

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112312.D
 Acq On : 30 Jan 2019 9:45
 Operator : JU/SJ
 Sample : K1266-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 10:24:33 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

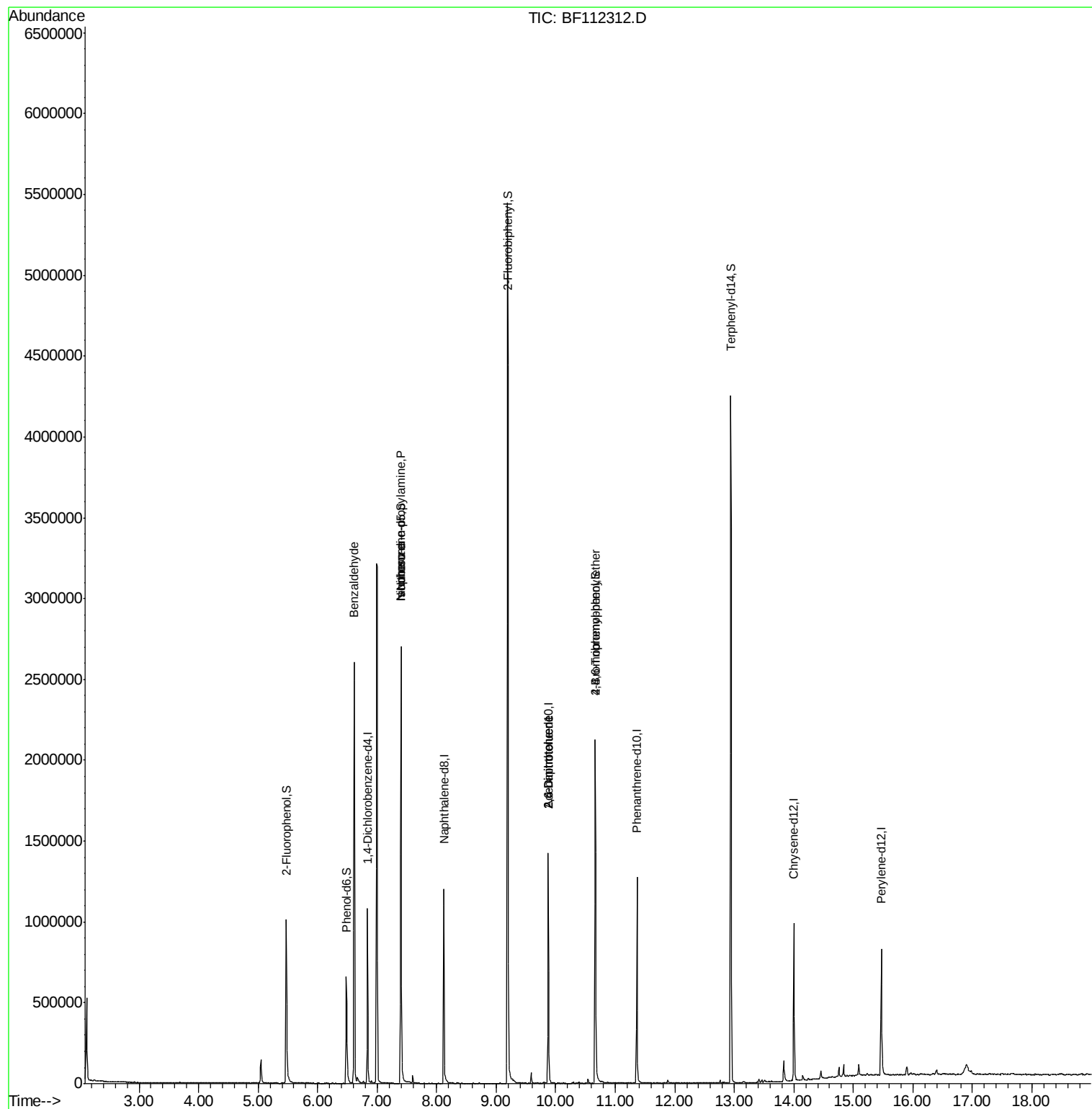
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170027	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	636876	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	292232	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	507717	20.00	ng	0.00
76) Chrysene-d12	14.00	240	374639	20.00	ng	0.00
87) Perylene-d12	15.47	264	358924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	351238	43.88	ng	0.00
7) Phenol-d6	6.48	99	257505	23.15	ng	-0.01
23) Nitrobenzene-d5	7.40	82	988607	89.44	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	278589	81.90	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1847189	89.40	ng	-0.01
79) Terphenyl-d14	12.94	244	1431336	71.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	17181	2.955	ng	# 73
19) n-Nitroso-di-n-propylamine	7.40	70	135917	17.721	ng	# 73
25) Isophorone	7.40	82	984774	56.792	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	37613	7.397	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37613	5.810	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	17184	2.878	ng	# 1

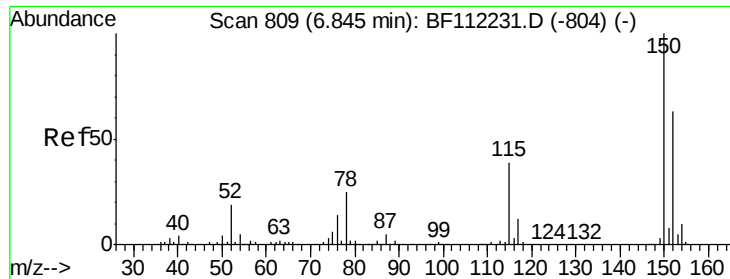
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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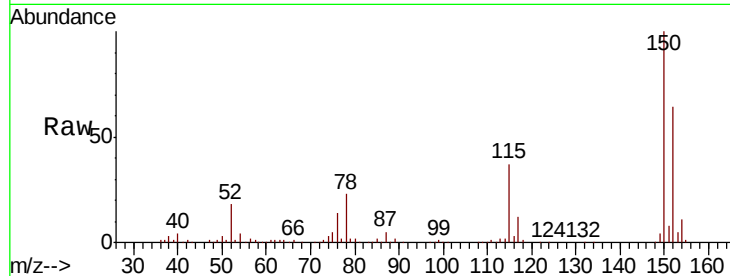


