

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121369.D
 Acq On : 21 Aug 2020 16:03
 Operator : JU/CG
 Sample : PB131130BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 17:01:44 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

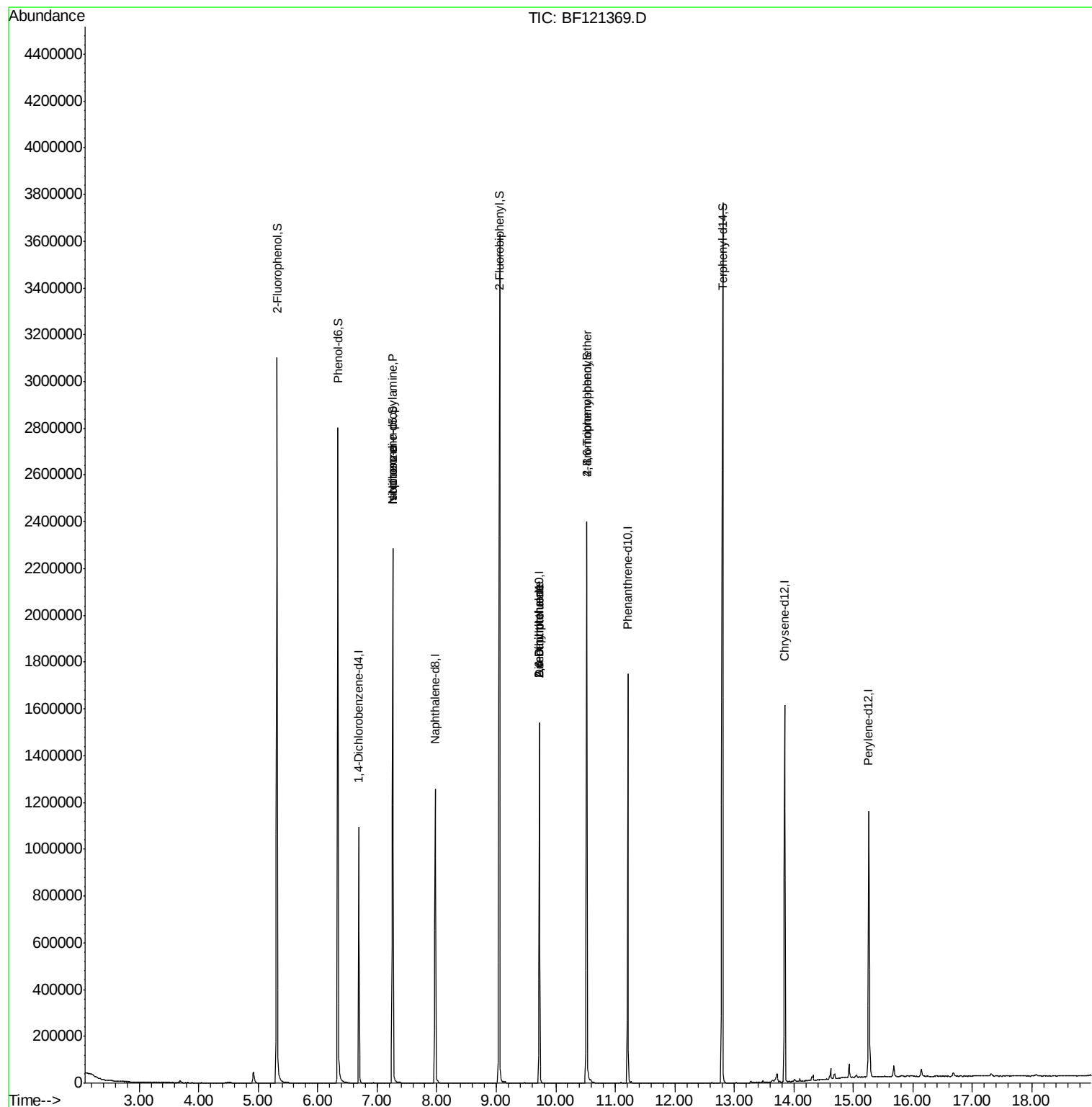
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158367	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	627282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	326724	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	639287	20.00	ng	0.00
76) Chrysene-d12	13.84	240	547872	20.00	ng	0.00
86) Perylene-d12	15.26	264	531090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1062803	110.04	ng	0.02
7) Phenol-d6	6.34	99	1303366	105.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	887710	80.04	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	394221	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1517376	89.90	ng	0.00
79) Terphenyl-d14	12.80	244	1591574	56.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	116044	17.501	ng	# 78
25) Isophorone	7.26	82	881997	43.697	ng	# 65
50) Dimethylphthalate	9.73	163	71069	2.990	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	41563	8.187	ng	# 29
57) 2,4-Dinitrotoluene	9.73	165	41563	6.711	ng	# 25
58) Fluorene	10.52	166	14732	Below Cal		# 94
67) 4-Bromophenyl-phenylether	10.52	248	22526	3.177	ng	# 1

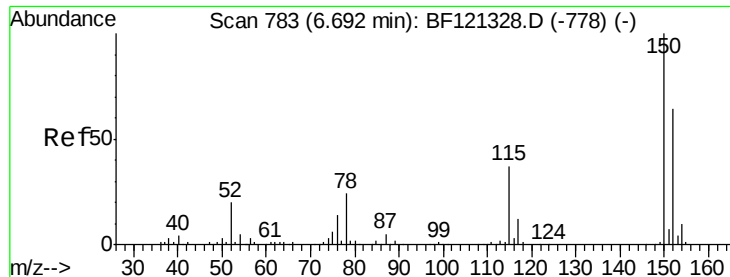
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

