

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 :
 M-8-D

Quant Time: Feb 11 17:03:05 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

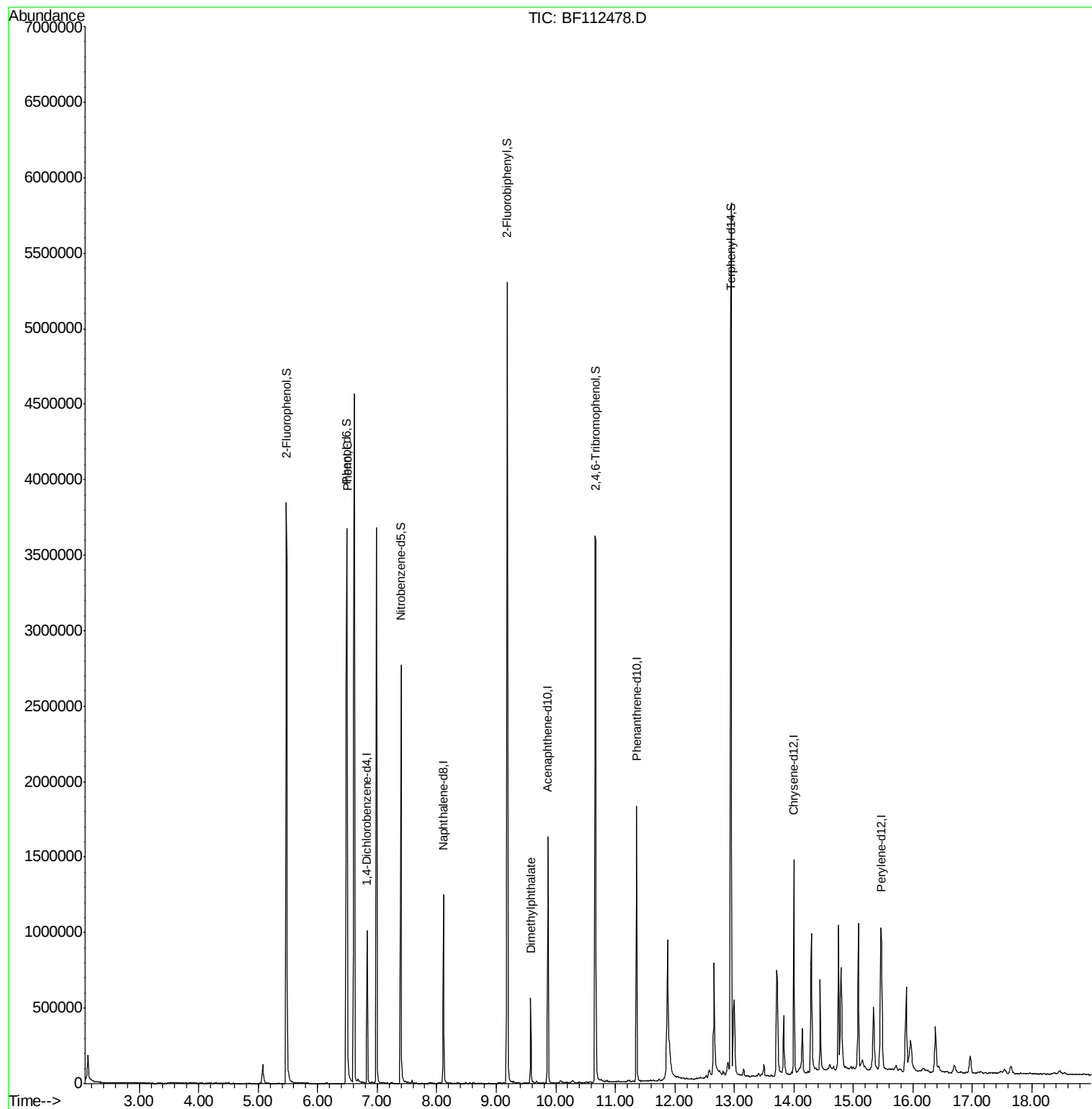
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167280	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	648973	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	327574	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	661020	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	493635	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
50) Dimethylphthalate	9.58	163	235686	9.260	ng	99

