

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112478.D
 Acq On : 11 Feb 2019 14:07
 Operator : JU/SJ
 Sample : K1453-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 11 16:50:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

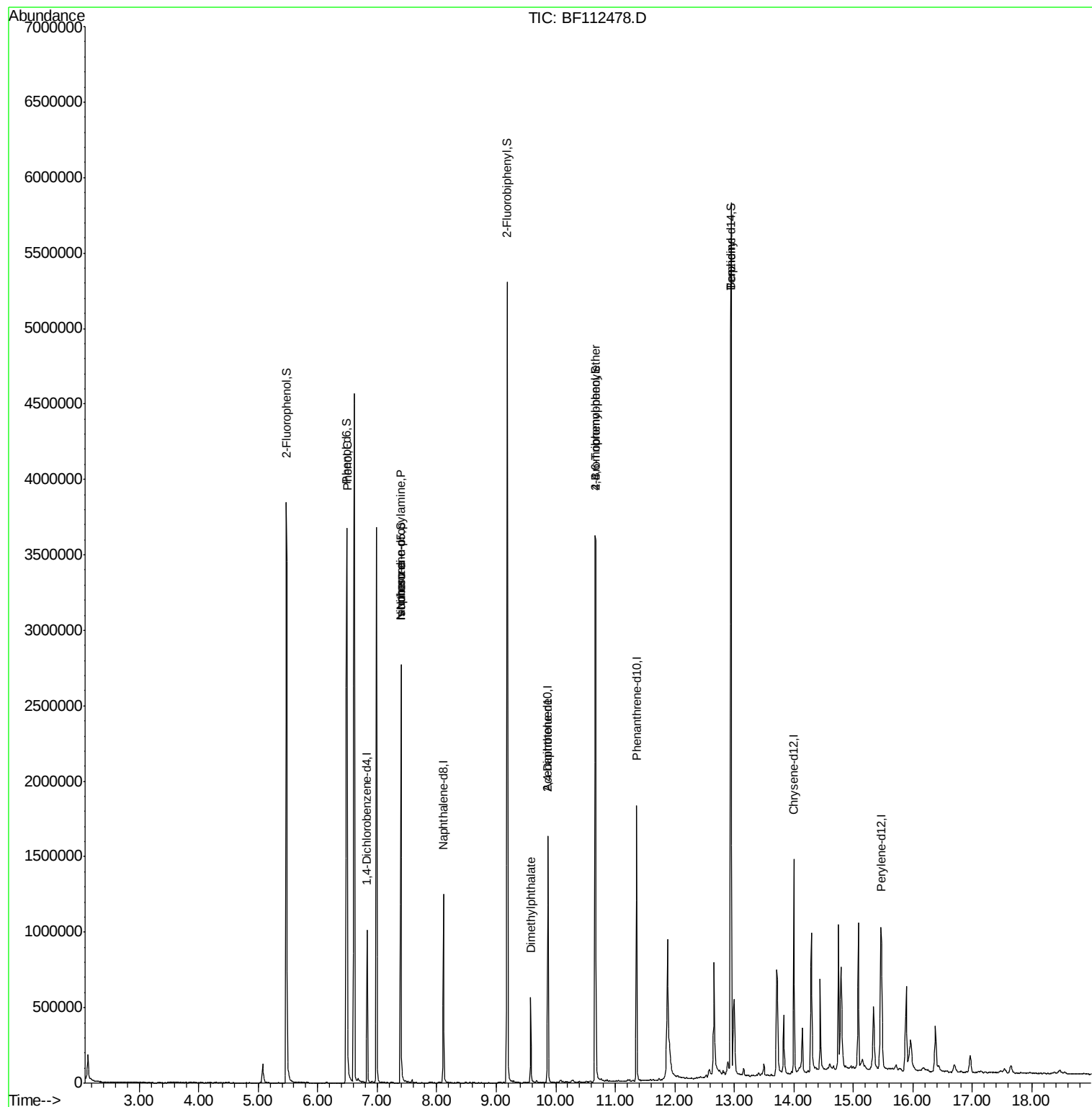
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167280	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	648973	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	327574	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	661020	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	493635	20.00	ng	0.00
87) Perylene-d12	15.47	264	369983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1247262	158.37	ng	0.00
7) Phenol-d6	6.49	99	1578668	144.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	1027687	91.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	554147	145.34	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1943519	83.91	ng	-0.02
79) Terphenyl-d14	12.94	244	2100951	80.16	ng	0.00
Target Compounds						
10) Phenol	6.50	94	103245	8.599	ng	83
19) n-Nitroso-di-n-propylamine	7.40	70	142879	18.935	ng	# 76
25) Isophorone	7.40	82	1027680	58.162	ng	# 63
50) Dimethylphthalate	9.58	163	235686	9.260	ng	99
57) 2,4-Dinitrotoluene	9.87	165	42027	5.792	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	34443	4.430	ng	# 1
77) Benzidine	12.94	184	30514	2.246	ng	97

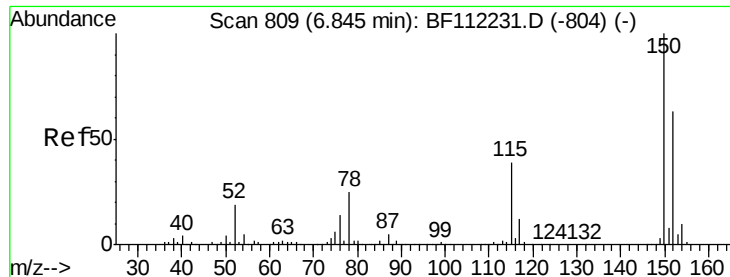
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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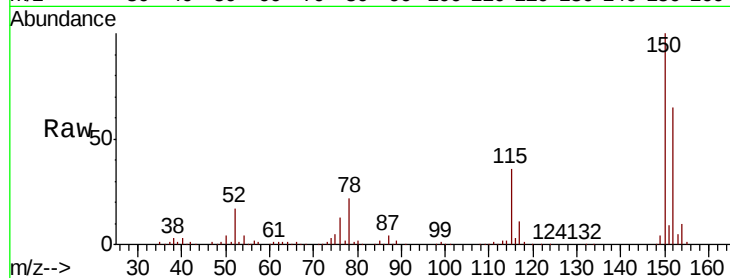


