

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019946.D
 Acq On : 17 Apr 2019 19:52
 Operator : JU/SJ
 Sample : K2442-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:12:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

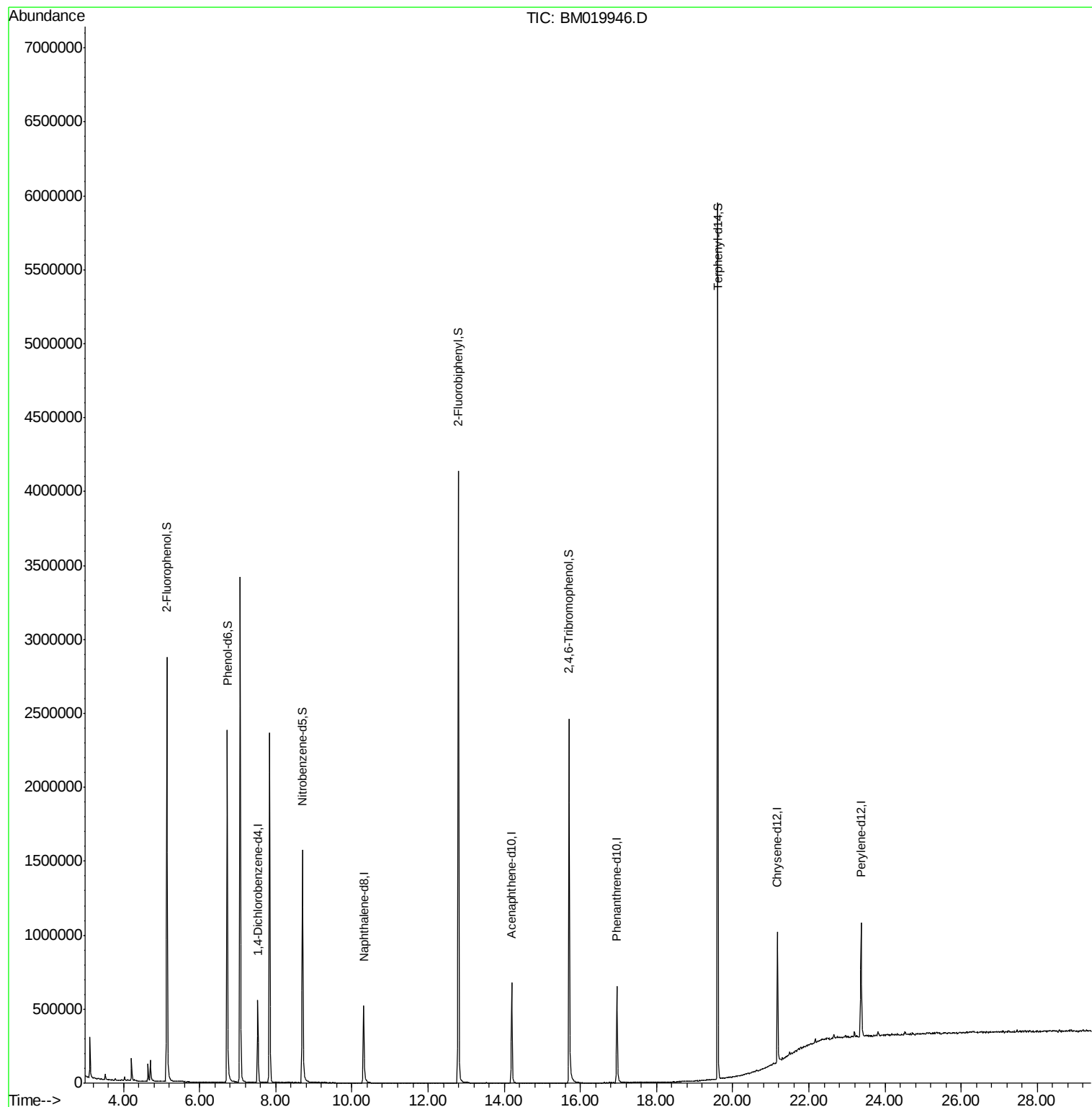
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	137652	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	489411	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	242912	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	437842	20.00	ng	0.00
76) Chrysene-d12	21.17	240	411837	20.00	ng	0.00
87) Perylene-d12	23.37	264	555642	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1153061	135.76	ng	0.00
7) Phenol-d6	6.72	99	1337901	104.66	ng	0.00
23) Nitrobenzene-d5	8.70	82	1093365	99.91	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	471732	120.64	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2012021	103.22	ng	0.00
79) Terphenyl-d14	19.60	244	2410194	103.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	2802	Below Cal	Qvalue #	7

