

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121896.D
 Acq On : 8 Oct 2020 18:50
 Operator : JU/CG
 Sample : L4297-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-RBR-200031

Quant Time: Oct 09 00:33:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

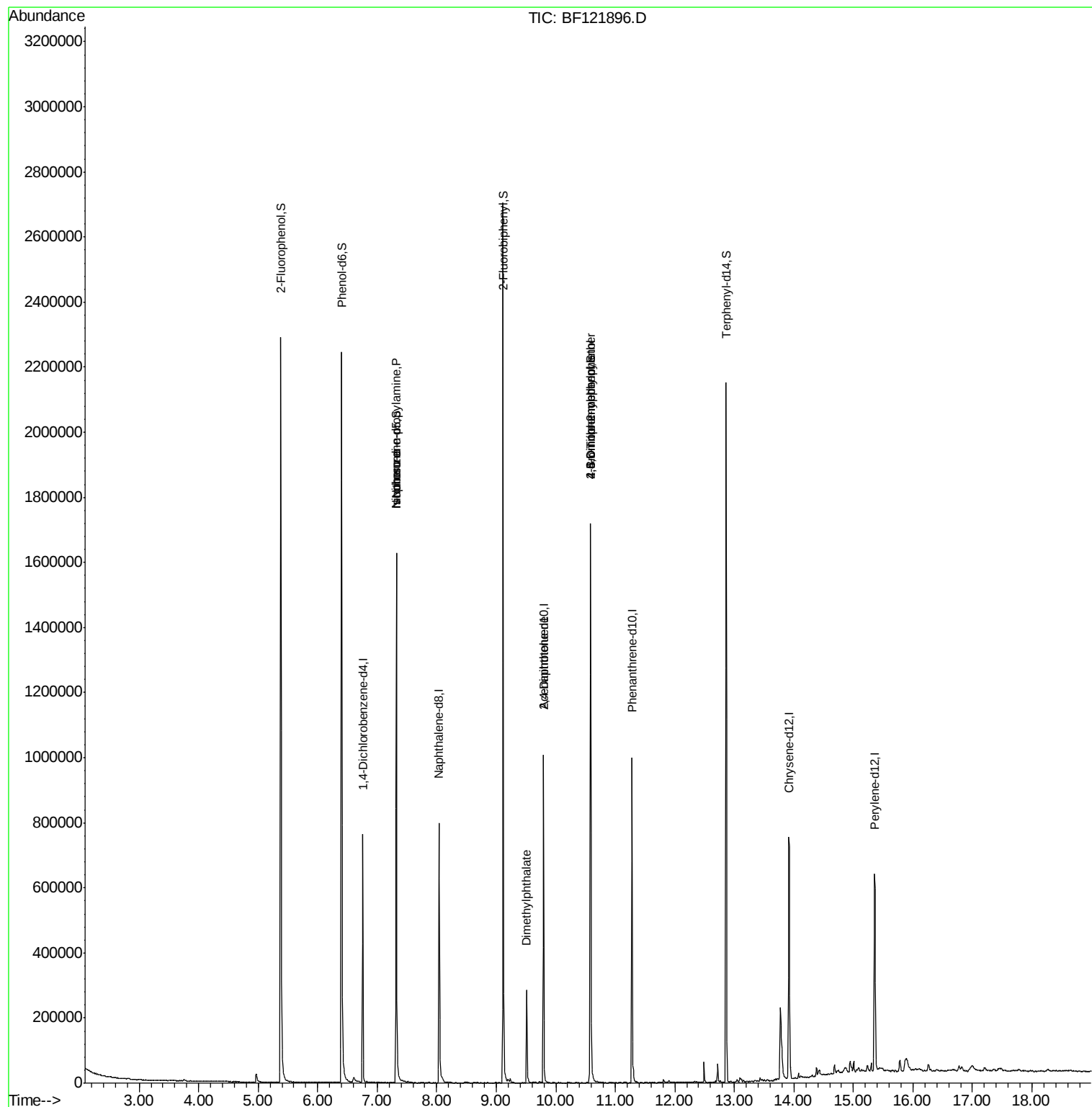
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	97994	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	396328	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	202962	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	376041	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	265503	20.00	ng	-0.01
86) Perylene-d12	15.36	264	273940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	646143	97.99	ng	0.00
7) Phenol-d6	6.40	99	805276	93.09	ng	-0.01
23) Nitrobenzene-d5	7.32	82	572630	77.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	221886	87.96	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	788433	58.83	ng	-0.02
79) Terphenyl-d14	12.86	244	602332	45.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	75140	15.071	ng	# 79
25) Isophorone	7.32	82	572626	38.537	ng	# 67
50) Dimethylphthalate	9.51	163	132791	9.027	ng	# 99
57) 2,4-Dinitrotoluene	9.79	165	25711	6.524	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	389	6.997	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	12748	2.978	ng	# 1

