

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121346.D
 Acq On : 20 Aug 2020 14:41
 Operator : JU/CG
 Sample : L3689-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 20 15:36:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

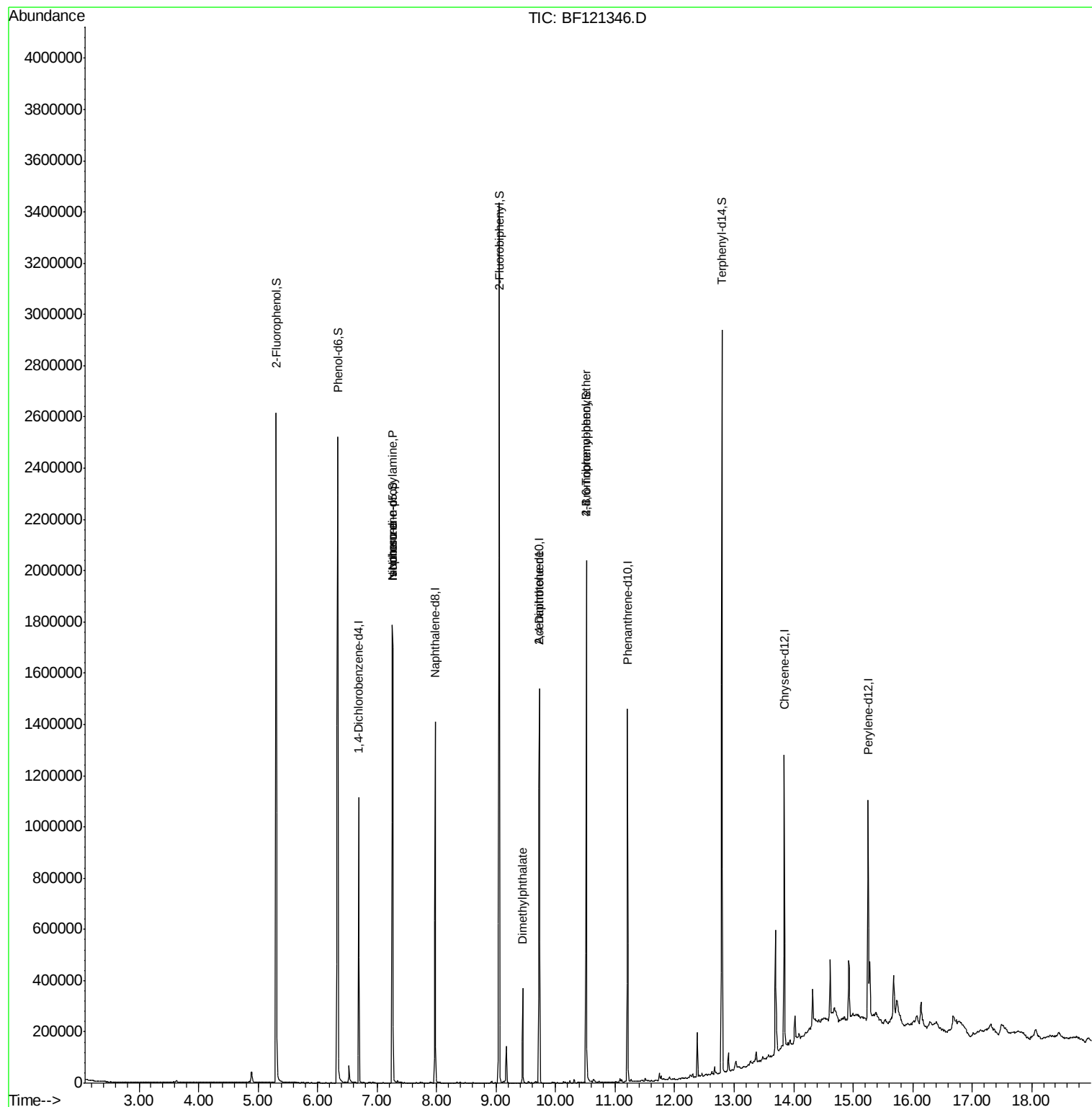
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	152636	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	585771	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	296807	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	545333	20.00	ng	0.00
76) Chrysene-d12	13.84	240	395153	20.00	ng	0.00
86) Perylene-d12	15.25	264	415177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	796589	85.58	ng	0.00
7) Phenol-d6	6.34	99	963701	81.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	629367	60.77	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	270362	78.17	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1102380	68.84	ng	0.00
79) Terphenyl-d14	12.80	244	1029222	50.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	82507	12.910	ng	# 80
25) Isophorone	7.26	82	627414	33.287	ng	# 65
50) Dimethylphthalate	9.45	163	129521	5.998	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	37776	6.715	ng	# 25
58) Fluorene	10.52	166	10278	Below Cal		# 82
67) 4-Bromophenyl-phenylether	10.52	248	15029	2.484	ng	# 1

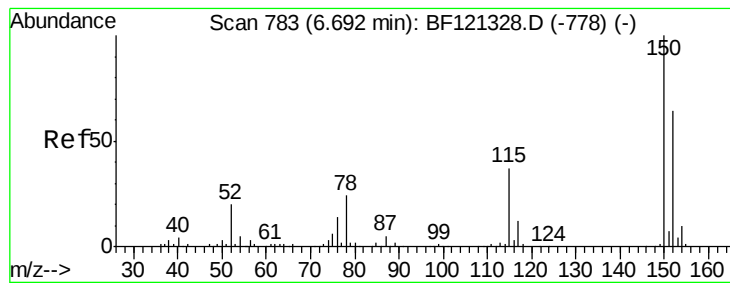
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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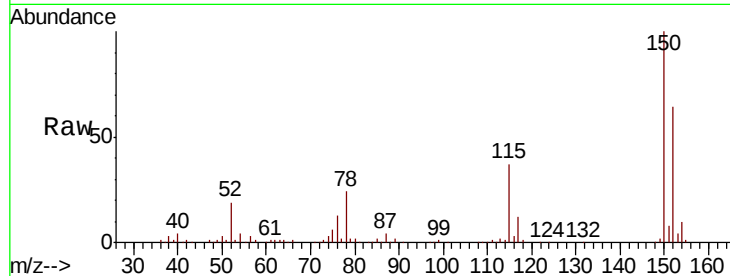


