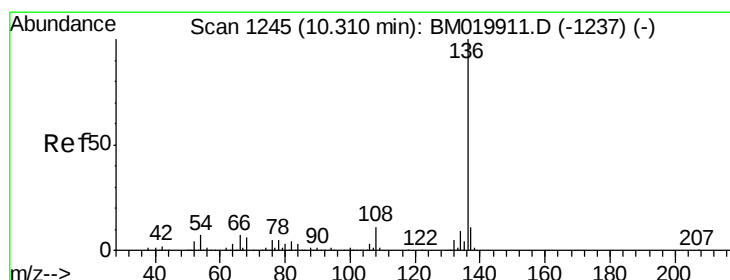
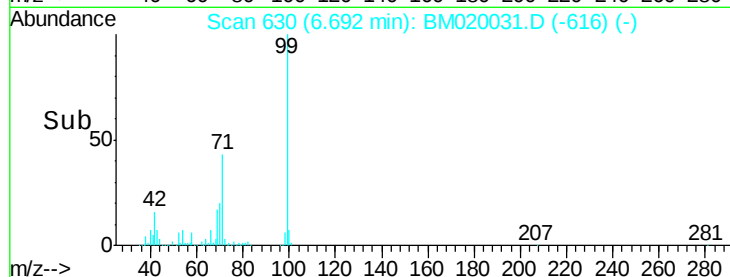
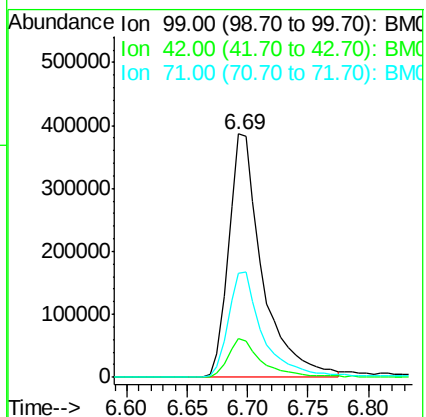
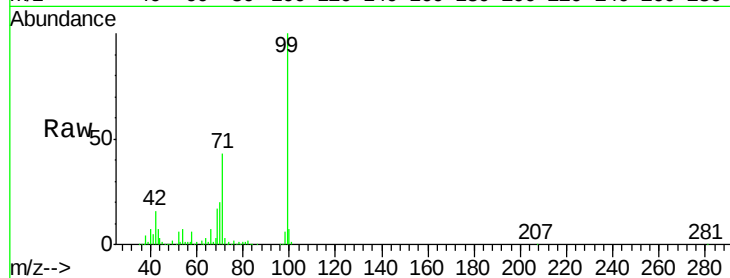
Tot Ion: 99 Resp: 749892

Ion Ratio Lower Upper

99 100

42 15.7 11.8 17.8

71 43.0 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: BM020031.D

Acq: 23 Apr 2019 07:30

Tgt Ion: 136 Resp: 306403

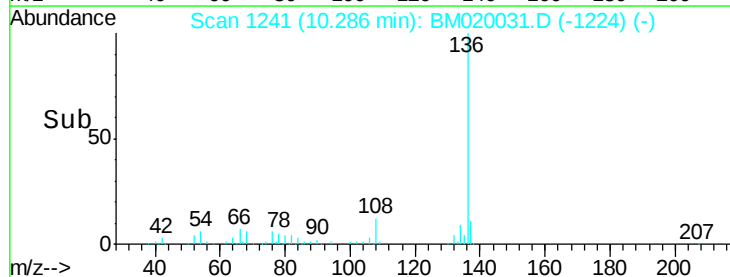
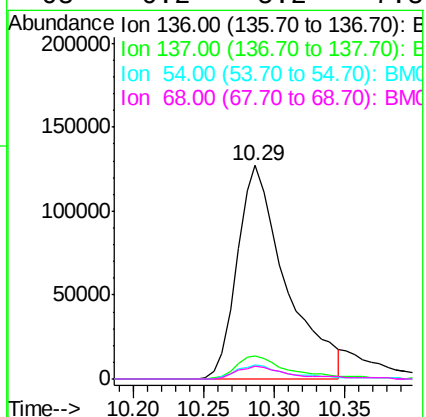
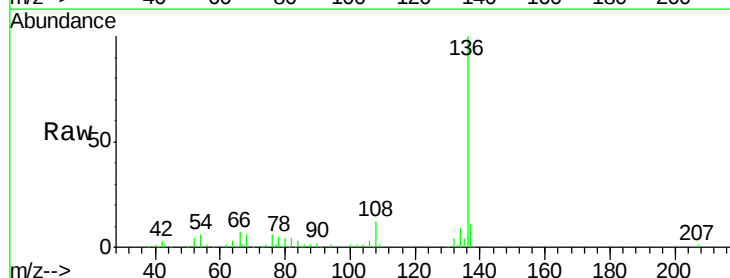
Ion Ratio Lower Upper