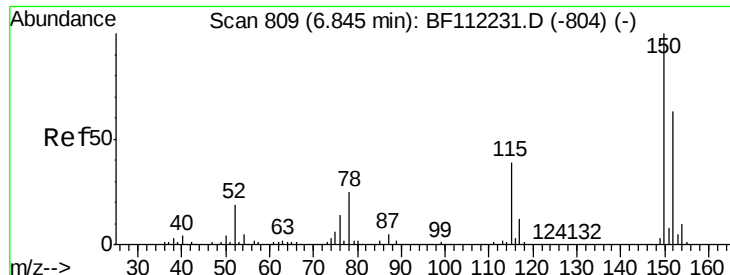
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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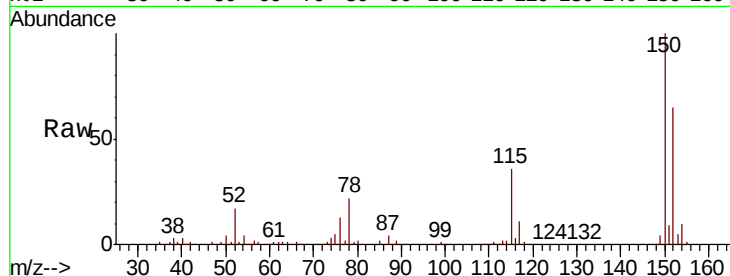


#1

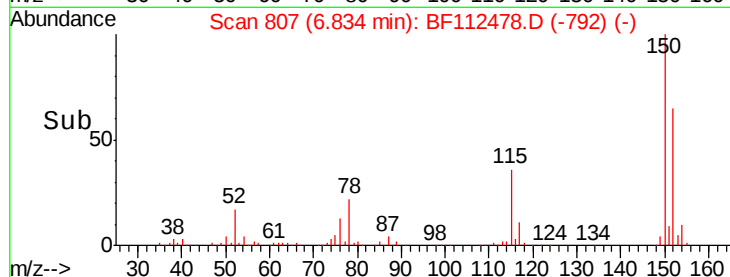
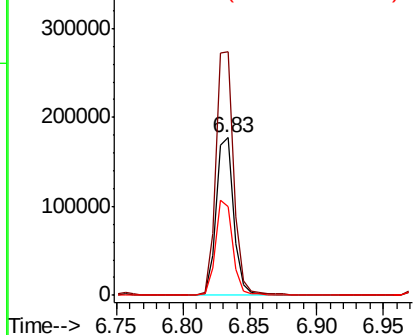
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :
M-8-D

Tot Ion:152 Resp: 167280
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 56.5 45.5 68.3



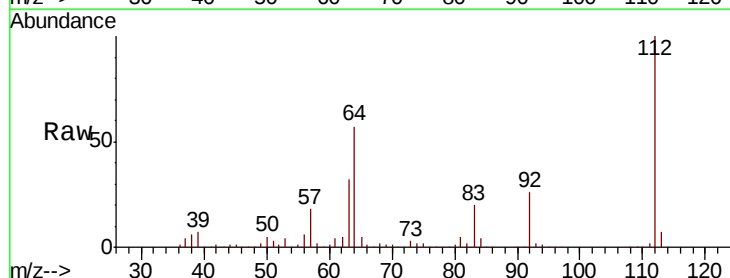
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



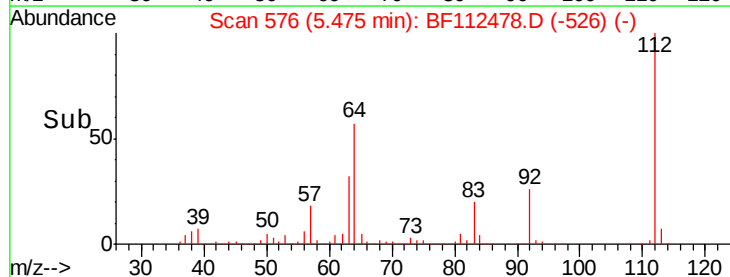
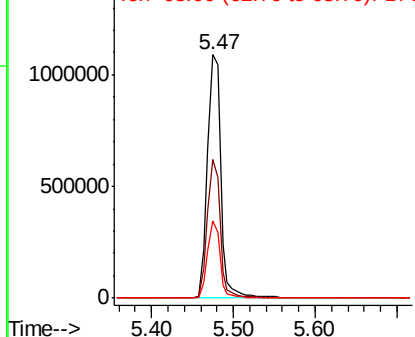
#5

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:112 Resp: 1247262
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 :