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.0
115	57.5	45.5	68.3

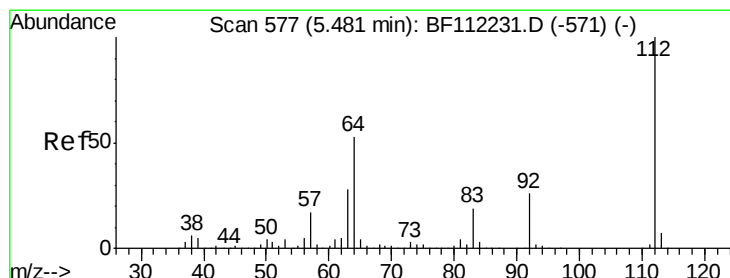
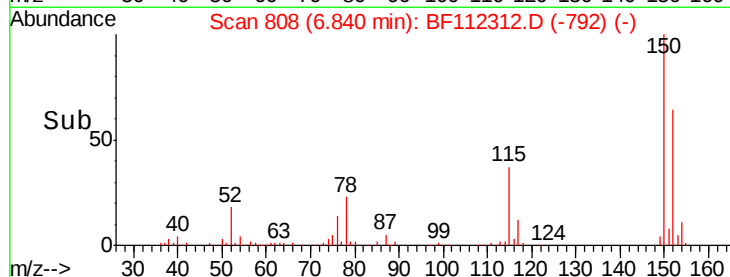
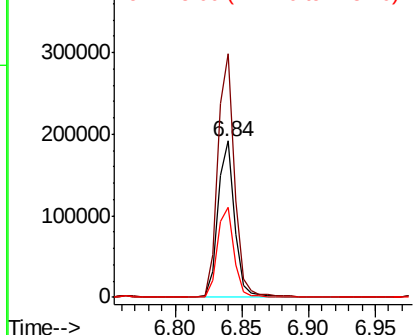


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

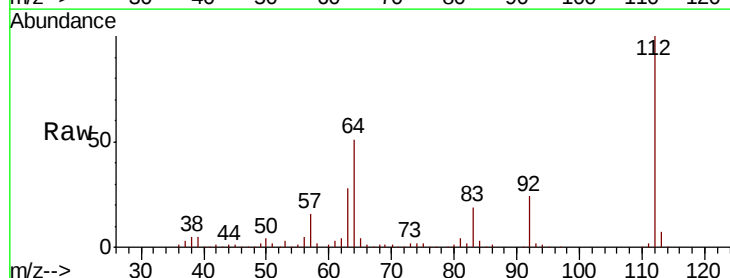
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.878 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.7	68.5
63	28.4	23.6	35.4

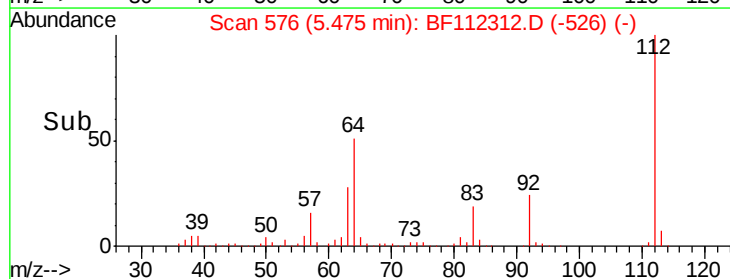
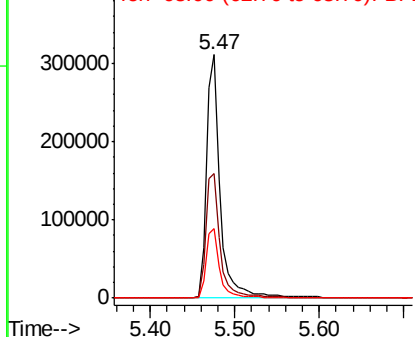


Abundance

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: 23.151 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

Instrument :

BNA_F

ClientSampleId :

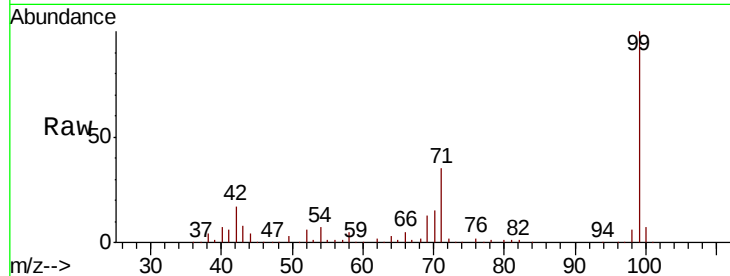
Tot Ion: 99 Resp: 257505

Ion Ratio Lower Upper

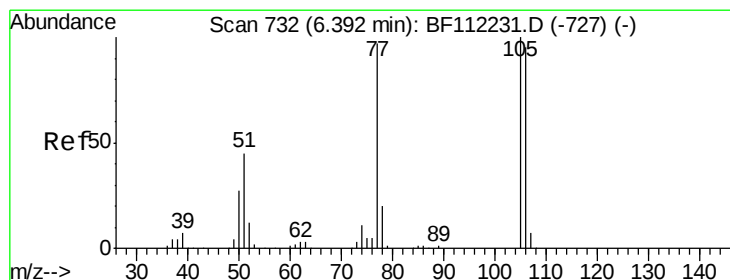
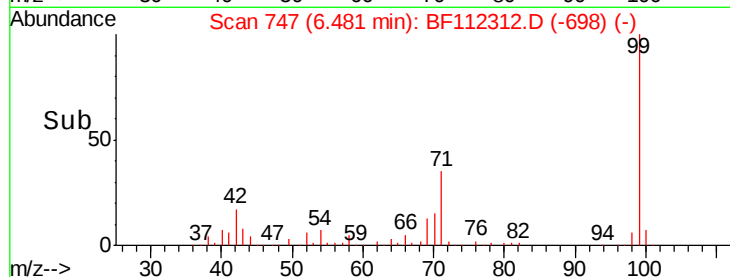
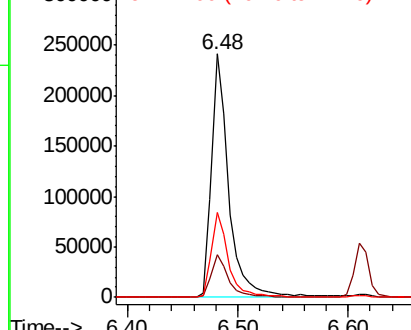
99 100

