

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121289.D
 Acq On : 14 Aug 2020 16:43
 Operator : JU/CG
 Sample : PB130964BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BL

Quant Time: Aug 14 17:10:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

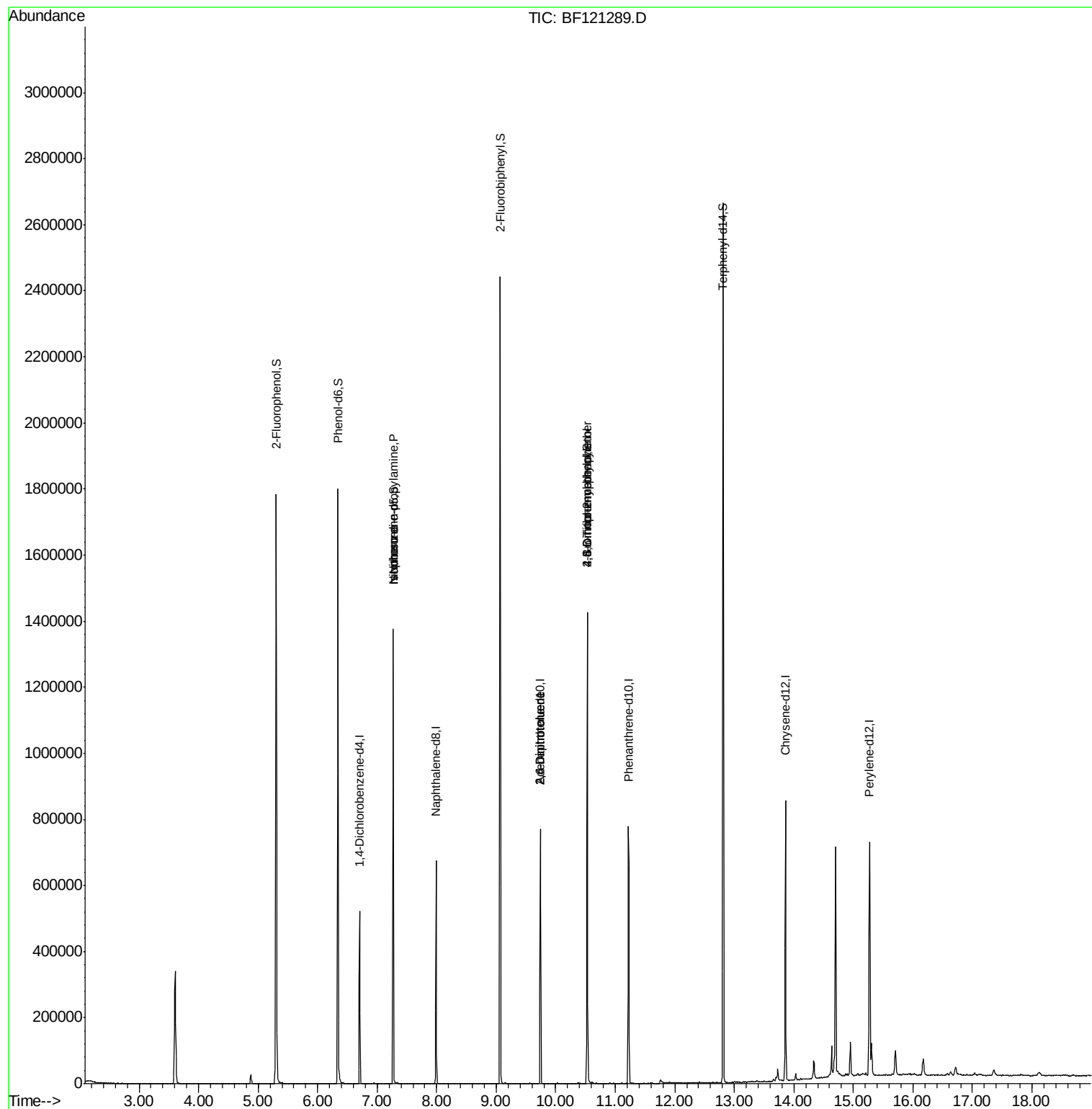
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	69119	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	272081	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	142600	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	284034	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	279863	20.00	ng	-0.02
86) Perylene-d12	15.27	264	311304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	517005	113.40	ng	0.00
7) Phenol-d6	6.34	99	616798	104.99	ng	-0.02
23) Nitrobenzene-d5	7.27	82	389459	78.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	184902	105.32	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	752378	72.98	ng	-0.01
79) Terphenyl-d14	12.81	244	896263	62.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	50454	15.457	ng	# 76
25) Isophorone	7.27	82	389509	38.969	ng	# 62
51) 2,6-Dinitrotoluene	9.74	165	18521	7.743	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	18521	5.900	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.53	198	317	6.092	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	10603	3.200	ng	# 1

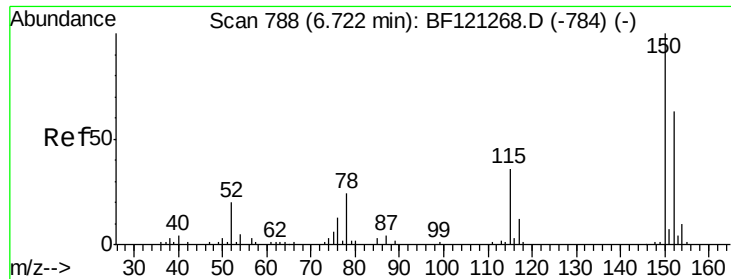
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 17:10:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration

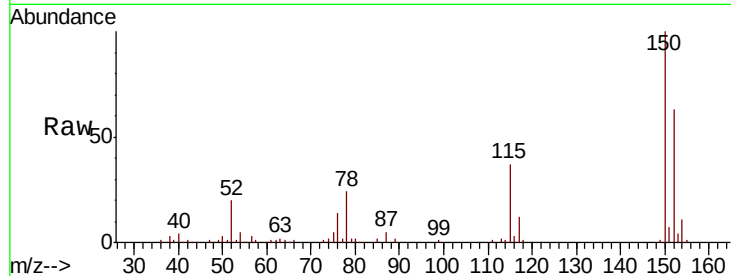




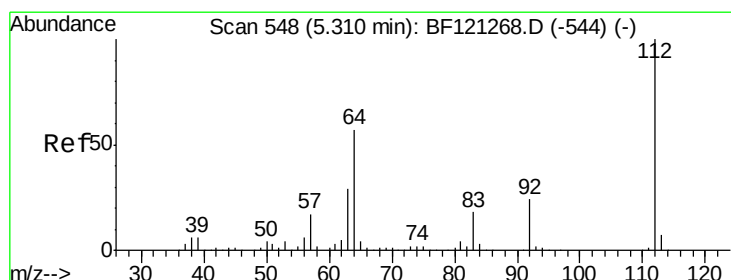
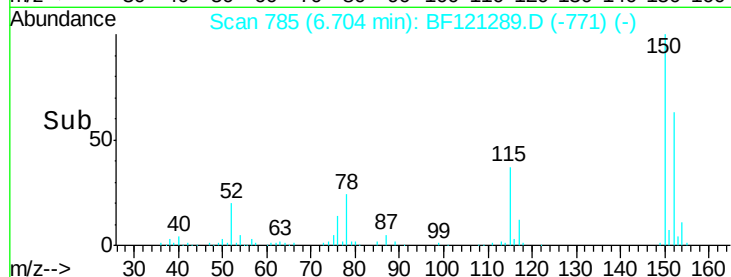
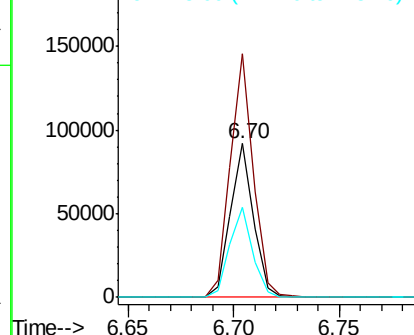
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BL

Tot Ion:152 Resp: 69119
 Ion Ratio Lower Upper
 152 100
 150 158.6 129.0 193.6
 115 58.4 49.0 73.4

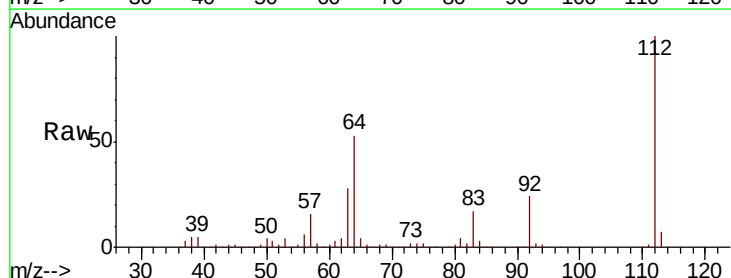


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

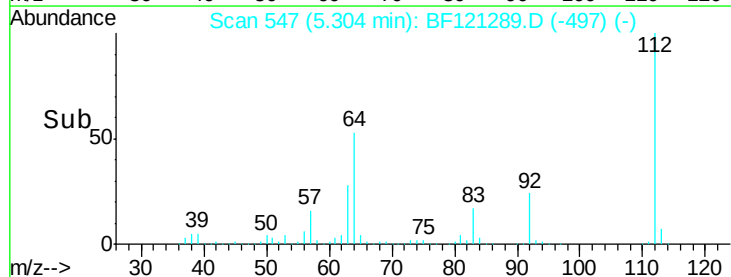
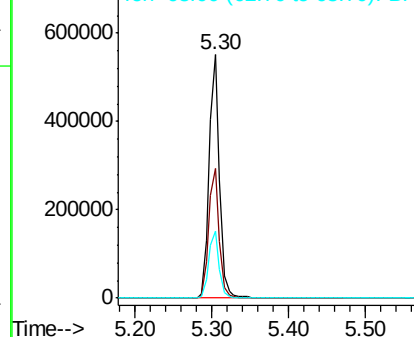


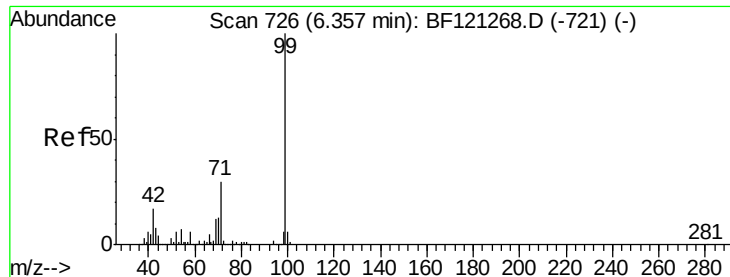
#5
 2-Fluorophenol
 Concen: 113.401 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Tgt Ion:112 Resp: 517005
 Ion Ratio Lower Upper
 112 100
 64 53.3 45.4 68.2
 63 27.7 23.0 34.6



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: 104.986 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

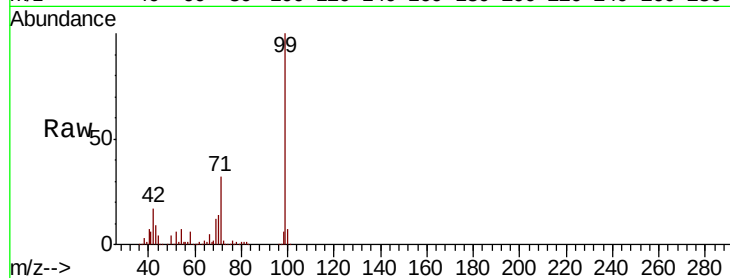
Tot Ion: 99 Resp: 616798

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

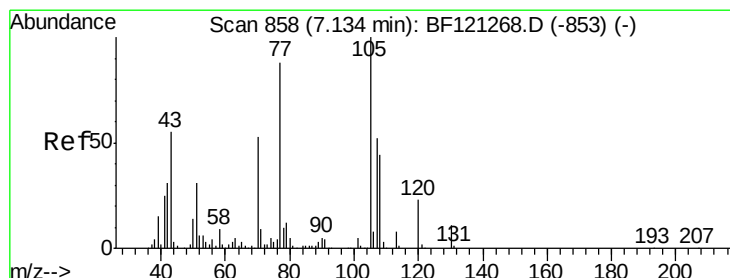
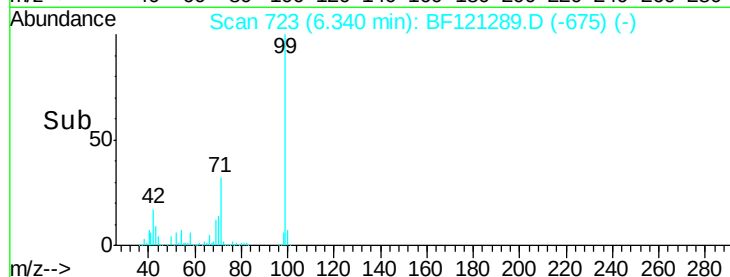
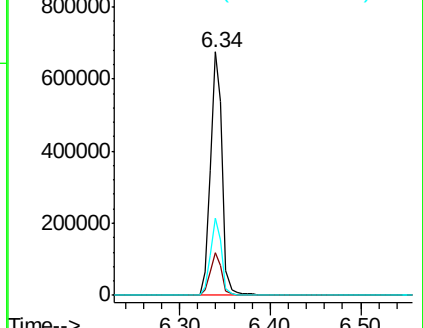
71 31.7 23.7 35.5