M-8-D

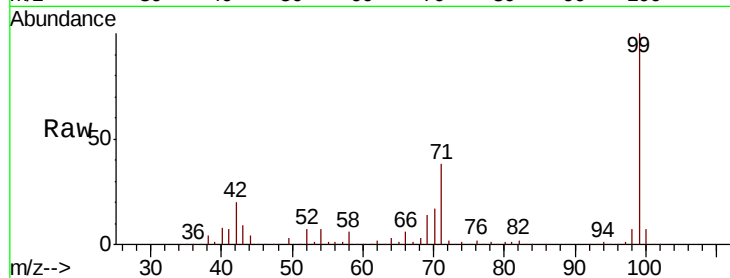
Tot Ion: 99 Resp: 1578668

Ion Ratio Lower Upper

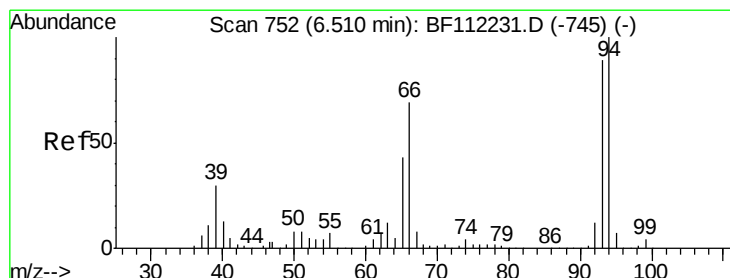
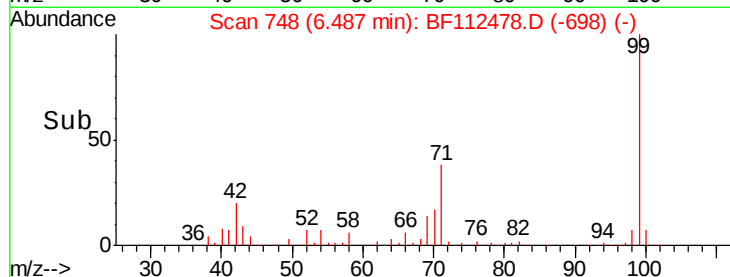
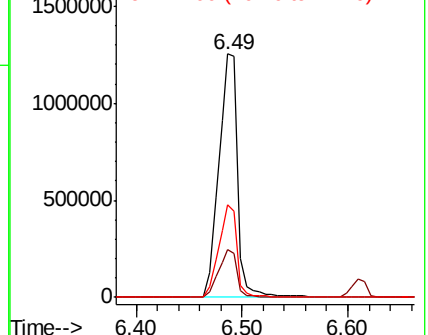
99 100

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

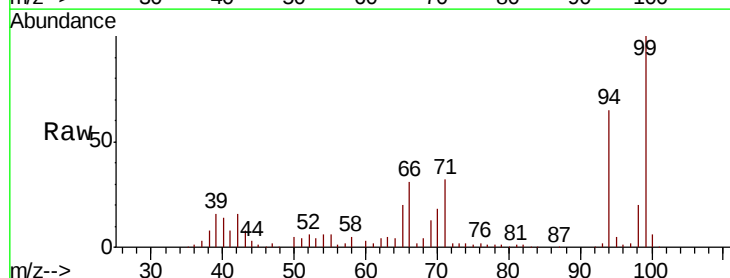
Tgt Ion: 94 Resp: 103245

Ion Ratio Lower Upper

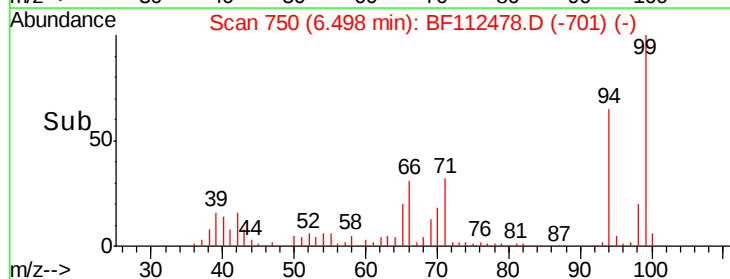
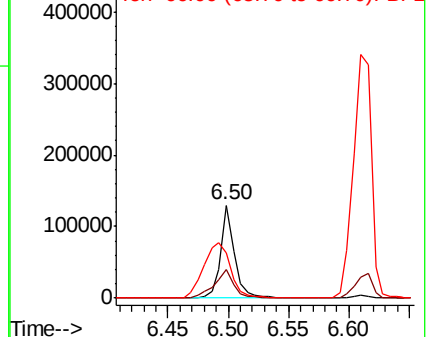
94 100

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





#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

Instrument :

BNA_F

ClientSampleId :

