

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113056.D
 Acq On : 14 Mar 2019 18:14
 Operator : JU/SJ
 Sample : K1899-01DL2 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL2

Quant Time: Mar 15 07:44:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

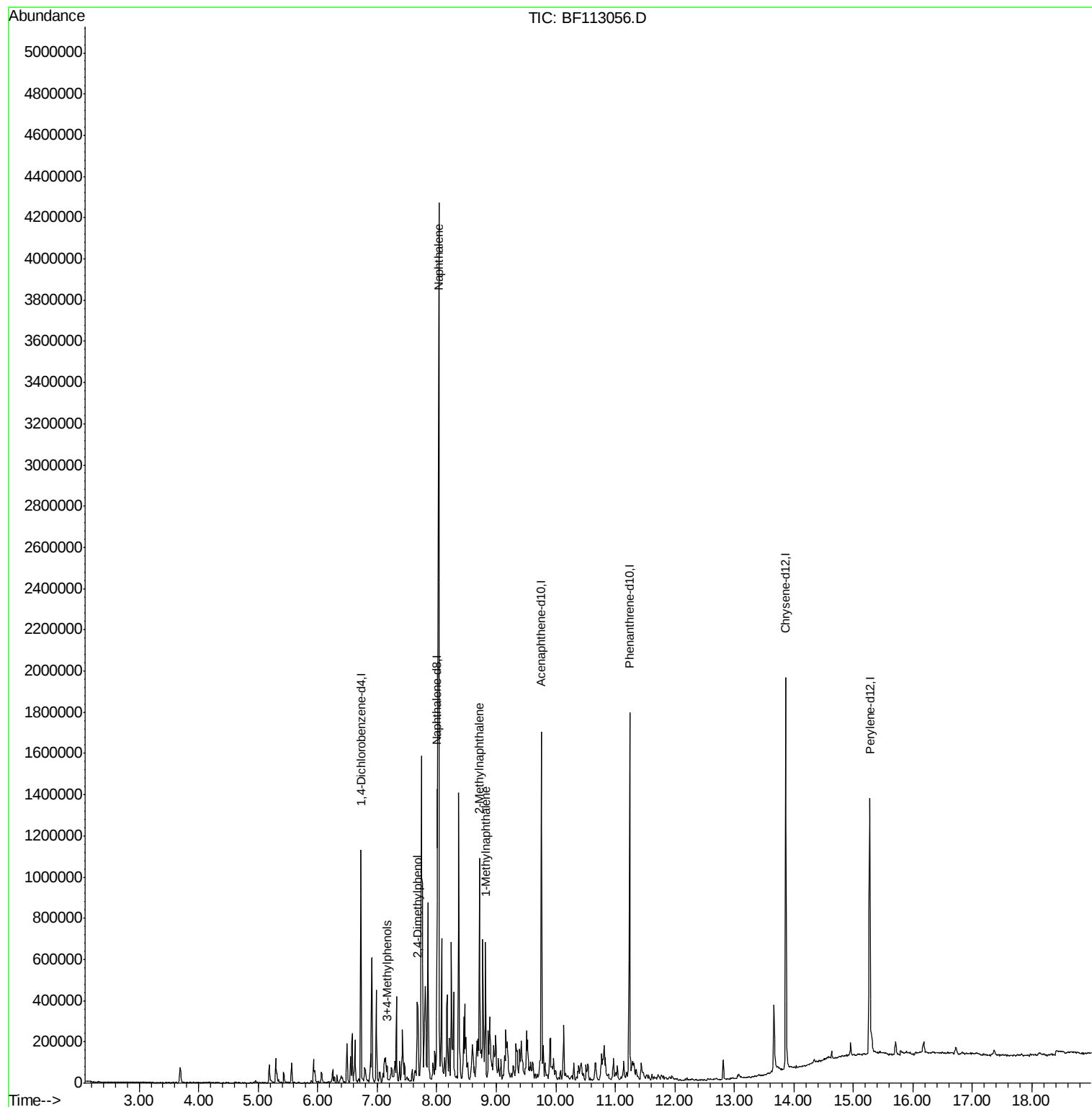
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162420	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	663877	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	330351	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	723862	20.00	ng	0.00
76) Chrysene-d12	13.86	240	695365	20.00	ng	0.00
87) Perylene-d12	15.27	264	651179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	5152	0.49	ng	0.00
7) Phenol-d6	6.37	99	4329	0.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	10899	0.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	6715	1.91	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	28080	-1.00	ng	-0.01
79) Terphenyl-d14	12.82	244	35778	1.00	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.16	107	27387	2.573	ng	Qvalue # 31
27) 2,4-Dimethylphenol	7.67	122	82668	8.645	ng	98
31) Naphthalene	8.03	128	1903092	57.740	ng	100
37) 2-Methylnaphthalene	8.72	142	269387	12.656	ng	99
38) 1-Methylnaphthalene	8.82	142	157946	7.660	ng	97

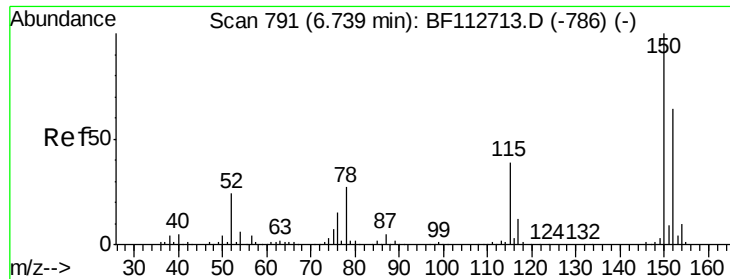
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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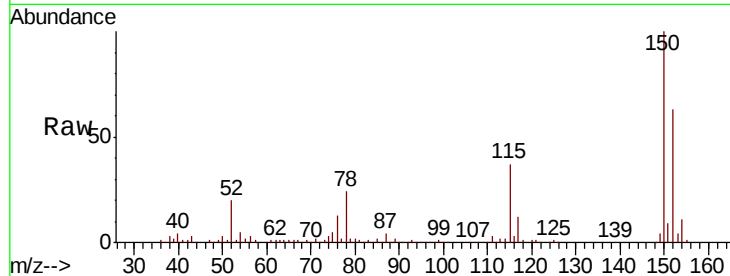


