

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019967.D
 Acq On : 18 Apr 2019 23:22
 Operator : JU/SJ
 Sample : K2461-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:43:34 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

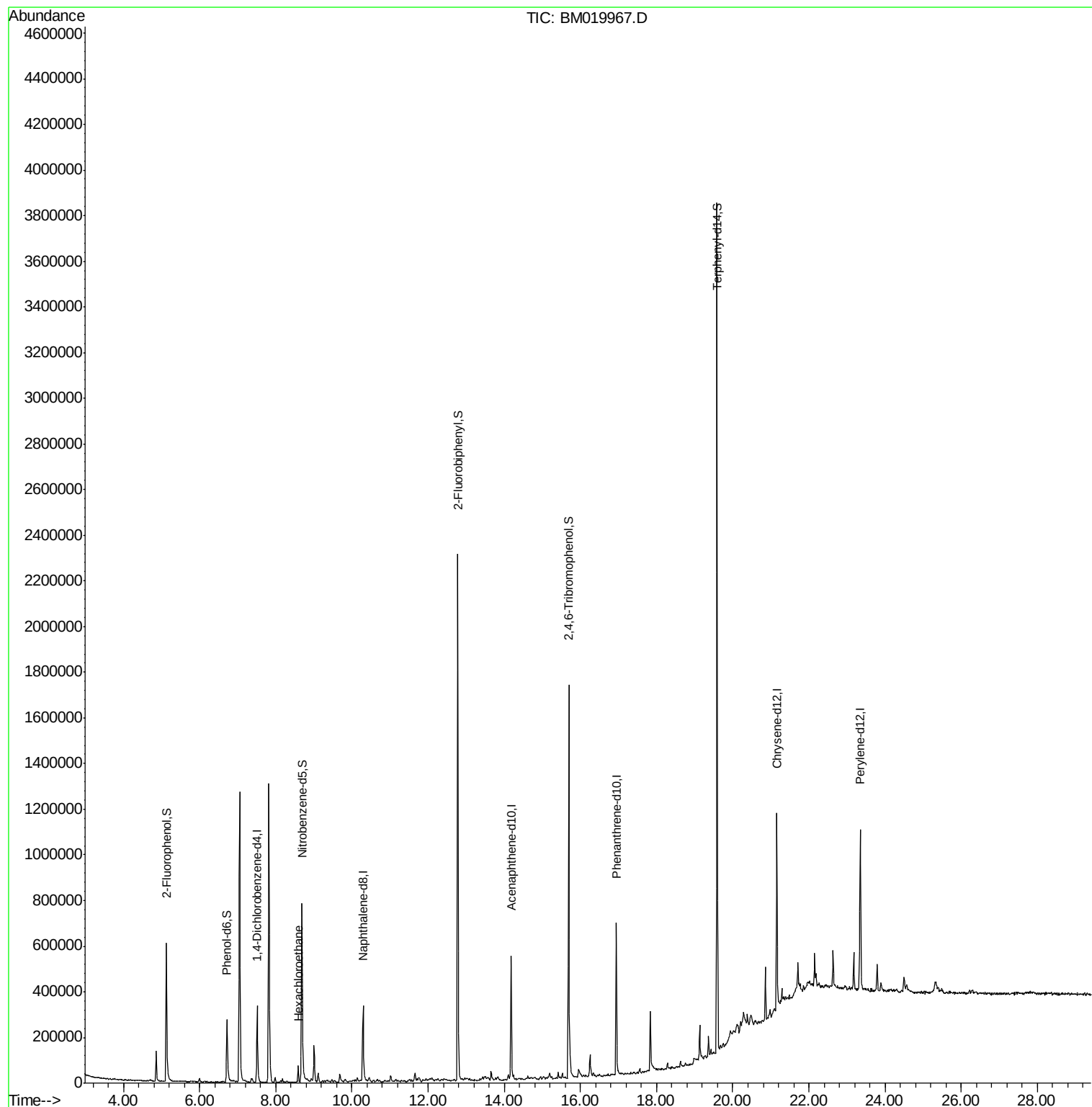
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	83387	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	296771	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	166674	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	359898	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	373506	20.00	ng	-0.02
87) Perylene-d12	23.35	264	489445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	276005	53.64	ng	-0.02
7) Phenol-d6	6.72	99	203382	26.26	ng	-0.01
23) Nitrobenzene-d5	8.69	82	565450	85.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	318529	118.72	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1115484	83.41	ng	-0.02
79) Terphenyl-d14	19.59	244	1629537	76.95	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	120	Below Cal	Qvalue #	7
18) Hexachloroethane	8.59	117	9498	3.585 ng	#	1

