

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112447.D
 Acq On : 7 Feb 2019 19:22
 Operator : JU/SJ
 Sample : K1390-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(0-2)

Quant Time: Feb 09 03:14:27 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

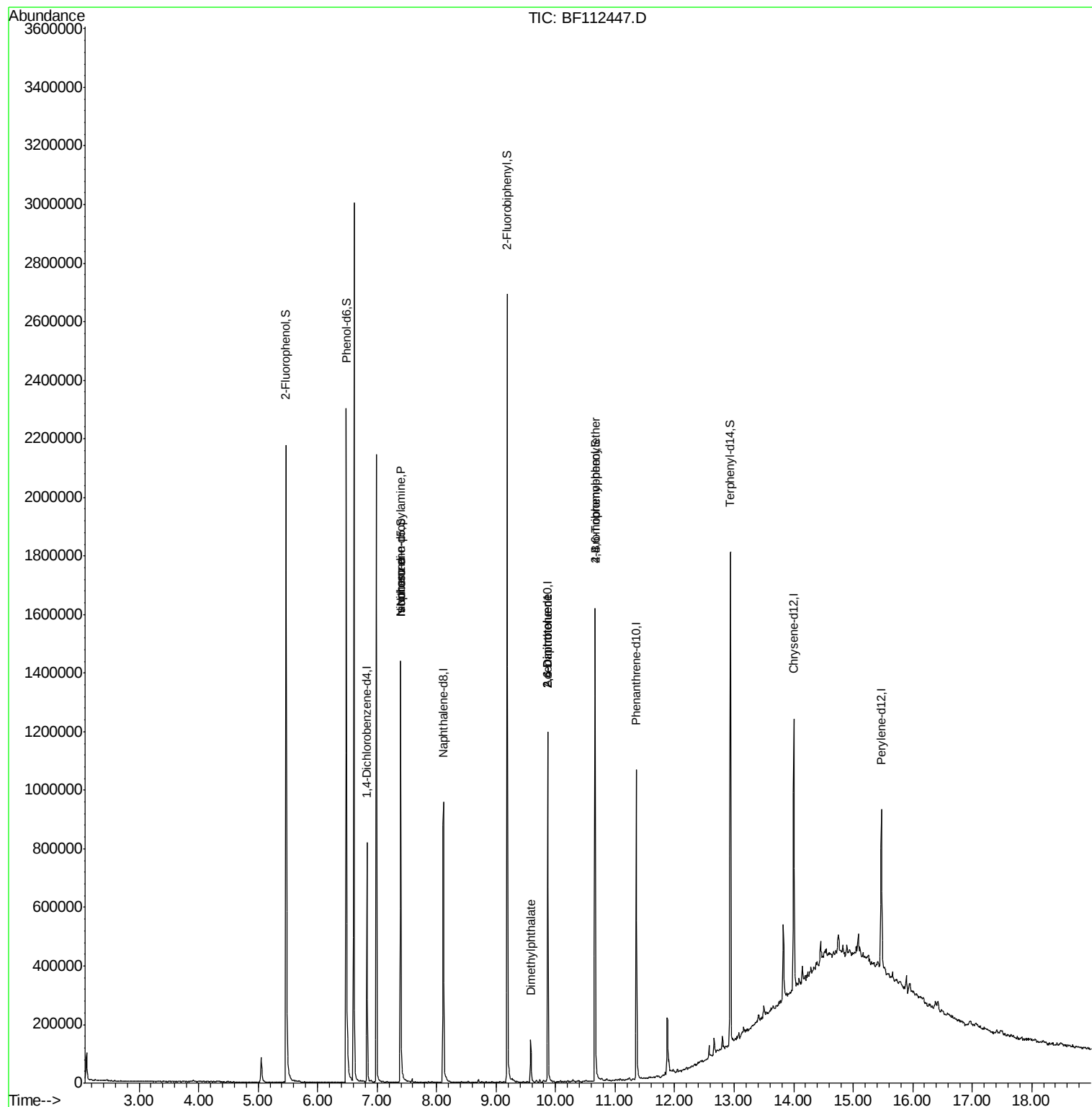
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	130411	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	502916	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	232352	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	393144	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	300625	20.00	ng	0.00
87) Perylene-d12	15.47	264	266058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	678033	110.43	ng	-0.01
7) Phenol-d6	6.48	99	854265	100.13	ng	-0.01
23) Nitrobenzene-d5	7.40	82	519488	59.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	217479	80.41	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	817942	49.79	ng	-0.02
79) Terphenyl-d14	12.94	244	609958	38.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	69968	11.894	ng	# 80
25) Isophorone	7.40	82	519485	37.939	ng	# 63
50) Dimethylphthalate	9.58	163	64261	3.560	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	28965	7.164	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	28965	5.627	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13352	2.888	ng	# 1

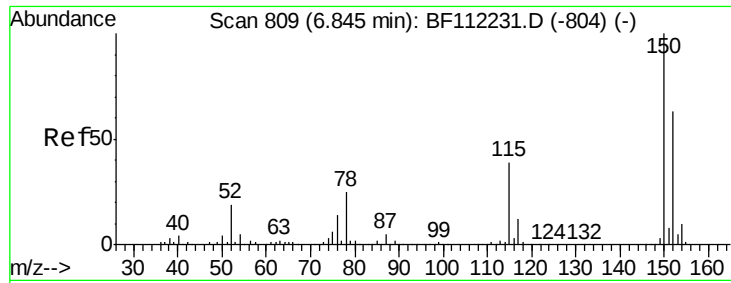
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112447.D
Acq On : 7 Feb 2019 19:22
Operator : JU/SJ
Sample : K1390-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-2)

Quant Time: Feb 09 03:14:27 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



