

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112646.D
 Acq On : 21 Feb 2019 12:19
 Operator : JU/SJ
 Sample : K1528-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Feb 21 13:08:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

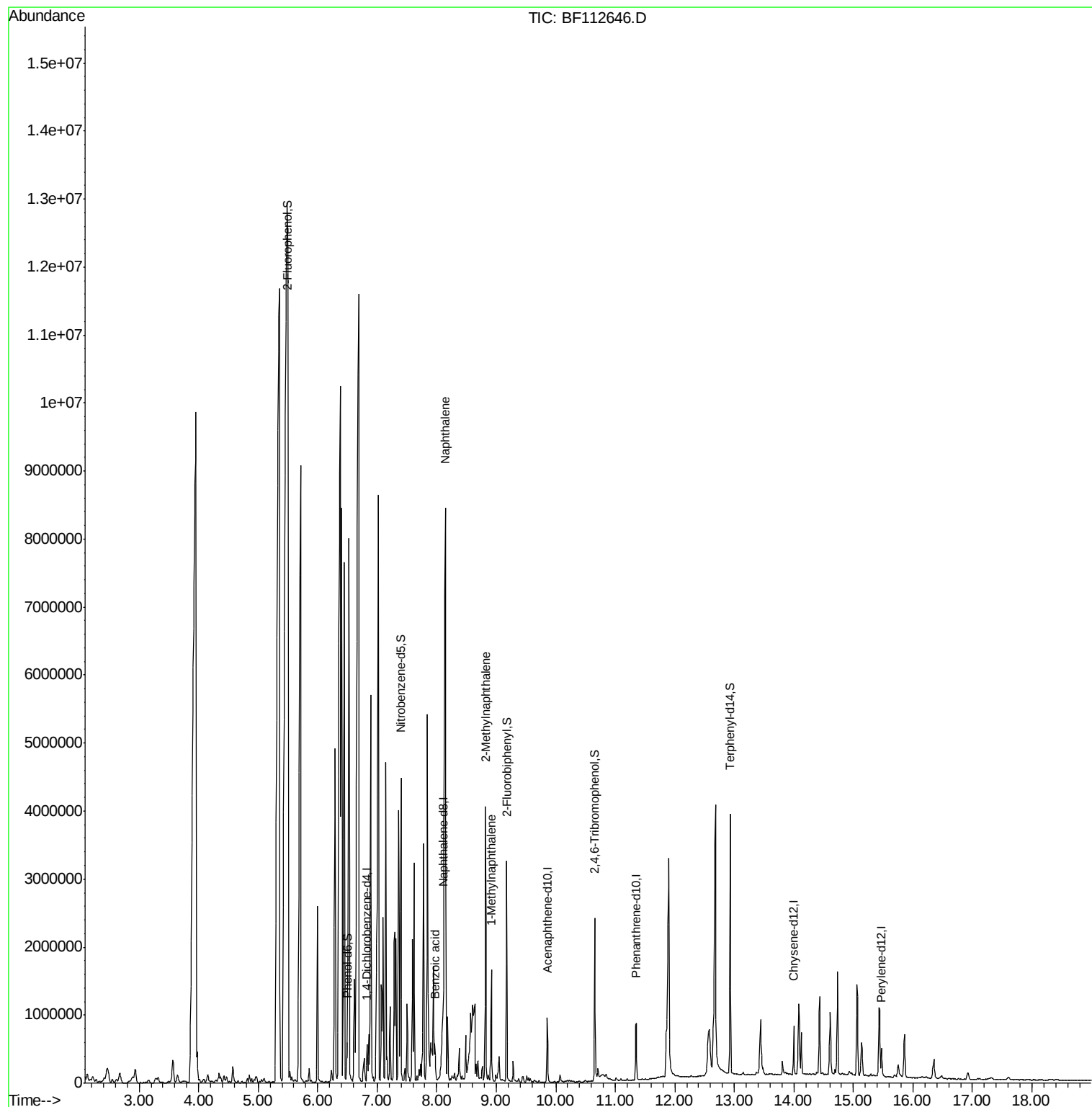
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	89439	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	336583	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	172698	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	333999	20.00	ng	0.00
76) Chrysene-d12	14.00	240	239112	20.00	ng	0.00
87) Perylene-d12	15.47	264	204682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	144441	34.30	ng	0.03
7) Phenol-d6	6.49	99	220065	37.61	ng	0.01
23) Nitrobenzene-d5	7.40	82	526250	90.09	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	292720	145.62	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1131810	92.69	ng	0.00
79) Terphenyl-d14	12.93	244	1187908	93.57	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	5403411	343.290	ng	96
32) Benzoic acid	7.97	122	236839	96.660	ng	89
37) 2-Methylnaphthalene	8.82	142	1104388	102.492	ng	# 95
38) 1-Methylnaphthalene	8.92	142	458077	44.353	ng	97

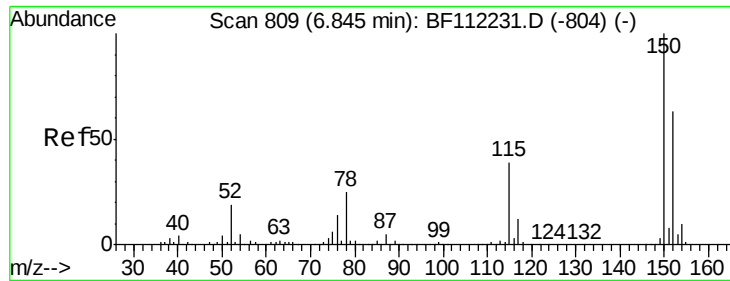
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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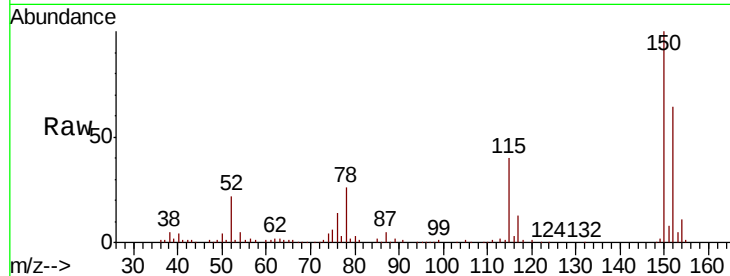