42 17.3 15.1 22.7

71 34.7 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



#9

Benzaldehyde

Concen: 2.955 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.22 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

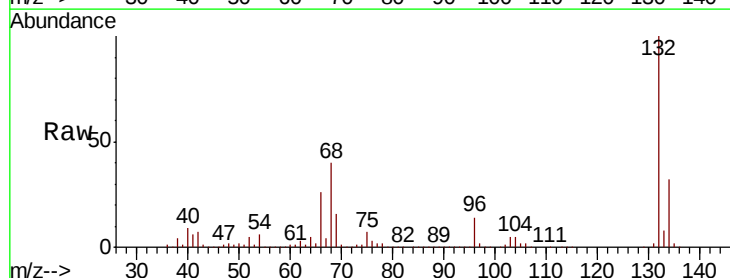
Tgt Ion: 77 Resp: 17181

Ion Ratio Lower Upper

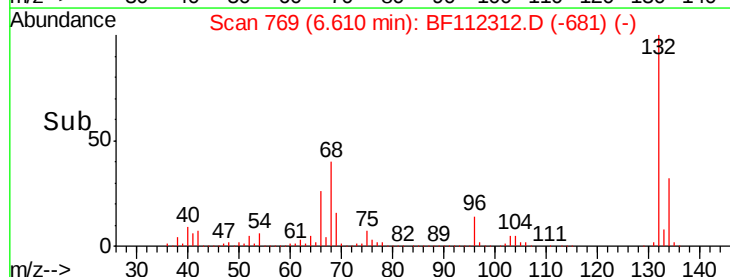
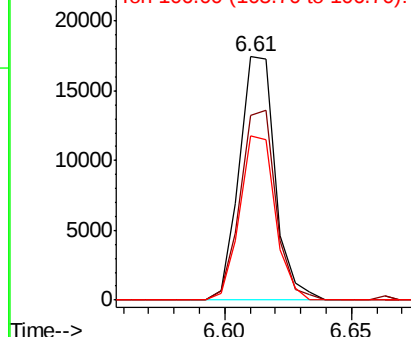
77 100

105 75.9 80.8 120.8#

106 67.5 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

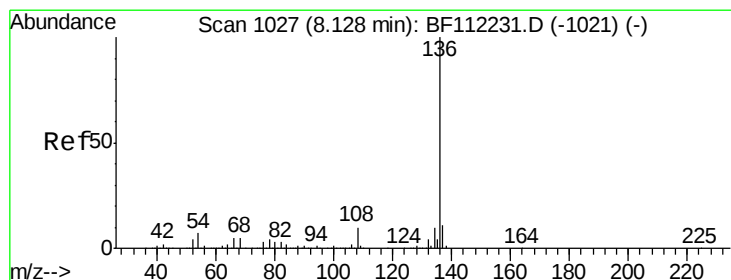
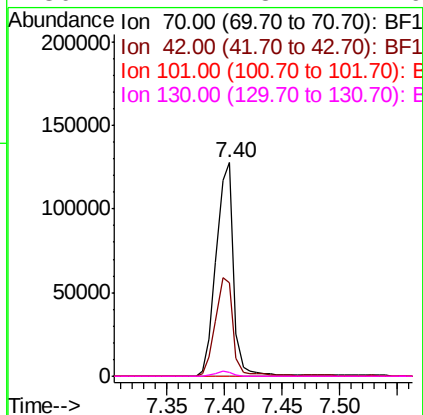
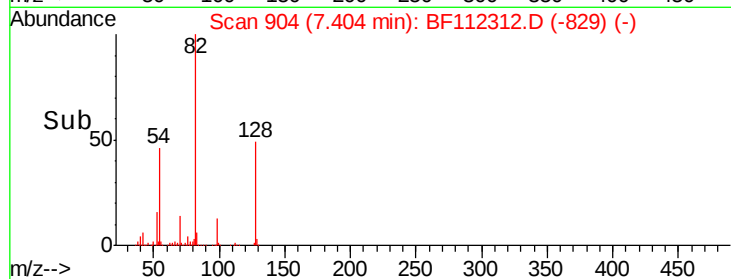
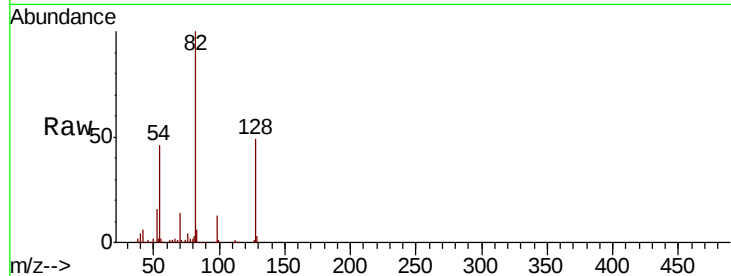




#19
n-Nitroso-di-n-propylamine
Concen: 17.721 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