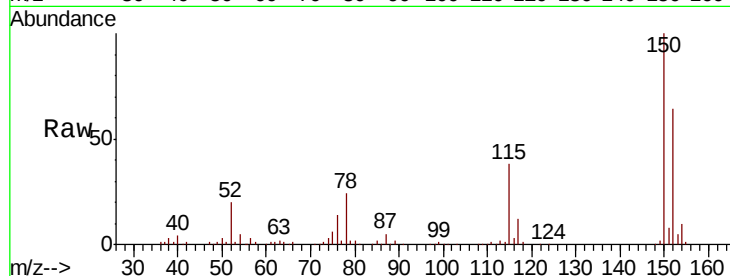
Tot Ion:152 Resp: 158367

Ion Ratio Lower Upper

152 100

150 156.9 124.8 187.2

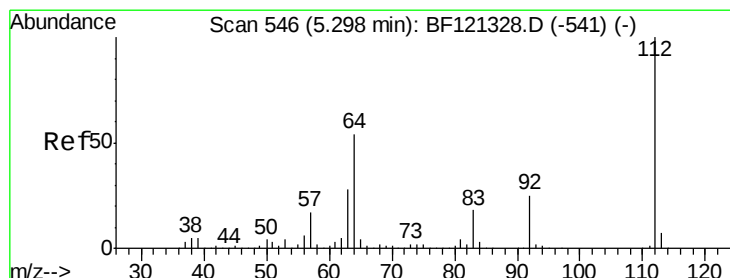
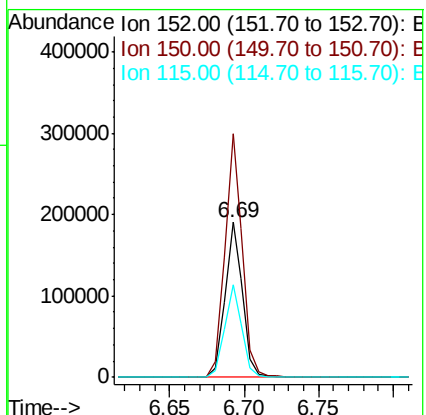
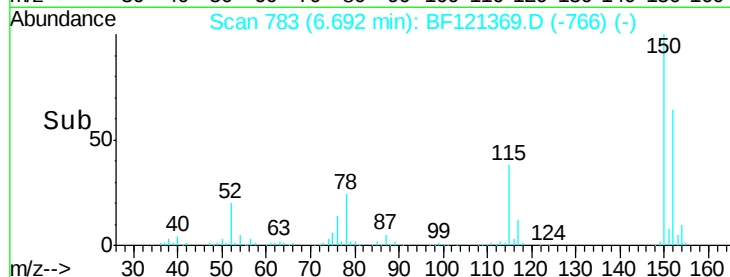
115 59.8 46.1 69.1



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: 110.043 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

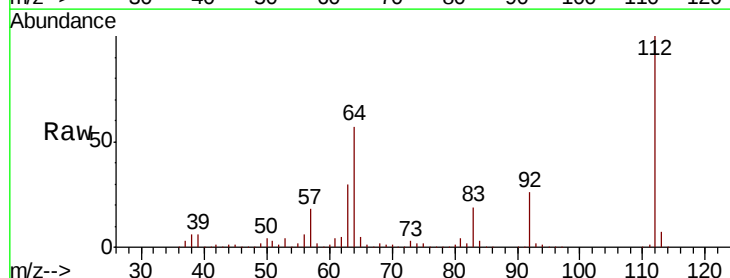
Tgt Ion:112 Resp: 1062803

Ion Ratio Lower Upper

112 100

64 57.1 43.5 65.3

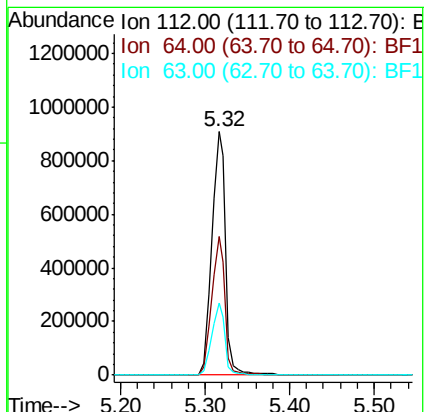
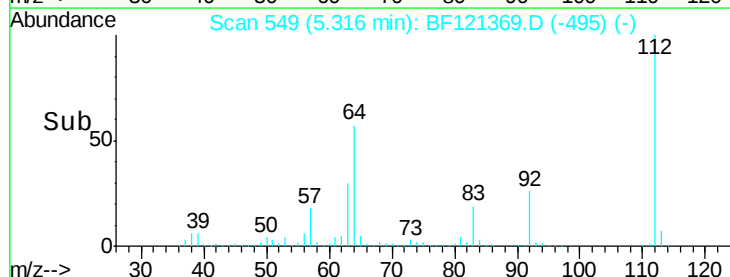
63 29.6 22.0 33.0



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: 105.712 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampled :

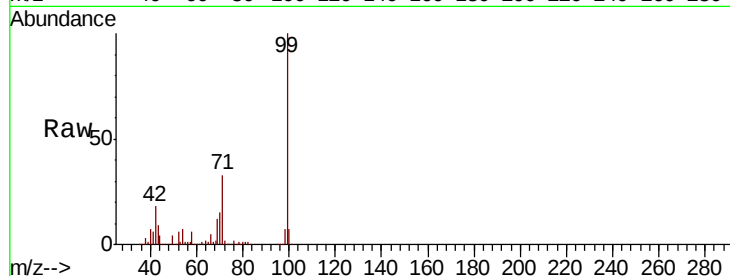
Tot Ion: 99 Resp: 1303366

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

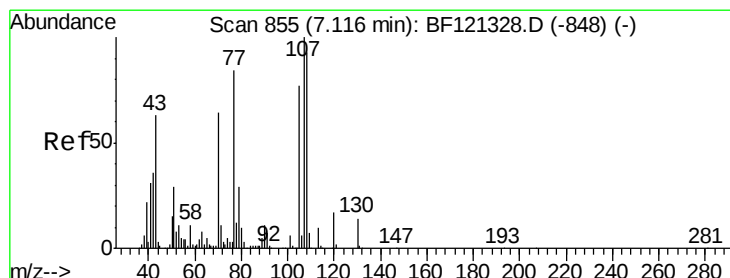
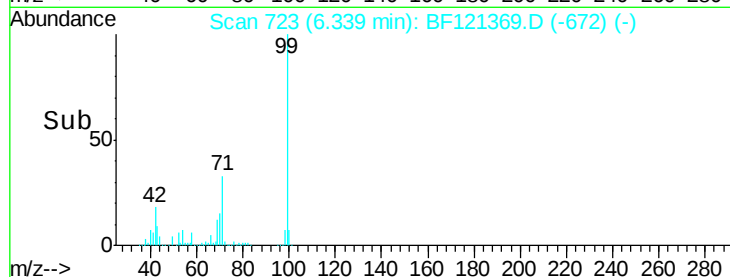
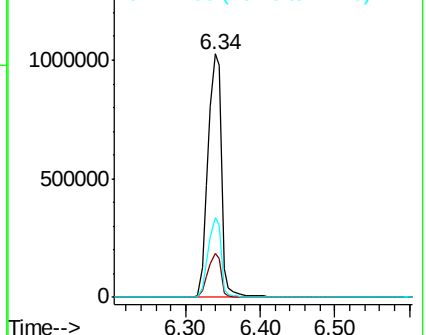
71 32.9 25.2 37.8



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: 17.501 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Tgt Ion: 70 Resp: 116044