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	56.5	45.5	68.3

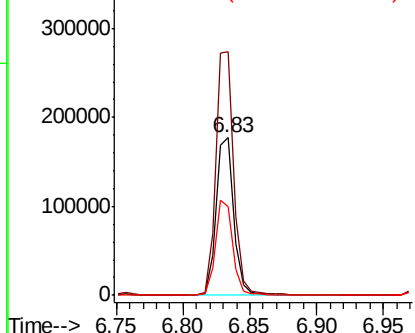
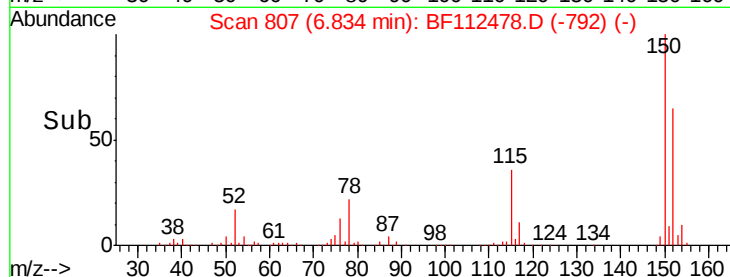


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

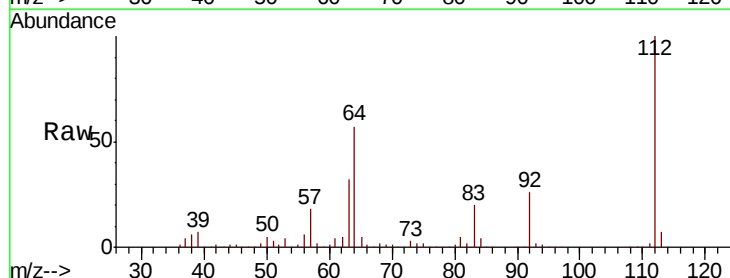
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.373 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.7	68.5
63	31.6	23.6	35.4

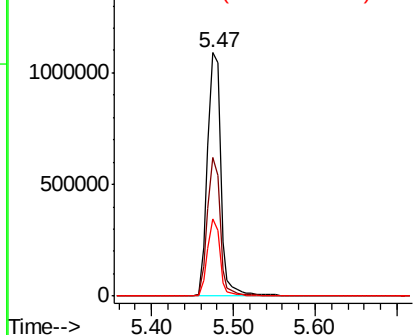
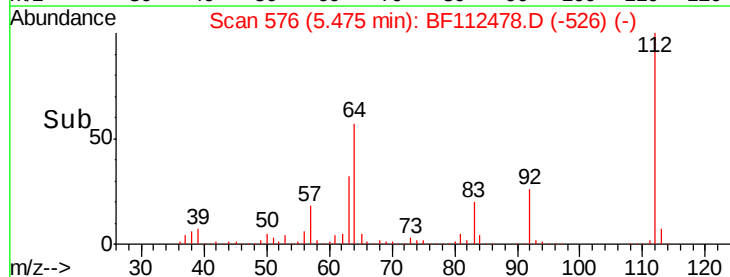


Abundance

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: 144.258 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

Instrument :

BNA_F

ClientSampleId :

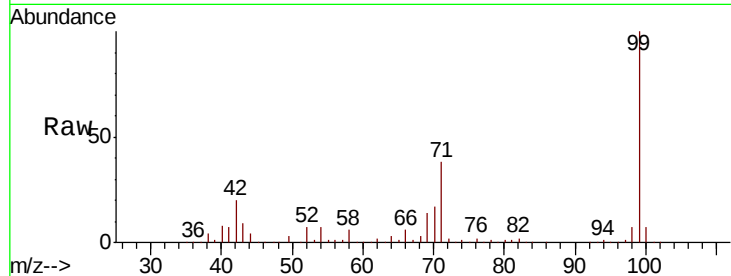
Tot Ion: 99 Resp: 1578668

Ion Ratio Lower Upper

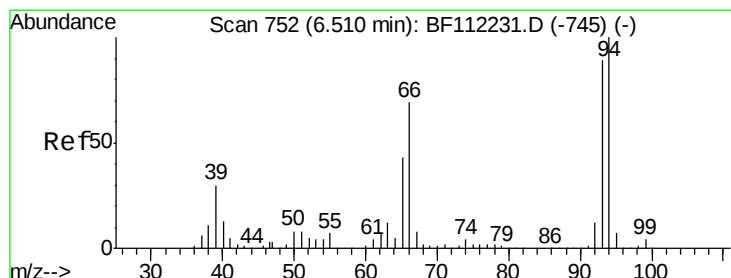
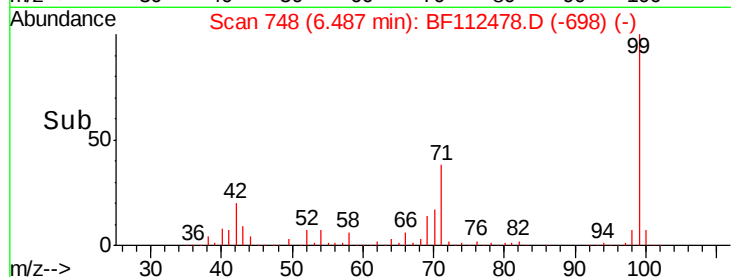
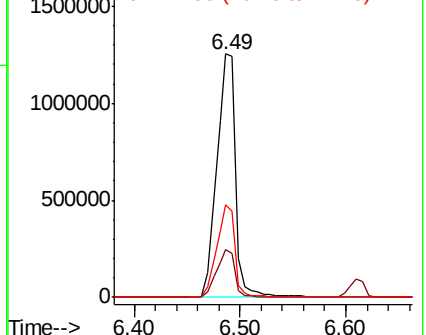
99 100

