

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019950.D
 Acq On : 17 Apr 2019 22:18
 Operator : JU/SJ
 Sample : K2423-17RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:13:23 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

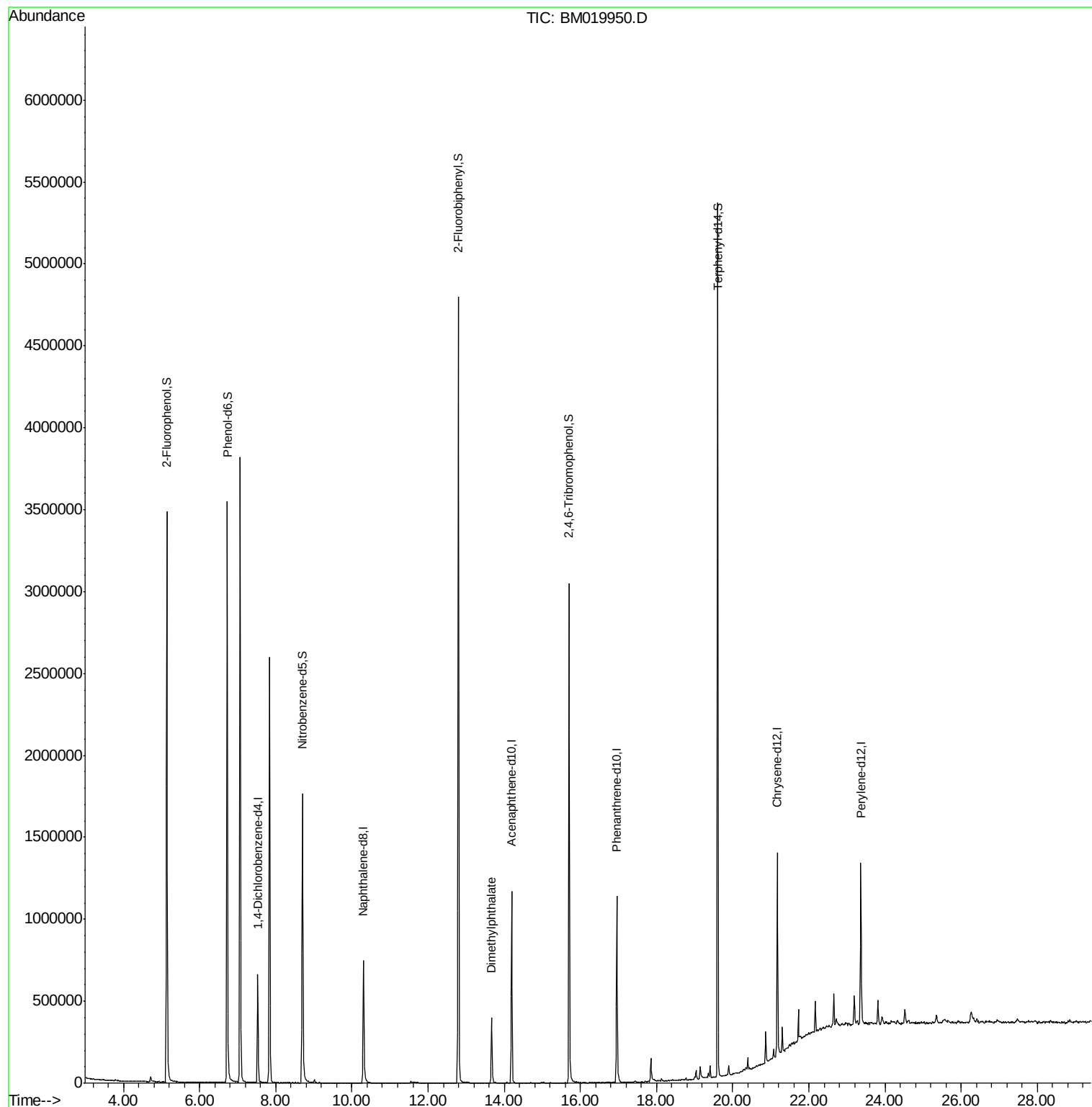
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	170701	20.00	ng	-0.01
21) Naphthalene-d8	10.30	136	659249	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	361330	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	663685	20.00	ng	0.00
76) Chrysene-d12	21.17	240	523976	20.00	ng	0.00
87) Perylene-d12	23.37	264	672976	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1397585	132.69	ng	0.00
7) Phenol-d6	6.72	99	1973361	124.49	ng	0.00
23) Nitrobenzene-d5	8.70	82	1216527	82.52	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	574173	98.72	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2311672	79.73	ng	0.00
79) Terphenyl-d14	19.60	244	2268717	76.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	4422	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.67	163	306342	9.612 ng		99