M-8-D

Tot Ion:136 Resp: 648973

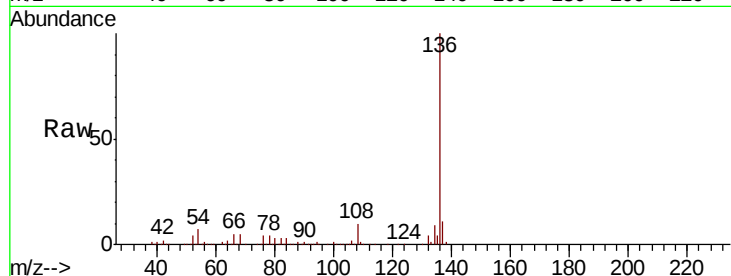
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 4.9 5.1 7.7#

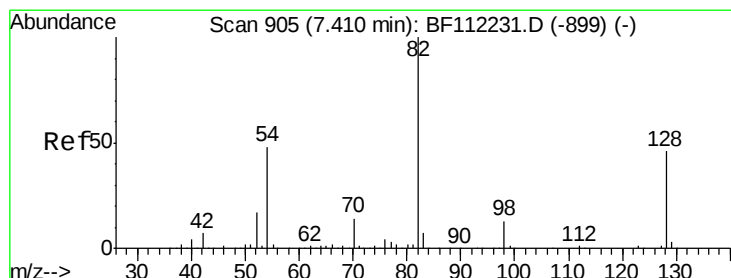
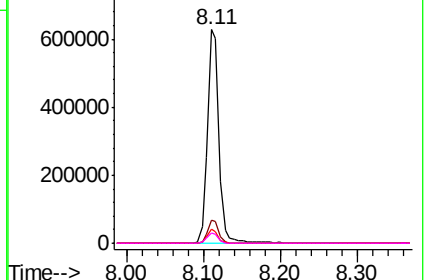
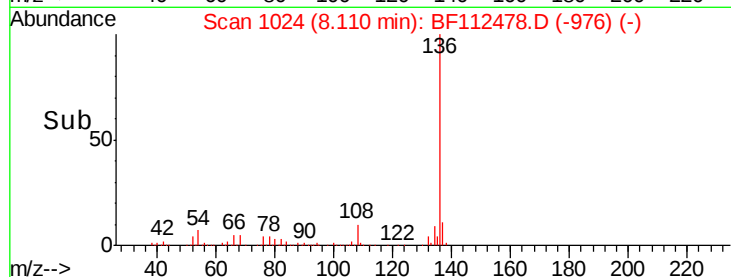


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

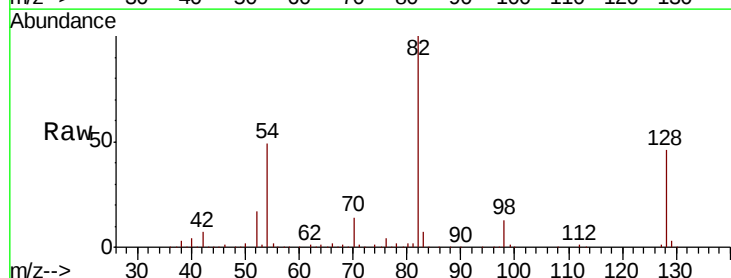
Tgt Ion: 82 Resp: 1027687

Ion Ratio Lower Upper

82 100

128 45.8 37.8 56.8

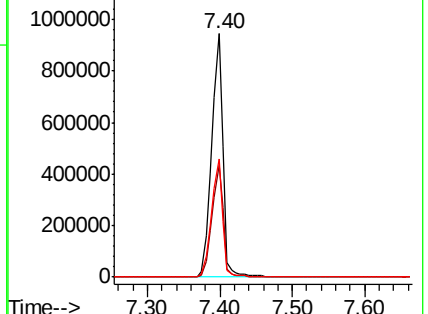
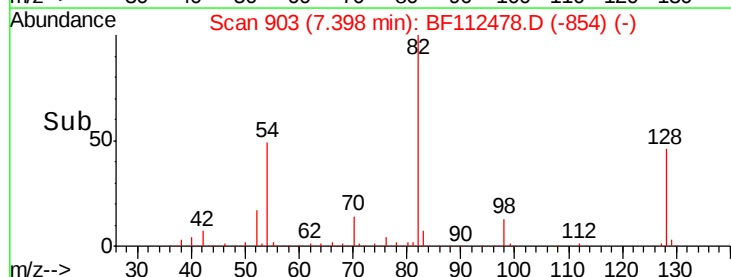
54 48.5 39.7 59.5