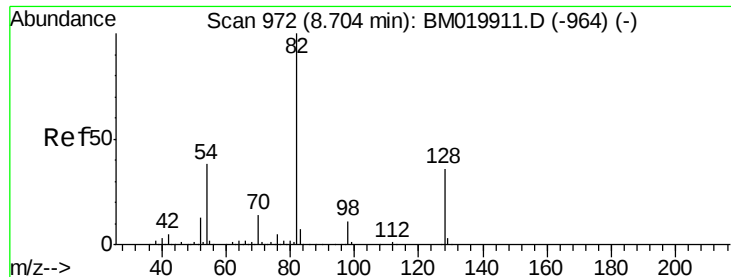
136 100

137 10.8 9.0 13.6

54 6.4 5.3 7.9

68 6.2 5.2 7.8

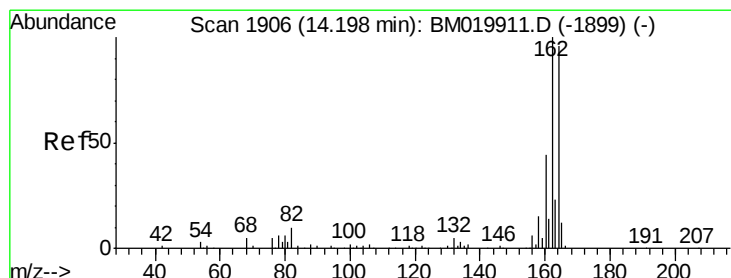
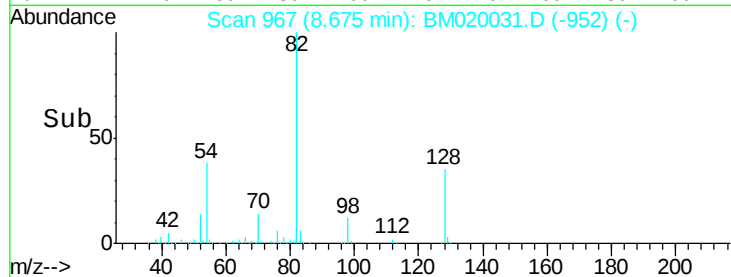
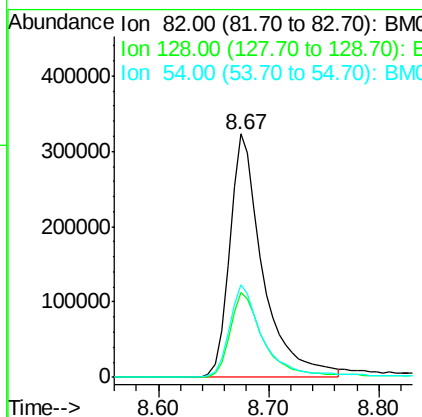
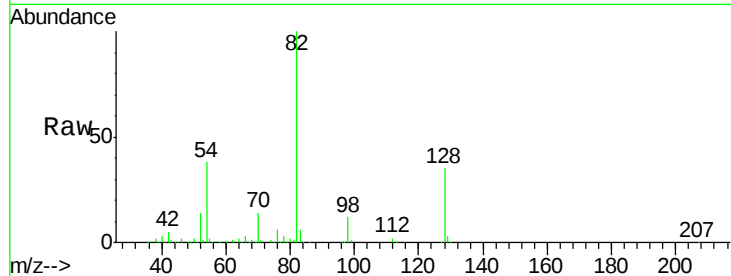