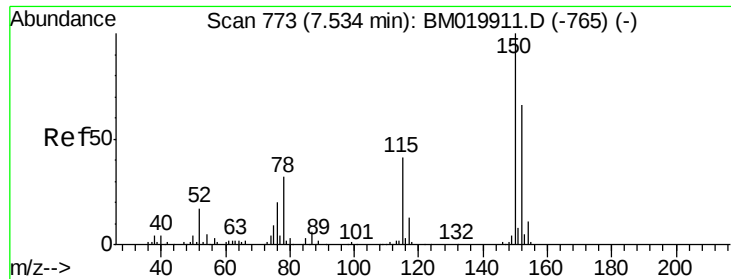
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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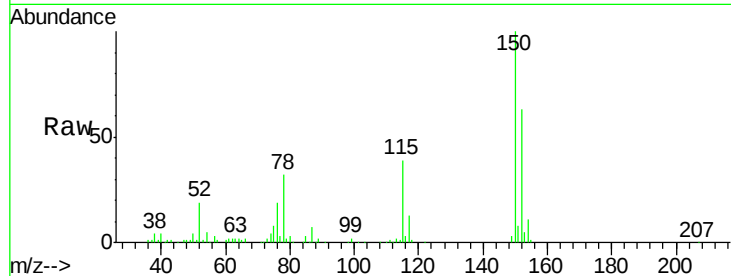


#1

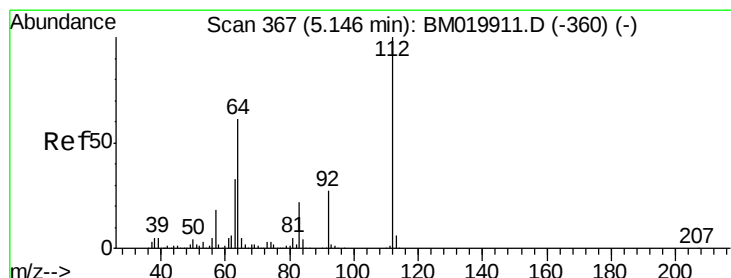
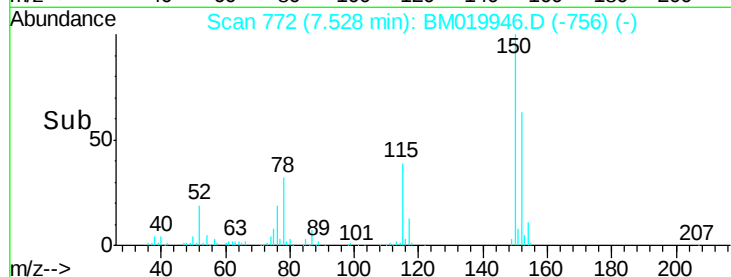
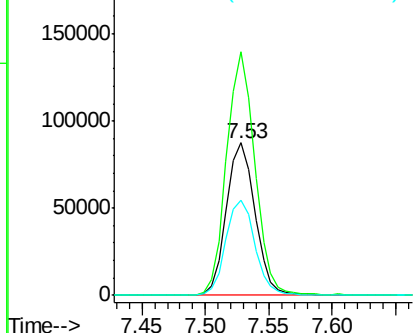
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019946.D
Acq: 17 Apr 2019 19:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 137652
Ion Ratio Lower Upper
152 100
150 159.9 122.1 183.1
115 62.4 50.0 75.0



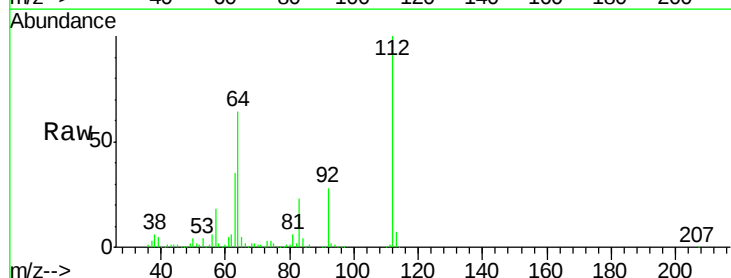
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



