

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110447.D
 Acq On : 3 Nov 2018 8:31
 Operator : JU/SJ
 Sample : J5789-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:48:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

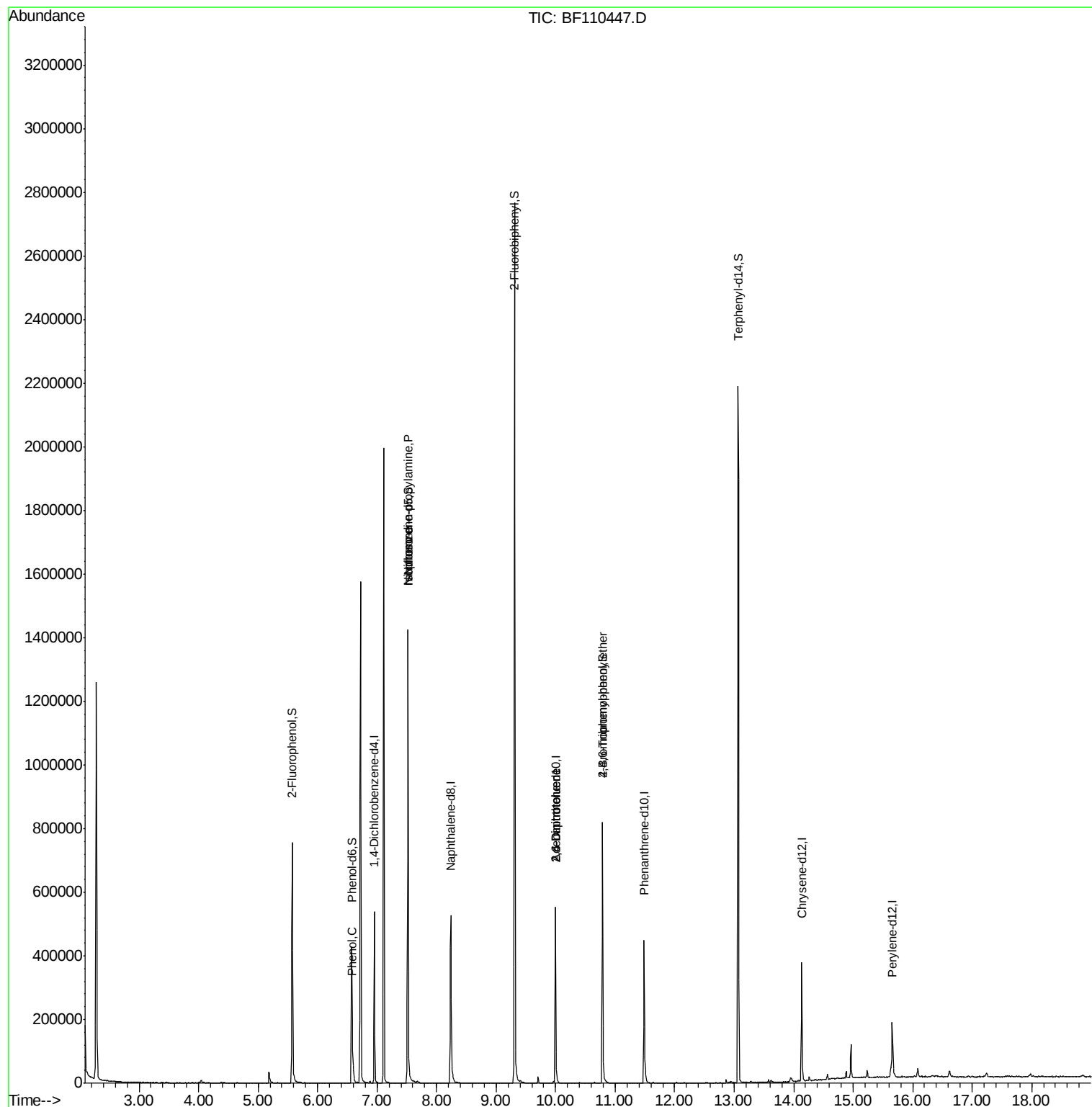
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	86507	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	308922	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	123423	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	213115	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140957	20.00	ng	0.00
87) Perylene-d12	15.66	264	100024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	209371	39.41	ng	0.00
7) Phenol-d6	6.57	99	159950	23.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	523827	100.58	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	99928	81.73	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	873354	111.11	ng	0.00
79) Terphenyl-d14	13.07	244	796162	117.47	ng	0.00
Target Compounds						
10) Phenol	6.59	94	15038	2.070	ng	# 70
19) n-Nitroso-di-n-propylamine	7.52	70	67929	15.583	ng	# 78
25) Isophorone	7.52	82	523867	59.006	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	15414	7.854	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	15414	6.184	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6031	2.609	ng	# 1

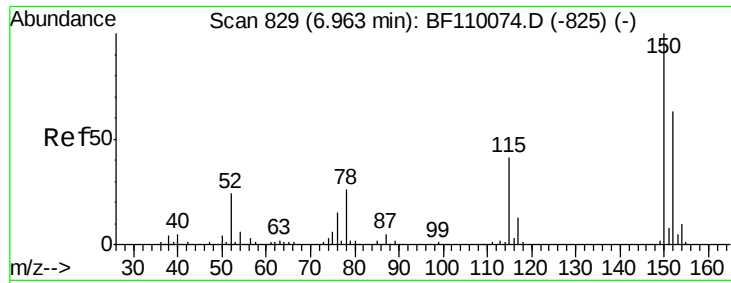
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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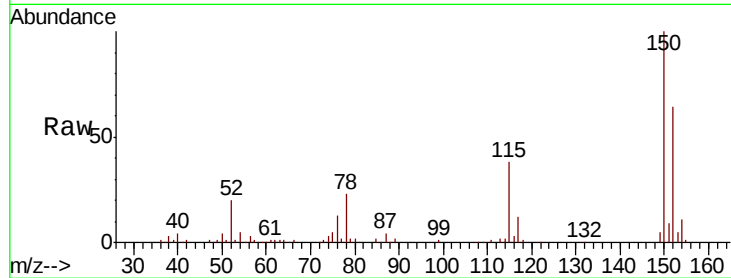