#23
Nitrobenzene-d5
Concen: 99.355 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020031.D
Acq: 23 Apr 2019 07:30

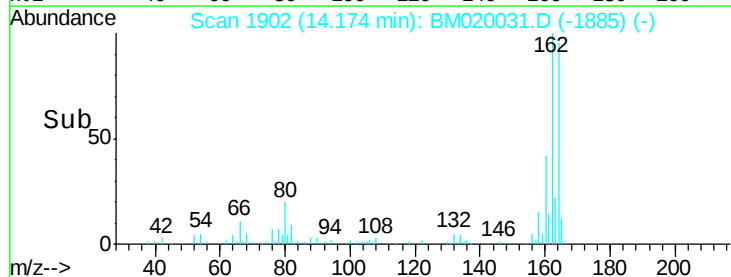
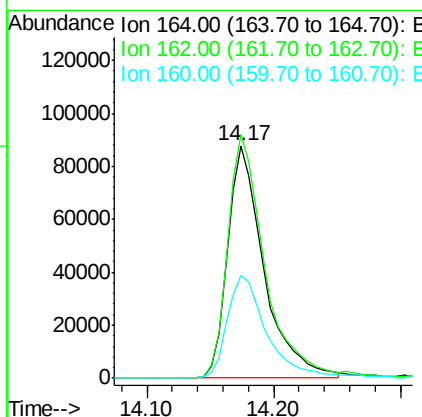
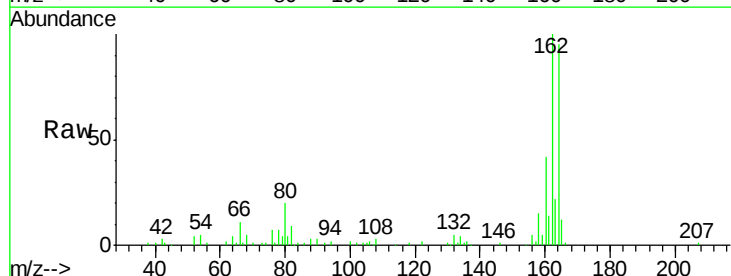
Instrument :
BNA_M
ClientSampleId :

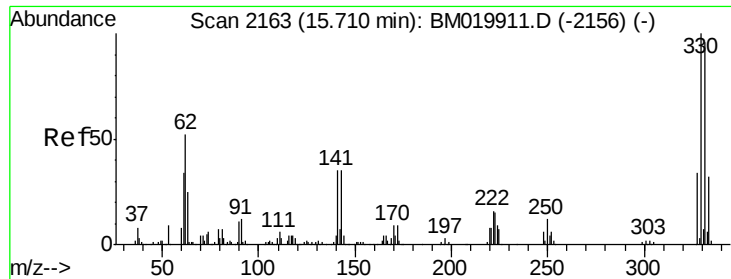
Tot Ion	82	Resp	680725
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.0	43.4
54	37.8	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020031.D
Acq: 23 Apr 2019 07:30

Tgt Ion	164	Resp	174365
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.0	124.4
160	44.1	36.6	55.0