#1

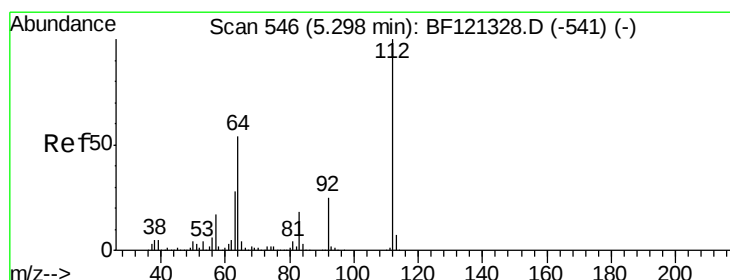
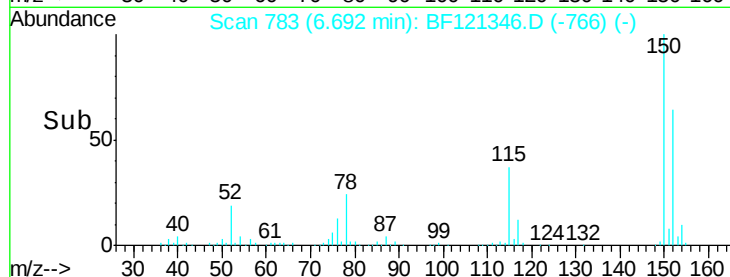
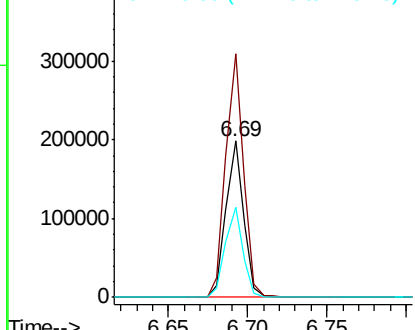
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	58.0	46.1	69.1



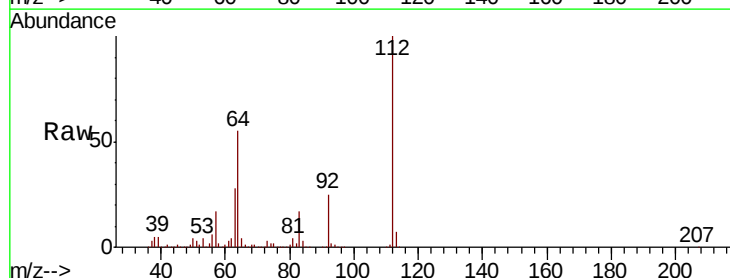
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



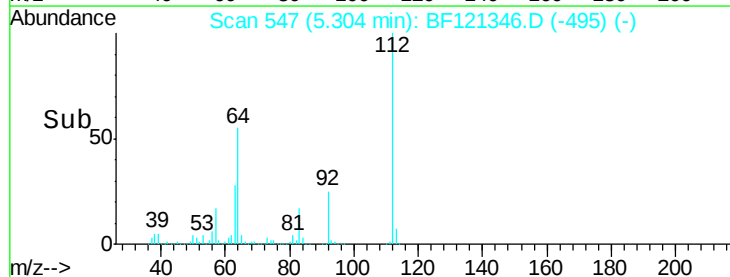
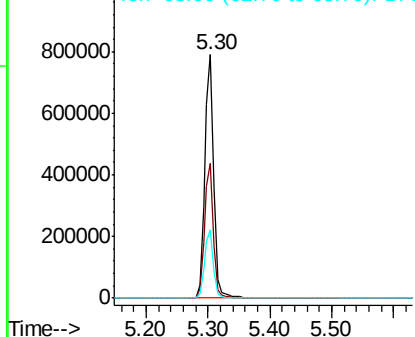
#5

2-Fluorophenol
 Concen: 85.576 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.5	65.3
63	27.9	22.0	33.0



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: 81.098 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-4

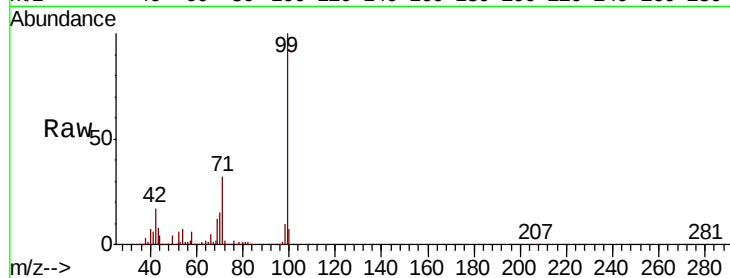
Tot Ion: 99 Resp: 963701

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

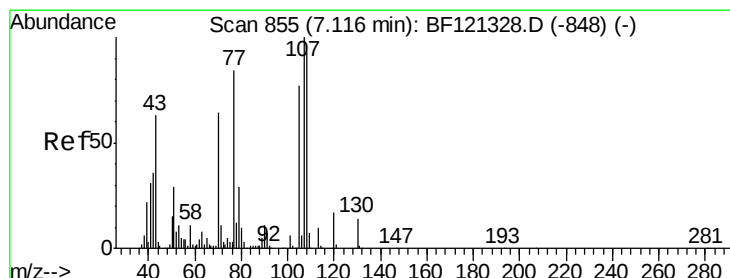
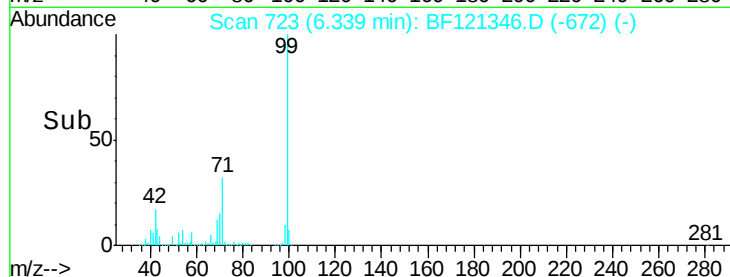
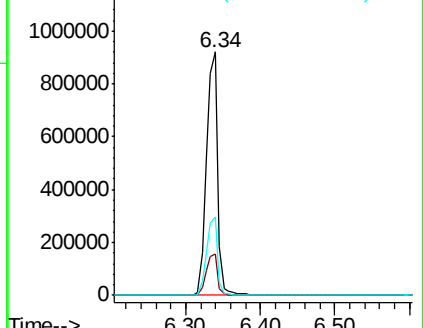
71 32.1 25.2 37.8



