

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020013.D
 Acq On : 22 Apr 2019 19:30
 Operator : JU/SJ
 Sample : K2199-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:03:37 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

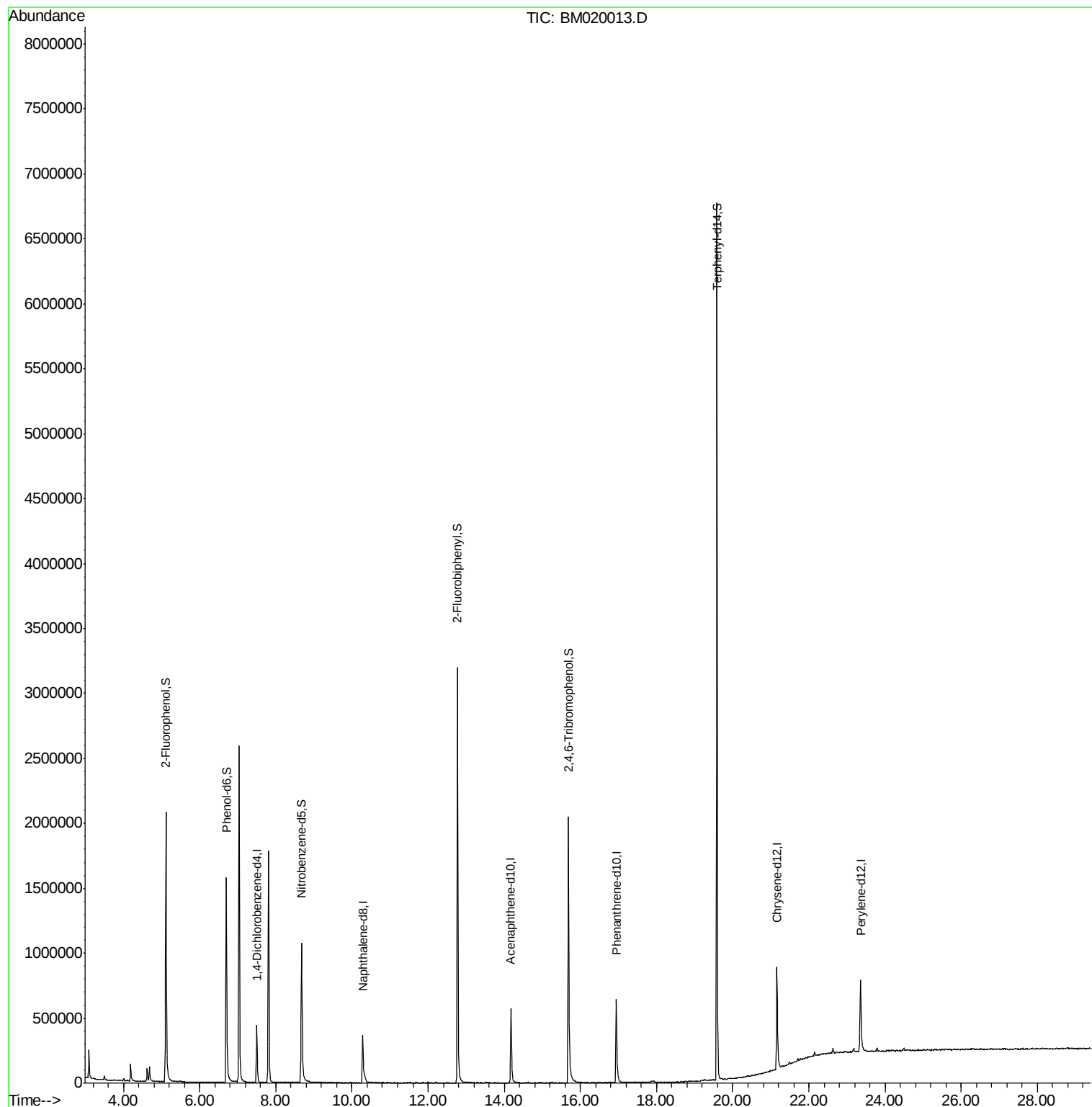
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	115020	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	392627	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	220853	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	473783	20.00	ng	0.00
76) Chrysene-d12	21.16	240	442701	20.00	ng	0.00
87) Perylene-d12	23.36	264	480445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	863043	121.60	ng	-0.01
7) Phenol-d6	6.70	99	971975	91.00	ng	-0.01
23) Nitrobenzene-d5	8.67	82	828607	94.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	453513	127.57	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1691068	95.42	ng	-0.01
79) Terphenyl-d14	19.59	244	2821393	112.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	3444	Below Cal	Qvalue #	7