42 19.7 15.1 22.7

71 37.9 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



#10

Phenol

Concen: 8.599 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

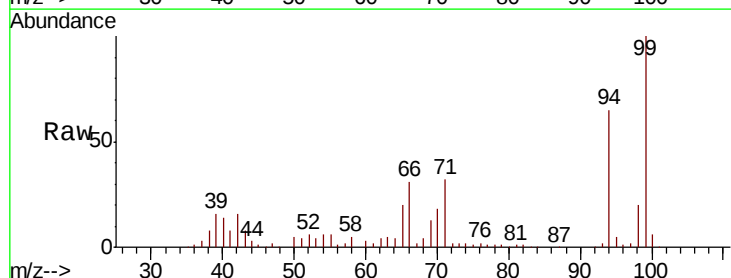
Tgt Ion: 94 Resp: 103245

Ion Ratio Lower Upper

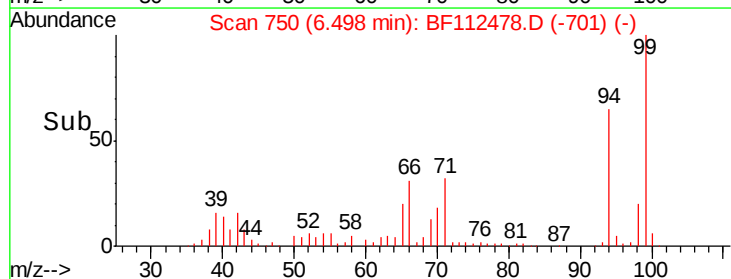
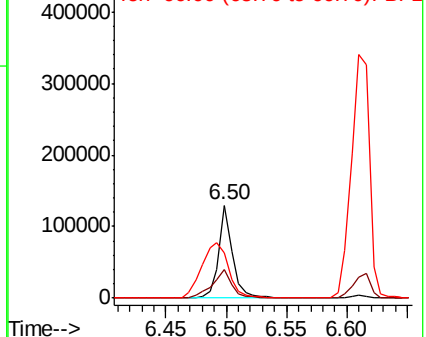
94 100

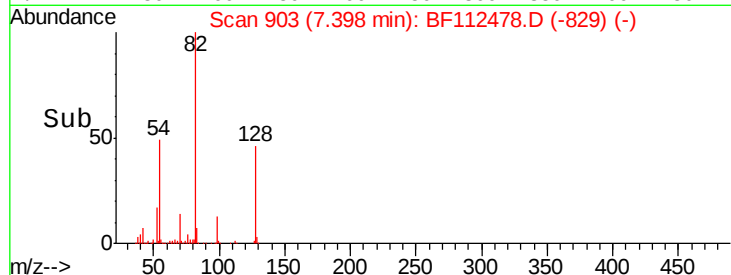
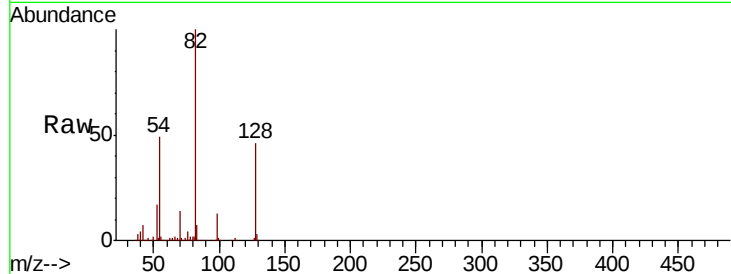
65 30.2 20.3 60.3

66 48.4 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

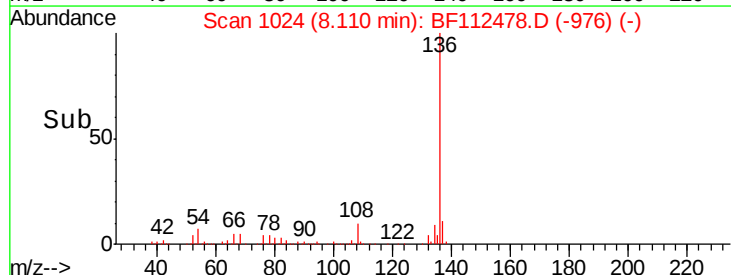
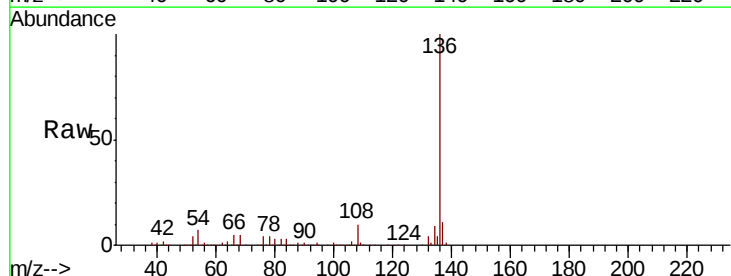
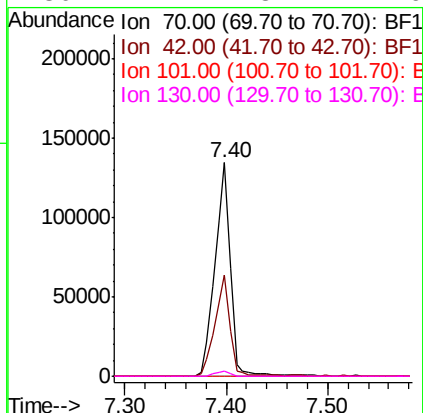




#19
n-Nitroso-di-n-propylamine
Concen: 18.935 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

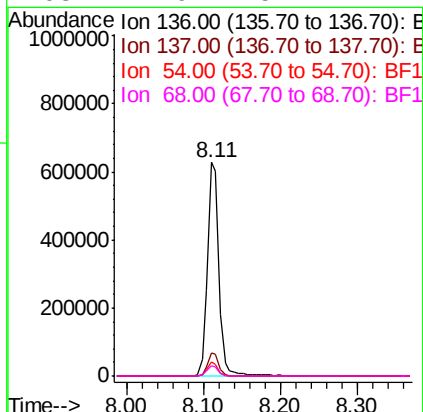
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	142879
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Tgt Ion:	136	Resp:	648973
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	5.9	8.9
68	4.9	5.1	7.7#