#1

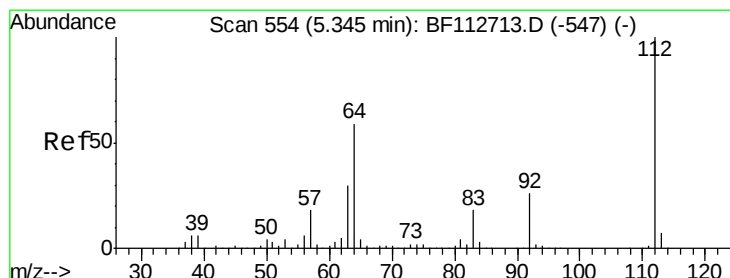
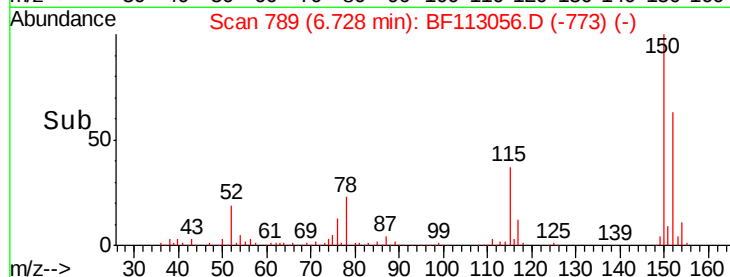
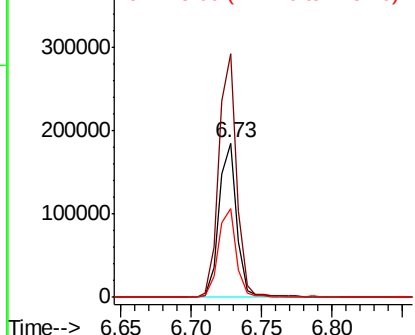
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

Instrument :
BNA_F
ClientSampleId :
MW-1ADL2

Tot Ion:152 Resp: 162420
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 57.6 48.2 72.4



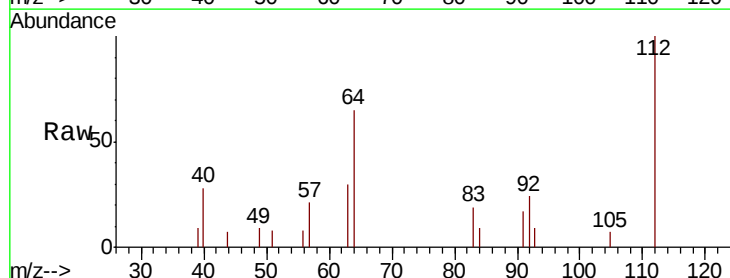
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



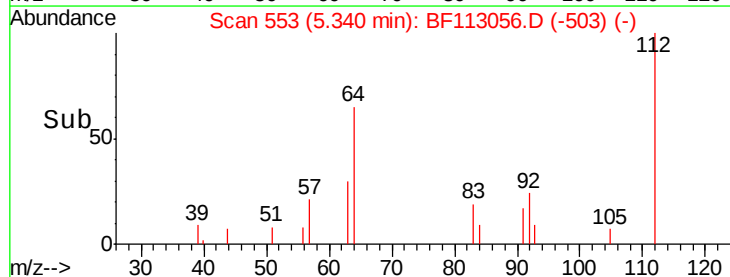
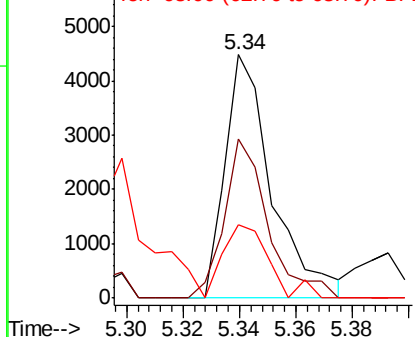
#5

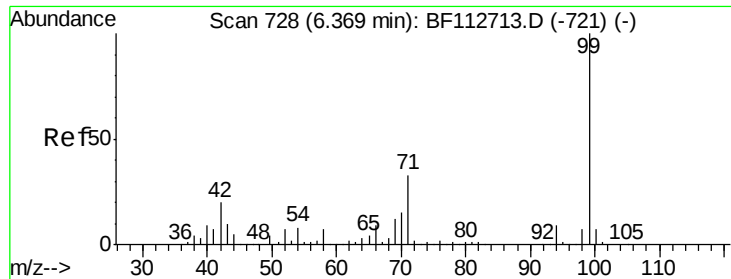
2-Fluorophenol
Concen: 0.493 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

Tgt Ion:112 Resp: 5152
Ion Ratio Lower Upper
112 100
64 65.5 47.6 71.4
63 30.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.330 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113056.D

Acq: 14 Mar 2019 18:14

Instrument :

BNA_F

ClientSampleId :