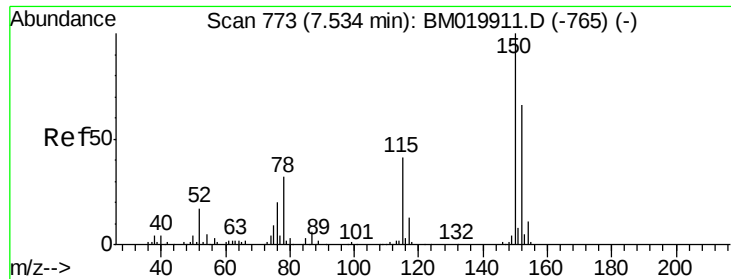
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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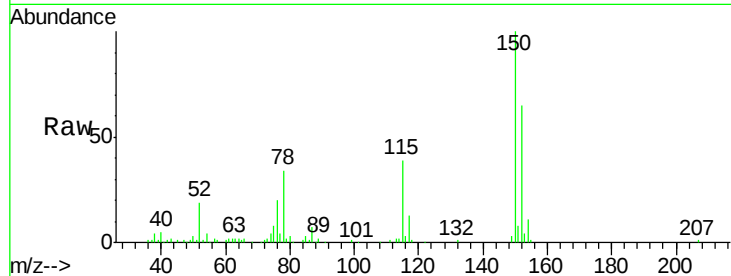


#1

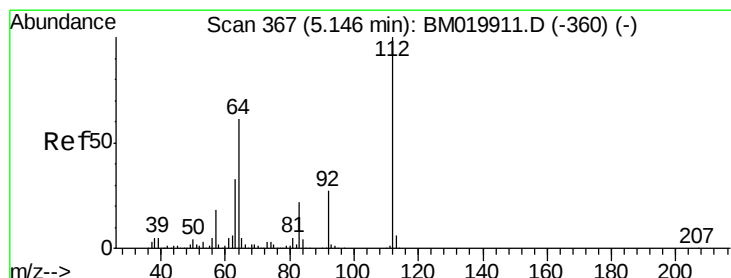
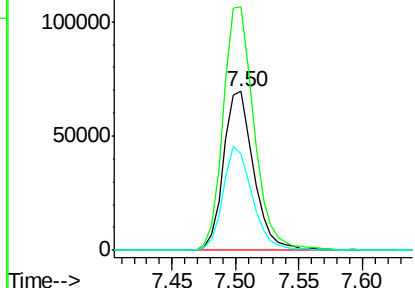
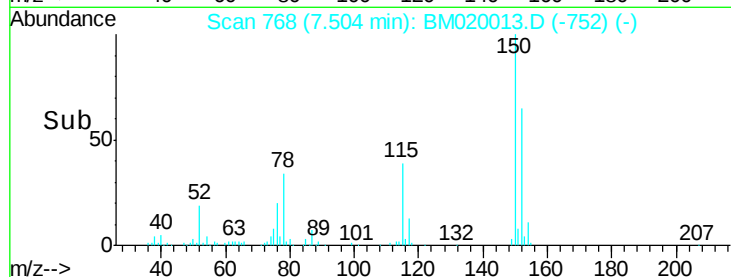
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020013.D
Acq: 22 Apr 2019 19:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 115020
Ion Ratio Lower Upper
152 100
150 153.3 122.1 183.1
115 60.5 50.0 75.0



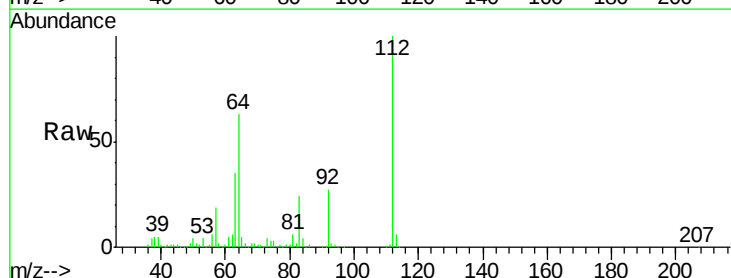
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