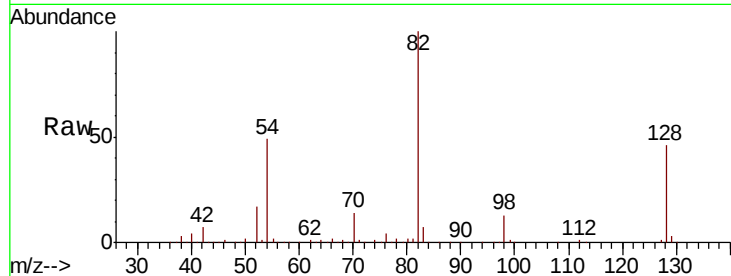




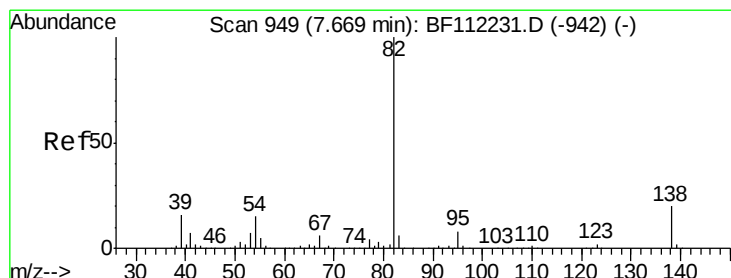
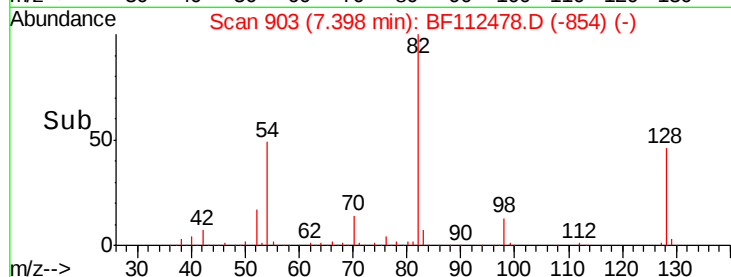
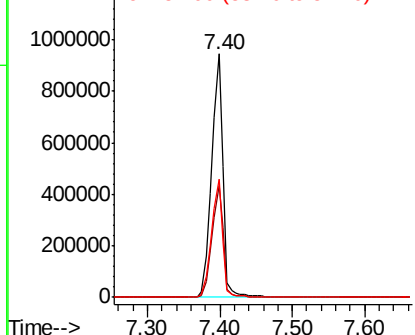
#23
 Nitrobenzene-d5
 Concen: 91.244 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1027687
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.8 56.8
 54 48.5 39.7 59.5

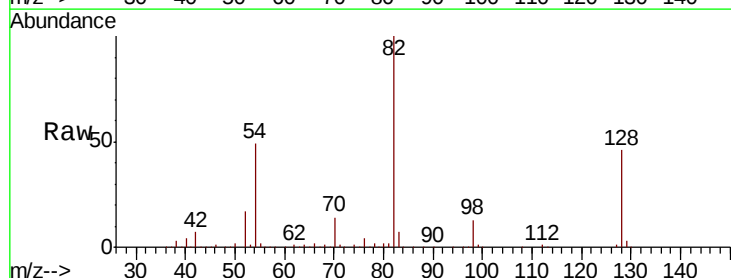


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

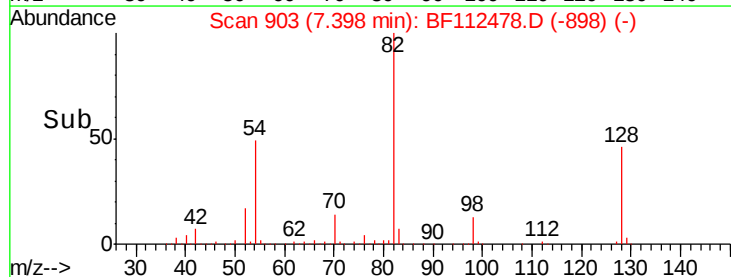
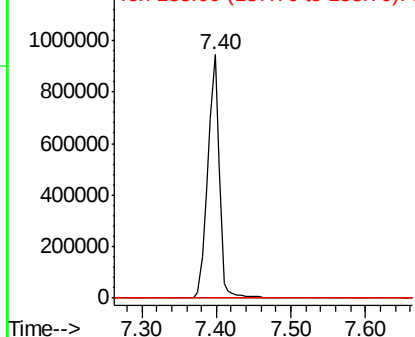


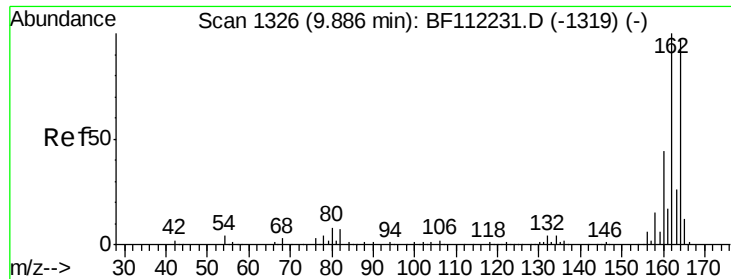
#25
 Isophorone
 Concen: 58.162 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Tgt Ion: 82 Resp: 1027680
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