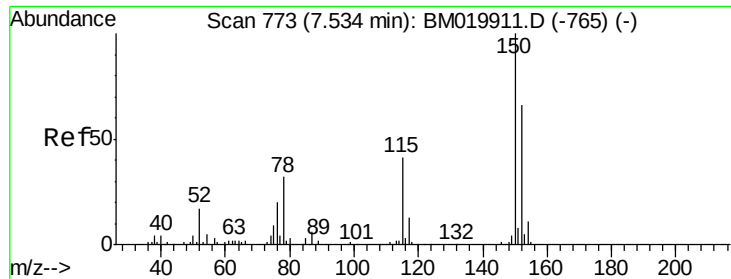
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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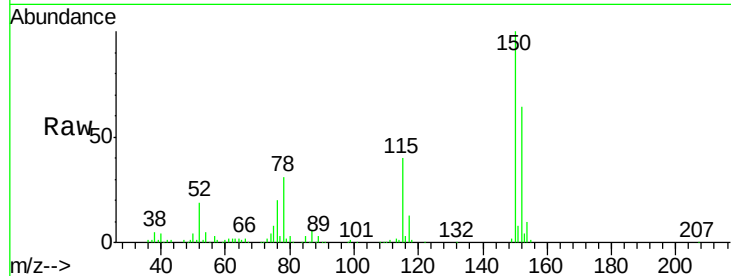


#1

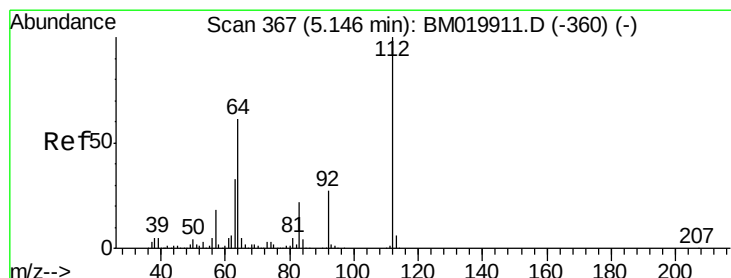
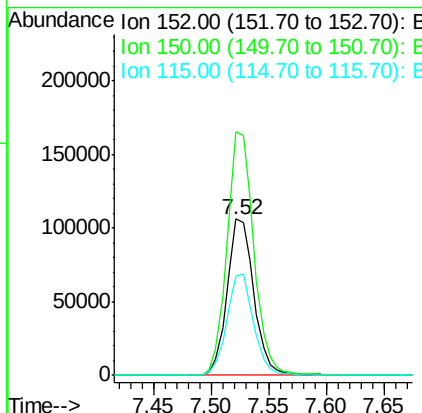
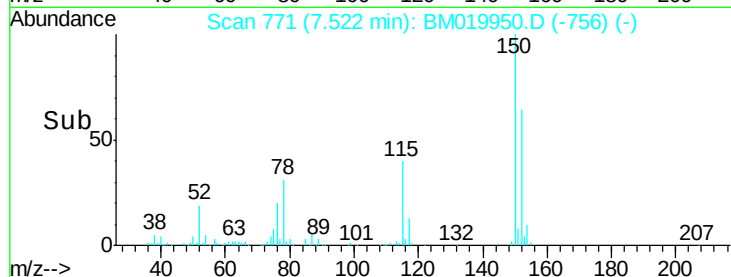
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM019950.D
Acq: 17 Apr 2019 22:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	170701
Ion Ratio	Lower	Upper	
152	100		
150	156.0	122.1	183.1
115	63.2	50.0	75.0



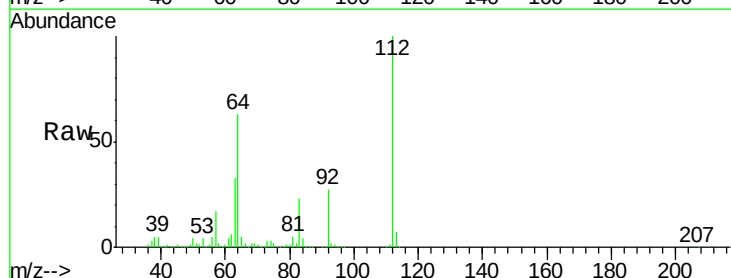
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



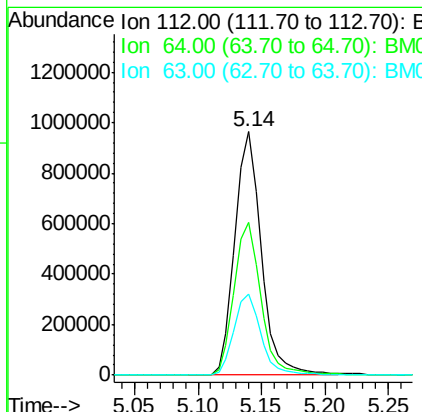
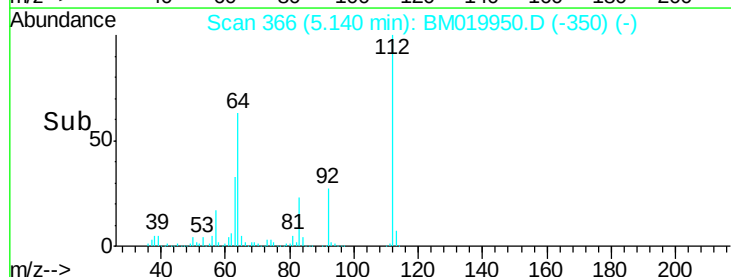
#5

