

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117770.D
 Acq On : 12 Nov 2019 20:04
 Operator : JU
 Sample : K5670-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-111119

Quant Time: Nov 13 01:15:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

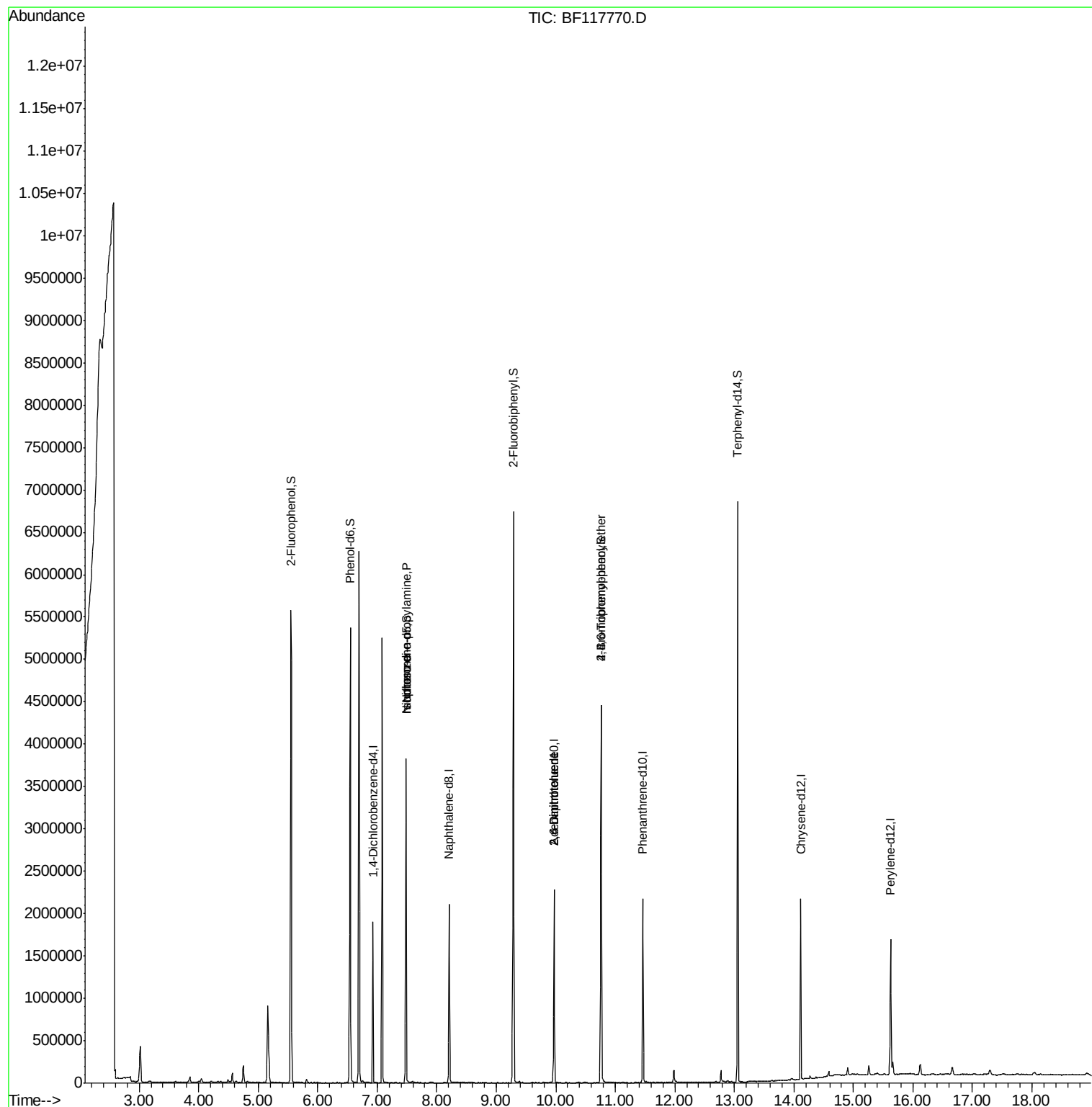
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	275109	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1034446	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496685	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	808049	20.00	ng	0.00
76) Chrysene-d12	14.12	240	671254	20.00	ng	0.00
87) Perylene-d12	15.63	264	738675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1765423	116.16	ng	0.01
7) Phenol-d6	6.55	99	2122033	113.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	1368618	78.11	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	566439	116.58	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2474225	98.29	ng	0.00
79) Terphenyl-d14	13.06	244	2312917	70.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	190487	15.459	ng	# 75
25) Isophorone	7.49	82	1363600	40.690	ng	# 63
51) 2,6-Dinitrotoluene	9.97	165	65341	8.690	ng	# 31
57) 2,4-Dinitrotoluene	9.97	165	65341	6.775	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	34789	3.942	ng	# 1

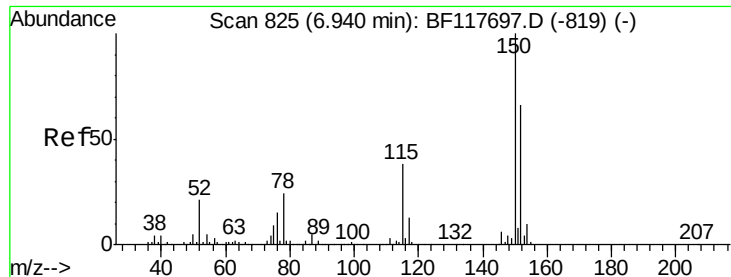
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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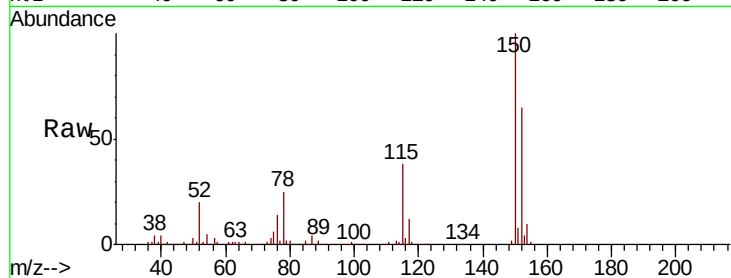