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: 15.457 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Tgt Ion: 70 Resp: 50454

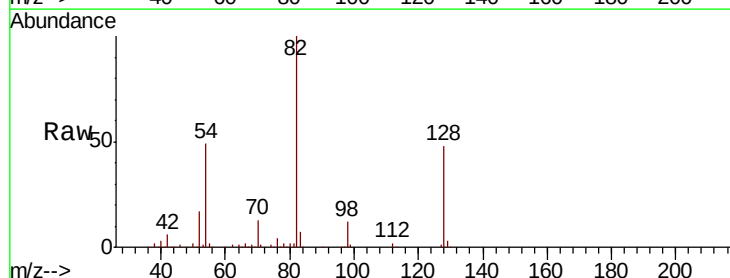
Ion Ratio Lower Upper

70 100

42 45.4 45.6 68.4#

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

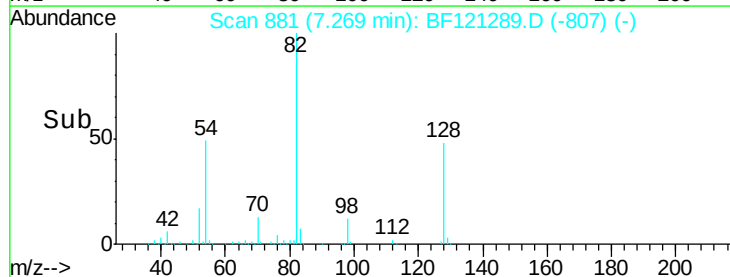
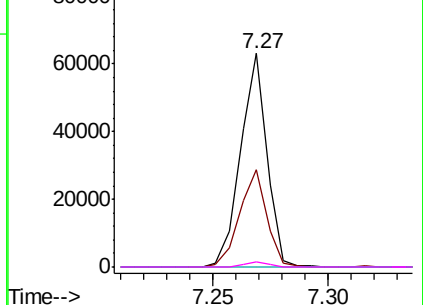


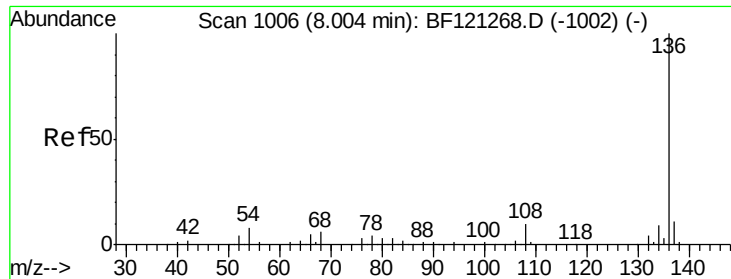
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

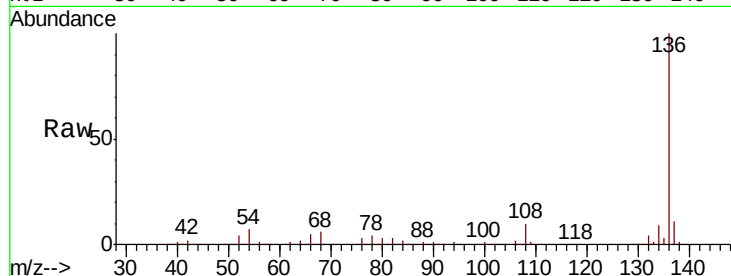




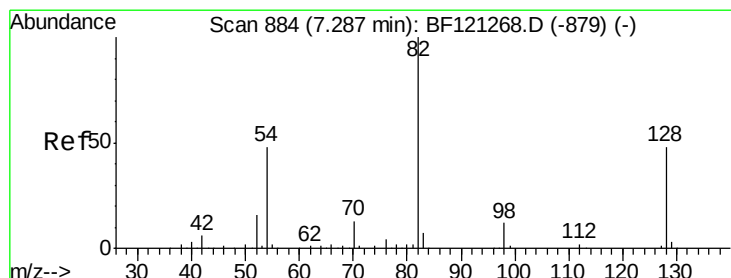
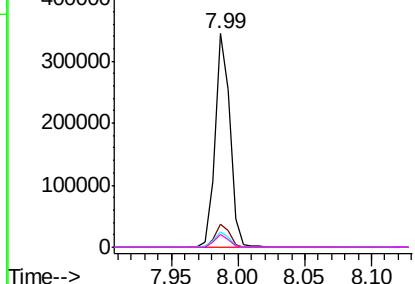
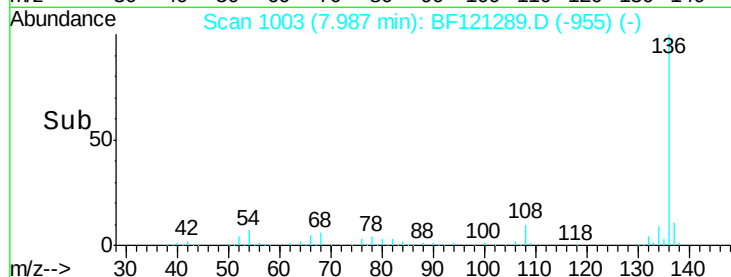
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Instrument :
BNA_F
ClientSampleId :
PB130964BL

Tot Ion:136	Resp:	272081
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.6	13.0
54 7.5	5.3	7.9
68 6.2	4.2	6.2