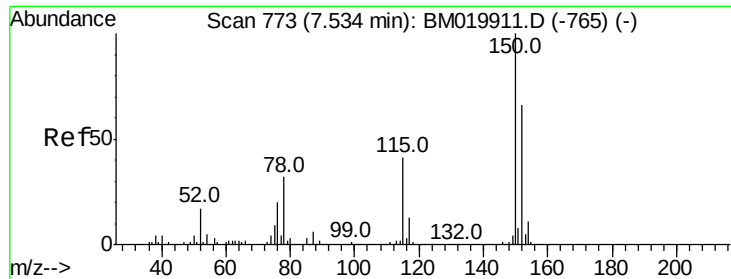
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019967.D
Acq On : 18 Apr 2019 23:22
Operator : JU/SJ
Sample : K2461-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 19 00:43:34 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



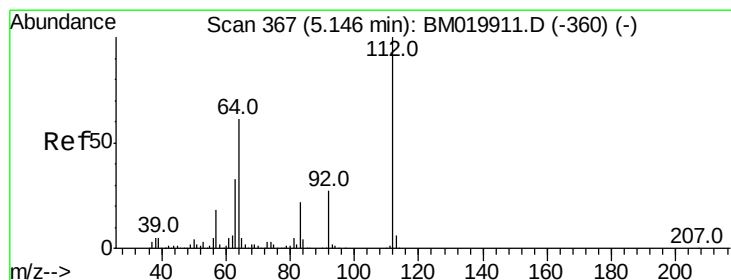
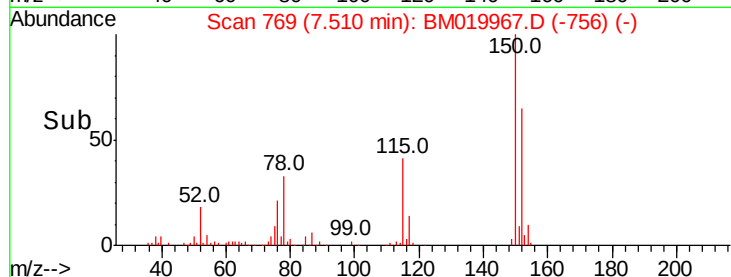
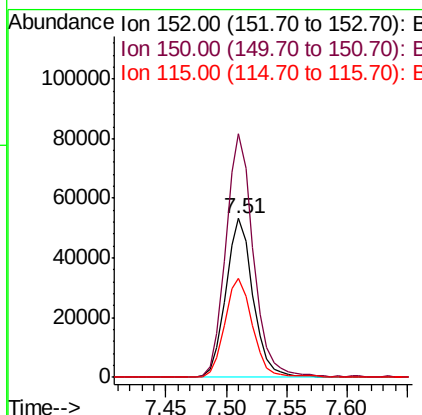
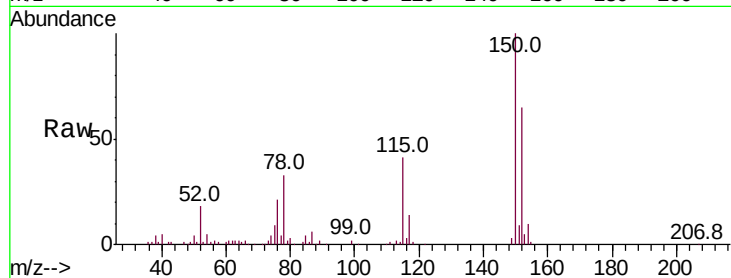


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :

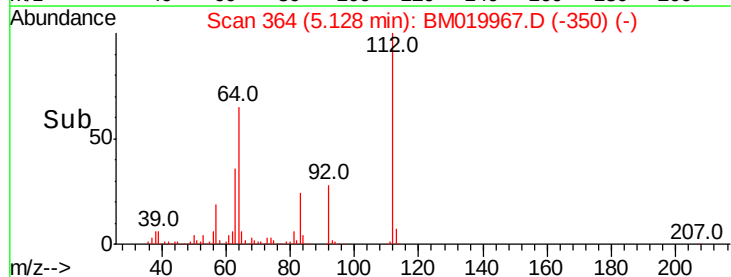
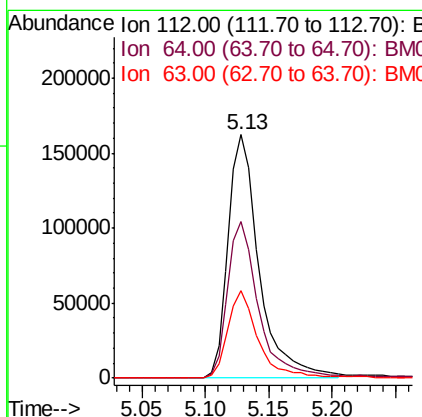
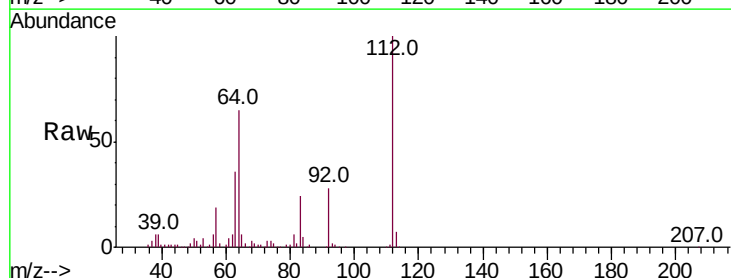
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.1	183.1
115	62.5	50.0	75.0