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

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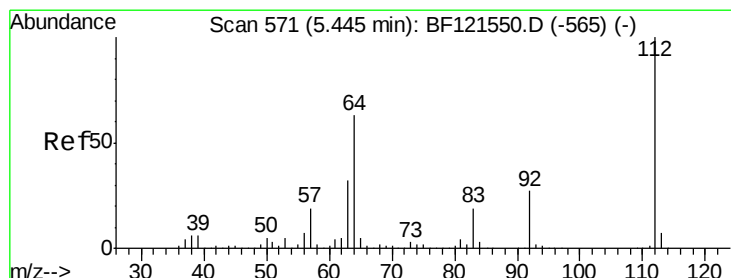
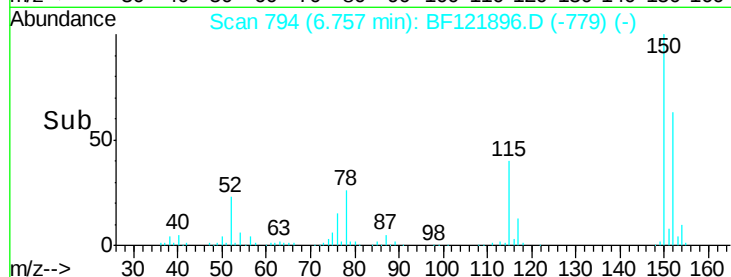
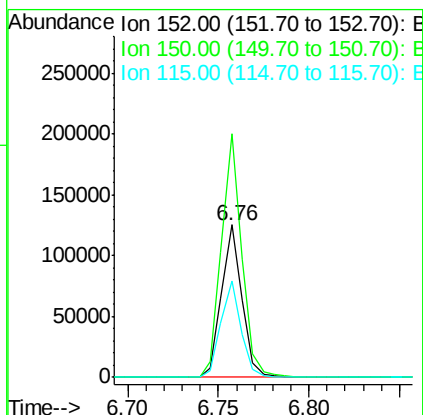
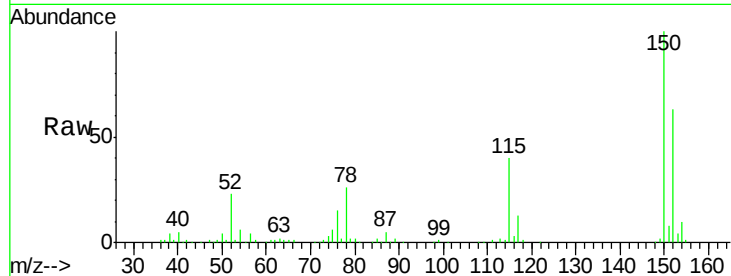


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200031

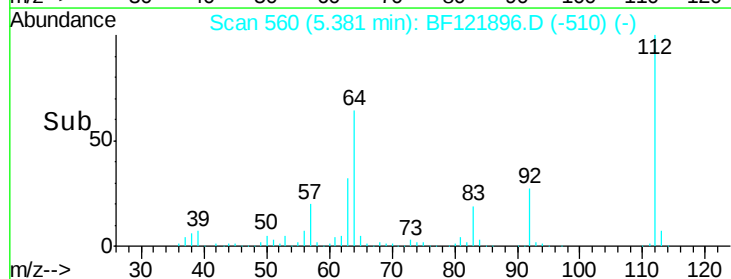
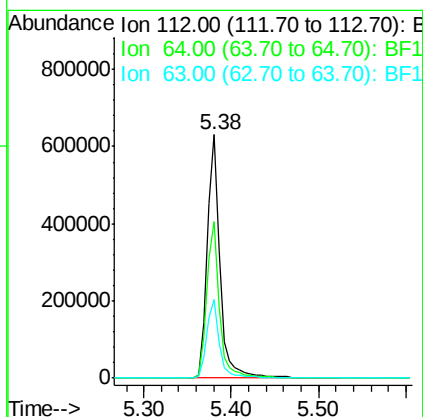
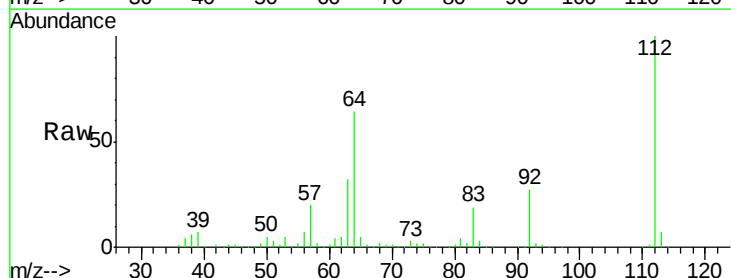
Tot Ion:152 Resp: 97994
Ion Ratio Lower Upper
152 100
150 160.0 125.3 187.9
115 63.4 51.9 77.9



#5

2-Fluorophenol
Concen: 97.991 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion:112 Resp: 646143
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 32.4 25.8 38.6





#7

Phenol-d6

Concen: 93.086 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

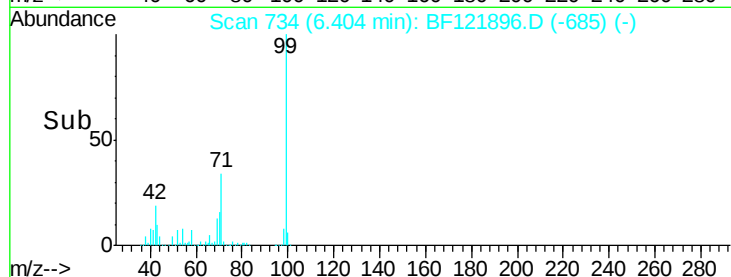
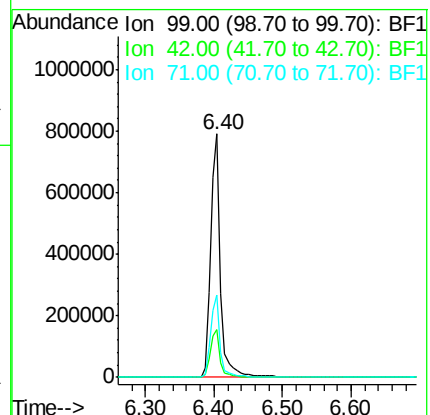
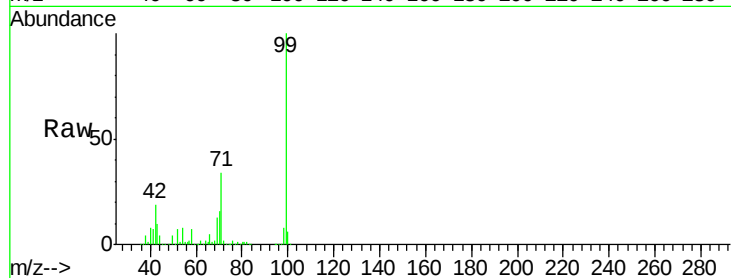
Tot Ion: 99 Resp: 805276

Ion Ratio Lower Upper

99 100

42 19.5 15.9 23.9

71 33.7 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.071 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Tgt Ion: 70 Resp: 75140