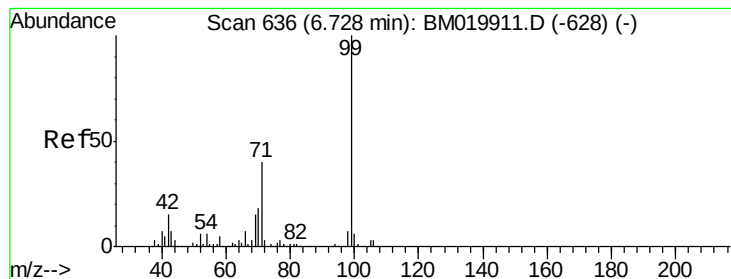
2-Fluorophenol
Concen: 132.688 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019950.D
Acq: 17 Apr 2019 22:18

Tgt Ion	112	Resp	1397585
Ion Ratio	Lower	Upper	
112	100		
64	63.0	49.1	73.7
63	33.5	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: 124.488 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

Instrument :

BNA_M

ClientSampleId :

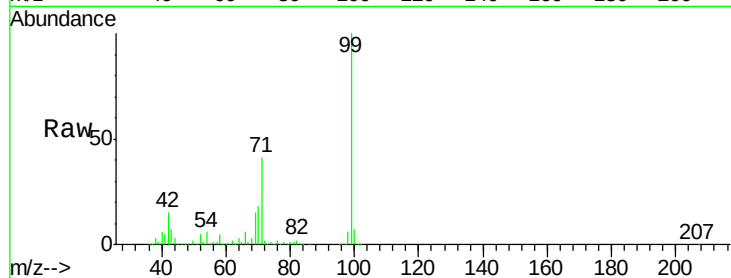
Tot Ion: 99 Resp: 1973361

Ion Ratio Lower Upper

99 100

42 14.7 11.8 17.8

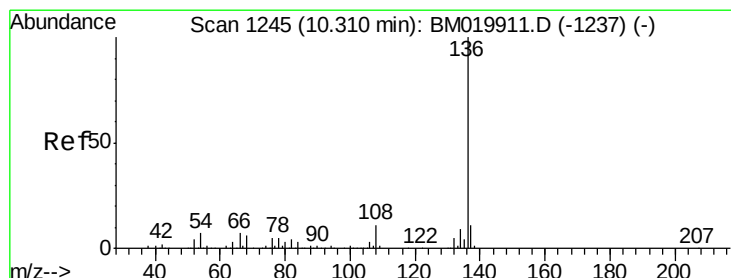
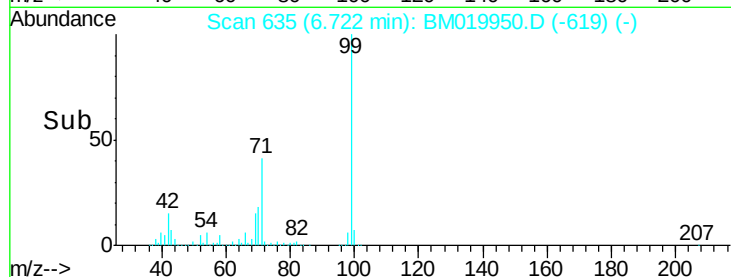
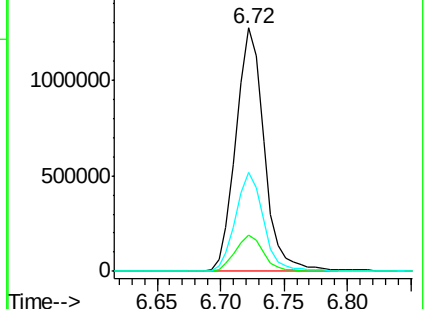
71 40.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

Tgt Ion: 136 Resp: 659249

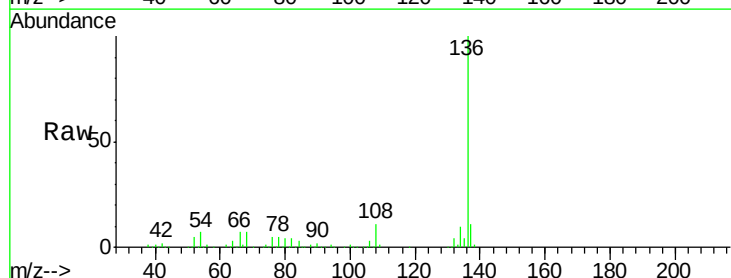
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.8 5.3 7.9