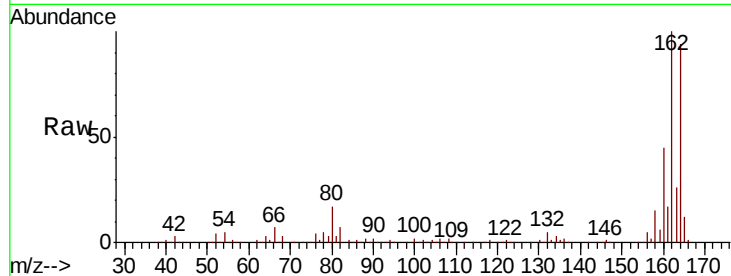




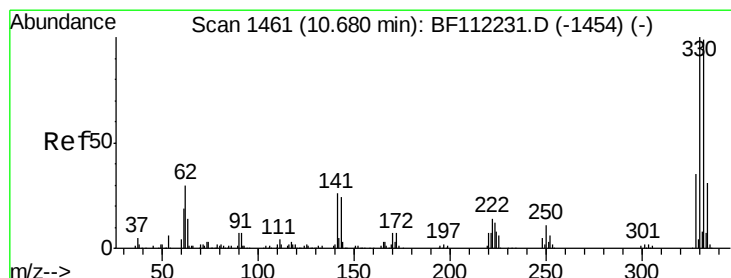
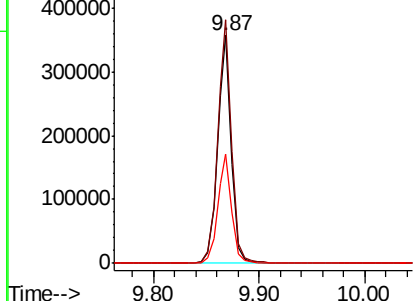
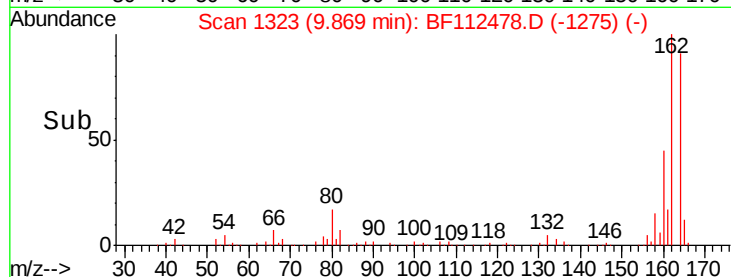
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 327574
Ion Ratio Lower Upper
164 100
162 106.7 82.2 123.4
160 47.8 36.2 54.4

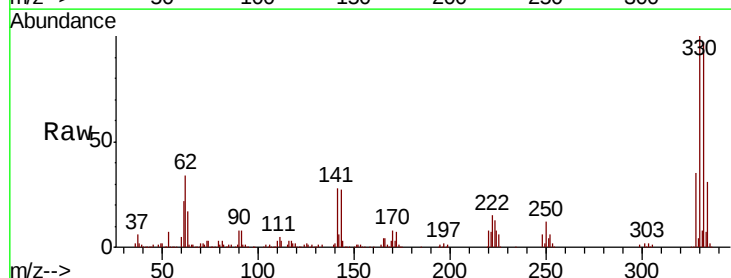


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

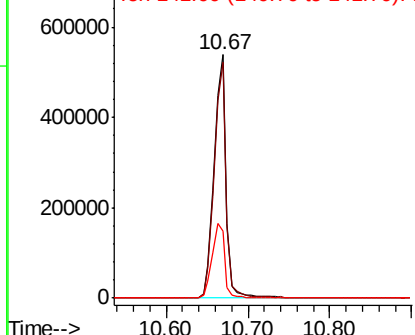
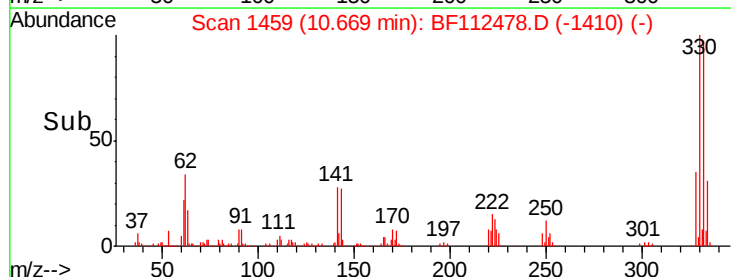


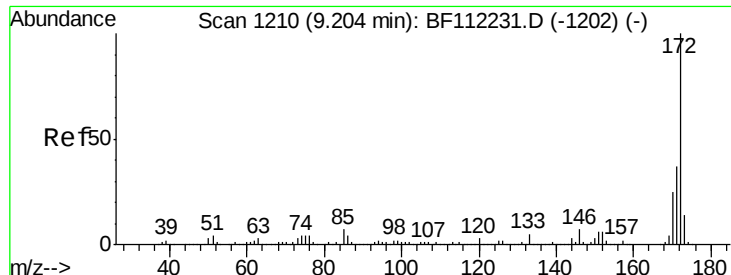
#42
2,4,6-Tribromophenol
Concen: 145.336 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Tgt Ion:330 Resp: 554147
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 32.7 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



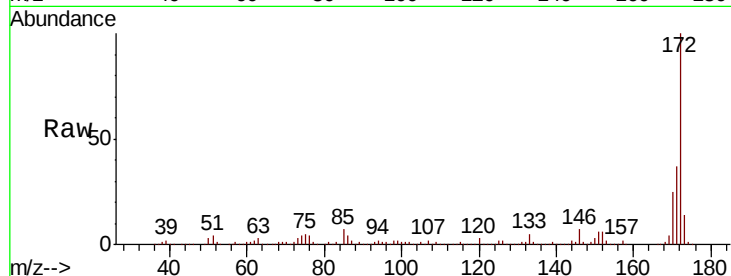


#45
 2-Fluorobiphenyl
 Concen: 83.914 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

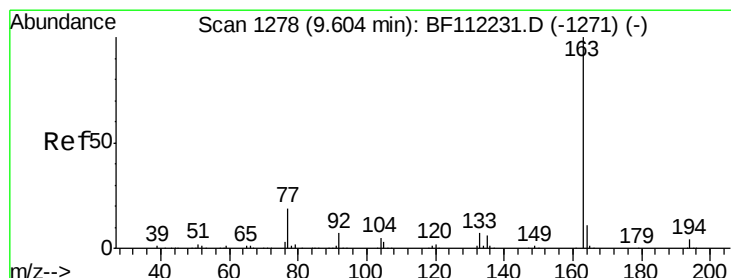
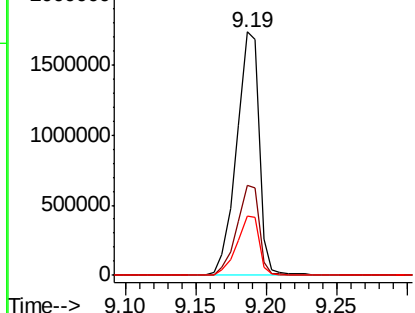
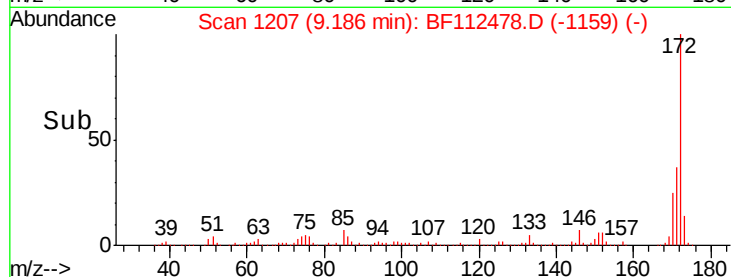
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1943519