MW-1ADL2

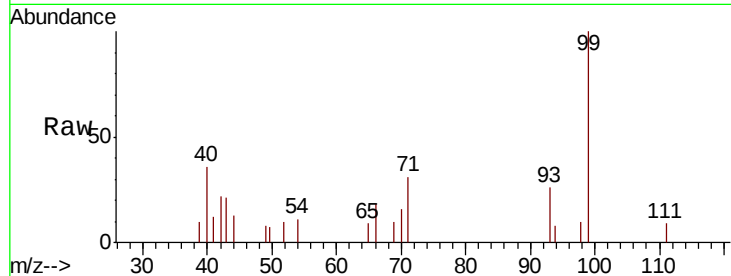
Tot Ion: 99 Resp: 4329

Ion Ratio Lower Upper

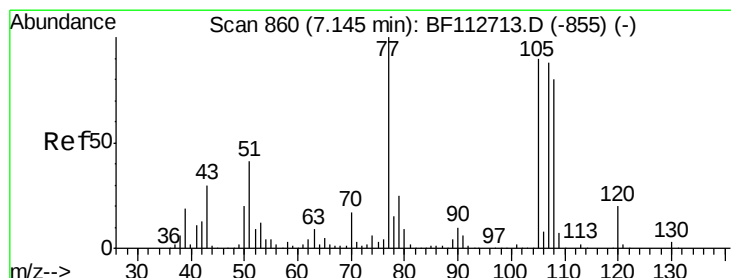
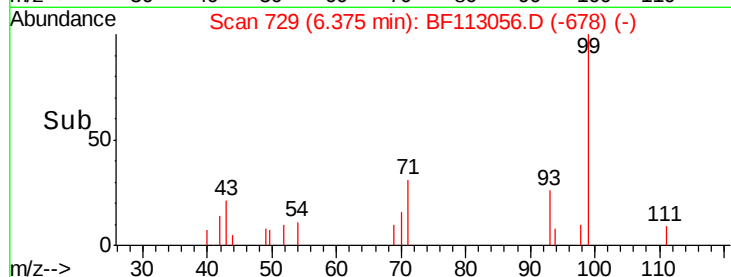
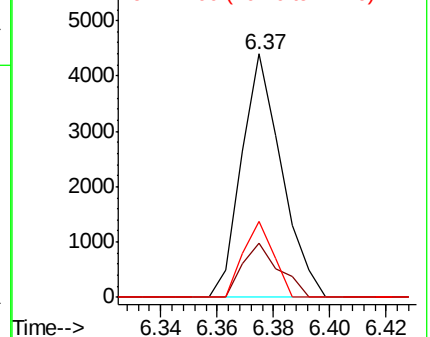
99 100

42 22.1 16.3 24.5

71 30.9 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#20

3+4-Methylphenols

Concen: 2.573 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF113056.D

Acq: 14 Mar 2019 18:14

Tgt Ion: 107 Resp: 27387

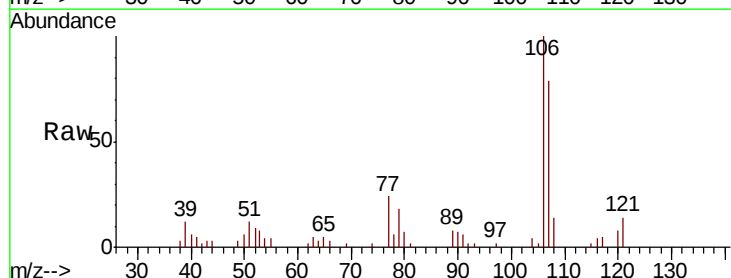
Ion Ratio Lower Upper

107 100

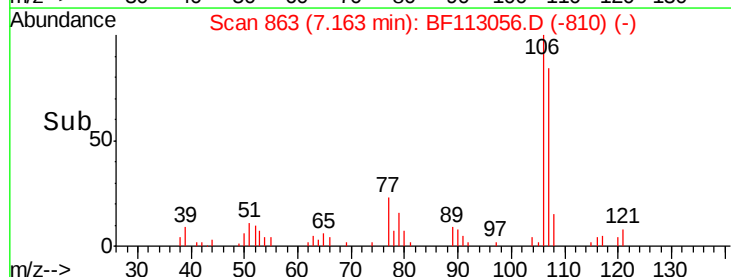
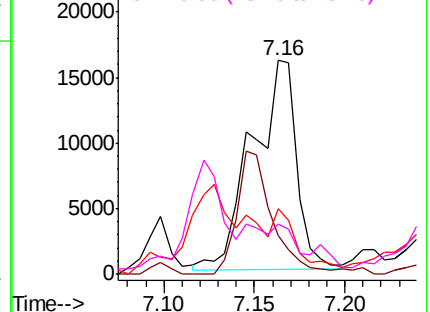
108 17.9 71.4 111.4#

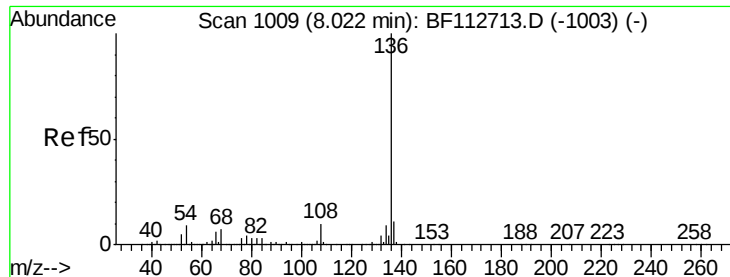
77 30.4 94.1 134.1#

79 23.1 8.6 48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

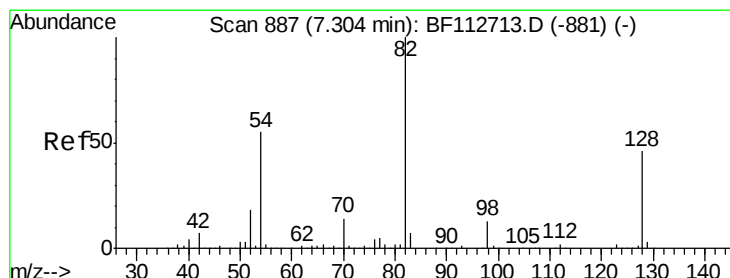
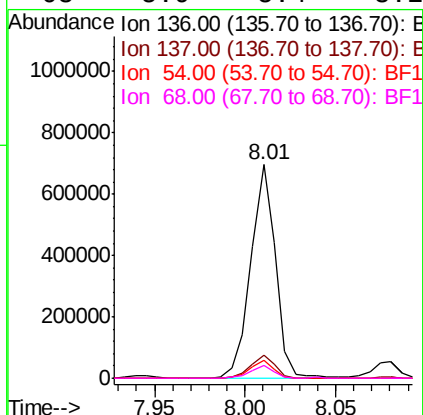
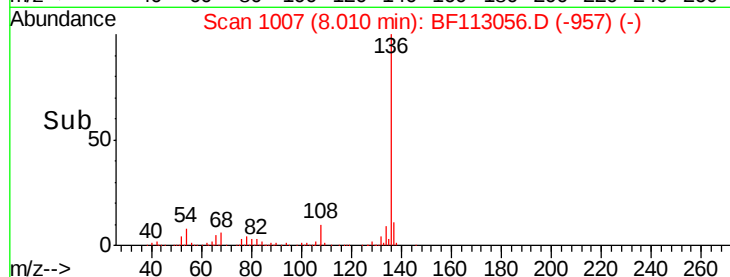
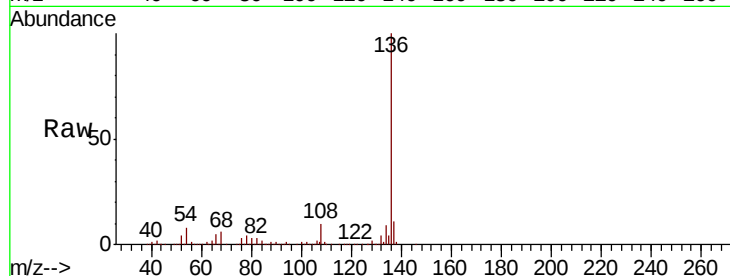