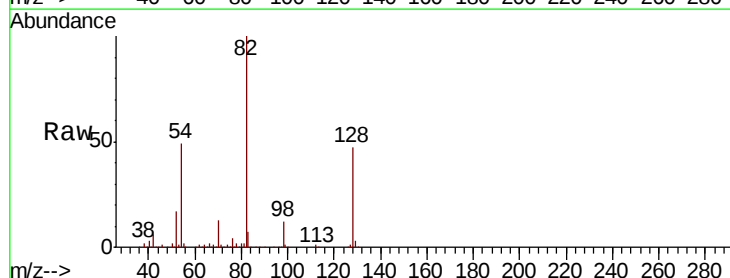
Ion Ratio Lower Upper

70 100

42 46.6 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#

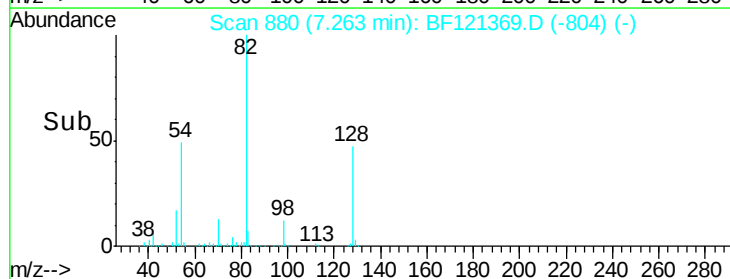
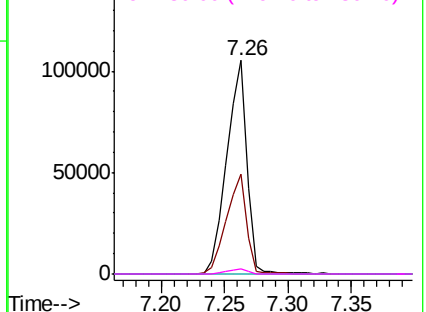


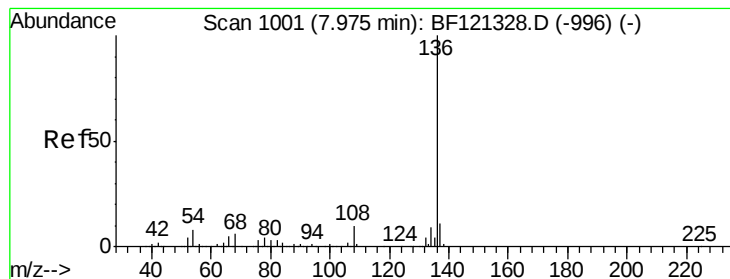
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 627282

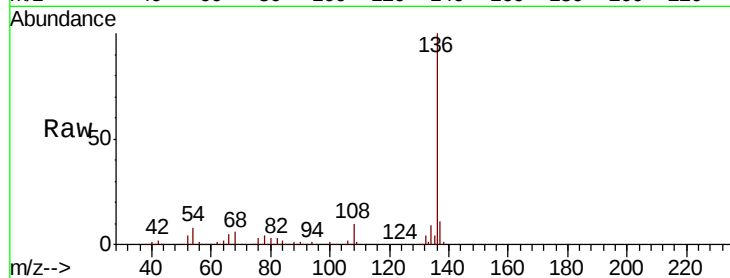
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.1 9.1

68 6.2 5.0 7.4

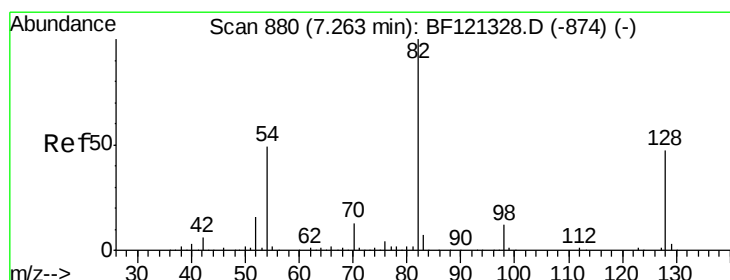
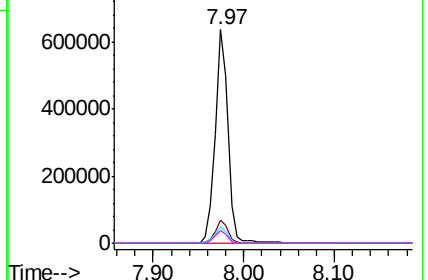
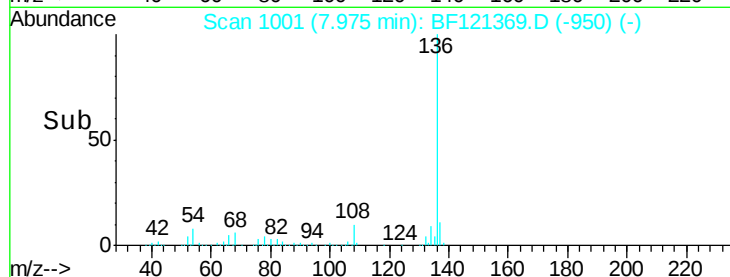


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 80.037 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

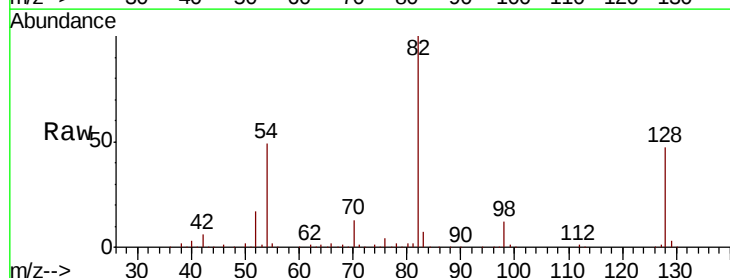
Tgt Ion: 82 Resp: 887710

Ion Ratio Lower Upper

82 100

128 47.0 37.9 56.9

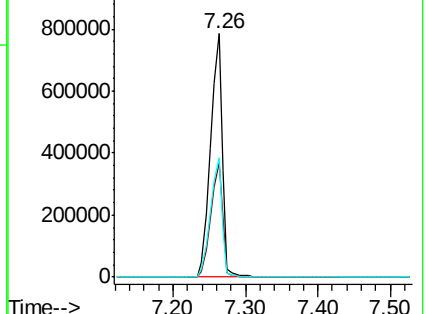
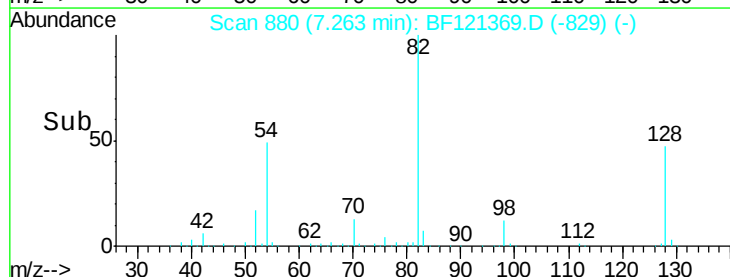
54 49.2 39.0 58.4