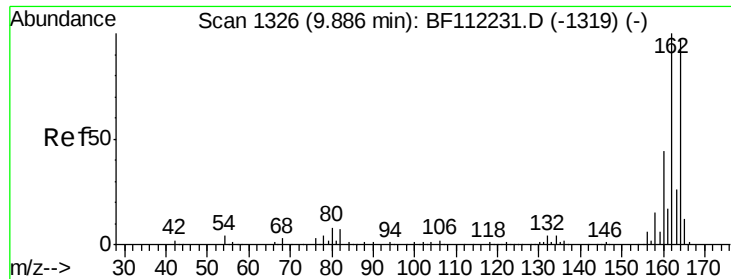


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

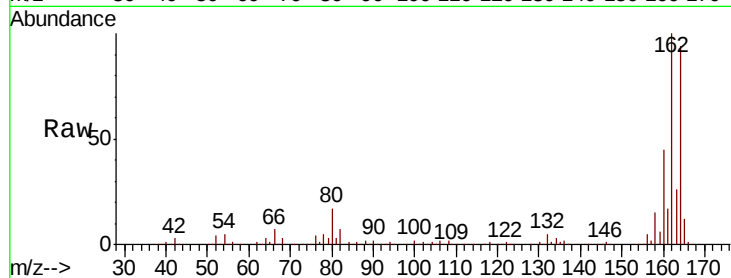




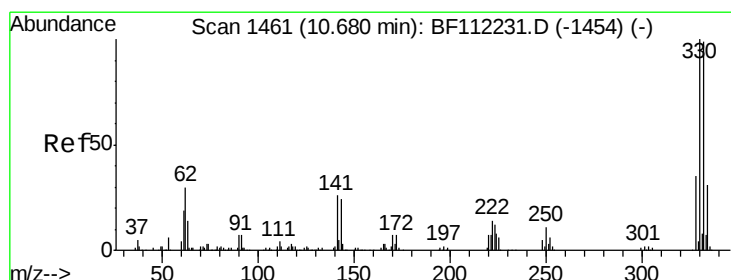
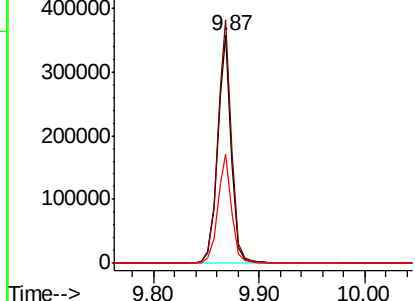
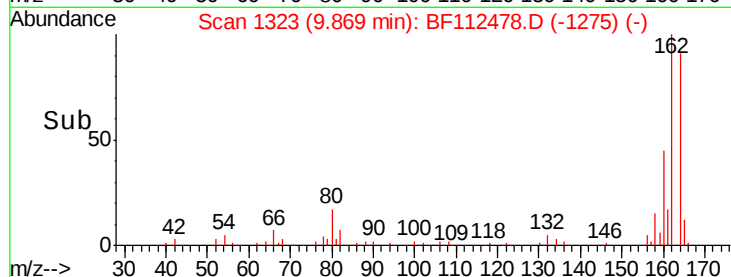
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :
M-8-D

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

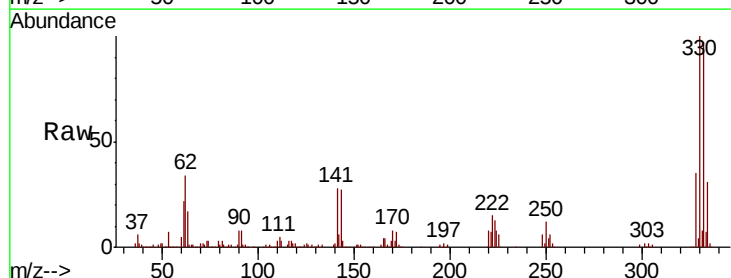


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

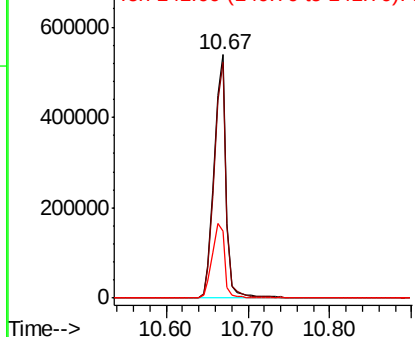
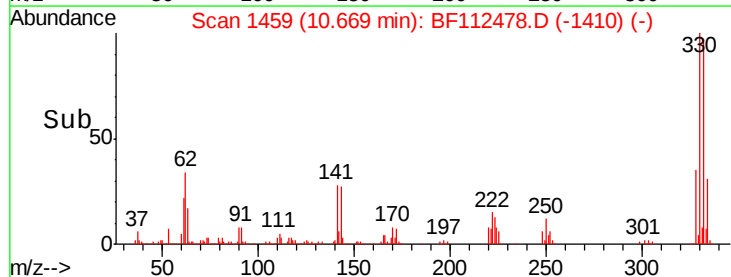