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4



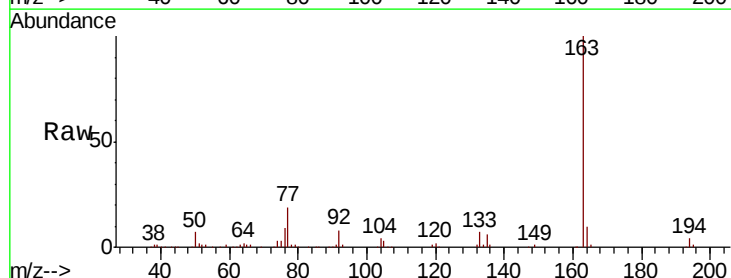
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



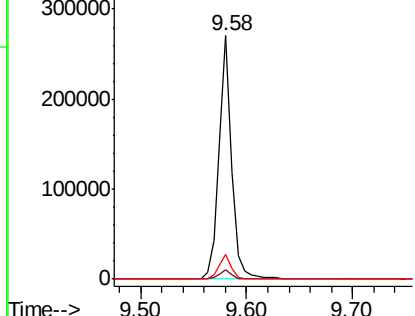
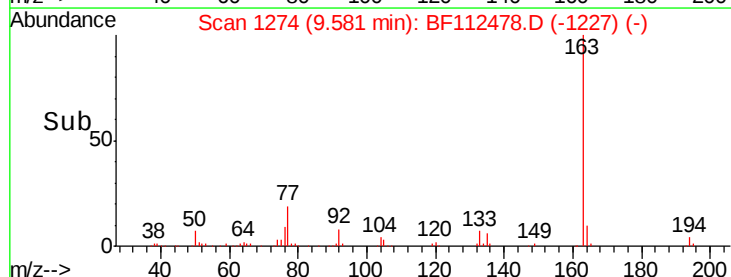
#50
 Dimethylphthalate
 Concen: 9.260 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Tgt Ion:163 Resp: 235686

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.5	12.7



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

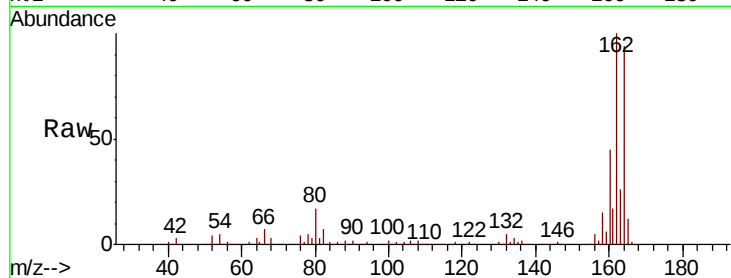




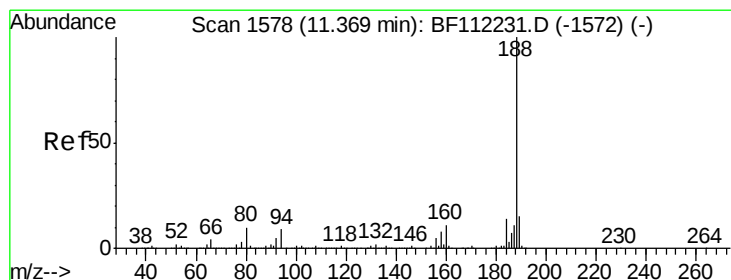
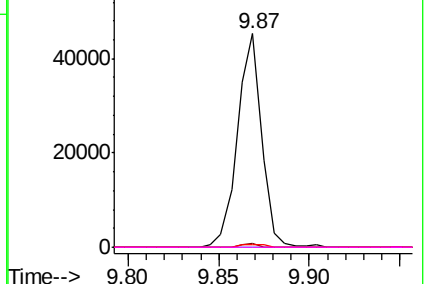
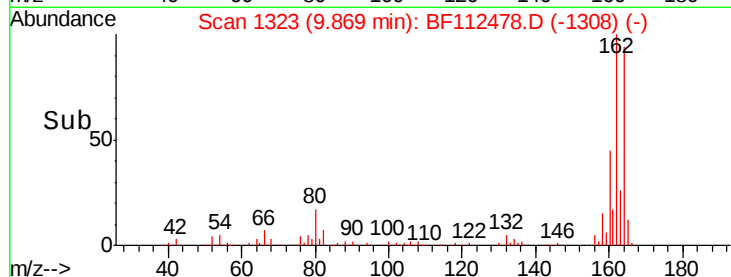
#57
 2,4-Dinitrotoluene
 Concen: 5.792 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	42027
Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#

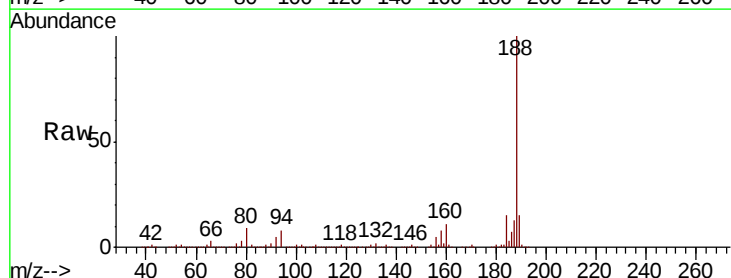


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

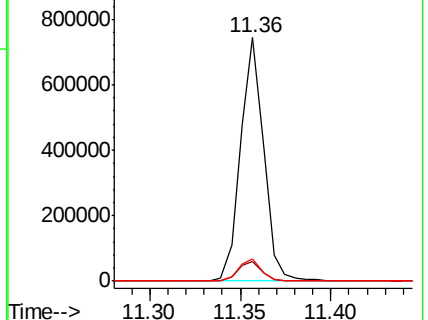
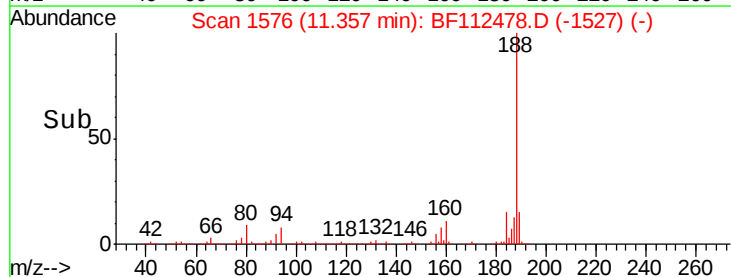


