

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121153.D
 Acq On : 31 Jul 2020 12:51
 Operator : JU/CG
 Sample : L3511-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Quant Time: Jul 31 13:26:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

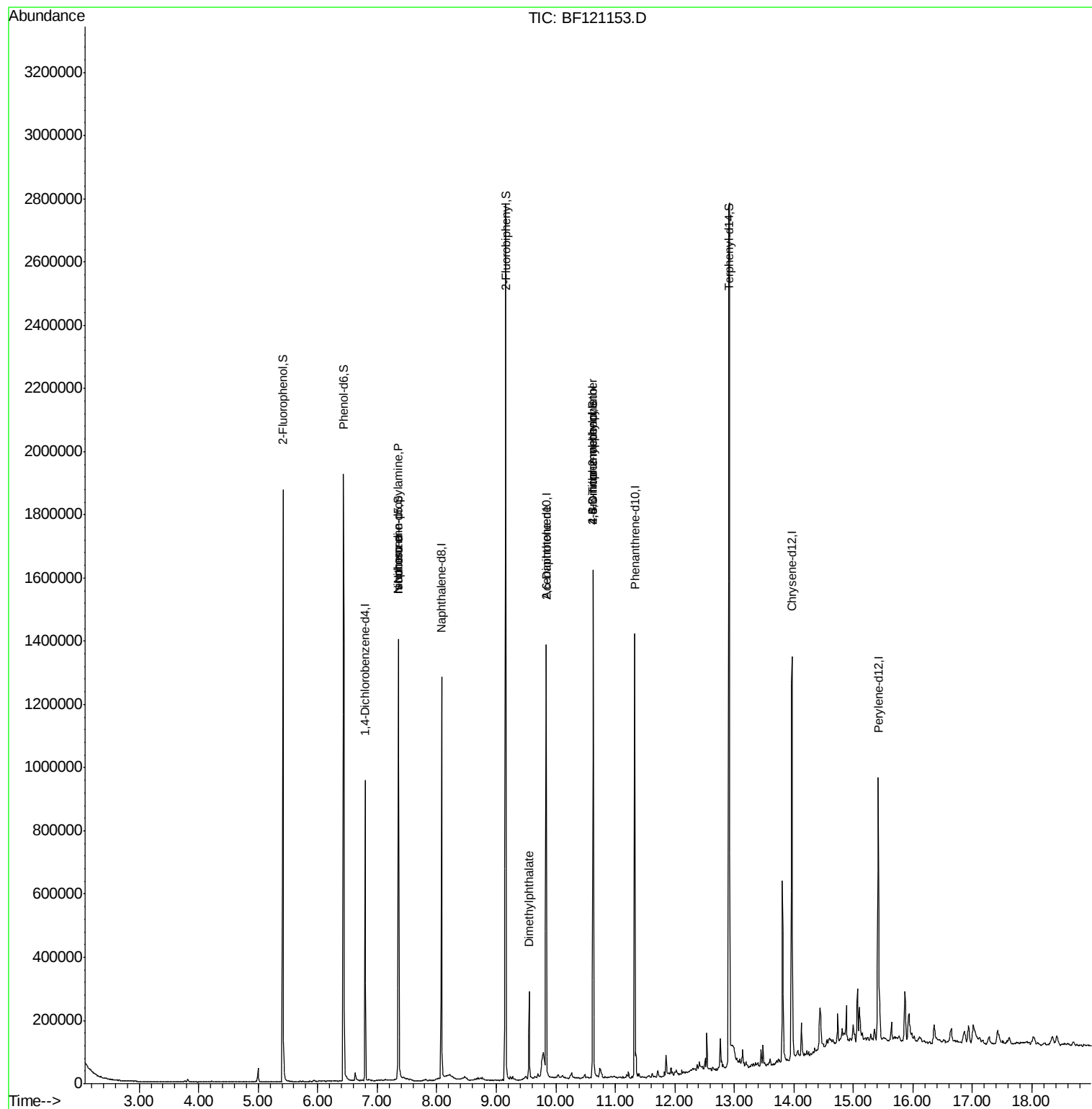
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	144842	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	565507	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	297663	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	575654	20.00	ng	0.00
76) Chrysene-d12	13.97	240	449315	20.00	ng	0.00
86) Perylene-d12	15.42	264	386631	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	567748	64.26	ng	0.00
7) Phenol-d6	6.43	99	706726	61.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	462916	47.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	219598	67.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	911897	45.74	ng	0.00
79) Terphenyl-d14	12.91	244	974785	47.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	913	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	61367	9.456 ng	#	1
25) Isophorone	7.36	82	451681	23.157 ng	#	79
50) Dimethylphthalate	9.55	163	106741	4.971 ng	#	62
51) 2,6-Dinitrotoluene	9.84	165	38681	8.384 ng	#	99
65) 4,6-Dinitro-2-methylphenol	10.63	198	290	3.923 ng	#	27
67) 4-Bromophenyl-phenylether	10.63	248	13164	2.051 ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121153.D
Acq On : 31 Jul 2020 12:51
Operator : JU/CG
Sample : L3511-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP