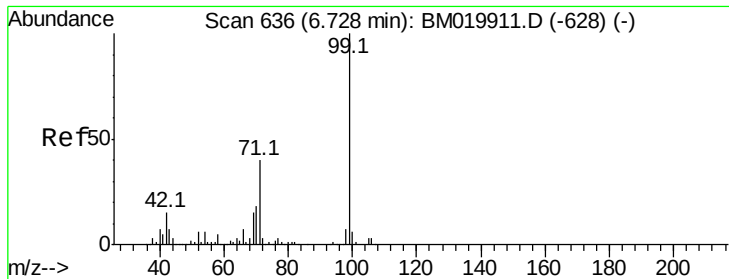


#5

2-Fluorophenol
Concen: 53.642 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.1	73.7
63	35.8	26.5	39.7





#7

Phenol-d6

Concen: 26.265 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Instrument :

BNA_M

ClientSampleId :

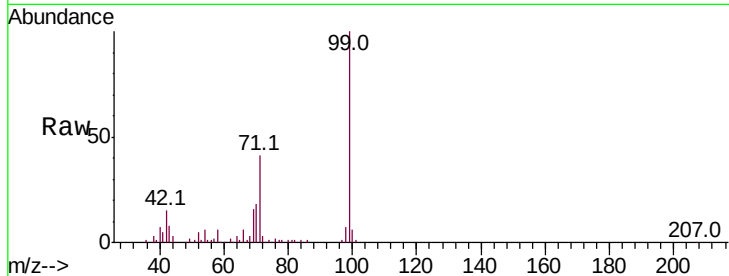
Tot Ion: 99 Resp: 203382

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

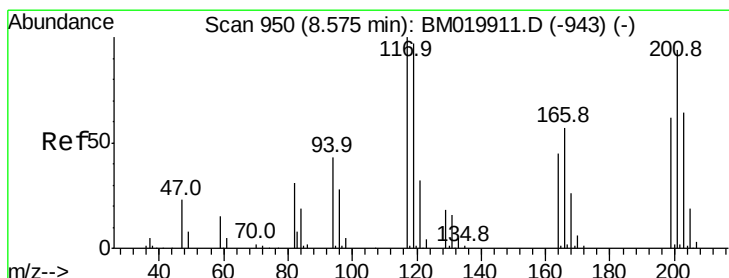
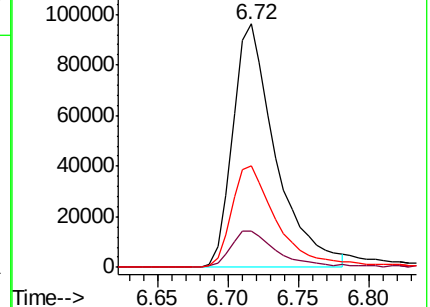
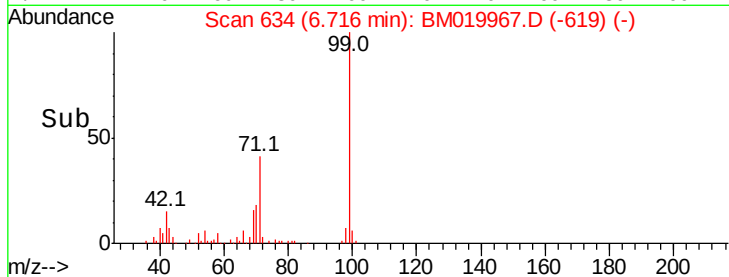
71 41.5 32.0 48.0



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) (-)