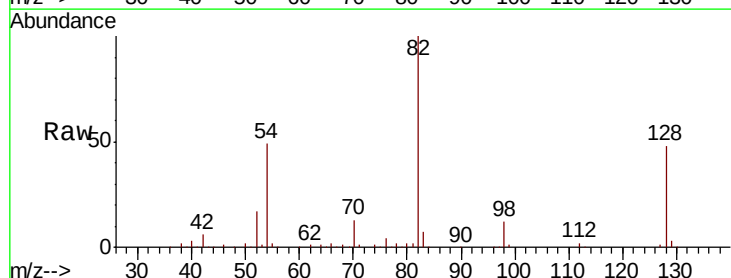


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

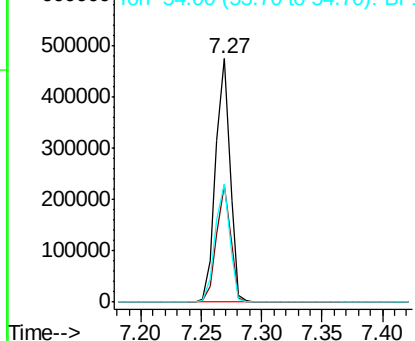
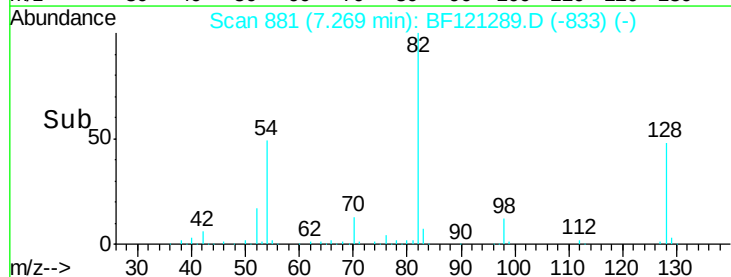


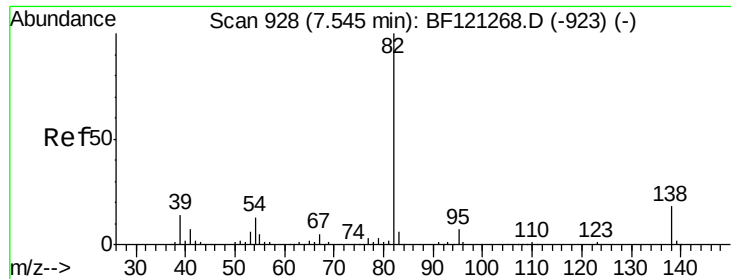
#23
Nitrobenzene-d5
Concen: 78.231 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Tgt	Ion: 82	Resp:	389459
Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.8	59.8
54	48.7	37.7	56.5



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: 38.969 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

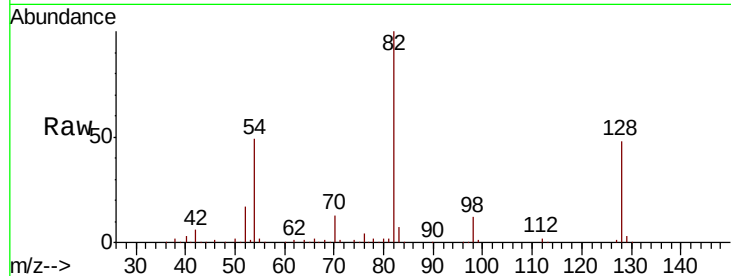
Tot Ion: 82 Resp: 389509

Ion Ratio Lower Upper

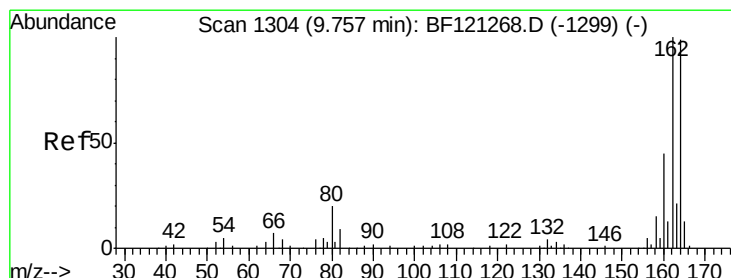
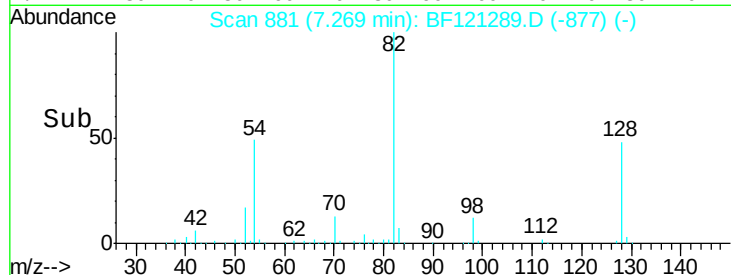
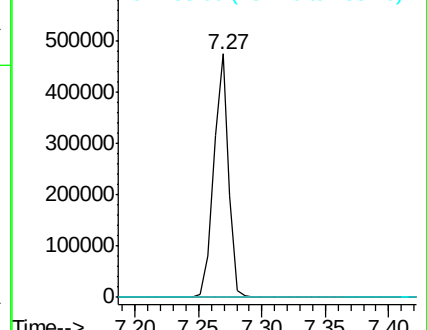
82 100

95 0.0 5.2 7.8#

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: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

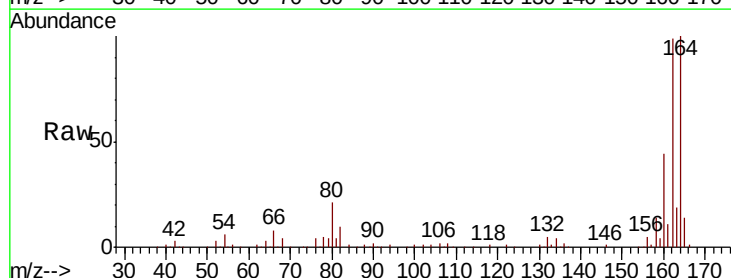
Tgt Ion: 164 Resp: 142600

Ion Ratio Lower Upper

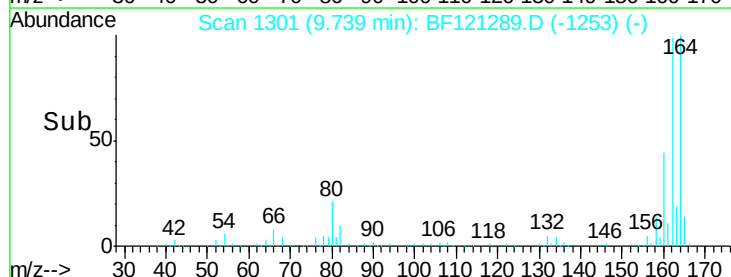
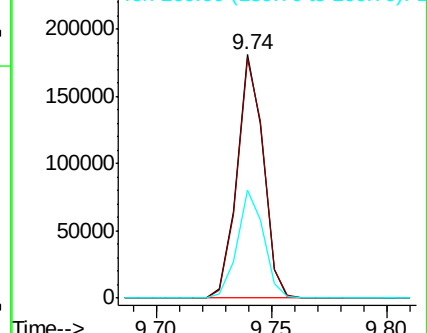
164 100