68 7.4 5.2 7.8

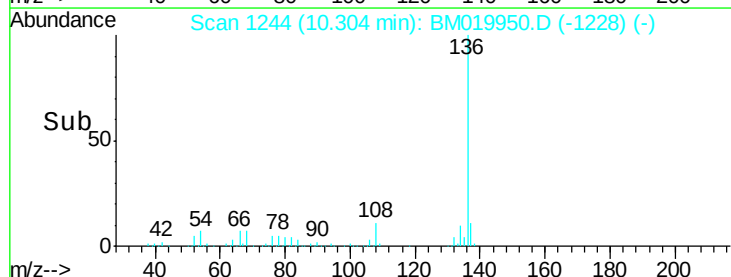
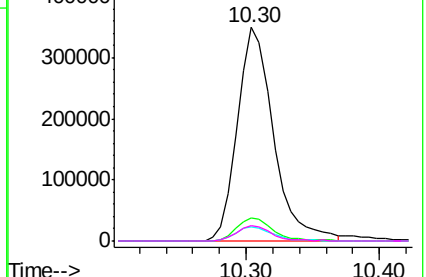


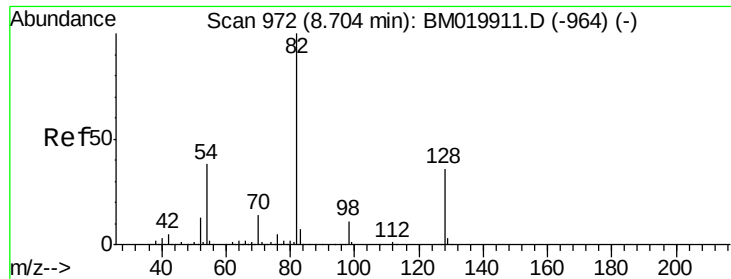
Abundance Ion 136.00 (135.70 to 136.70): BM019911.D (-1237) (-)

Ion 137.00 (136.70 to 137.70): BM019911.D (-1237) (-)

Ion 54.00 (53.70 to 54.70): BM019911.D (-1237) (-)

Ion 68.00 (67.70 to 68.70): BM019911.D (-1237) (-)



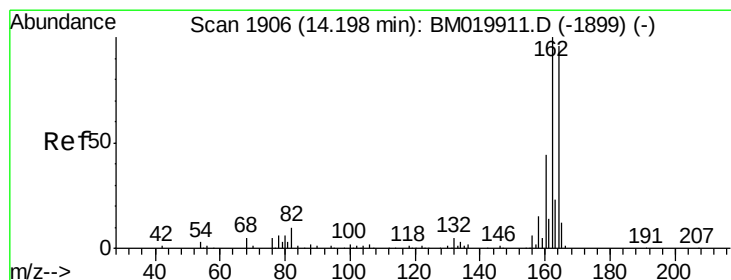
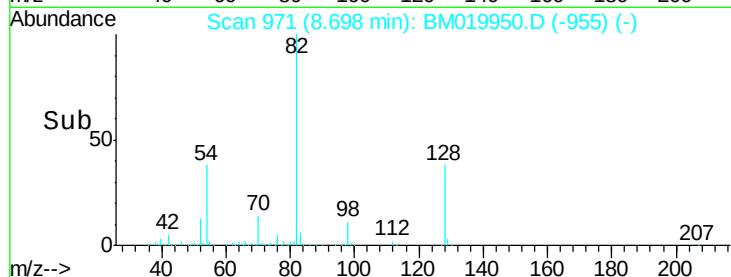
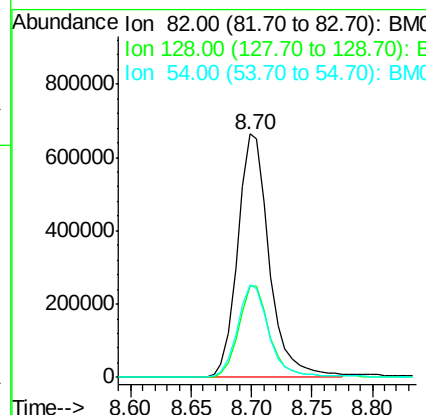
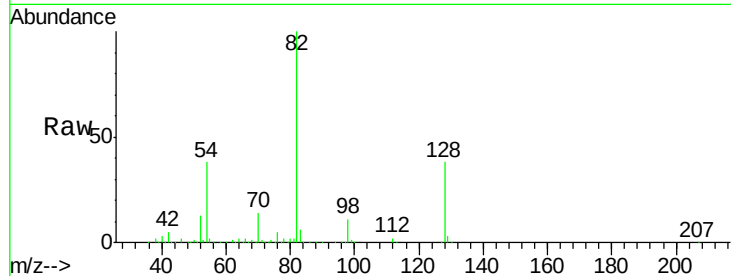


#23
 Nitrobenzene-d5
 Concen: 82.525 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM019950.D
 Acq: 17 Apr 2019 22:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1216527

