

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121378.D
 Acq On : 21 Aug 2020 20:49
 Operator : JU/CG
 Sample : L3742-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 00:35:09 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

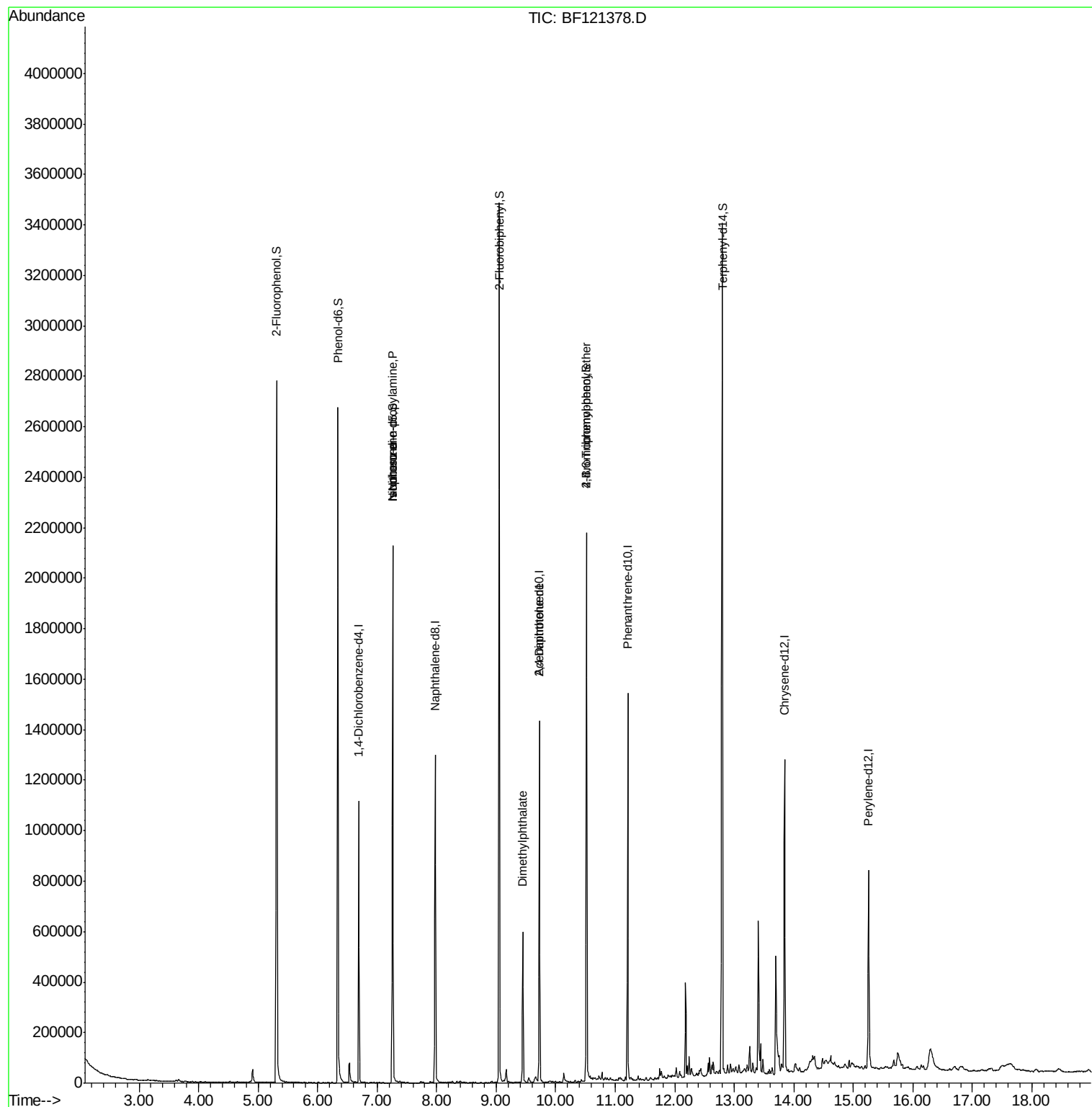
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150245	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	582914	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301179	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	565861	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396758	20.00	ng	0.00
86) Perylene-d12	15.26	264	350104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	912786	99.62	ng	0.01
7) Phenol-d6	6.34	99	1106841	94.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	735720	71.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	325366	92.71	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1243464	78.23	ng	0.00
79) Terphenyl-d14	12.80	244	1259820	62.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	96694	15.371	ng	# 78
25) Isophorone	7.26	82	730602	38.951	ng	# 65
50) Dimethylphthalate	9.45	163	230093	10.501	ng	# 99
57) 2,4-Dinitrotoluene	9.73	165	39013	6.834	ng	# 25
58) Fluorene	10.52	166	12181	Below Cal		# 84
67) 4-Bromophenyl-phenylether	10.52	248	18686	2.977	ng	# 1

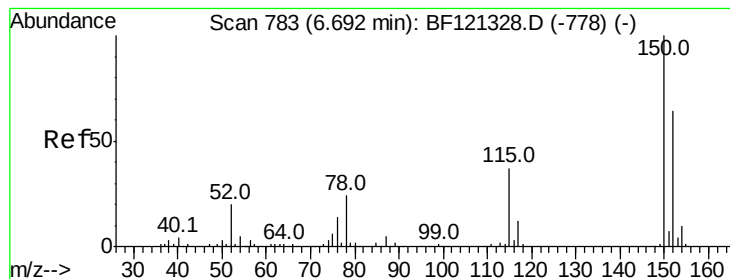
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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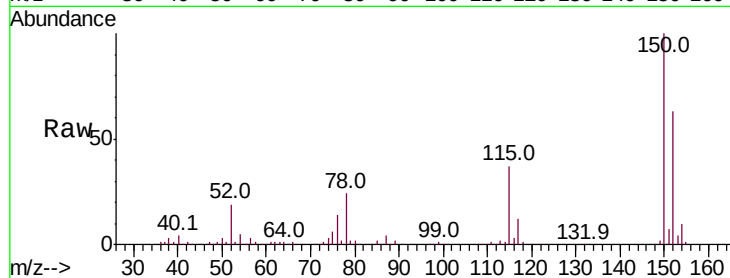