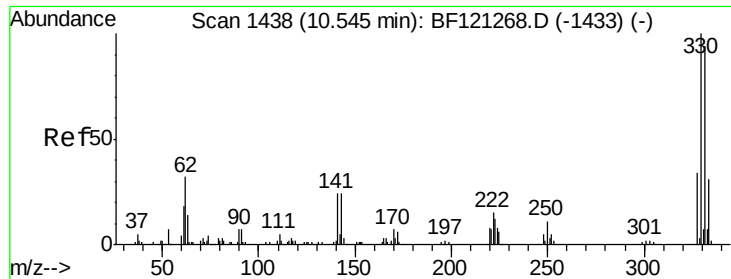
162 98.5 81.2 121.8

160 44.2 36.9 55.3



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

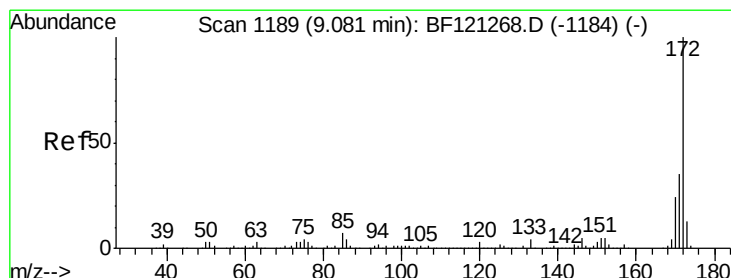
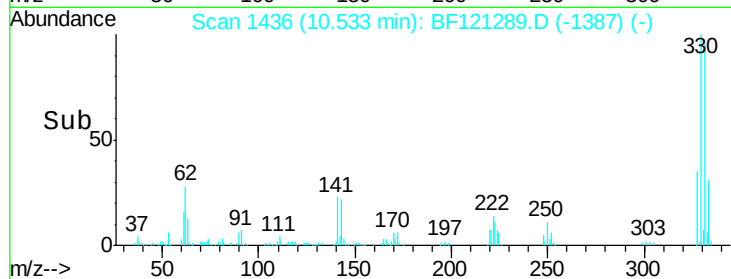
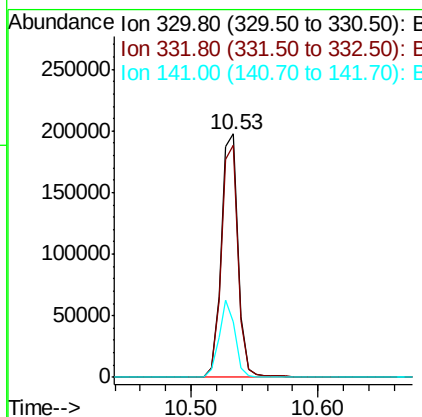
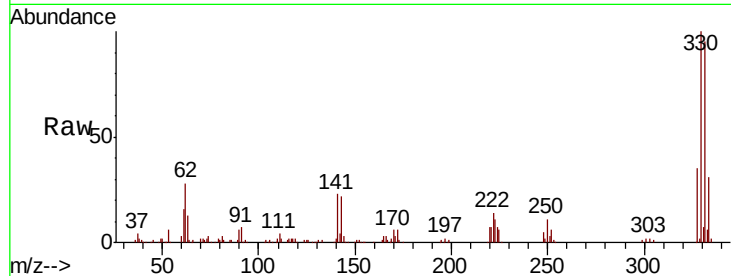




#42
 2,4,6-Tribromophenol
 Concen: 105.316 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

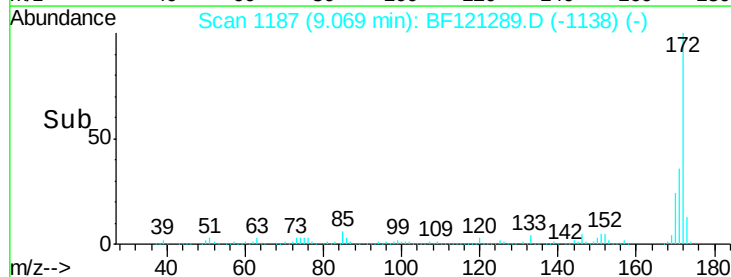
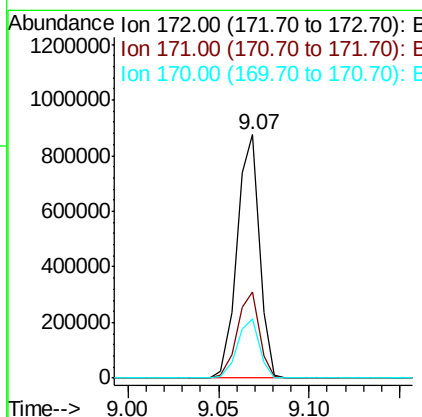
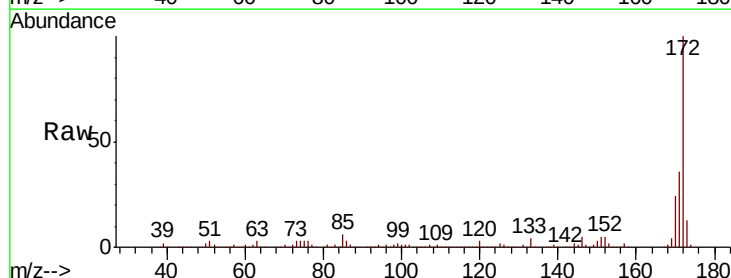
Instrument :
 BNA_F
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 PB130964BL

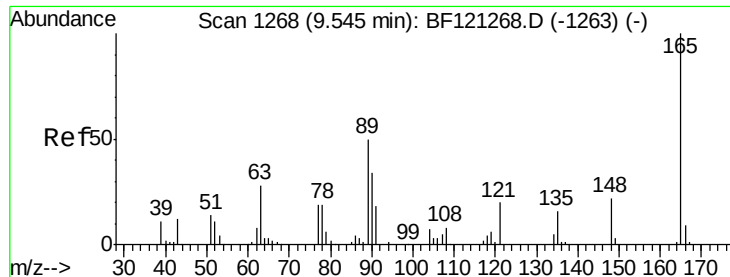
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.0
141	30.2	23.4	35.2