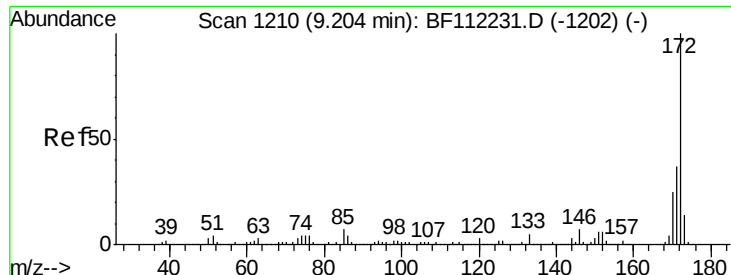
#42
2,4,6-Tribromophenol
Concen: 145.336 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

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



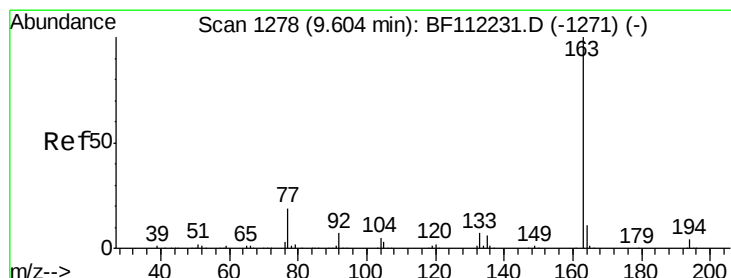
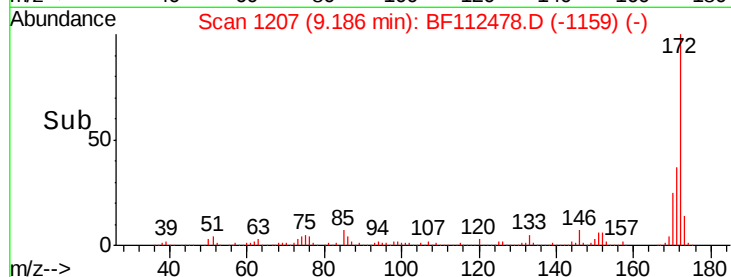
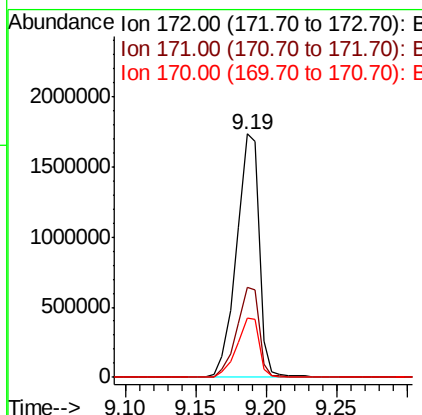
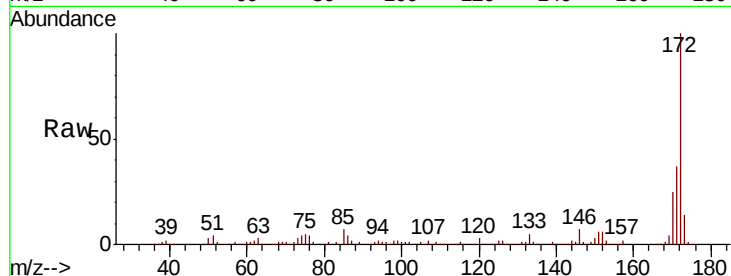


#45
 2-Fluorobiphenyl
 Concen: 83.914 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 M-8-D