#1

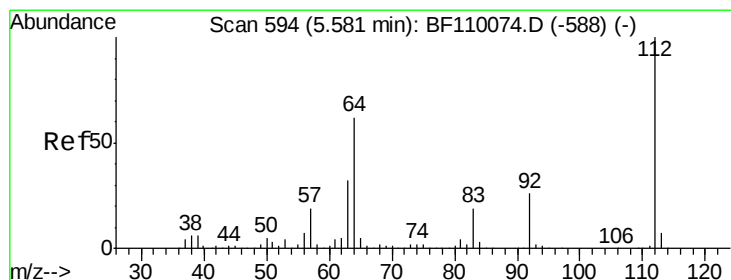
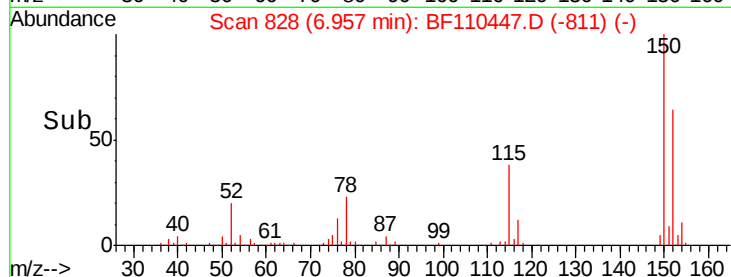
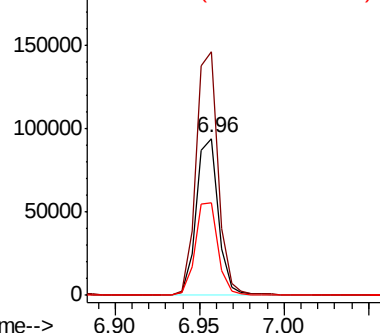
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86507
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 58.8 49.1 73.7



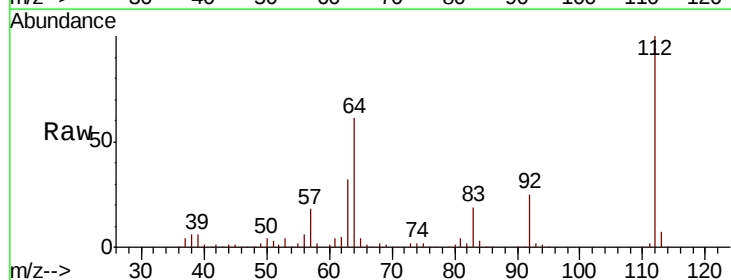
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



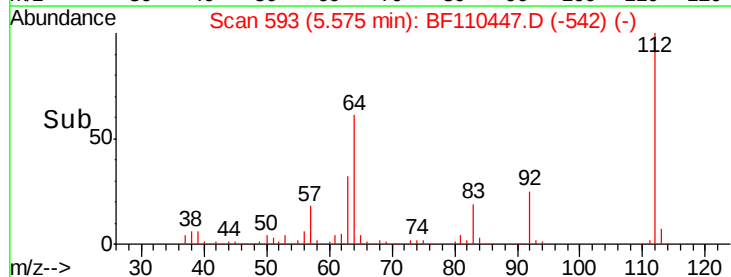
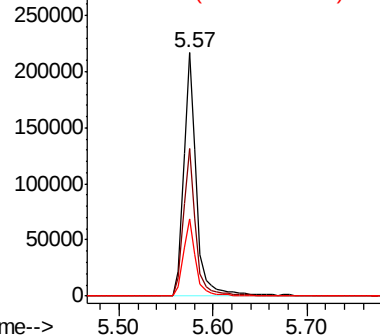
#5

2-Fluorophenol
Concen: 39.413 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Tgt Ion:112 Resp: 209371
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 31.5 23.7 35.5



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: 23.540 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

Instrument :

BNA_F

ClientSampleId :