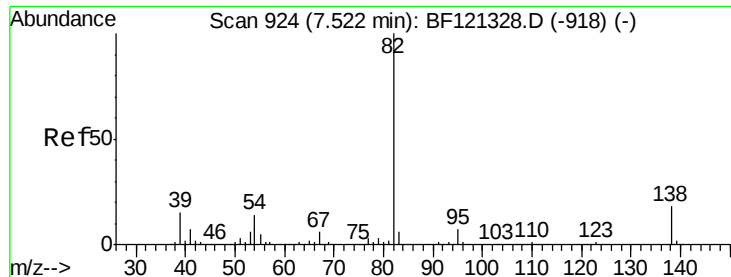


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

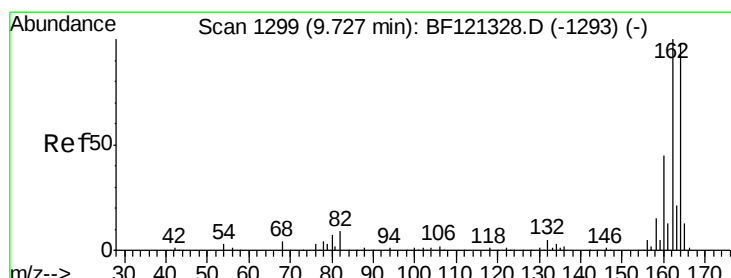
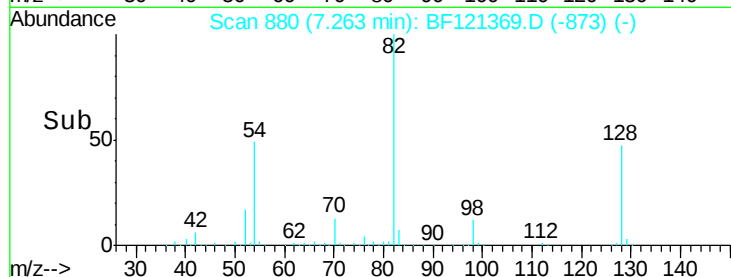
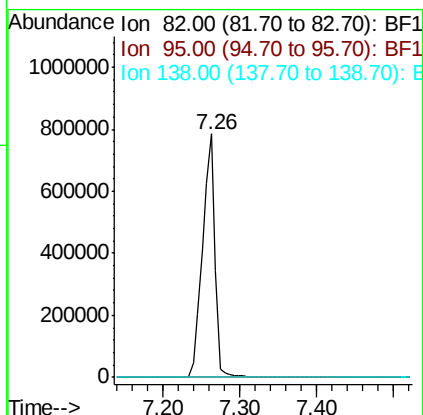
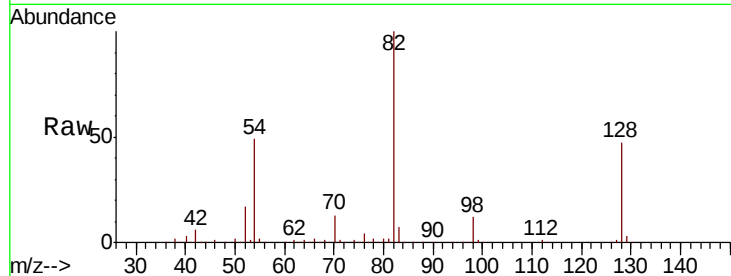




#25
Isophorone
Concen: 43.697 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

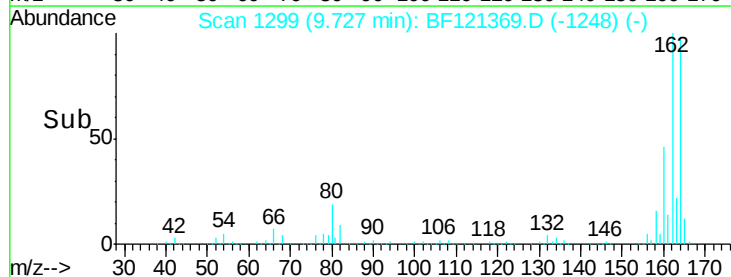
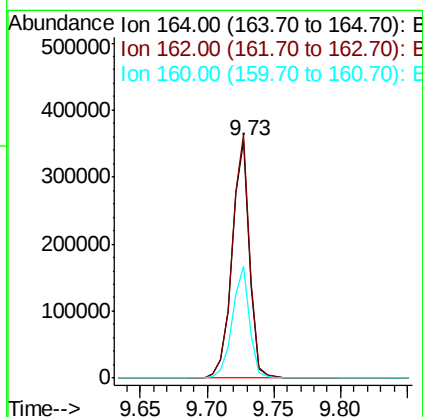
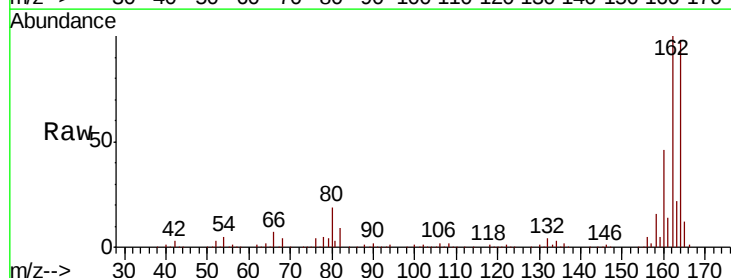
Instrument :
BNA_F
ClientSampleId :

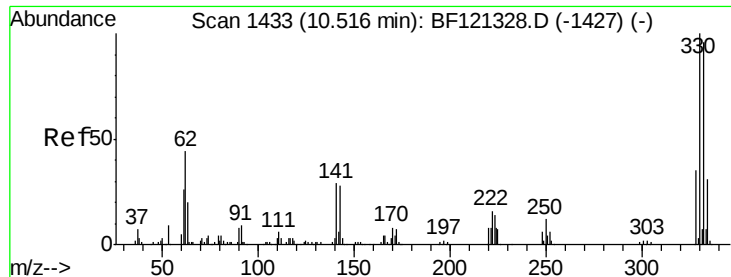
Tot Ion: 82 Resp: 881997
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion: 164 Resp: 326724
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.8 37.0 55.4