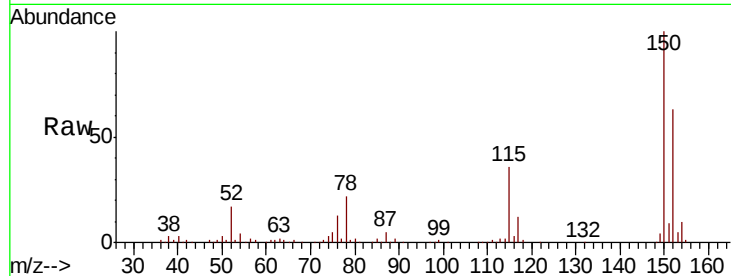


#1

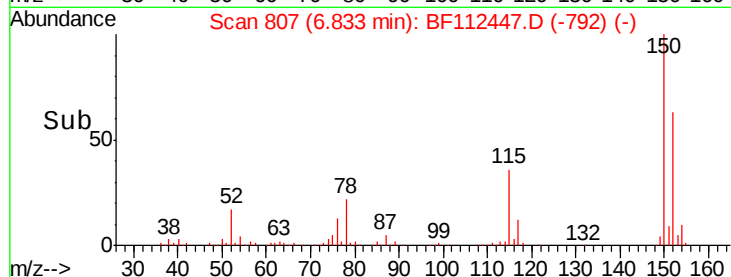
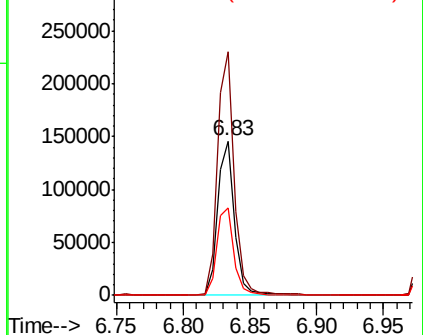
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112447.D
Acq: 7 Feb 2019 19:22

Instrument :
BNA_F
ClientSampleId :
SB-06(0-2)

Tot Ion:152 Resp: 130411
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 56.7 45.5 68.3



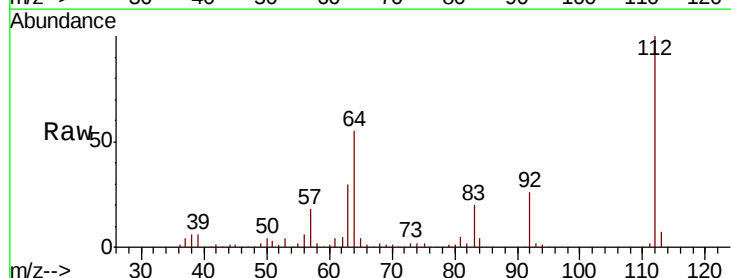
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



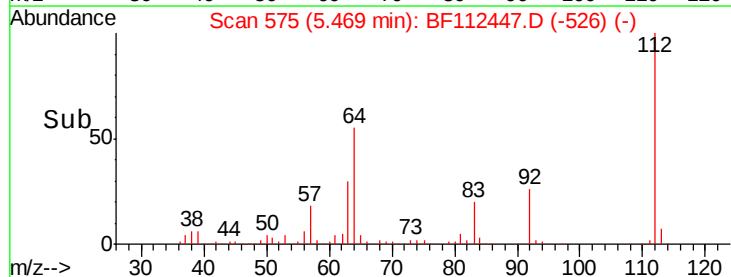
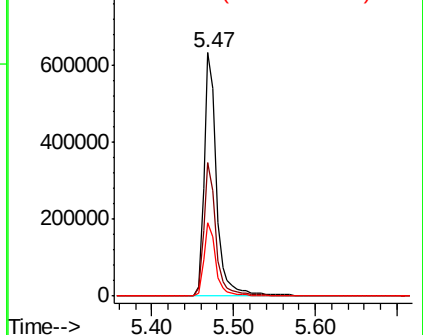
#5

2-Fluorophenol
Concen: 110.434 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112447.D
Acq: 7 Feb 2019 19:22

Tgt Ion:112 Resp: 678033
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 29.9 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: 100.132 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SB-06(0-2)

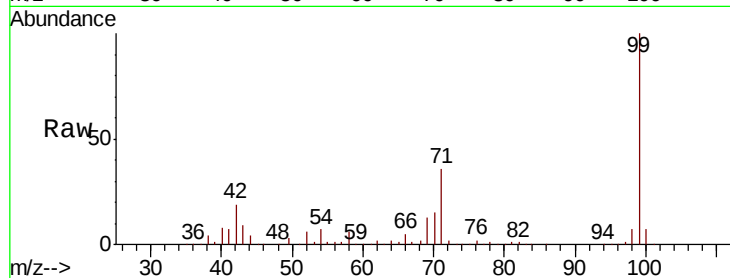
Tot Ion: 99 Resp: 854265

Ion Ratio Lower Upper

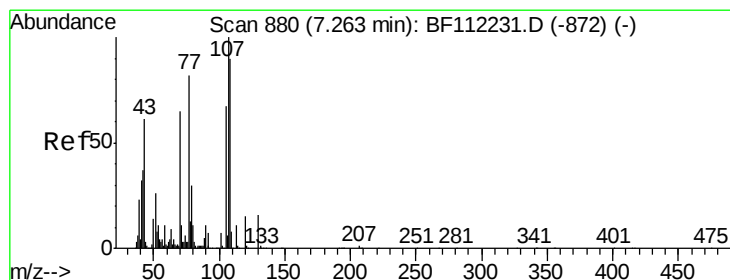
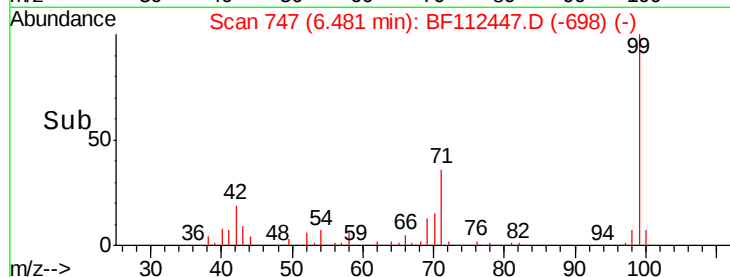
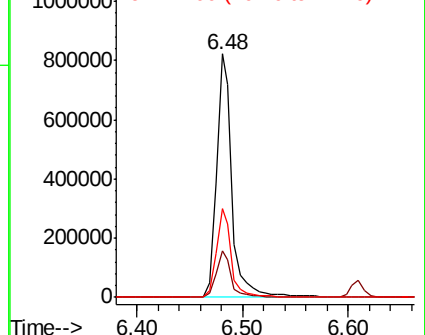
99 100

42 19.0 15.1 22.7

71 36.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.894 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Tgt Ion: 70 Resp: 69968