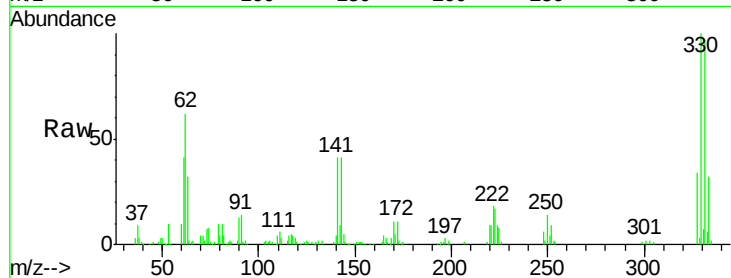




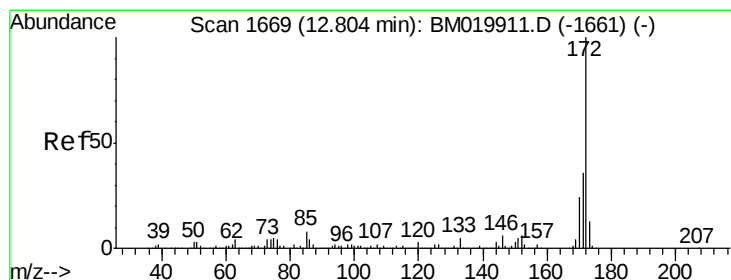
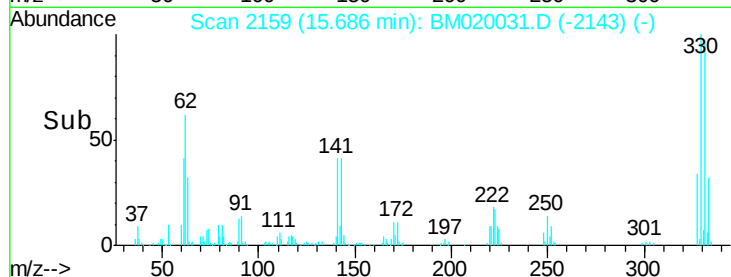
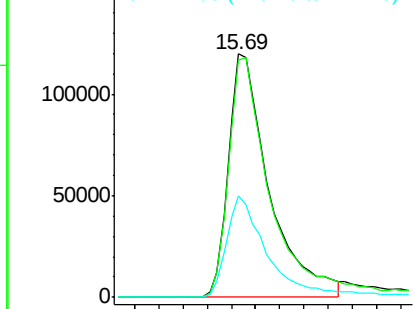
#42
 2,4,6-Tribromophenol
 Concen: 100.412 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	40.6	29.0	43.4

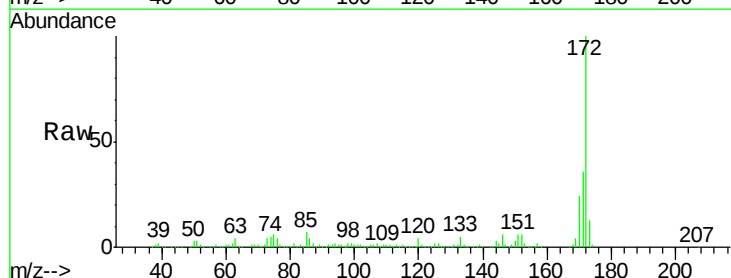


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

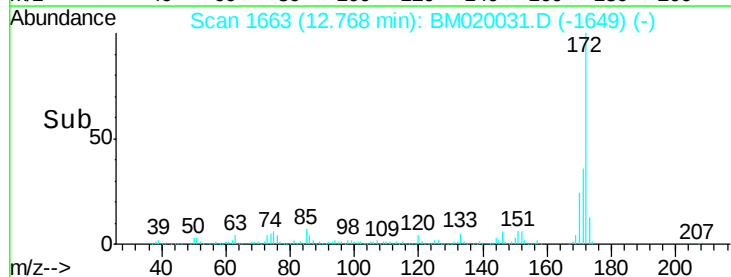
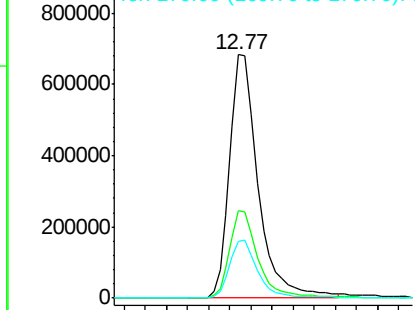


#45
 2-Fluorobiphenyl
 Concen: 91.571 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