#1

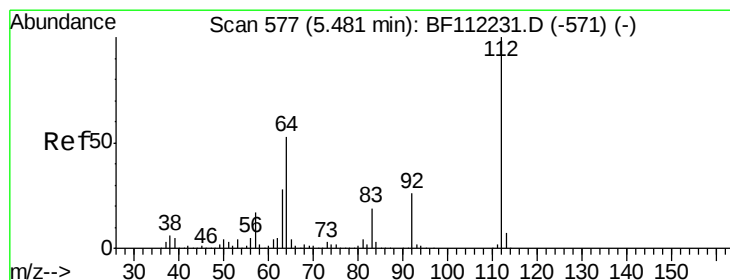
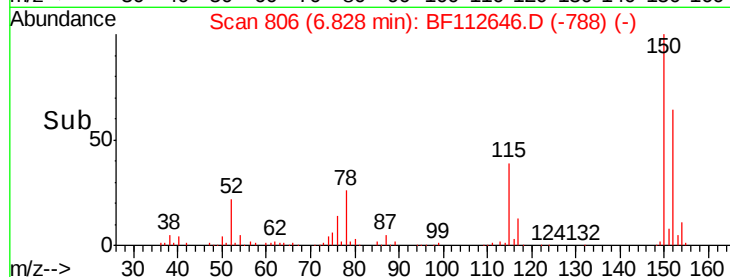
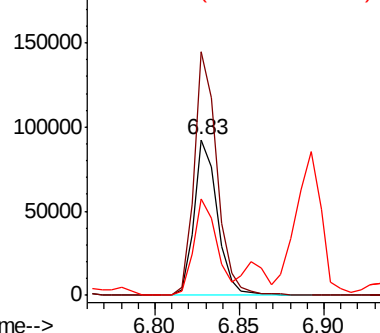
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Instrument :
BNA_F
ClientSampled :
MW-1

Tot Ion:152 Resp: 89439
Ion Ratio Lower Upper
152 100
150 156.3 127.4 191.0
115 62.0 45.5 68.3



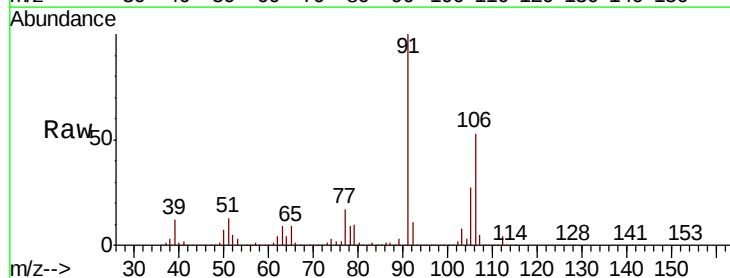
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



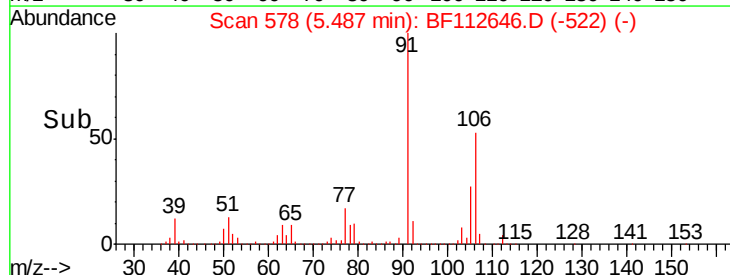
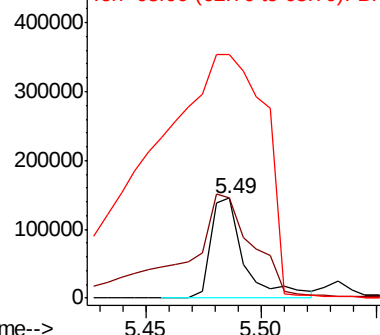
#5

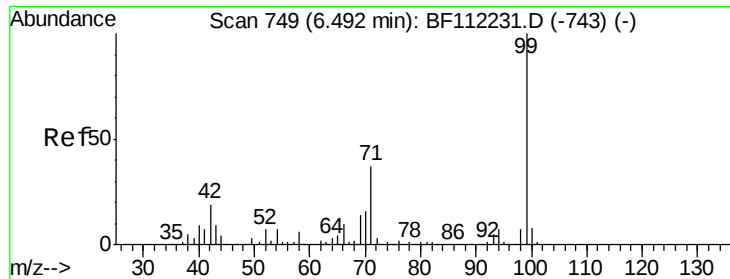
2-Fluorophenol
Concen: 34.303 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.03 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Tgt Ion:112 Resp: 144441
Ion Ratio Lower Upper
112 100
64 99.6 45.7 68.5#
63 243.3 23.6 35.4#



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: 37.611 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF112646.D

Acq: 21 Feb 2019 12:19

Instrument :

BNA_F

ClientSampled :