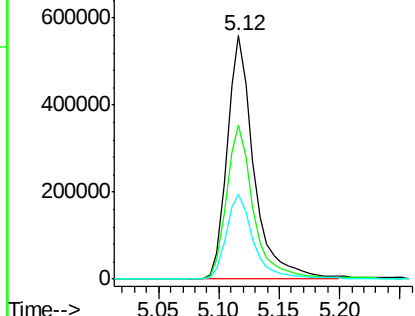
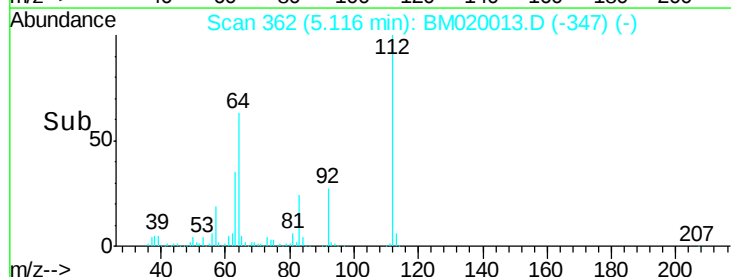
#5

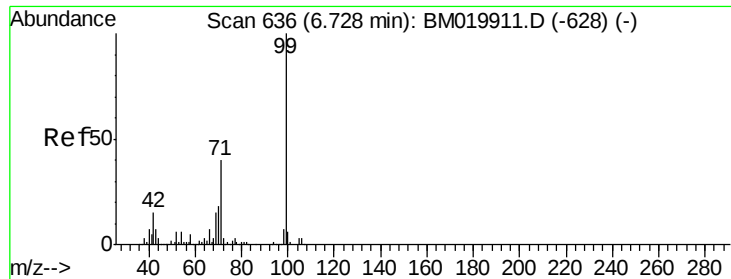
2-Fluorophenol
Concen: 121.604 ng
RT: 5.12 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM020013.D
Acq: 22 Apr 2019 19:30

Tgt Ion:112 Resp: 863043
Ion Ratio Lower Upper
112 100
64 63.0 49.1 73.7
63 34.7 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: 90.999 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020013.D

Acq: 22 Apr 2019 19:30

Instrument :

BNA_M

ClientSampleId :

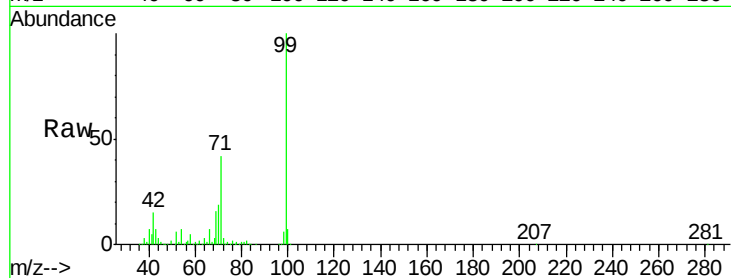
Tot Ion: 99 Resp: 971975

Ion Ratio Lower Upper

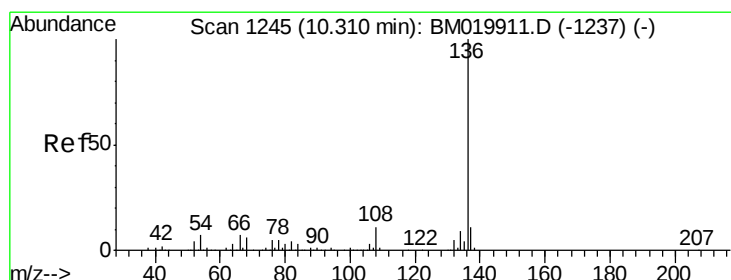
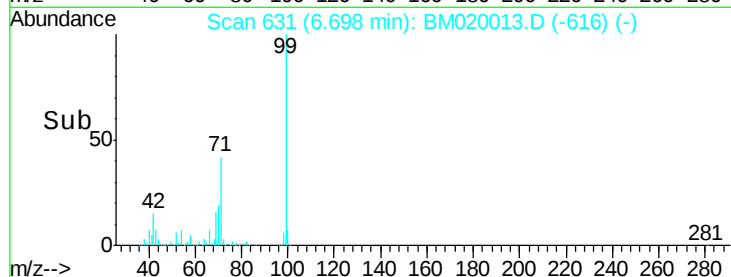
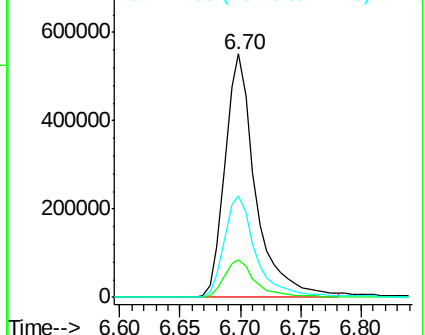
99 100