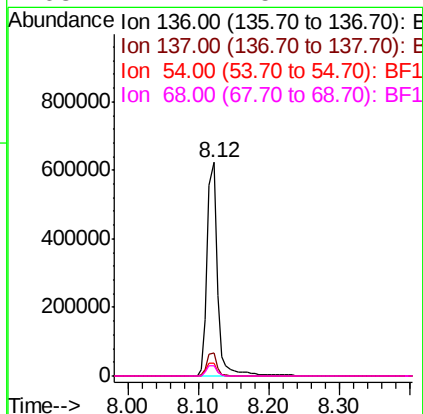
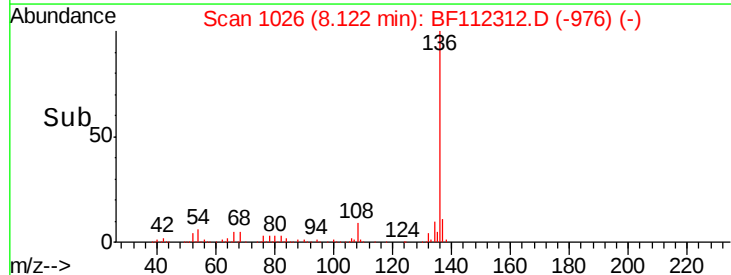
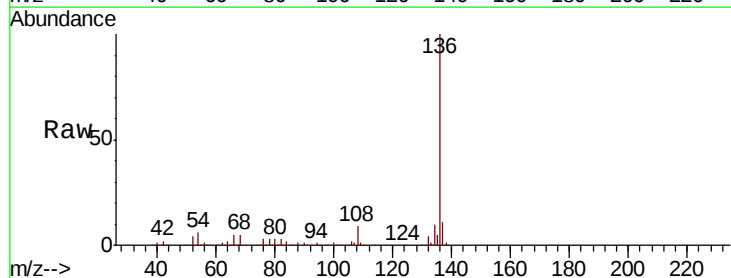
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 135917
Ion Ratio Lower Upper
70 100
42 43.7 47.6 71.4#
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

Tgt Ion: 136 Resp: 636876
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.0 5.9 8.9
68 4.7 5.1 7.7#

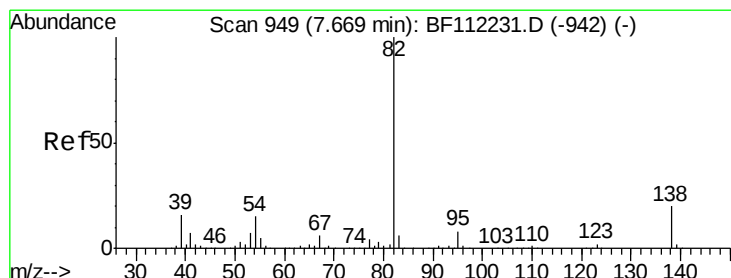
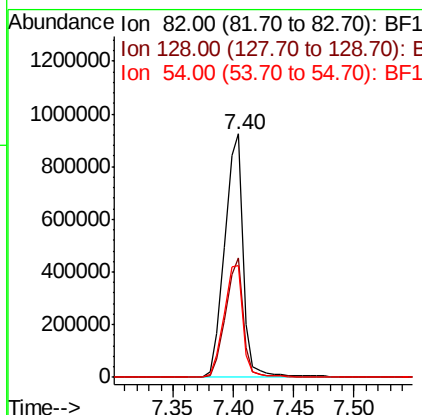
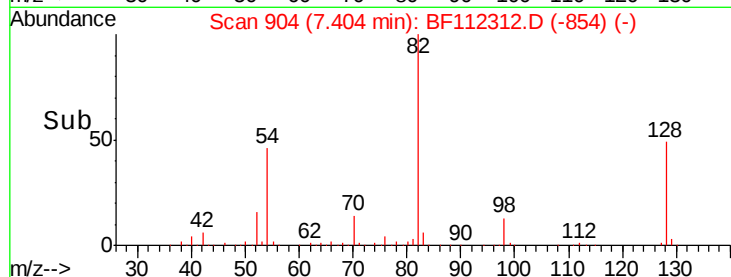
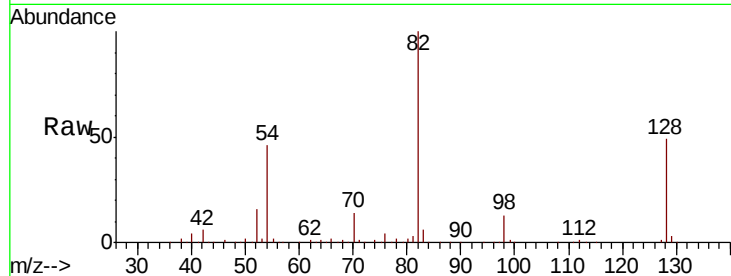




#23
Nitrobenzene-d5
Concen: 89.442 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

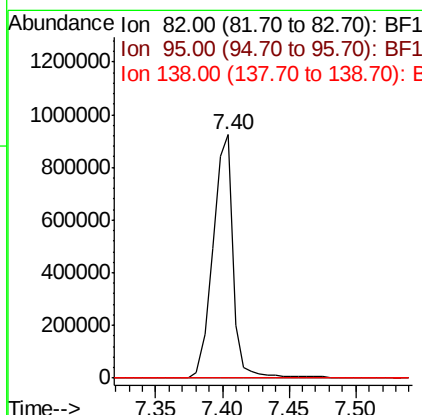
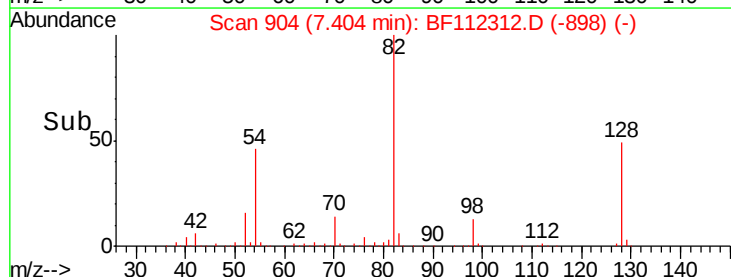
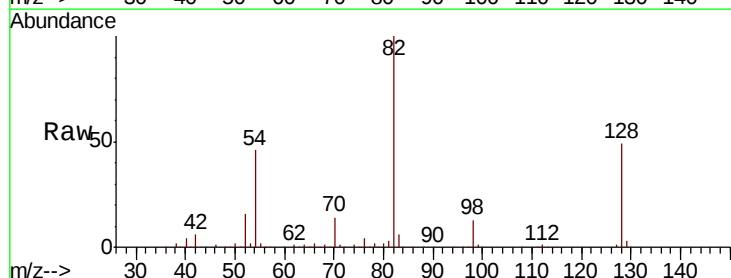
Instrument :
BNA_F
ClientSampleId :