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

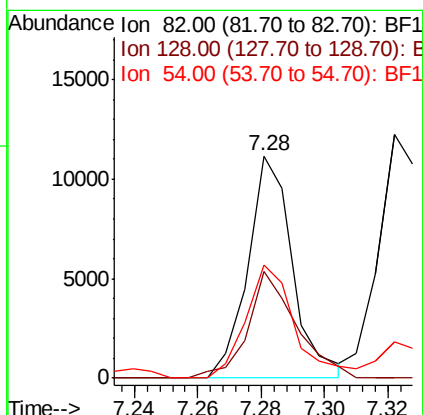
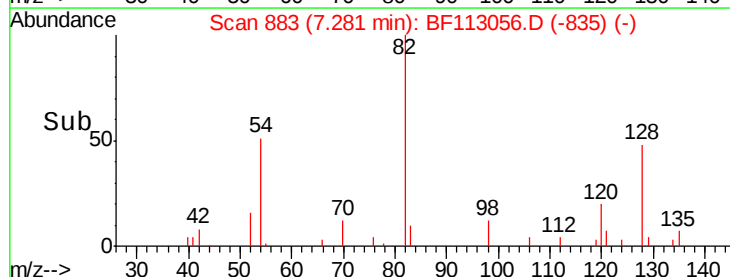
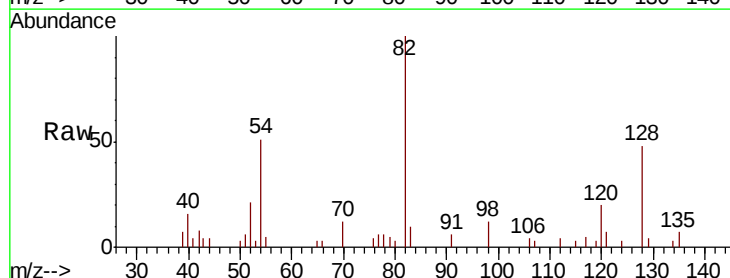
Instrument :
BNA_F
ClientSampleId :
MW-1ADL2

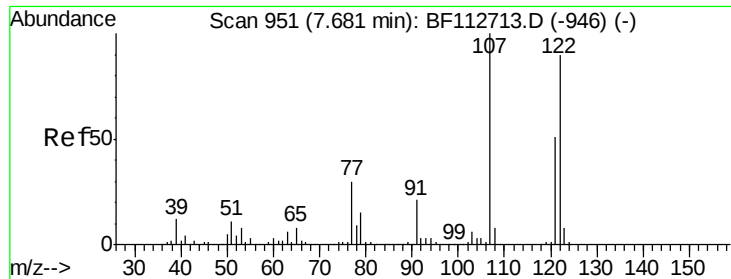
Tot Ion:136	Resp: 663877
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.2	7.3 10.9
68 5.9	5.4 8.2



#23
Nitrobenzene-d5
Concen: 0.982 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

Tgt Ion: 82	Resp: 10899
Ion Ratio	Lower Upper
82 100	
128 48.3	36.3 54.5
54 51.0	43.7 65.5

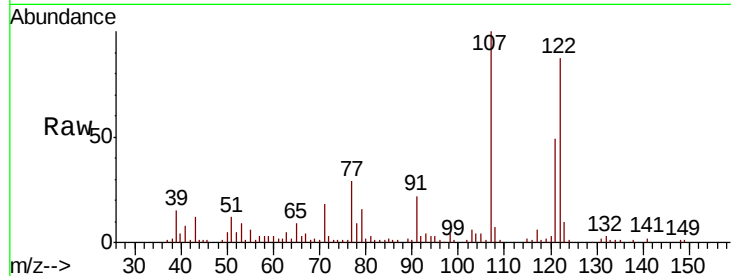




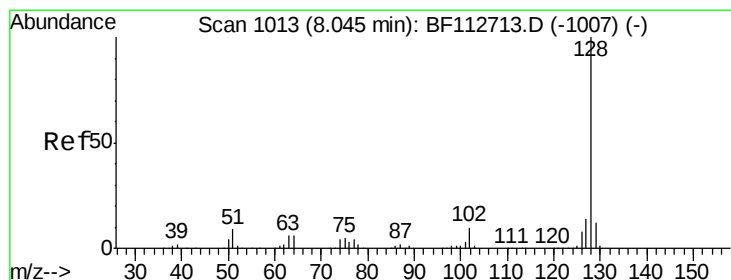
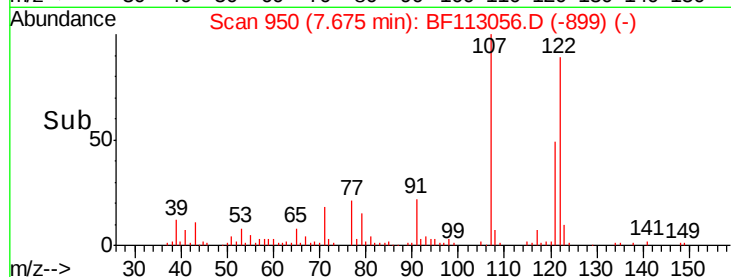
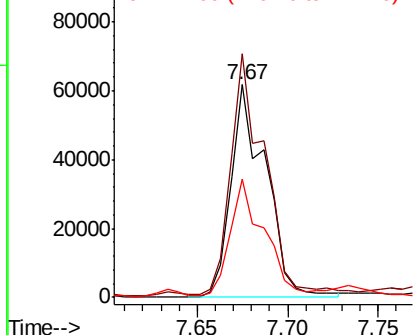
#27
 2,4-Dimethylphenol
 Concen: 8.645 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL2

Tot Ion:122 Resp: 82668
 Ion Ratio Lower Upper
 122 100
 107 114.7 89.4 134.0
 121 55.7 45.5 68.3

