

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019964.D
 Acq On : 18 Apr 2019 21:33
 Operator : JU/SJ
 Sample : K2461-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:43:12 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

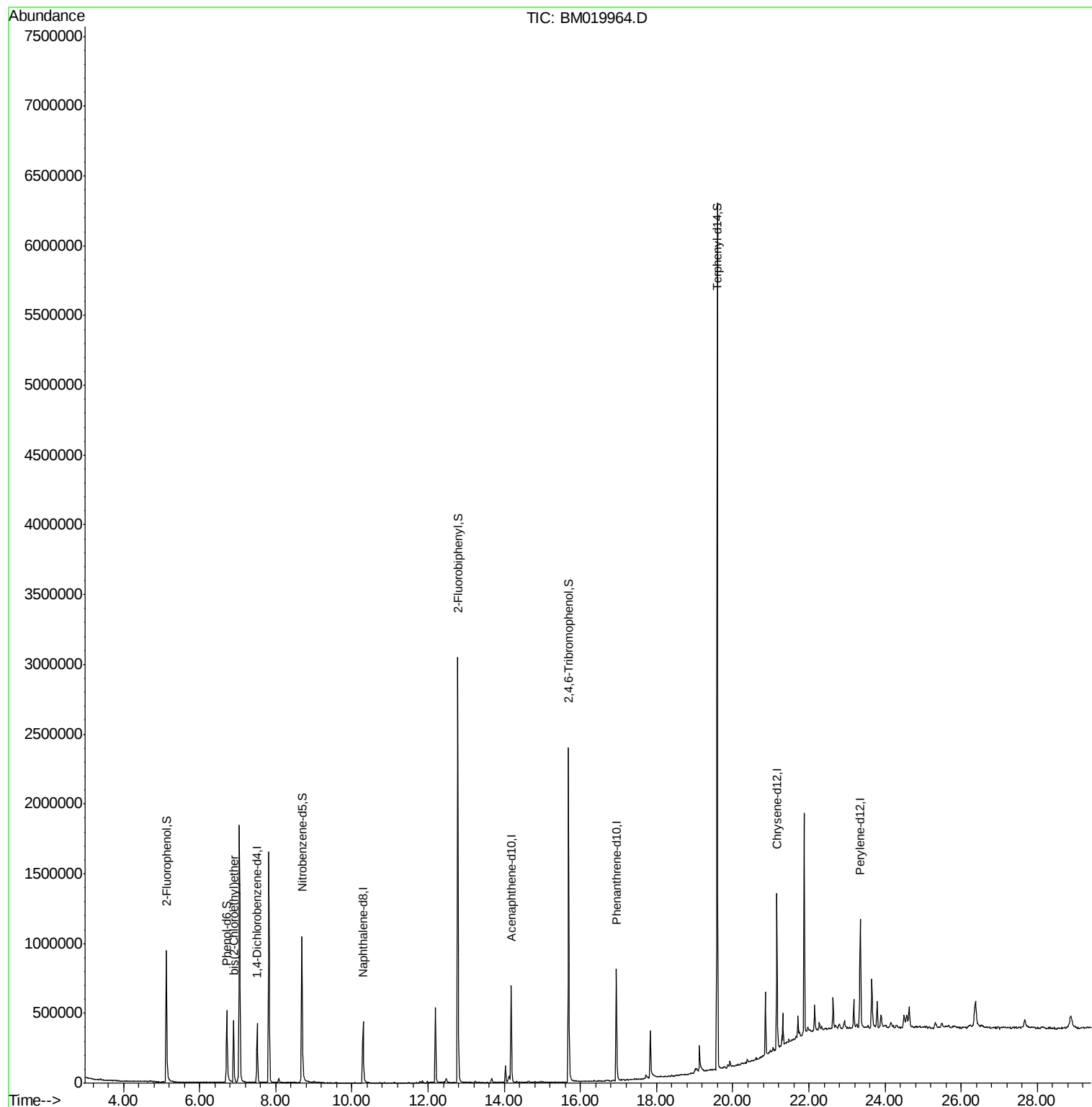
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106204	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	389060	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	221960	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	478796	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	477220	20.00	ng	-0.02
87) Perylene-d12	23.35	264	586406	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	427890	65.30	ng	-0.02
7) Phenol-d6	6.71	99	349893	35.48	ng	-0.02
23) Nitrobenzene-d5	8.69	82	750911	86.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	466123	130.46	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1549838	87.02	ng	-0.02
79) Terphenyl-d14	19.59	244	2524277	93.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.70	77	846	Below Cal	#	7
11) bis(2-Chloroethyl)ether	6.89	93	23478	2.978 ng	#	31