#18

Hexachloroethane

Concen: 3.585 ng

RT: 8.59 min Scan# 953

Delta R.T. 0.02 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

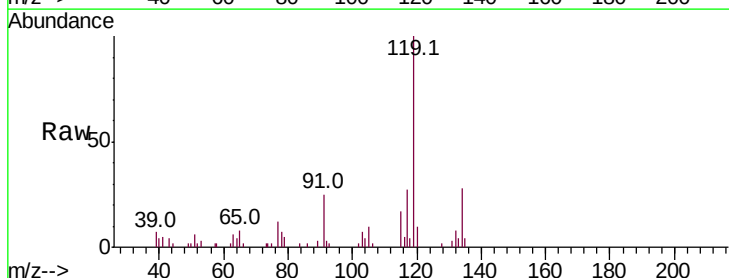
Tgt Ion: 117 Resp: 9498

Ion Ratio Lower Upper

117 100

119 367.9 77.6 116.4#

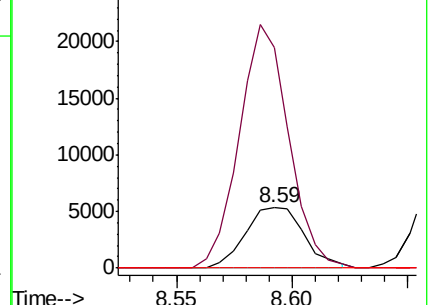
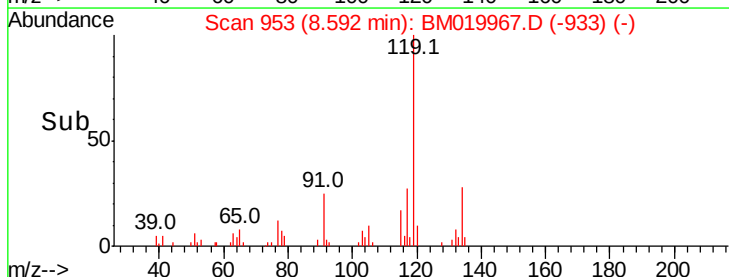
201 0.0 75.4 113.2#

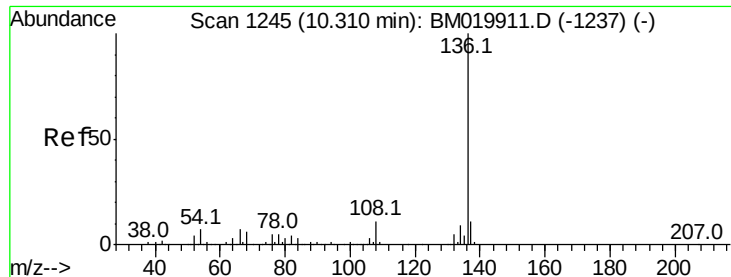


Abundance Ion 117.00 (116.70 to 117.70): BM019911.D (-943) (-)

Ion 119.00 (118.70 to 119.70): BM019911.D (-943) (-)

Ion 201.00 (200.70 to 201.70): BM019911.D (-943) (-)

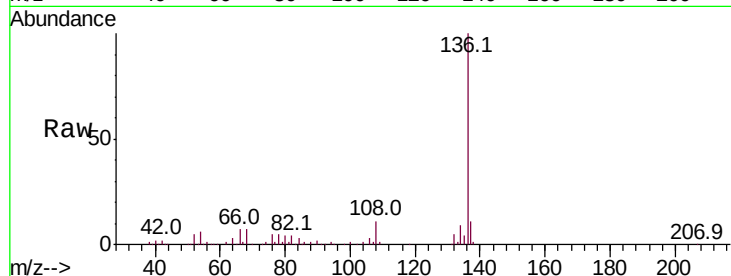




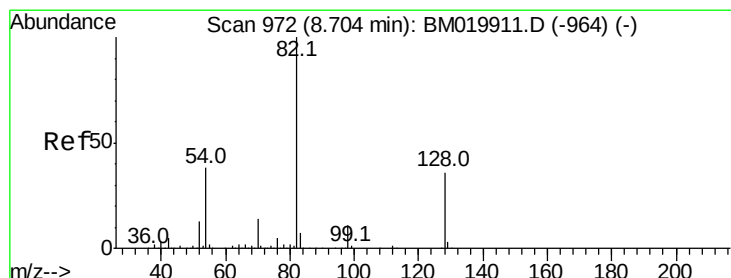
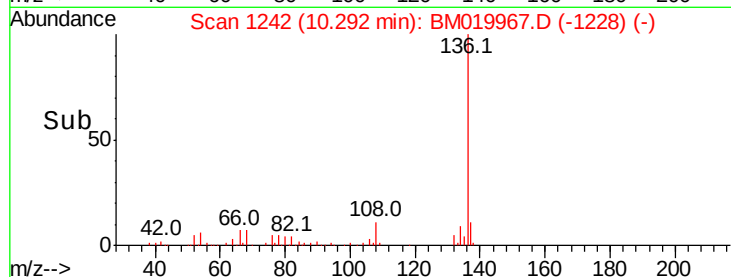
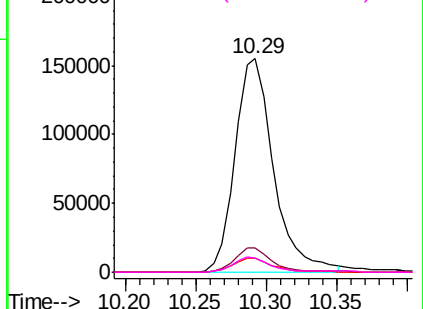
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	296771	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.0	13.6	
54 6.4	5.3	7.9	
68 6.8	5.2	7.8	