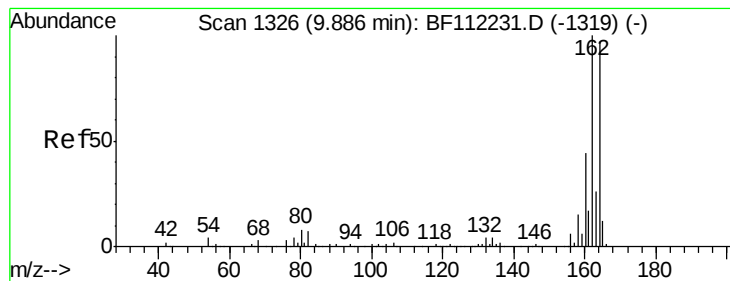
Tot Ion	82	Resp	988607
Ion Ratio	Lower	Upper	
82	100		
128	49.2	37.8	56.8
54	46.0	39.7	59.5



#25
Isophorone
Concen: 56.792 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112312.D
Acq: 30 Jan 2019 9:45

Tgt Ion	82	Resp	984774
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

Instrument :

BNA_F

ClientSampleId :

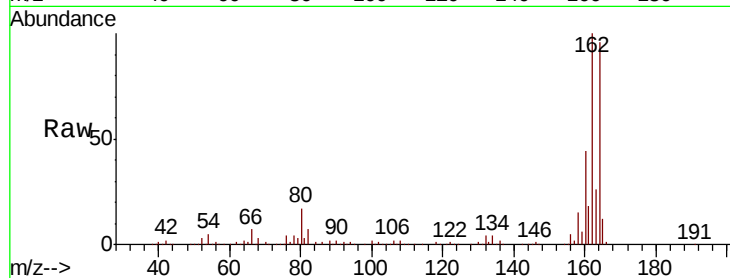
Tot Ion:164 Resp: 292232

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.4

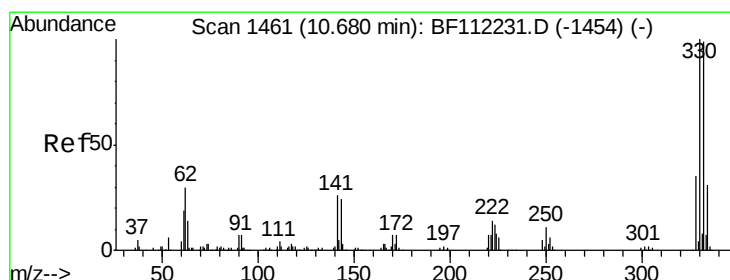
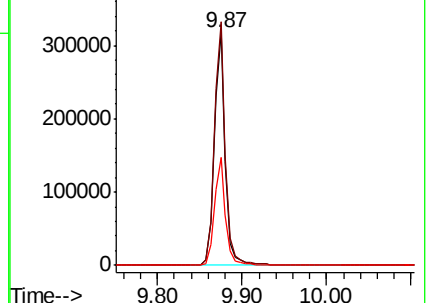
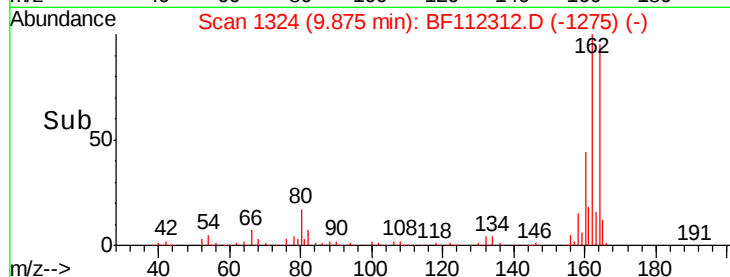
160 46.3 36.2 54.4



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: 81.902 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

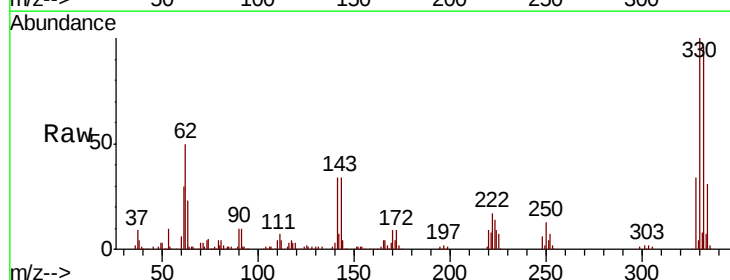
Tgt Ion:330 Resp: 278589

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

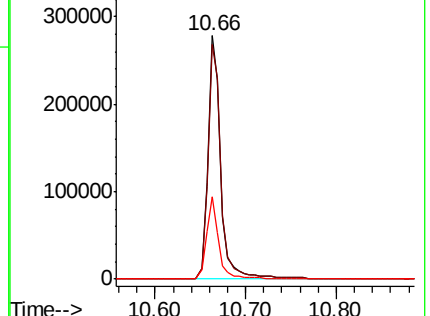
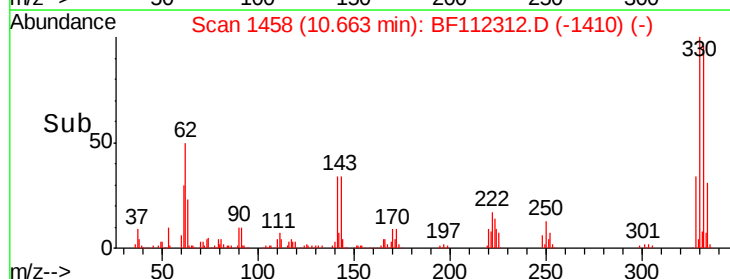
141 32.2 24.3 36.5

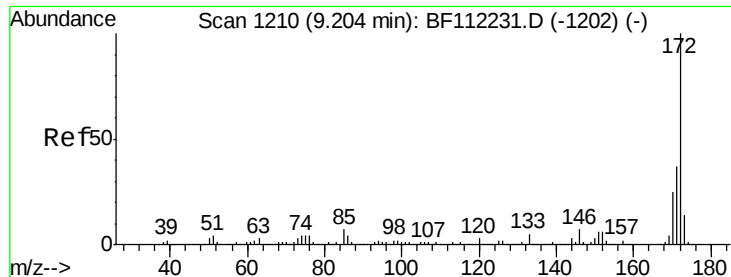


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



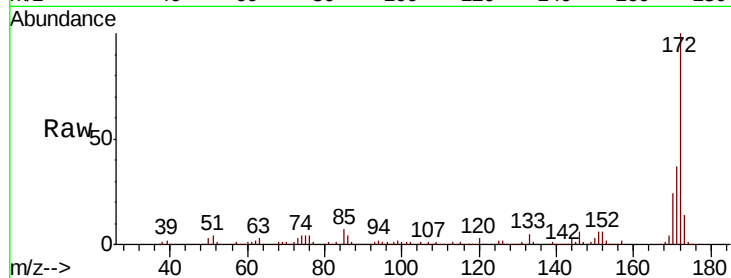


#45
 2-Fluorobiphenyl
 Concen: 89.400 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