Tot Ion:172 Resp: 1943519

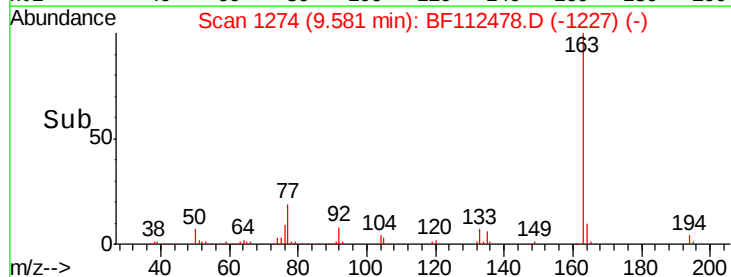
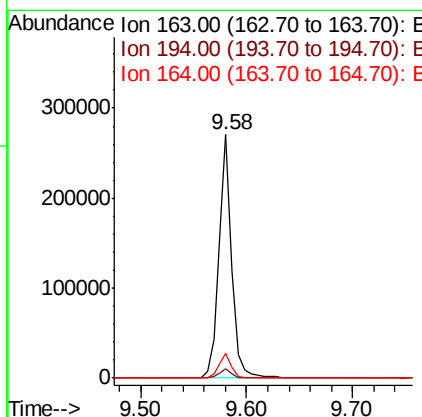
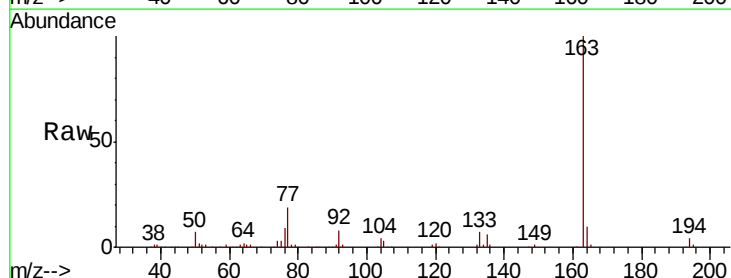
Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.5	20.2	30.4



#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

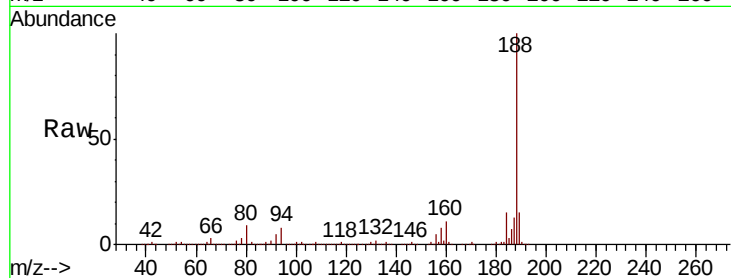




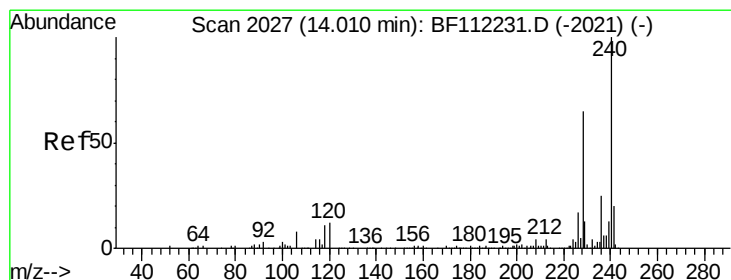
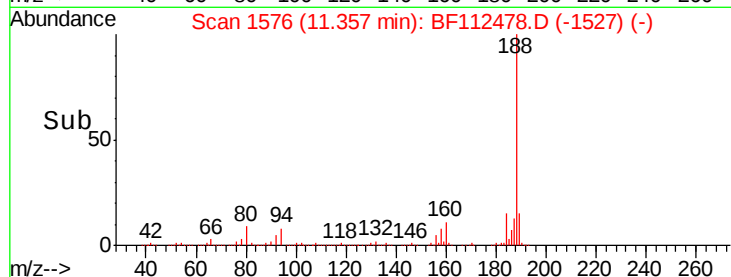
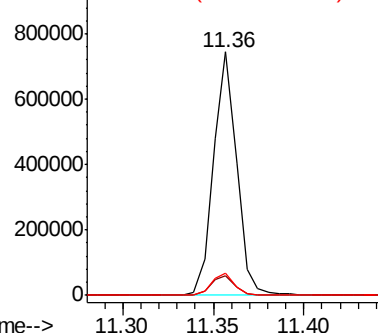
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