MW-1

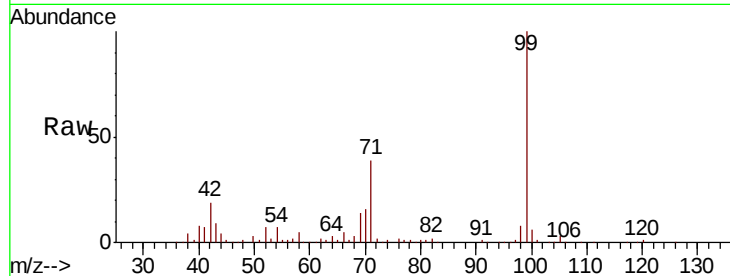
Tot Ion: 99 Resp: 220065

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

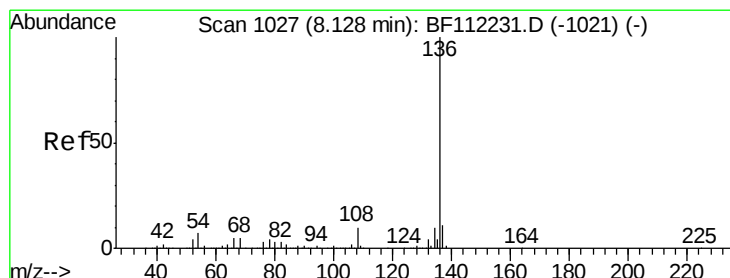
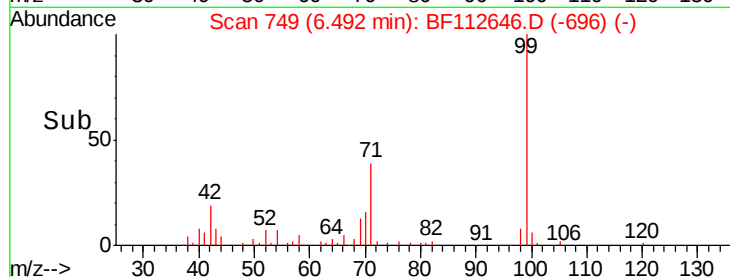
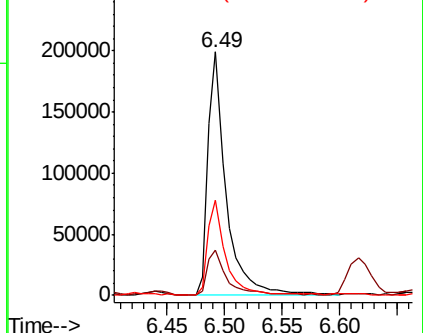
71 38.8 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF112646.D

Acq: 21 Feb 2019 12:19

Tgt Ion: 136 Resp: 336583

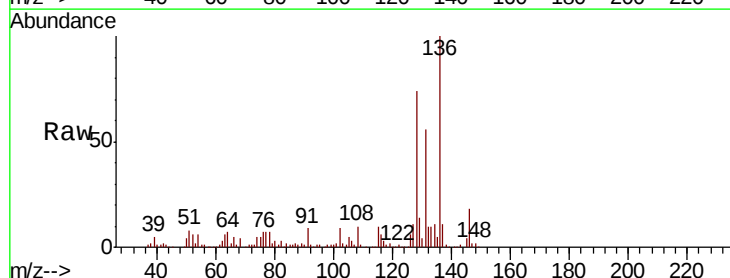
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 5.9 8.9

68 4.5 5.1 7.7#

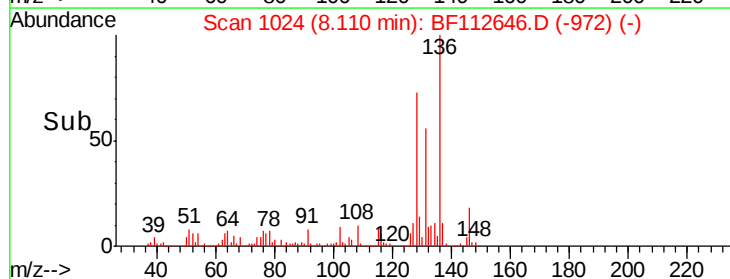
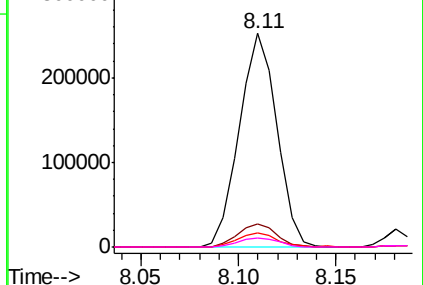


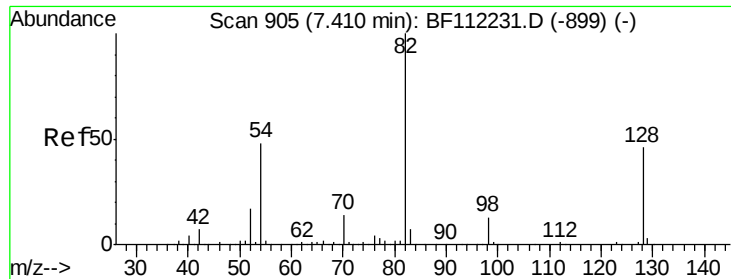
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

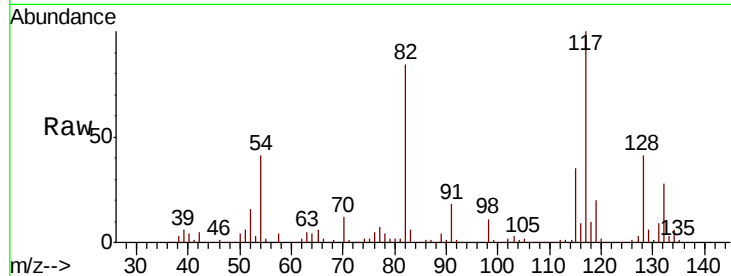




#23
Nitrobenzene-d5
Concen: 90.089 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion	82	Resp	526250
Ion Ratio	Lower	Upper	
82	100		
128	48.8	37.8	56.8
54	48.6	39.7	59.5