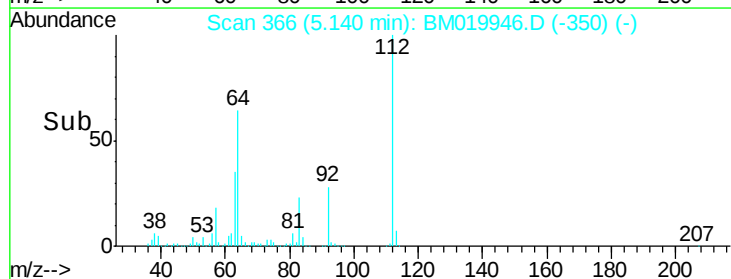
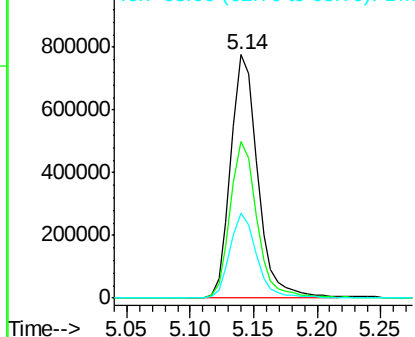
#5

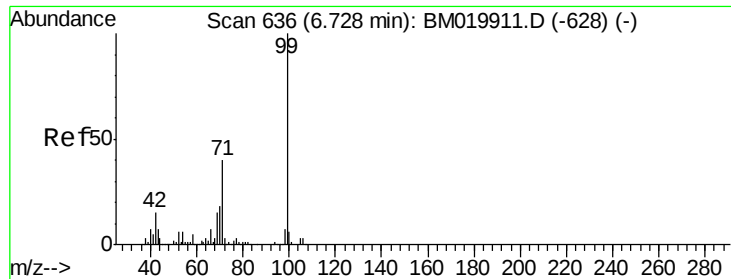
2-Fluorophenol
Concen: 135.756 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019946.D
Acq: 17 Apr 2019 19:52

Tgt Ion:112 Resp: 1153061
Ion Ratio Lower Upper
112 100
64 64.1 49.1 73.7
63 34.9 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: 104.664 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019946.D

Acq: 17 Apr 2019 19:52

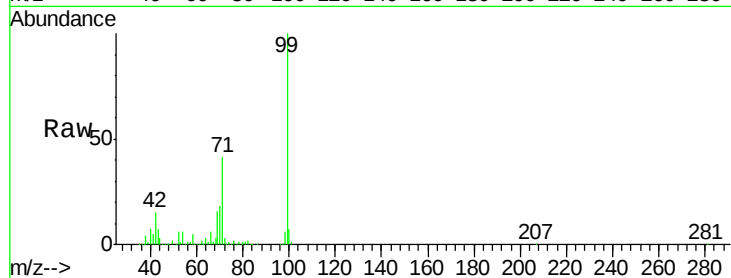
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1337901

Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.8	17.8
71	40.9	32.0	48.0

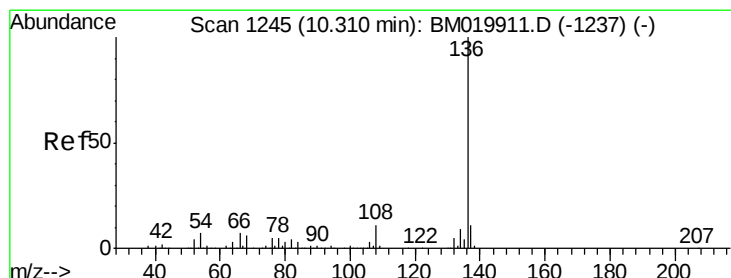
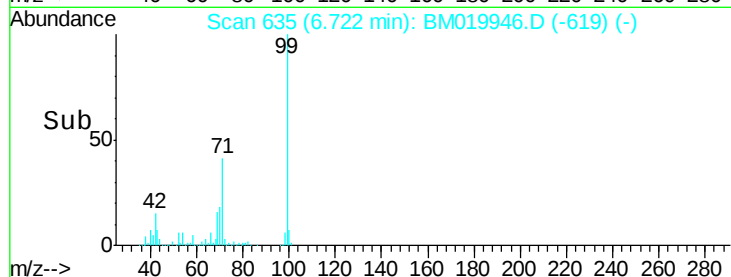
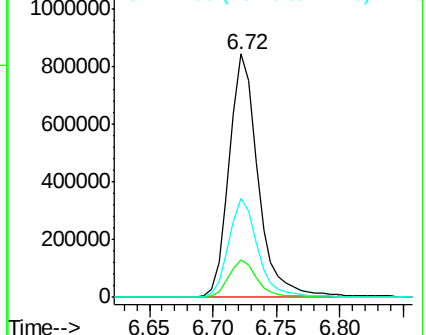