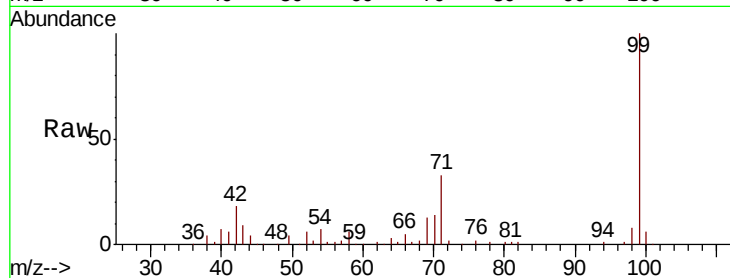
Tot Ion: 99 Resp: 159950

Ion Ratio Lower Upper

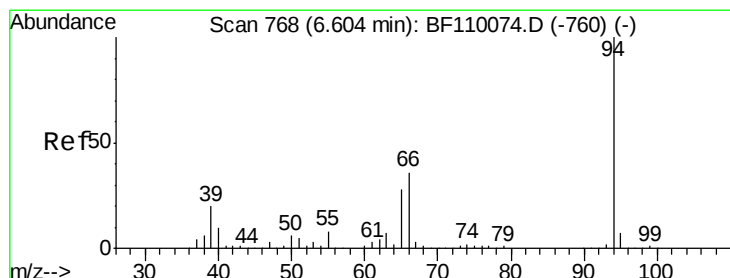
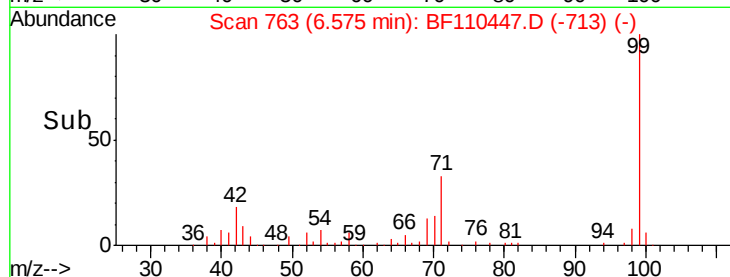
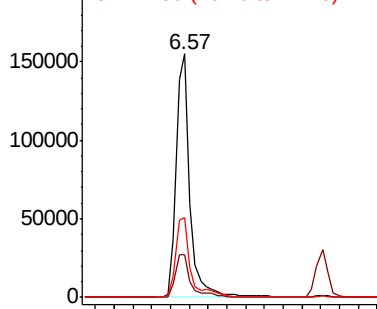
99 100

42 17.6 15.8 23.6

71 33.0 28.0 42.0



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: 2.070 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

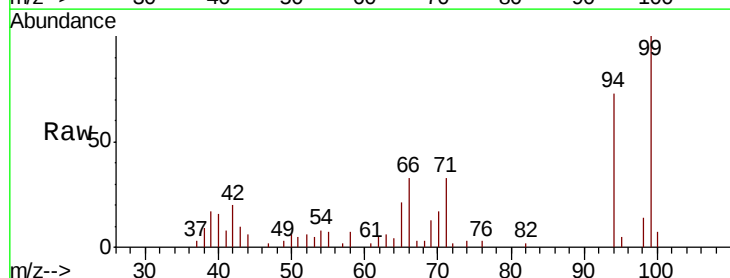
Tgt Ion: 94 Resp: 15038

Ion Ratio Lower Upper

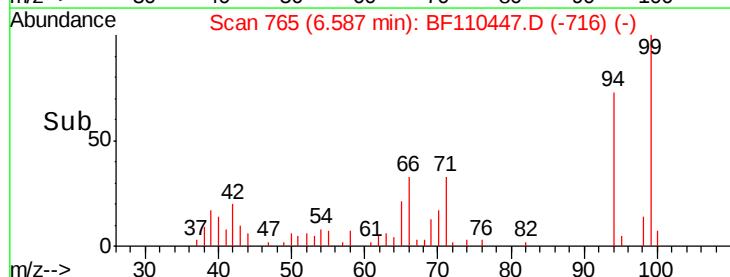
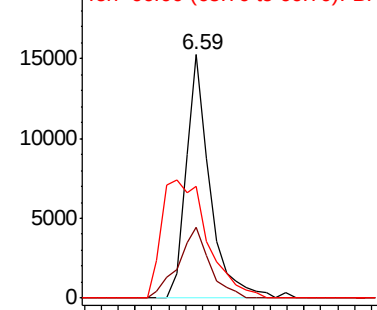
94 100

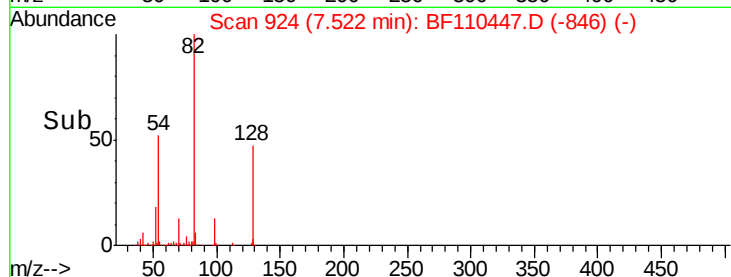
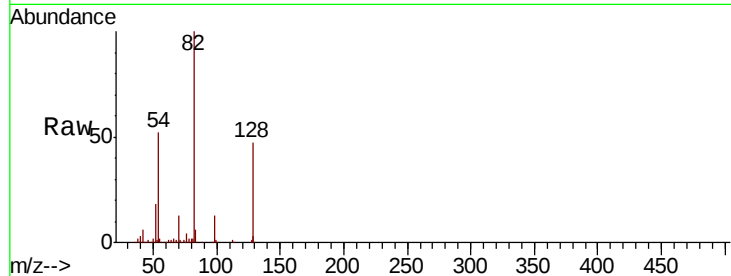
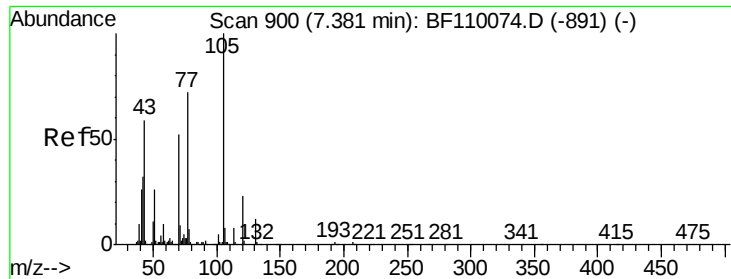
65 29.0 25.3 65.3