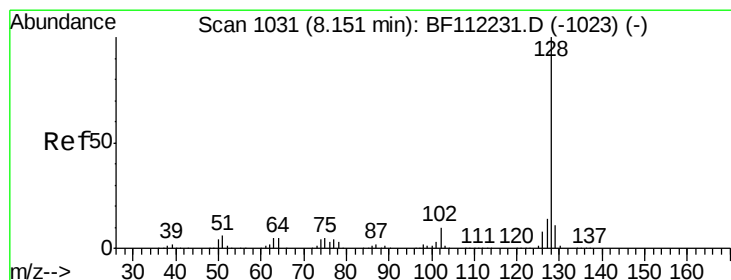
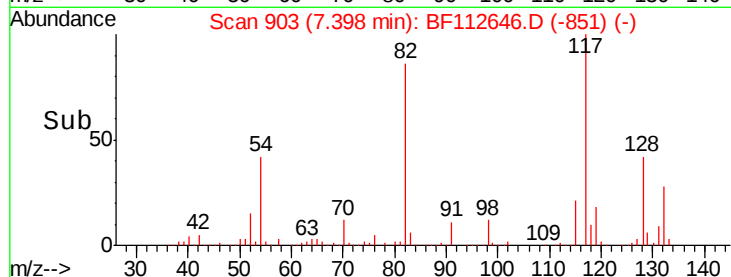
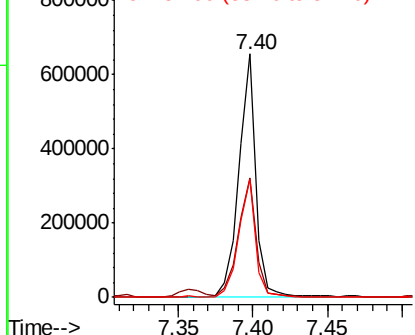


Abundance

Ion 82.00 (81.70 to 82.70): BF1

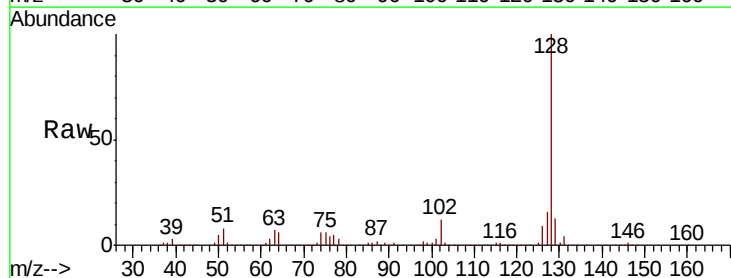
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#31
Naphthalene
Concen: 343.290 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Tgt Ion	128	Resp	5403411
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.6	14.4
127	15.9	11.1	16.7

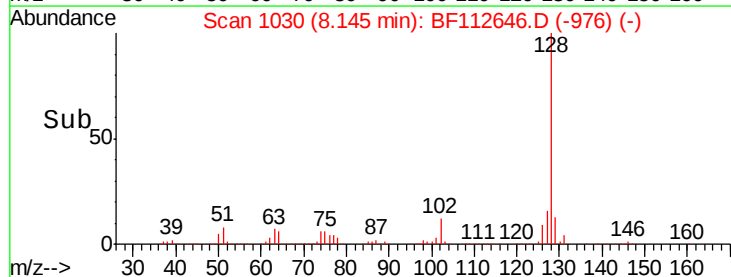
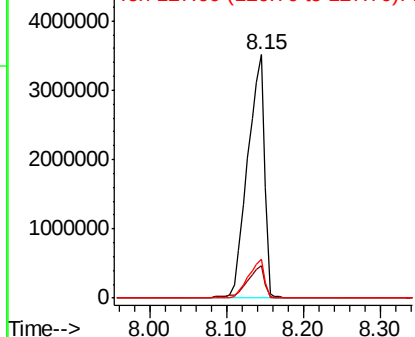


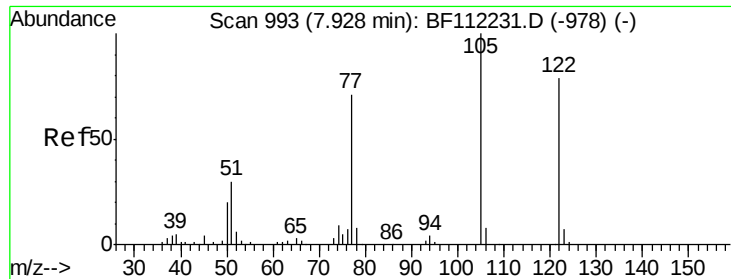
Abundance

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

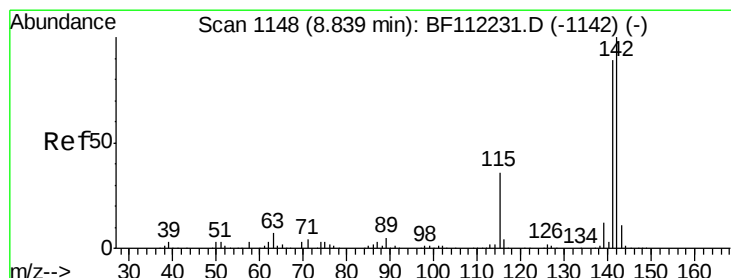
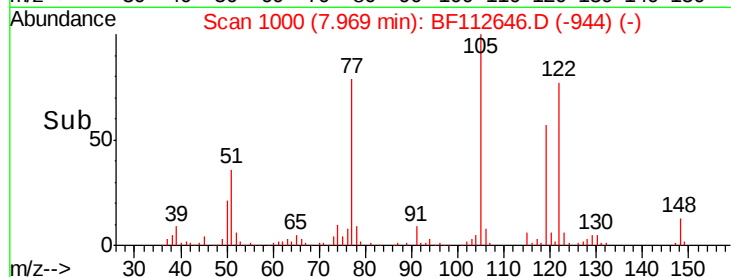
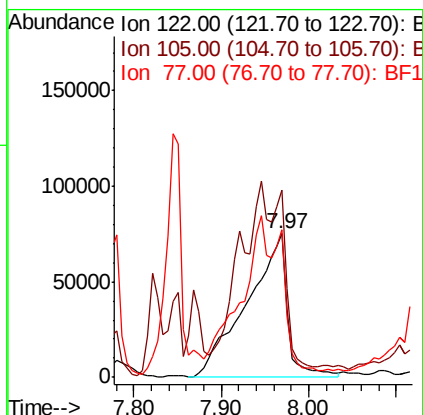
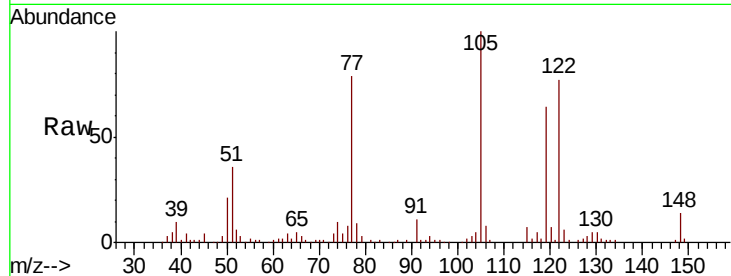