Abundance

Ion 99.00 (98.70 to 99.70): BM019946.D (-619) (-)

Ion 42.00 (41.70 to 42.70): BM019946.D (-619) (-)

Ion 71.00 (70.70 to 71.70): BM019946.D (-619) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BM019946.D

Acq: 17 Apr 2019 19:52

Tgt Ion: 136 Resp: 489411

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.8	5.3	7.9
68	6.7	5.2	7.8

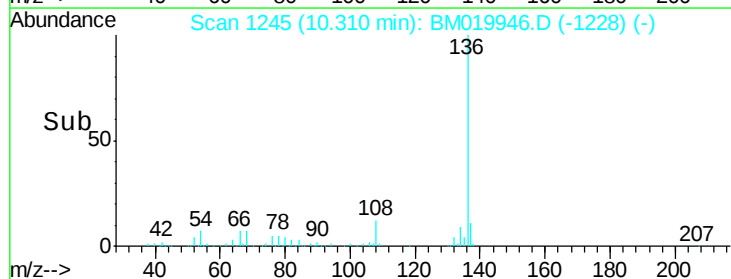
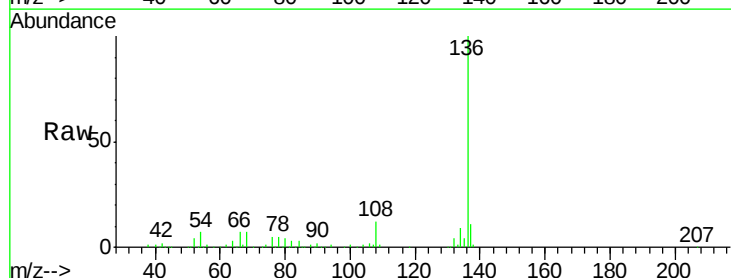
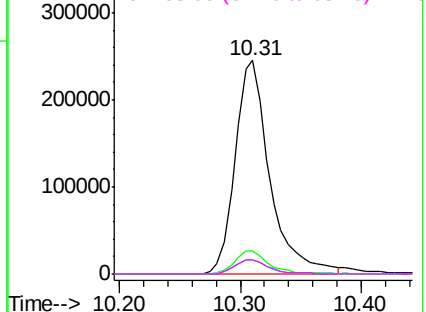
Abundance

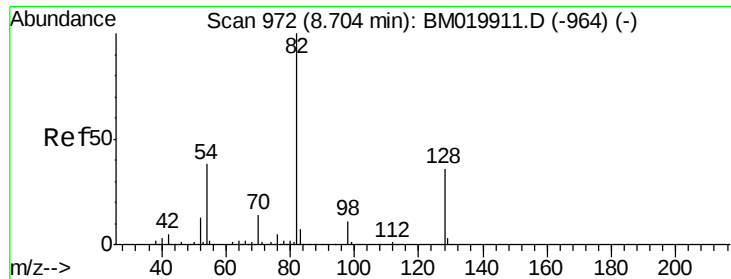
Ion 136.00 (135.70 to 136.70): BM019946.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM019946.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM019946.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM019946.D (-1228) (-)

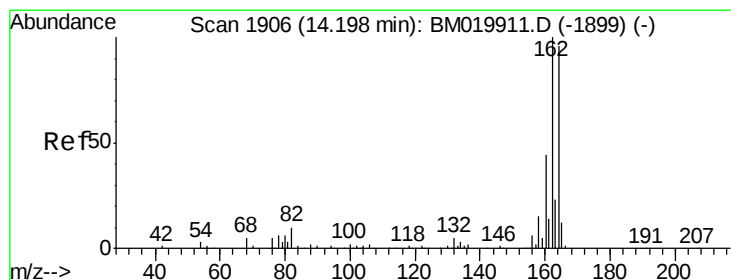
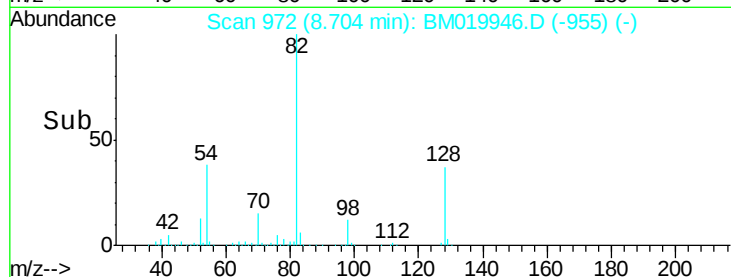
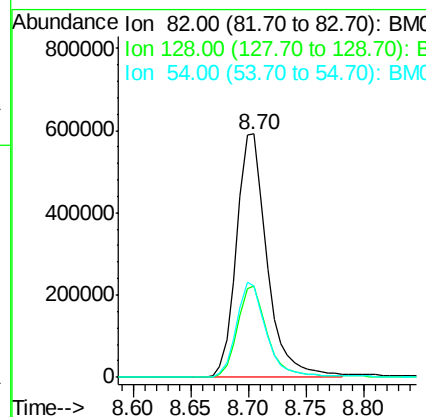
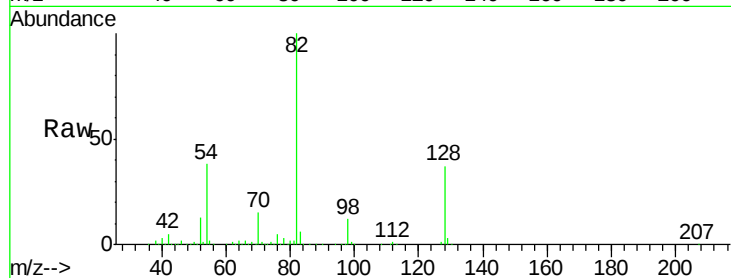