42 15.2 11.8 17.8

71 41.5 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: 10.29 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BM020013.D

Acq: 22 Apr 2019 19:30

Tgt Ion: 136 Resp: 392627

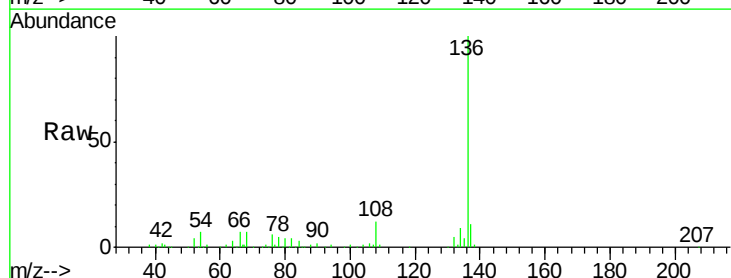
Ion Ratio Lower Upper

136 100

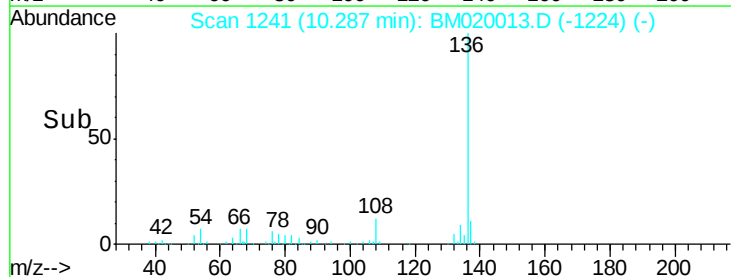
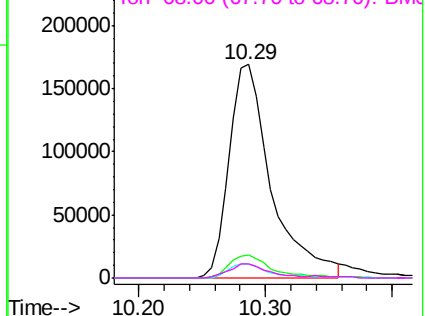
137 10.6 9.0 13.6

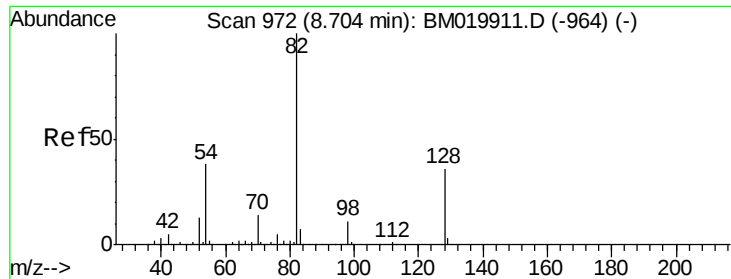
54 6.7 5.3 7.9

68 6.7 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

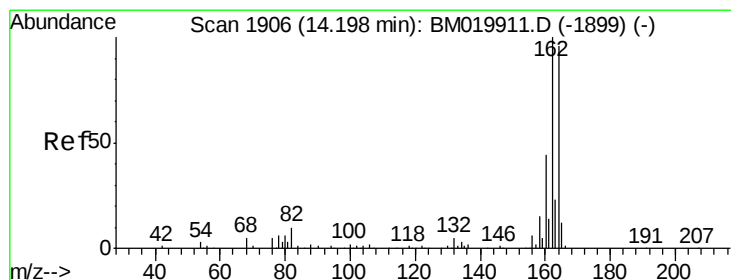
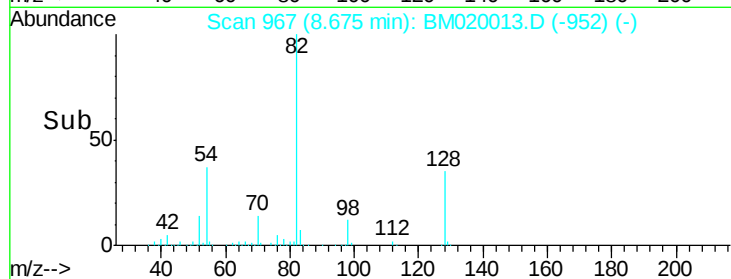
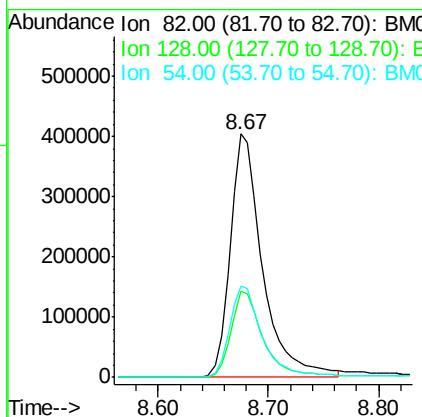
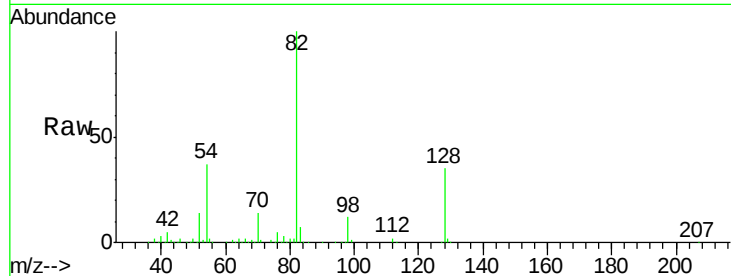