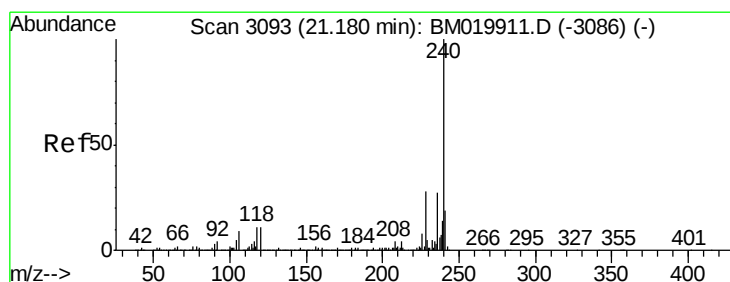
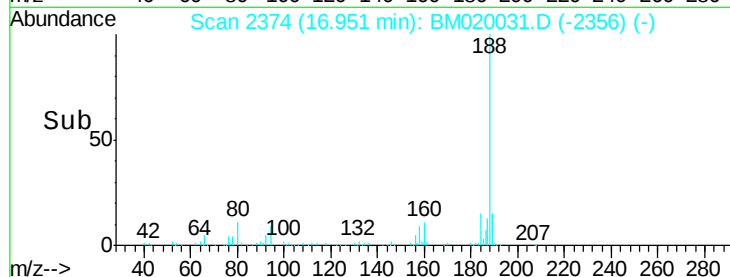
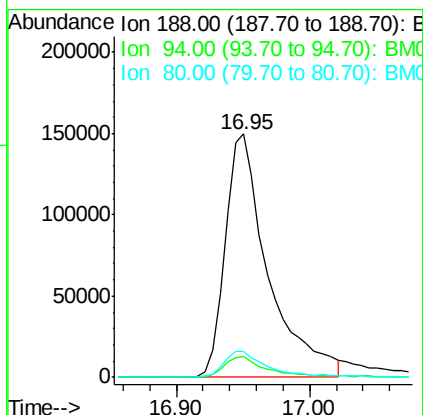
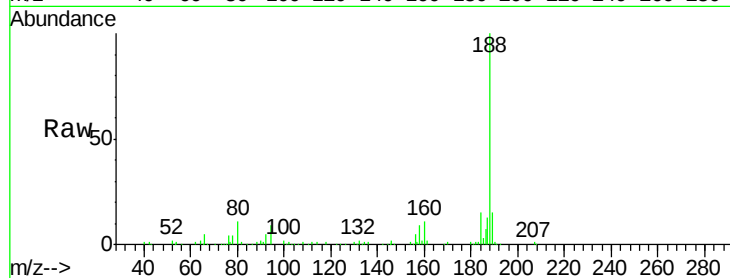




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM020031.D
Acq: 23 Apr 2019 07:30

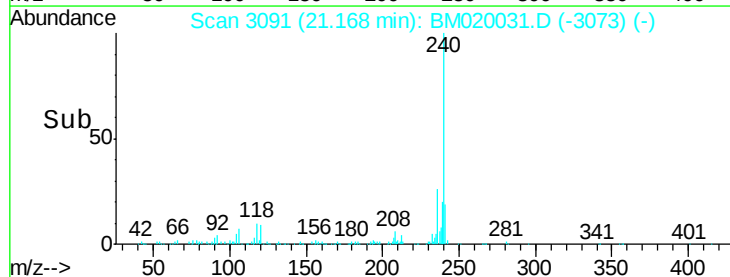
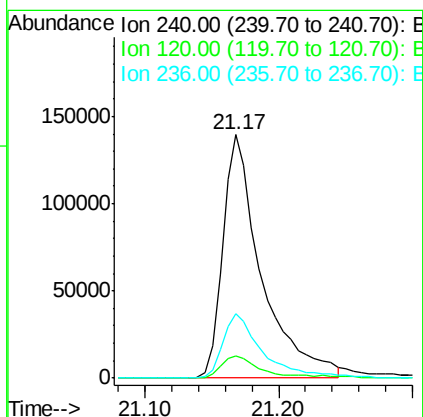
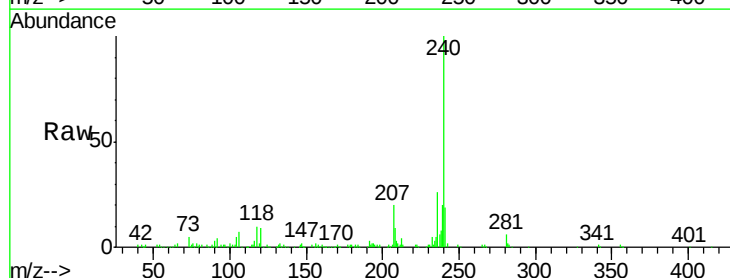
Instrument :
BNA_M
ClientSampleId :