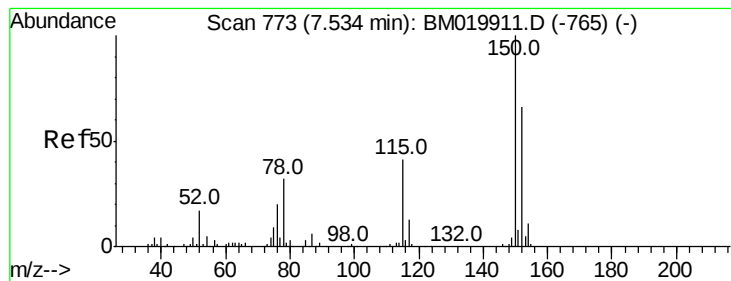
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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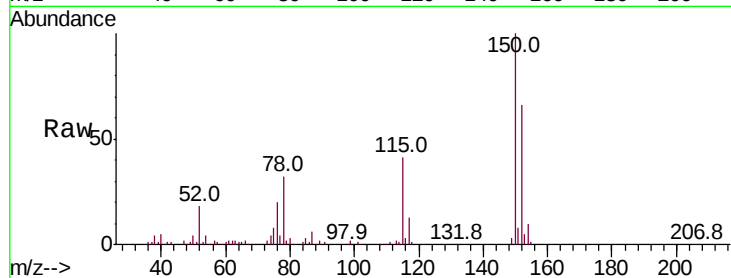


#1

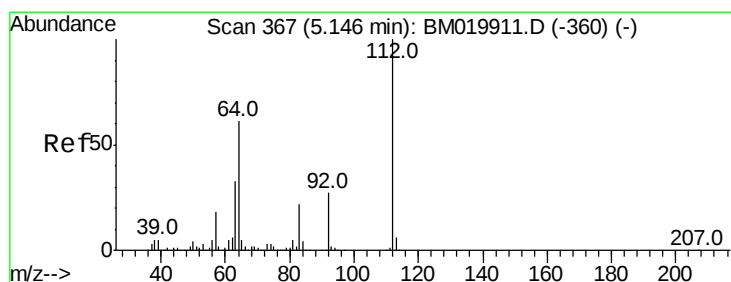
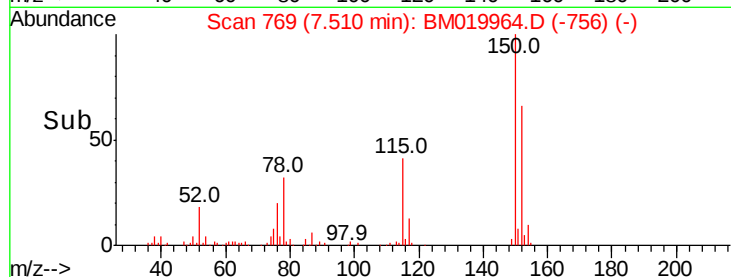
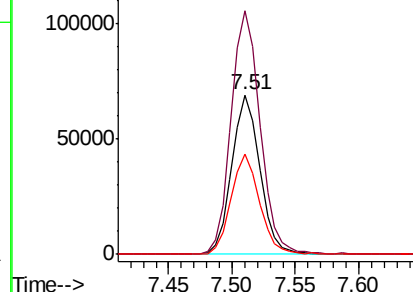
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.1	183.1
115	63.1	50.0	75.0



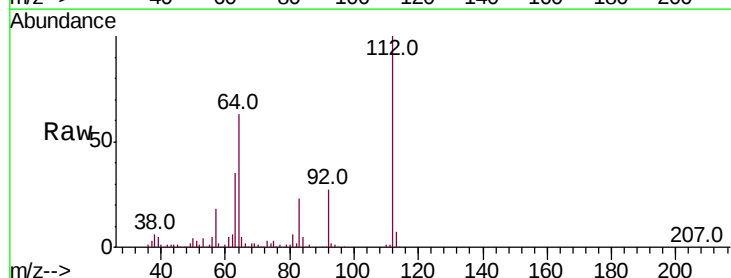
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



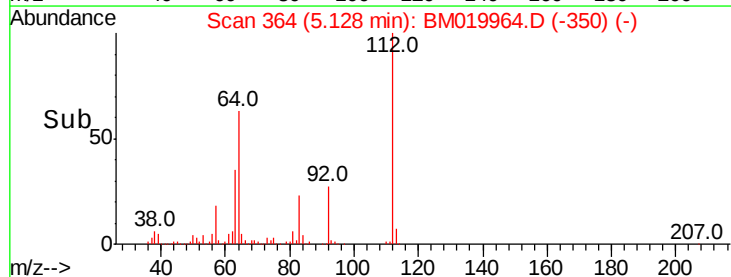
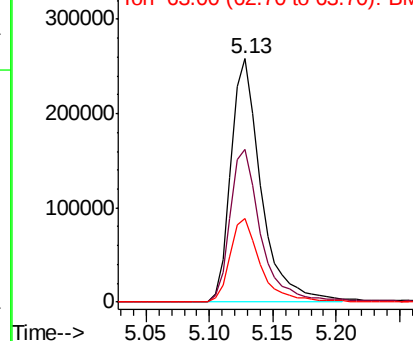
#5