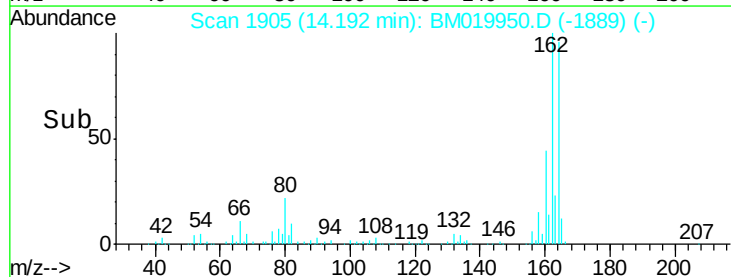
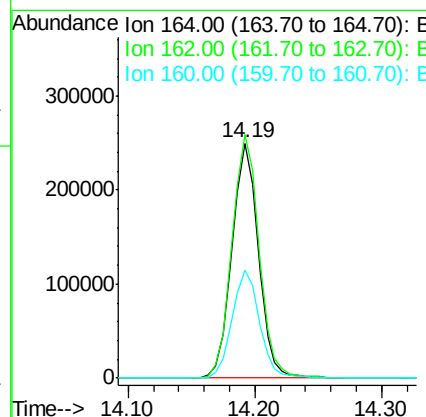
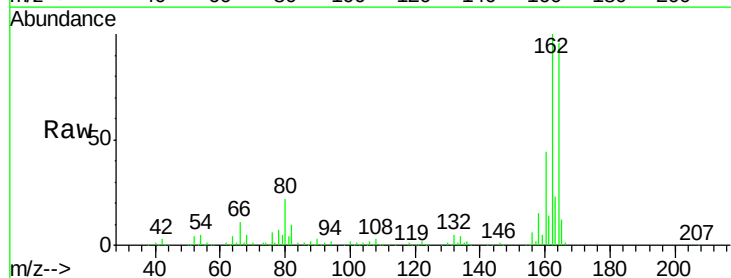
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.0	43.4
54	38.0	30.2	45.4

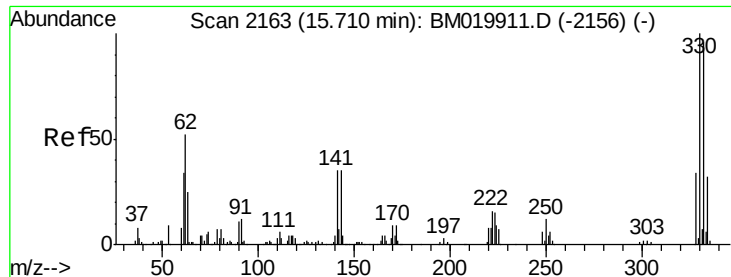


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM019950.D
 Acq: 17 Apr 2019 22:18

Tgt Ion:164 Resp: 361330

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	46.1	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 98.716 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

Instrument :

BNA_M

ClientSampled :

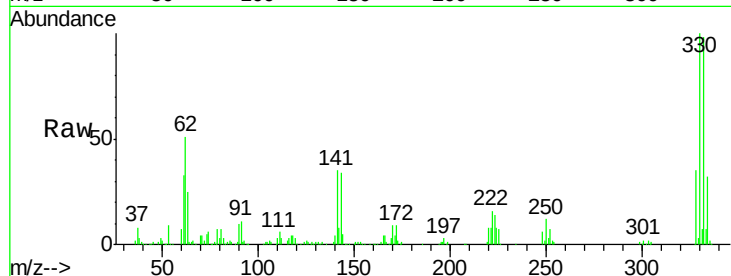
Tot Ion:330 Resp: 574173

Ion Ratio Lower Upper

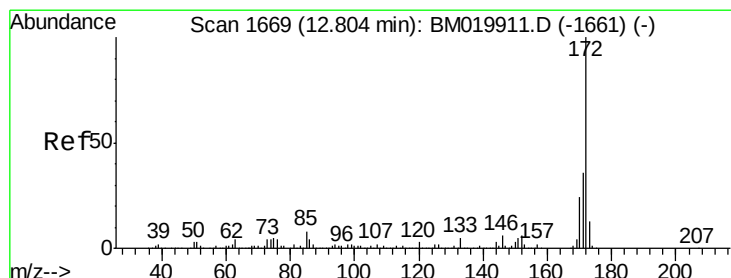
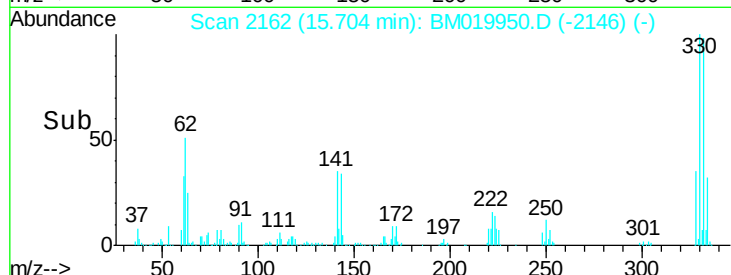
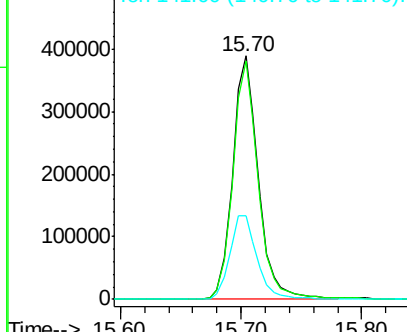
330 100