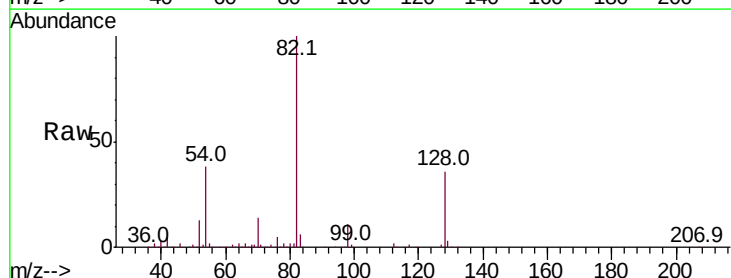


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

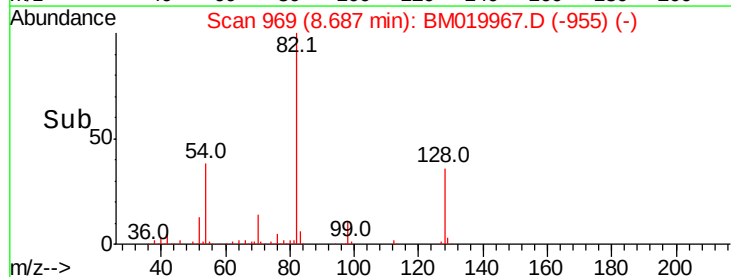
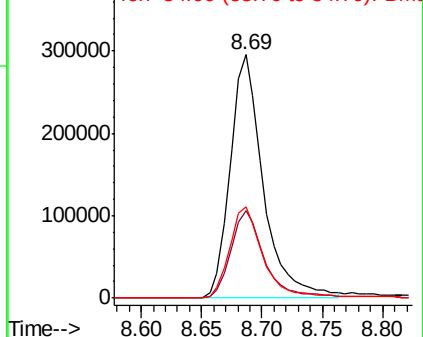


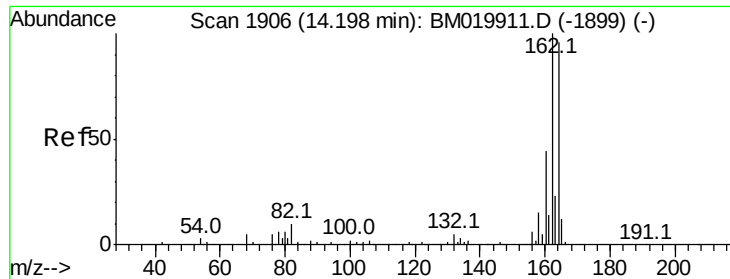
#23
Nitrobenzene-d5
Concen: 85.209 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019967.D
Acq: 18 Apr 2019 23:22

Tgt Ion	82	Resp: Lower	565450 Upper
	Ratio 100		
128	36.1	29.0	43.4
54	37.5	30.2	45.4



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

Instrument :

BNA_M

ClientSampleId :

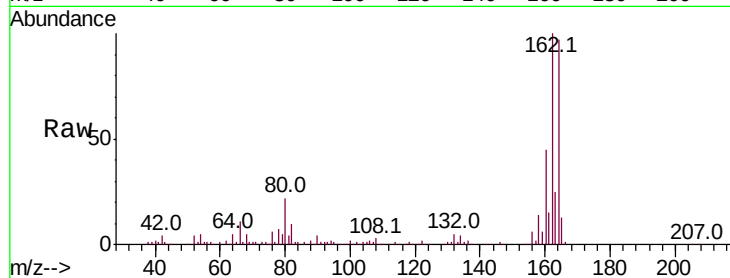
Tot Ion:164 Resp: 166674

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

160 46.2 36.6 55.0

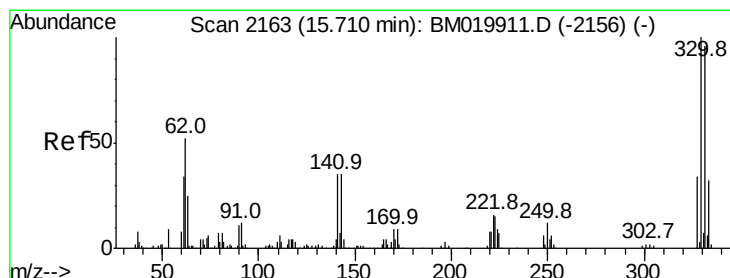
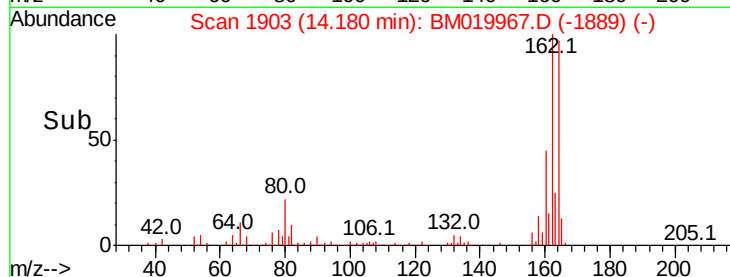
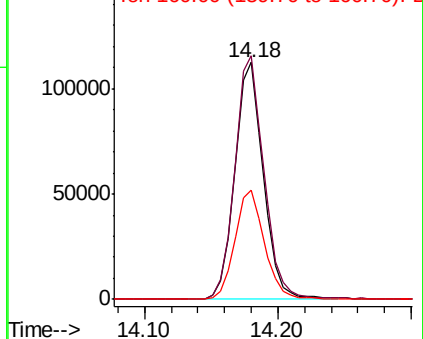