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.8	187.2
115	58.6	46.1	69.1

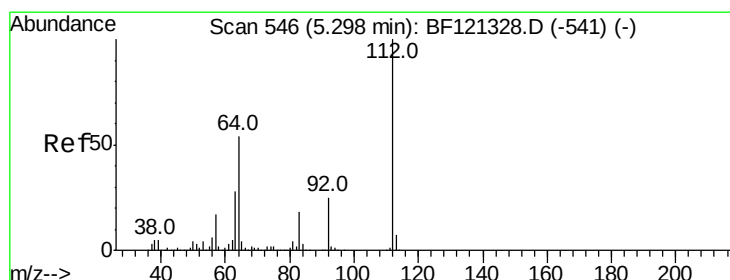
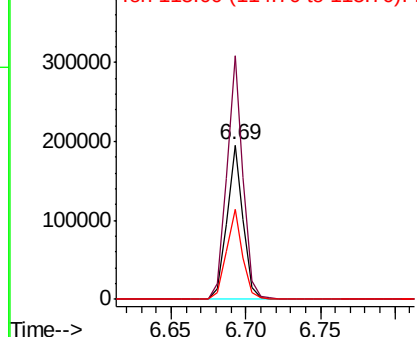
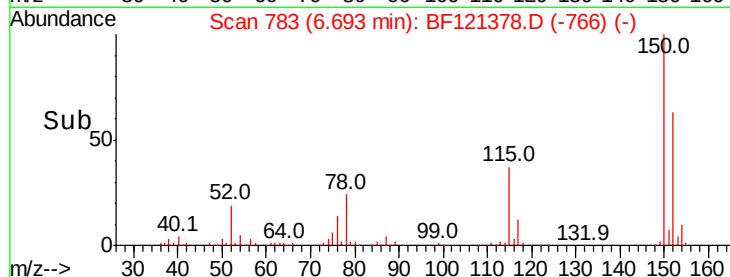


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

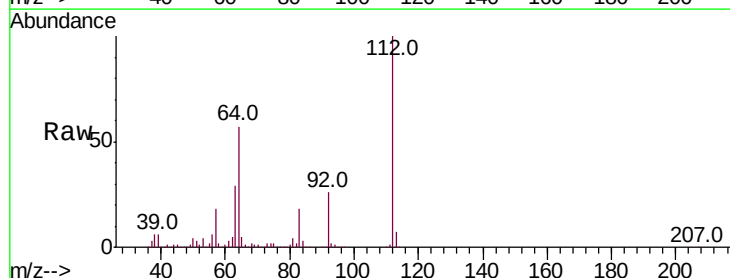
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.619 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.5	65.3
63	28.9	22.0	33.0

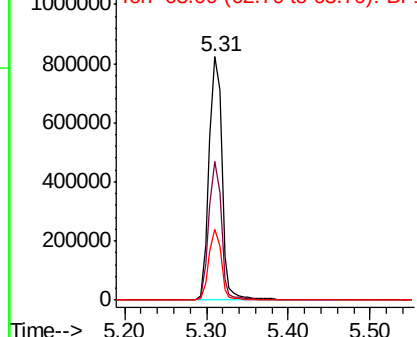
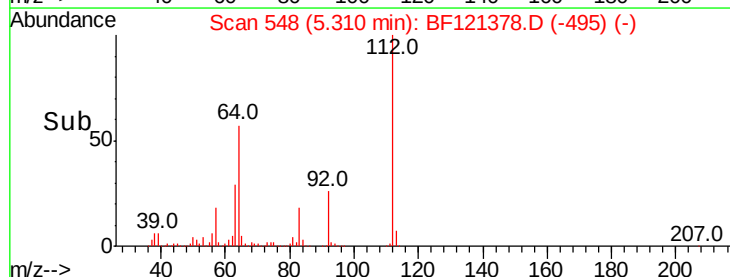


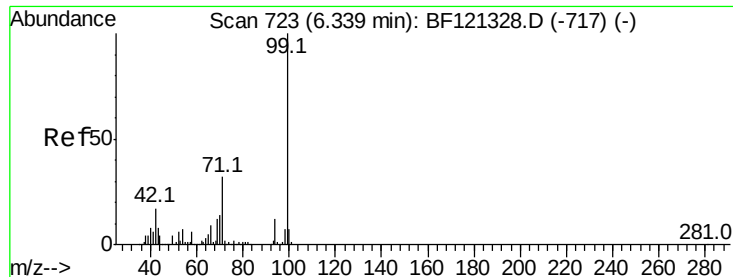
Abundance

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: 94.625 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

Instrument :

BNA_F

ClientSampleId :

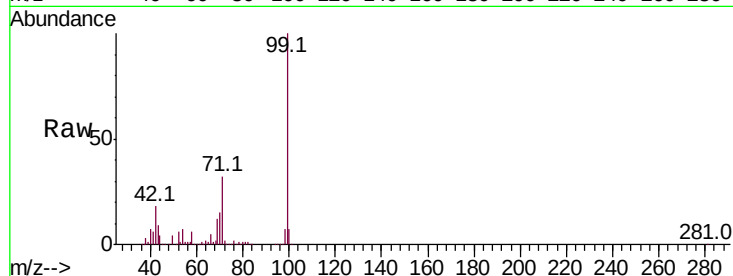
Tot Ion: 99 Resp: 1106841

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

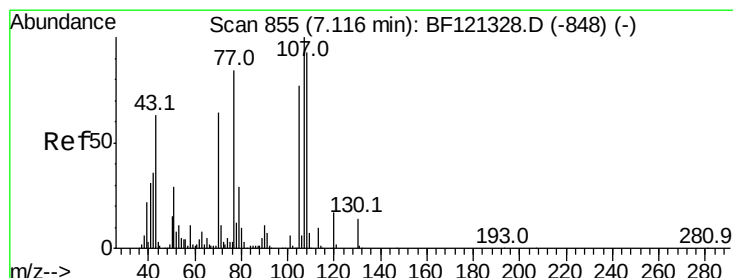
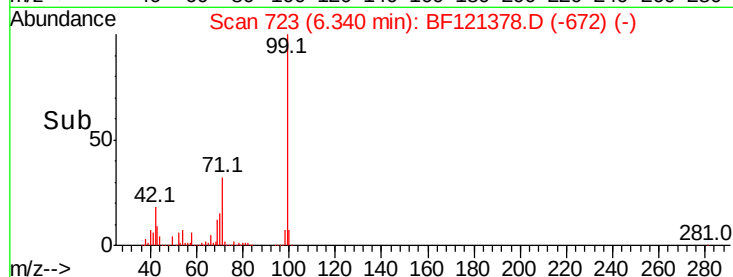
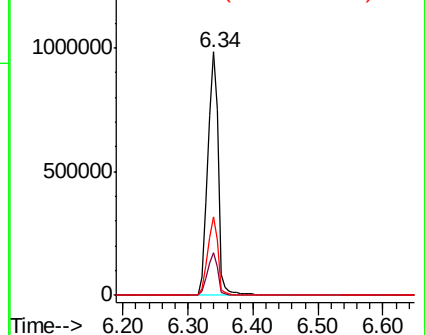
71 32.4 25.2 37.8