66 45.9 54.5 94.5#



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

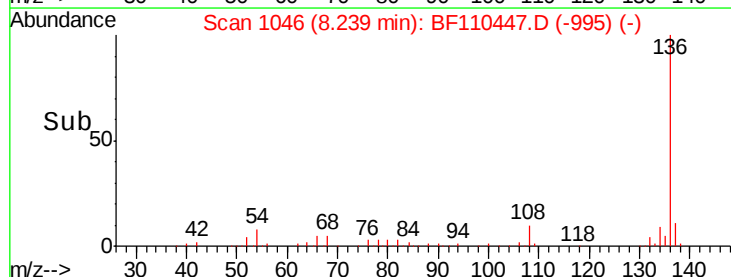
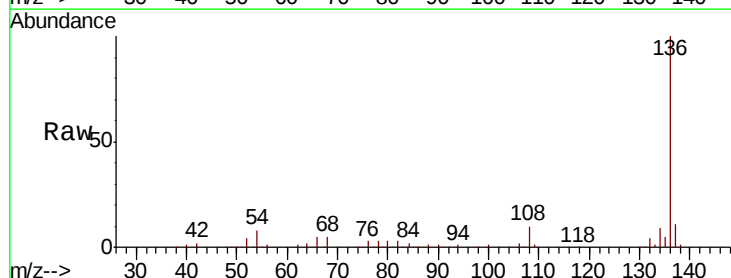
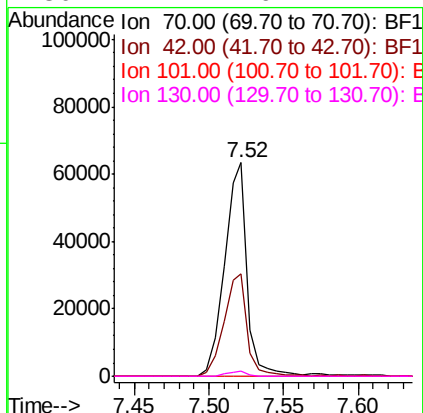




#19
n-Nitroso-di-n-propylamine
Concen: 15.583 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

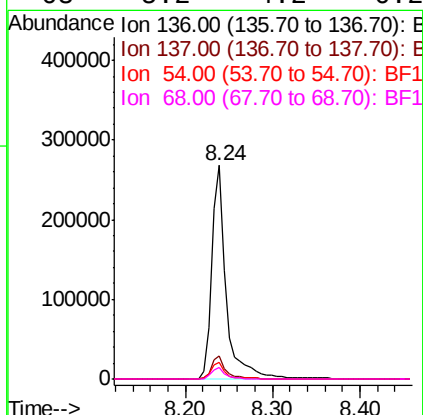
Instrument :
BNA_F
ClientSampleId :

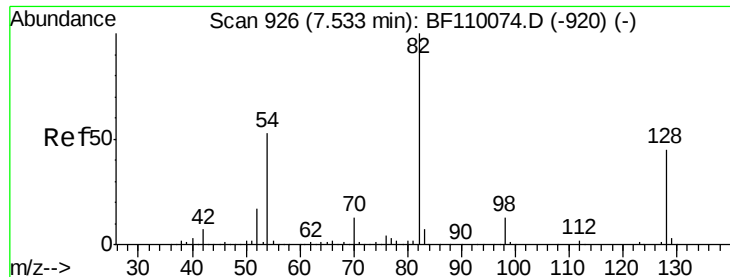
Tot Ion	70	Resp	67929
Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Tgt Ion	136	Resp	308922
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	5.4	8.2
68	5.2	4.2	6.2

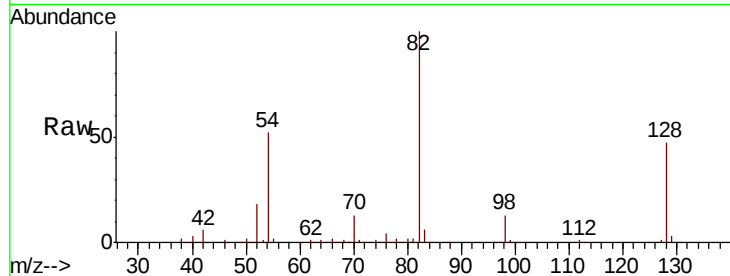




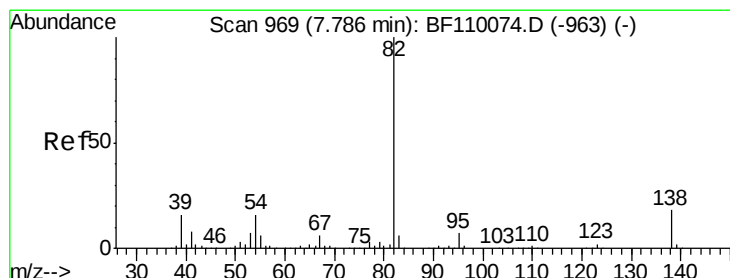
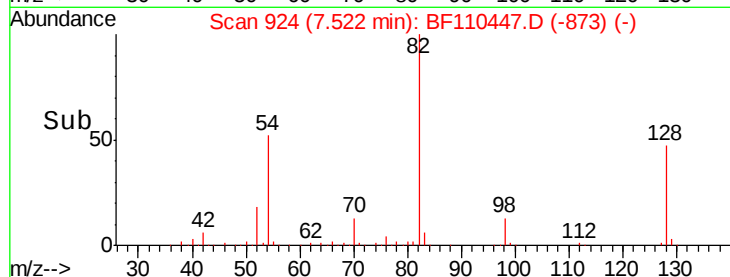
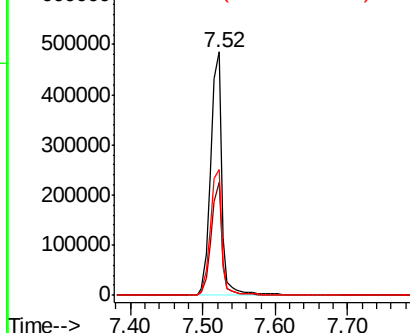
#23
Nitrobenzene-d5
Concen: 100.575 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	523827
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.2	51.2
54	51.5	38.6	58.0