Quant Time: Jul 31 13:26:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



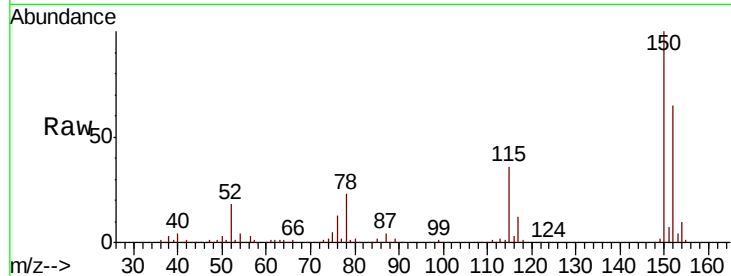


#1

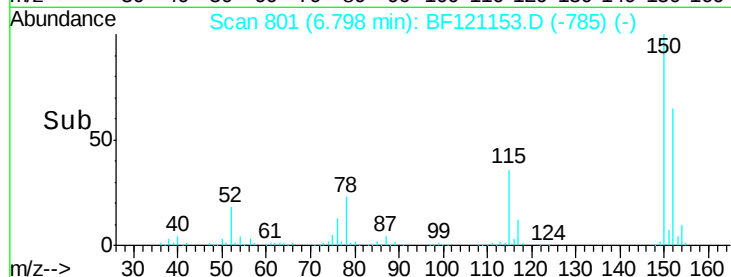
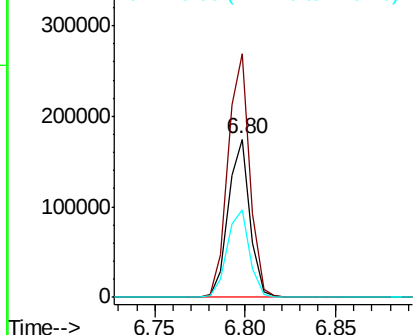
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Instrument :
BNA_F
ClientSampleId :
SP

Tot Ion:152 Resp: 144842
Ion Ratio Lower Upper
152 100
150 153.8 125.6 188.4
115 55.6 46.2 69.2



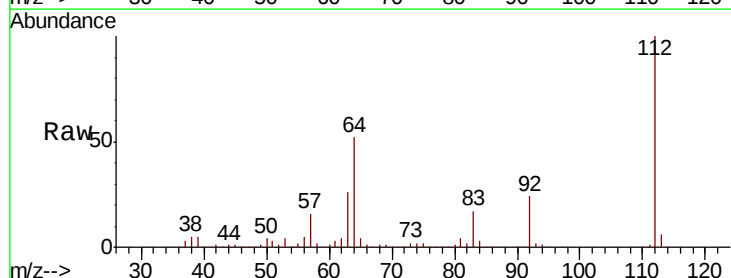
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



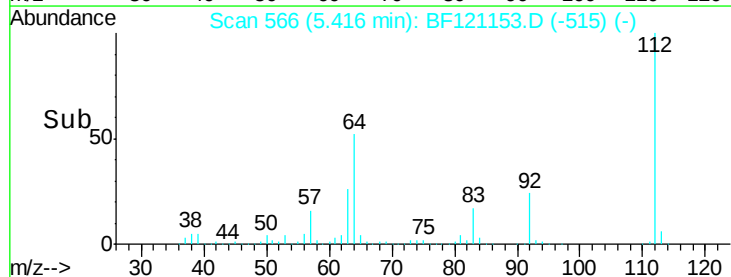
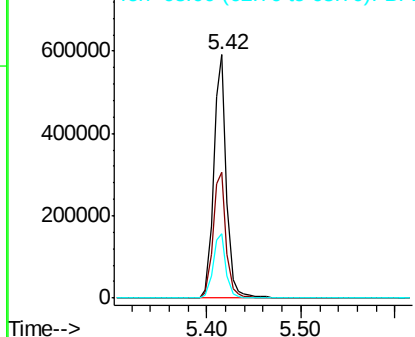
#5

2-Fluorophenol
Concen: 64.259 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Tgt Ion:112 Resp: 567748
Ion Ratio Lower Upper
112 100
64 51.8 43.9 65.9
63 26.3 22.7 34.1



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: 61.923 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

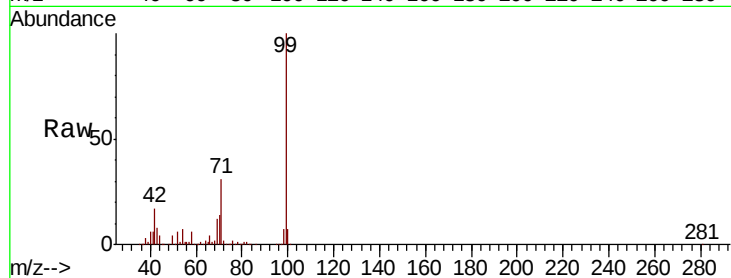
Tot Ion: 99 Resp: 706726

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

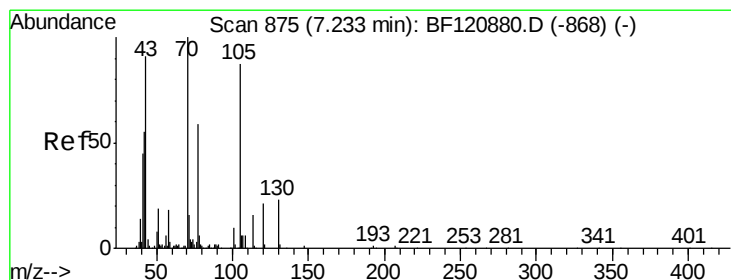
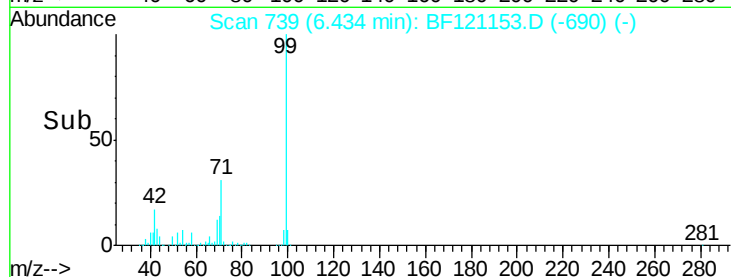
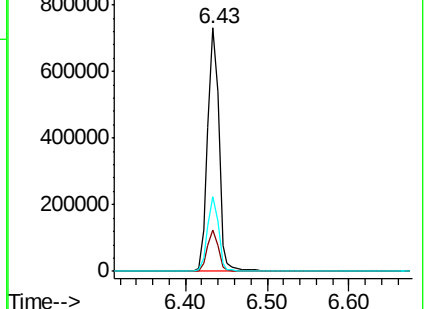
71 30.5 25.0 37.4