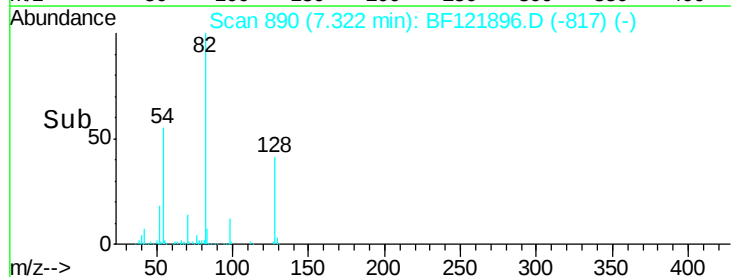
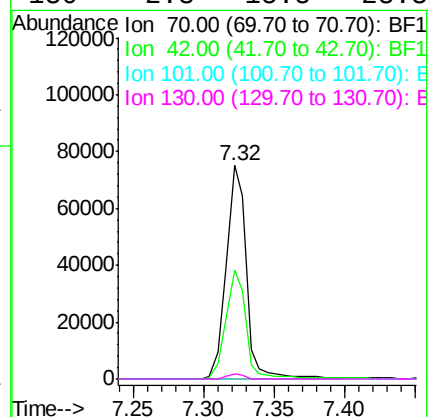
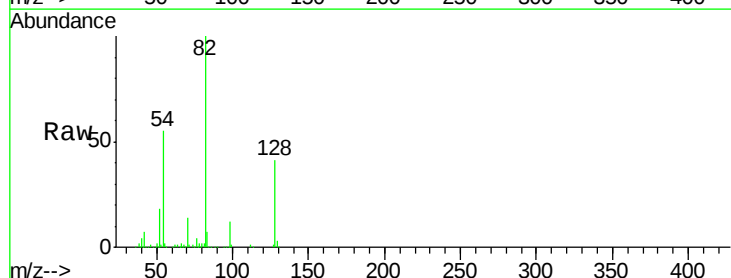
Ion Ratio Lower Upper

70 100

42 50.7 50.2 75.4

101 0.0 7.5 11.3#

130 2.3 15.5 23.3#

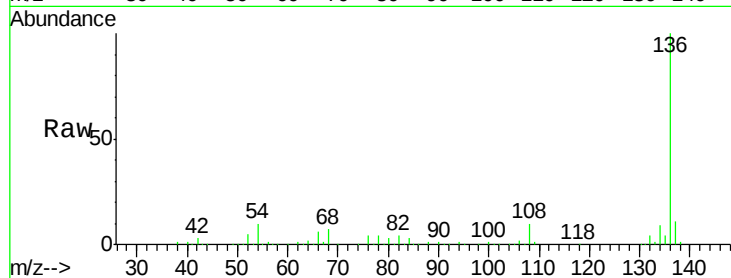




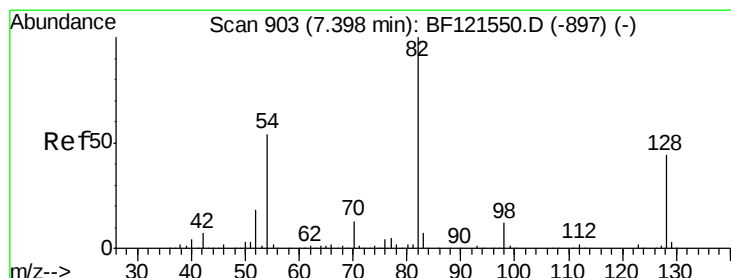
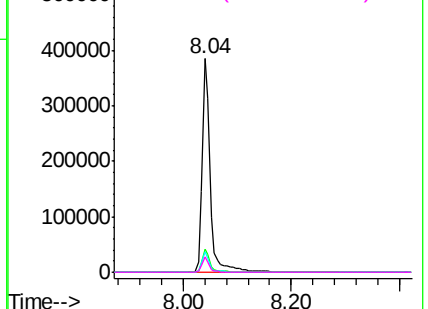
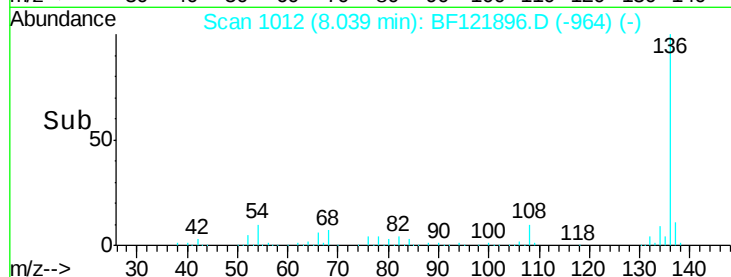
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200031

Tot Ion:136	Resp:	396328
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	9.6	7.1 10.7
68	7.0	5.0 7.4

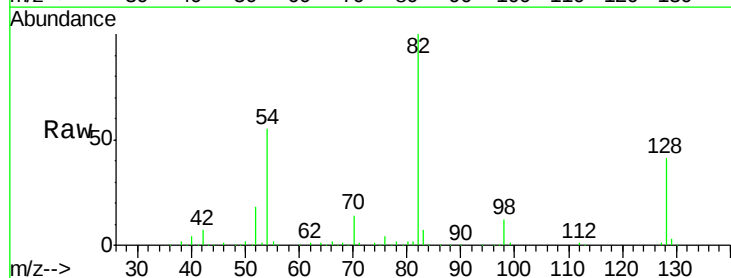


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

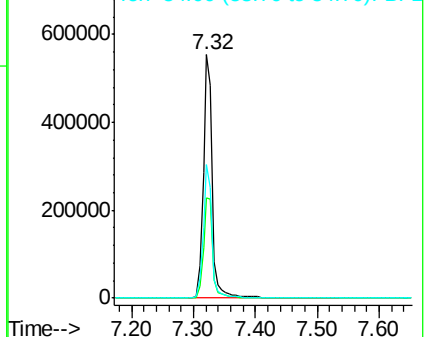
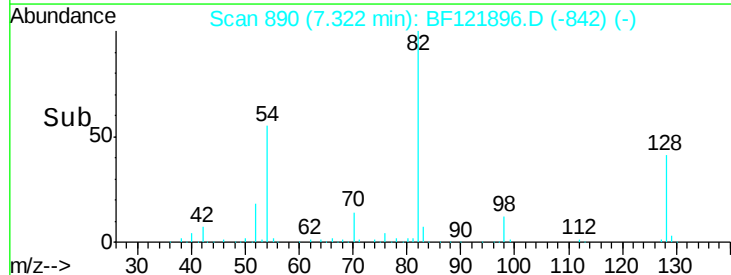