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	190.0
115	58.7	47.6	71.4

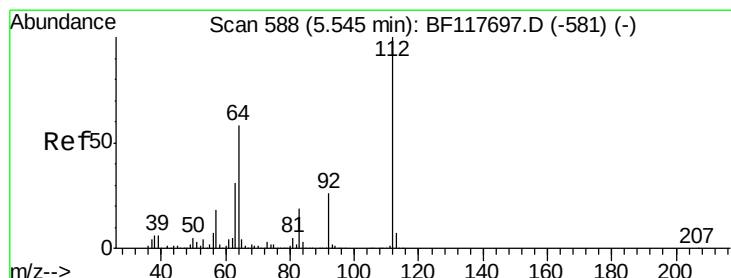
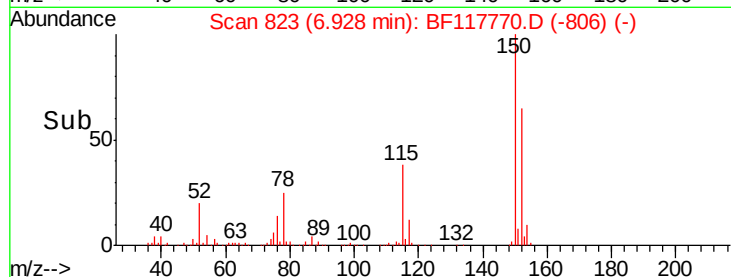
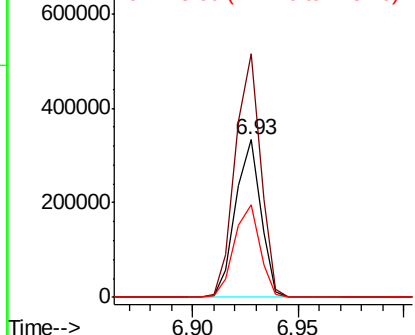


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

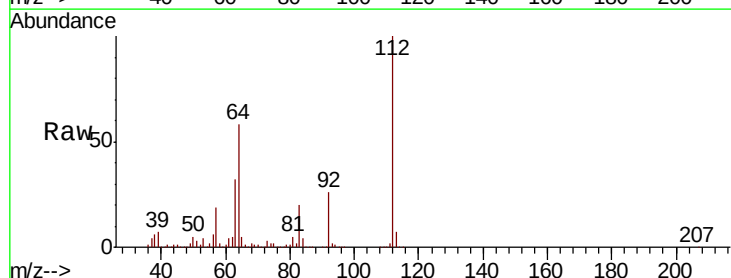
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.161 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	43.5	65.3
63	31.7	23.5	35.3

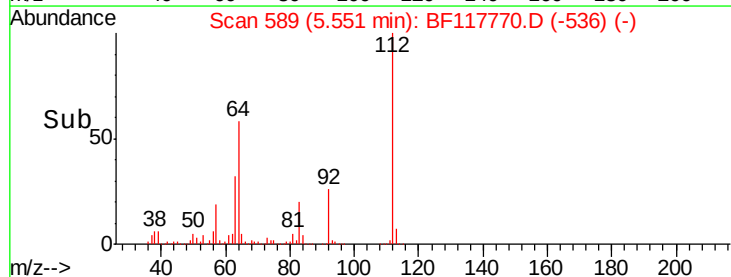
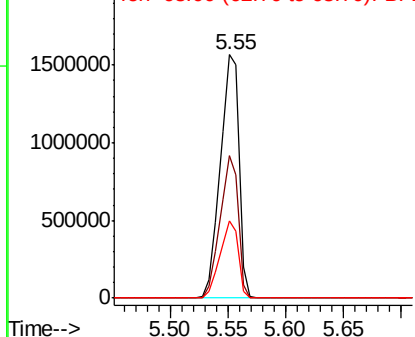


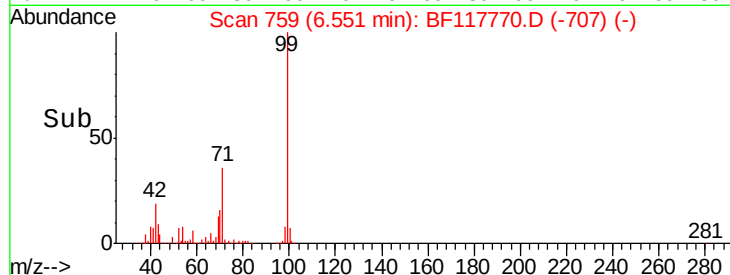
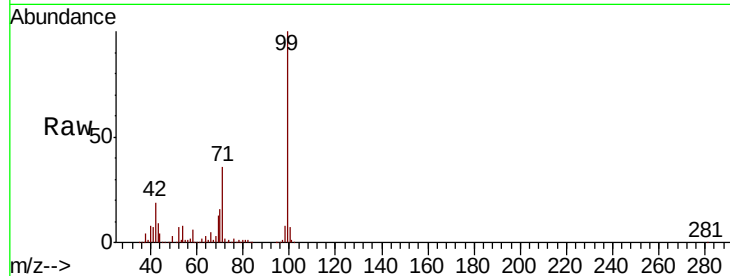
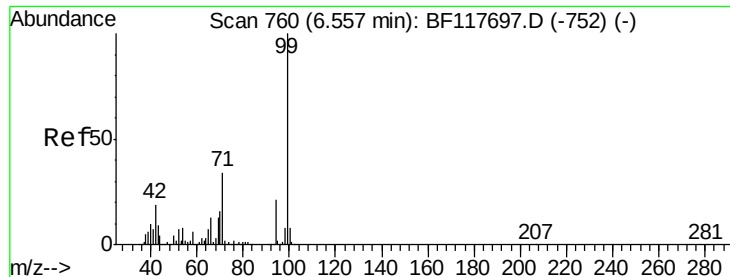
Abundance

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: 113.237 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