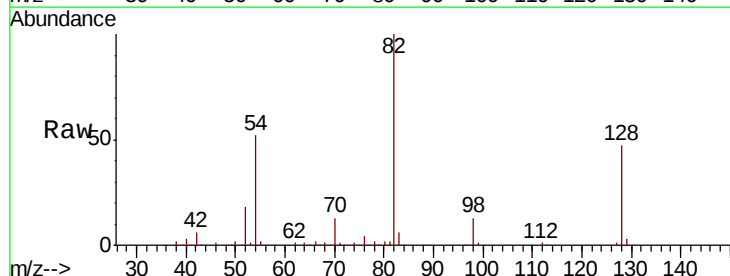


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

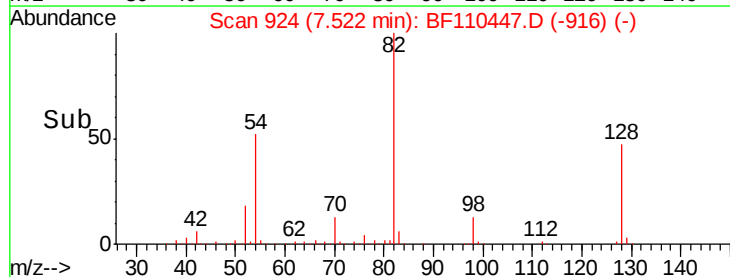
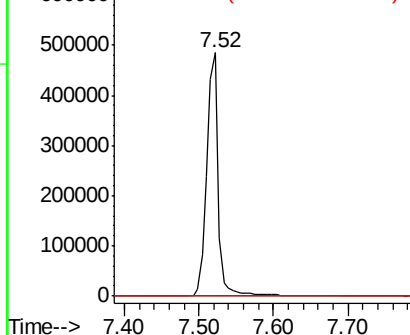


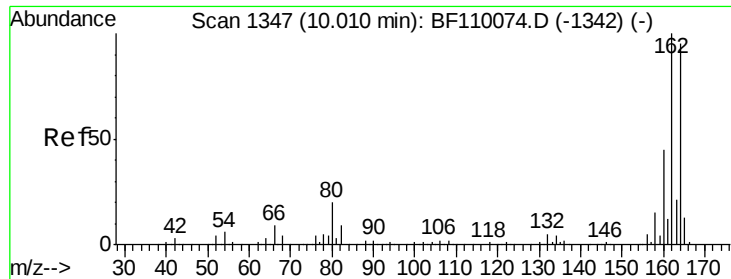
#25
Isophorone
Concen: 59.006 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Tgt Ion	82	Resp	523867
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

Instrument :

BNA_F

ClientSampleId :

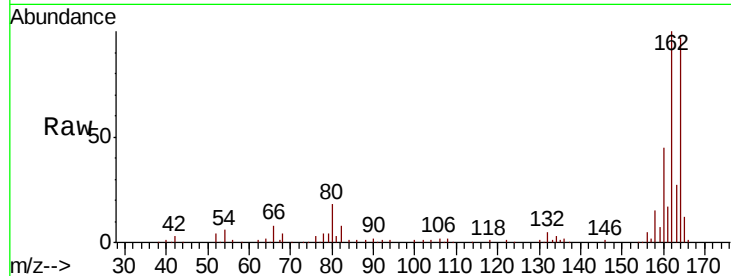
Tot Ion:164 Resp: 123423

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

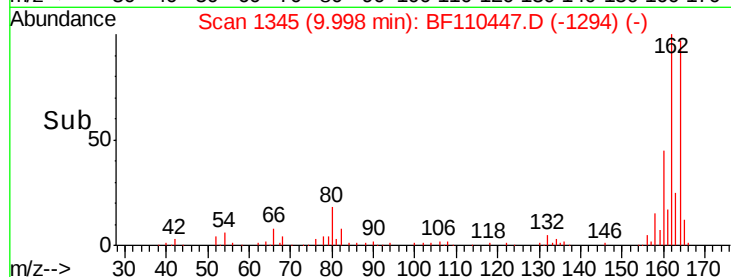
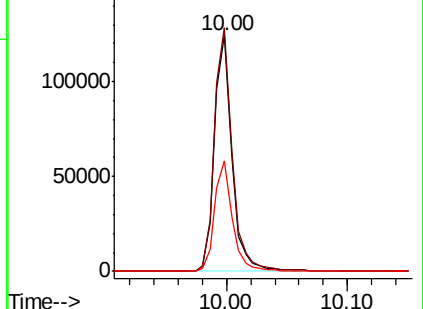
160 46.6 37.0 55.6



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: 81.735 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

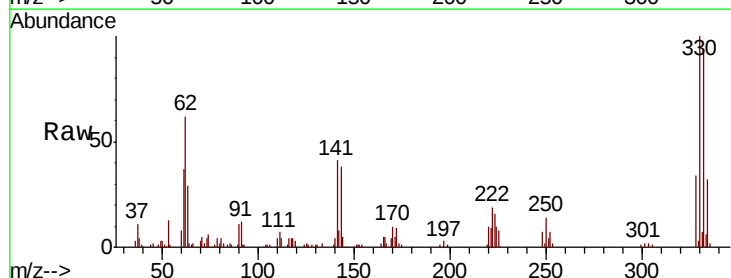
Tgt Ion:330 Resp: 99928

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

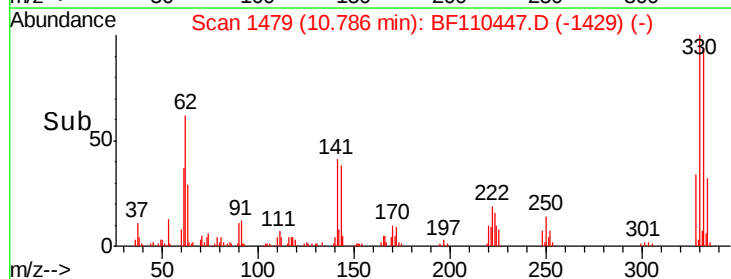
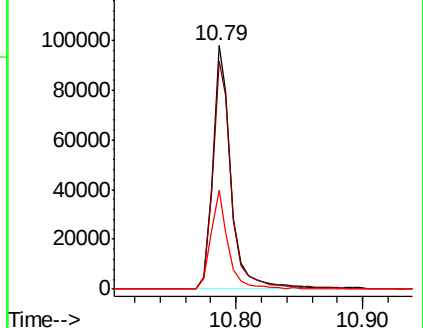
141 38.5 27.0 40.4