332 96.7 77.4 116.2

141 37.1 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: 79.730 ng

RT: 12.80 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

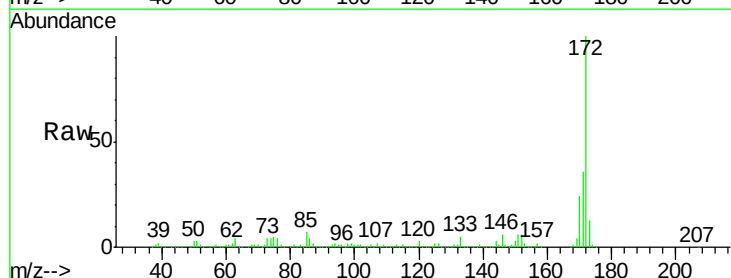
Tgt Ion:172 Resp: 2311672

Ion Ratio Lower Upper

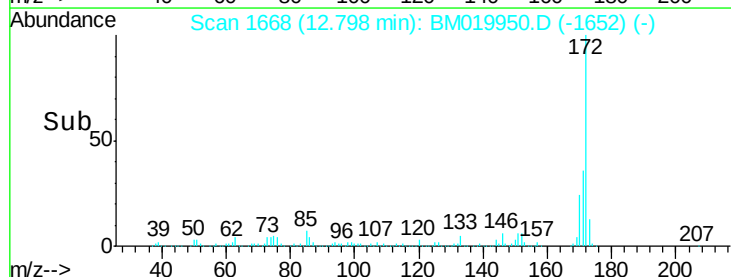
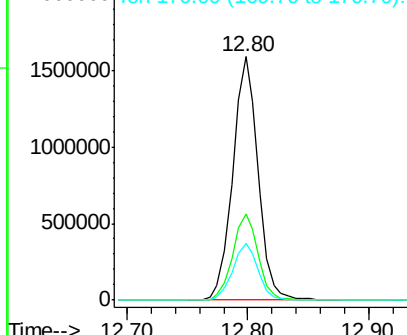
172 100

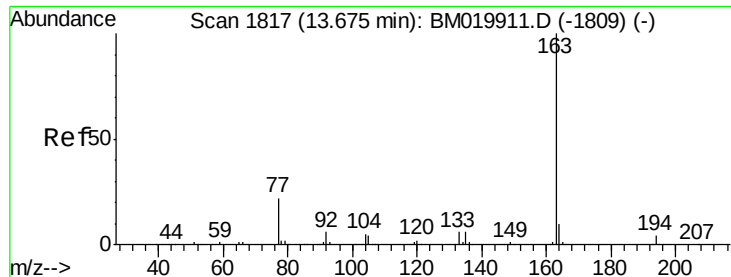
171 35.6 28.9 43.3

170 23.6 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





#50

Dimethylphthalate

Concen: 9.612 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

Instrument :

BNA_M

ClientSampleId :

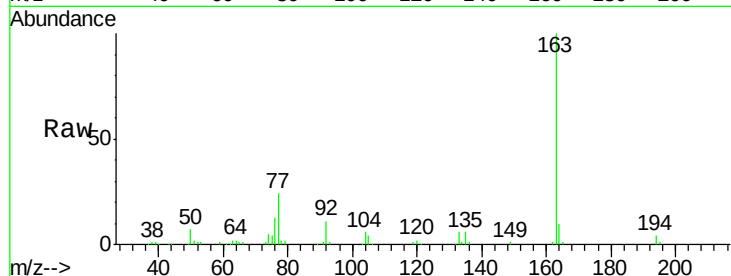
Tot Ion:163 Resp: 306342

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

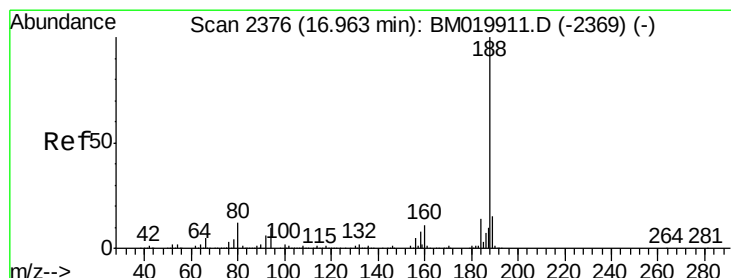
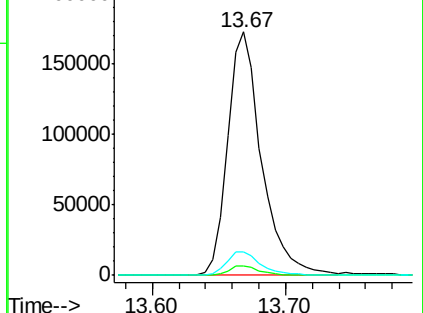
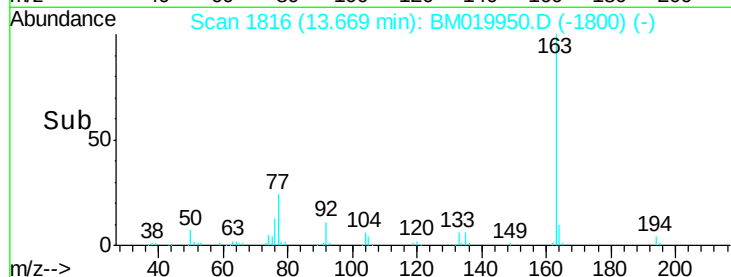
164 9.6 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BM019950.D