#23
 Nitrobenzene-d5
 Concen: 99.909 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

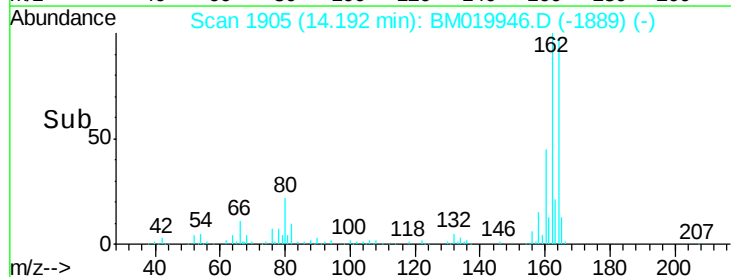
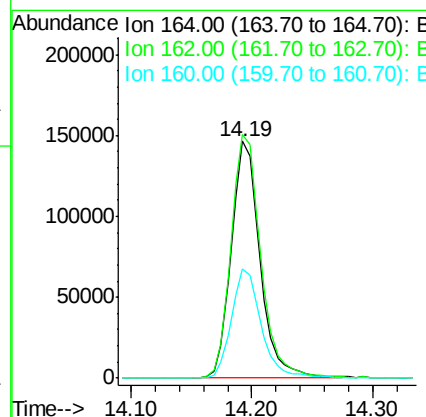
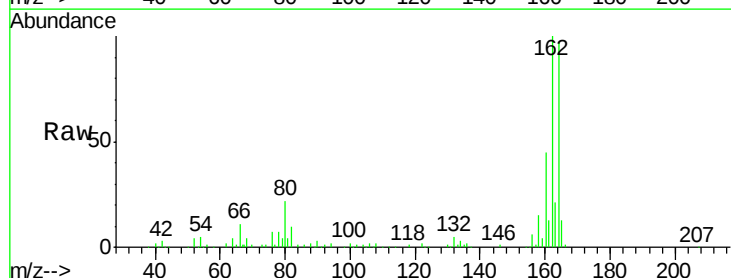
Instrument :
 BNA_M
 ClientSampleId :

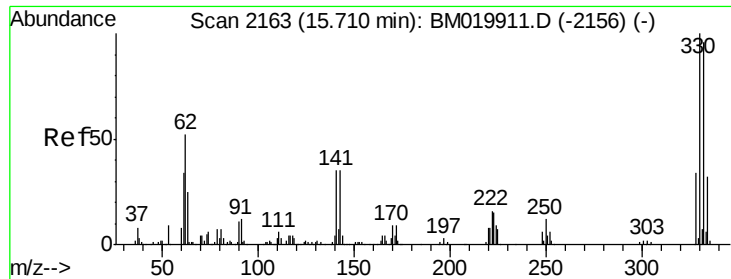
Tot Ion: 82 Resp: 1093365
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.0 43.4
 54 37.6 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

Tgt Ion: 164 Resp: 242912
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.0 124.4
 160 45.9 36.6 55.0