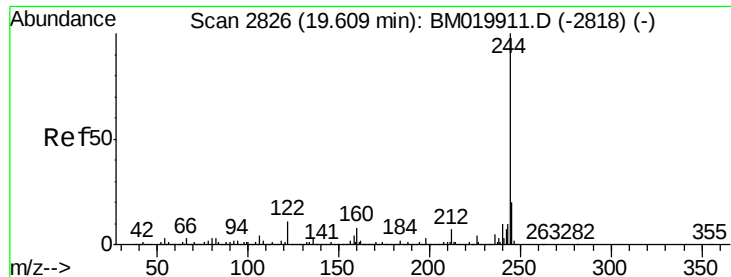
Tot Ion:188 Resp: 336271
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 10.5 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM020031.D
Acq: 23 Apr 2019 07:30

Tgt Ion:240 Resp: 282095
Ion Ratio Lower Upper
240 100
120 9.1 8.6 13.0
236 26.2 21.4 32.2

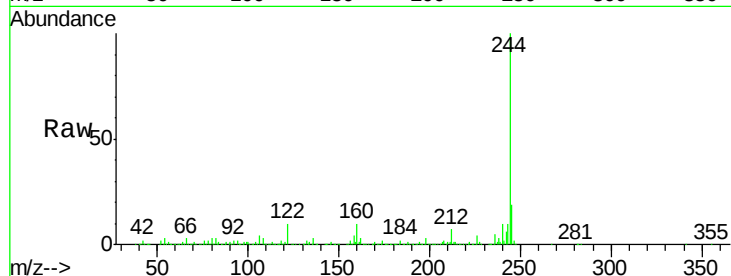




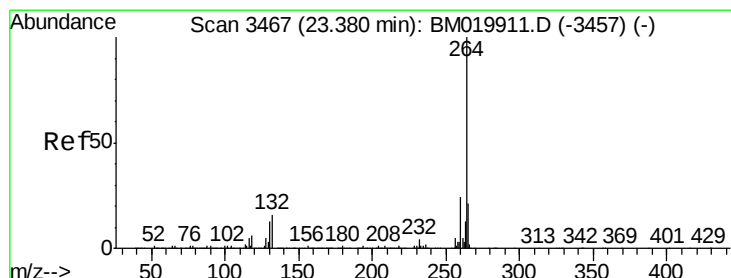
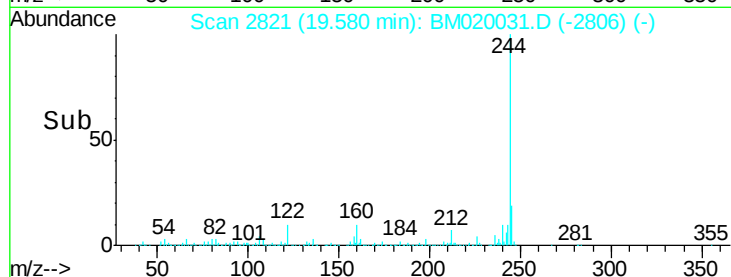
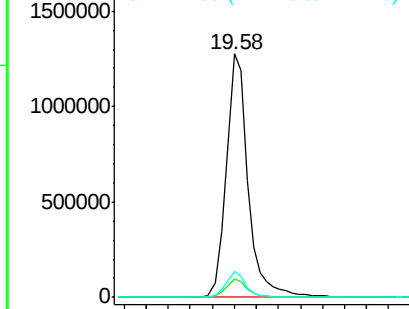
#79
 Terphenyl-d14
 Concen: 110.838 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1772675
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.4 9.1 13.7

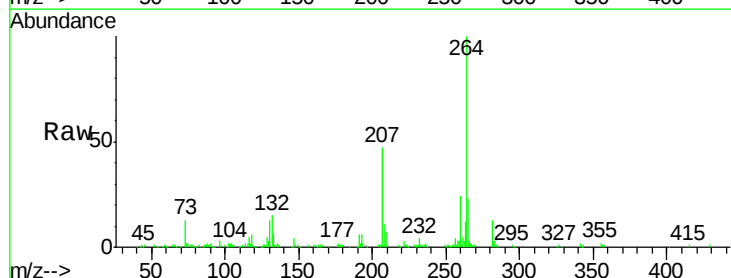


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.36 min Scan# 3463
 Delta R.T. 0.01 min
 Lab File: BM020031.D
 Acq: 23 Apr 2019 07:30

Tgt Ion:264 Resp: 343410
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.6 17.2 25.8



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