#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion: 82	Resp:	572630
Ion	Ratio	Lower Upper
82	100	
128	41.3	35.0 52.4
54	55.0	43.9 65.9



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: 38.537 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.28 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

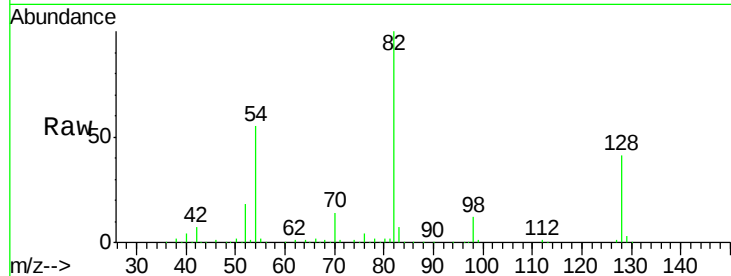
Tot Ion: 82 Resp: 572626

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

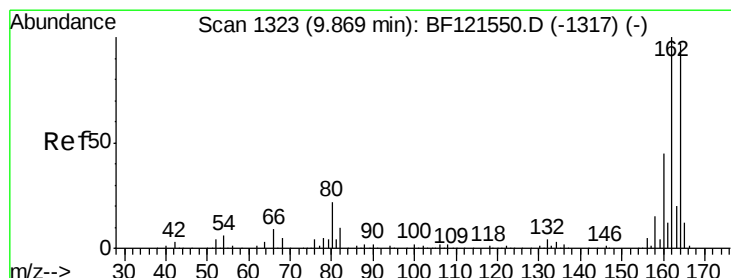
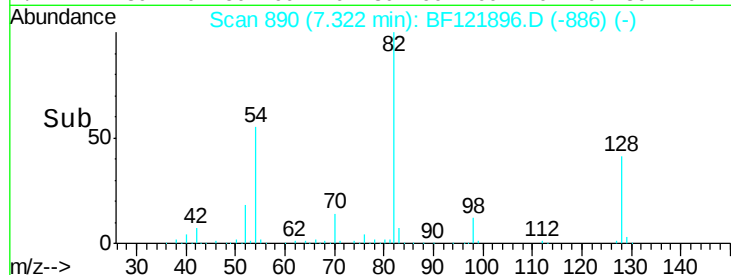
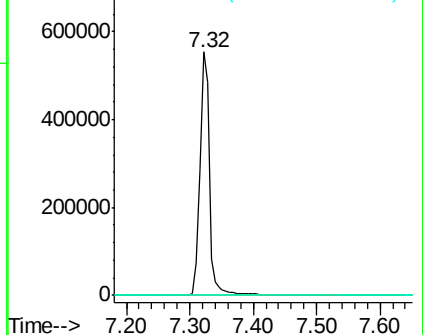
138 0.0 13.4 20.0#



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: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

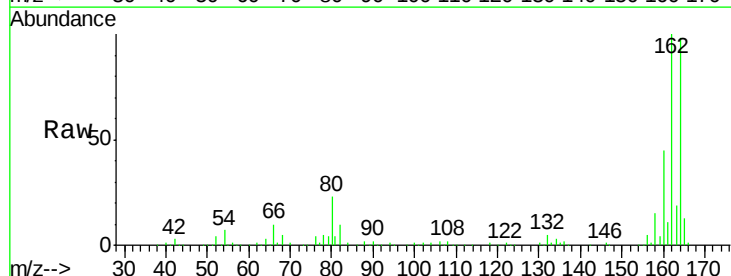
Tgt Ion: 164 Resp: 202962

Ion Ratio Lower Upper

164 100

162 102.4 83.2 124.8

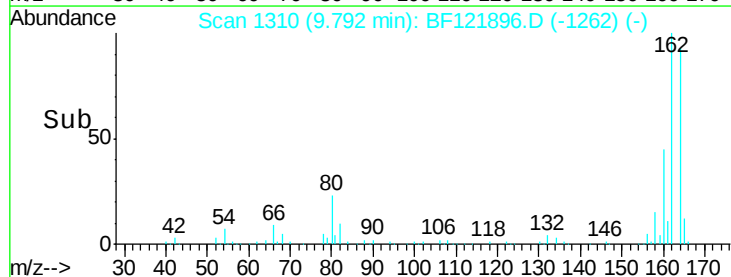
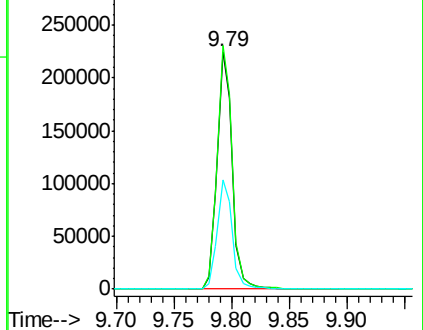
160 45.7 37.5 56.3