#45
 2-Fluorobiphenyl
 Concen: 72.984 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.2	19.3	28.9





#51

2,6-Dinitrotoluene

Concen: 7.743 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

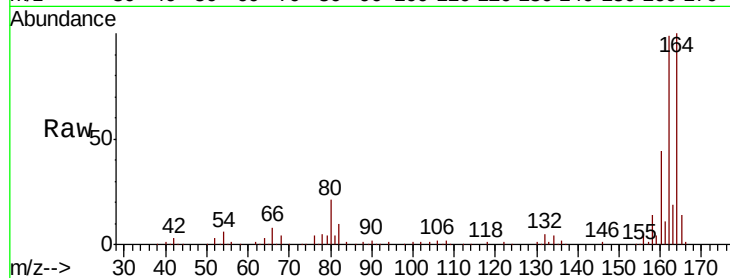
Tot Ion:165 Resp: 18521

Ion Ratio Lower Upper

165 100

63 1.3 42.3 63.5#

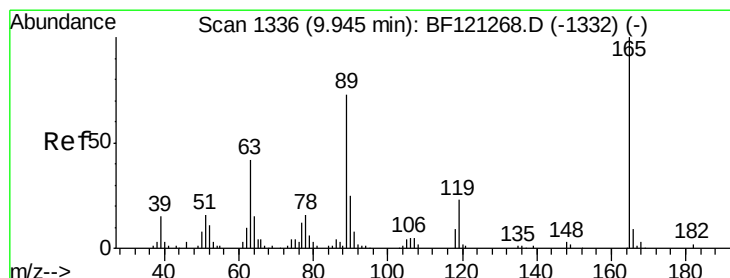
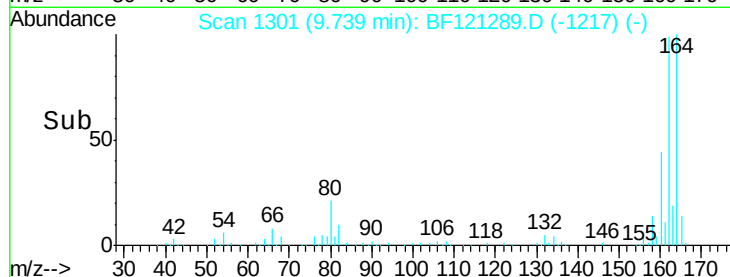
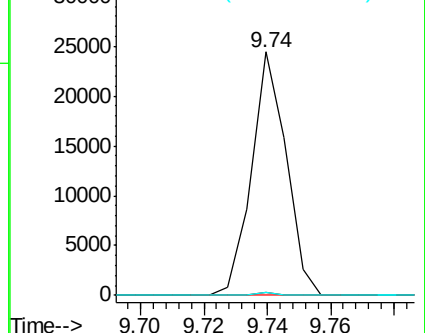
89 1.4 45.0 67.4#



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



#57

2,4-Dinitrotoluene

Concen: 5.900 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.21 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Tgt Ion:165 Resp: 18521

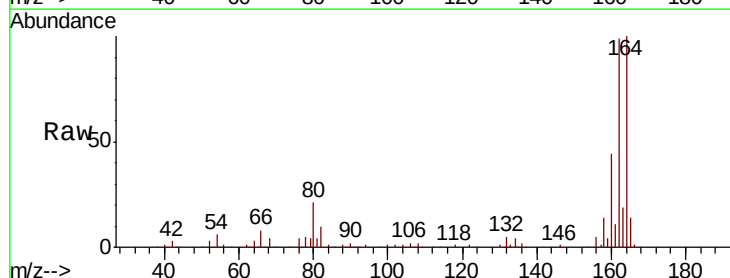
Ion Ratio Lower Upper

165 100

63 1.3 31.9 47.9#

89 1.4 53.6 80.4#

182 0.0 1.8 2.6#

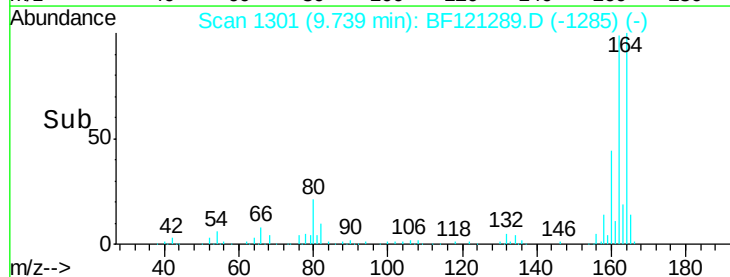
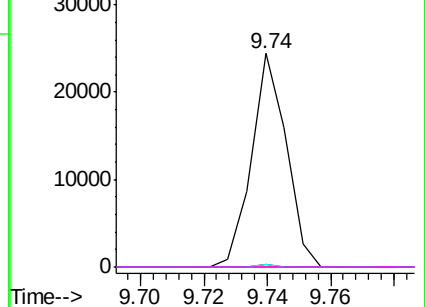


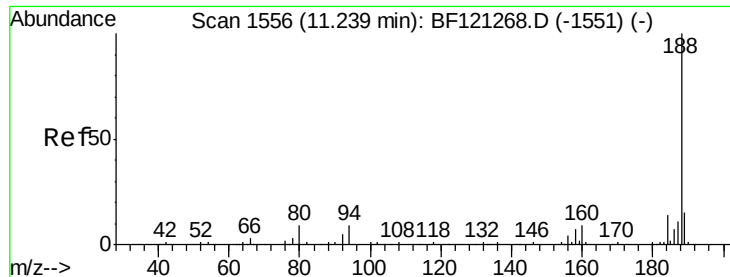
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