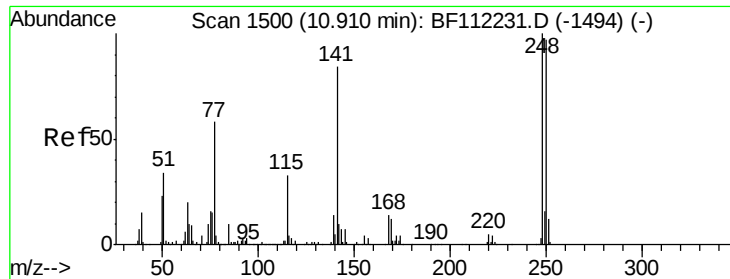
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Tgt Ion:	188	Resp:	661020
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	9.0	8.9	13.3



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





#67

4-Bromophenyl-phenylether

Concen: 4.430 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.24 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

Instrument :

BNA_F

ClientSampleId :

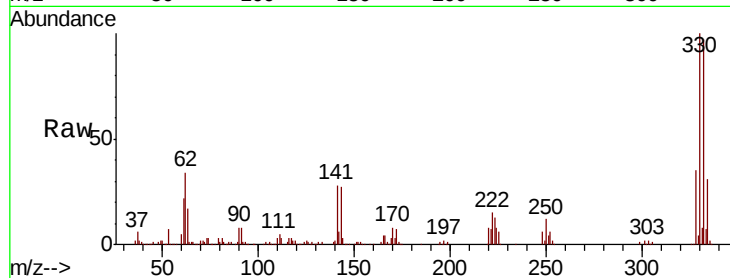
Tot Ion:248 Resp: 34443

Ion Ratio Lower Upper

248 100

250 198.4 79.7 119.5#

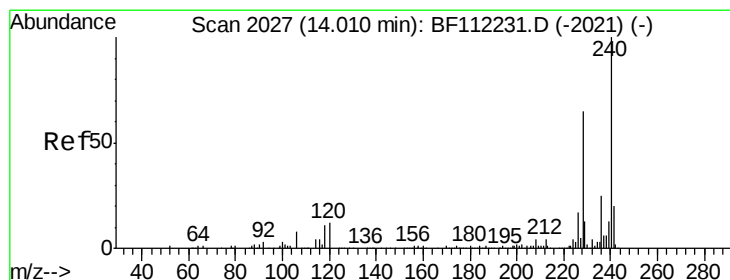
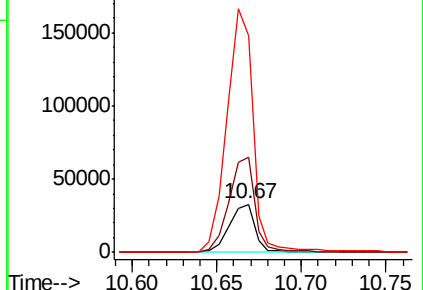
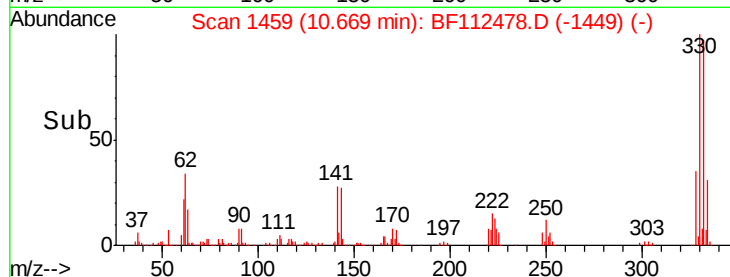
141 452.8 60.3 90.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

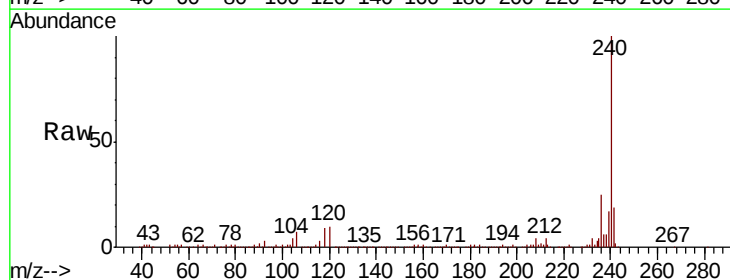
Tgt Ion:240 Resp: 493635

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

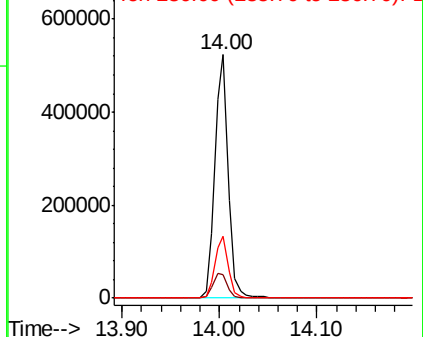
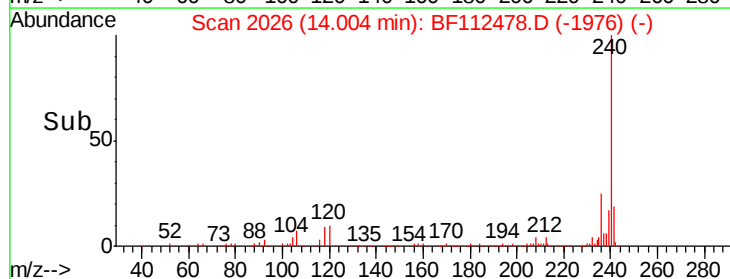
236 25.2 20.7 31.1

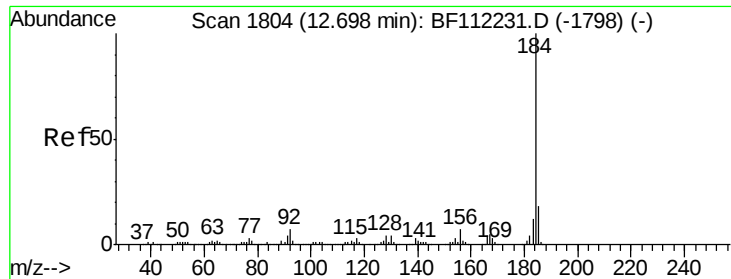


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.246 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.25 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