#23
Nitrobenzene-d5
Concen: 94.380 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020013.D
Acq: 22 Apr 2019 19:30

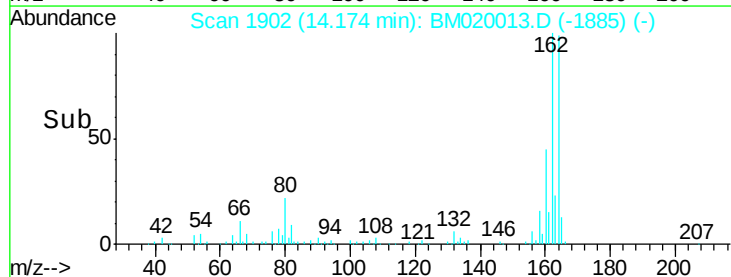
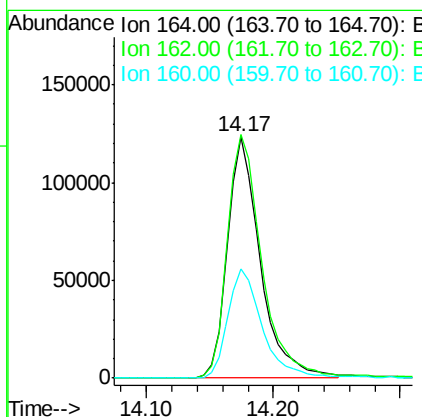
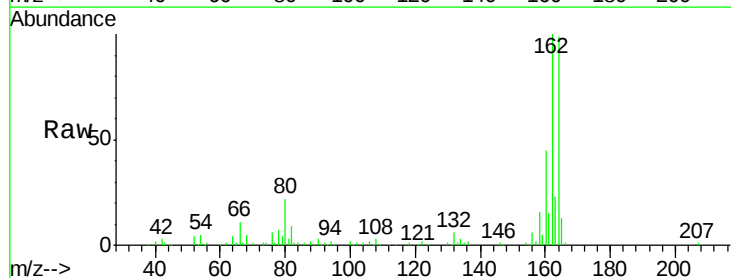
Instrument :
BNA_M
ClientSampled :

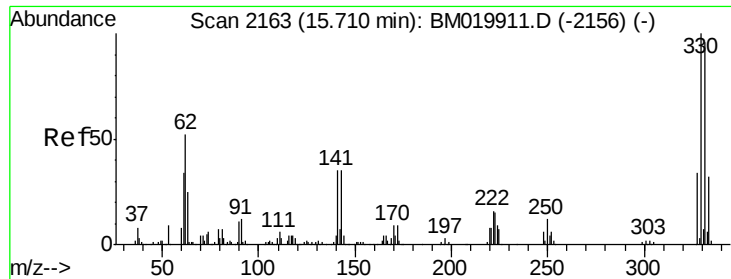
Tot Ion	82	Resp	828607
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.0	43.4
54	37.2	30.2	45.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM020013.D
Acq: 22 Apr 2019 19:30

Tgt Ion	164	Resp	220853
Ion Ratio	Lower	Upper	
164	100		
162	100.8	83.0	124.4
160	45.4	36.6	55.0