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

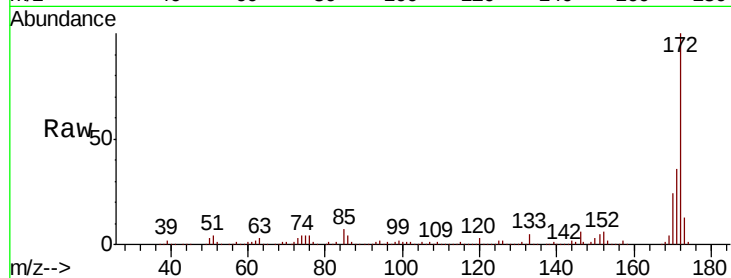




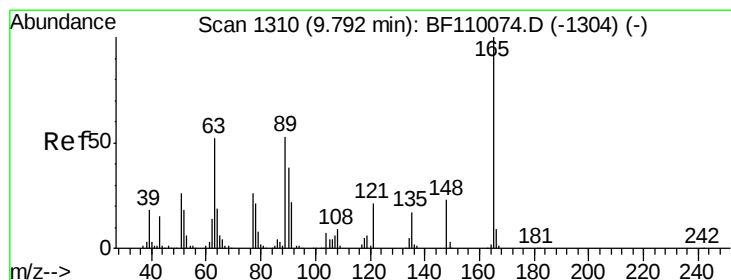
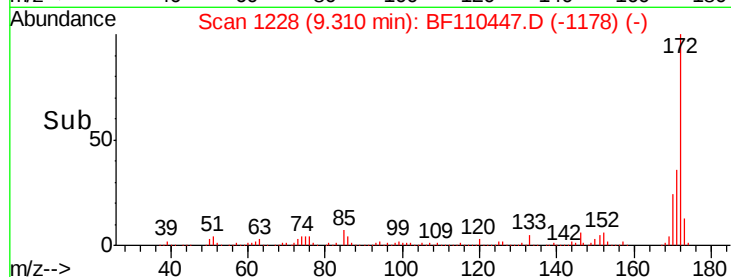
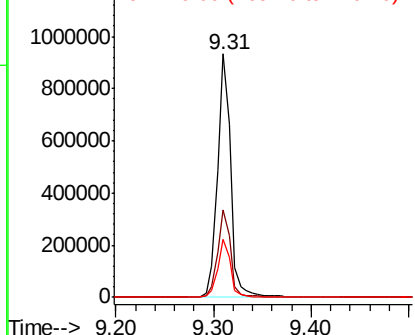
#45
 2-Fluorobiphenyl
 Concen: 111.113 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110447.D
 Acq: 3 Nov 2018 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 873354
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 19.7 29.5

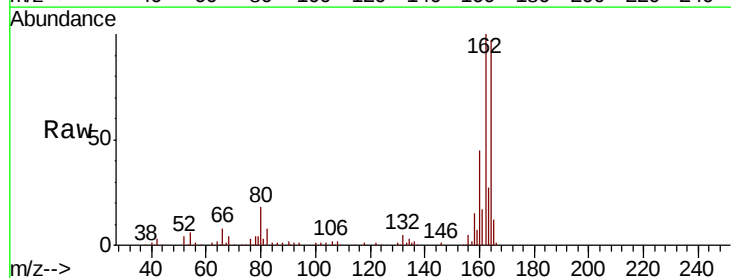


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

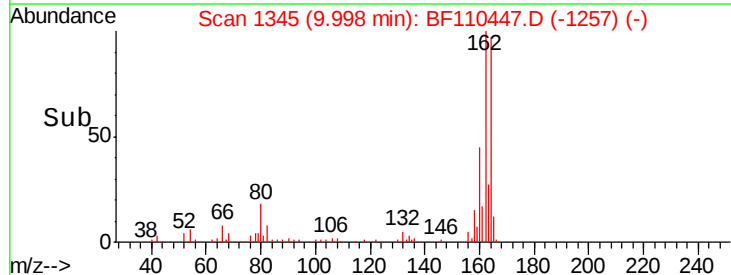
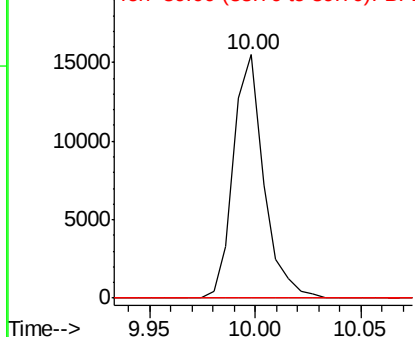


#51
 2,6-Dinitrotoluene
 Concen: 7.854 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110447.D
 Acq: 3 Nov 2018 8:31