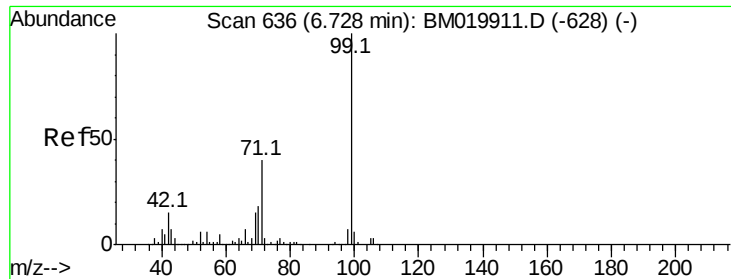
2-Fluorophenol
Concen: 65.295 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.1	73.7
63	34.6	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: 35.477 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.02 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Instrument :

BNA_M

ClientSampled :

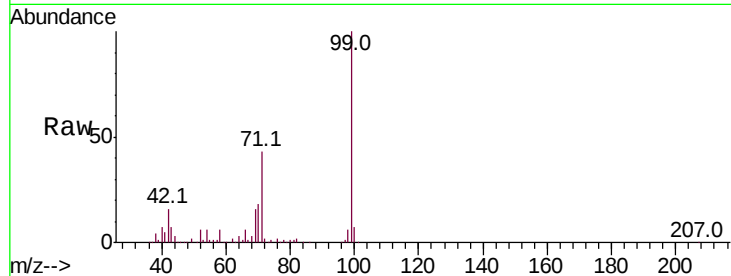
Tot Ion: 99 Resp: 349893

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

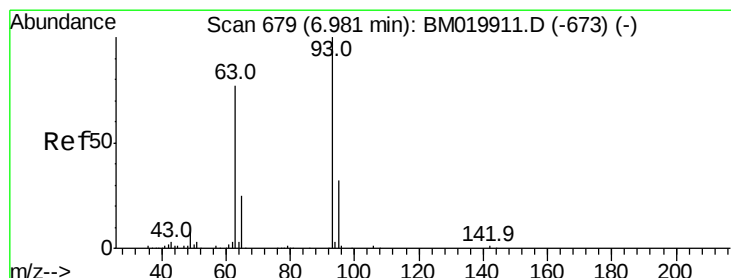
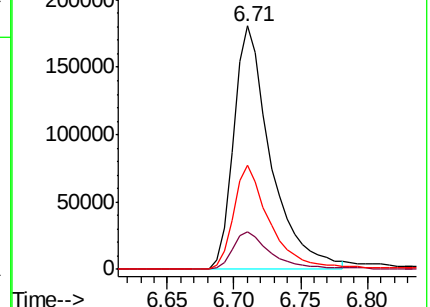
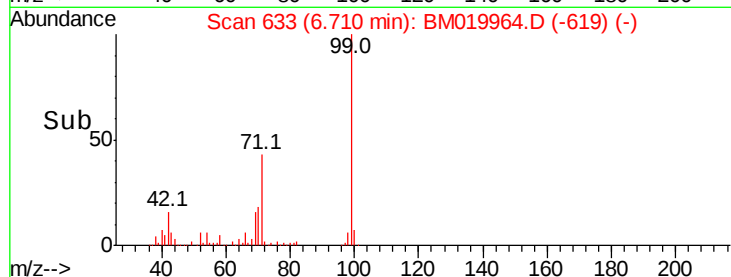
71 42.6 32.0 48.0



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) (-)



#11

bis(2-Chloroethyl)ether

Concen: 2.978 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.09 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

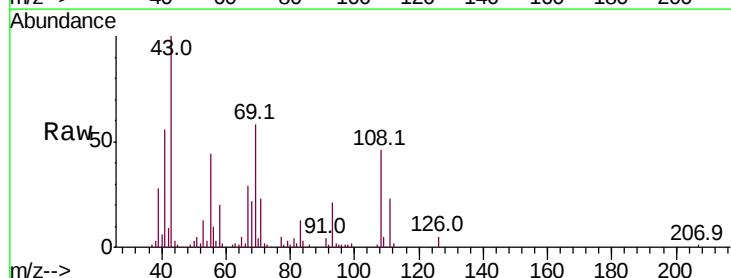
Tgt Ion: 93 Resp: 23478

Ion Ratio Lower Upper

93 100

63 9.9 55.8 95.8#

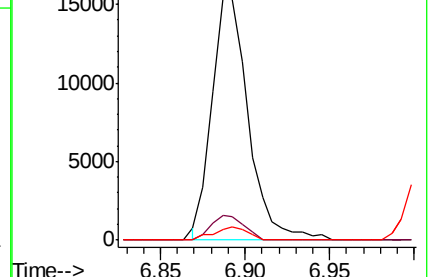
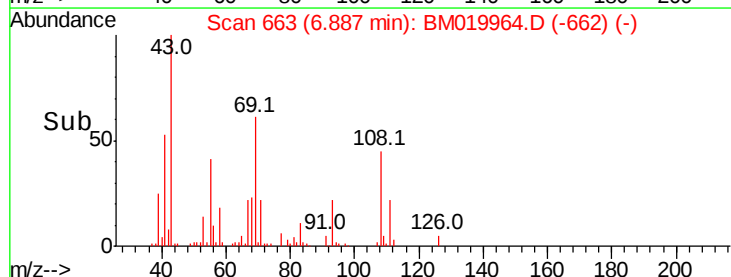
95 4.4 11.6 51.6#