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: 12.910 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

Tgt Ion: 70 Resp: 82507

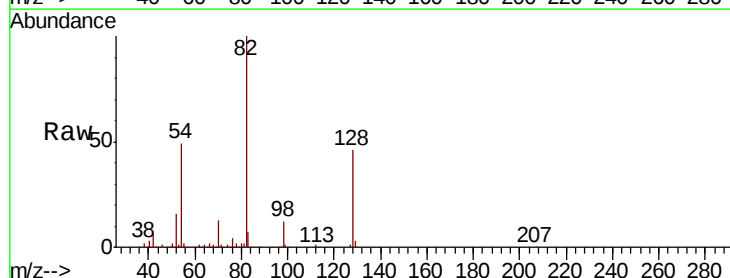
Ion Ratio Lower Upper

70 100

42 48.4 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#

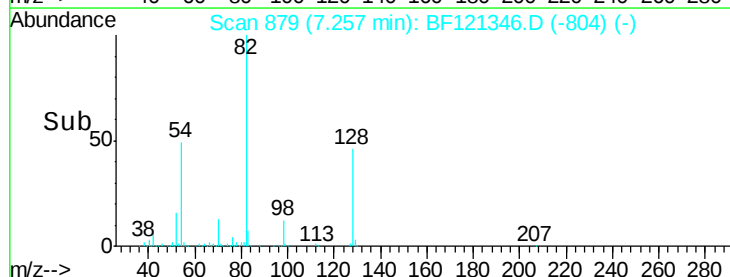
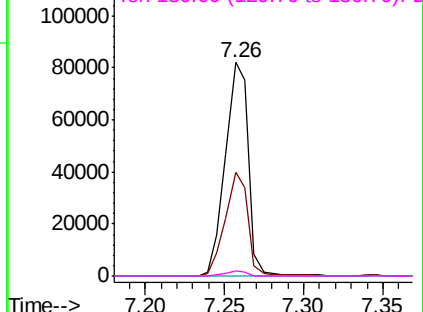


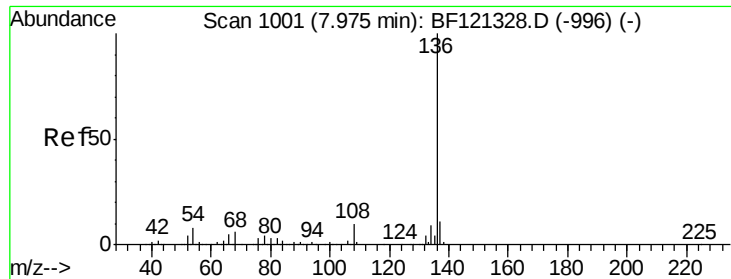
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

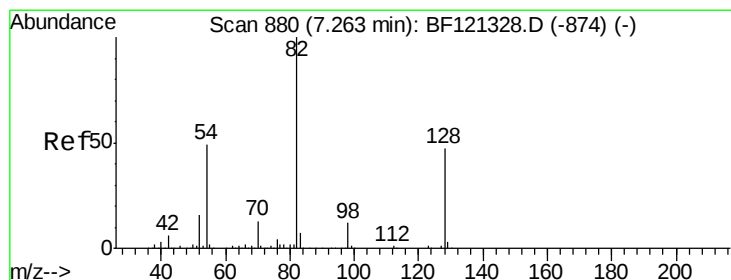
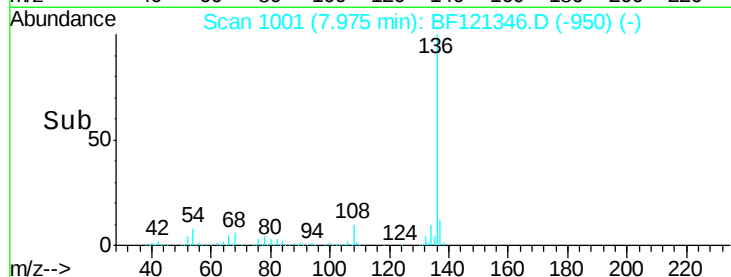
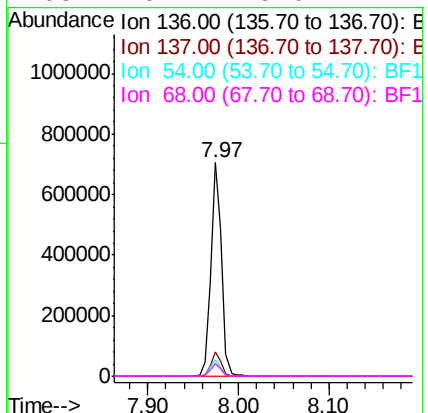
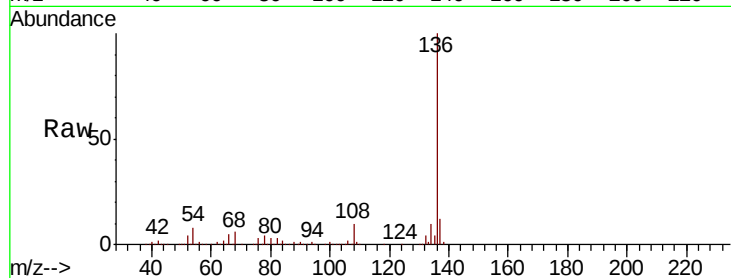