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: 9.456 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Tgt Ion: 70 Resp: 61367

Ion Ratio Lower Upper

70 100

42 46.6 43.3 64.9

101 0.0 8.4 12.6#

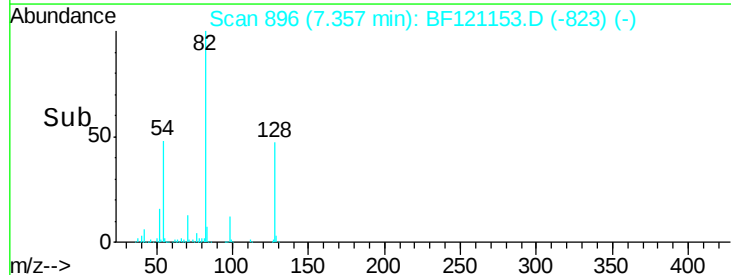
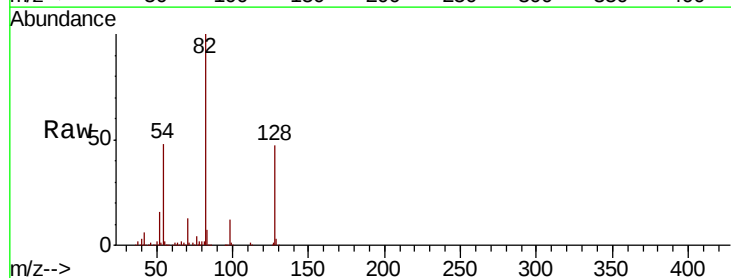
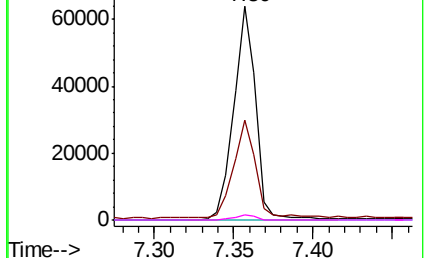
130 2.4 18.7 28.1#

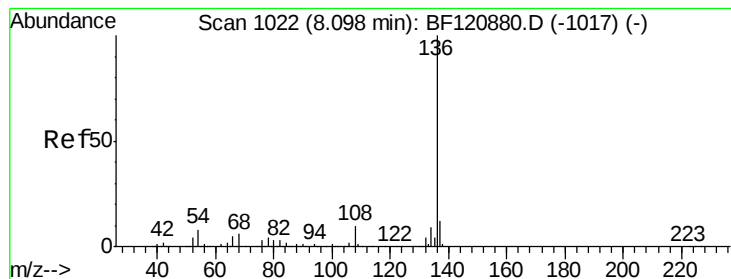
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampled :

SP

Tot Ion:136 Resp: 565507

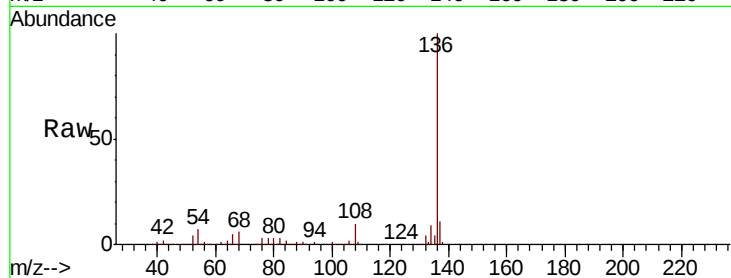
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 6.1 9.1

68 6.0 5.0 7.6

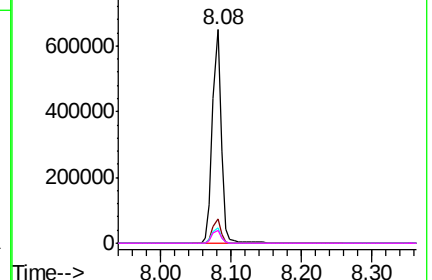
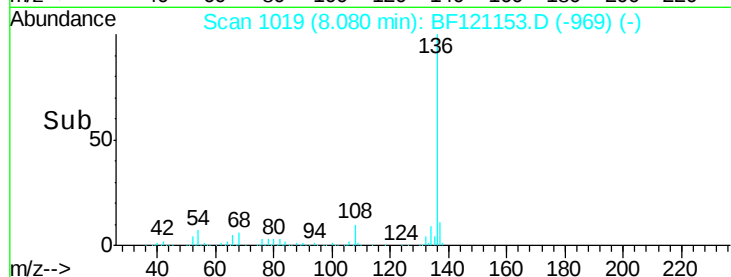


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.366 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