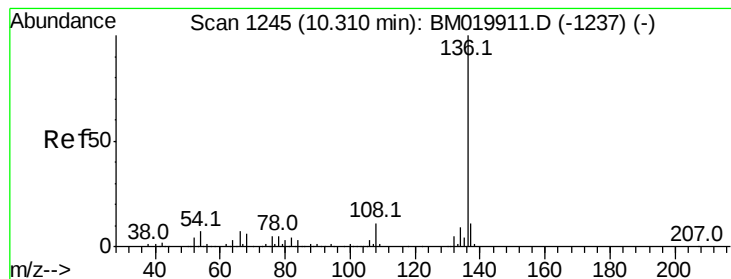


Abundance Ion 93.00 (92.70 to 93.70): BM019911.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019911.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-673) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 389060

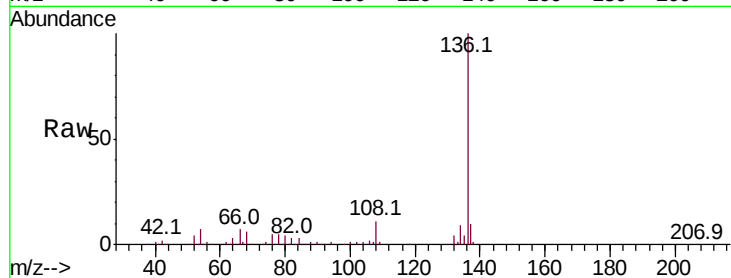
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 6.9 5.3 7.9

68 6.4 5.2 7.8

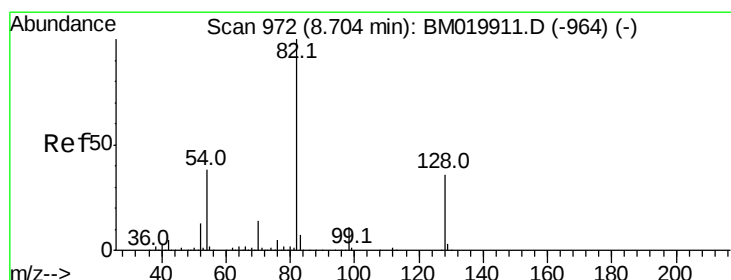
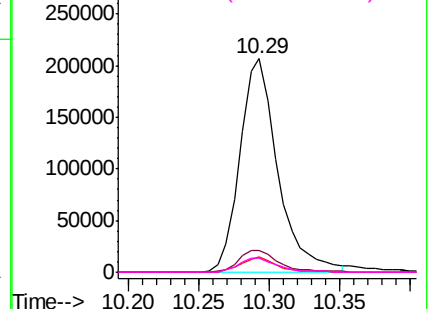
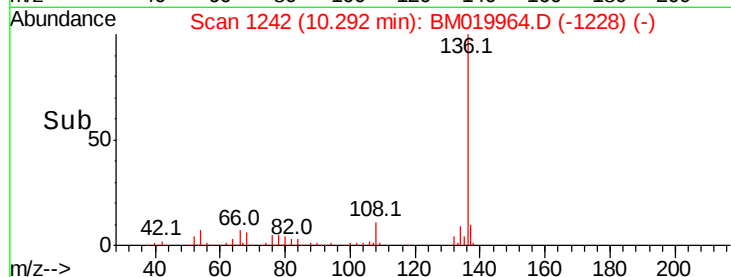