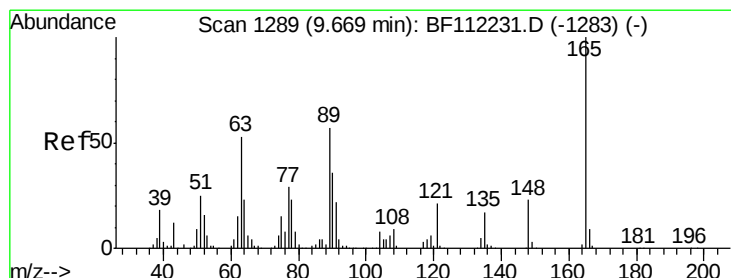
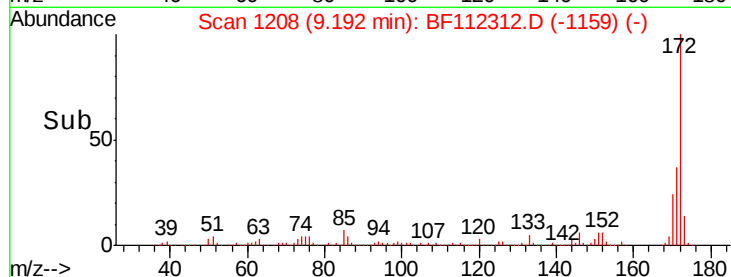
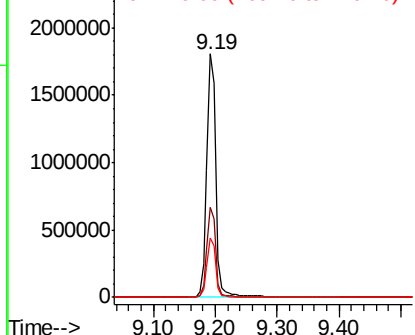
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1847189

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.1	20.2	30.4



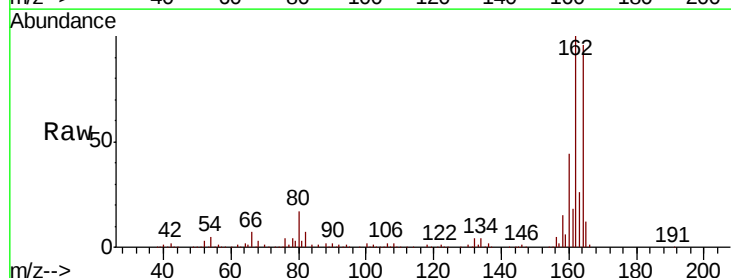
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



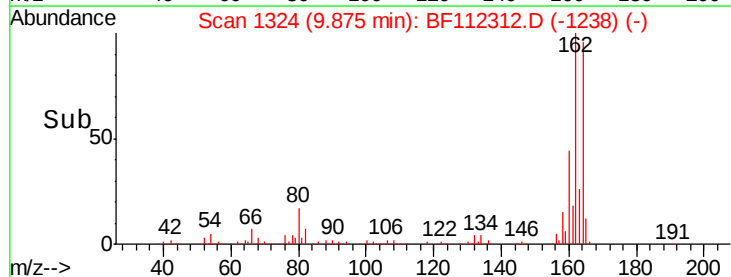
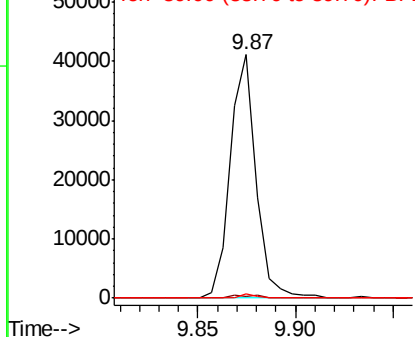
#51
 2,6-Dinitrotoluene
 Concen: 7.397 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

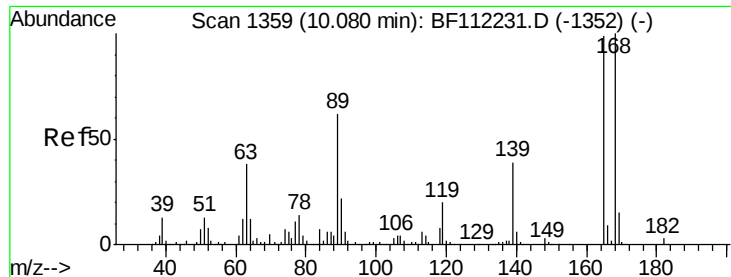
Tgt Ion:165 Resp: 37613

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.8	50.8#
89	1.6	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