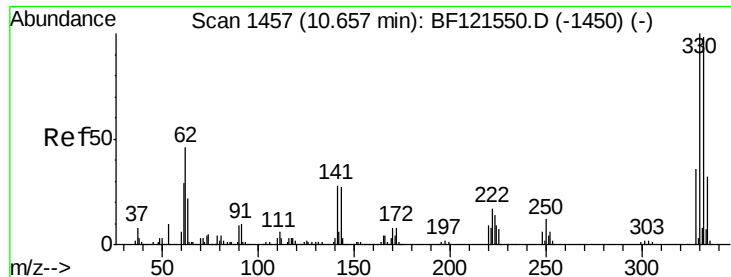


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

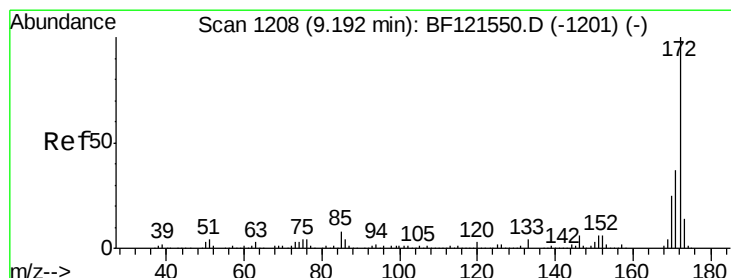
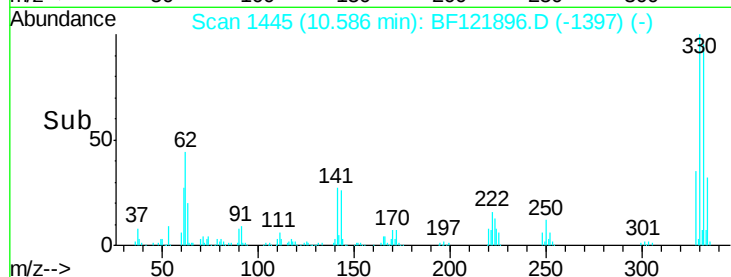
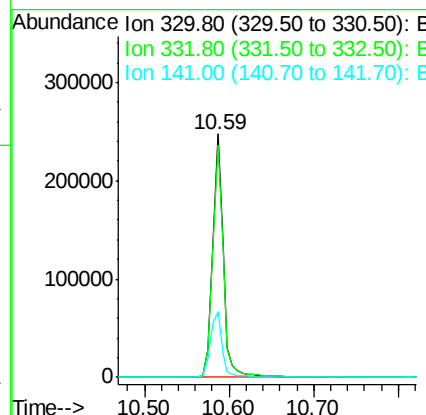
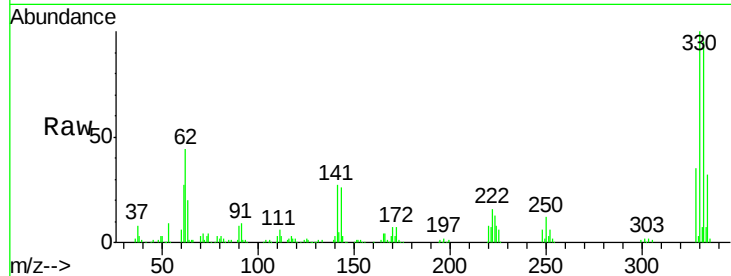




#42
 2,4,6-Tribromophenol
 Concen: 87.961 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121896.D
 Acq: 8 Oct 2020 18:50

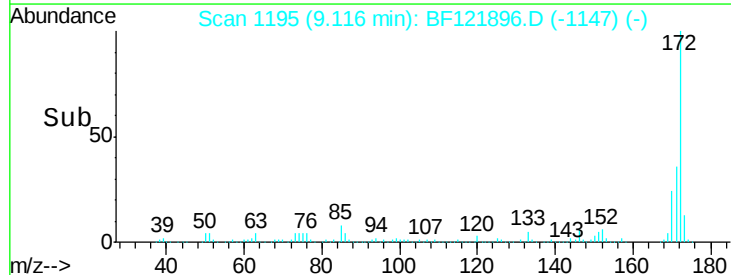
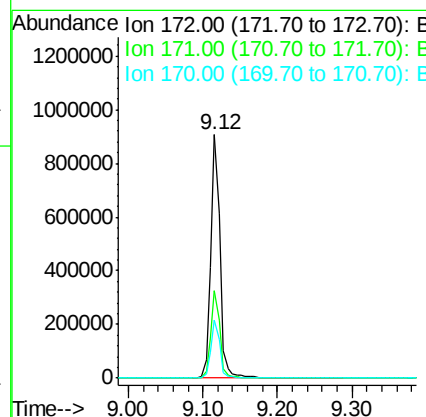
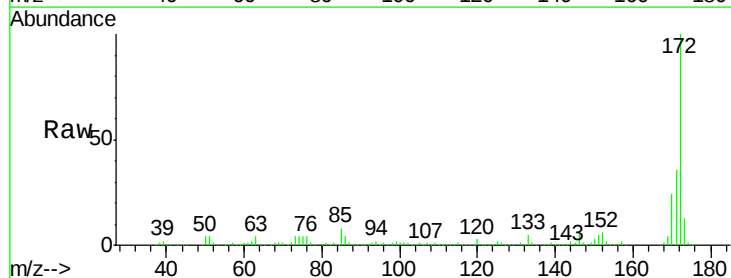
Instrument :
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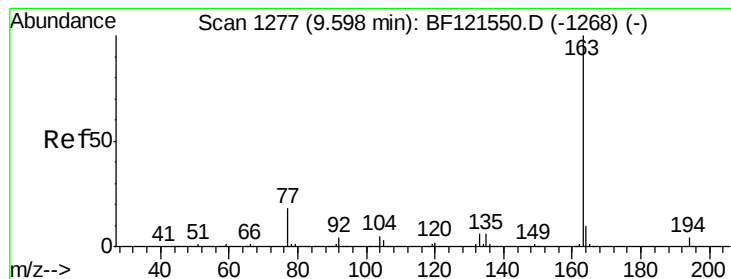
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	29.3	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 58.834 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121896.D
 Acq: 8 Oct 2020 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	23.7	19.8	29.6