Instrument :

BNA_F

ClientSampleId :

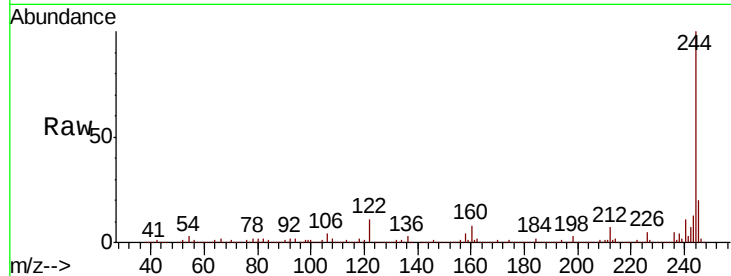
Tot Ion:184 Resp: 30514

Ion Ratio Lower Upper

184 100

185 16.6 13.9 20.9

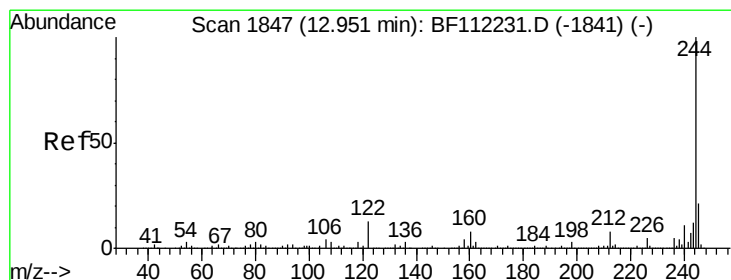
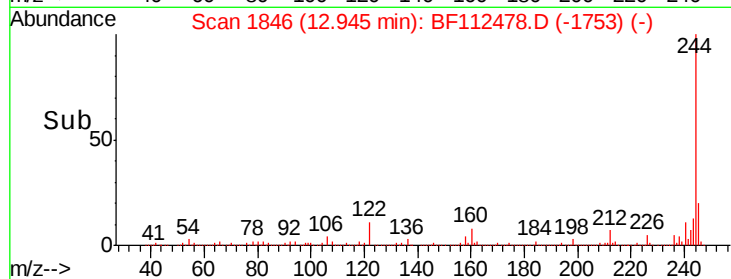
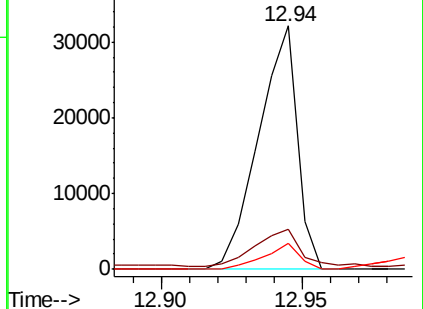
183 10.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.161 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112478.D

Acq: 11 Feb 2019 14:07

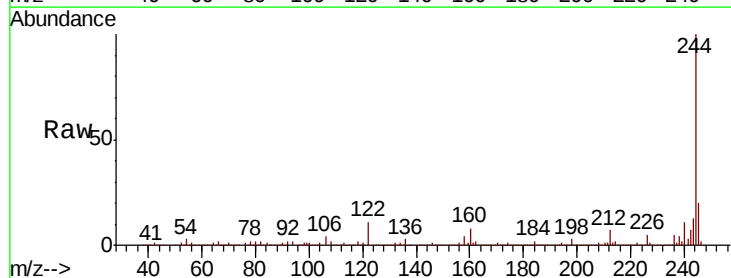
Tgt Ion:244 Resp: 2100951

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

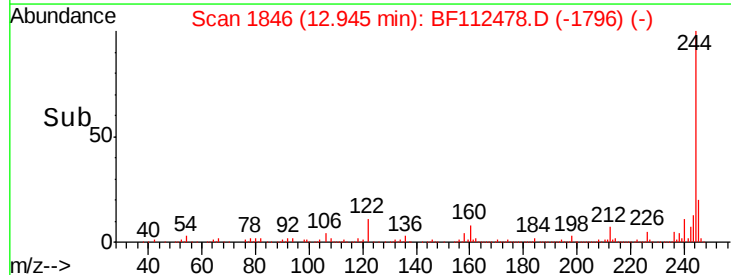
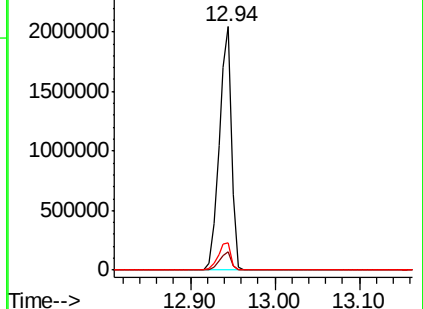
122 11.2 9.8 14.6

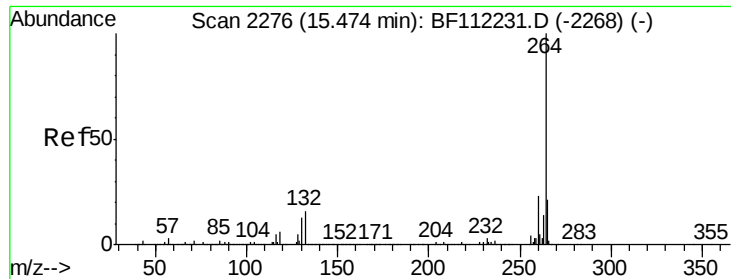


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

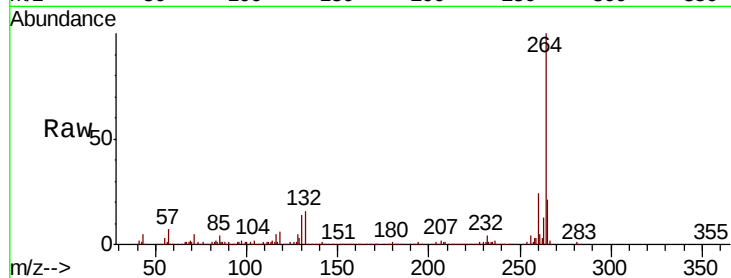




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.0	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