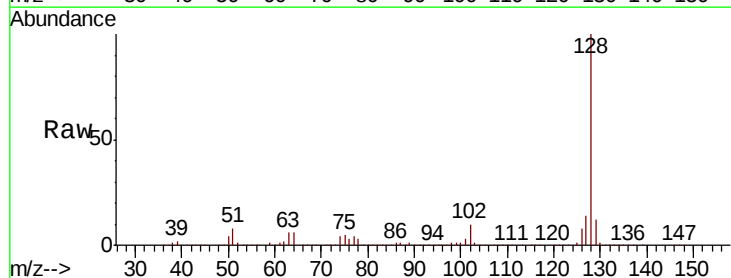


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

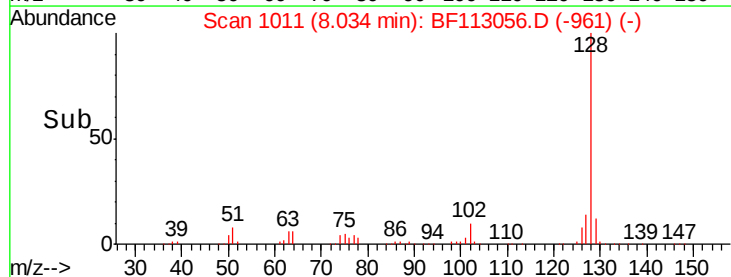
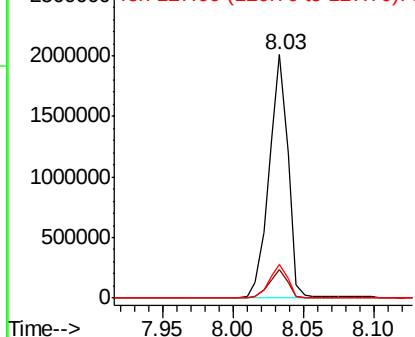


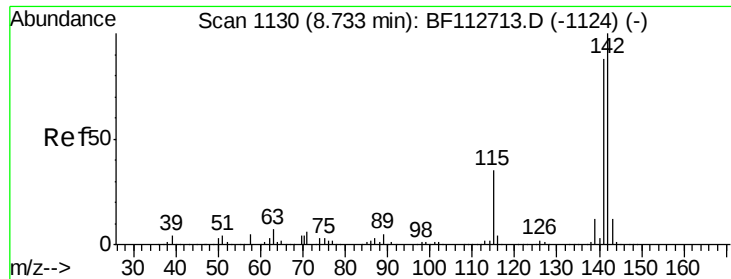
#31
 Naphthalene
 Concen: 57.740 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Tgt Ion:128 Resp: 1903092
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.3 13.9
 127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

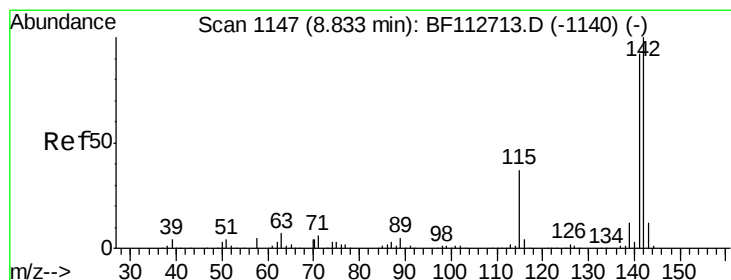
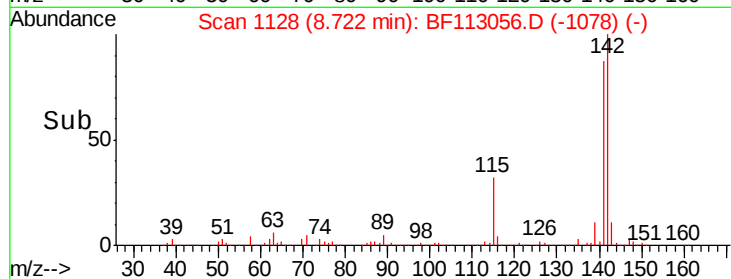
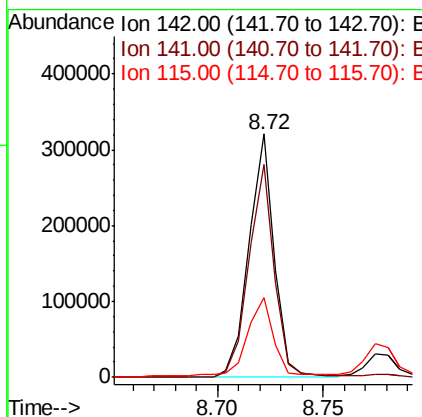
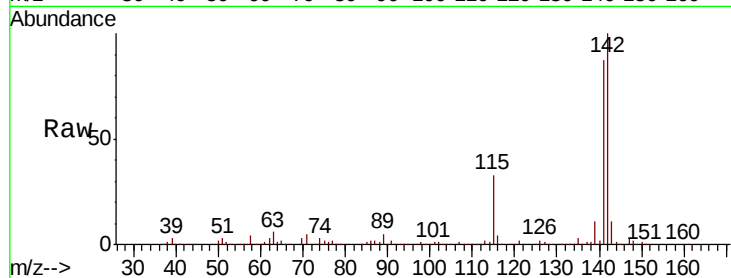




#37
2-Methylnaphthalene
Concen: 12.656 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