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.315 ng

RT: 8.69 min Scan# 969

Delta R.T. -0.02 min

Lab File: BM019964.D

Acq: 18 Apr 2019 21:33

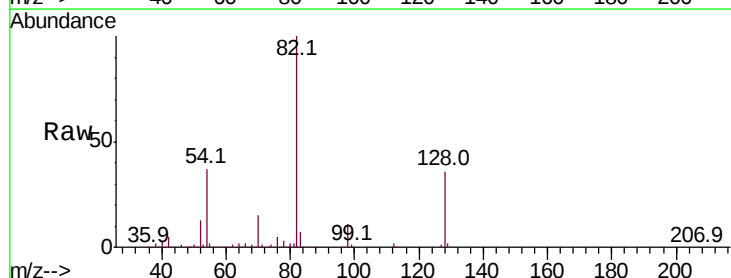
Tgt Ion: 82 Resp: 750911

Ion Ratio Lower Upper

82 100

128 35.8 29.0 43.4

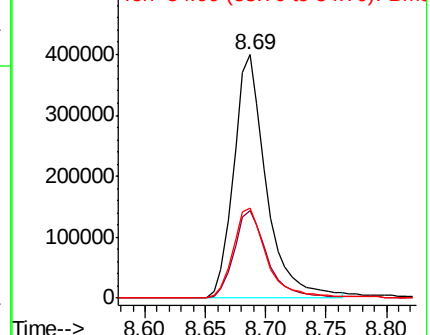
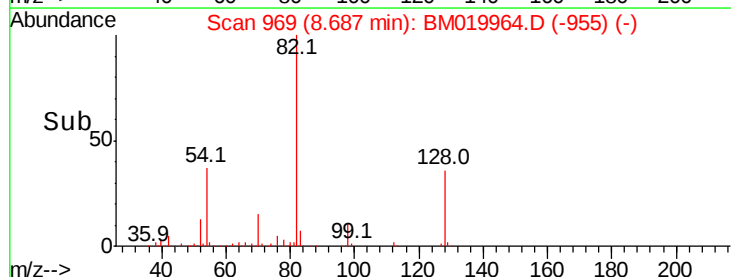
54 37.2 30.2 45.4

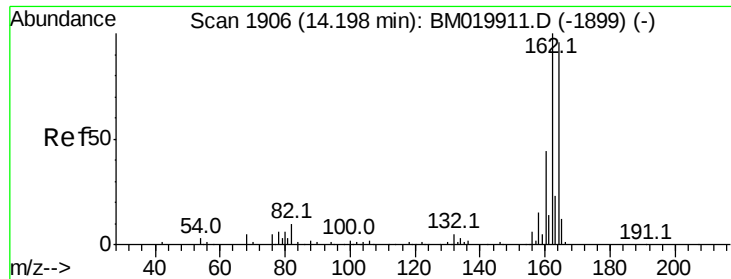


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

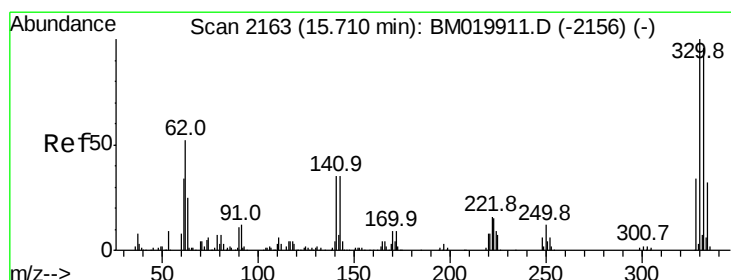
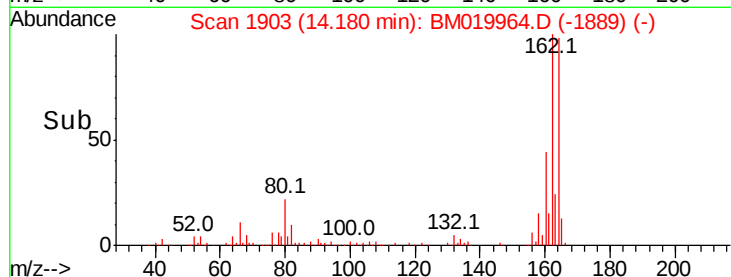
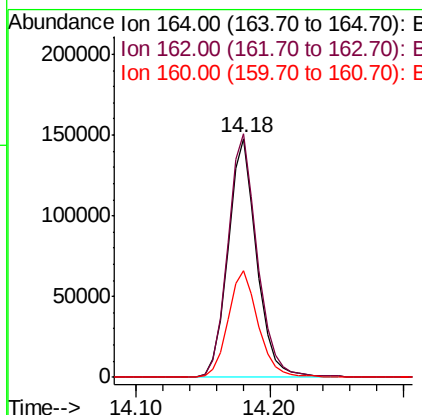
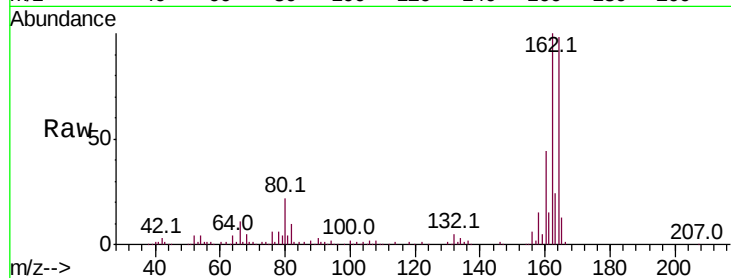