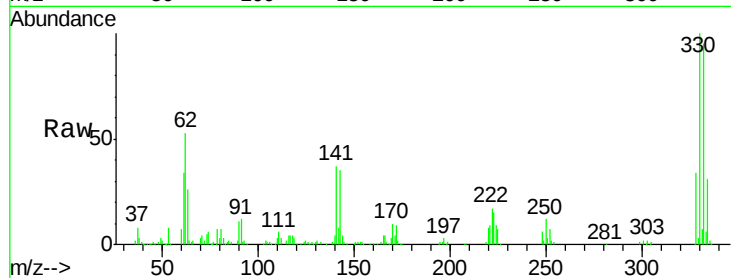




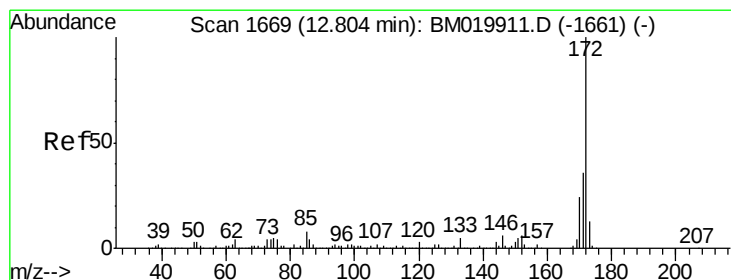
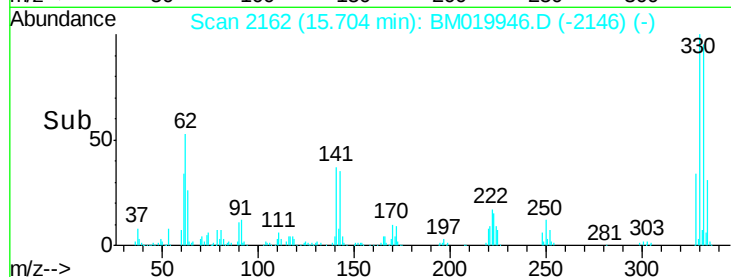
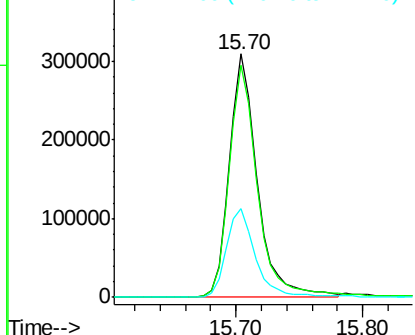
#42
 2,4,6-Tribromophenol
 Concen: 120.641 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 471732
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.1 29.0 43.4

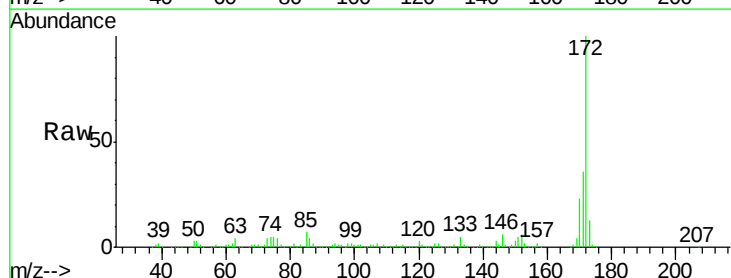


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

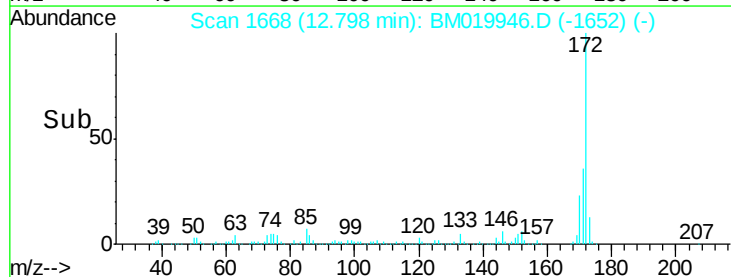
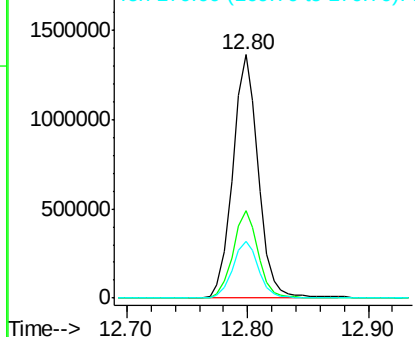