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: 15.371 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

Tgt Ion: 70 Resp: 96694

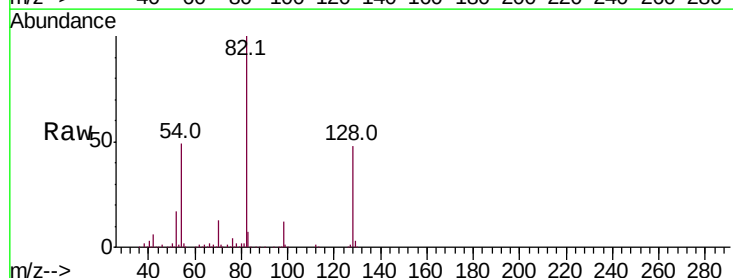
Ion Ratio Lower Upper

70 100

42 46.7 45.2 67.8

101 0.0 7.7 11.5#

130 2.2 17.6 26.4#

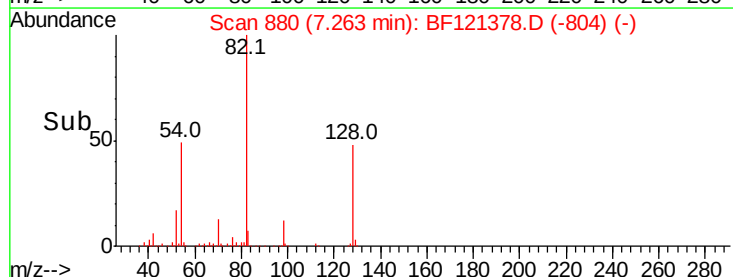
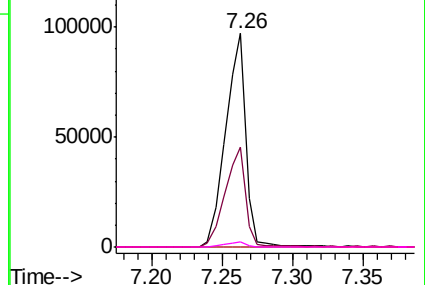


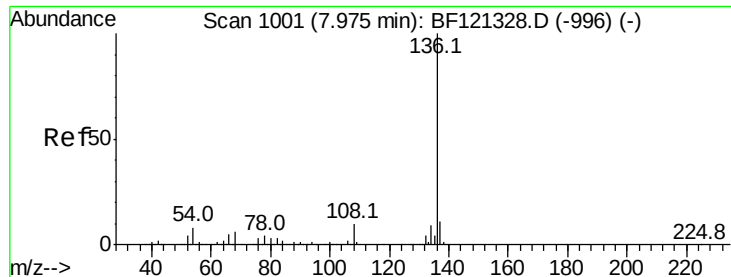
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

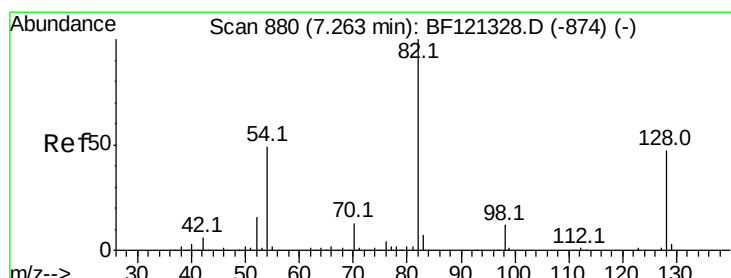
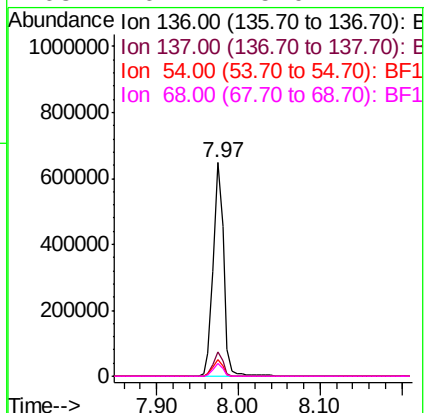
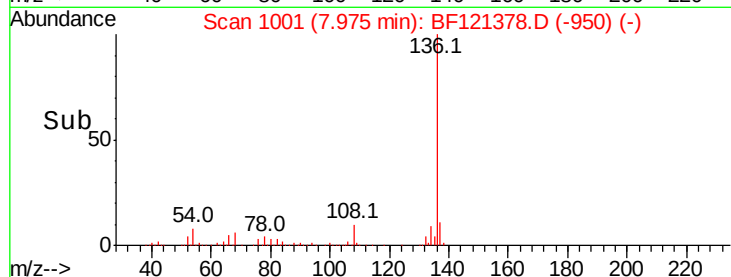
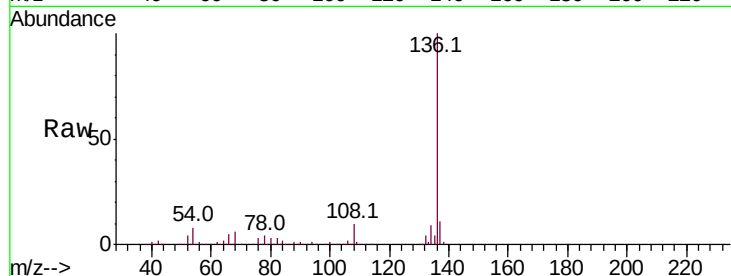