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 118.722 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BM019967.D

Acq: 18 Apr 2019 23:22

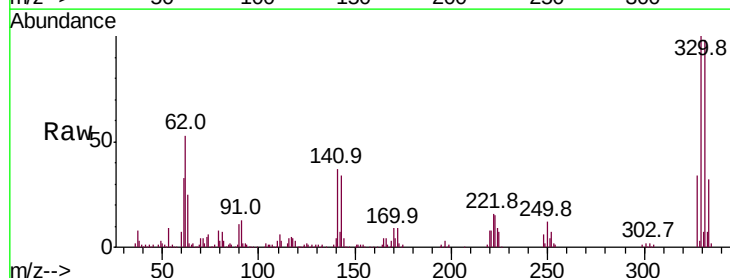
Tgt Ion:330 Resp: 318529

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

141 38.6 29.0 43.4

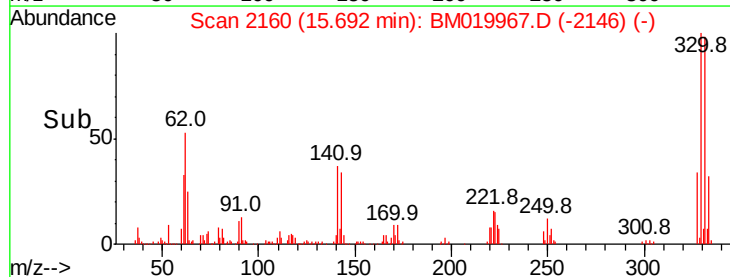
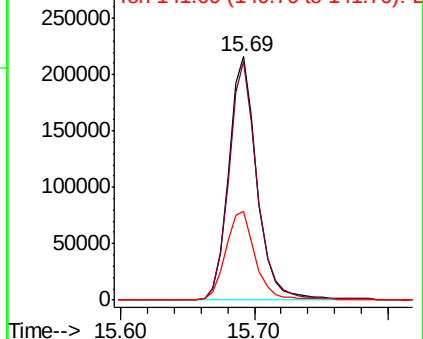


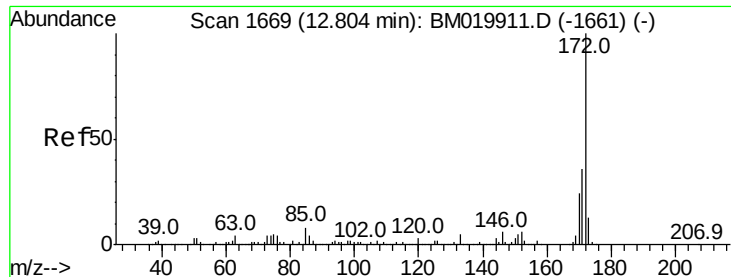
Abundance

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



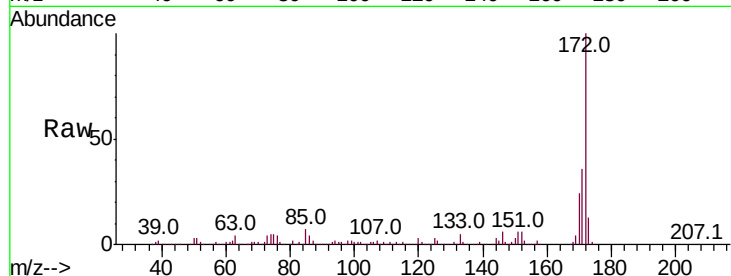


#45
 2-Fluorobiphenyl
 Concen: 83.405 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

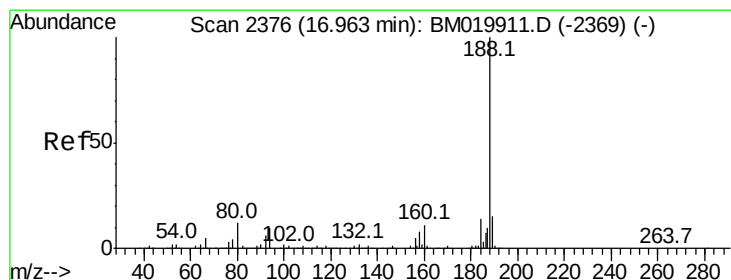
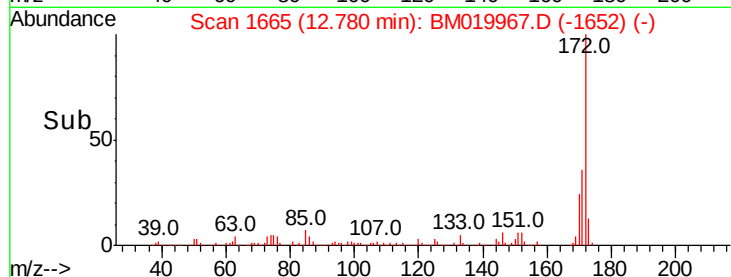
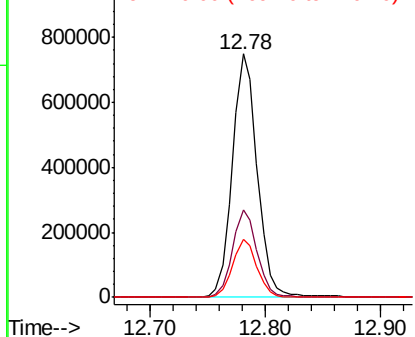
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1115484