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

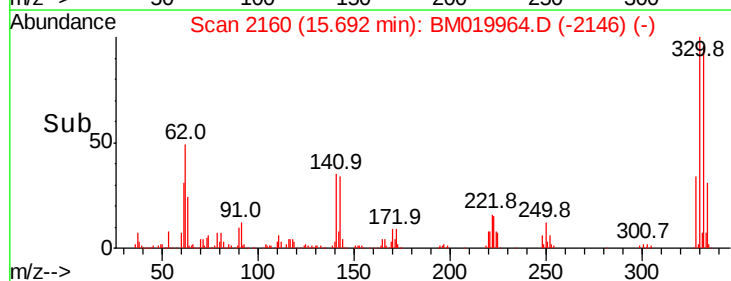
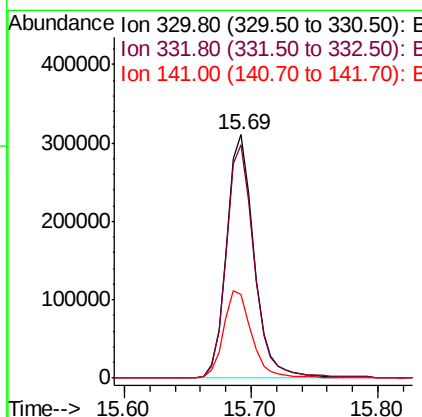
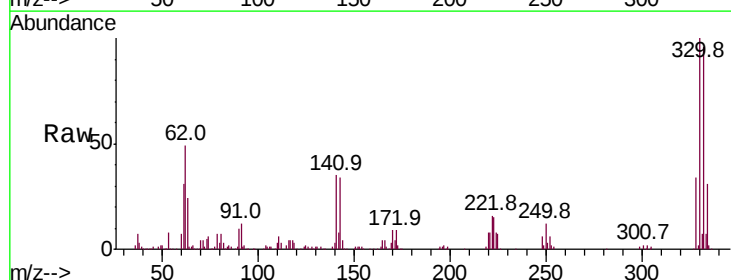
Instrument :
BNA_M
ClientSampleId :

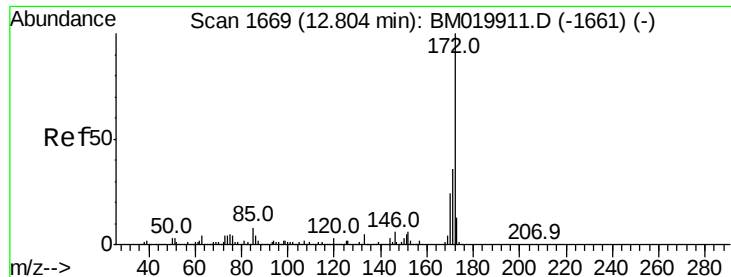
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	44.8	36.6	55.0



#42
2,4,6-Tribromophenol
Concen: 130.459 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	37.1	29.0	43.4

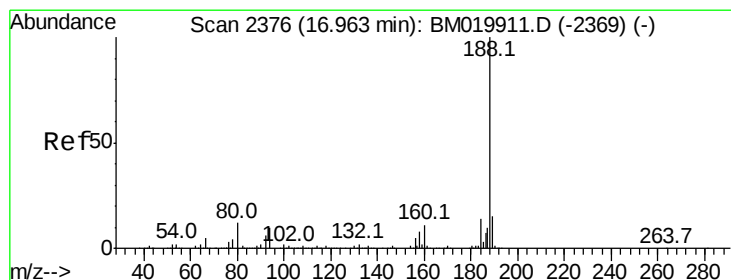
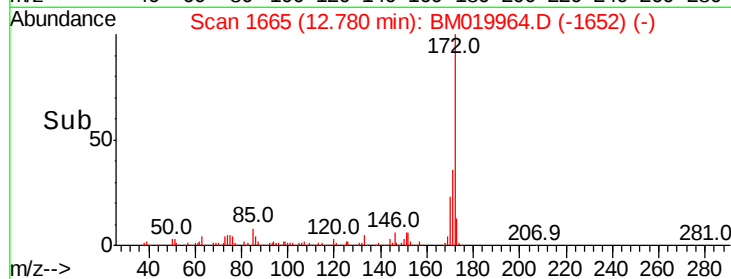
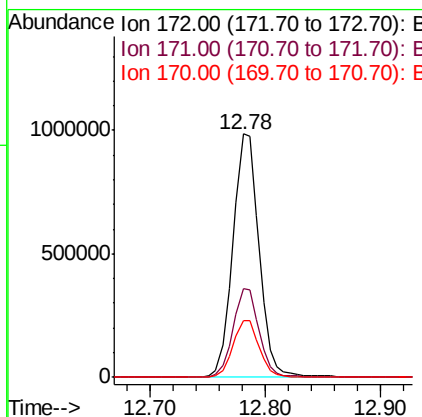
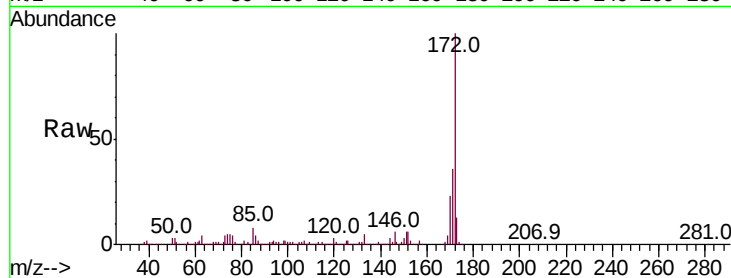