#50

Dimethylphthalate

Concen: 9.027 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

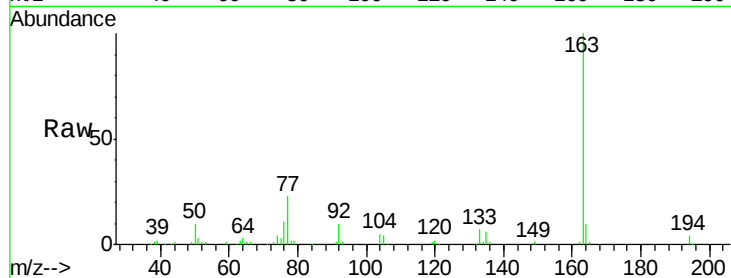
Tot Ion:163 Resp: 132791

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

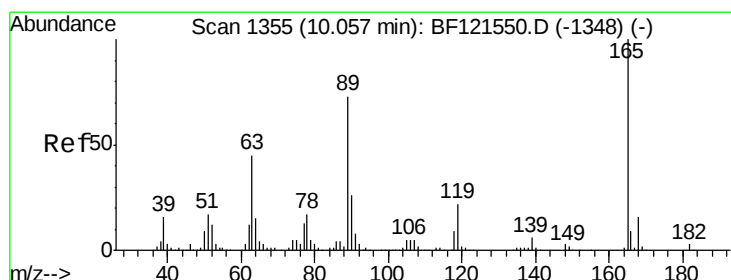
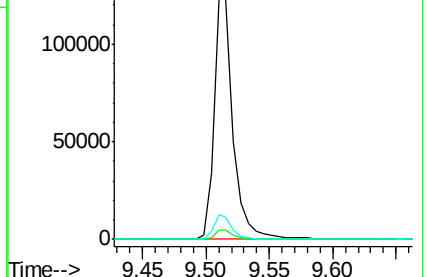
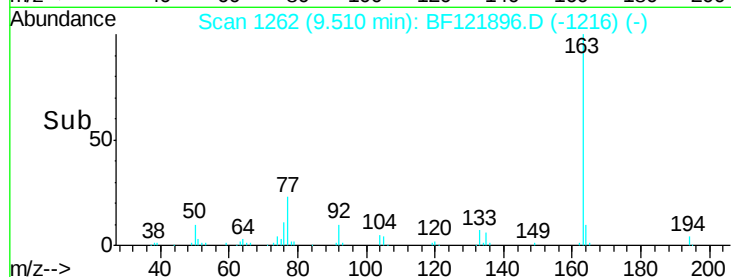
164 10.0 8.2 12.4



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: 6.524 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Tgt Ion:165 Resp: 25711

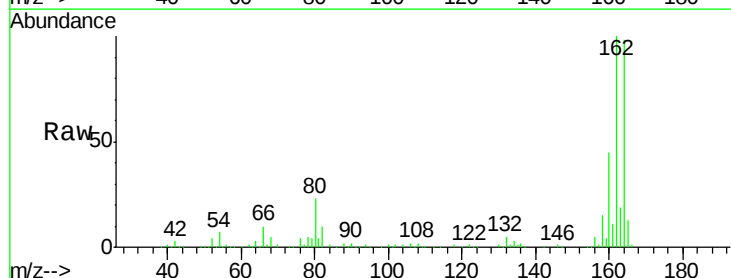
Ion Ratio Lower Upper

165 100

63 1.4 41.3 61.9#

89 1.3 61.8 92.8#

182 0.0 2.1 3.1#

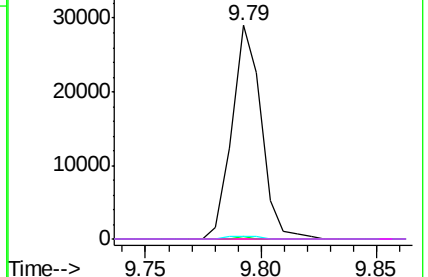
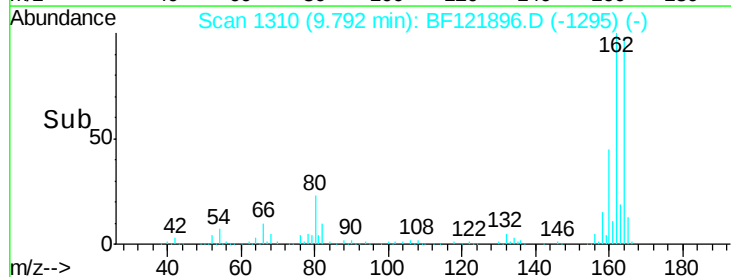


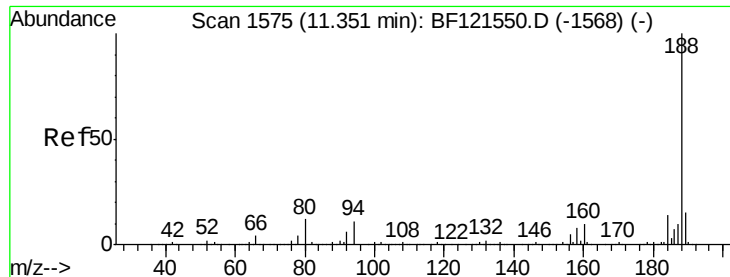
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

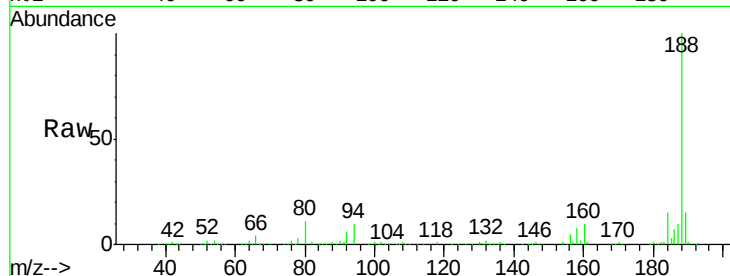
Tot Ion:188 Resp: 376041

Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

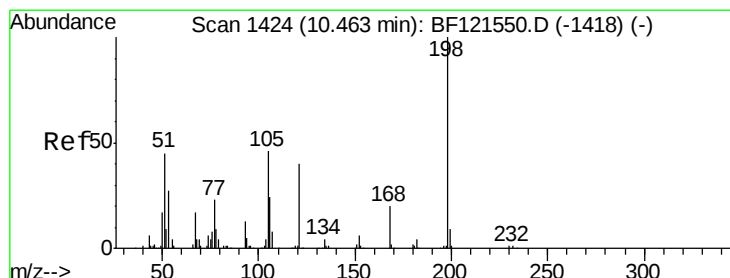
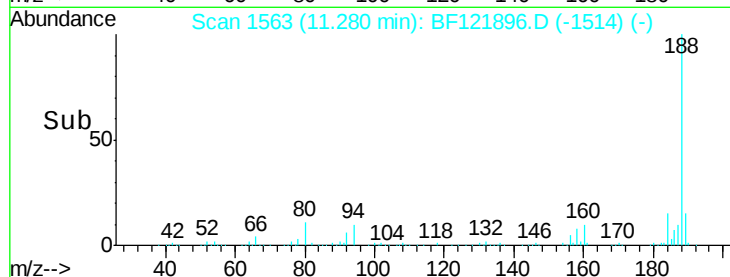
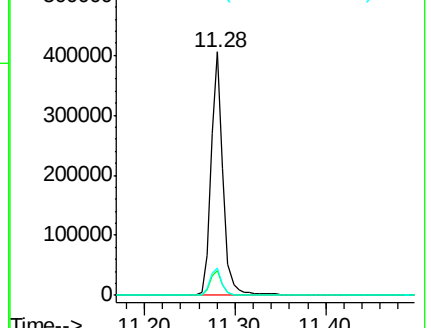
80 11.1 9.1 13.7