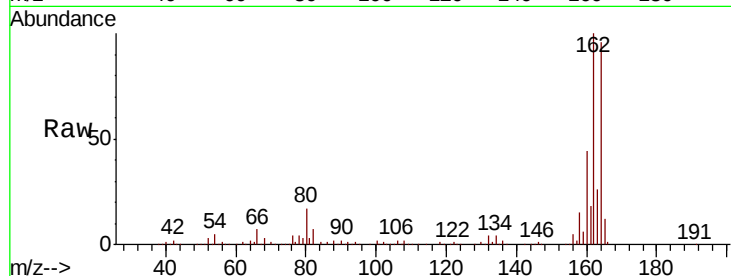




#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



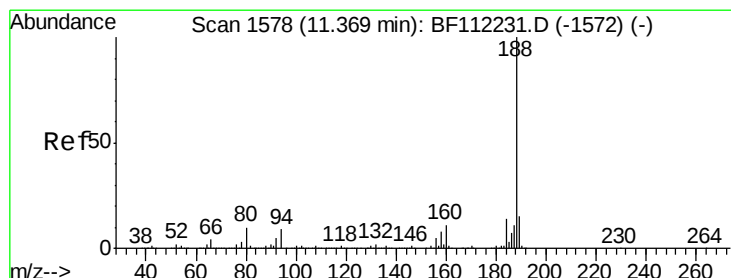
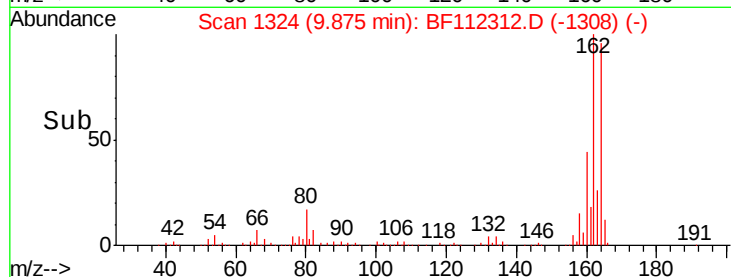
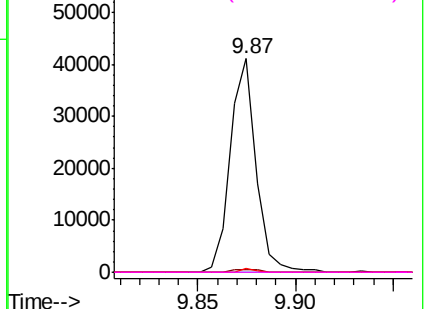
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

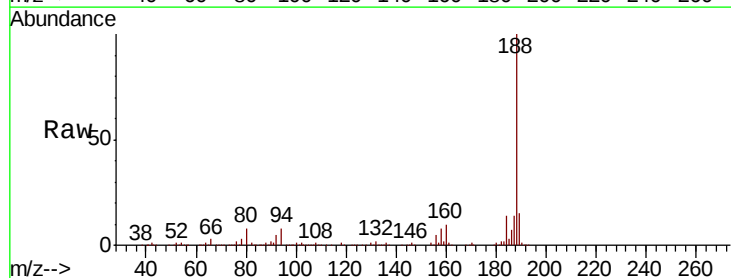
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.4	8.9	13.3#

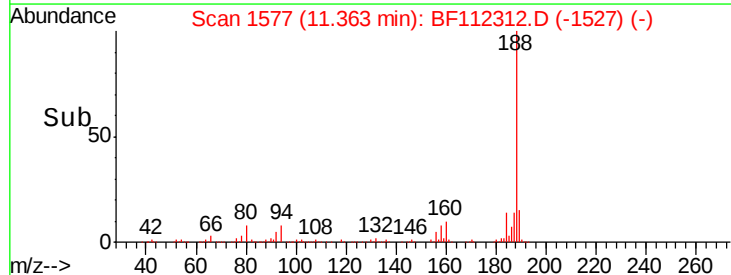
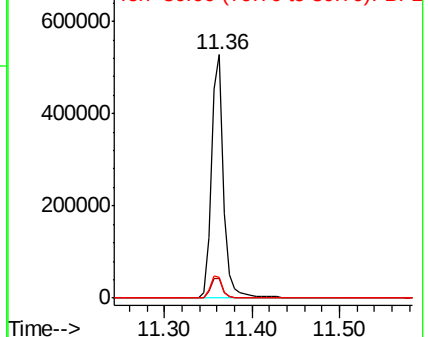


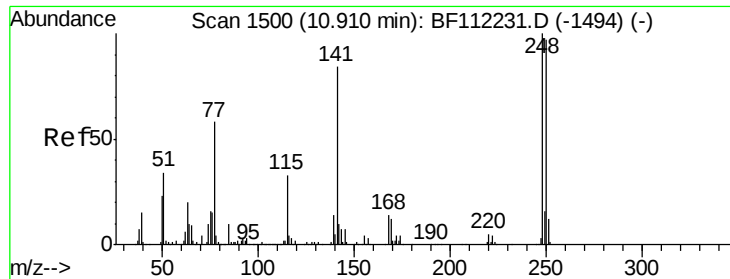
Abundance

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

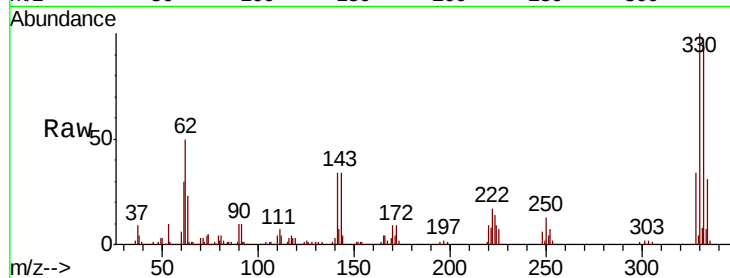




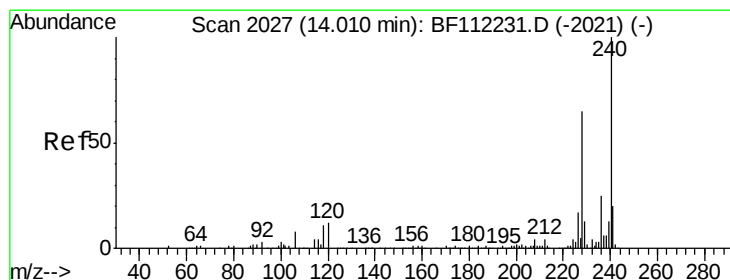
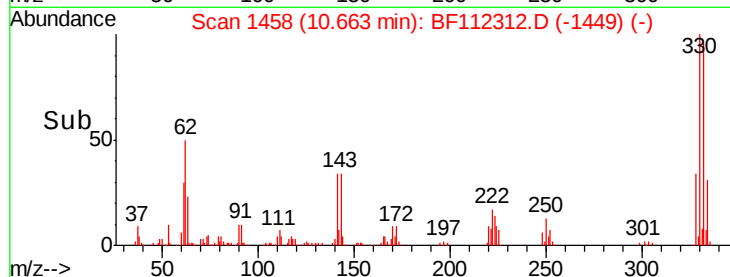
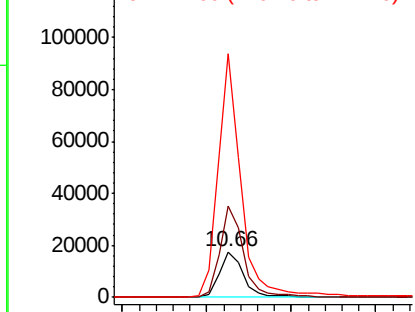
#67
 4-Bromophenyl-phenylether
 Concen: 2.878 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17184
 Ion Ratio Lower Upper
 248 100
 250 200.3 79.7 119.5#
 141 535.2 60.3 90.5#