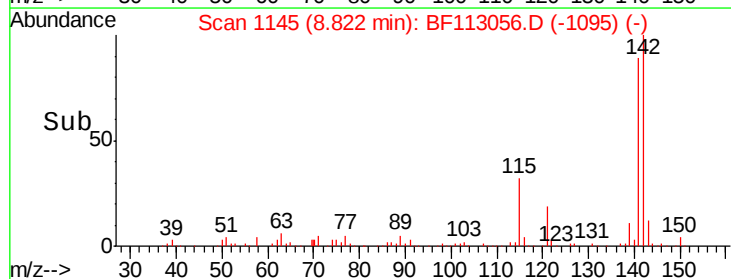
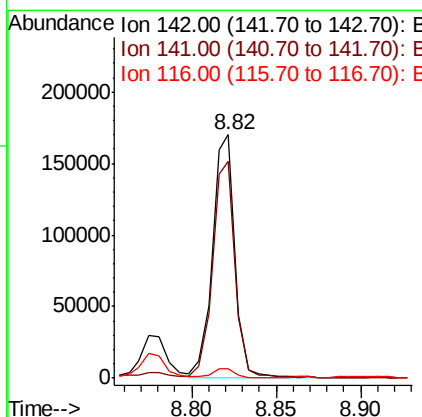
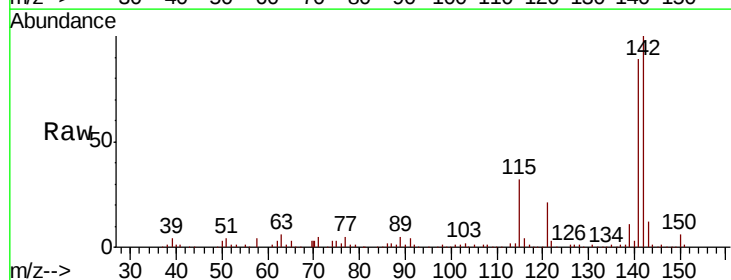
Instrument :
BNA_F
ClientSampleId :
MW-1ADL2

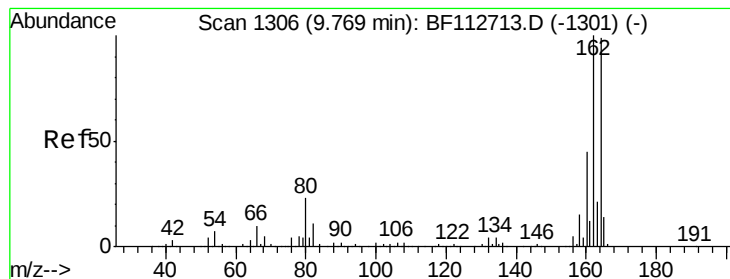
Tot Ion:142 Resp: 269387
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5
115 32.6 27.8 41.6



#38
1-Methylnaphthalene
Concen: 7.660 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

Tgt Ion:142 Resp: 157946
Ion Ratio Lower Upper
142 100
141 89.1 73.7 110.5
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113056.D

Acq: 14 Mar 2019 18:14

Instrument :

BNA_F

ClientSampleId :

MW-1ADL2

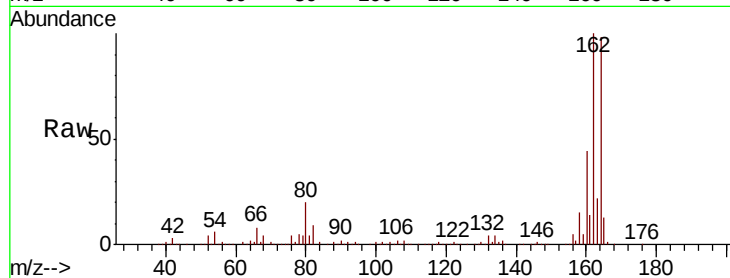
Tot Ion:164 Resp: 330351

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

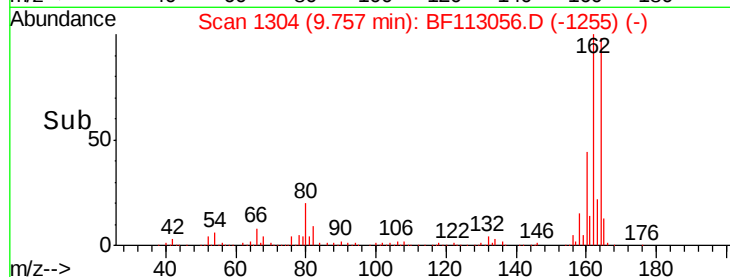
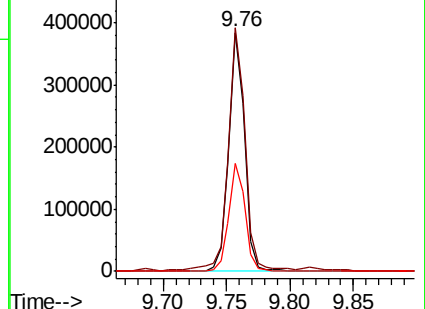
160 45.2 36.0 54.0



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: 1.915 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113056.D

Acq: 14 Mar 2019 18:14

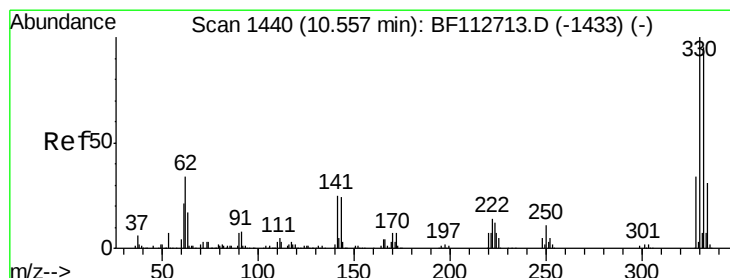
Tgt Ion:330 Resp: 6715

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

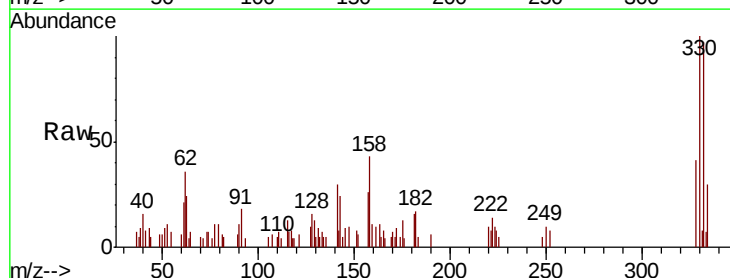
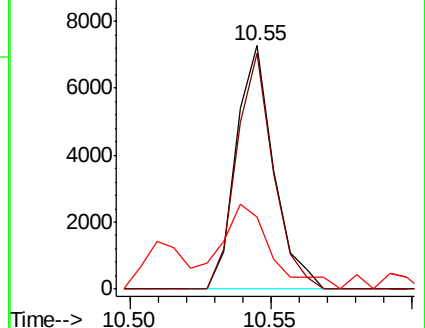
141 46.5 27.0 40.6#