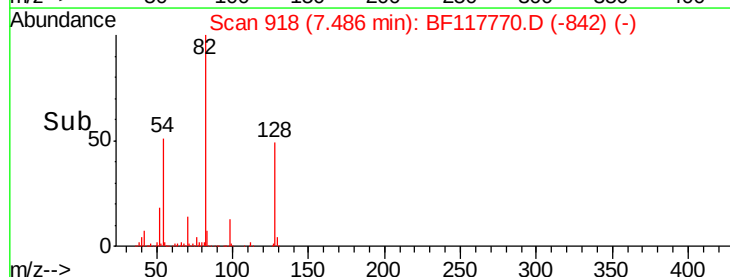
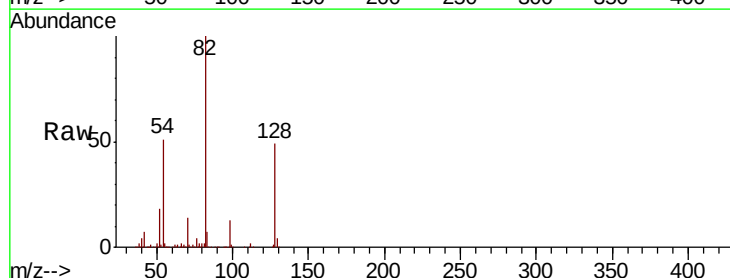
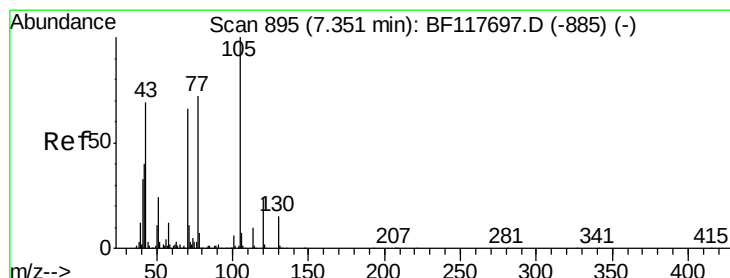
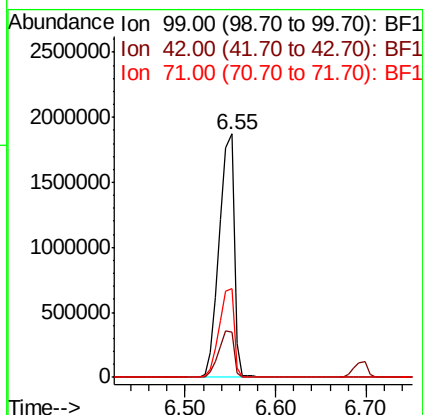
Tot Ion: 99 Resp: 2122033

Ion Ratio Lower Upper

99 100

42 18.7 15.3 22.9

71 36.3 28.2 42.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.459 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.15 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Tgt Ion: 70 Resp: 190487

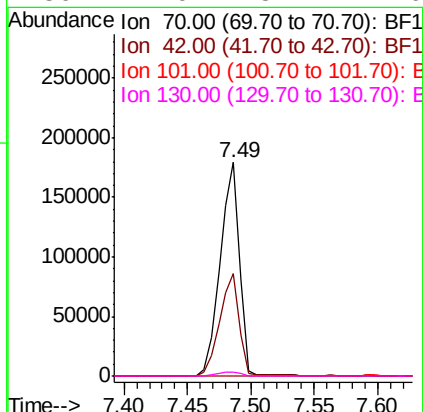
Ion Ratio Lower Upper

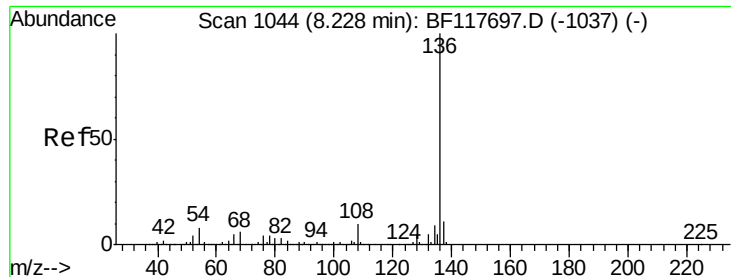
70 100

42 47.7 48.7 73.1#

101 0.0 8.4 12.6#

130 2.0 18.4 27.6#

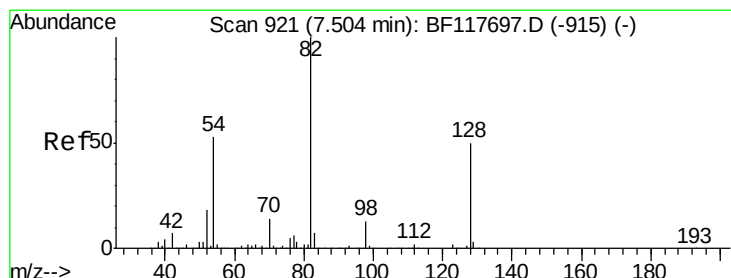
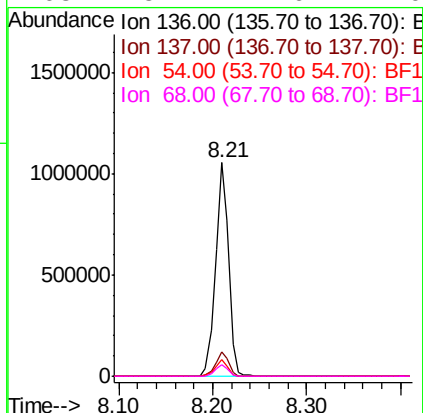
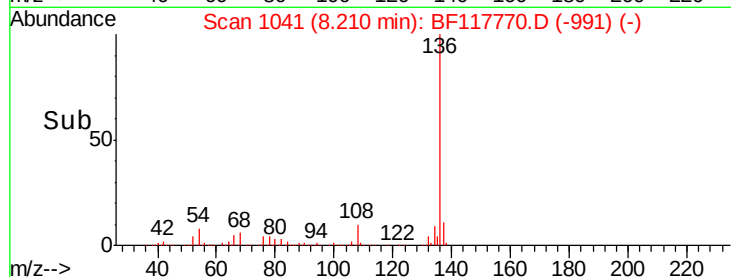
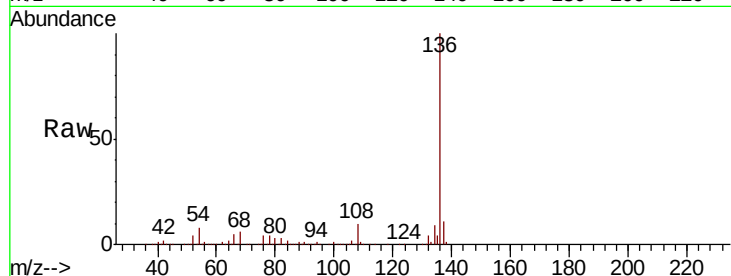