#32
Benzoic acid
Concen: 96.660 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.03 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

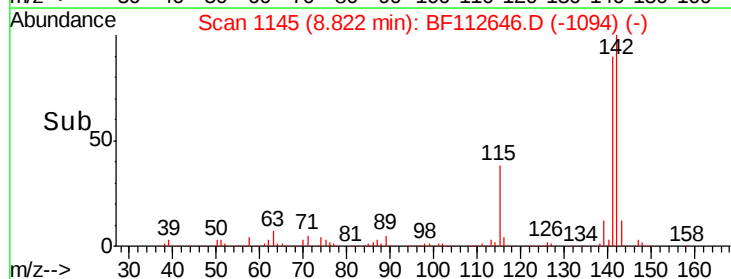
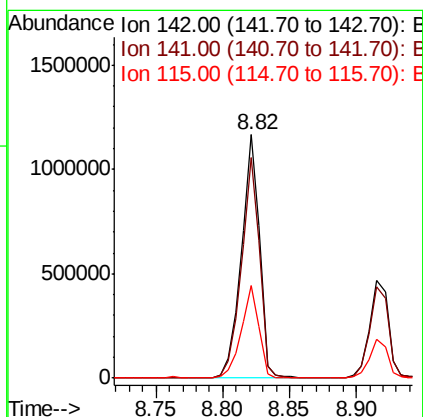
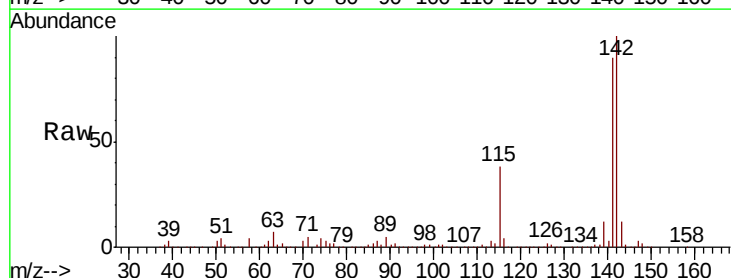
Instrument :
BNA_F
ClientSampleId :
MW-1

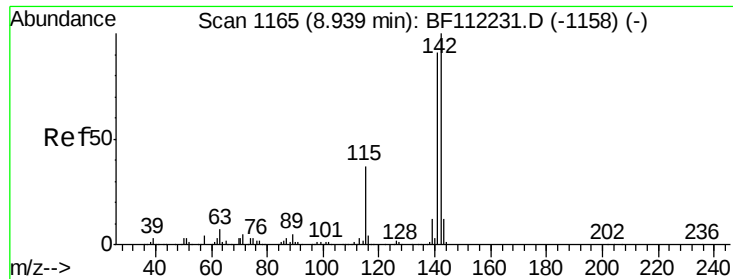
Tot Ion:122 Resp: 236839
Ion Ratio Lower Upper
122 100
105 130.6 101.2 141.2
77 103.3 70.4 110.4



#37
2-Methylnaphthalene
Concen: 102.492 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Tgt Ion:142 Resp: 1104388
Ion Ratio Lower Upper
142 100
141 90.3 70.9 106.3
115 38.1 24.9 37.3#

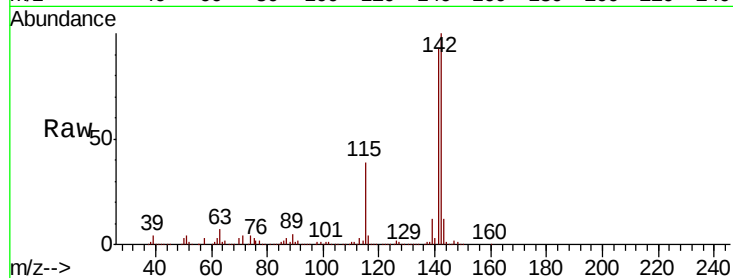




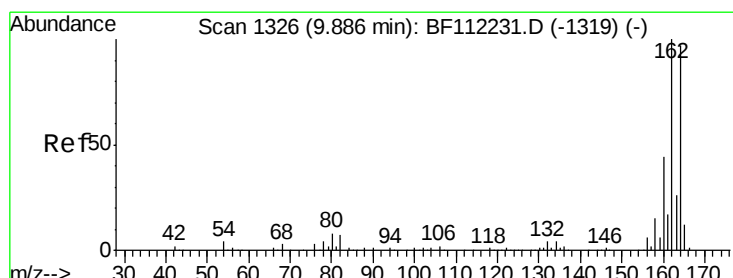
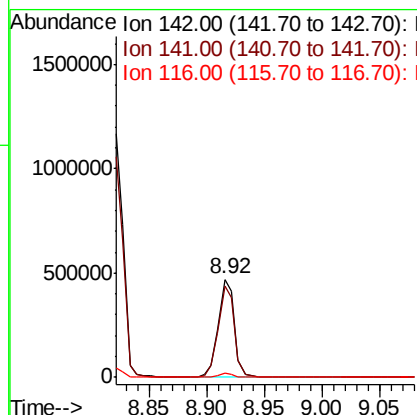
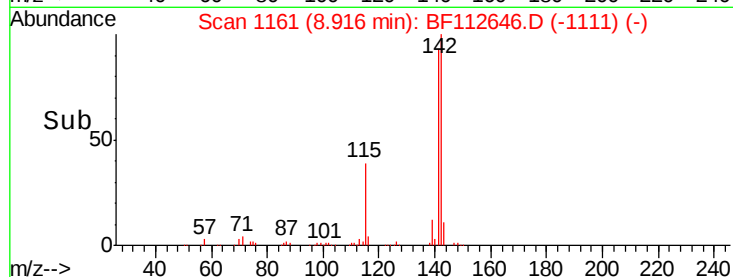
#38
1-Methylnaphthalene
Concen: 44.353 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Instrument :
BNA_F
ClientSampleId :
MW-1