Tgt Ion:165 Resp: 15414
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

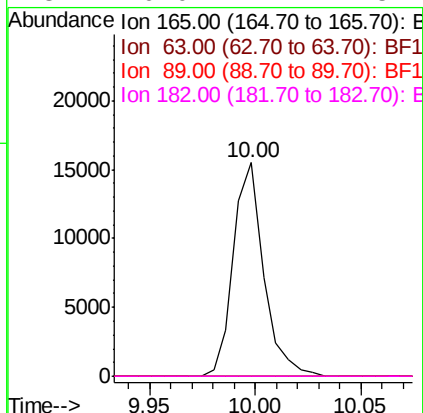
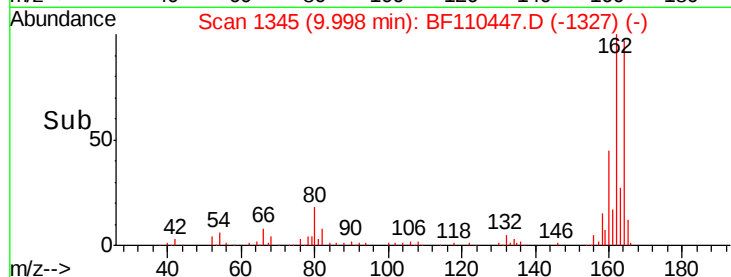
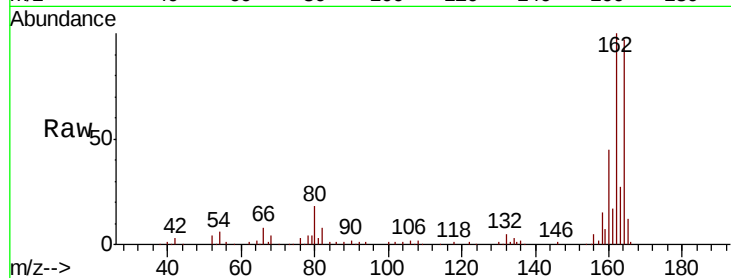




#57
2,4-Dinitrotoluene
Concen: 6.184 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

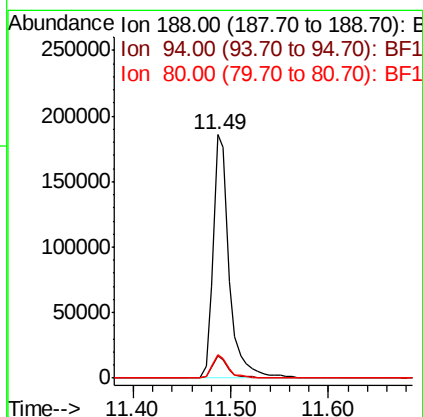
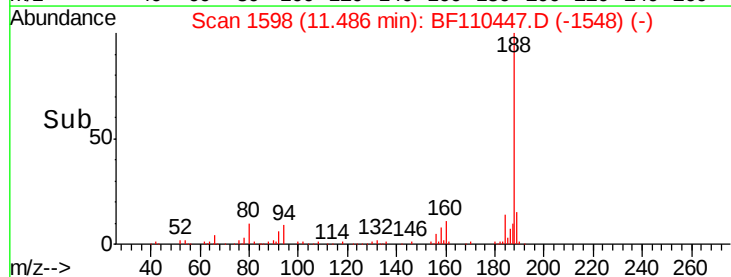
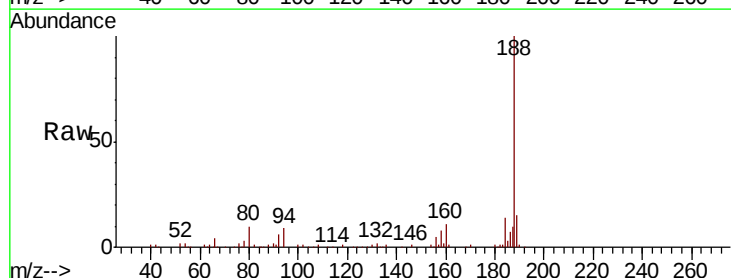
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110447.D
Acq: 3 Nov 2018 8:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.9	11.9

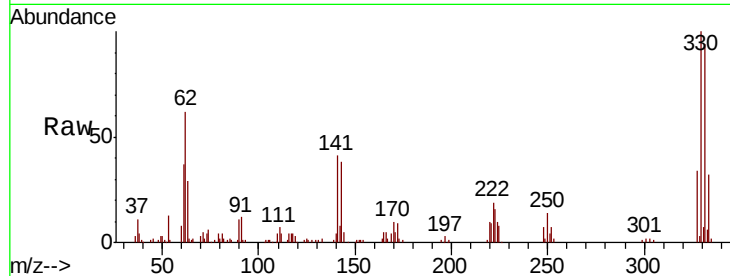




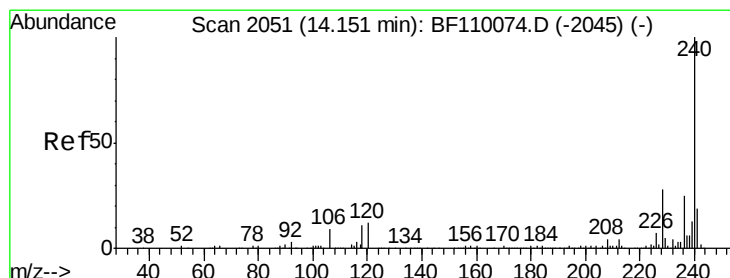
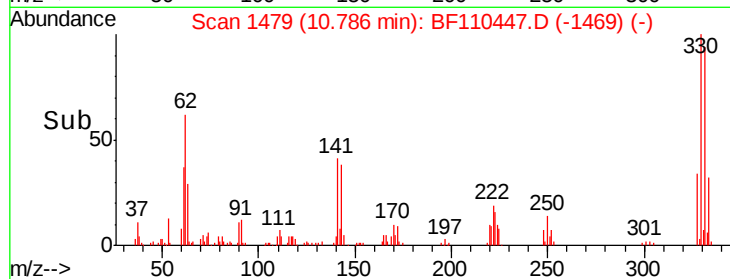
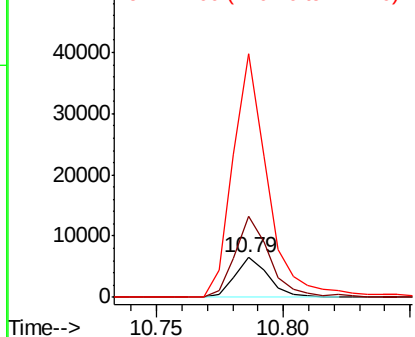
#67
 4-Bromophenyl-phenylether
 Concen: 2.609 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110447.D
 Acq: 3 Nov 2018 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6031
 Ion Ratio Lower Upper
 248 100
 250 204.4 79.4 119.2#
 141 610.5 55.9 83.9#