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

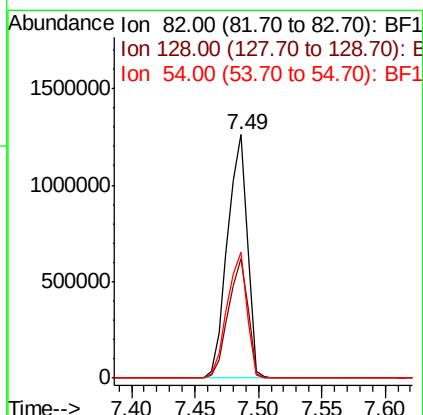
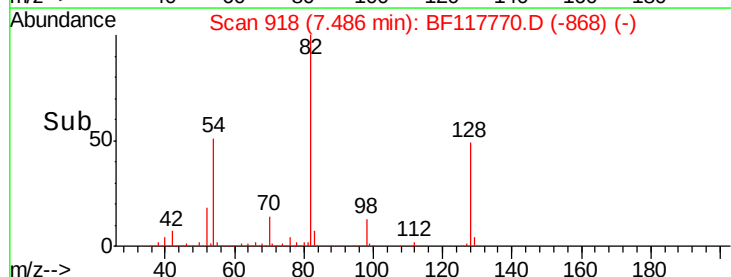
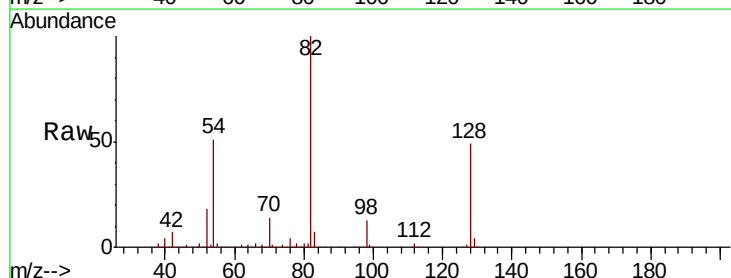
Instrument :
BNA_F
ClientSampleId :
OK-02-111119

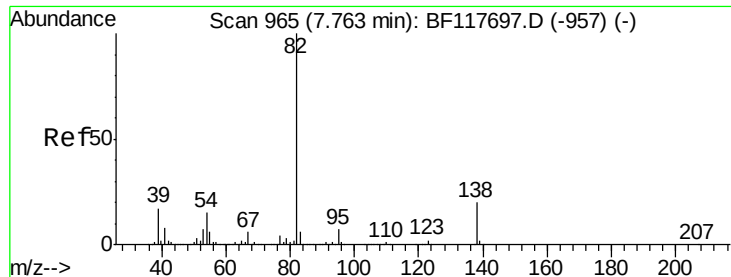
Tot Ion:136 Resp: 1034446
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.8 6.1 9.1
68 5.7 4.6 7.0



#23
Nitrobenzene-d5
Concen: 78.111 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Tgt Ion: 82 Resp: 1368618
Ion Ratio Lower Upper
82 100
128 49.2 38.7 58.1
54 51.4 41.4 62.2





#25

Isophorone

Concen: 40.690 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

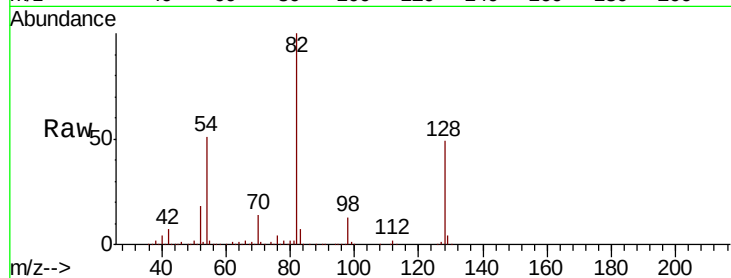
Tot Ion: 82 Resp: 1363600

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

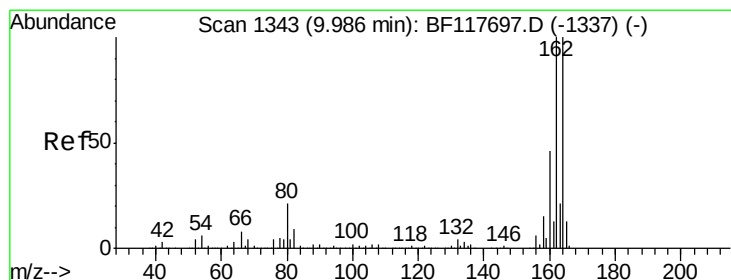
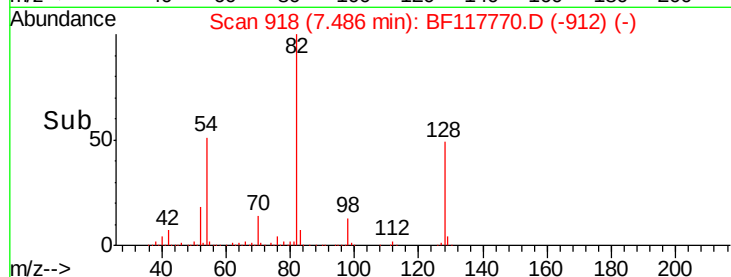
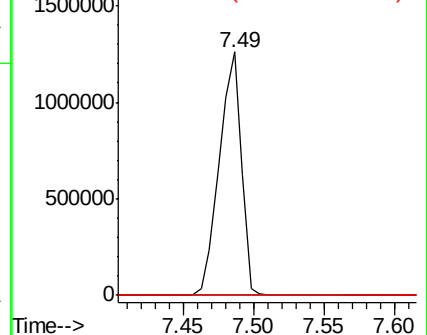
138 0.0 16.0 24.0#