Tot Ion:142 Resp: 458077
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8
116 4.0 2.8 4.2

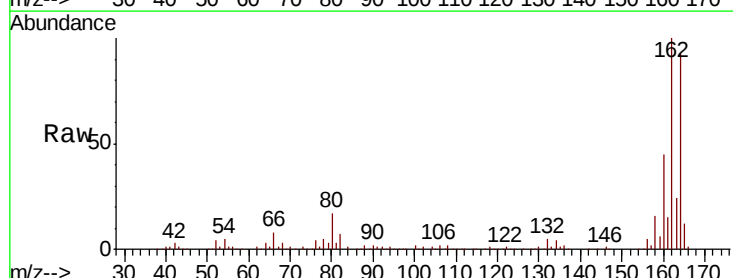


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

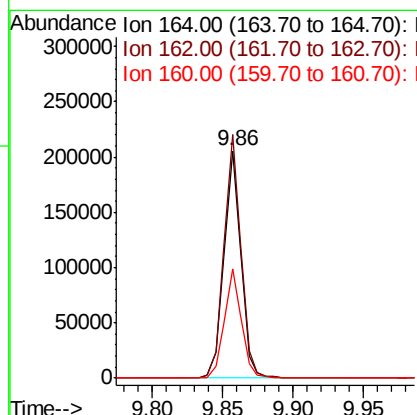
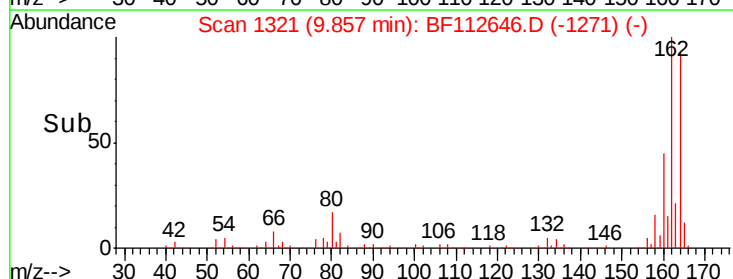


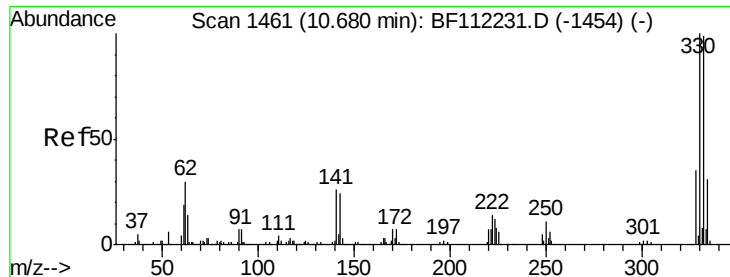
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Tgt Ion:164 Resp: 172698
Ion Ratio Lower Upper
164 100
162 107.2 82.2 123.4
160 48.1 36.2 54.4



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

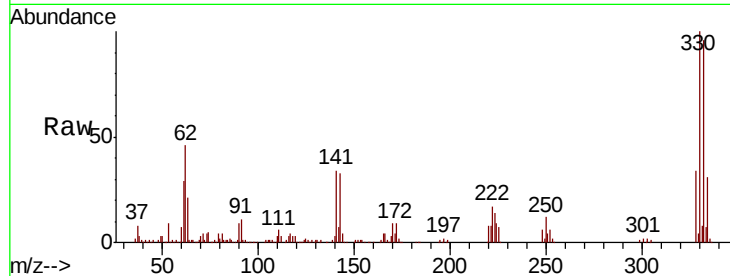




#42
 2,4,6-Tribromophenol
 Concen: 145.620 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF112646.D
 Acq: 21 Feb 2019 12:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.0	24.3	36.5

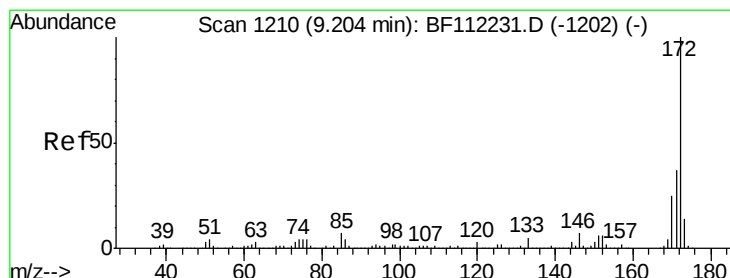
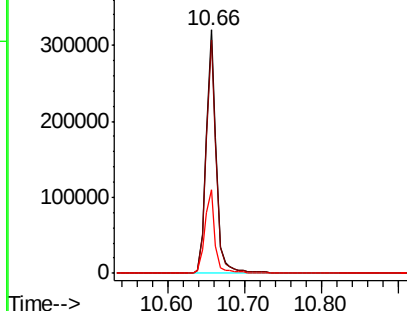
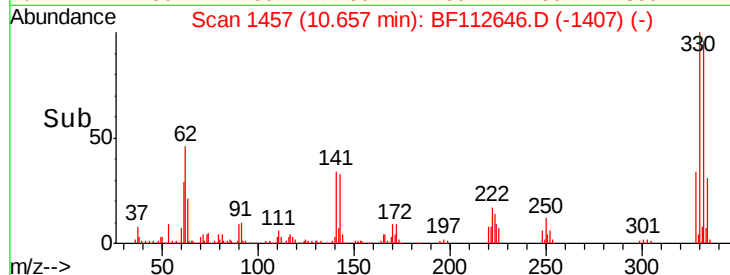