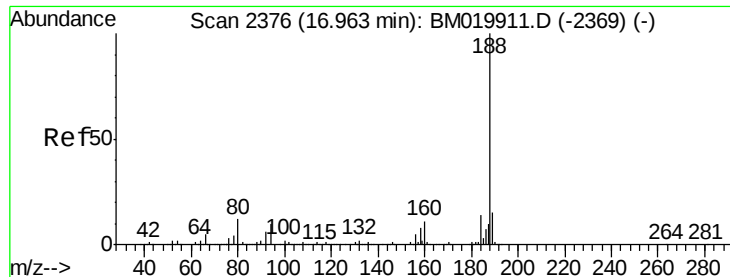
#45
 2-Fluorobiphenyl
 Concen: 103.224 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

Tgt Ion:172 Resp: 2012021
 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: 16.96 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM019946.D

Acq: 17 Apr 2019 19:52

Instrument :

BNA_M

ClientSampleId :

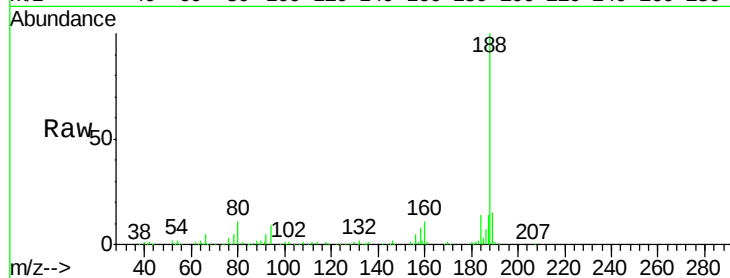
Tot Ion:188 Resp: 437842

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

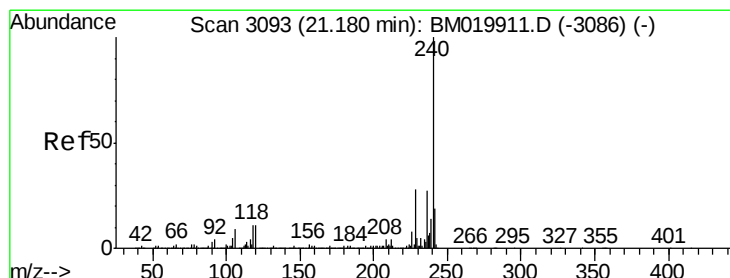
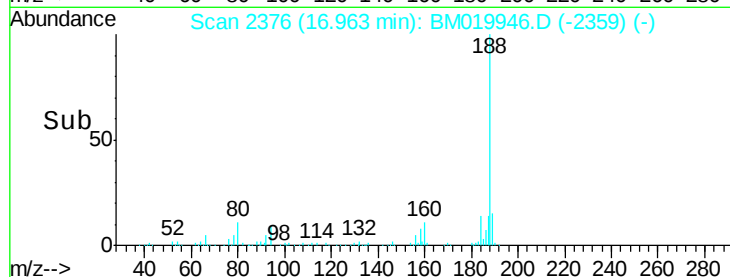
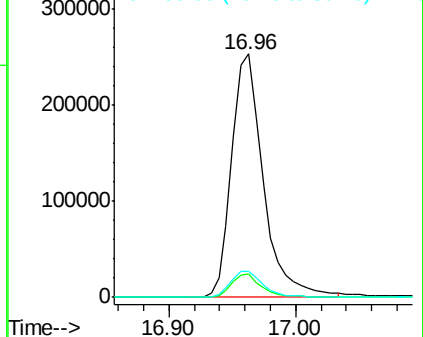
80 10.6 9.4 14.0