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

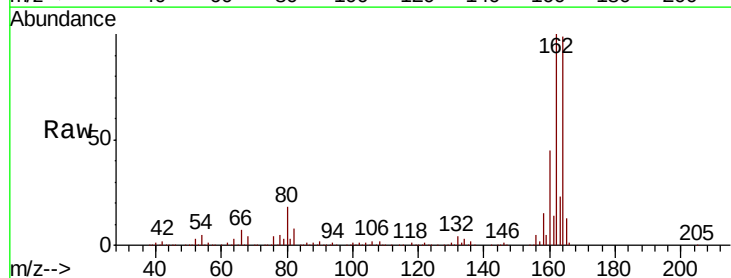
Tgt Ion:164 Resp: 496685

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

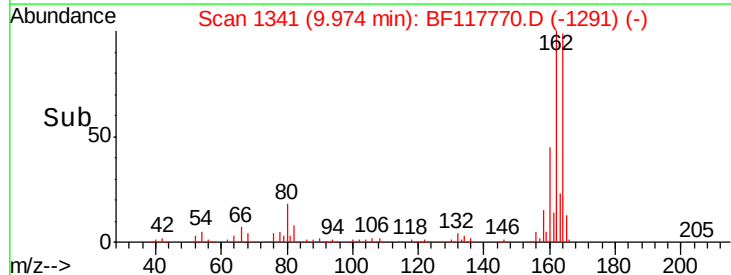
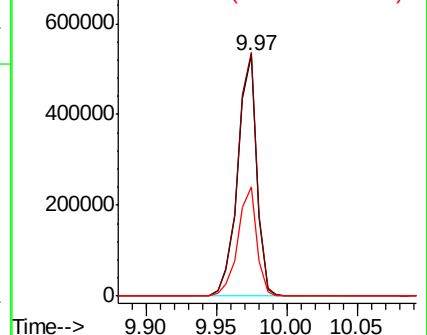
160 45.3 36.3 54.5

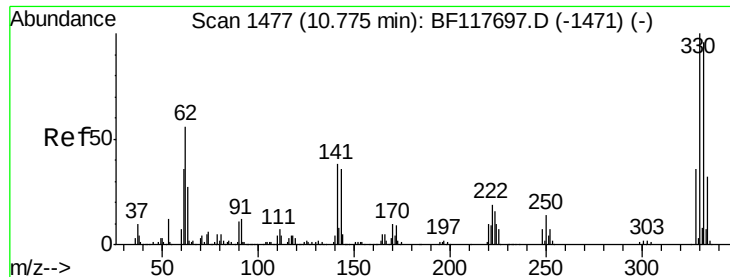


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

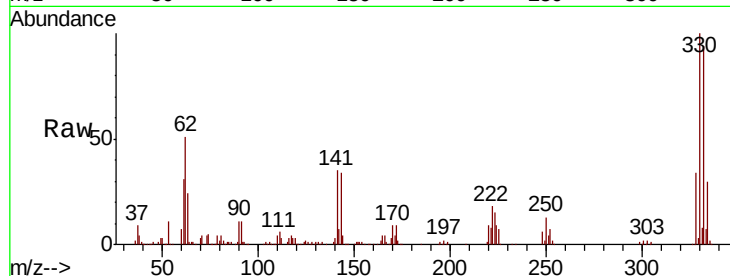




#42
 2,4,6-Tribromophenol
 Concen: 116.582 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117770.D
 Acq: 12 Nov 2019 20:04

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-111119

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	33.5	26.5	39.7

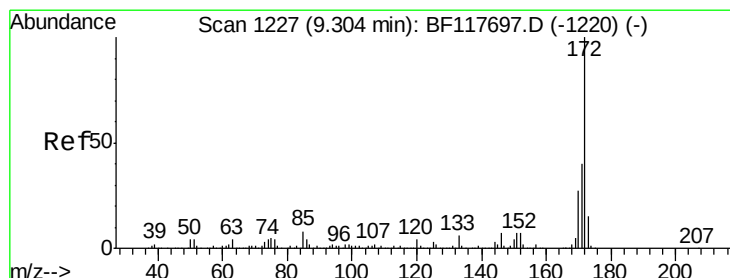
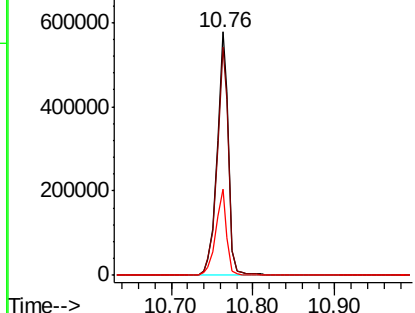
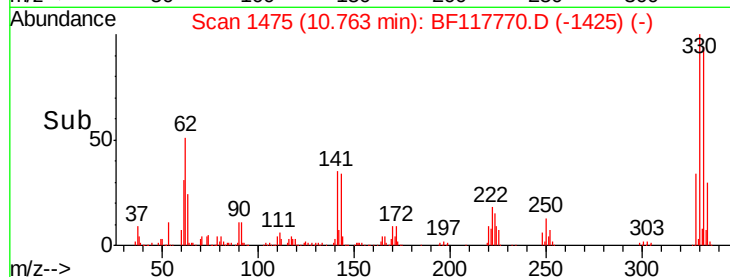


Abundance

Ion 329.80 (329.50 to 330.50): E

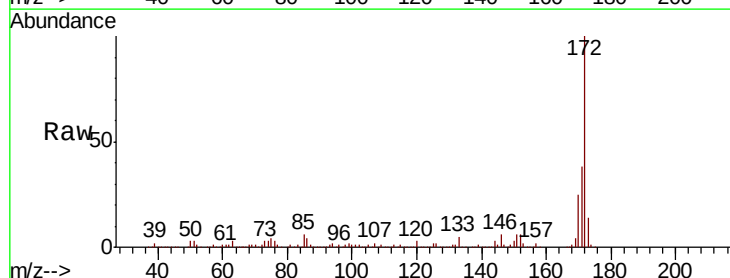
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.285 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF117770.D
 Acq: 12 Nov 2019 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.7	46.1
170	25.1	20.6	30.8