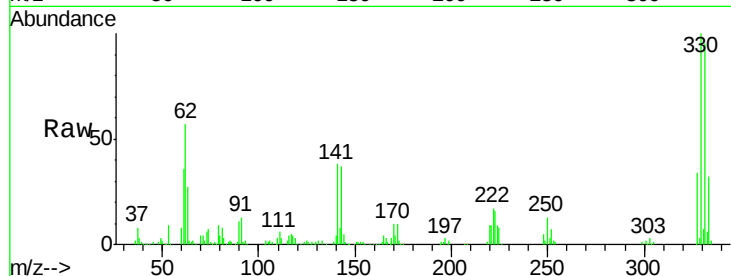




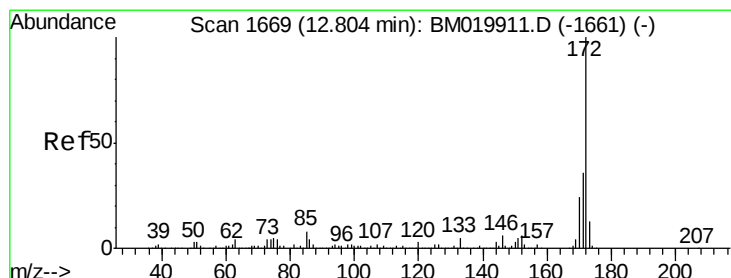
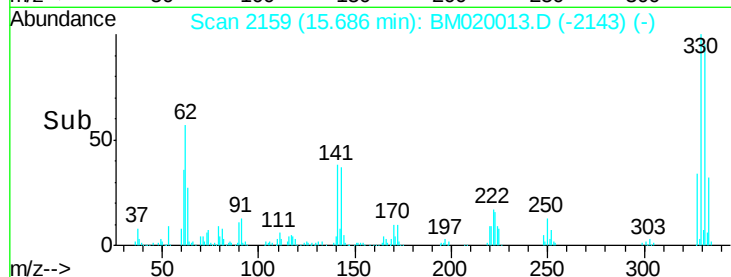
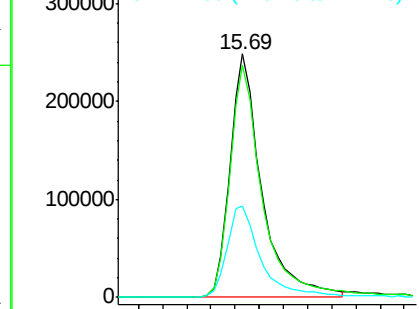
#42
 2,4,6-Tribromophenol
 Concen: 127.566 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020013.D
 Acq: 22 Apr 2019 19:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	39.8	29.0	43.4

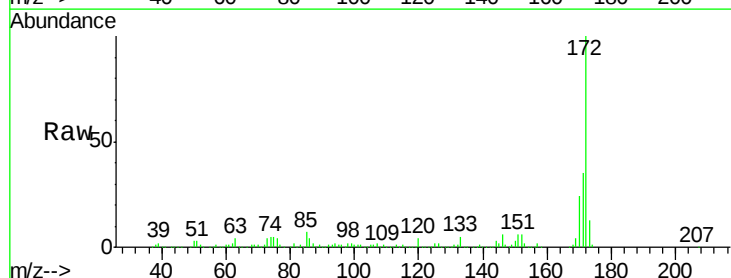


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

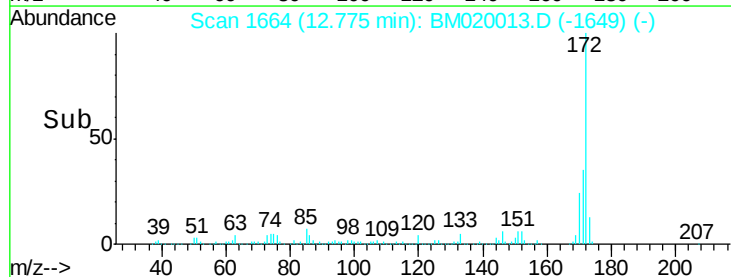
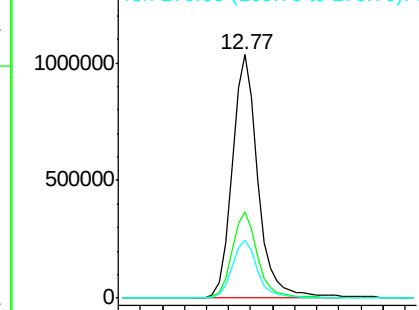