Instrument :
BNA_F
ClientSampleId :
M-8-D

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

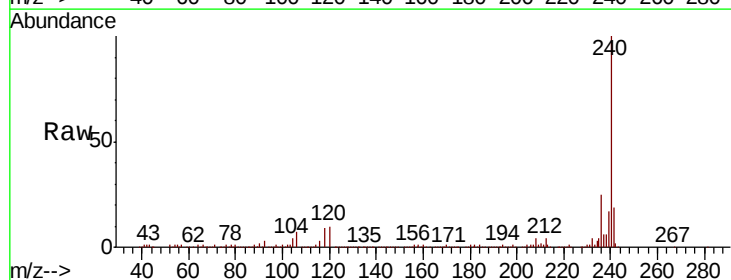


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

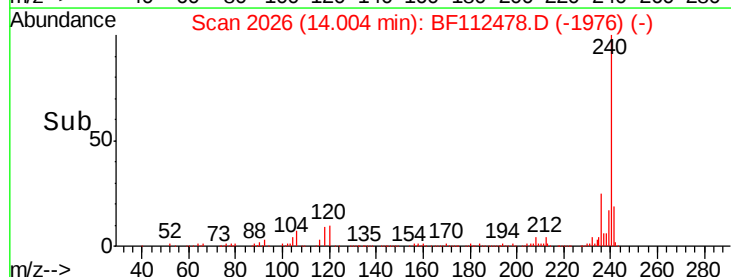
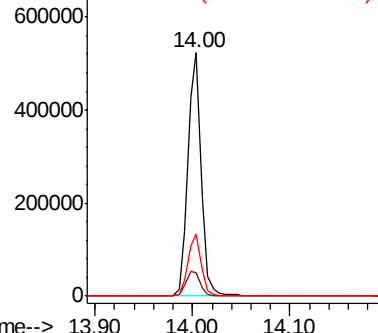


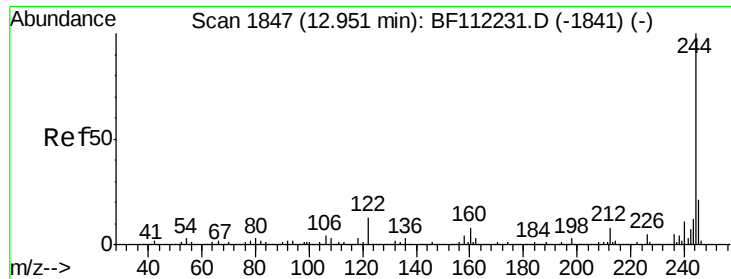
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112478.D
Acq: 11 Feb 2019 14:07

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

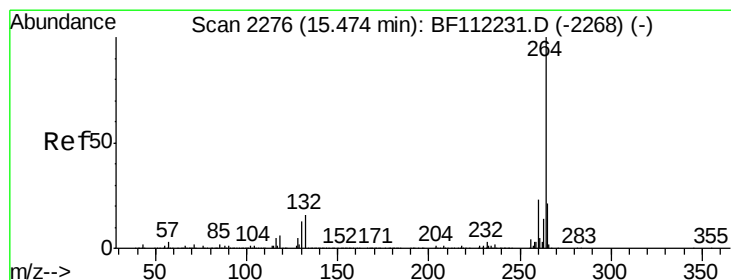
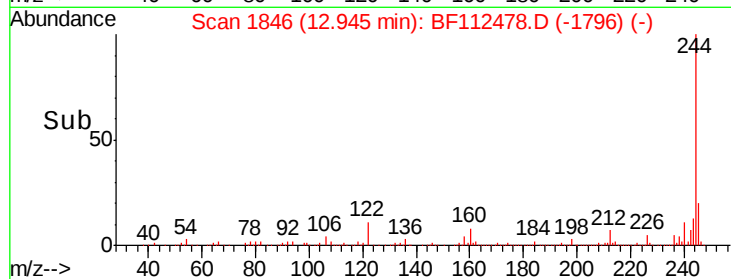
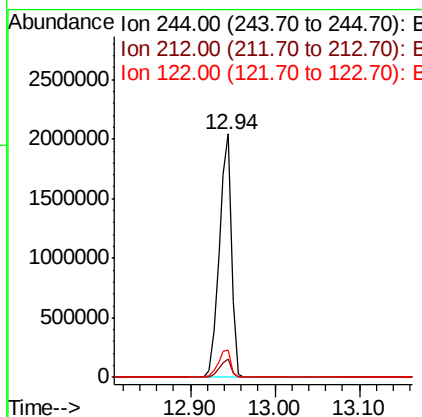
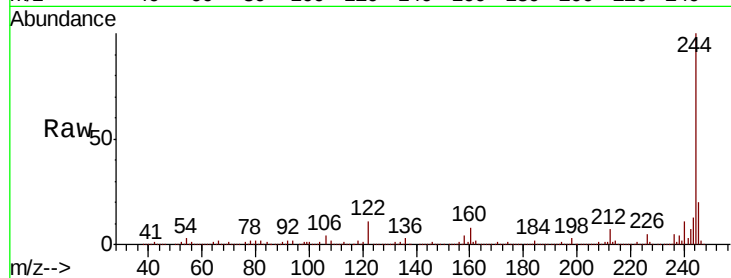




#79
 Terphenyl-d14
 Concen: 80.161 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112478.D
 Acq: 11 Feb 2019 14:07

Instrument :
 BNA_F
 ClientSampled :
 M-8-D

Tot Ion:244 Resp: 2100951
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.2 9.8 14.6



#87
 Perylene-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

Tgt Ion:264 Resp: 369983
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 21.0 17.0 25.4