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: 6.997 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.17 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

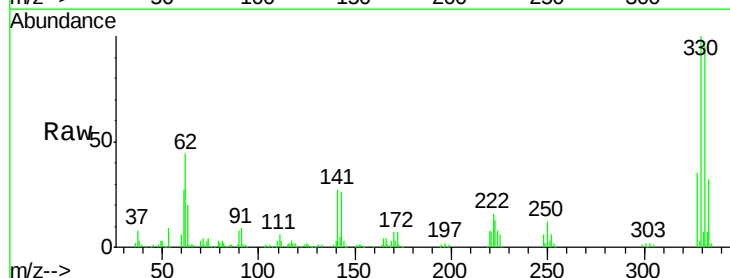
Tgt Ion:198 Resp: 389

Ion Ratio Lower Upper

198 100

51 159.8 29.6 69.6#

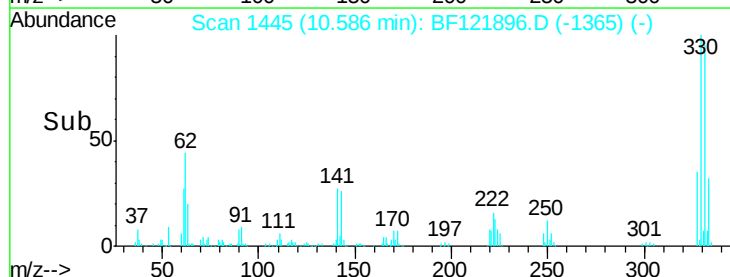
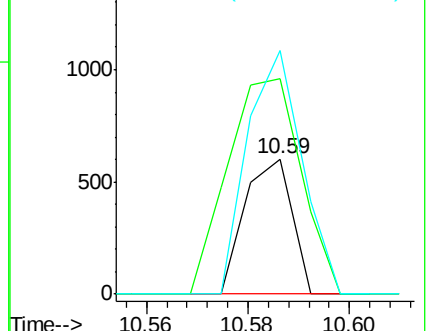
105 180.2 24.4 64.4#

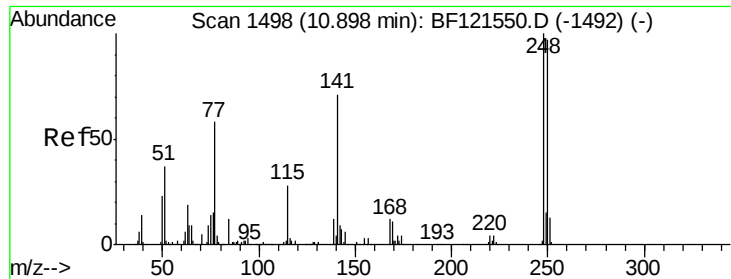


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

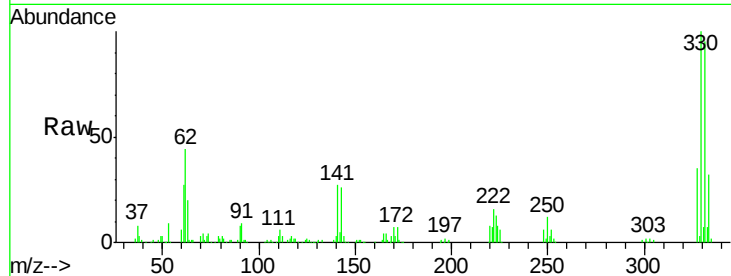




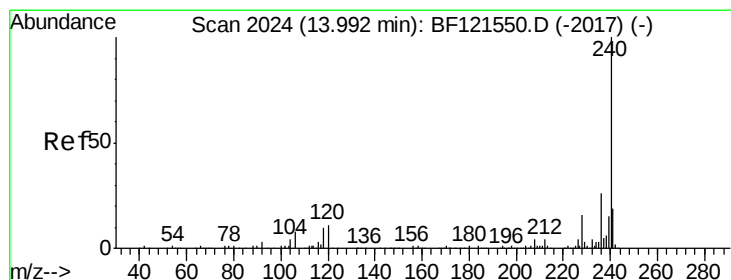
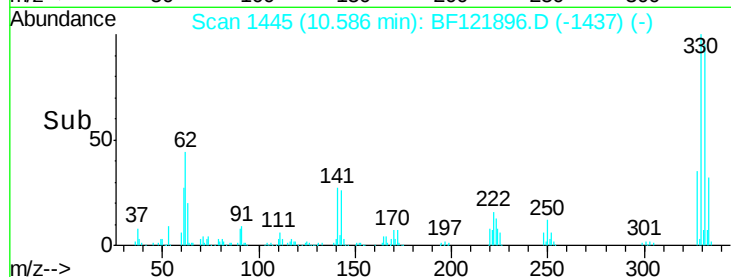
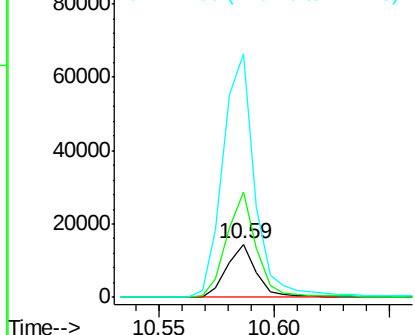
#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Instrument :
BNA_F
ClientSampleId :
RO-RBR-200031

Tot Ion:248 Resp: 12748
Ion Ratio Lower Upper
248 100
250 199.0 77.0 115.6#
141 458.7 53.7 80.5#