Acq: 17 Apr 2019 22:18

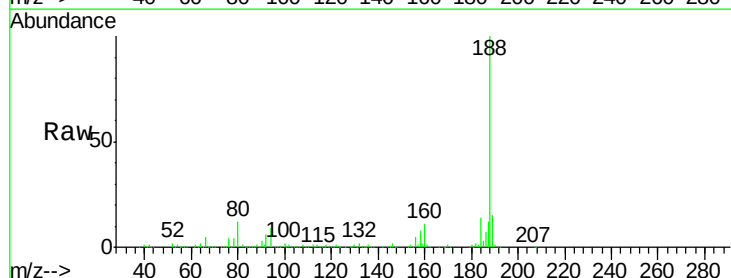
Tgt Ion:188 Resp: 663685

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

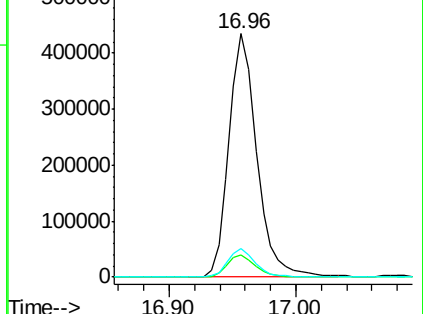
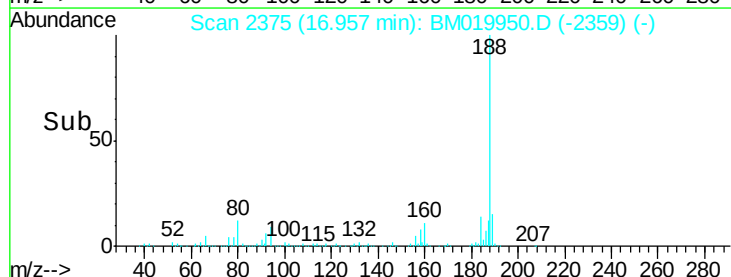
80 11.6 9.4 14.0

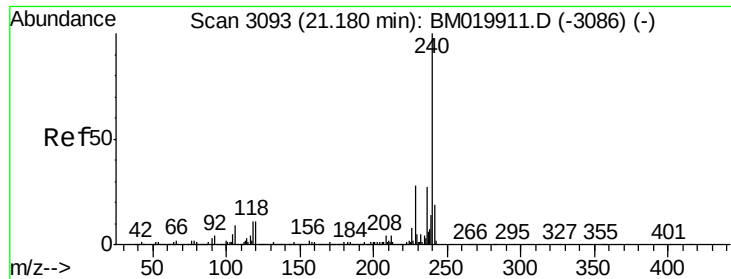


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

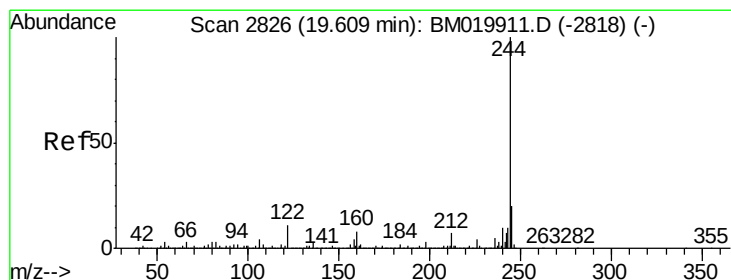
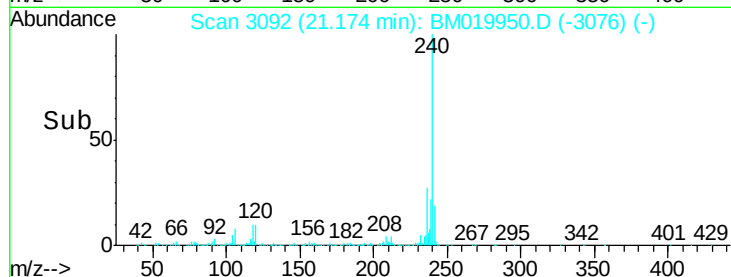
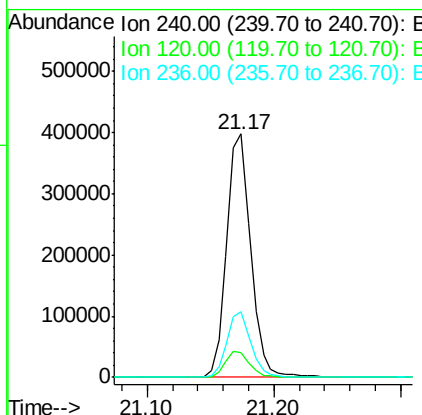
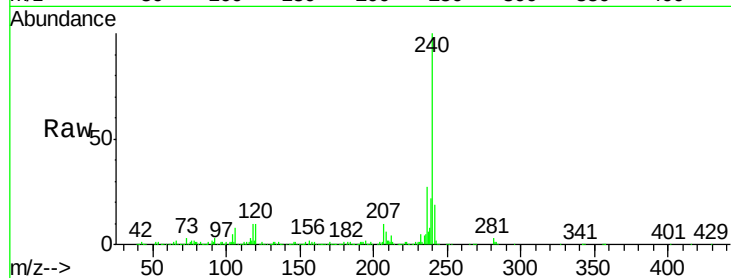