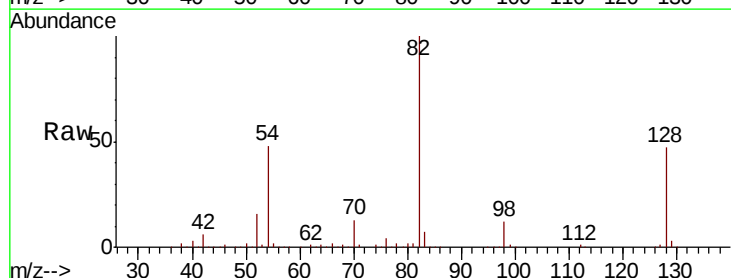
Tgt Ion: 82 Resp: 462916

Ion Ratio Lower Upper

82 100

128 47.2 39.2 58.8

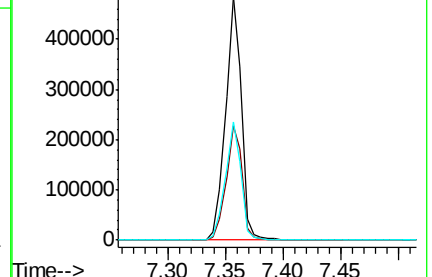
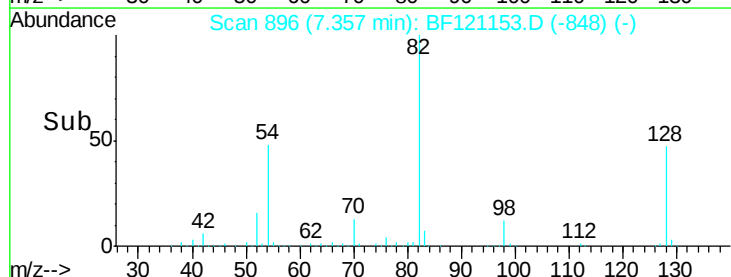
54 48.5 37.8 56.8



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: 23.157 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

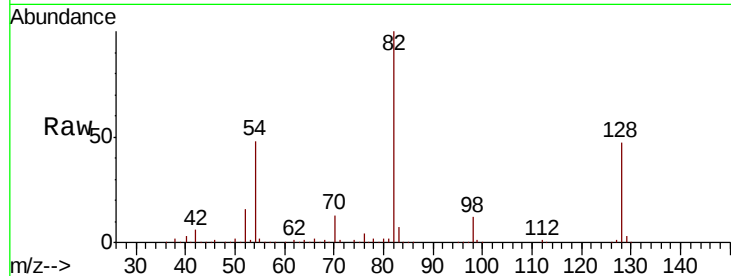
Tot Ion: 82 Resp: 451681

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

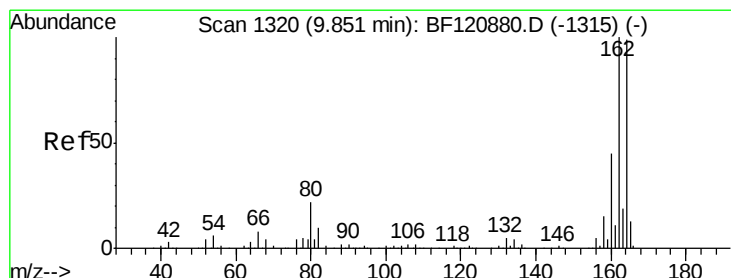
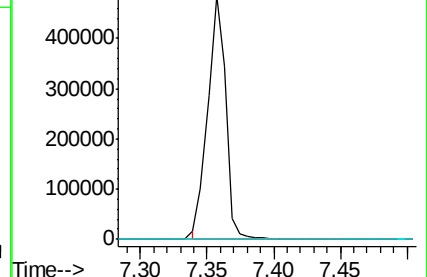
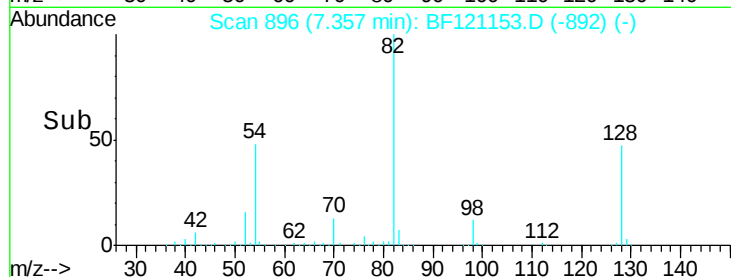
138 0.0 16.2 24.2#



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: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

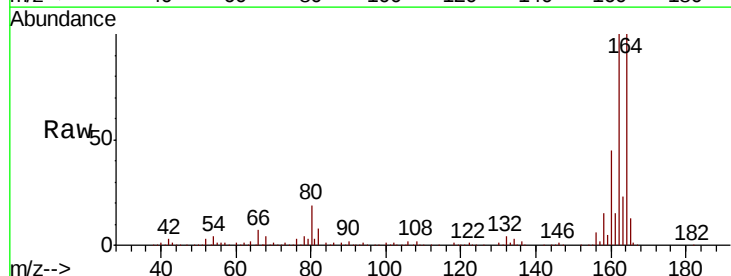
Tgt Ion:164 Resp: 297663

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.2

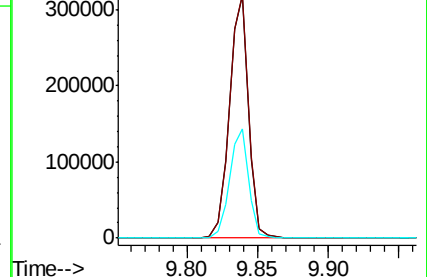
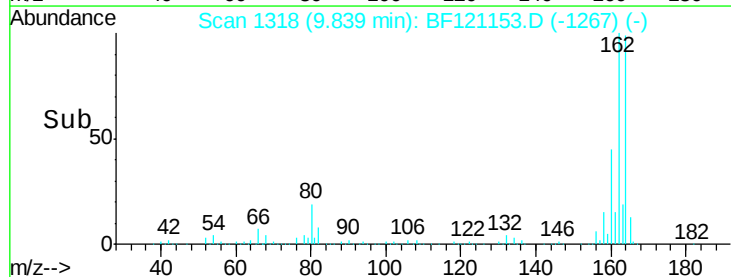
160 45.1 37.2 55.8