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.7	19.0	28.4



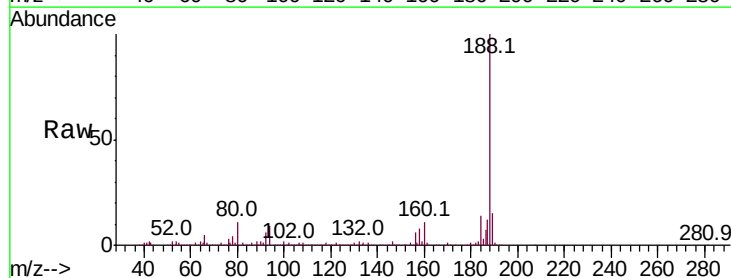
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



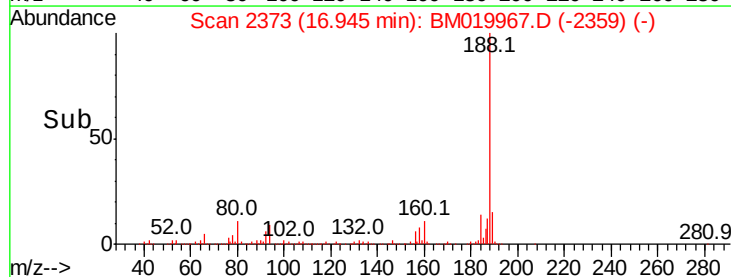
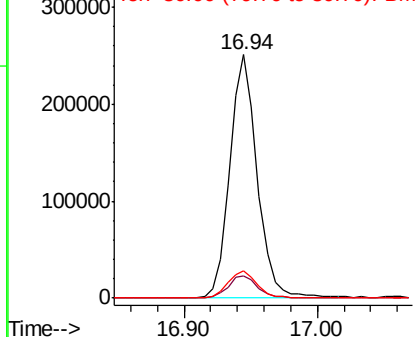
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.94 min Scan# 2373
 Delta R.T. -0.02 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

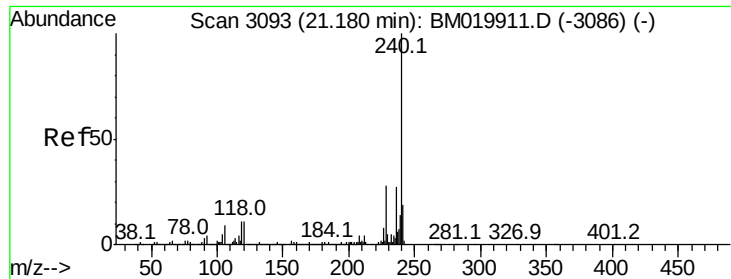
Tgt Ion:188 Resp: 359898

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	11.4	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

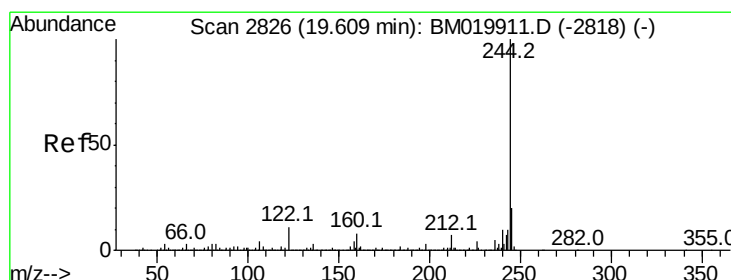
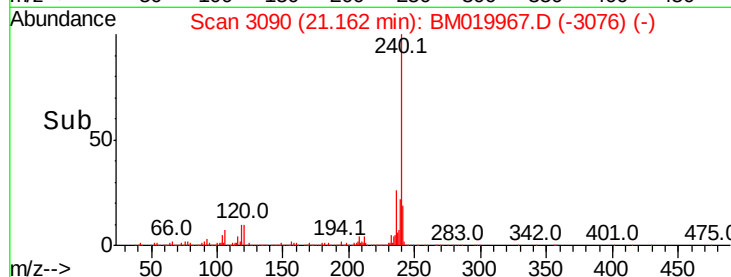
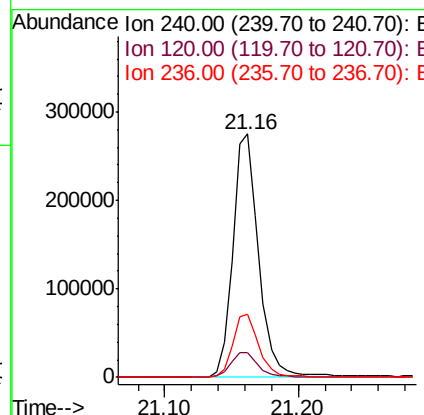
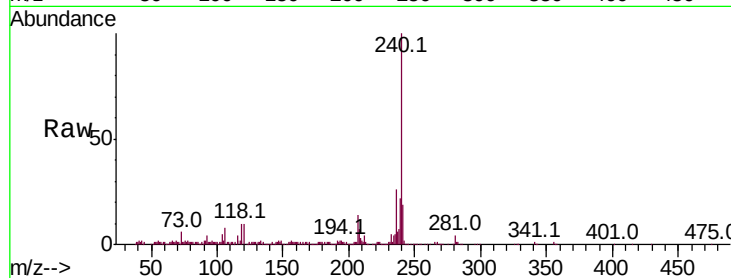