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM019950.D
 Acq: 17 Apr 2019 22:18

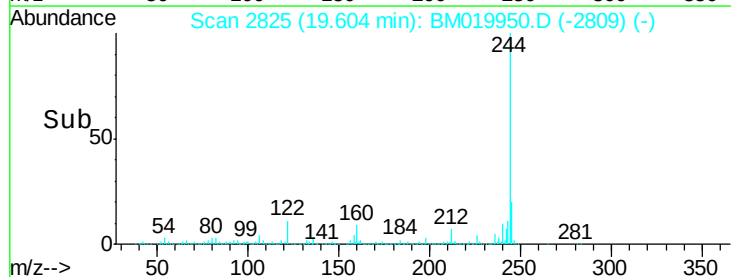
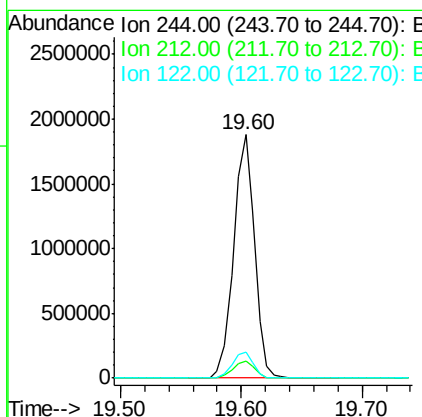
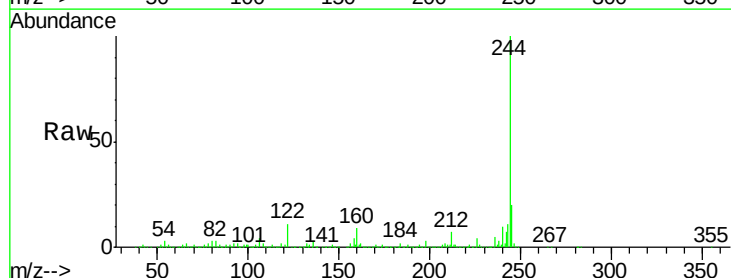
Instrument :
 BNA_M
 ClientSampled :

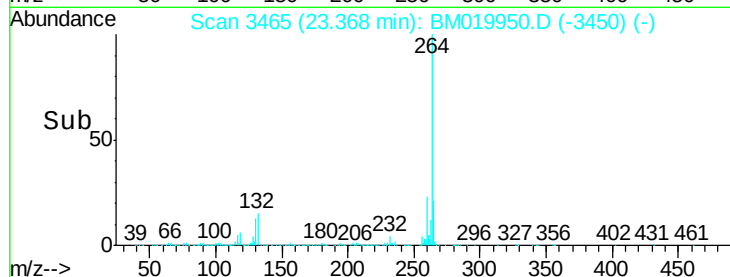
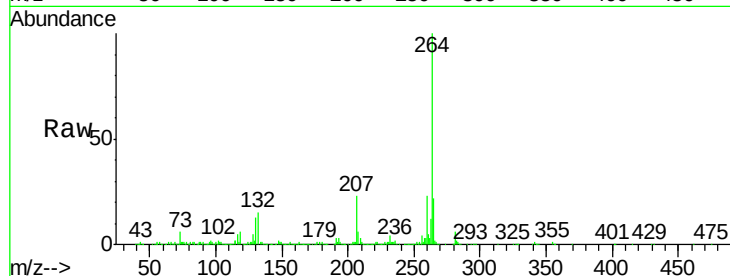
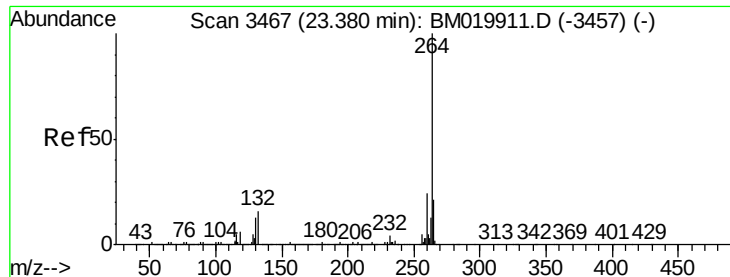
Tot Ion:240 Resp: 523976
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.6 13.0
 236 27.0 21.4 32.2



#79
 Terphenyl-d14
 Concen: 76.370 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.01 min
 Lab File: BM019950.D
 Acq: 17 Apr 2019 22:18

Tgt Ion:244 Resp: 2268717
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM019950.D
Acq: 17 Apr 2019 22:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.2	25.8