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

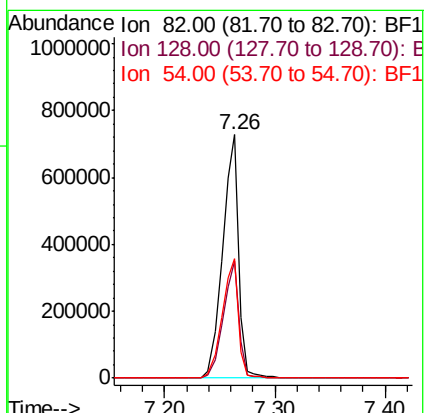
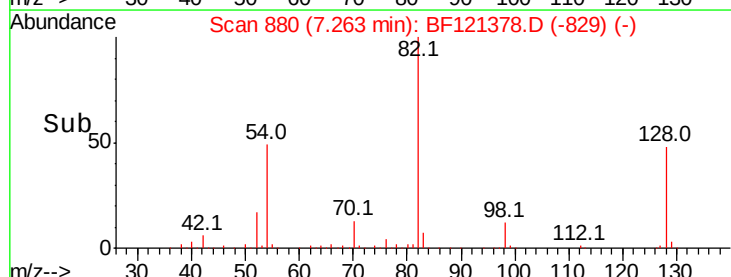
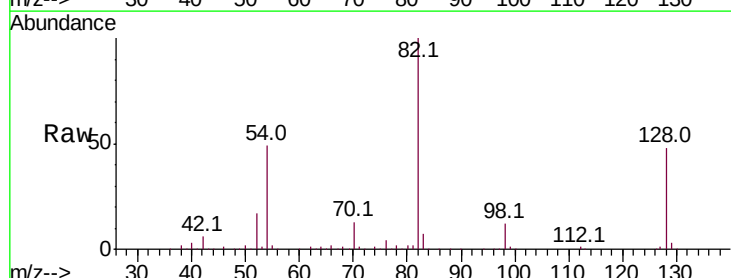
Instrument :
BNA_F
ClientSampled :

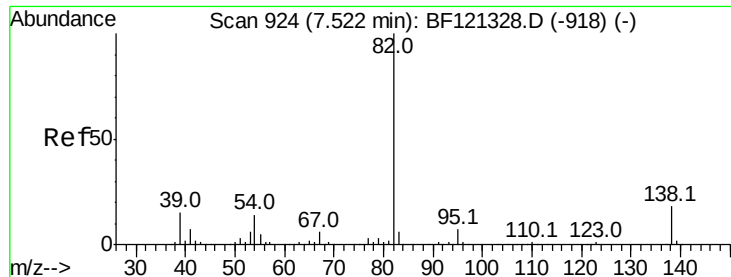
Tot Ion:	136	Resp:	582914
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.1	9.1
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.382 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Tgt Ion:	82	Resp:	735720
Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.9	56.9
54	49.1	39.0	58.4

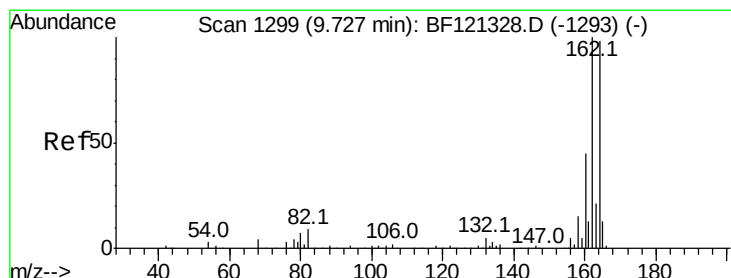
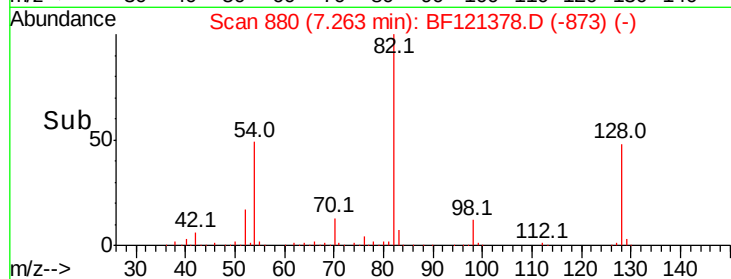
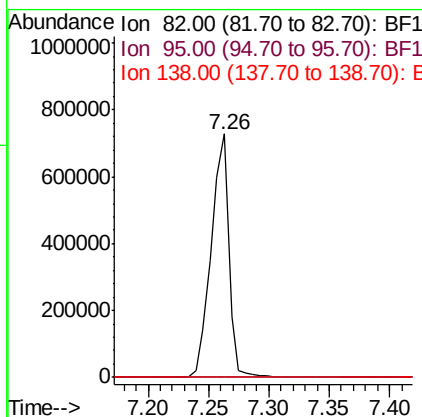
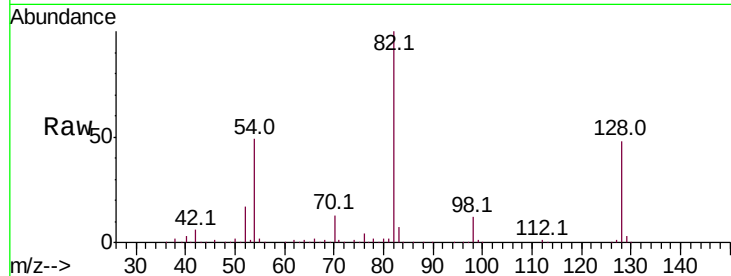




#25
Isophorone
Concen: 38.951 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

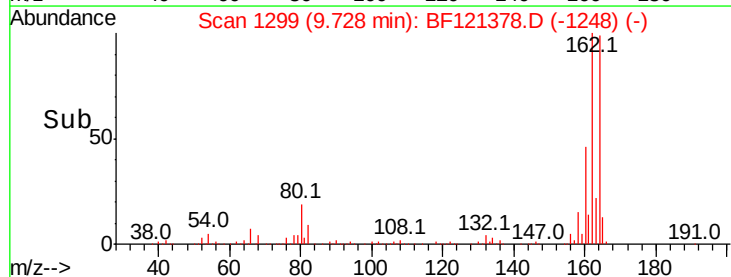
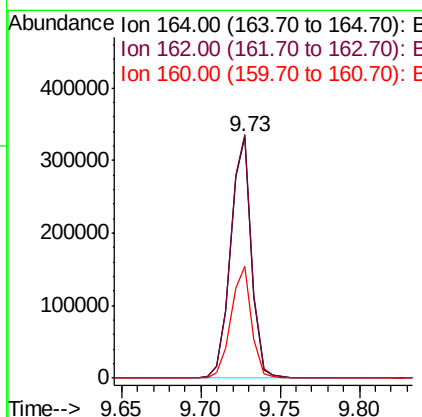
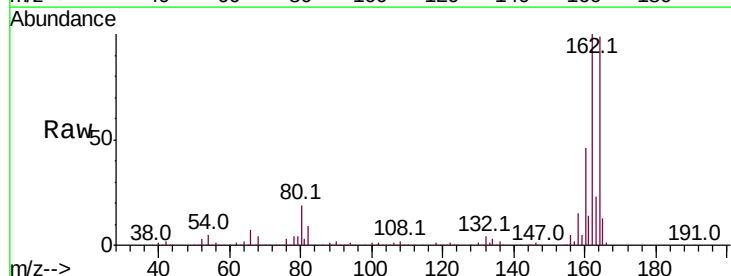
Instrument :
BNA_F
ClientSampleId :