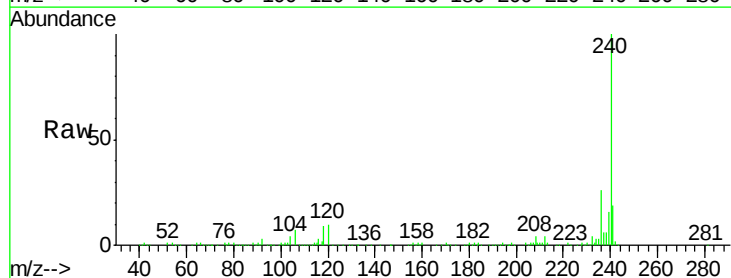


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

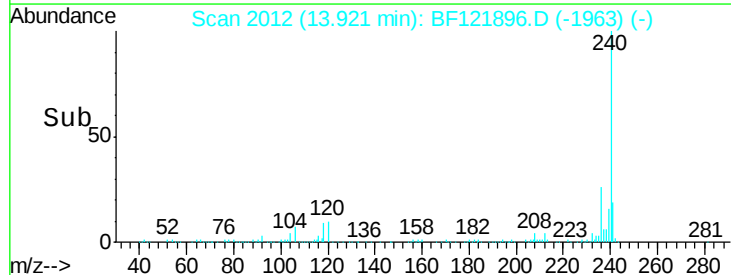
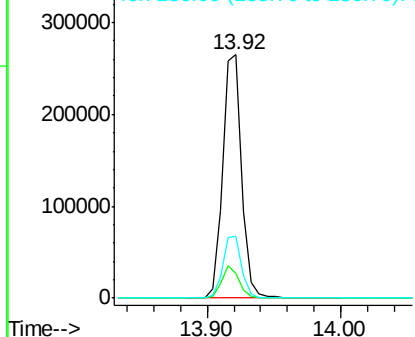


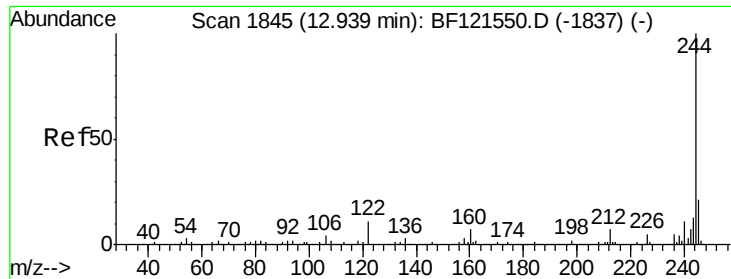
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121896.D
Acq: 8 Oct 2020 18:50

Tgt Ion:240 Resp: 265503
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.7 20.9 31.3



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: 45.961 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

Instrument :

BNA_F

ClientSampleId :

RO-RBR-200031

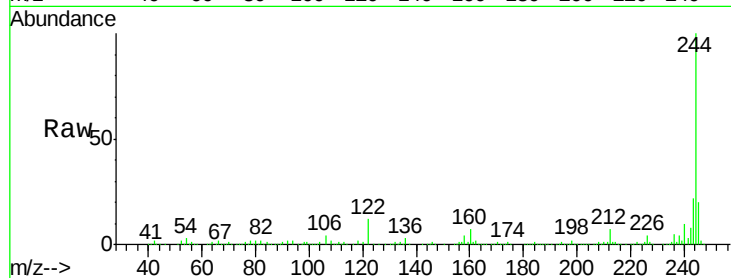
Tot Ion:244 Resp: 602332

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

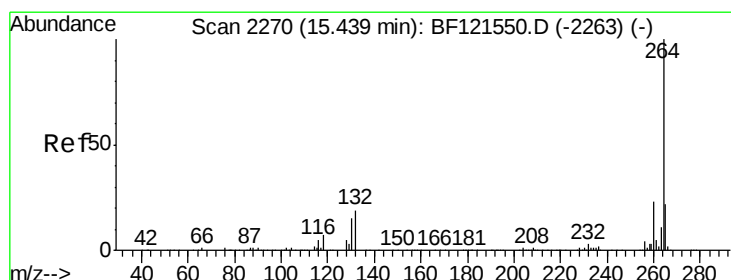
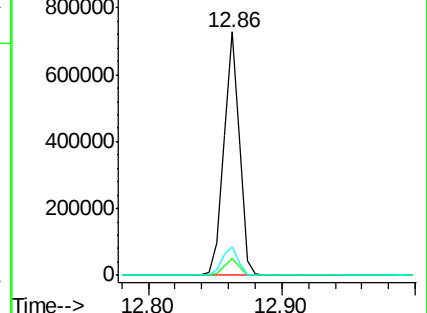
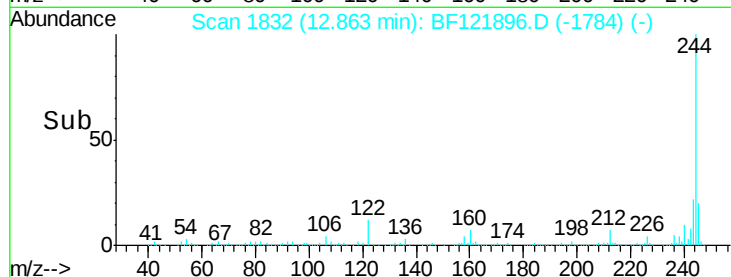
122 11.9 8.1 12.1



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121896.D

Acq: 8 Oct 2020 18:50

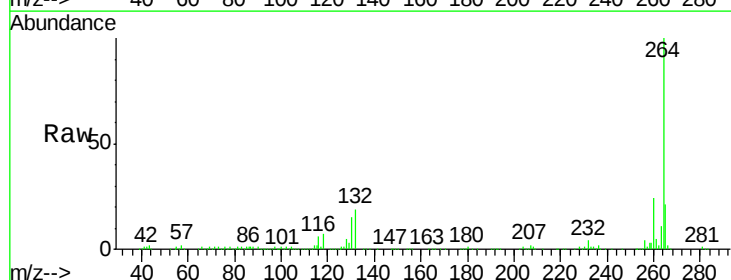
Tgt Ion:264 Resp: 273940

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.3 17.3 25.9



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