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

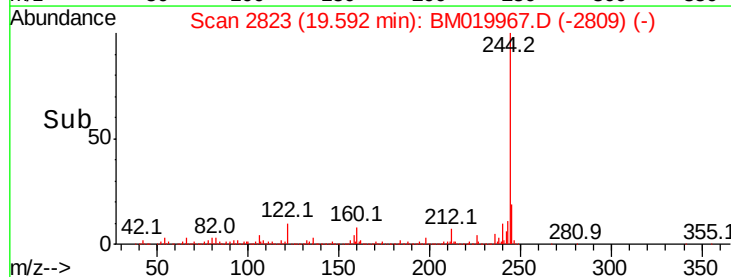
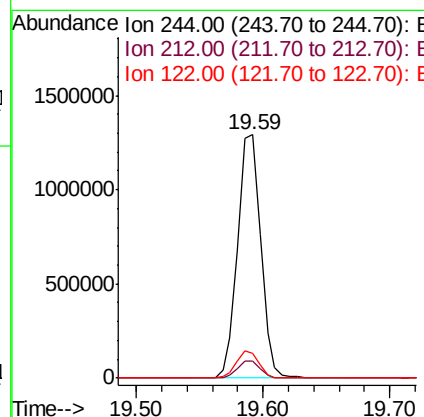
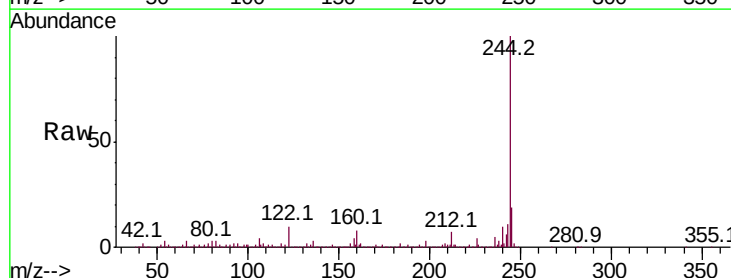
Instrument :
 BNA_M
 ClientSampleId :

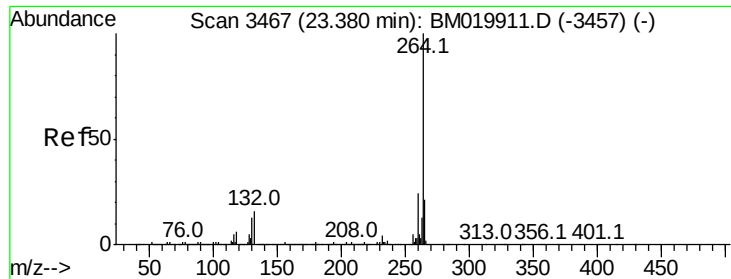
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	25.8	21.4	32.2



#79
 Terphenyl-d14
 Concen: 76.952 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.3	9.1	13.7

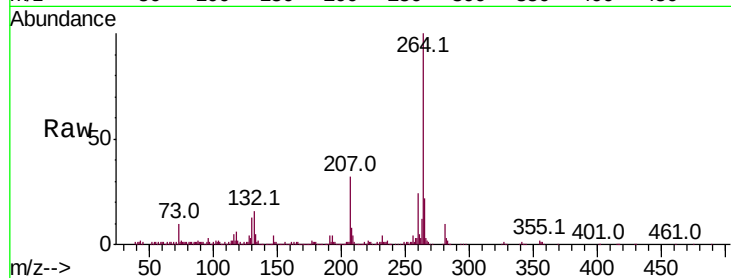




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.03 min
 Lab File: BM019967.D
 Acq: 18 Apr 2019 23:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	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