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# 3092

Delta R.T. -0.01 min

Lab File: BM019946.D

Acq: 17 Apr 2019 19:52

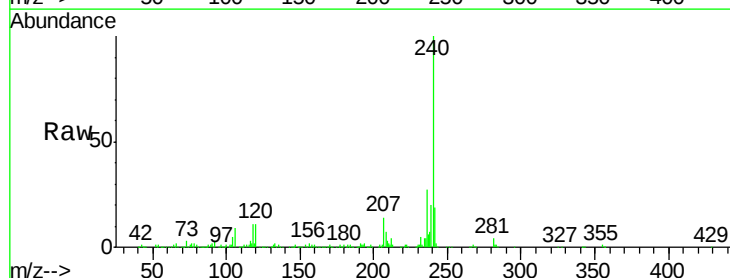
Tgt Ion:240 Resp: 411837

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

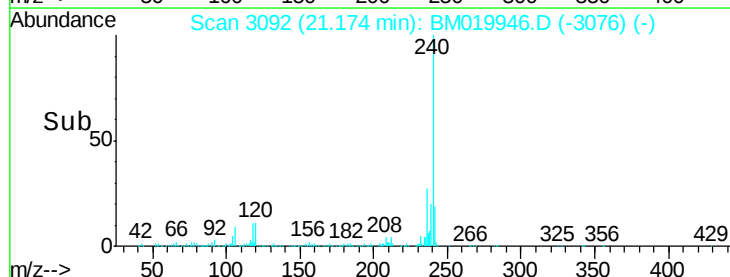
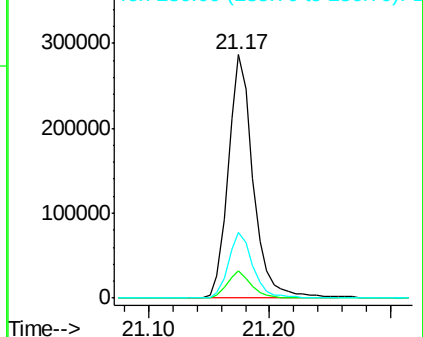
236 26.8 21.4 32.2

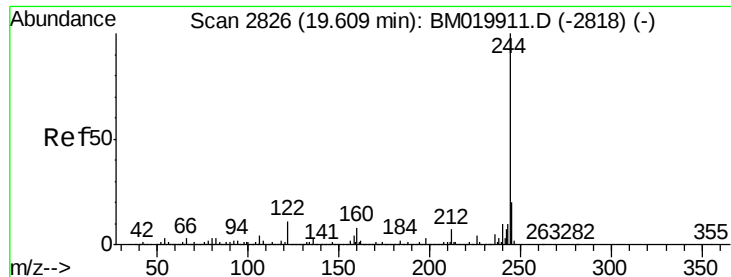


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

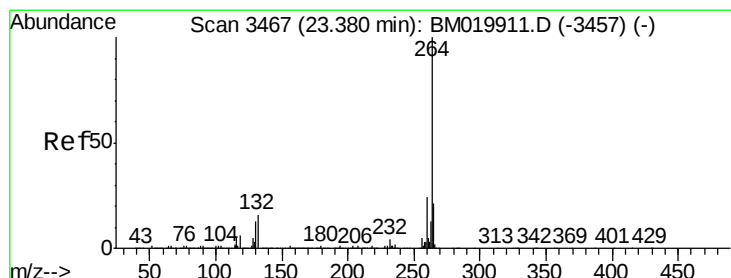
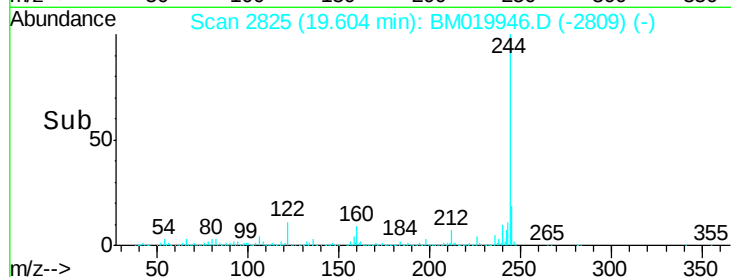
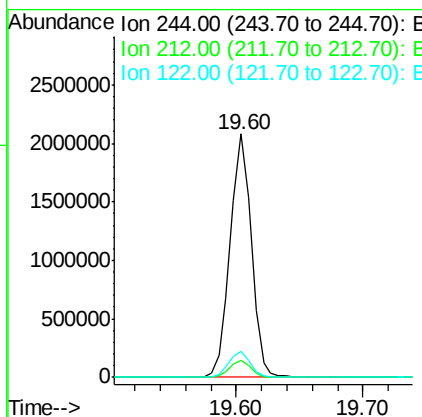
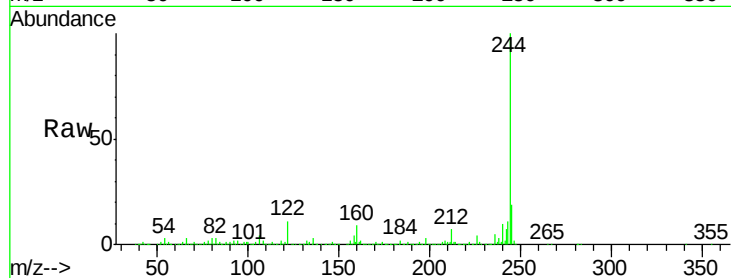




#79
 Terphenyl-d14
 Concen: 103.224 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 2410194
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3465
 Delta R.T. -0.01 min
 Lab File: BM019946.D
 Acq: 17 Apr 2019 19:52

Tgt Ion:264 Resp: 555642
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 22.4 17.2 25.8