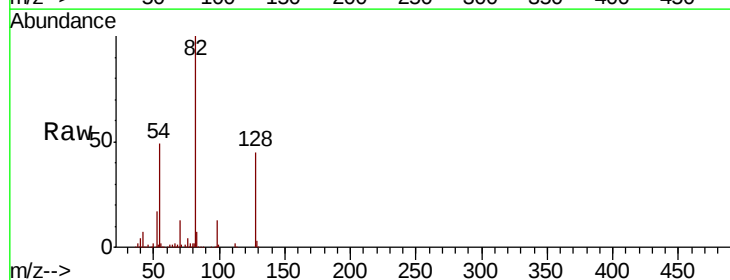
Ion Ratio Lower Upper

70 100

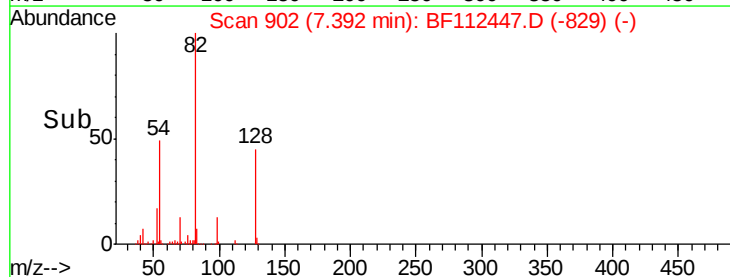
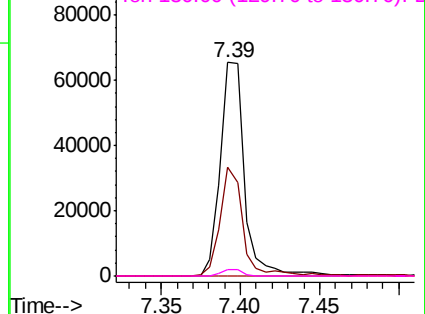
42 51.0 47.6 71.4

101 0.0 7.9 11.9#

130 2.9 18.4 27.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

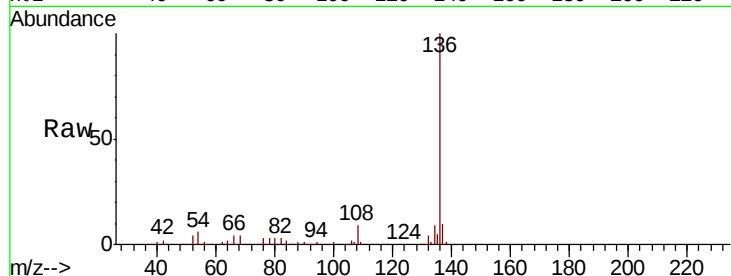




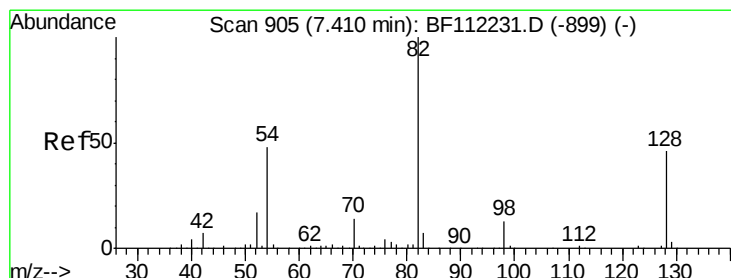
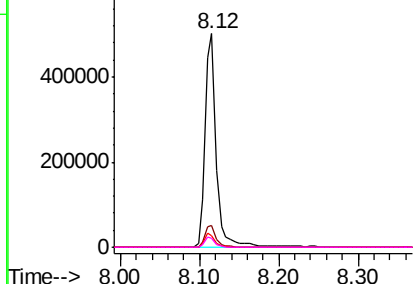
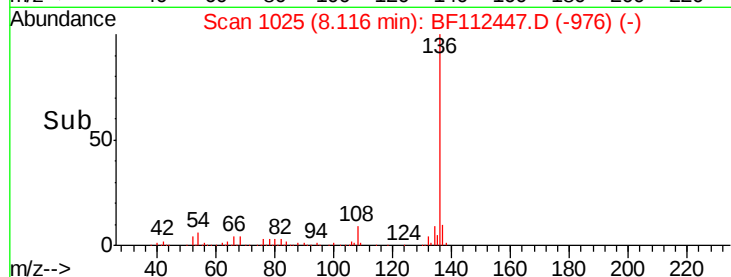
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112447.D
Acq: 7 Feb 2019 19:22

Instrument :
BNA_F
ClientSampleId :
SB-06(0-2)

Tot Ion:136	Resp:	502916
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	5.5	5.9 8.9#
68	4.3	5.1 7.7#

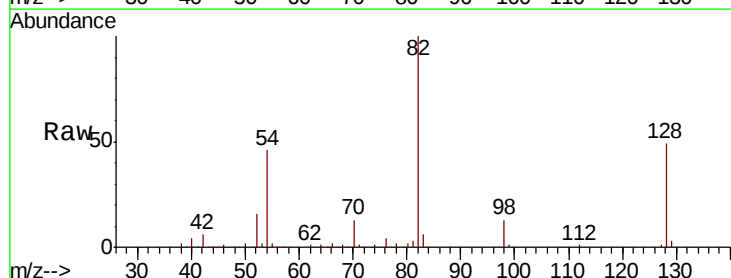


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

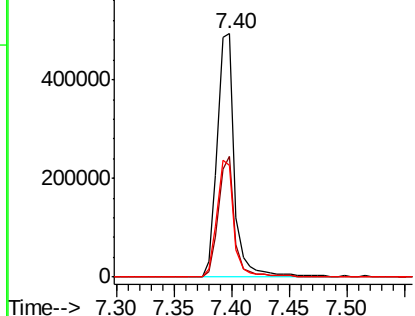
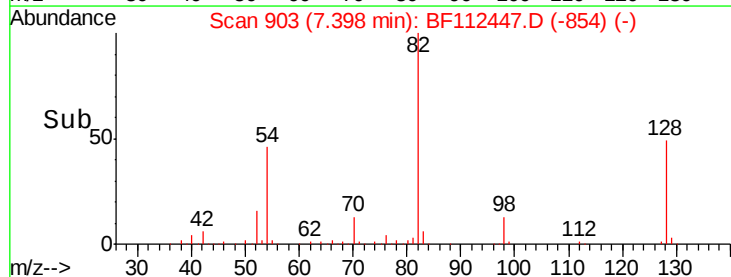