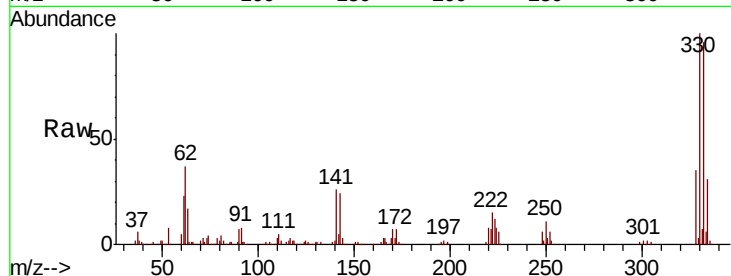




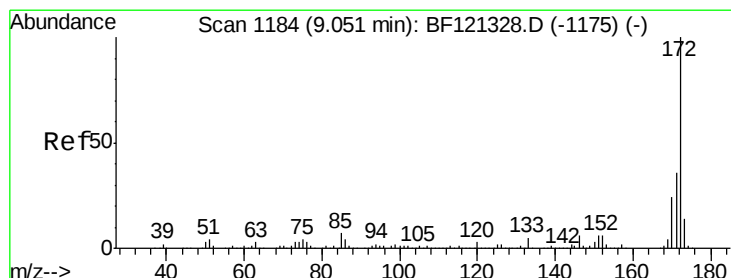
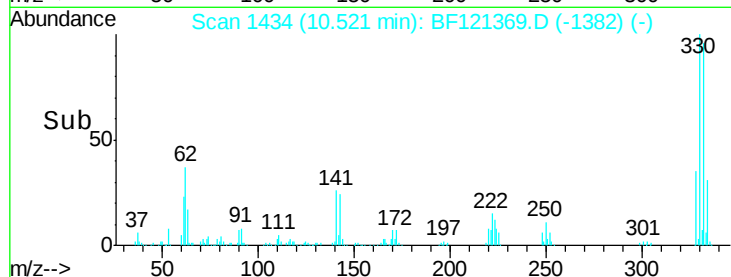
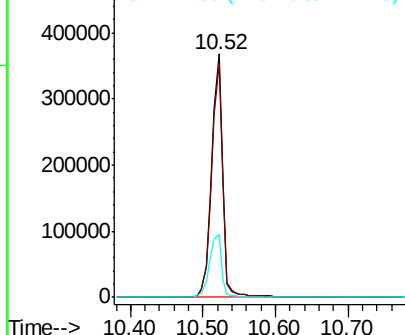
#42
 2,4,6-Tribromophenol
 Concen: 103.542 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 394221
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 28.3 22.8 34.2

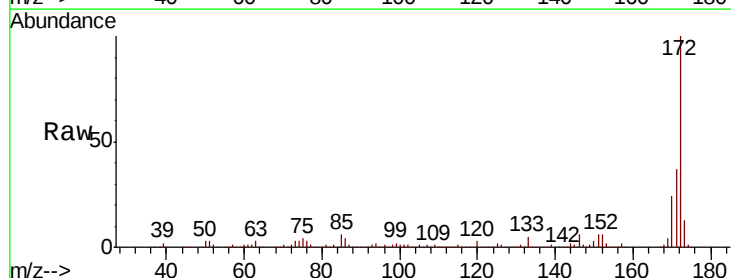


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

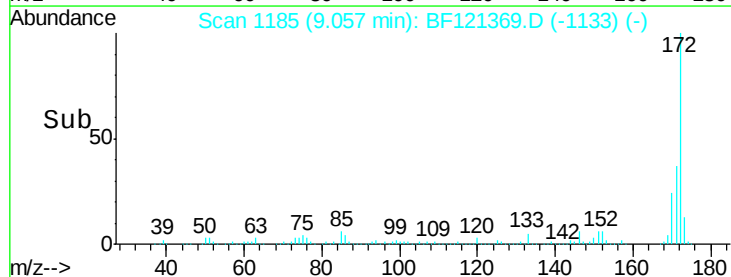
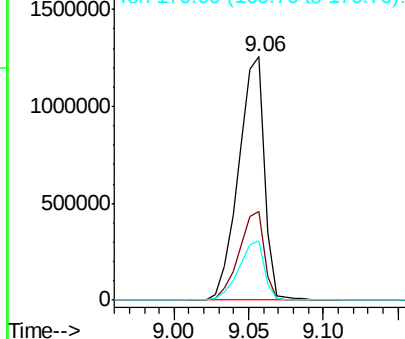


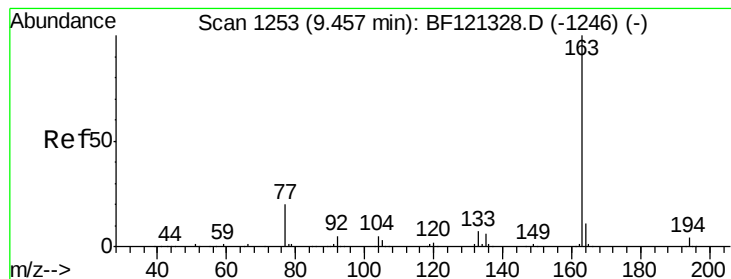
#45
 2-Fluorobiphenyl
 Concen: 89.900 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121369.D
 Acq: 21 Aug 2020 16:03

Tgt Ion:172 Resp: 1517376
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.4 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: 2.990 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.27 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

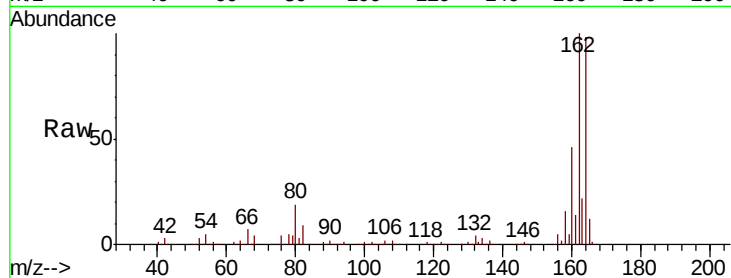
Tot Ion:163 Resp: 71069

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

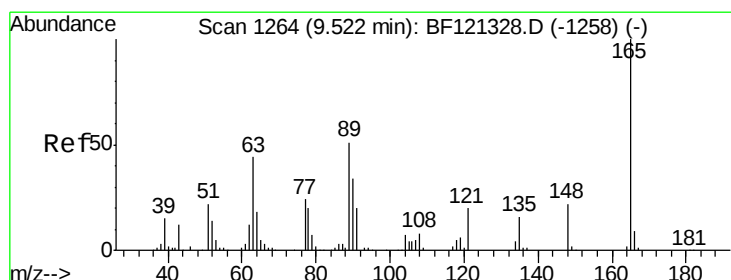
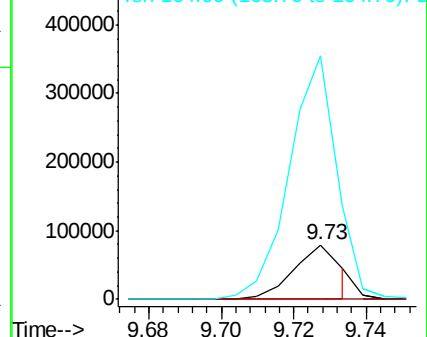
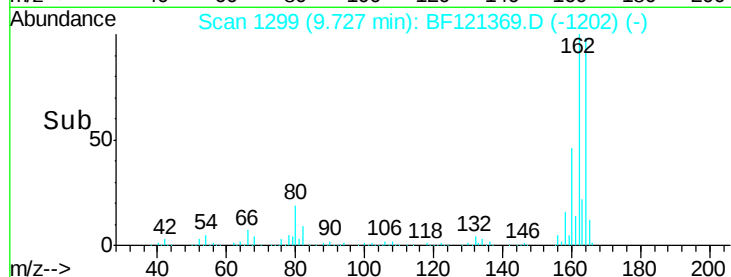
164 447.8 8.4 12.6#