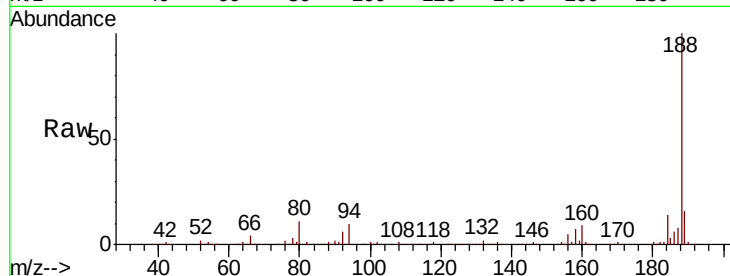
Tot Ion:188 Resp: 284034

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

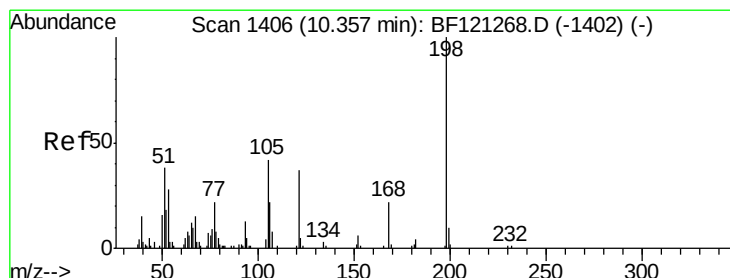
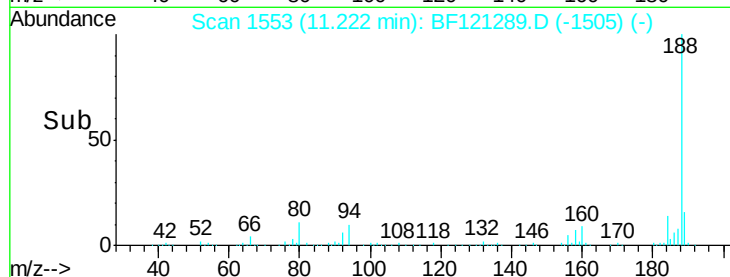
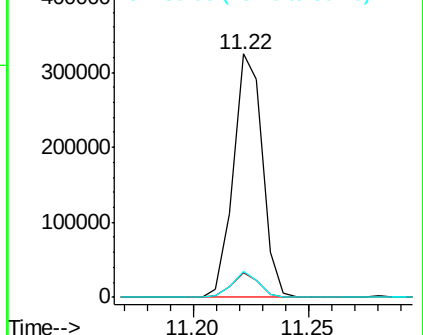
80 10.7 7.4 11.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.092 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.17 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

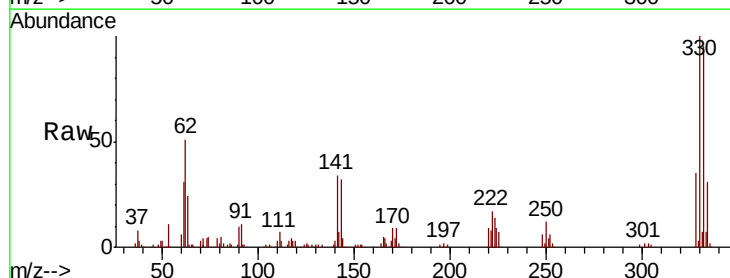
Tgt Ion:198 Resp: 317

Ion Ratio Lower Upper

198 100

51 174.3 29.1 69.1#

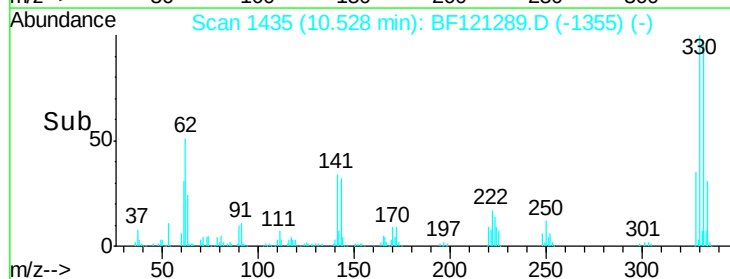
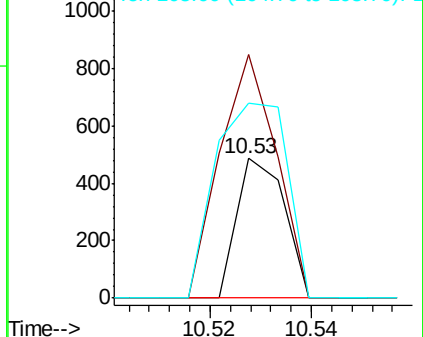
105 139.7 28.3 68.3#

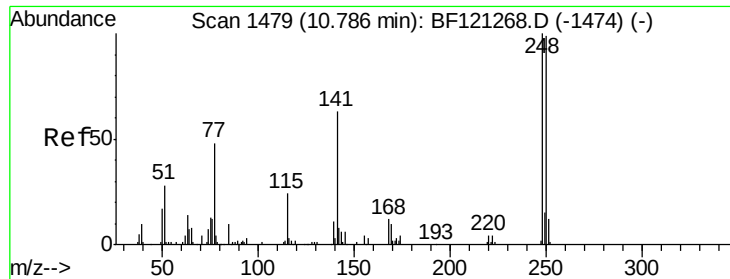


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

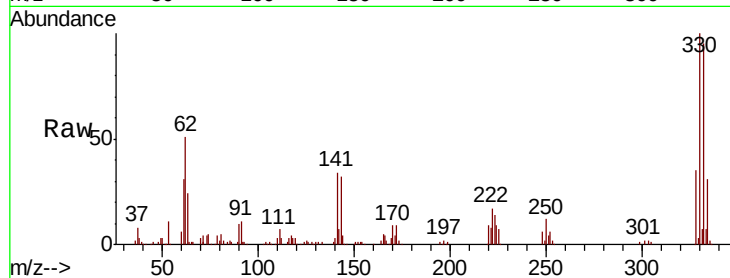




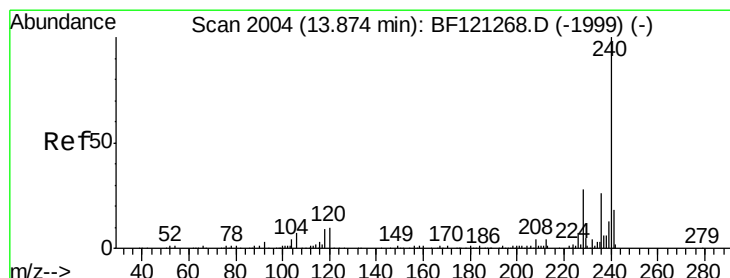
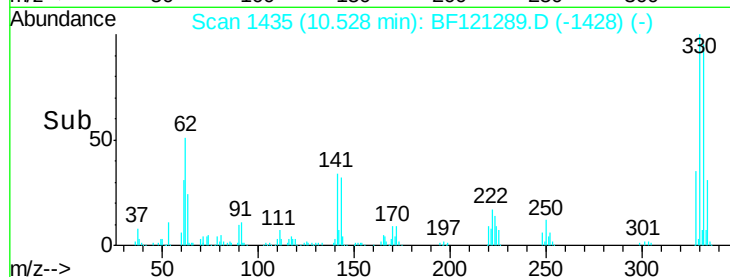
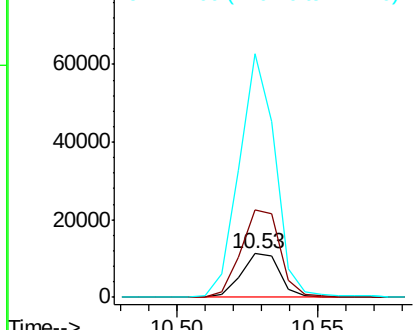
#67
4-Bromophenyl-phenylether
Concen: 3.200 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Instrument :
BNA_F
ClientSampleId :
PB130964BL