Abundance

Ion 329.80 (329.50 to 330.50): E

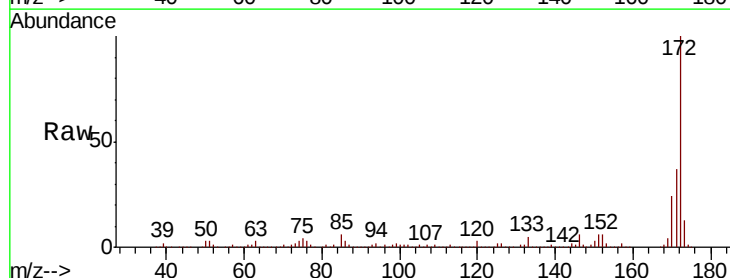
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.691 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF112646.D
 Acq: 21 Feb 2019 12:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.9	20.2	30.4

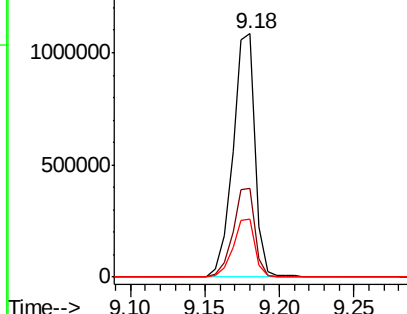
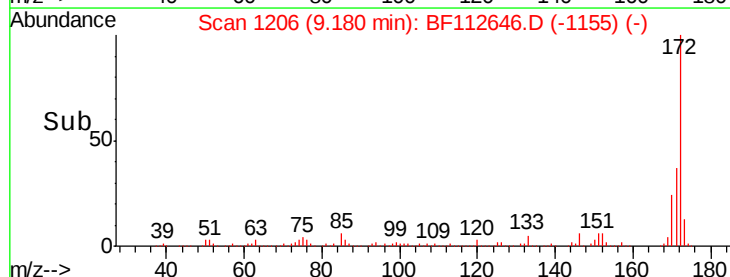


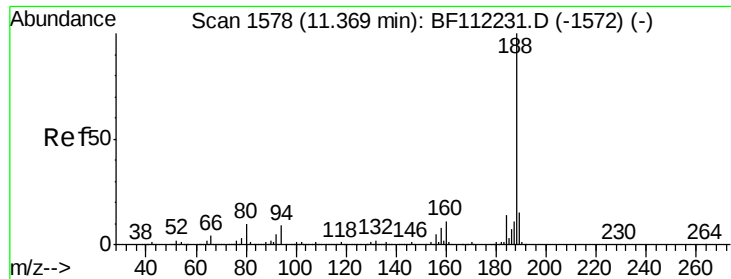
Abundance

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

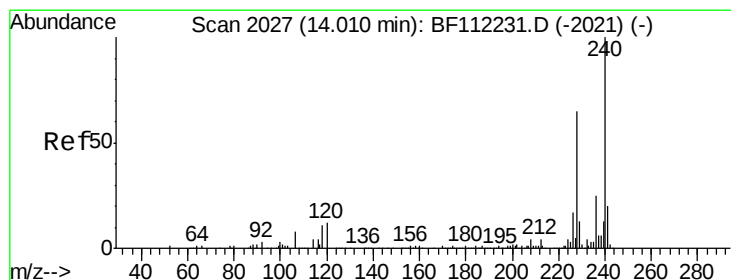
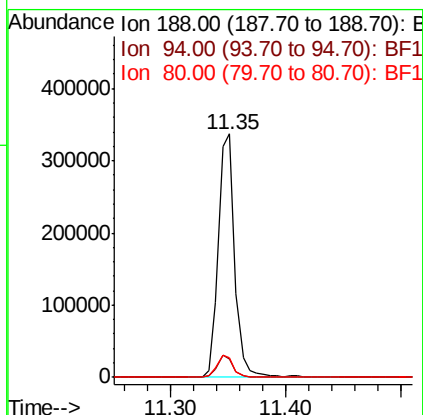
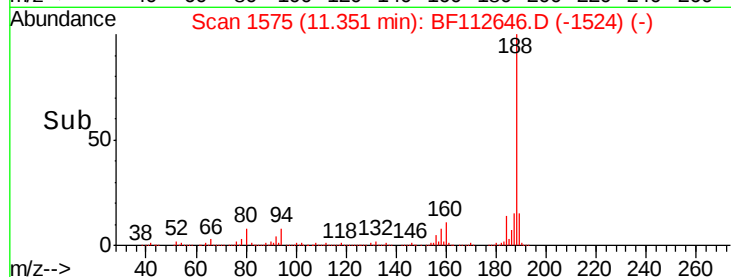
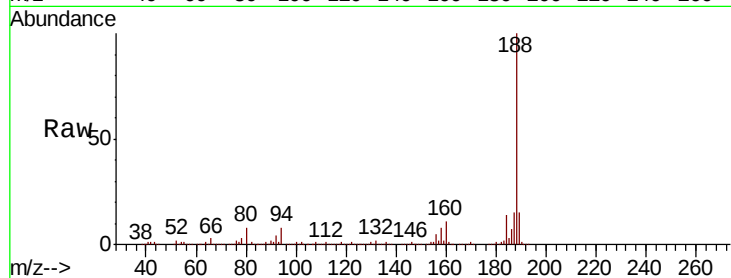