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

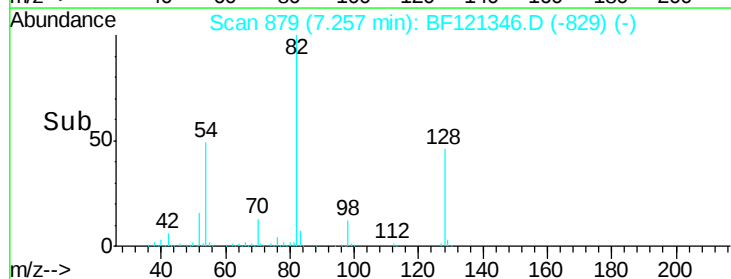
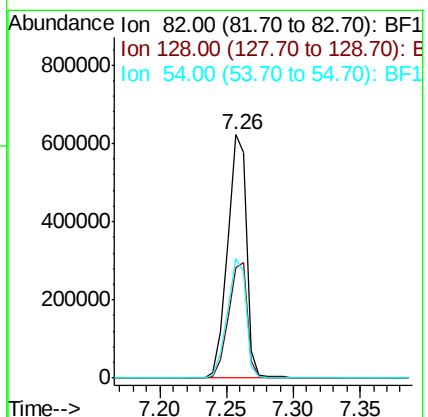
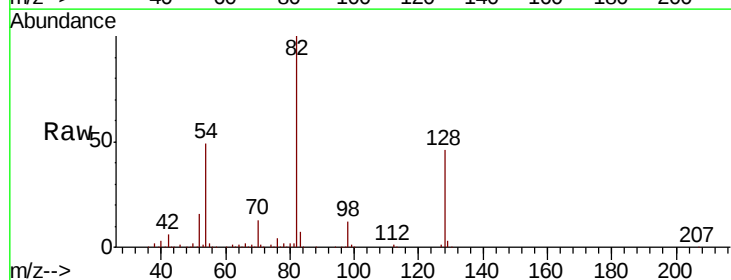
Instrument :
BNA_F
ClientSampleId :
TP-4

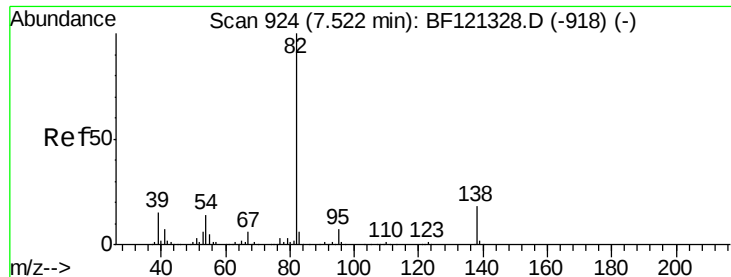
Tot Ion:136	Resp:	585771
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 7.9	6.1	9.1
68 6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 60.765 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

Tgt	Ion: 82	Resp:	629367
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.9	56.9
54	48.9	39.0	58.4





#25

Isophorone

Concen: 33.287 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

Instrument :

BNA_F

ClientSampled :

TP-4

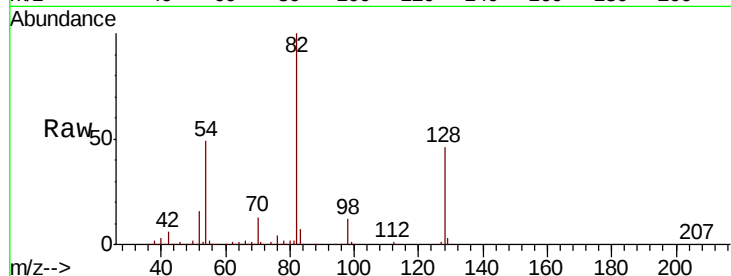
Tot Ion: 82 Resp: 627414

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

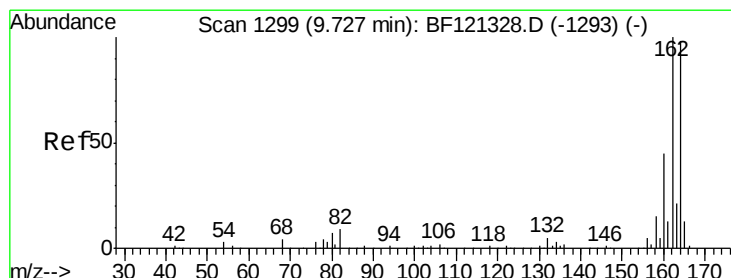
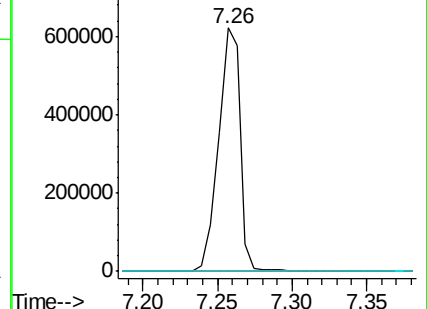
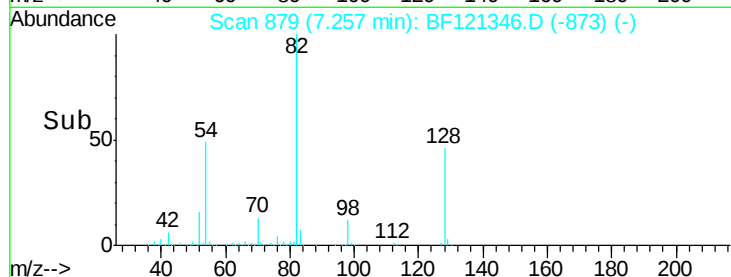
138 0.0 14.6 21.8#



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: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

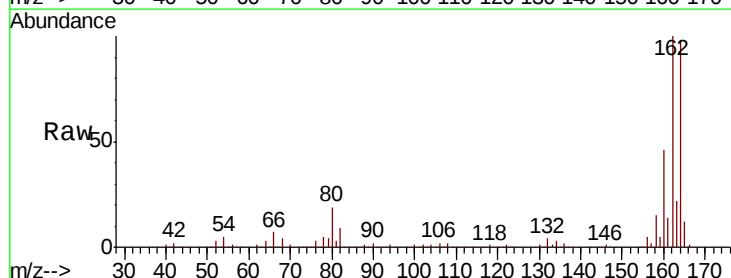
Tgt Ion:164 Resp: 296807

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

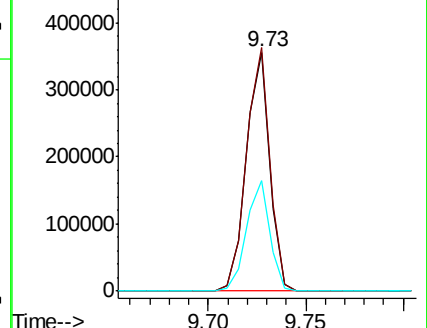
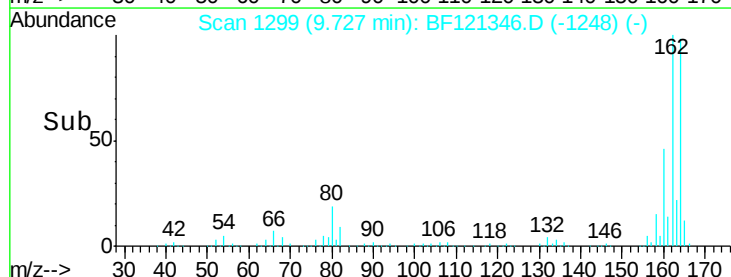
160 46.5 37.0 55.4