Tot Ion:248 Resp: 10603
Ion Ratio Lower Upper
248 100
250 201.6 77.7 116.5#
141 557.3 53.4 80.2#

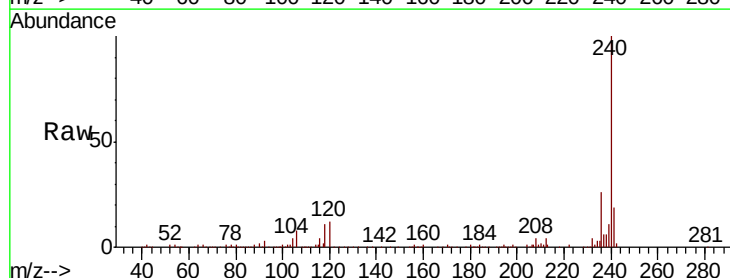


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

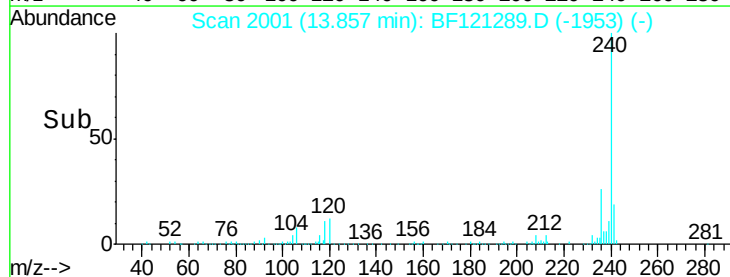
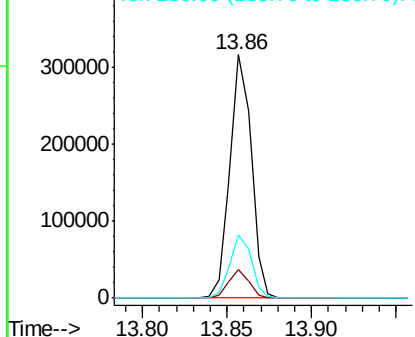


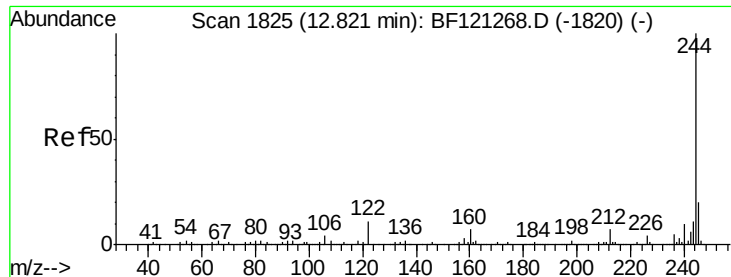
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Tgt Ion:240 Resp: 279863
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.8 21.0 31.4



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

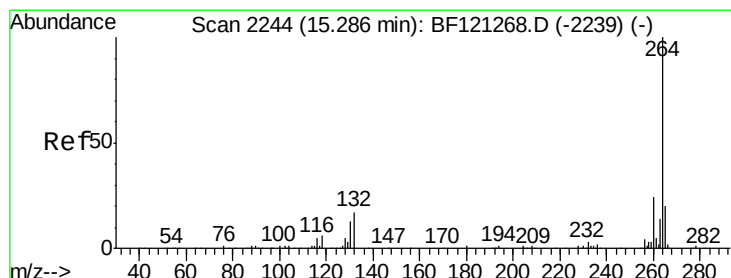
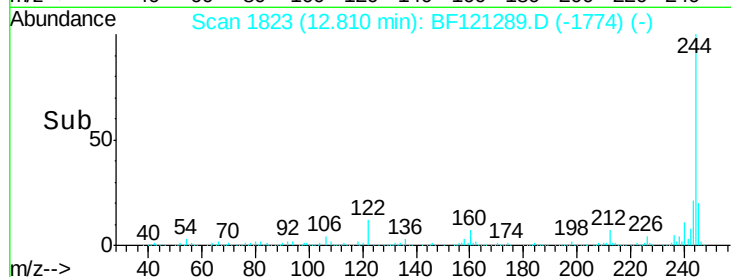
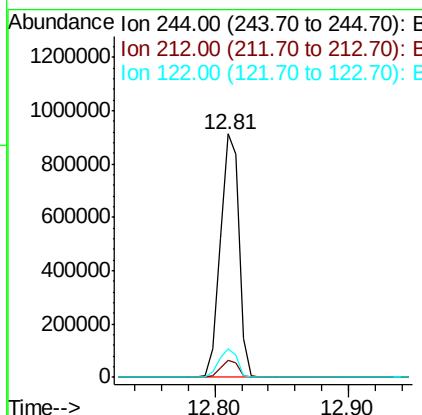
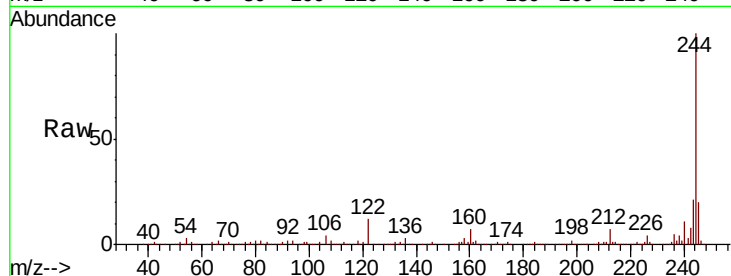




#79
 Terphenyl-d14
 Concen: 62.428 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.7	9.1	13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.1	25.7