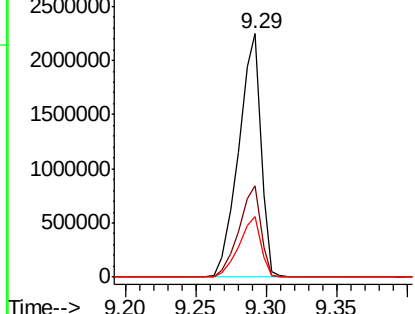
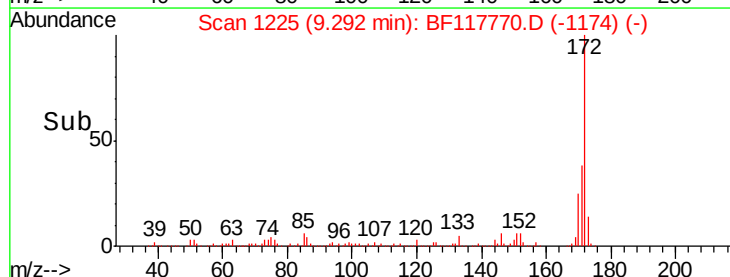


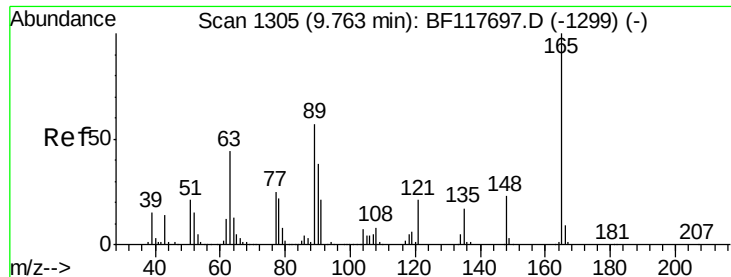
Abundance

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: 8.690 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.22 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

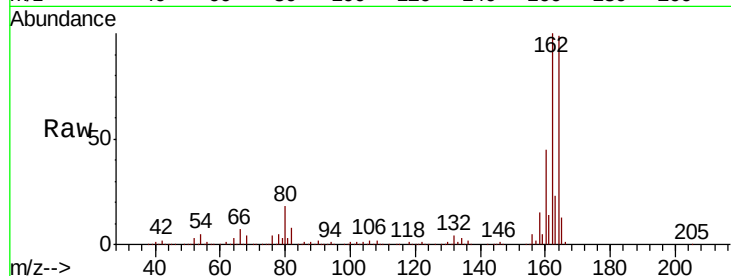
Tot Ion:165 Resp: 65341

Ion Ratio Lower Upper

165 100

63 1.1 36.6 55.0#

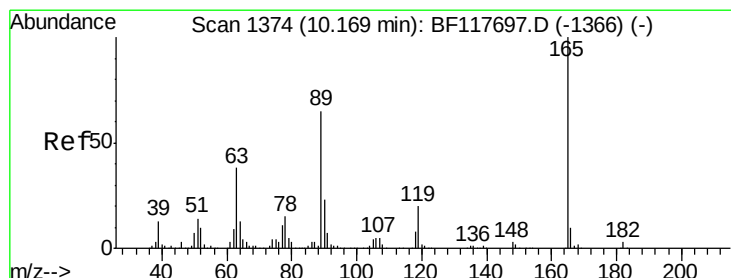
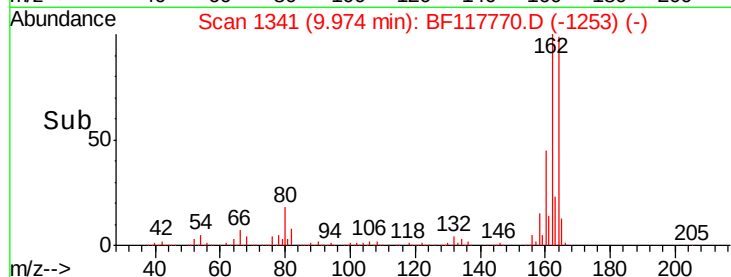
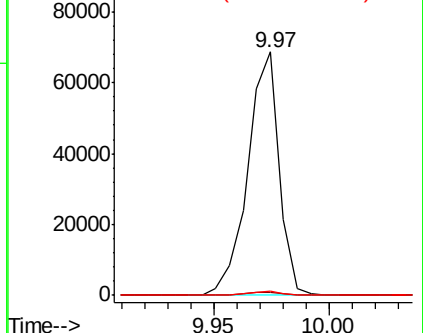
89 1.5 39.2 58.8#



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: 6.775 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.18 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Tgt Ion:165 Resp: 65341

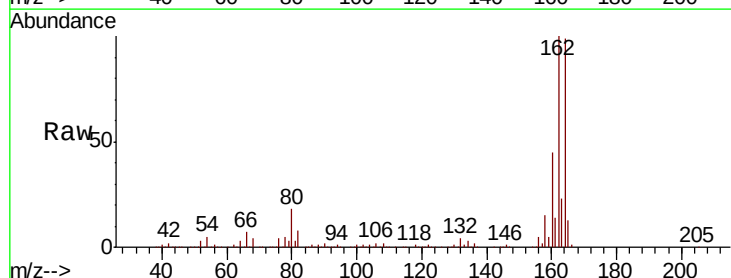
Ion Ratio Lower Upper

165 100

63 1.1 34.4 51.6#

89 1.5 57.8 86.8#

182 0.0 2.3 3.5#

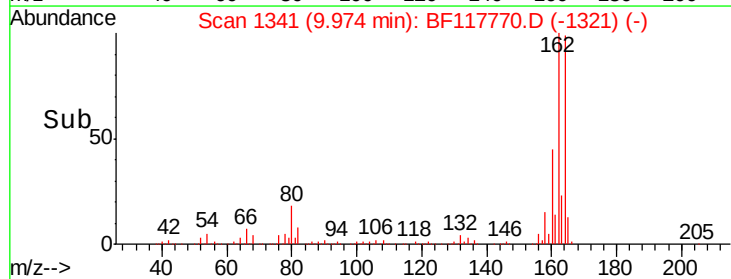
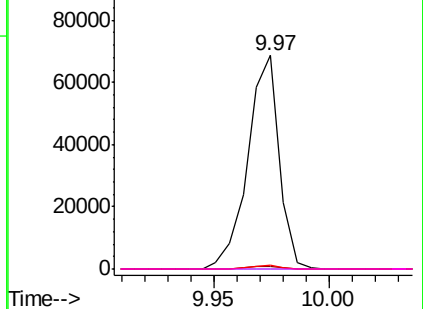