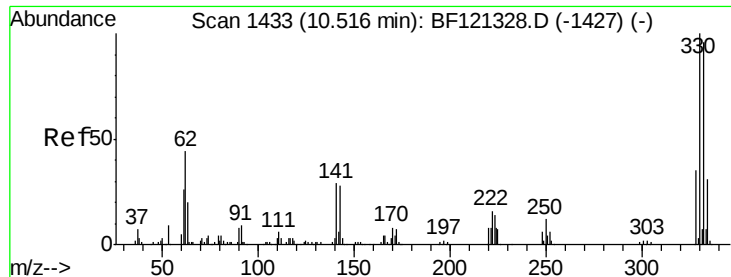


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

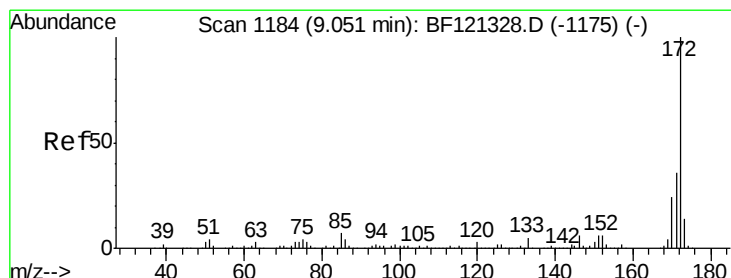
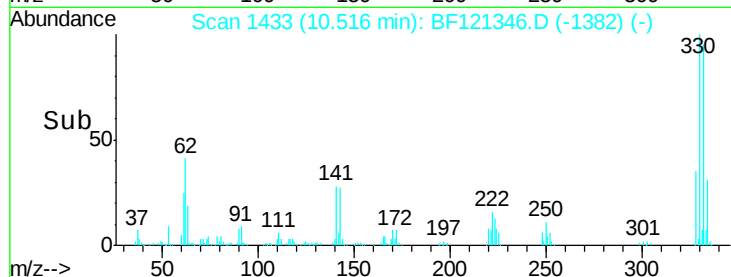
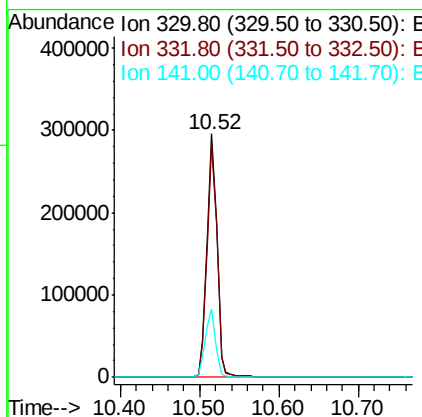
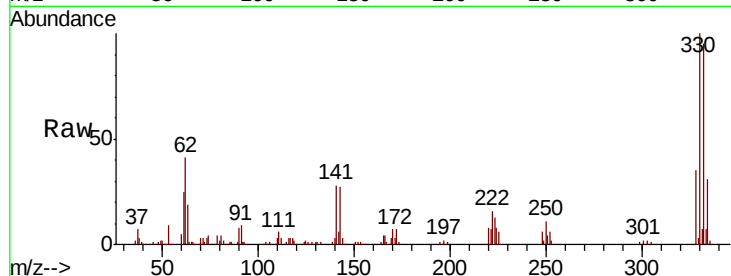




#42
 2,4,6-Tribromophenol
 Concen: 78.168 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

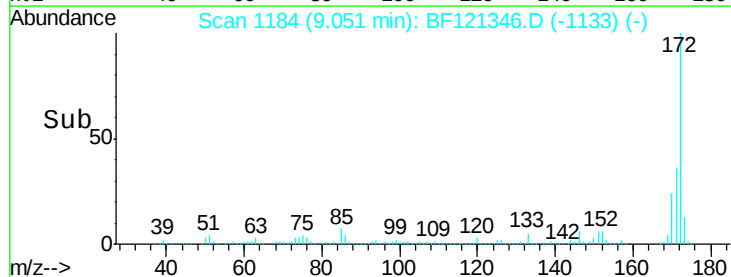
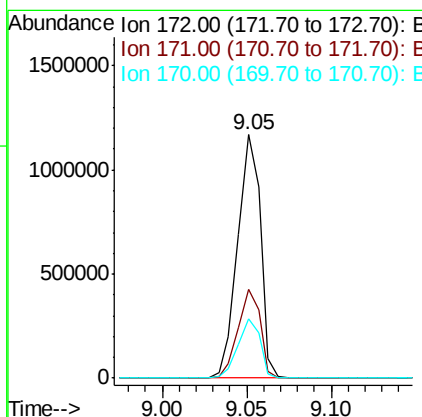
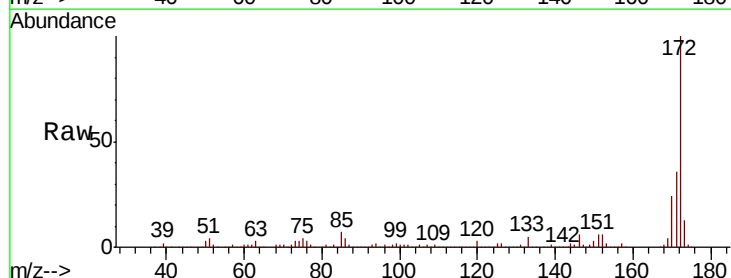
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

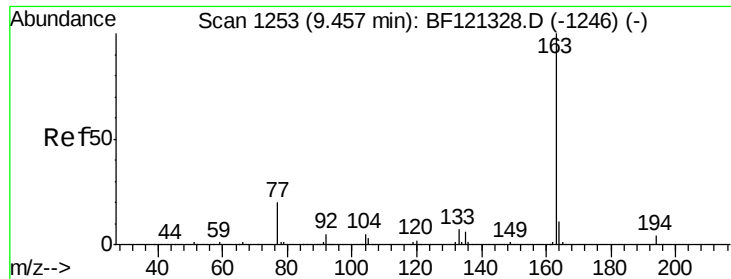
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	28.7	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 68.843 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.1	19.4	29.2