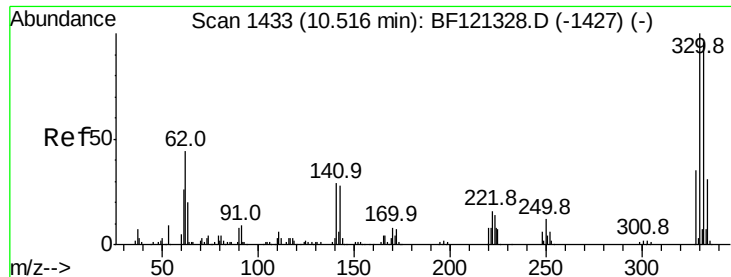
Tot Ion: 82 Resp: 730602
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Tgt Ion:164 Resp: 301179
Ion Ratio Lower Upper
164 100
162 100.8 81.7 122.5
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 92.705 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

Instrument :

BNA_F

ClientSampleId :

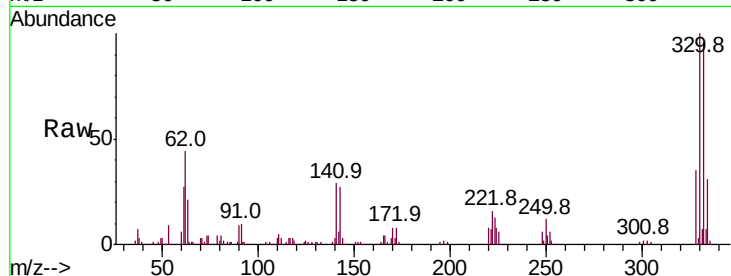
Tot Ion:330 Resp: 325366

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

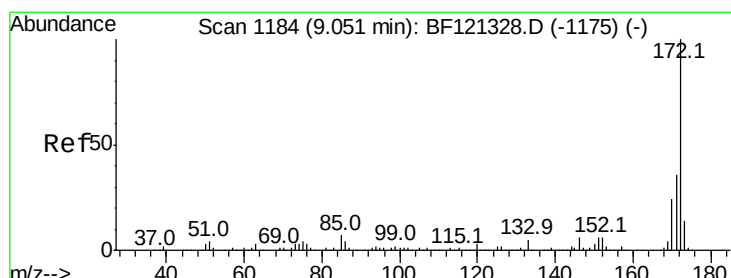
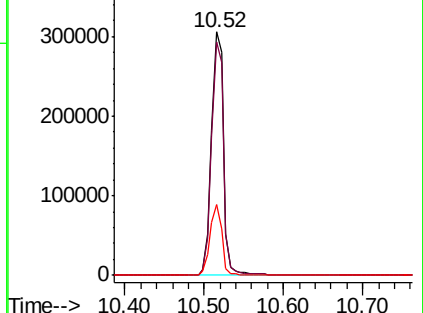
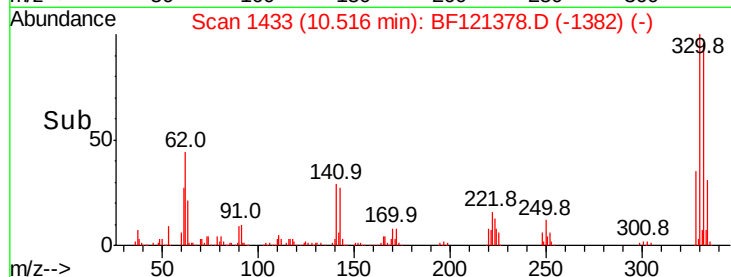
141 28.6 22.8 34.2



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: 78.228 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

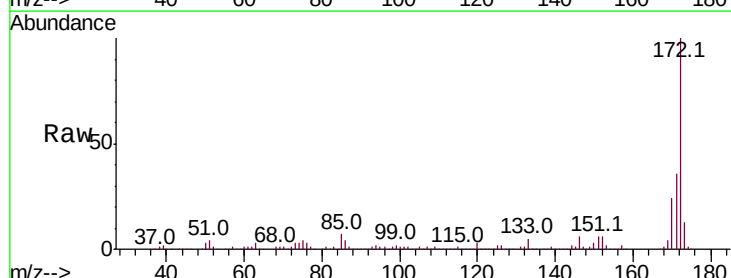
Tgt Ion:172 Resp: 1243464

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

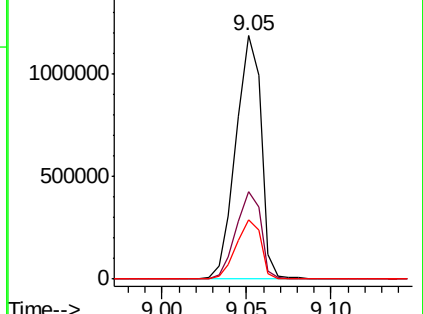
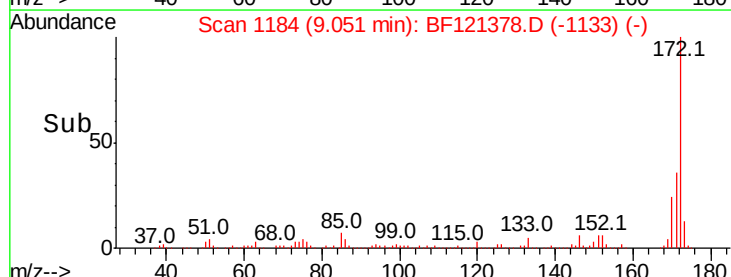
170 24.3 19.4 29.2