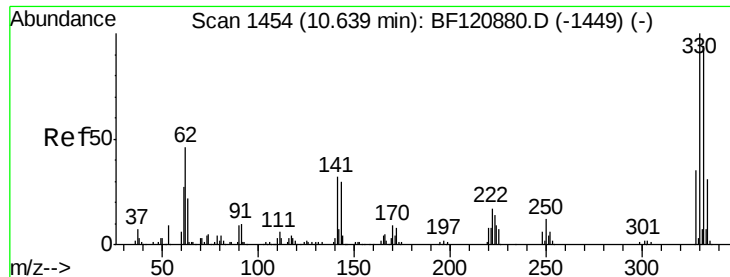


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 67.398 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

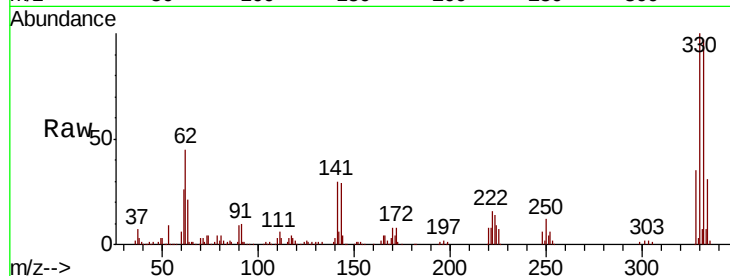
Tot Ion:330 Resp: 219598

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

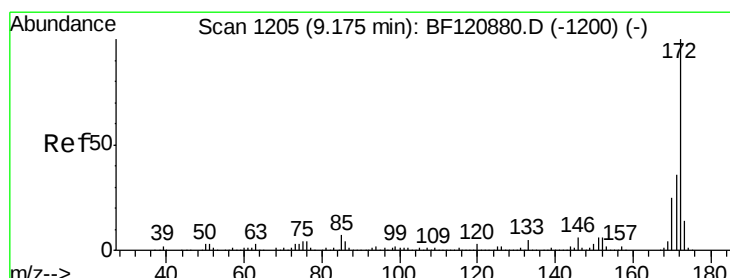
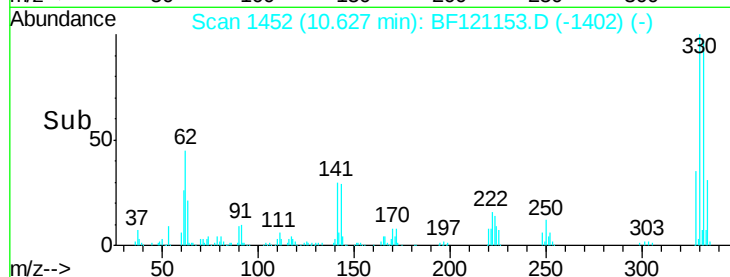
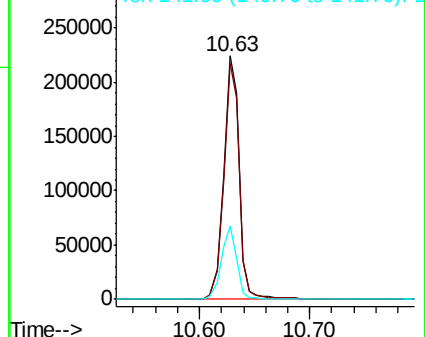
141 30.0 24.1 36.1



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: 45.740 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

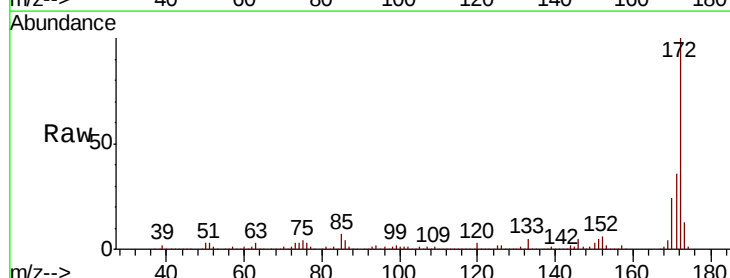
Tgt Ion:172 Resp: 911897

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

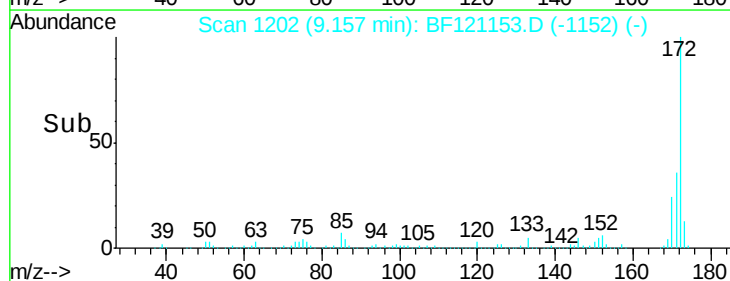
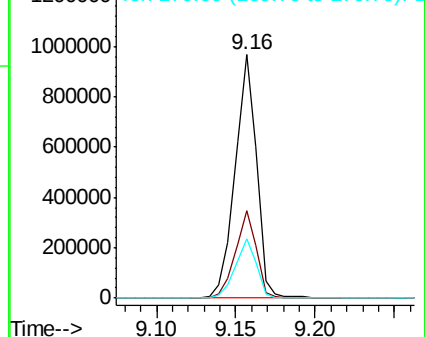
170 24.1 19.6 29.4