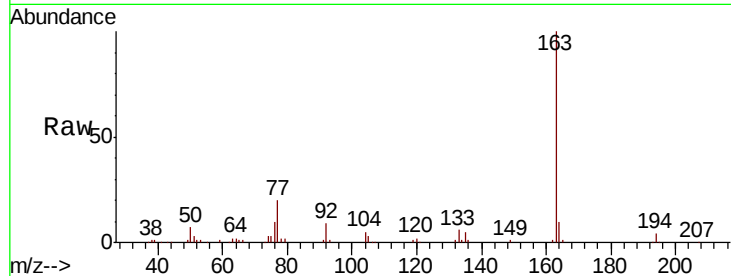




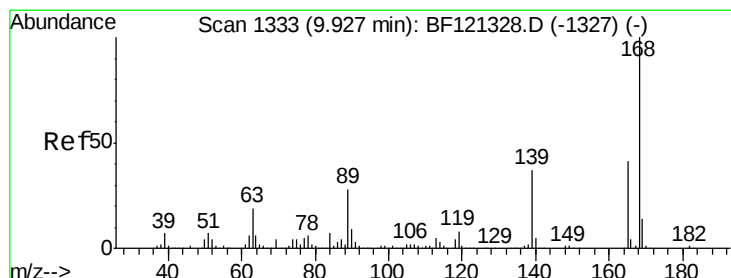
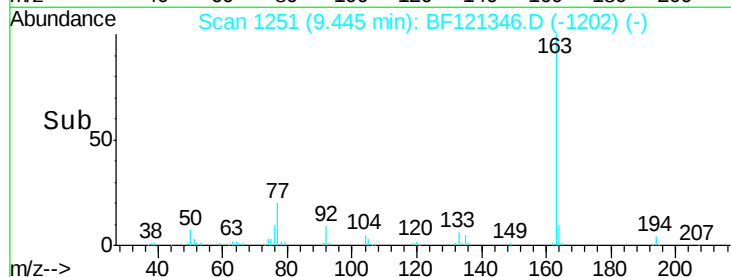
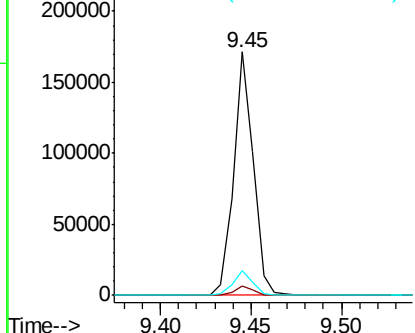
#50
Dimethylphthalate
Concen: 5.998 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.8	3.0	4.6	
164	10.1	8.4	12.6	



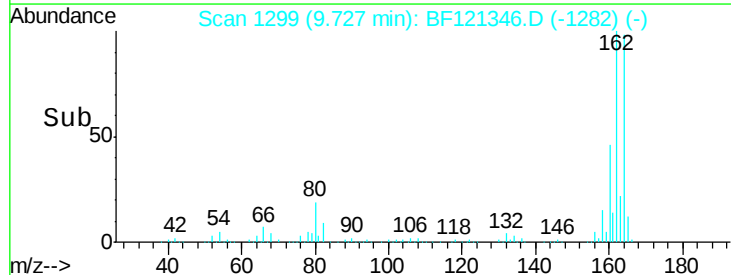
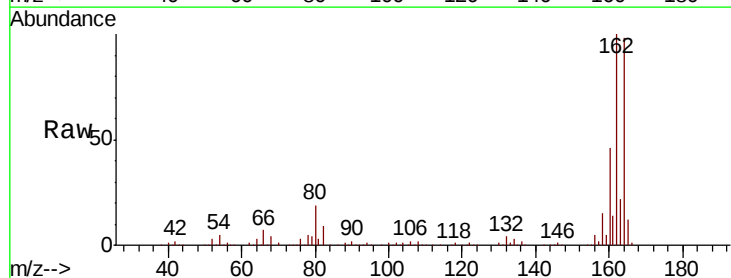
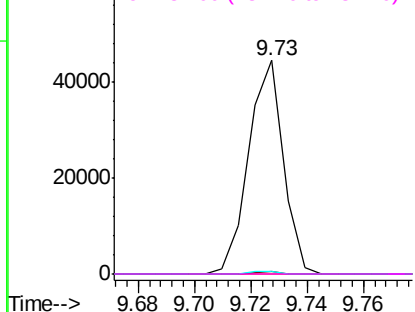
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

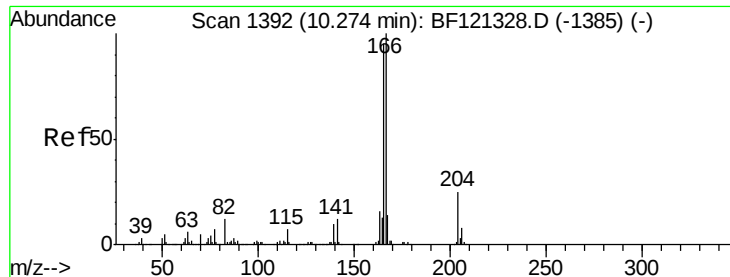


#57
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	1.0	37.5	56.3#	
89	1.4	54.2	81.4#	
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