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

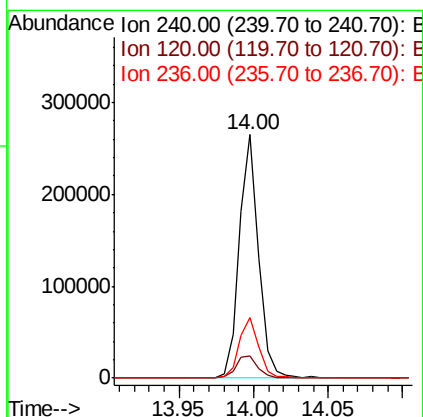
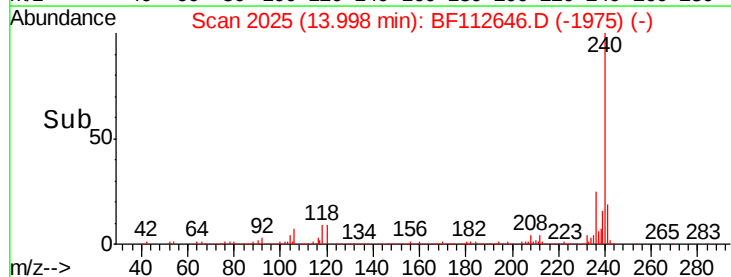
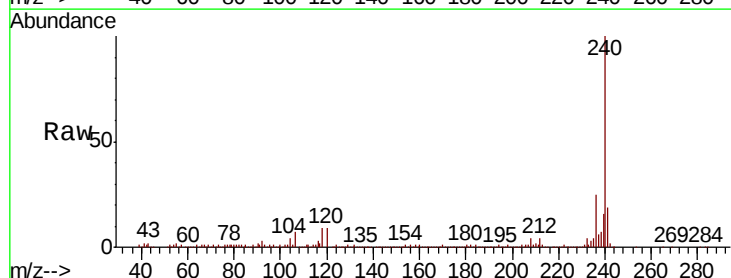
Instrument :
BNA_F
ClientSampleId :
MW-1

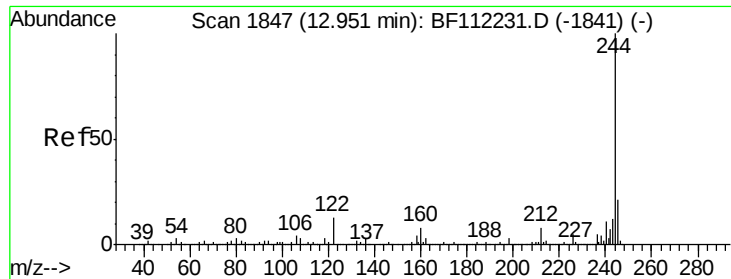
Tot Ion:188 Resp: 333999
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.0 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112646.D
Acq: 21 Feb 2019 12:19

Tgt Ion:240 Resp: 239112
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.6
236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 93.570 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF112646.D

Acq: 21 Feb 2019 12:19

Instrument :

BNA_F

ClientSampleId :

MW-1

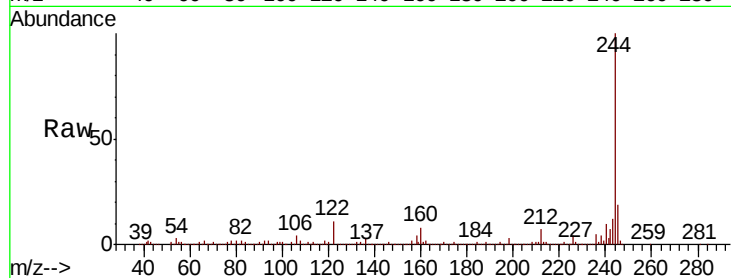
Tot Ion:244 Resp: 1187908

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

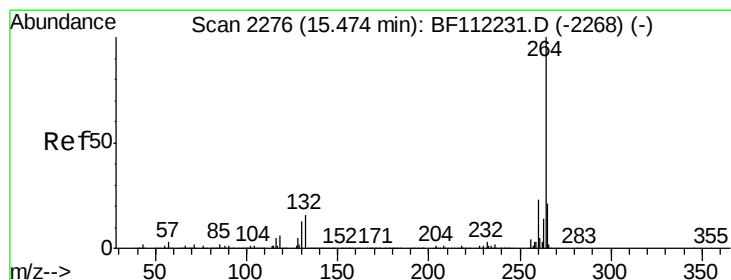
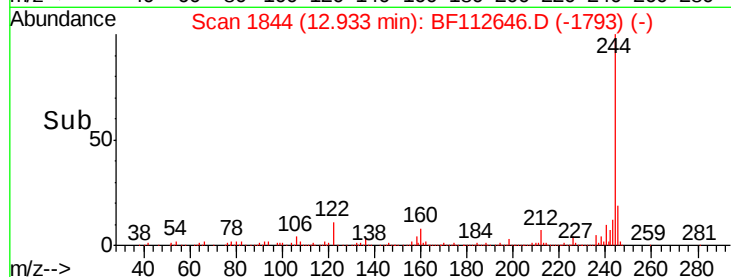
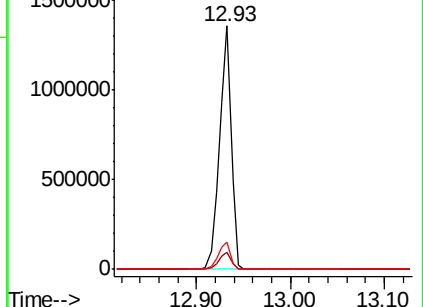
122 11.4 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112646.D

Acq: 21 Feb 2019 12:19

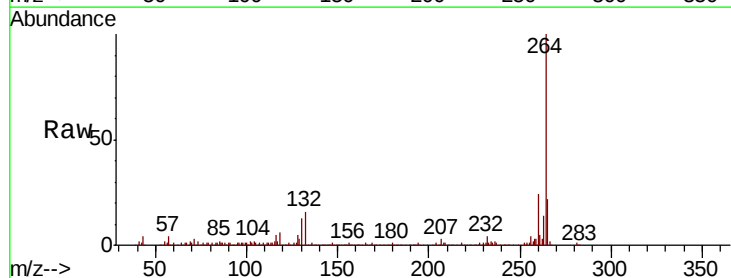
Tgt Ion:264 Resp: 204682

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 21.5 17.0 25.4



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