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



#51

2,6-Dinitrotoluene

Concen: 8.187 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

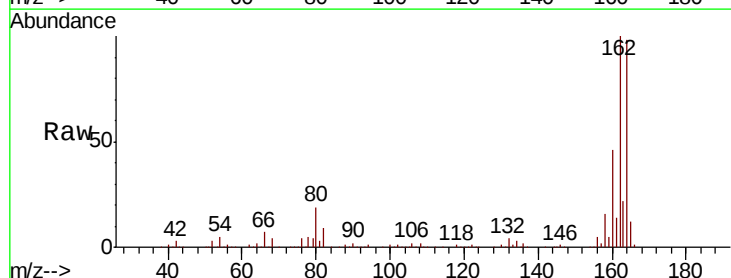
Tgt Ion:165 Resp: 41563

Ion Ratio Lower Upper

165 100

63 1.2 38.5 57.7#

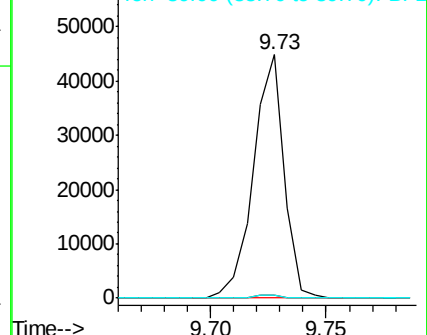
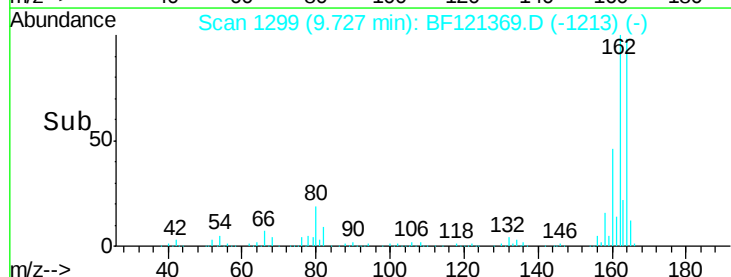
89 1.3 41.2 61.8#

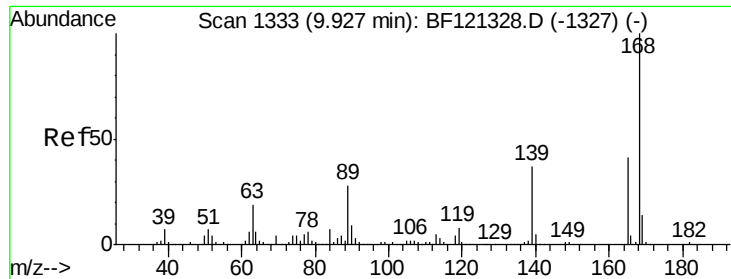


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

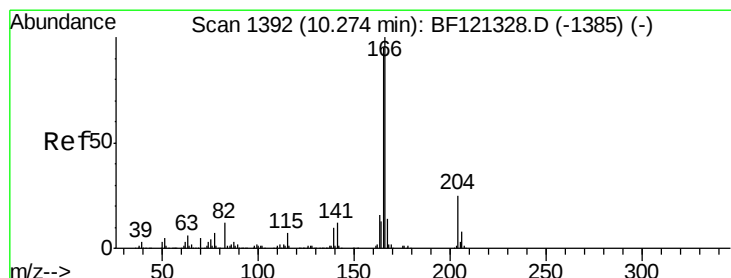
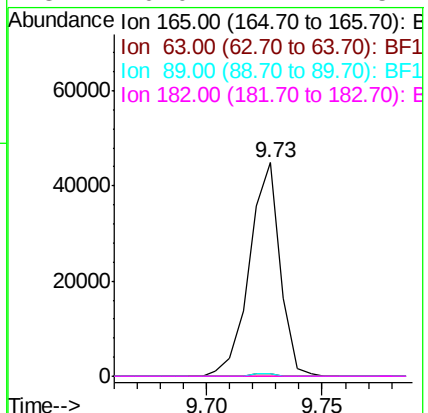
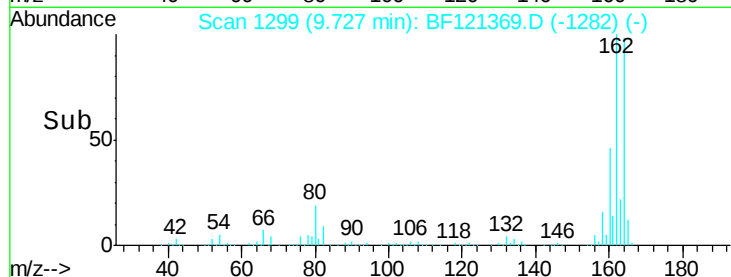
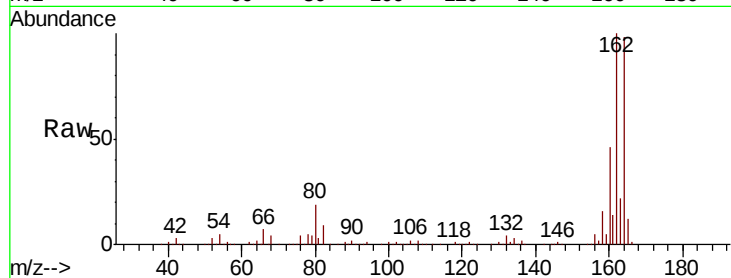




#57
2,4-Dinitrotoluene
Concen: 6.711 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

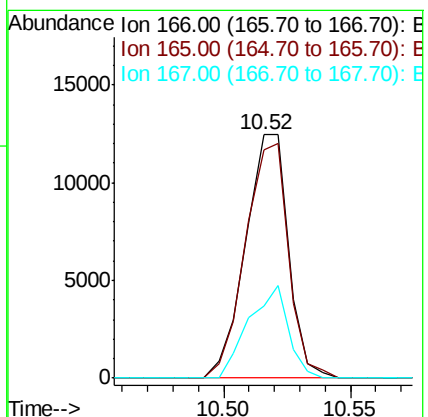
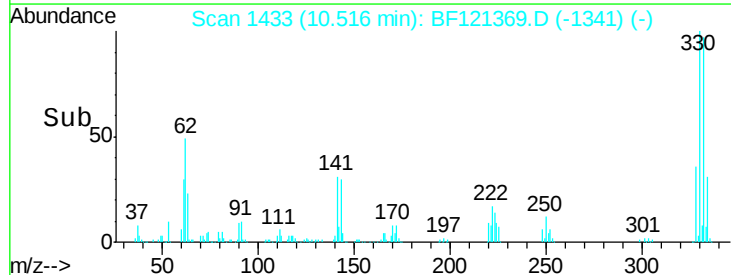
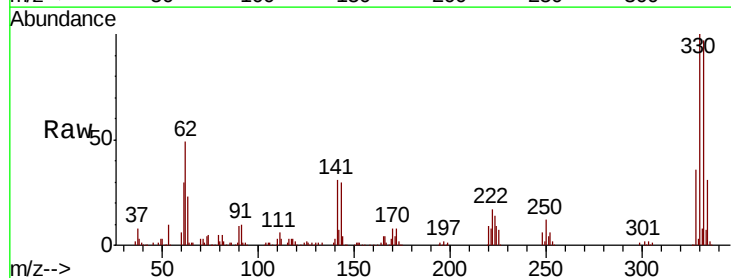
Instrument :
BNA_F
ClientSampleId :