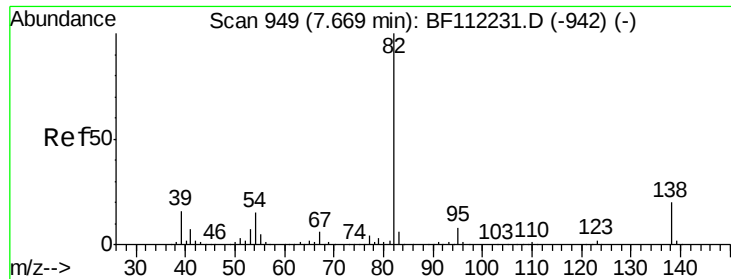
#23
Nitrobenzene-d5
Concen: 59.518 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112447.D
Acq: 7 Feb 2019 19:22

Tgt Ion: 82	Resp:	519488
Ion Ratio	Lower	Upper
82	100	
128	49.4	37.8 56.8
54	46.0	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





#25

Isophorone

Concen: 37.939 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SB-06(0-2)

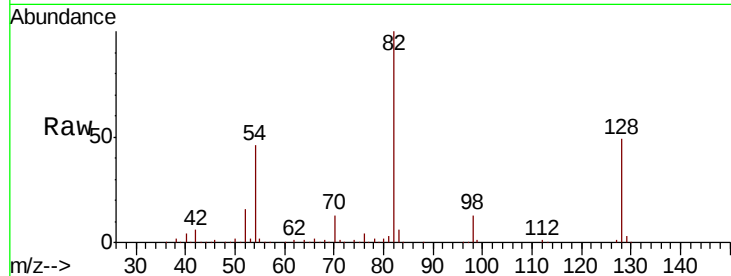
Tot Ion: 82 Resp: 519485

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

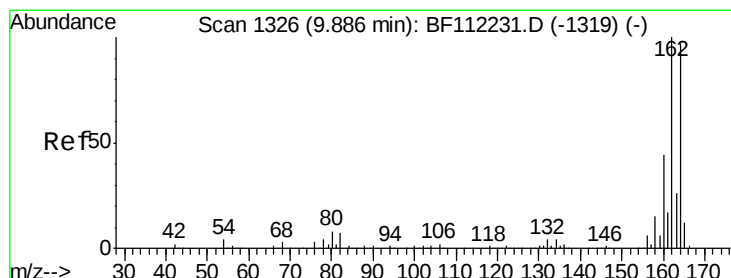
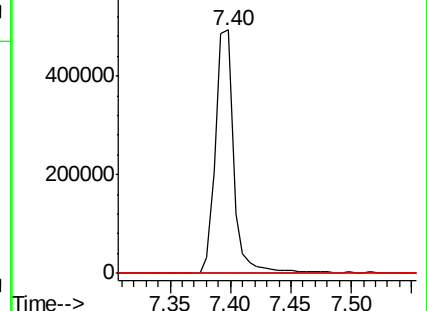
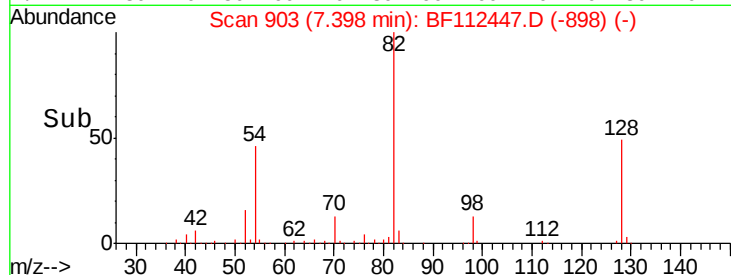
138 0.0 15.4 23.0#



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: BF112447.D

Acq: 7 Feb 2019 19:22

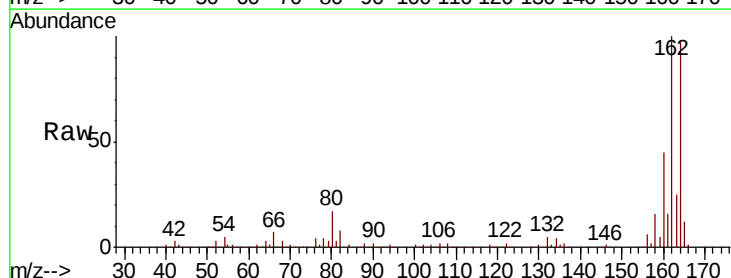
Tgt Ion: 164 Resp: 232352

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.4

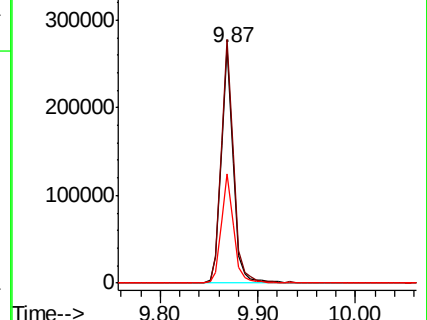
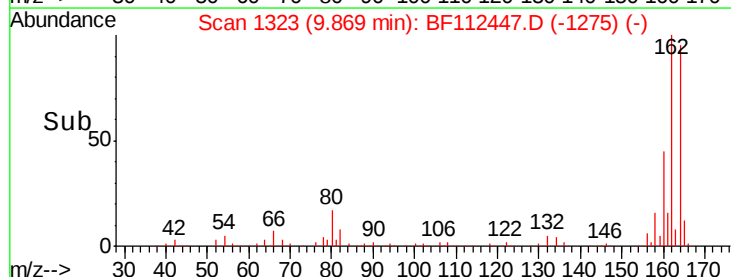
160 46.6 36.2 54.4

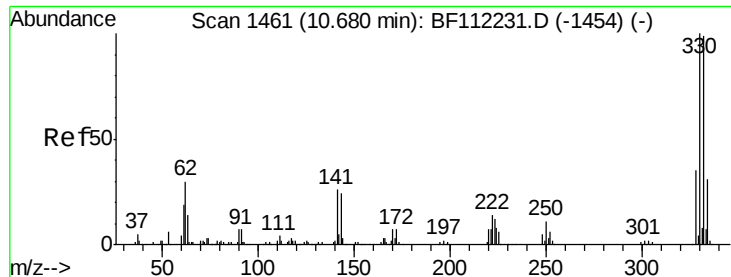


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 80.413 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SB-06(0-2)