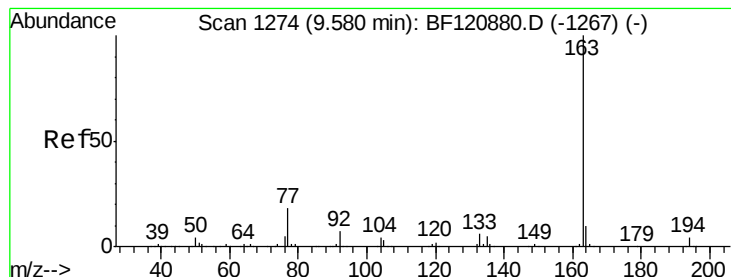


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.971 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

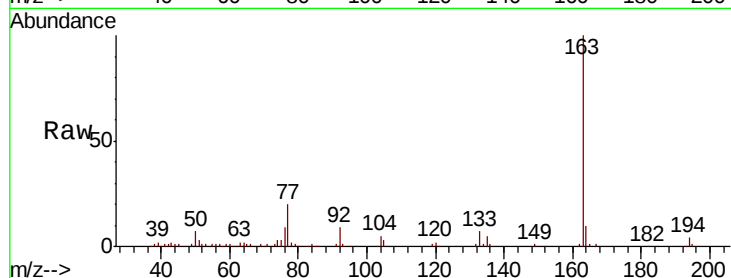
Tot Ion:163 Resp: 106741

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

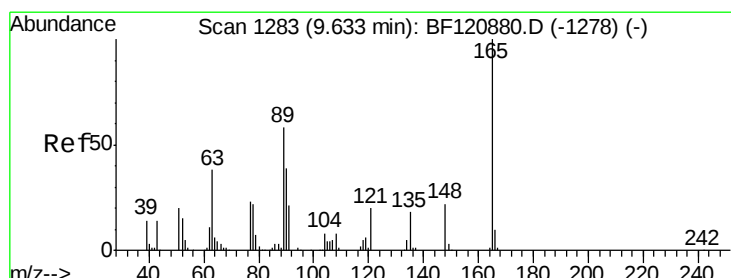
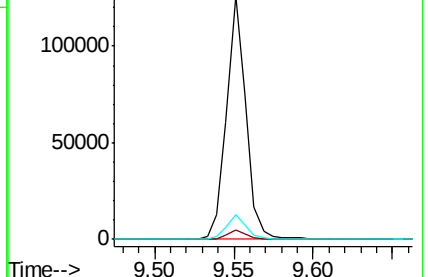
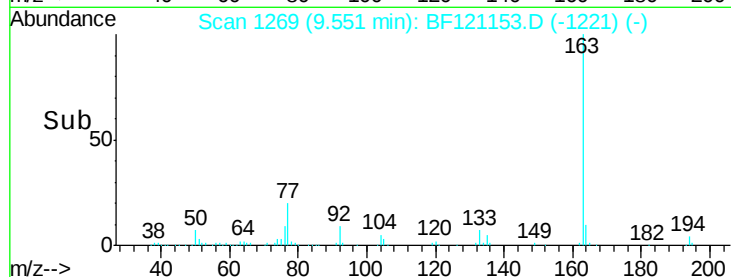
164 10.1 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.384 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.21 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

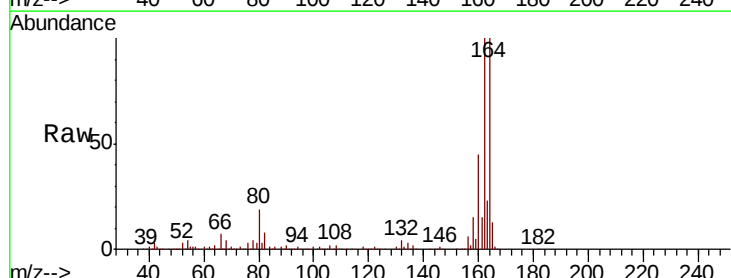
Tgt Ion:165 Resp: 38681

Ion Ratio Lower Upper

165 100

63 1.4 41.1 61.7#

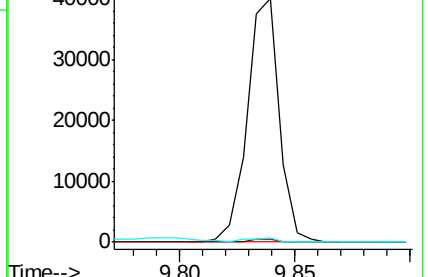
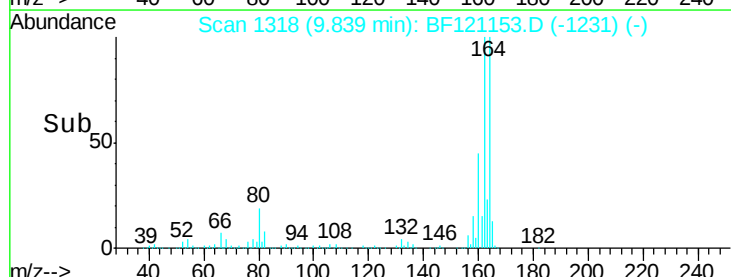
89 1.6 43.5 65.3#