#58

Fluorene

Concen: Below Cal

RT: 10.52 min Scan# 1433

Delta R.T. 0.24 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-4

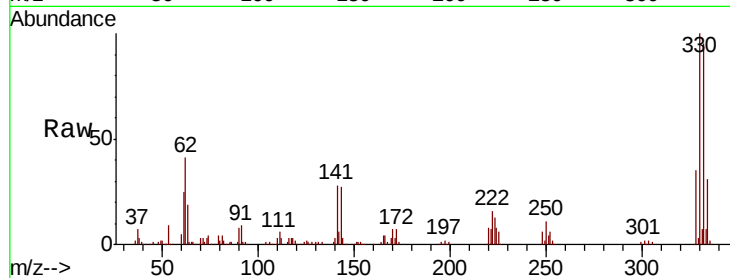
Tot Ion:166 Resp: 10278

Ion Ratio Lower Upper

166 100

165 107.4 75.8 113.8

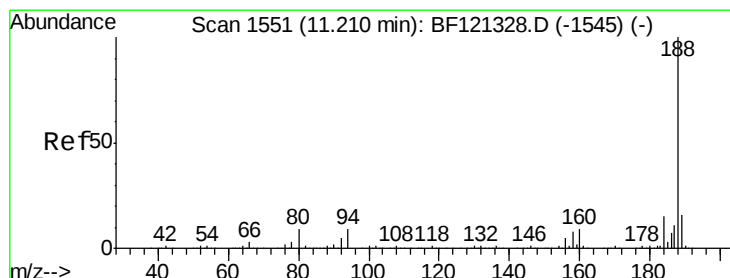
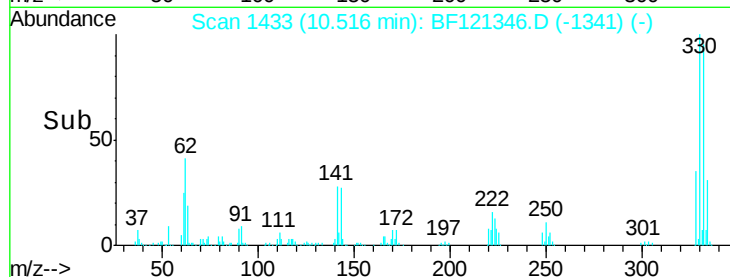
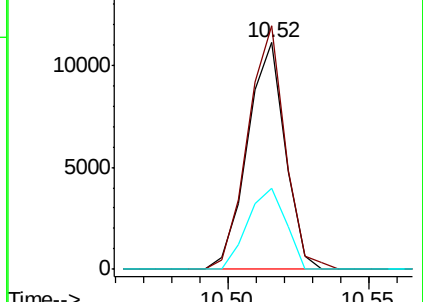
167 35.8 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF121346.D

Acq: 20 Aug 2020 14:41

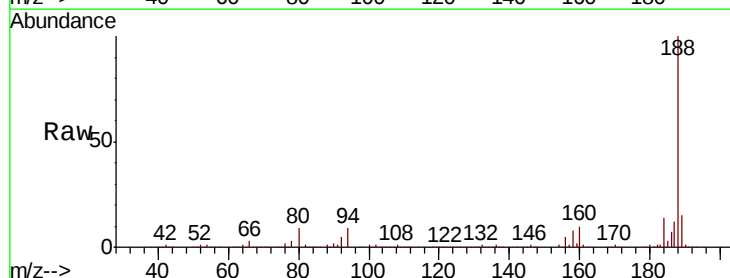
Tgt Ion:188 Resp: 545333

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

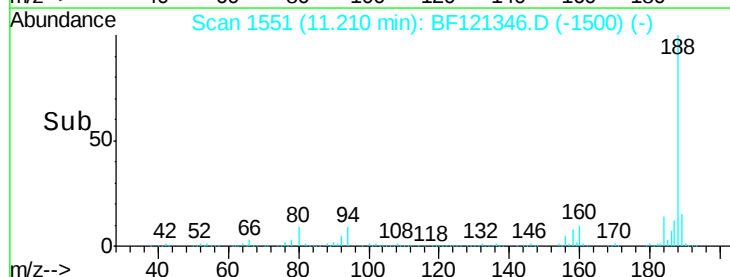
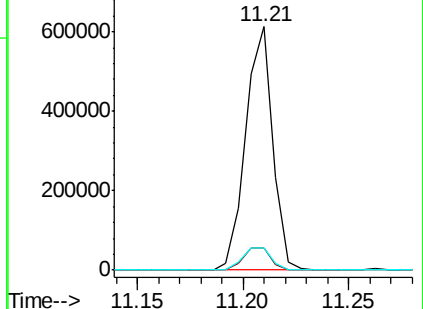
80 9.3 7.4 11.0

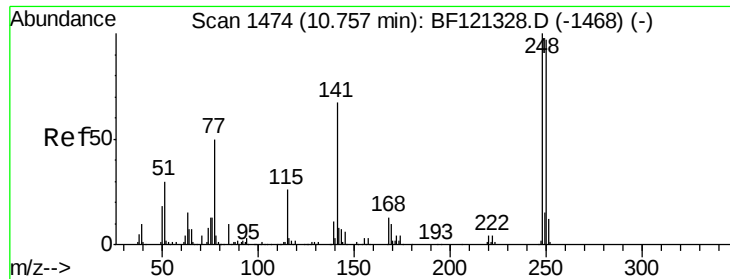


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

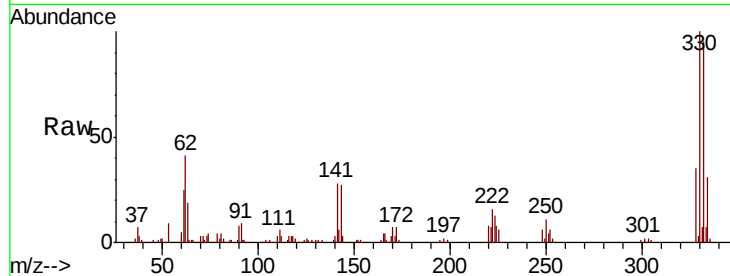




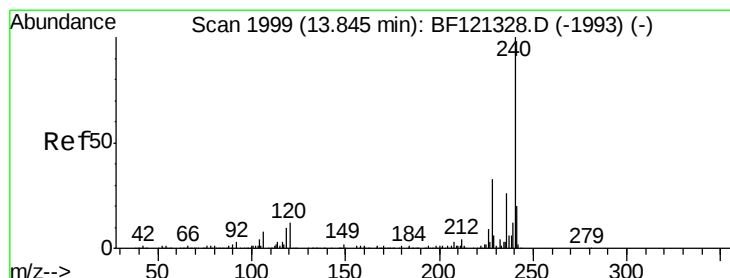
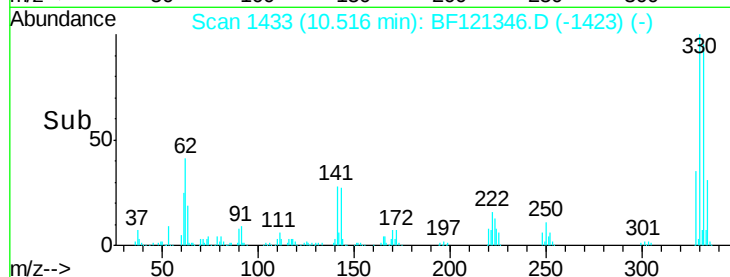
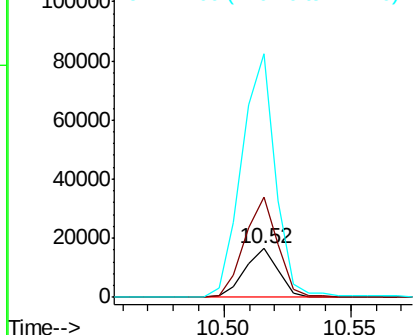
#67
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:248 Resp: 15029
Ion Ratio Lower Upper
248 100
250 204.7 77.9 116.9#
141 498.3 53.5 80.3#