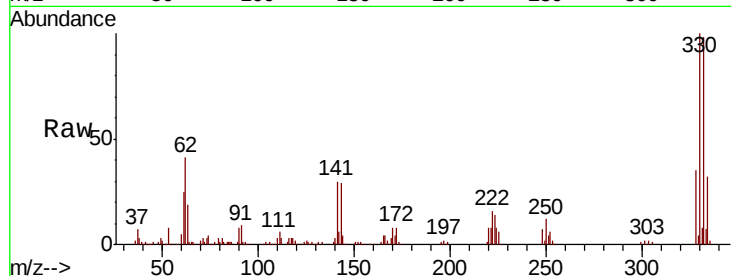
Tot Ion:330 Resp: 217479

Ion Ratio Lower Upper

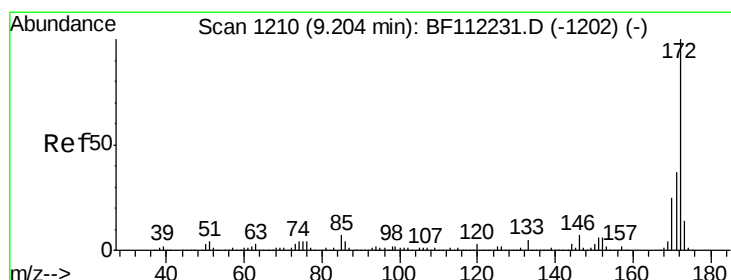
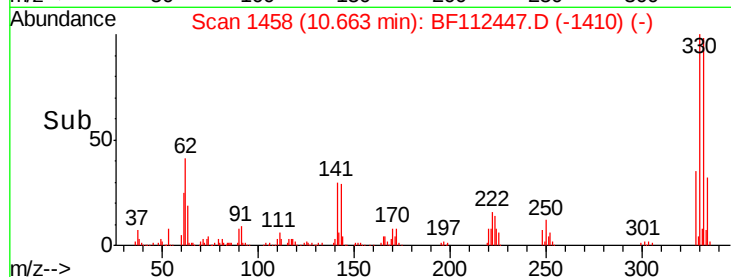
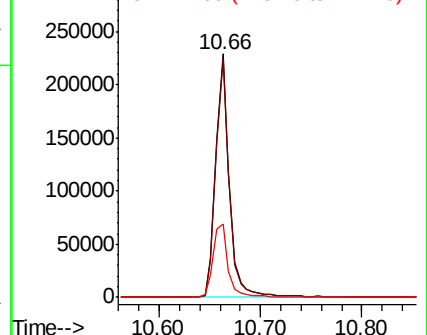
330 100

332 97.6 76.6 114.8

141 32.8 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: 49.788 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

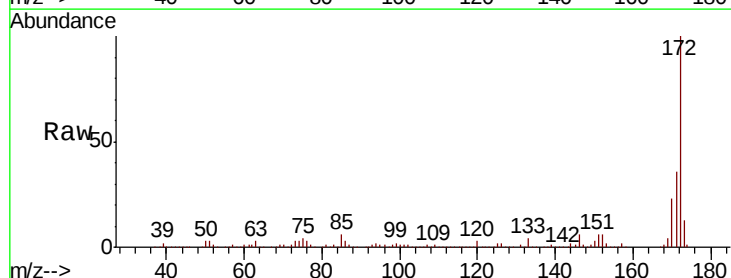
Tgt Ion:172 Resp: 817942

Ion Ratio Lower Upper

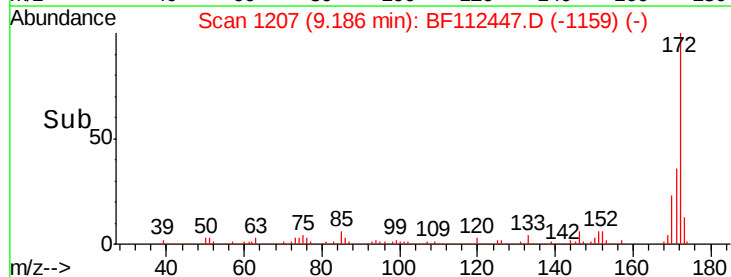
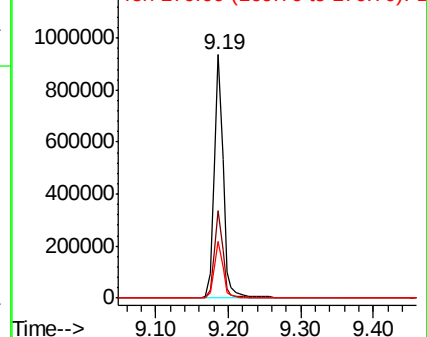
172 100

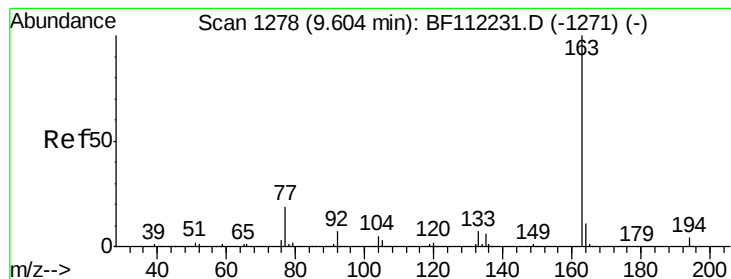
171 35.8 30.5 45.7

170 23.5 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: 3.560 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SB-06(0-2)