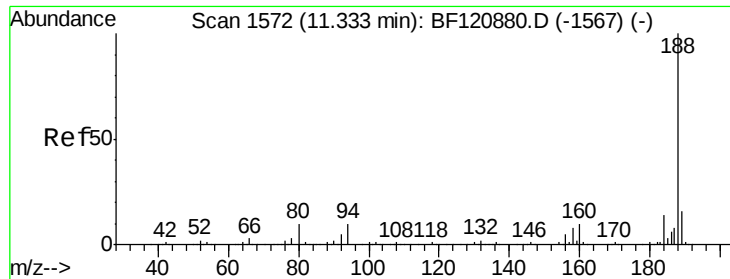


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

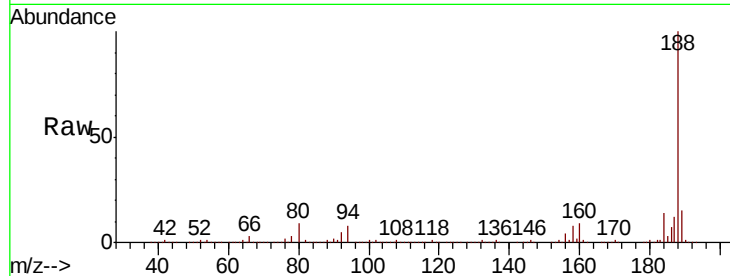
Tot Ion:188 Resp: 575654

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 8.8 8.3 12.5



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

800000

600000

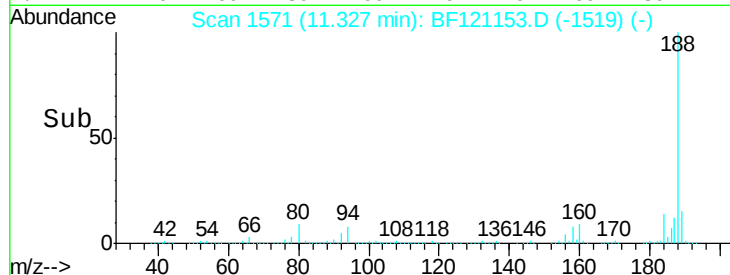
400000

200000

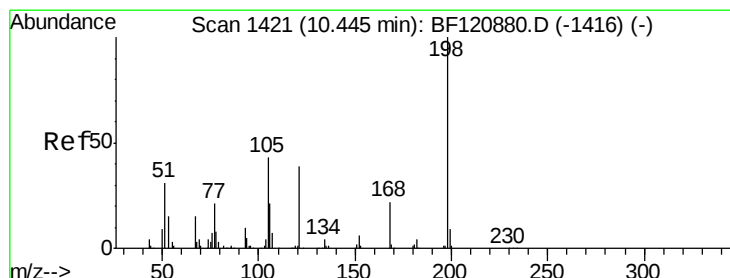
0

11.33

11.25 11.30 11.35



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 3.923 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