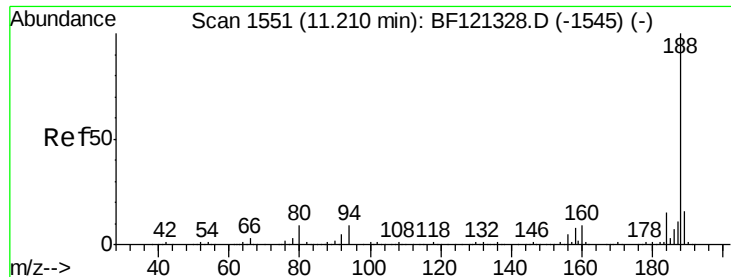
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.52 min Scan# 1433
Delta R.T. 0.24 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.8	113.8
167	29.8	11.0	16.4#

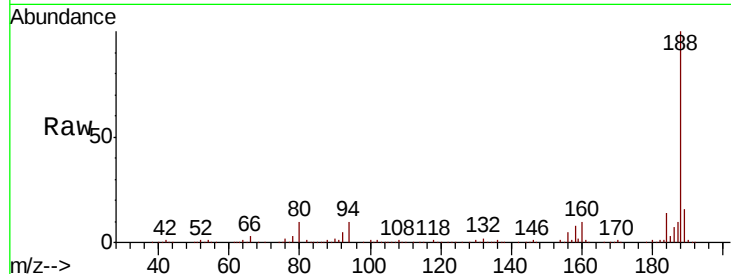




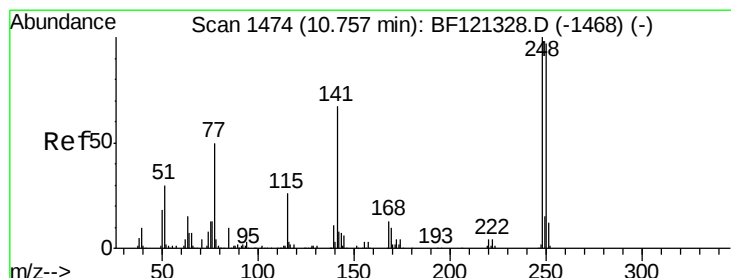
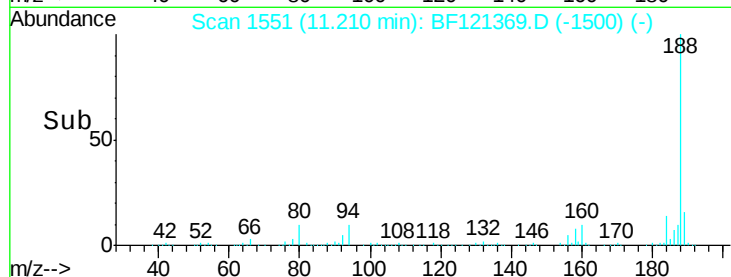
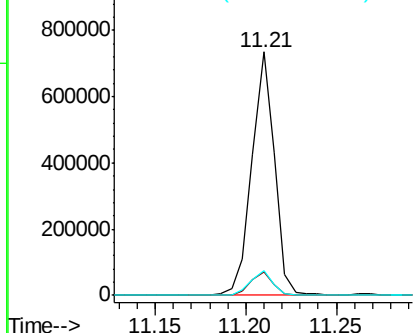
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 639287
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.0 7.4 11.0

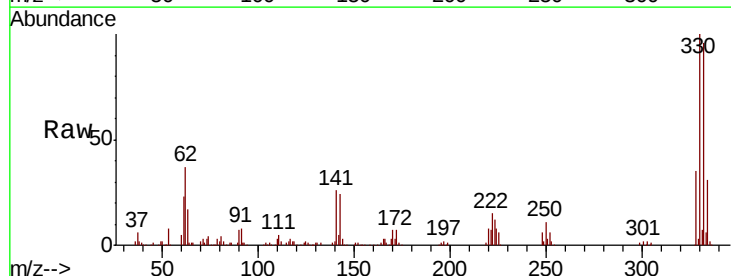


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

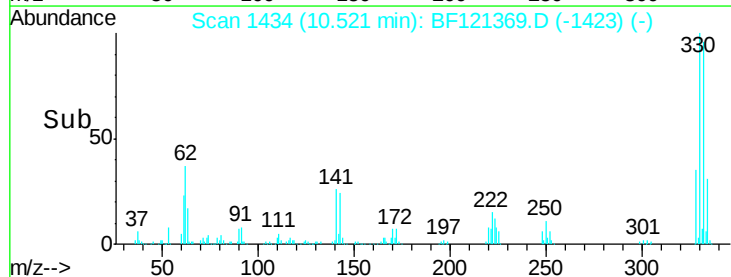
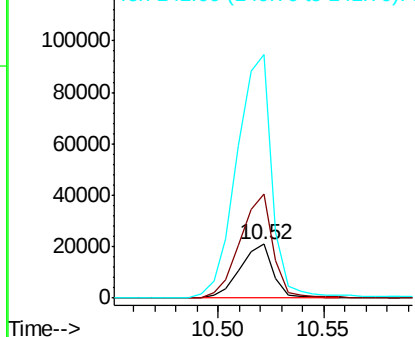


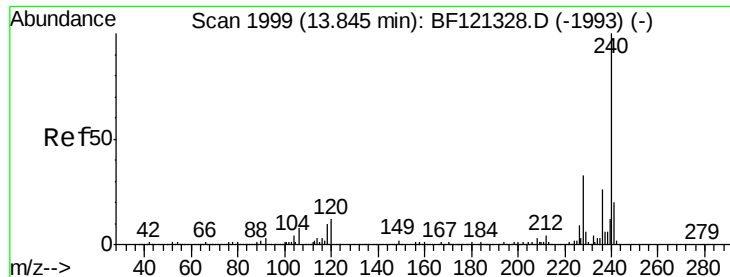
#67
4-Bromophenyl-phenylether
Concen: 3.177 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Tgt Ion:248 Resp: 22526
Ion Ratio Lower Upper
248 100
250 192.5 77.9 116.9#
141 452.5 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: BF121369.D