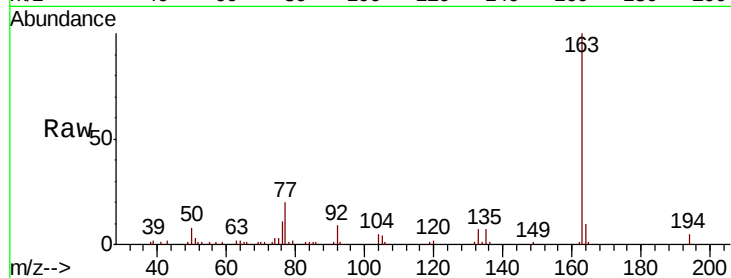
Tot Ion:163 Resp: 64261

Ion Ratio Lower Upper

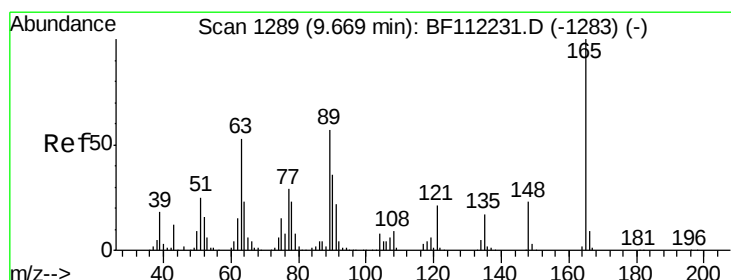
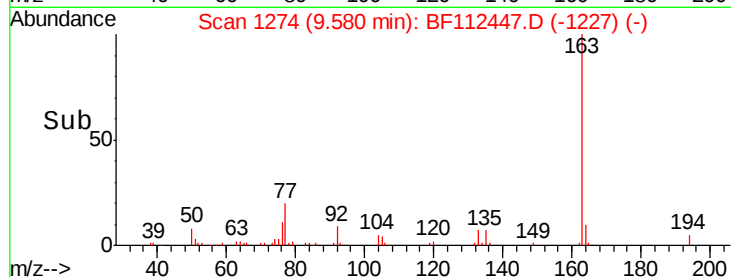
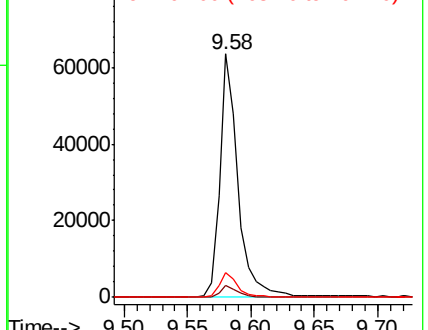
163 100

194 4.9 3.3 4.9

164 10.4 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



#51

2,6-Dinitrotoluene

Concen: 7.164 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

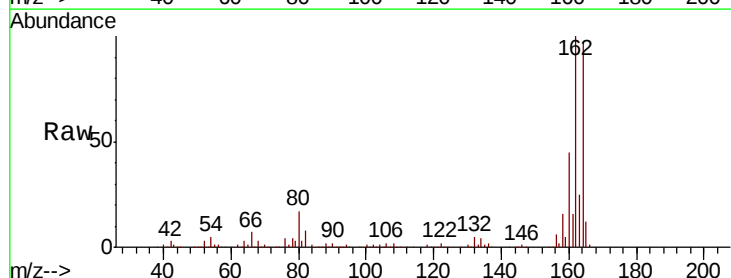
Tgt Ion:165 Resp: 28965

Ion Ratio Lower Upper

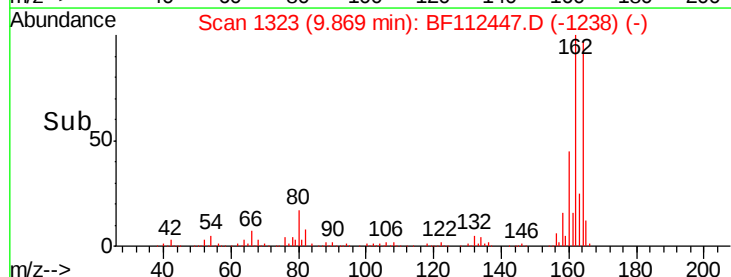
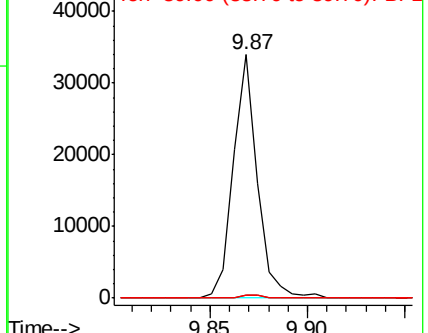
165 100

63 1.3 33.8 50.8#

89 1.5 36.9 55.3#



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

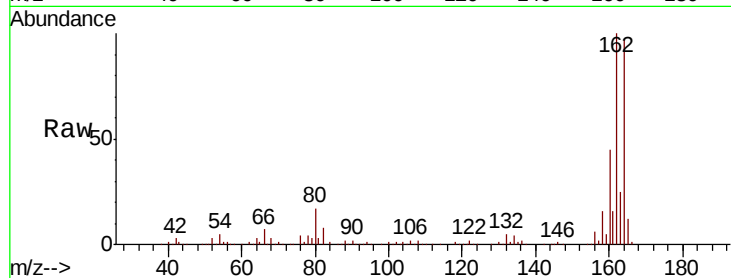




#57
2,4-Dinitrotoluene
Concen: 5.627 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112447.D
Acq: 7 Feb 2019 19:22

Instrument :
BNA_F
ClientSampleId :
SB-06(0-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#



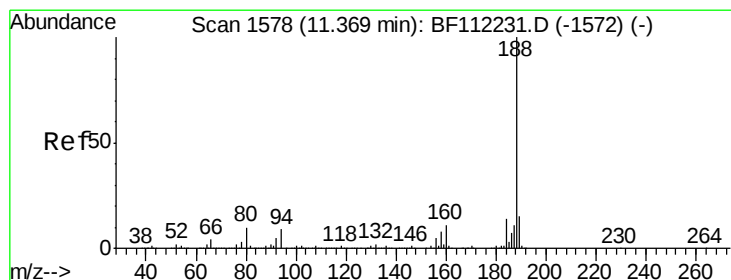
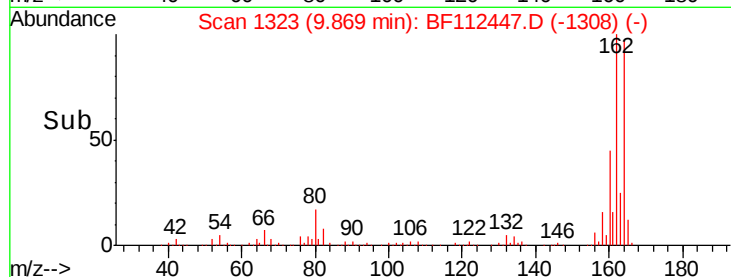
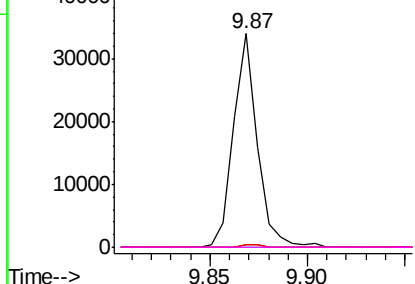
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