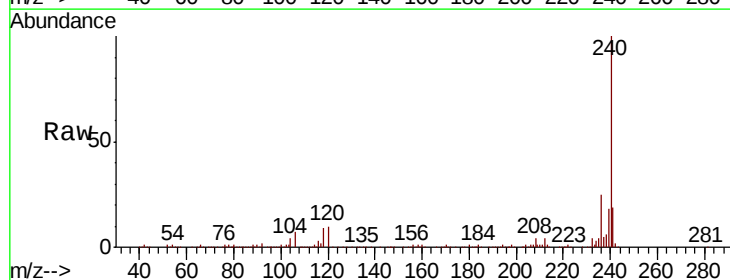


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

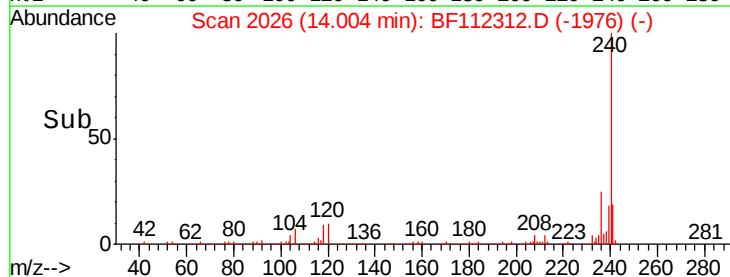
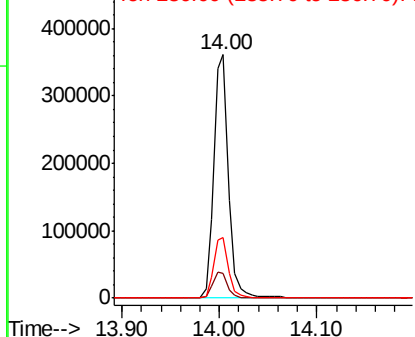


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112312.D
 Acq: 30 Jan 2019 9:45

Tgt Ion:240 Resp: 374639
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 25.0 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: 71.958 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

Instrument :

BNA_F

ClientSampleId :

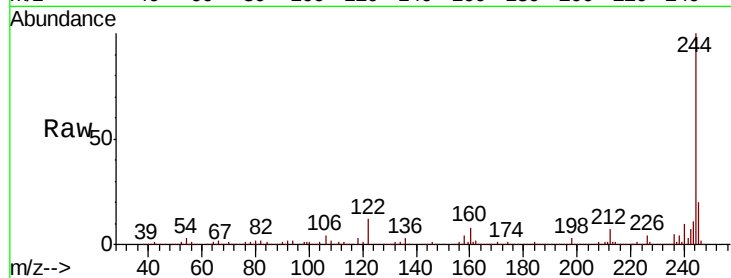
Tot Ion:244 Resp: 1431336

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

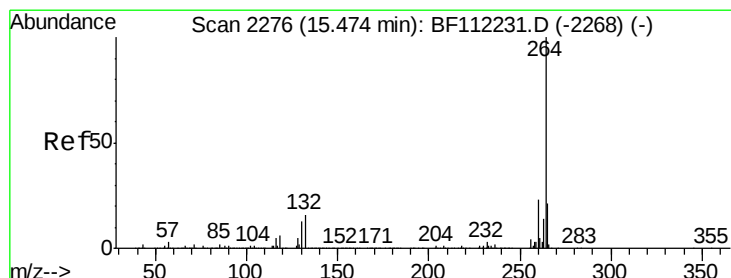
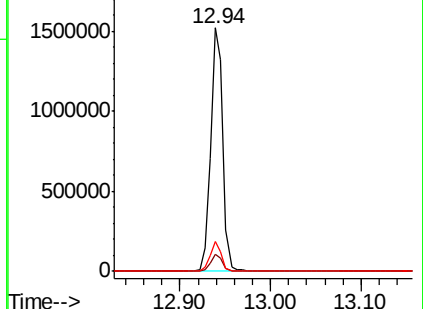
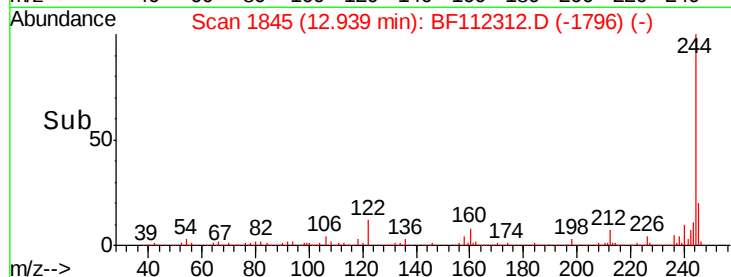
122 12.2 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112312.D

Acq: 30 Jan 2019 9:45

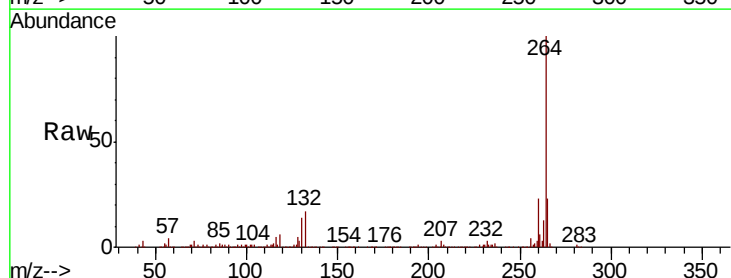
Tgt Ion:264 Resp: 358924

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 23.0 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