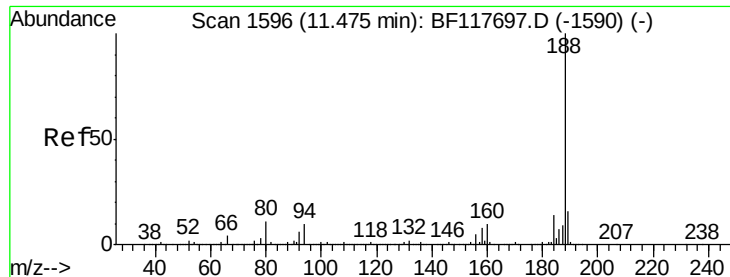
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

Instrument :

BNA_F

ClientSampleId :

OK-02-111119

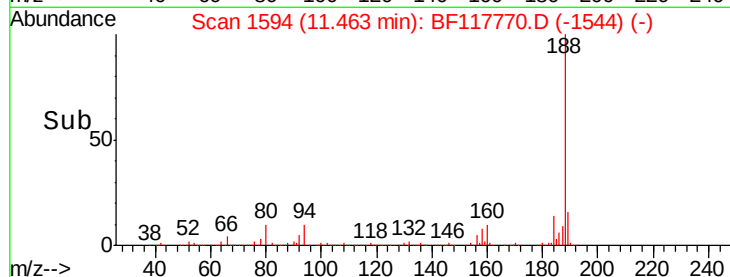
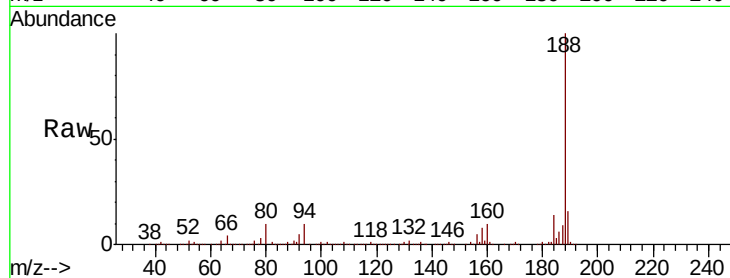
Tot Ion:188 Resp: 808049

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

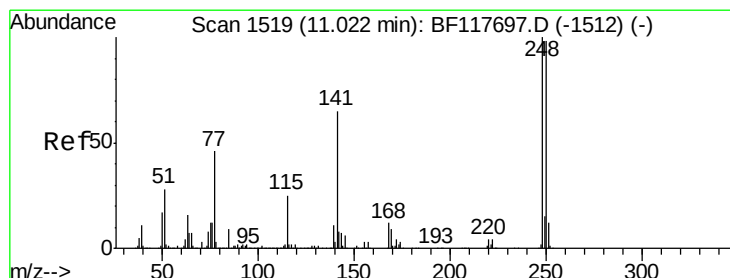
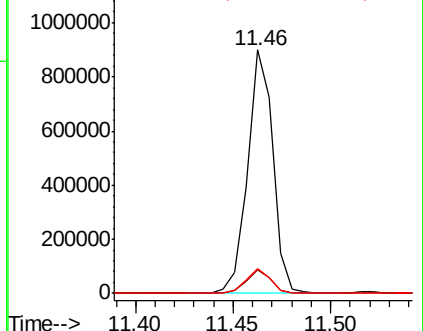
80 10.3 8.1 12.1



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: 3.942 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.25 min

Lab File: BF117770.D

Acq: 12 Nov 2019 20:04

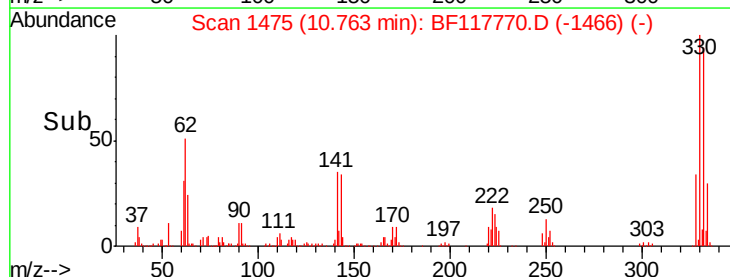
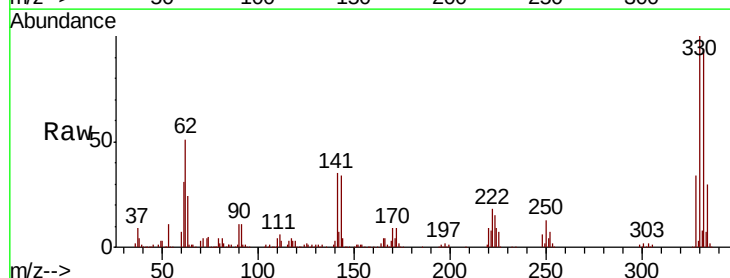
Tgt Ion:248 Resp: 34789