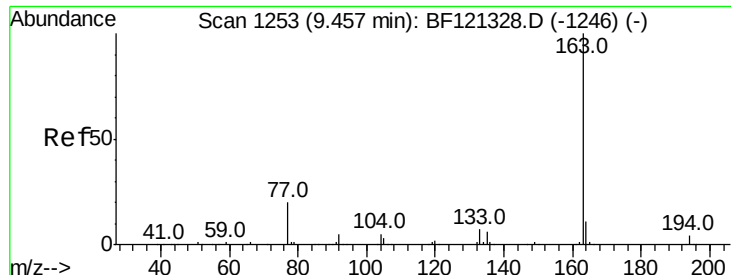


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

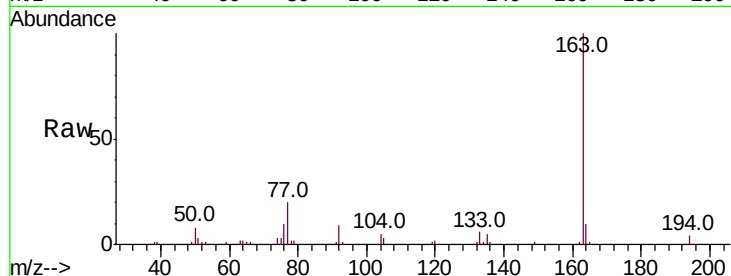




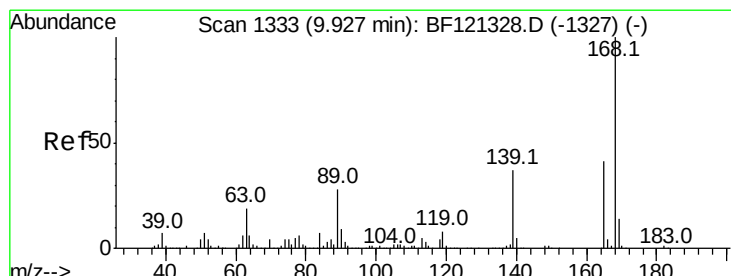
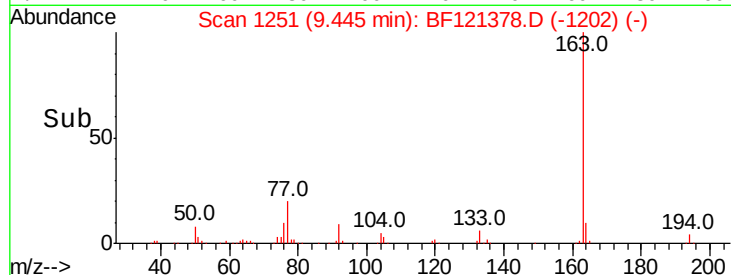
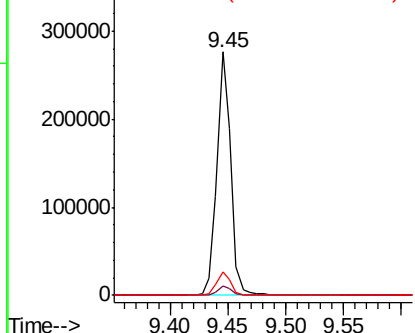
#50
Dimethylphthalate
Concen: 10.501 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	163	Resp:	230093
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.8	8.4	12.6

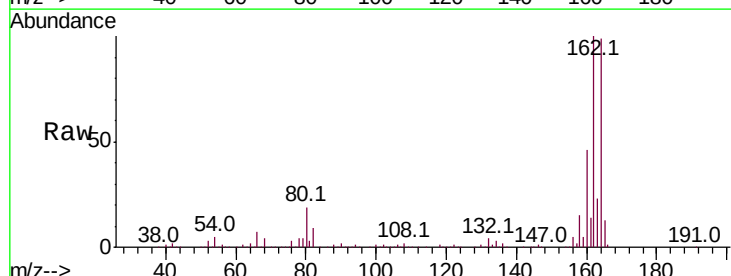


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

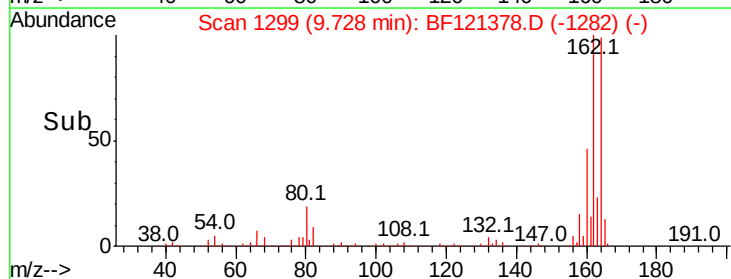
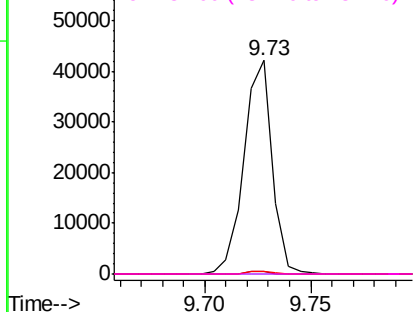


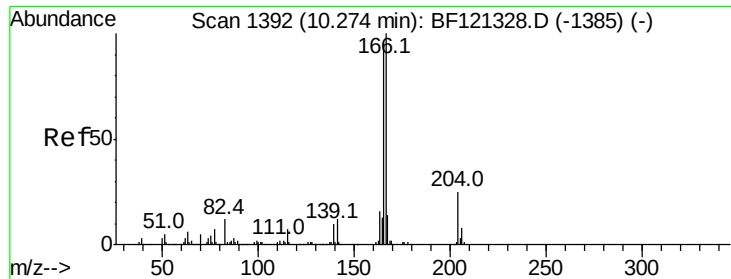
#57
2,4-Dinitrotoluene
Concen: 6.834 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121378.D
Acq: 21 Aug 2020 20:49

Tgt Ion:	165	Resp:	39013
Ion	Ratio	Lower	Upper
165	100		
63	1.4	37.5	56.3#
89	1.5	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: BF121378.D

Acq: 21 Aug 2020 20:49

Instrument :

BNA_F

ClientSampleId :