#45
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

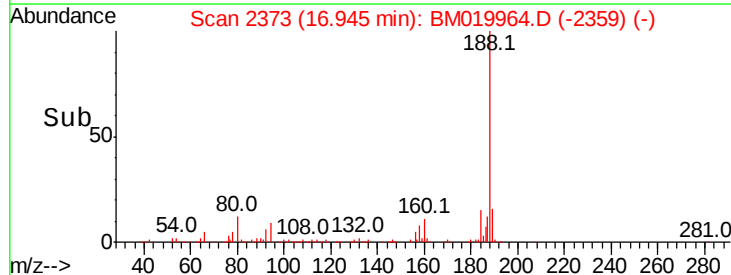
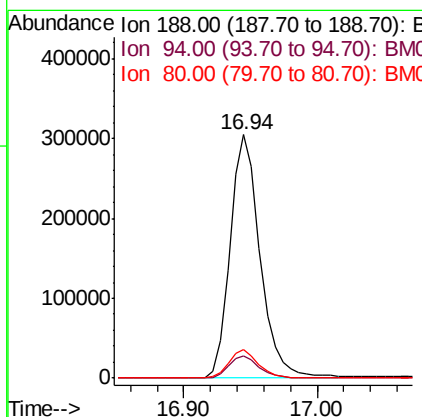
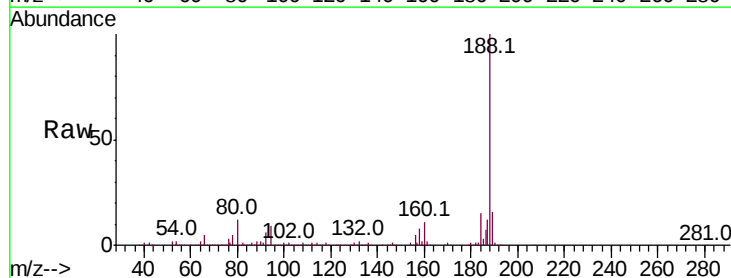
Instrument :
BNA_M
ClientSampleId :

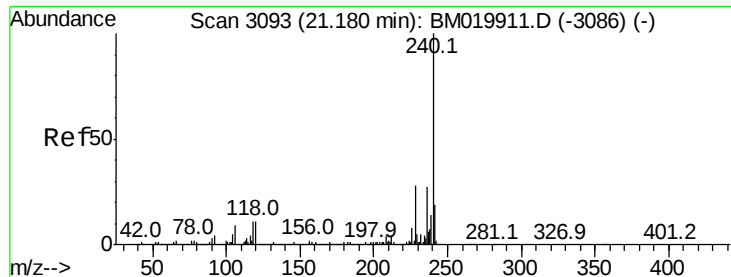
Tot Ion:172 Resp: 1549838
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Tgt Ion:188 Resp: 478796
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 11.8 9.4 14.0

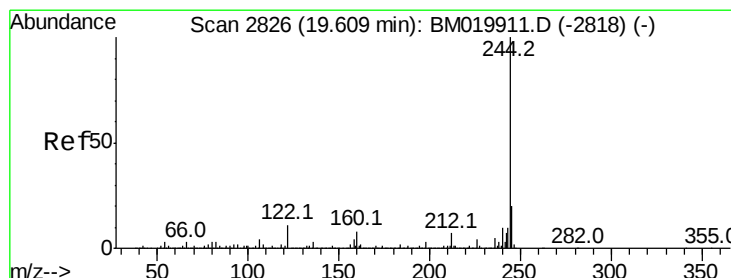
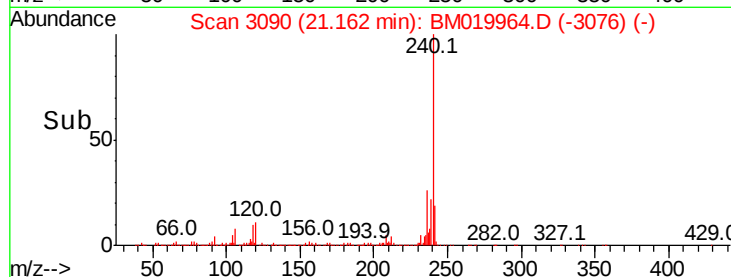
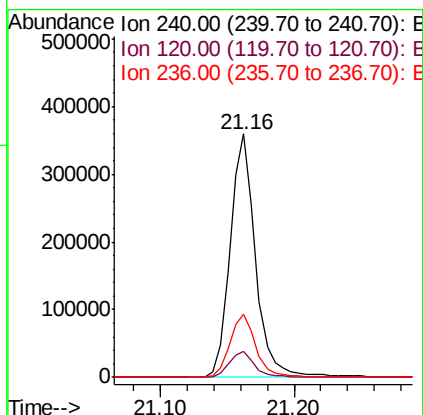
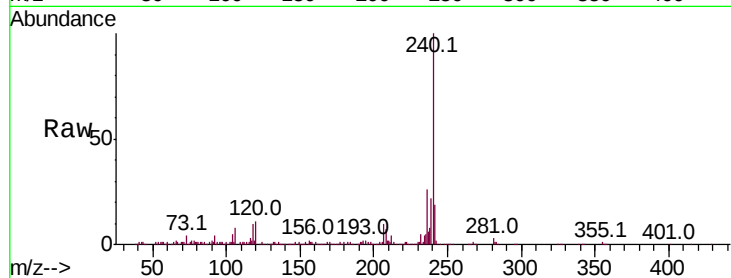