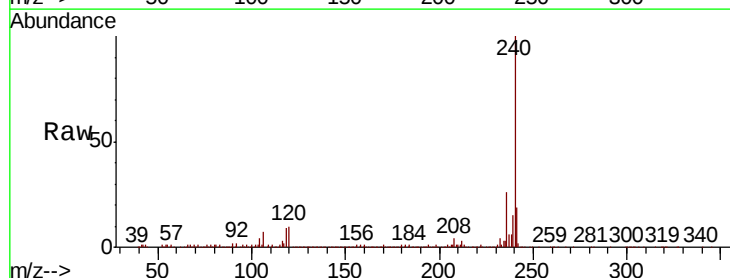


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

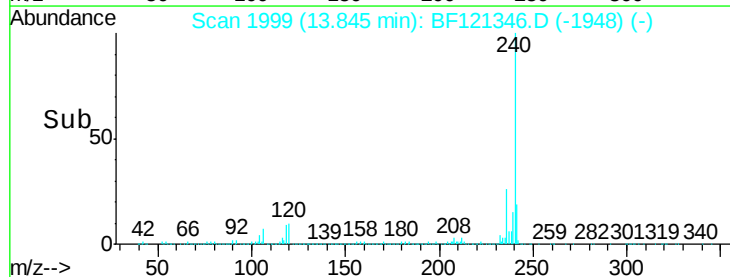
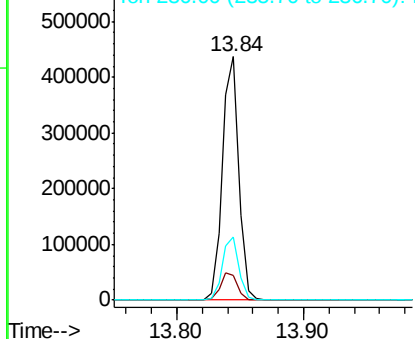


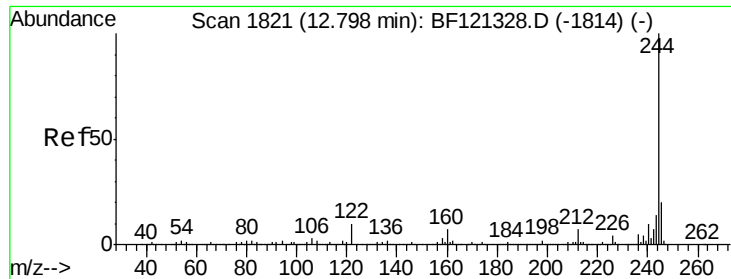
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121346.D
Acq: 20 Aug 2020 14:41

Tgt Ion:240 Resp: 395153
Ion Ratio Lower Upper
240 100
120 10.3 9.6 14.4
236 25.9 20.6 31.0



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



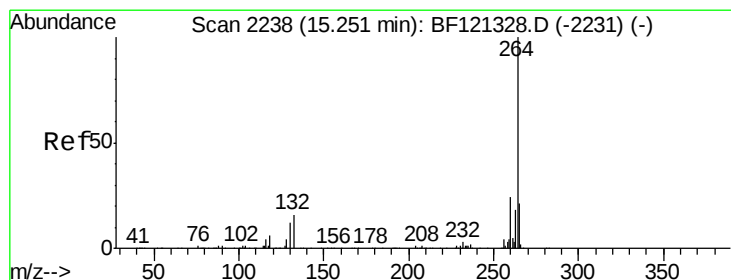
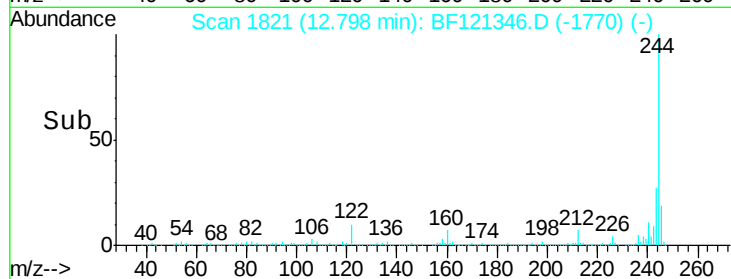
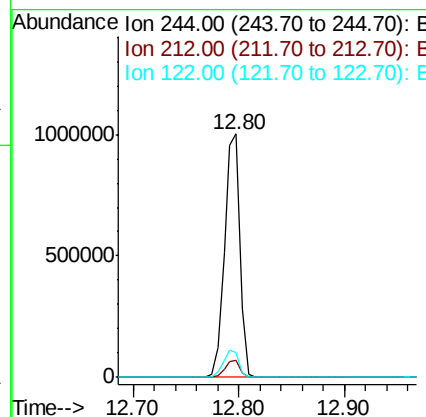
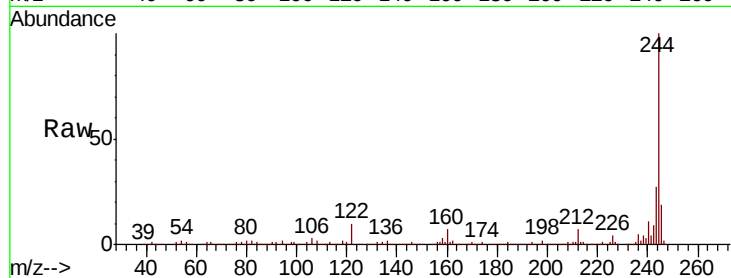


#79
 Terphenyl-d14
 Concen: 50.898 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 1029222

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF121346.D
 Acq: 20 Aug 2020 14:41

Tgt Ion:264 Resp: 415177

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.1	25.7