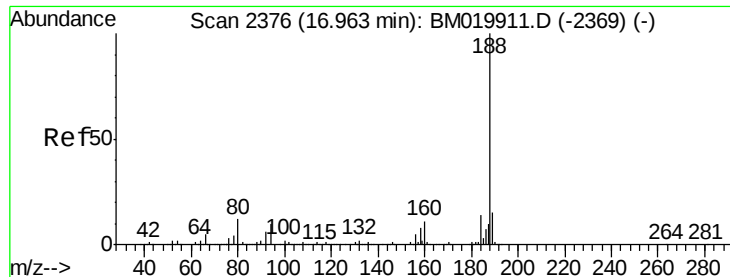
#45
 2-Fluorobiphenyl
 Concen: 95.424 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020013.D
 Acq: 22 Apr 2019 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.7	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# 2373

Delta R.T. 0.00 min

Lab File: BM020013.D

Acq: 22 Apr 2019 19:30

Instrument :

BNA_M

ClientSampleId :

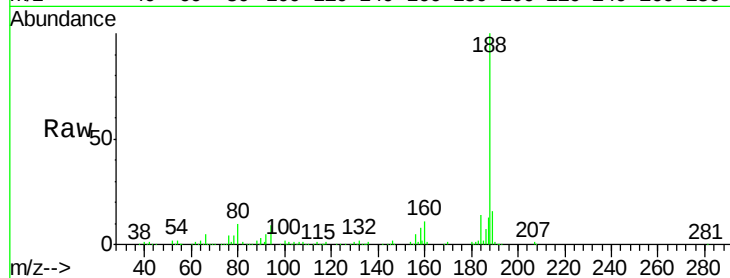
Tot Ion:188 Resp: 473783

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

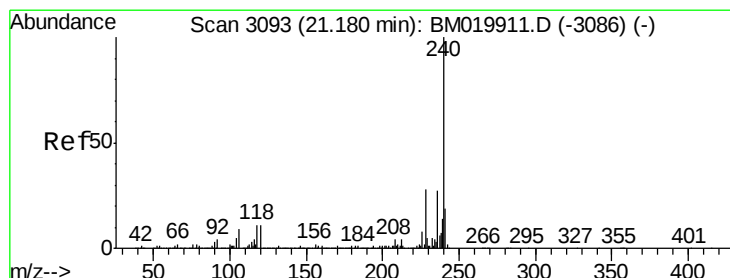
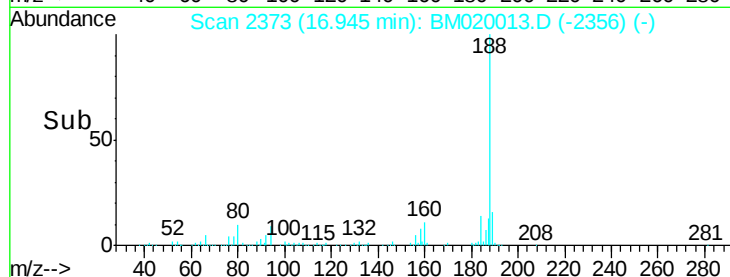
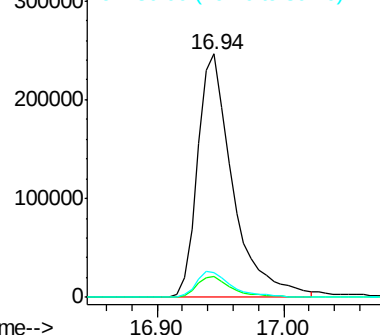
80 10.4 9.4 14.0