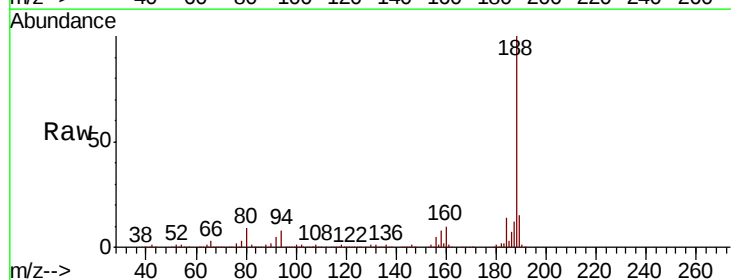
Ion 89.00 (88.70 to 89.70): BF1

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: BF112447.D
Acq: 7 Feb 2019 19:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.6	8.9	13.3#

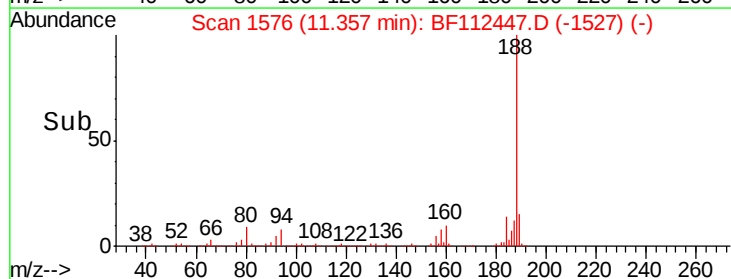
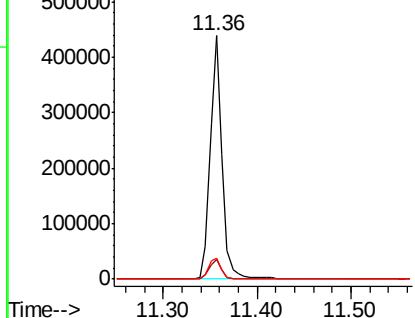


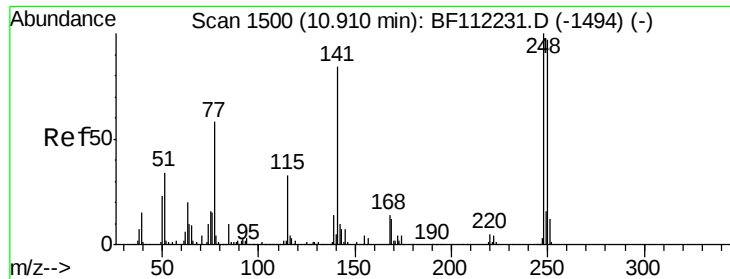
Abundance

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

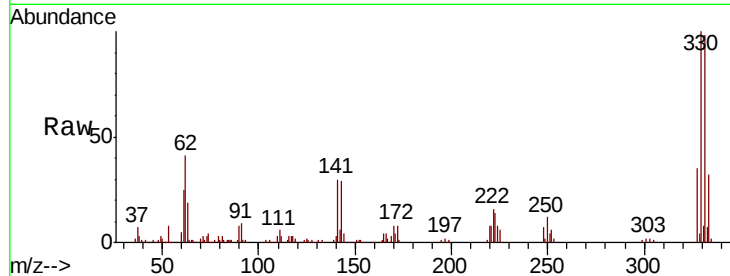




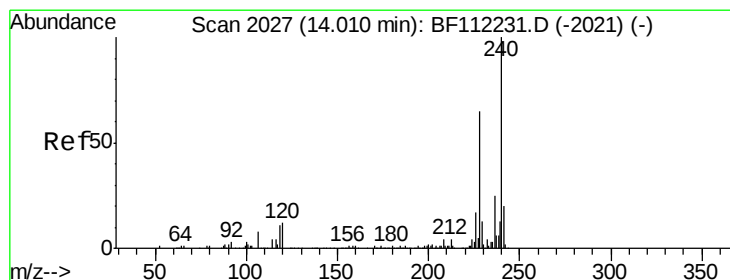
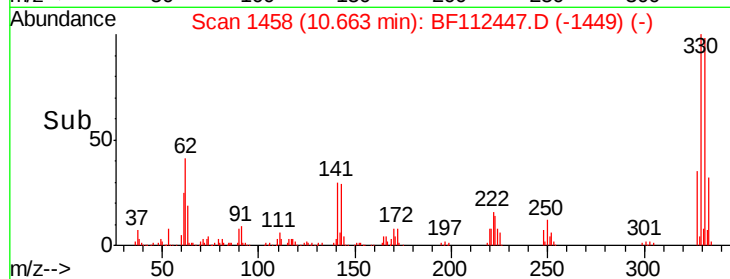
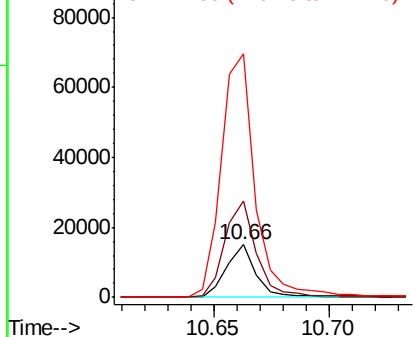
#67
 4-Bromophenyl-phenylether
 Concen: 2.888 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112447.D
 Acq: 7 Feb 2019 19:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(0-2)

Tot Ion:248 Resp: 13352
 Ion Ratio Lower Upper
 248 100
 250 184.1 79.7 119.5#
 141 465.4 60.3 90.5#