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM019964.D
 Acq: 18 Apr 2019 21:33

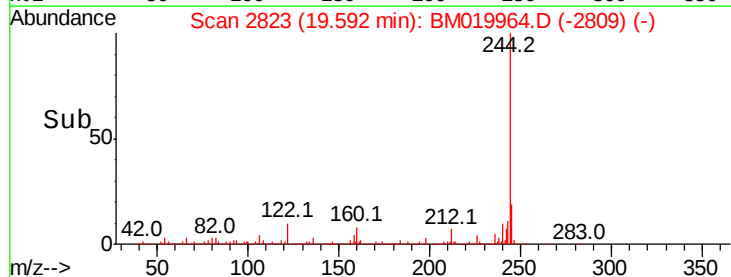
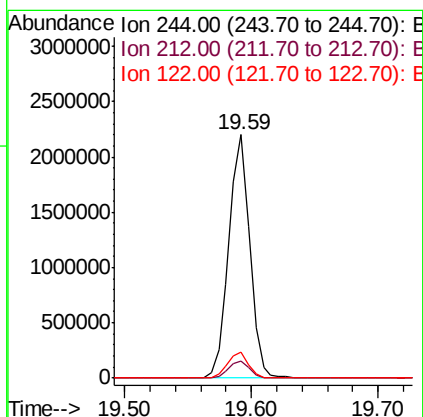
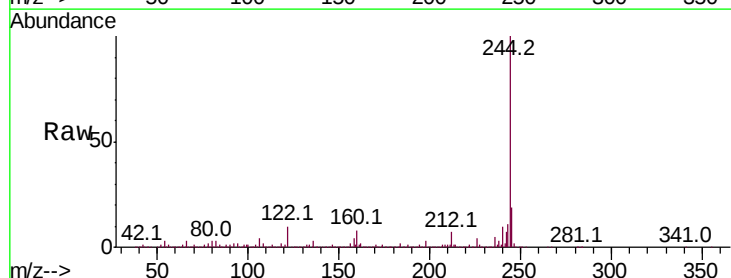
Instrument :
 BNA_M
 ClientSampled :

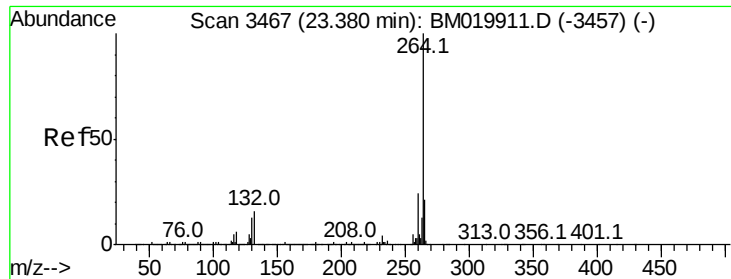
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	13.0
236	26.1	21.4	32.2



#79
 Terphenyl-d14
 Concen: 93.298 ng
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM019964.D
 Acq: 18 Apr 2019 21:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.5	9.1	13.7

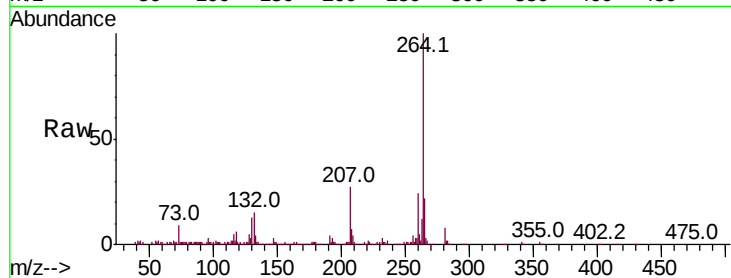




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BM019964.D
Acq: 18 Apr 2019 21:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	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