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# 3090

Delta R.T. 0.00 min

Lab File: BM020013.D

Acq: 22 Apr 2019 19:30

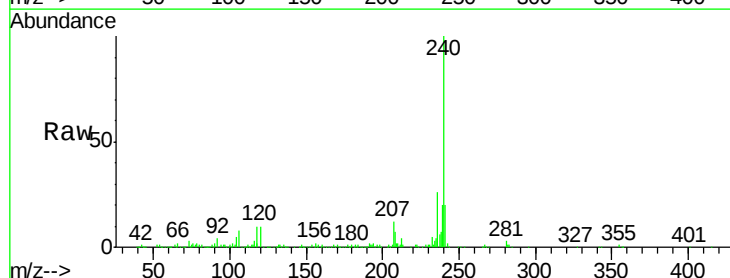
Tgt Ion:240 Resp: 442701

Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

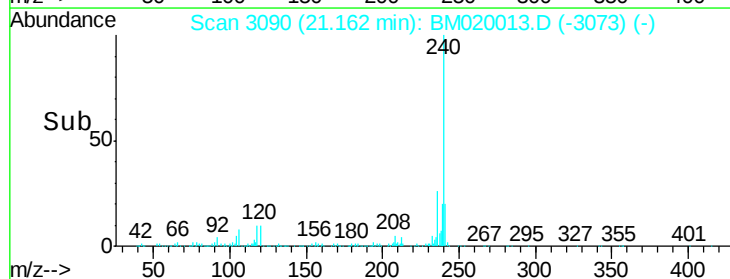
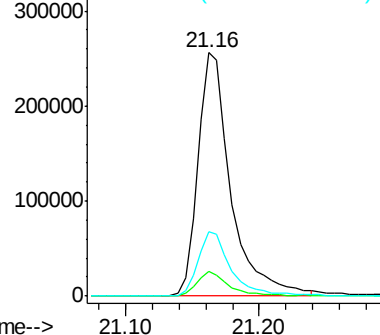
236 26.3 21.4 32.2

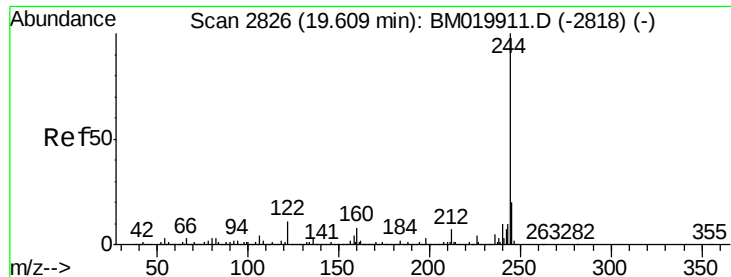


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

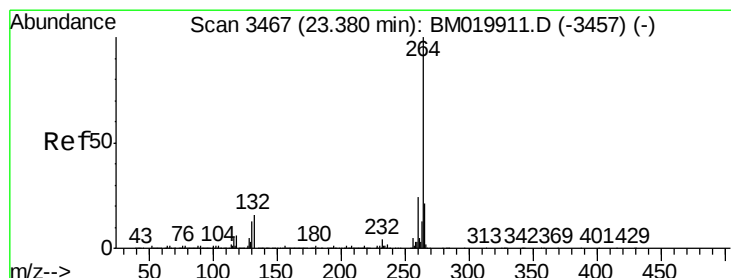
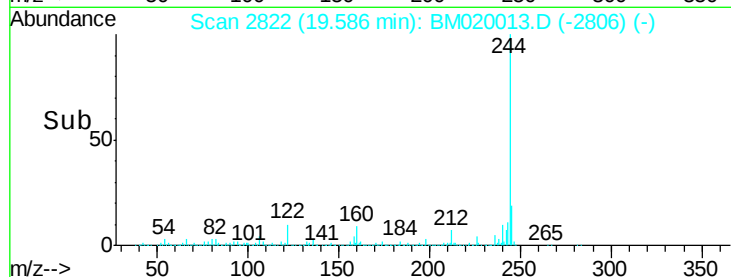
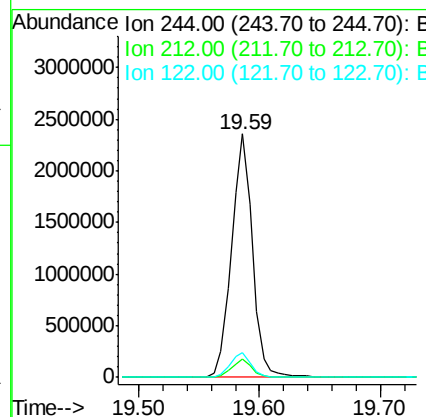
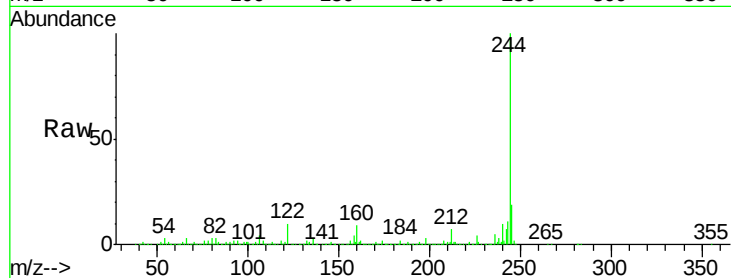




#79
 Terphenyl-d14
 Concen: 112.411 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020013.D
 Acq: 22 Apr 2019 19:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 2821393
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.4 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: BM020013.D
 Acq: 22 Apr 2019 19:30

Tgt Ion:264 Resp: 480445
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 17.2 25.8