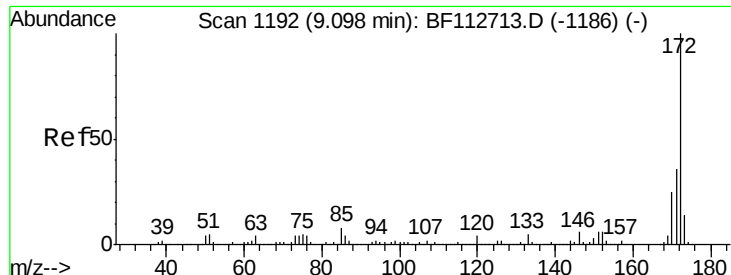


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

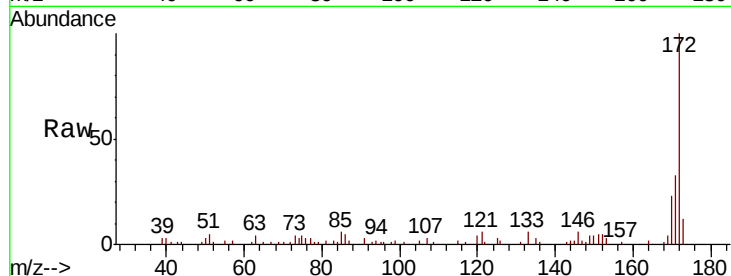




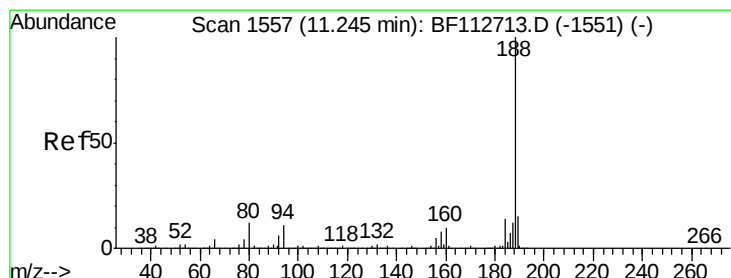
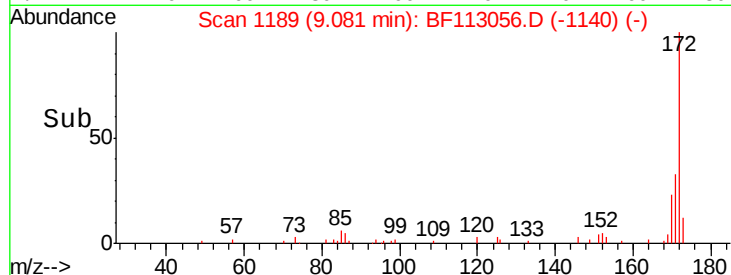
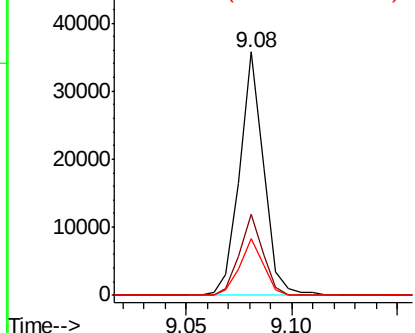
#45
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL2

Tot Ion:172 Resp: 28080
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.0 43.4
 170 23.2 20.0 30.0

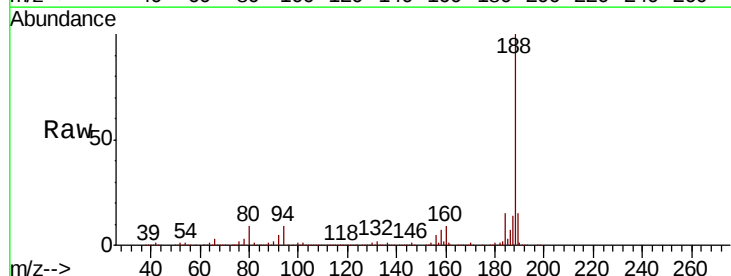


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

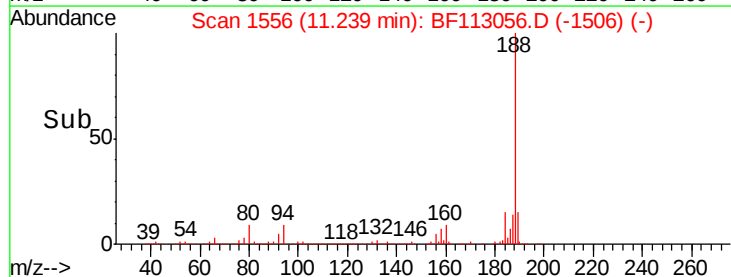
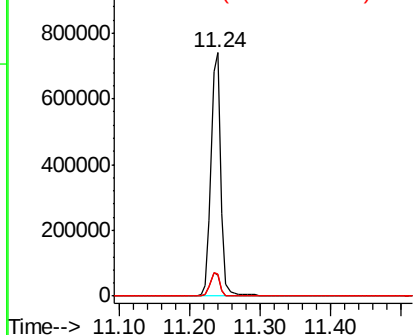


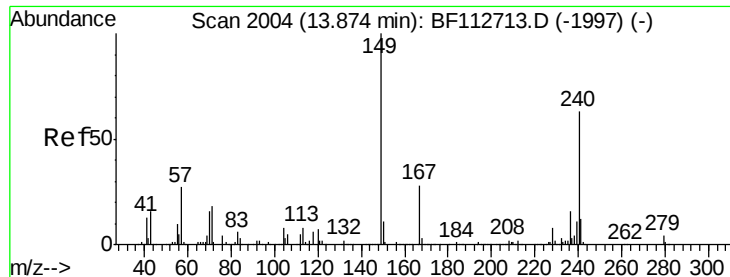
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Tgt Ion:188 Resp: 723862
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 9.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