Acq: 21 Aug 2020 16:03

Instrument :

BNA_F

ClientSampleId :

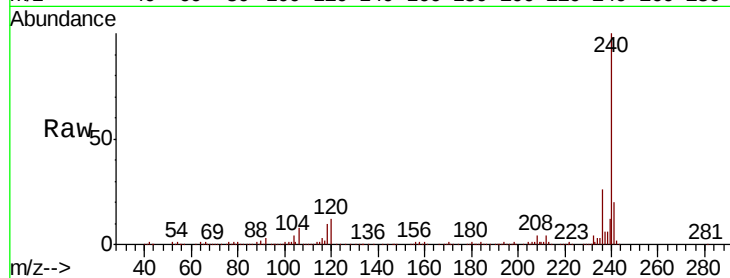
Tot Ion:240 Resp: 547872

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

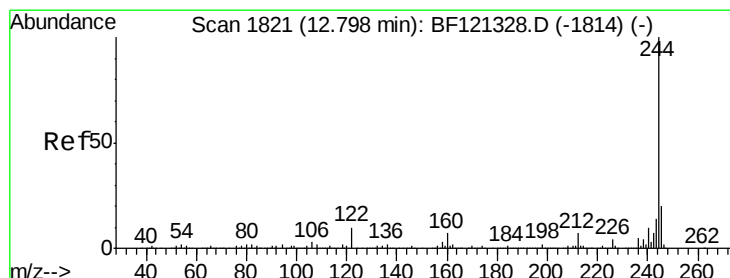
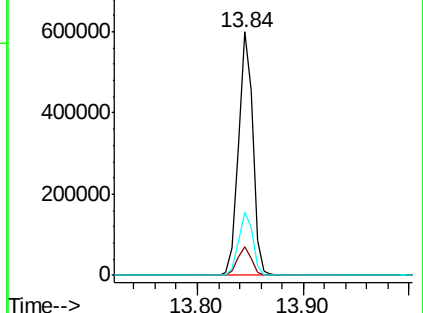
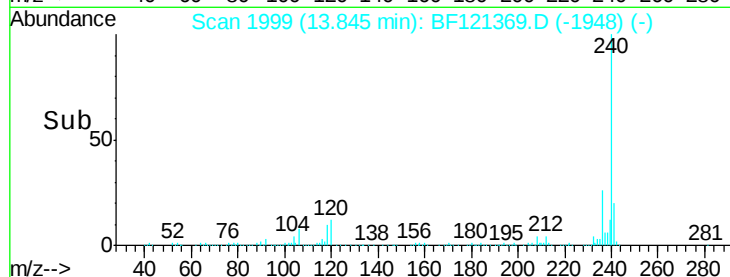
236 26.0 20.6 31.0



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: 56.768 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121369.D

Acq: 21 Aug 2020 16:03

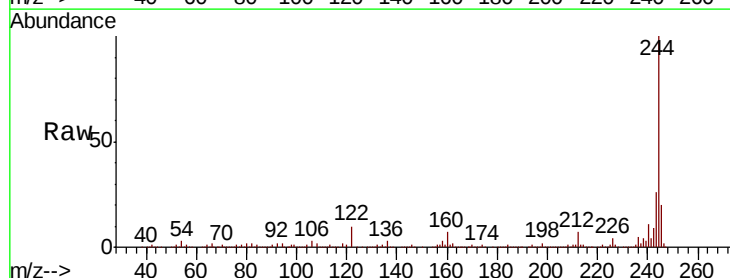
Tgt Ion:244 Resp: 1591574

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

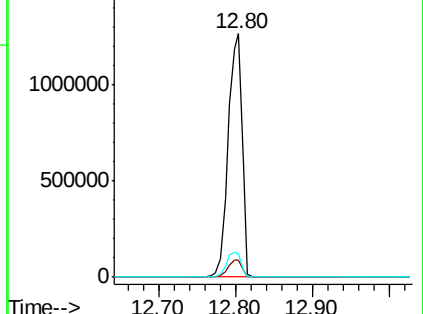
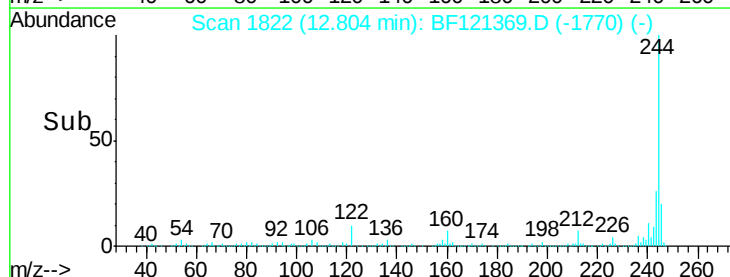
122 9.7 7.8 11.8

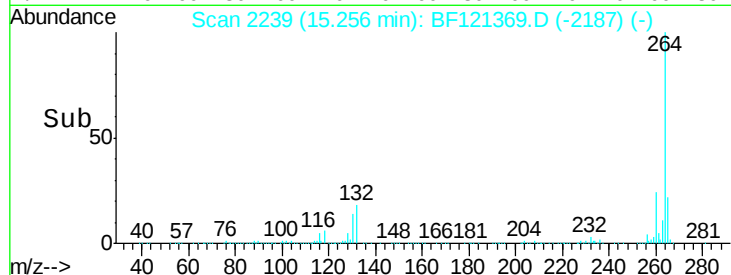
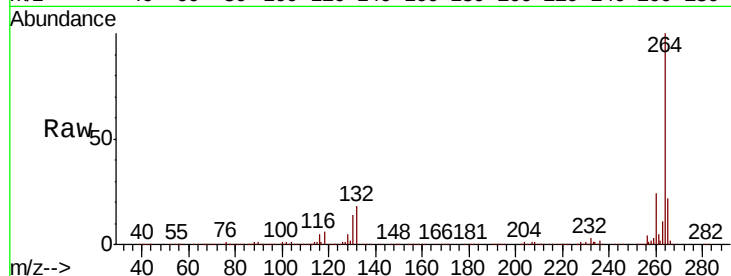
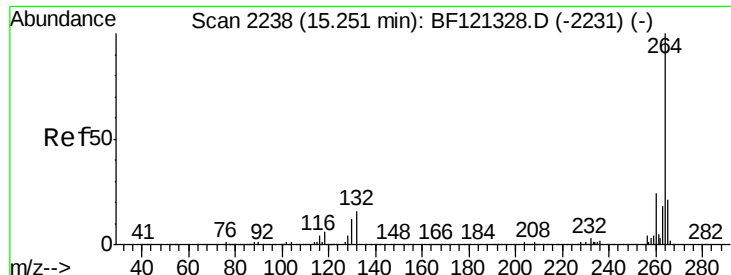


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121369.D
Acq: 21 Aug 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	531090
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.1	25.7