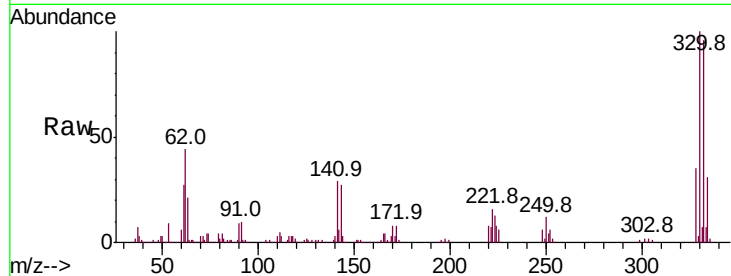
Tot Ion:166 Resp: 12181

Ion Ratio Lower Upper

166 100

165 105.4 75.8 113.8

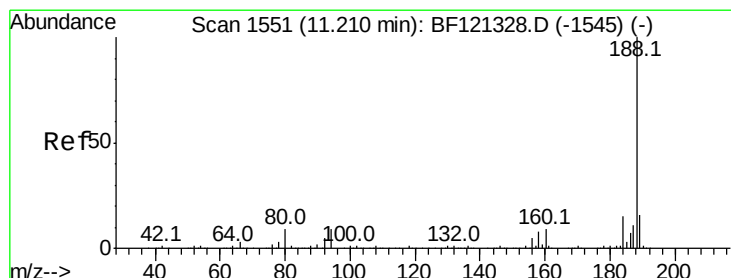
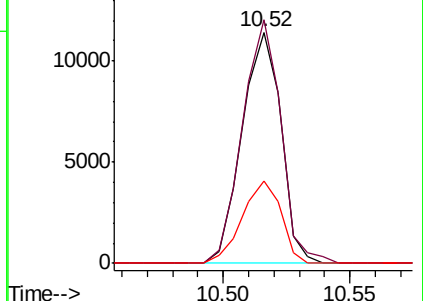
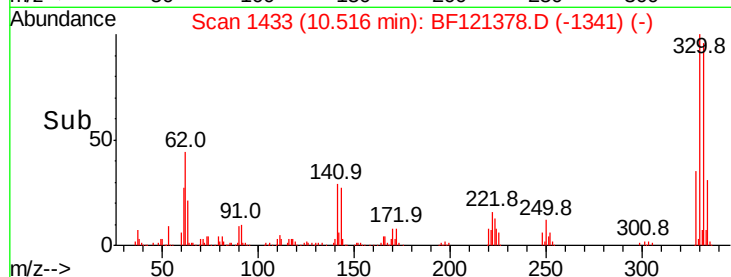
167 35.7 11.0 16.4#



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: BF121378.D

Acq: 21 Aug 2020 20:49

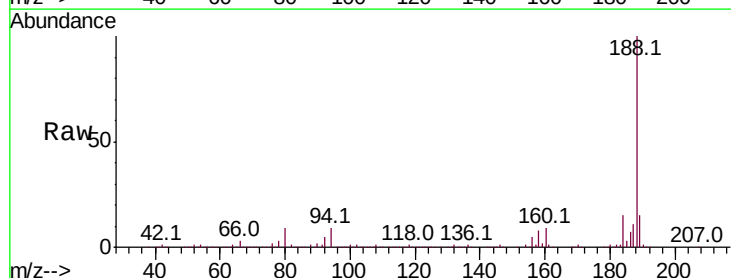
Tgt Ion:188 Resp: 565861

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

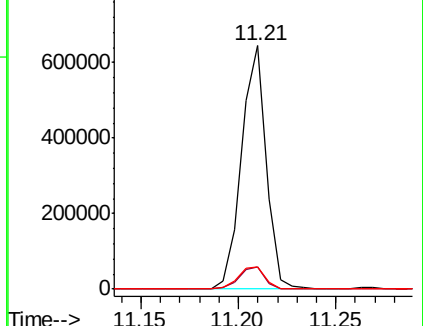
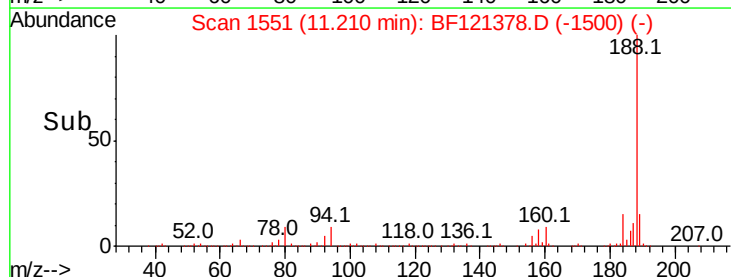
80 9.2 7.4 11.0

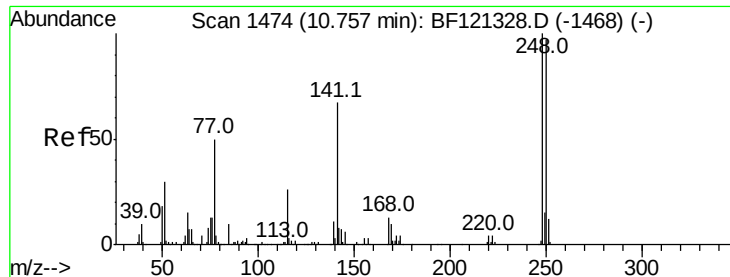


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.977 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

Instrument :

BNA_F

ClientSampled :

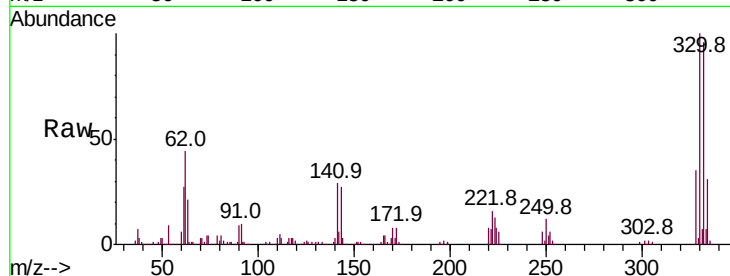
Tot Ion:248 Resp: 18686

Ion Ratio Lower Upper

248 100

250 205.5 77.9 116.9#

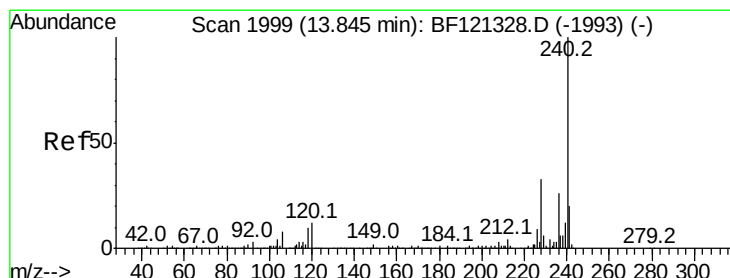
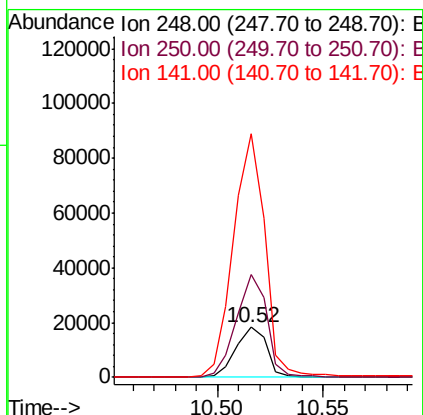
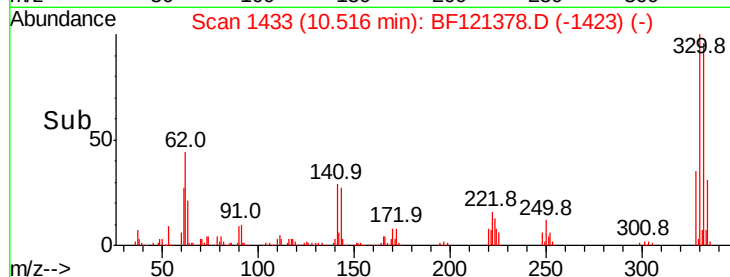
141 488.9 53.5 80.3#