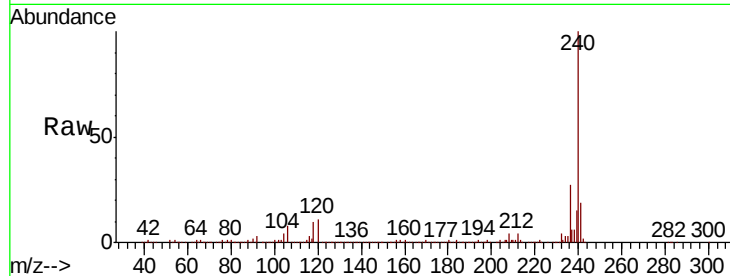




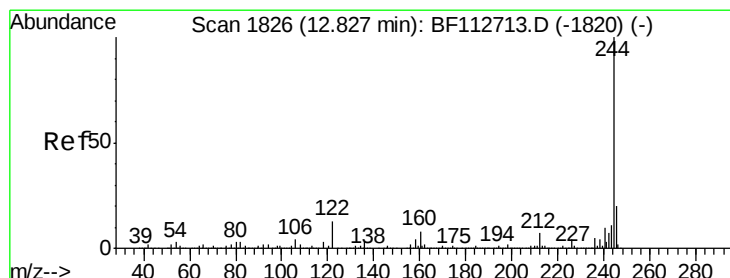
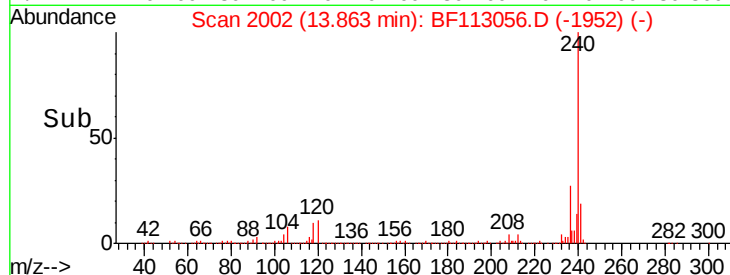
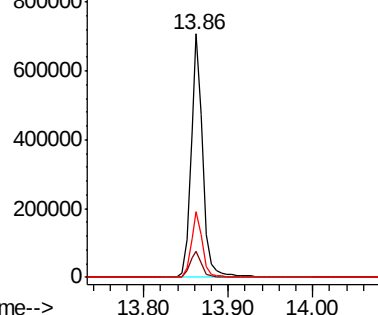
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL2

Tot Ion:240 Resp: 695365
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 26.8 20.7 31.1

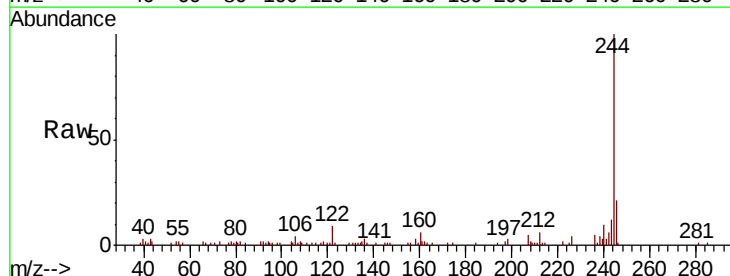


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

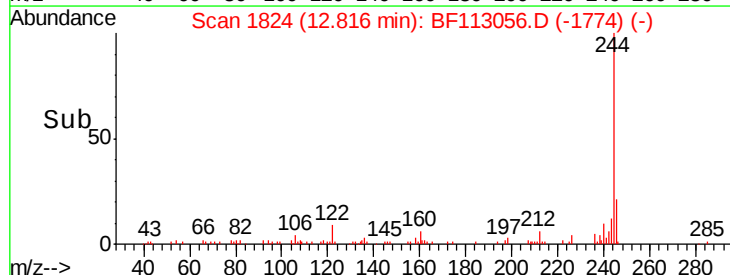
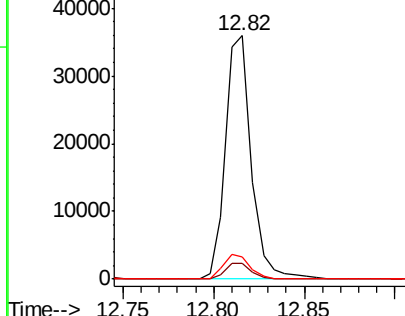


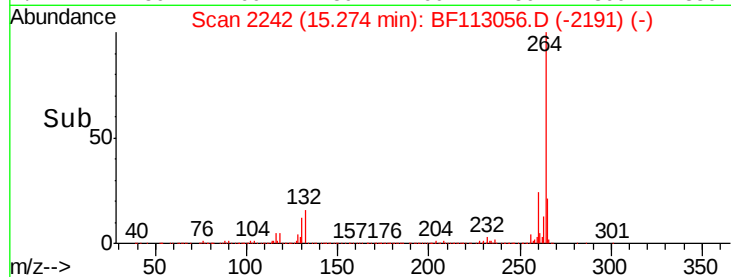
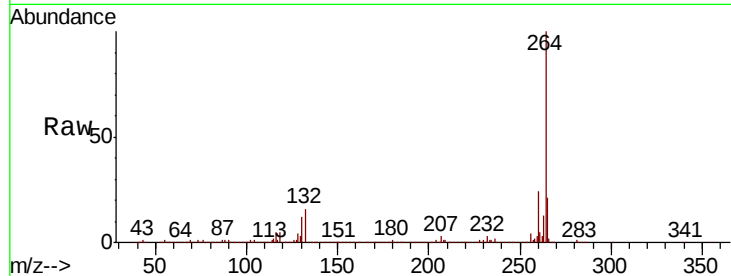
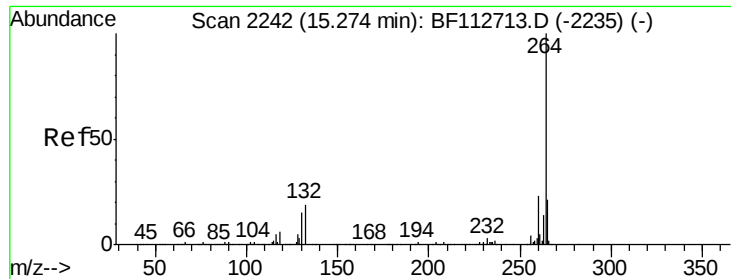
#79
 Terphenyl-d14
 Concen: 0.997 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113056.D
 Acq: 14 Mar 2019 18:14

Tgt Ion:244 Resp: 35778
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.1 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113056.D
Acq: 14 Mar 2019 18:14

Instrument :
BNA_F
ClientSampleId :
MW-1ADL2

Tot Ion: 264 Resp: 651179

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.2	25.8