Ion Ratio Lower Upper

248 100

250 213.6 77.8 116.6#

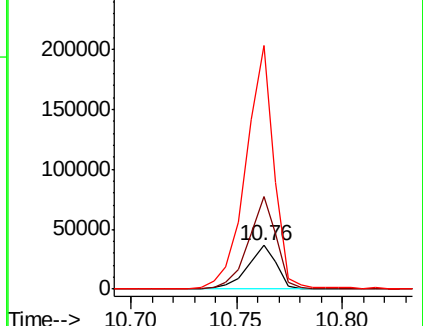
141 558.2 58.6 88.0#

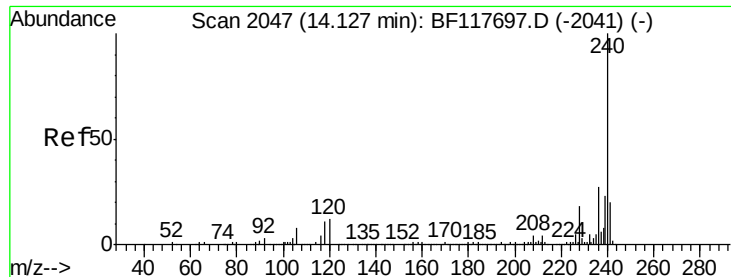


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

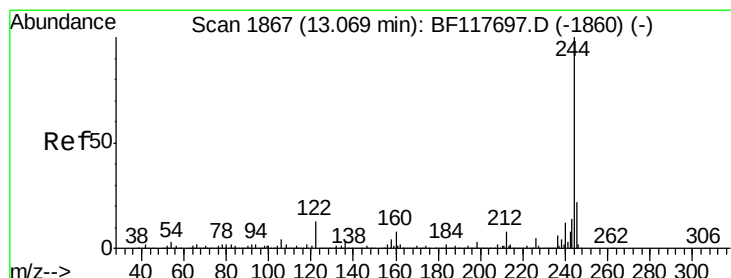
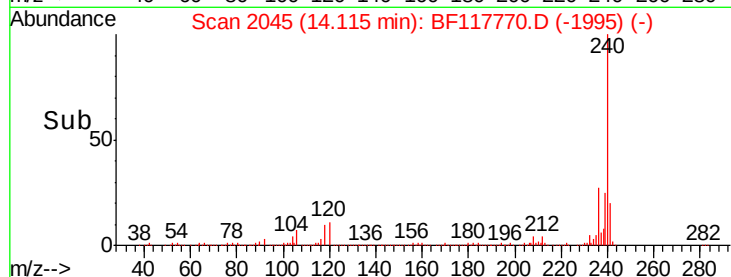
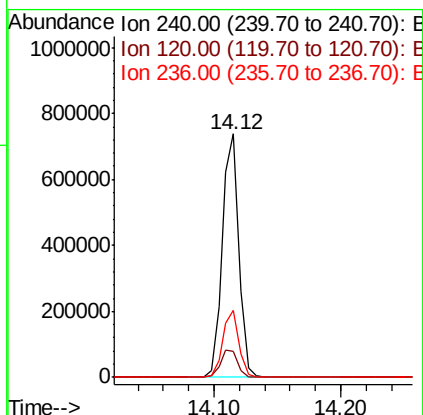
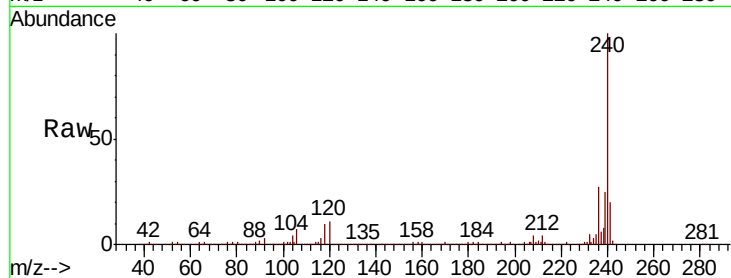




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF117770.D
 Acq: 12 Nov 2019 20:04

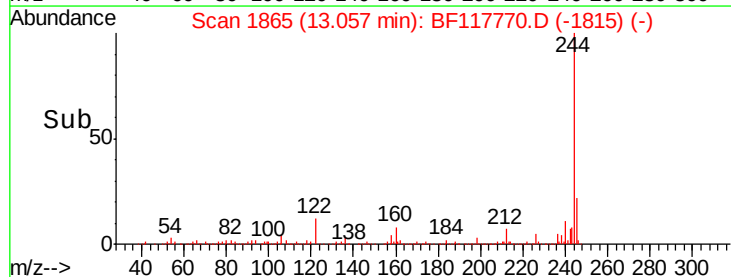
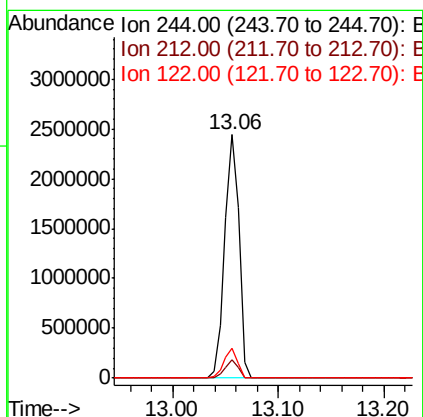
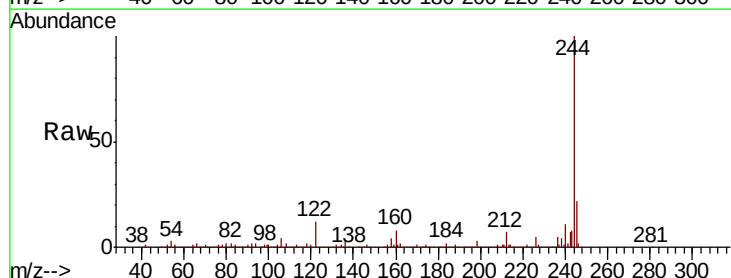
Instrument :
 BNA_F
 ClientSampleId :
 OK-02-111119

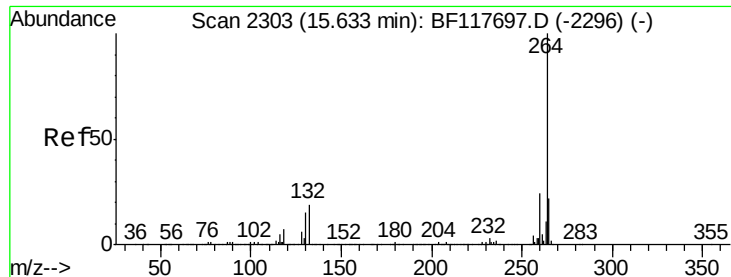
Tot Ion:240 Resp: 671254
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.3 13.9
 236 27.4 21.4 32.0



#79
 Terphenyl-d14
 Concen: 70.932 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117770.D
 Acq: 12 Nov 2019 20:04

Tgt Ion:244 Resp: 2312917
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 12.1 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF117770.D
Acq: 12 Nov 2019 20:04

Instrument :
BNA_F
ClientSampleId :
OK-02-111119

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.7	17.2	25.8