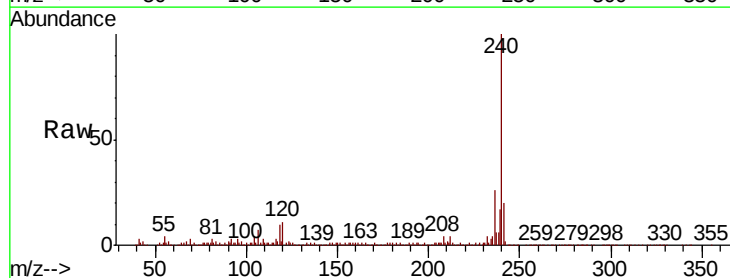


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

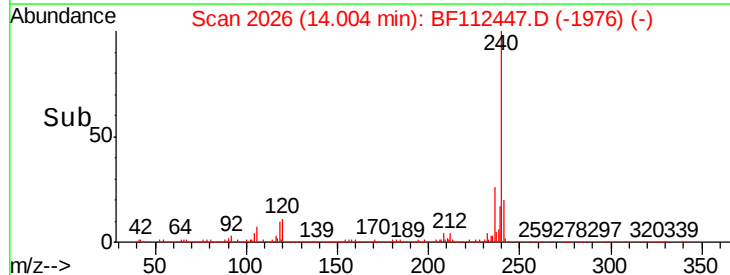
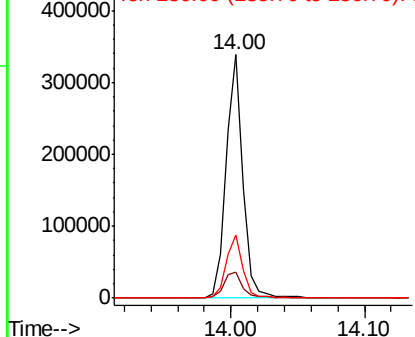


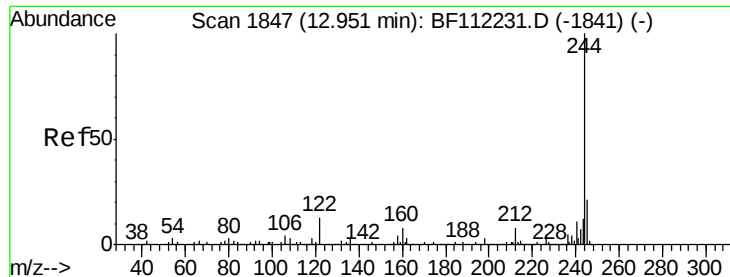
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112447.D
 Acq: 7 Feb 2019 19:22

Tgt Ion:240 Resp: 300625
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.7 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: 38.214 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

Instrument :

BNA_F

ClientSampleId :

SB-06(0-2)

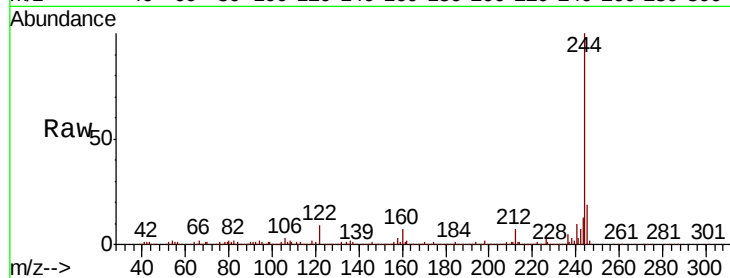
Tot Ion:244 Resp: 609958

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 9.1 9.8 14.6#

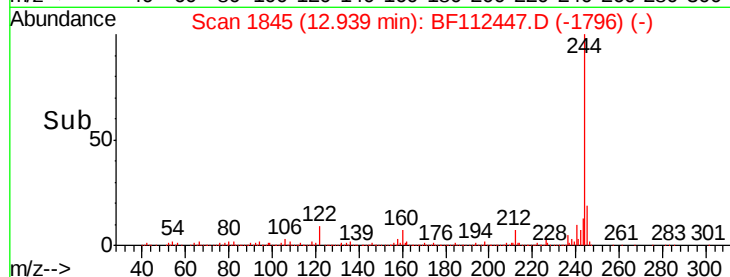


Abundance Ion 244.00 (243.70 to 244.70): E

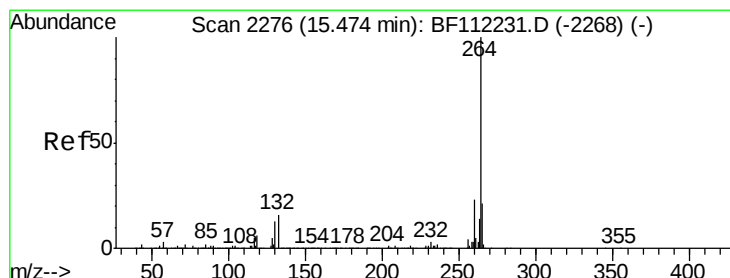
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.94



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112447.D

Acq: 7 Feb 2019 19:22

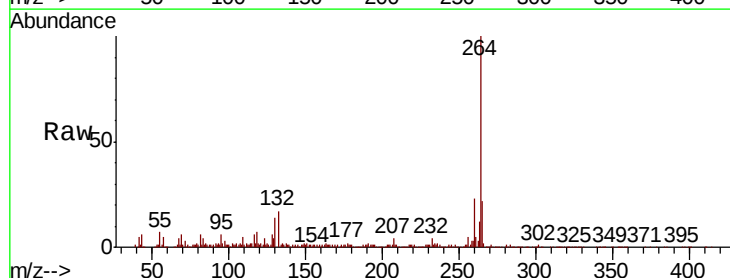
Tgt Ion:264 Resp: 266058

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 22.0 17.0 25.4

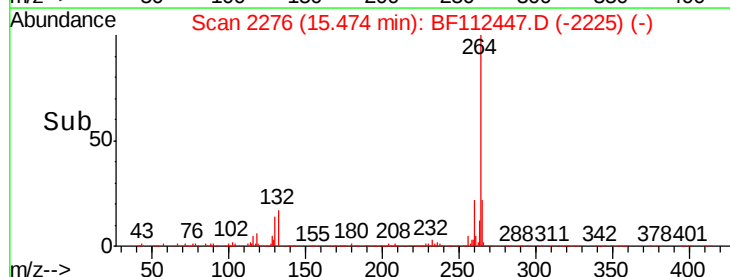


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.47



Time-->