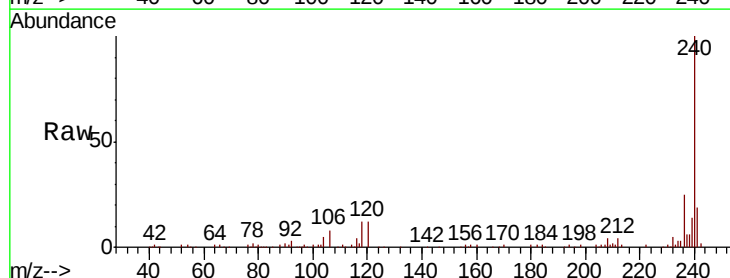


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

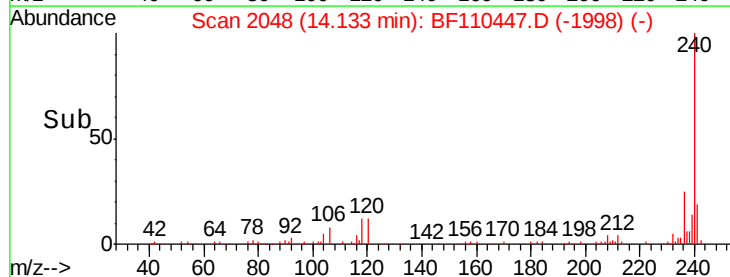
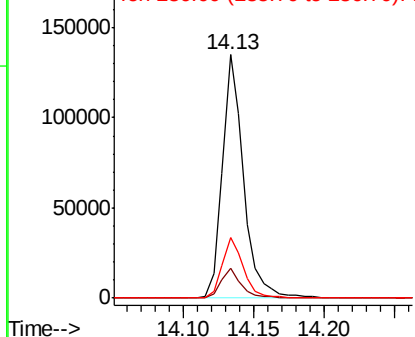


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110447.D
 Acq: 3 Nov 2018 8:31

Tgt Ion:240 Resp: 140957
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.3 12.5
 236 24.8 21.2 31.8



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: 117.468 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

Instrument :

BNA_F

ClientSampled :

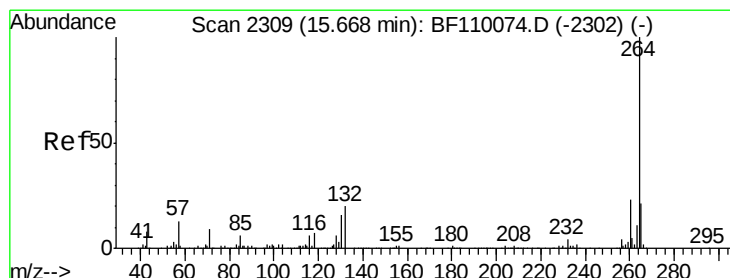
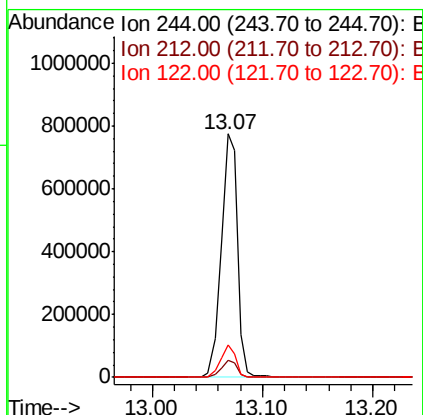
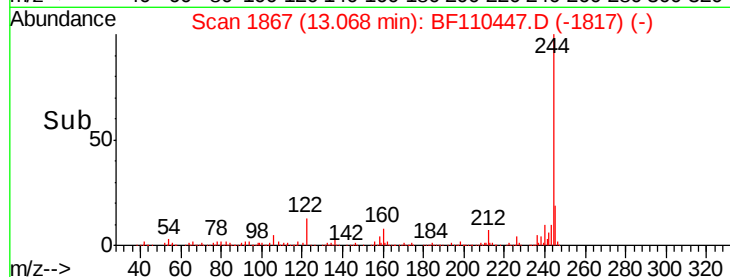
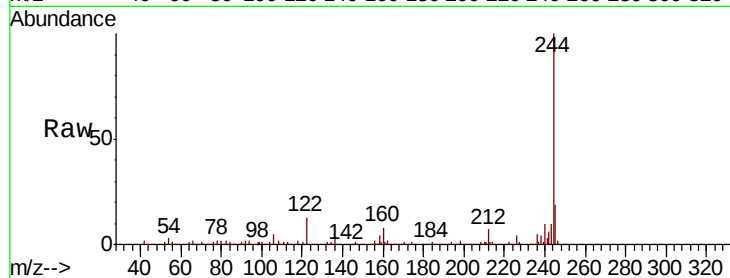
Tot Ion:244 Resp: 796162

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 13.5 8.7 13.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110447.D

Acq: 3 Nov 2018 8:31

Tgt Ion:264 Resp: 100024

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.2 16.7 25.1