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: BF121378.D

Acq: 21 Aug 2020 20:49

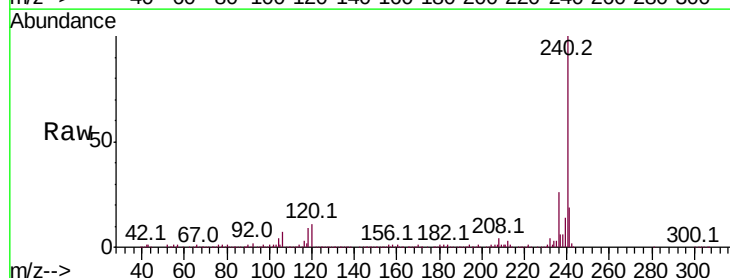
Tgt Ion:240 Resp: 396758

Ion Ratio Lower Upper

240 100

120 10.8 9.6 14.4

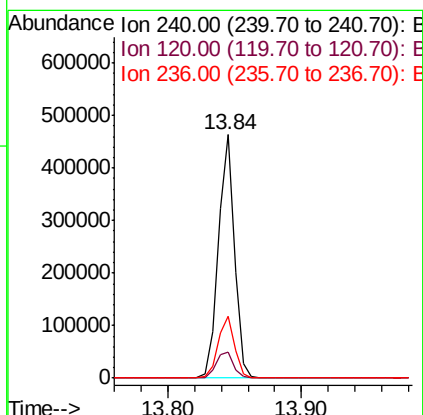
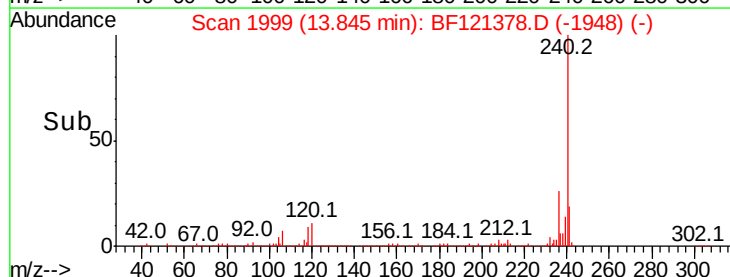
236 25.7 20.6 31.0

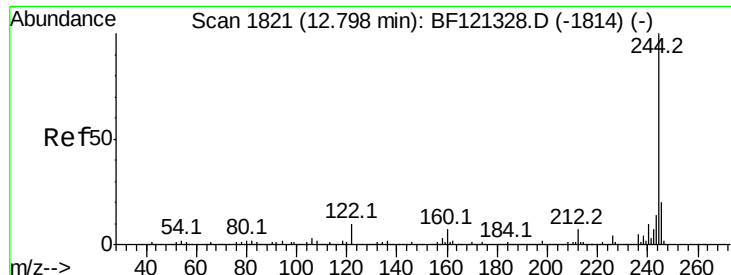


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.050 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

Instrument :

BNA_F

ClientSampleId :

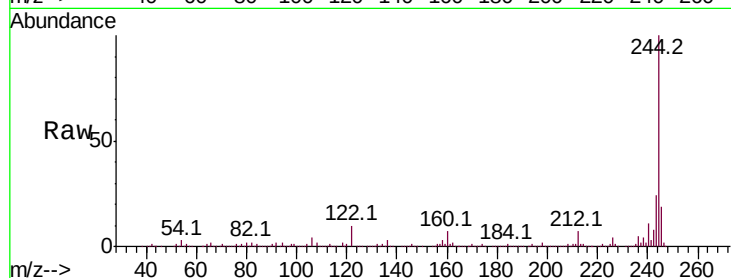
Tot Ion:244 Resp: 1259820

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

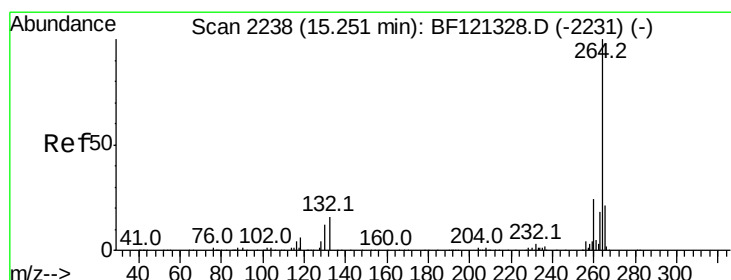
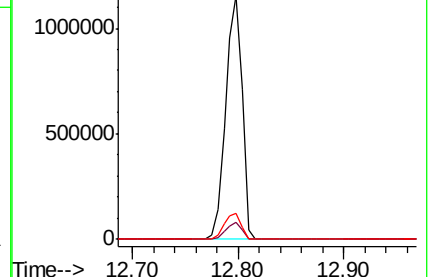
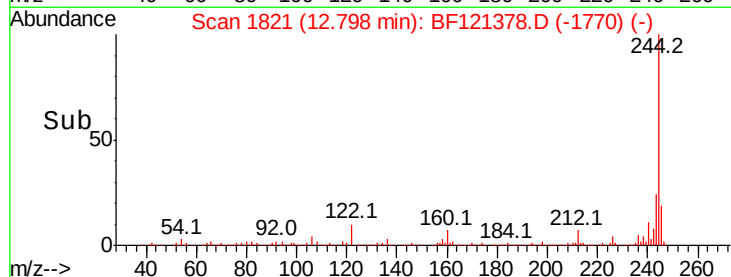
122 10.5 7.8 11.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF121378.D

Acq: 21 Aug 2020 20:49

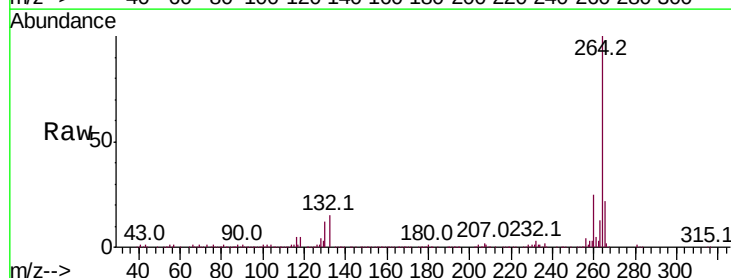
Tgt Ion:264 Resp: 350104

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.5 17.1 25.7



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