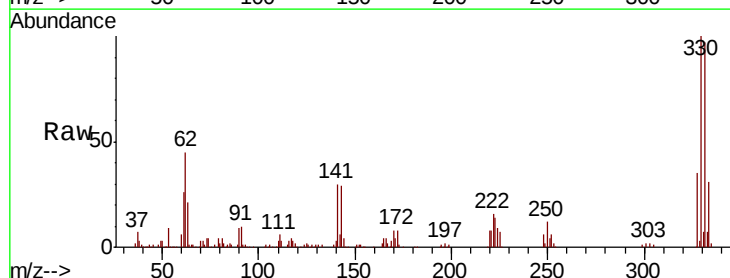
Tgt Ion:198 Resp: 290

Ion Ratio Lower Upper

198 100

51 228.3 23.4 63.4#

105 219.9 23.7 63.7#



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

1500

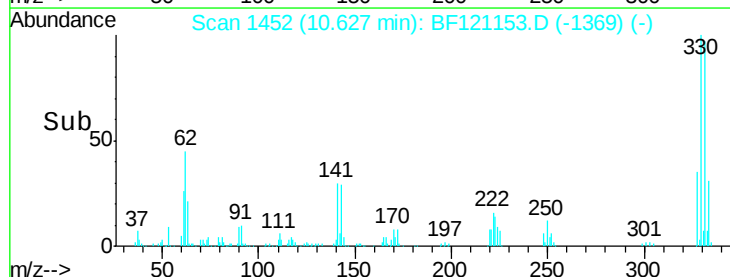
1000

500

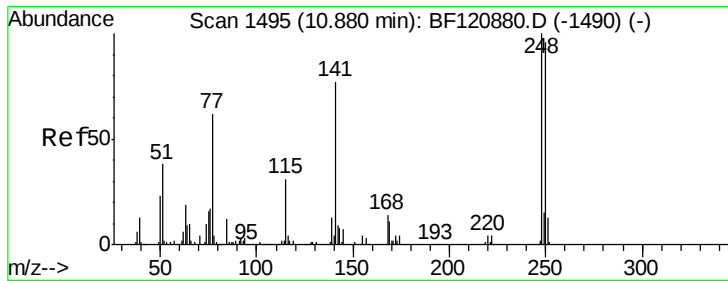
0

10.63

10.60 10.62 10.64



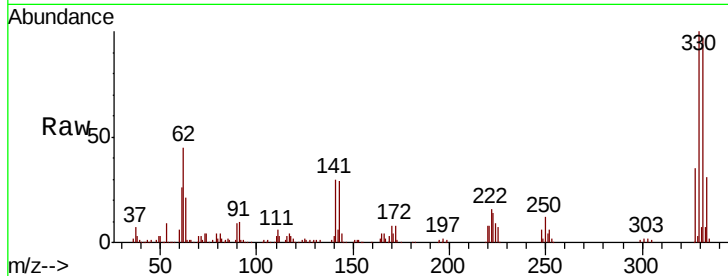
Time-->



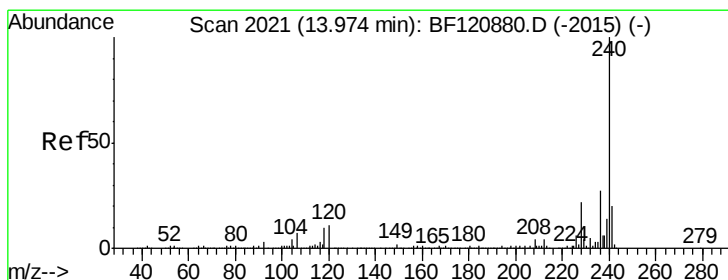
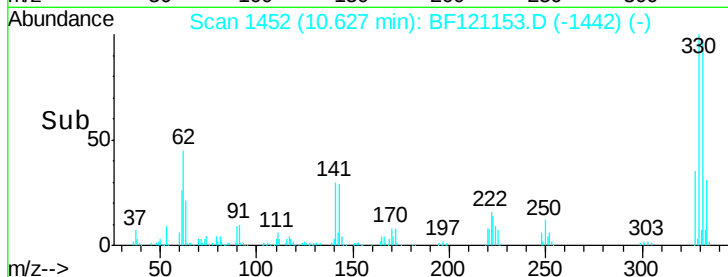
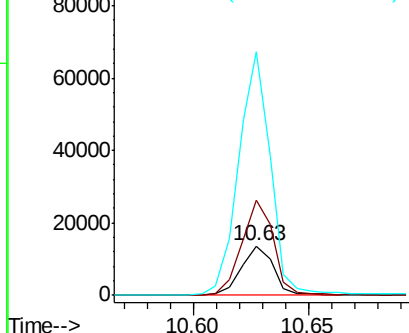
#67
4-Bromophenyl-phenylether
Concen: 2.051 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Instrument :
BNA_F
ClientSampled :
SP

Tot Ion:248 Resp: 13164
Ion Ratio Lower Upper
248 100
250 191.0 77.0 115.6#
141 491.3 56.6 85.0#

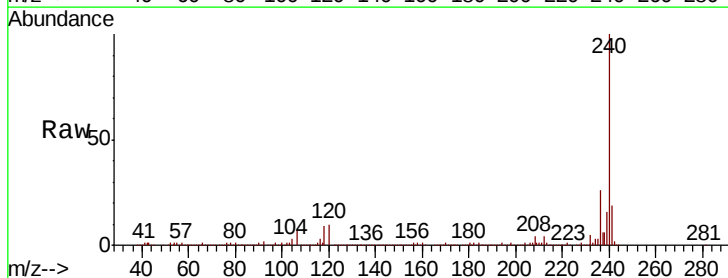


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

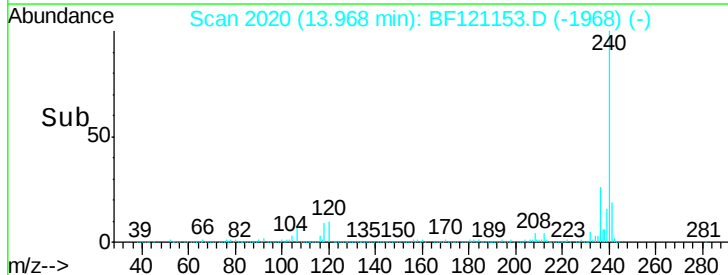
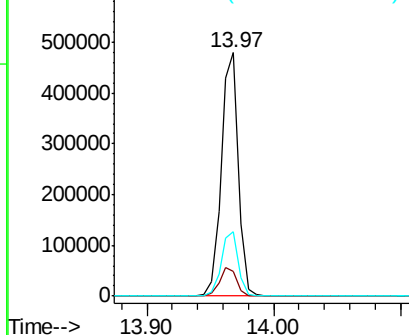


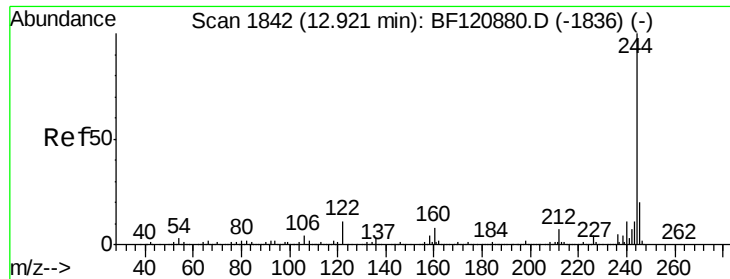
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121153.D
Acq: 31 Jul 2020 12:51

Tgt Ion:240 Resp: 449315
Ion Ratio Lower Upper
240 100
120 10.0 9.3 13.9
236 26.4 21.1 31.7



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: 47.160 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

Instrument :

BNA_F

ClientSampleId :

SP

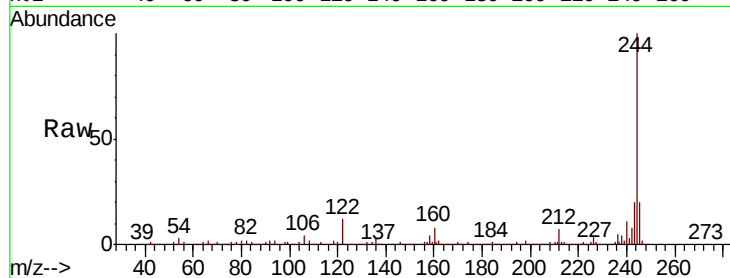
Tot Ion:244 Resp: 974785

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

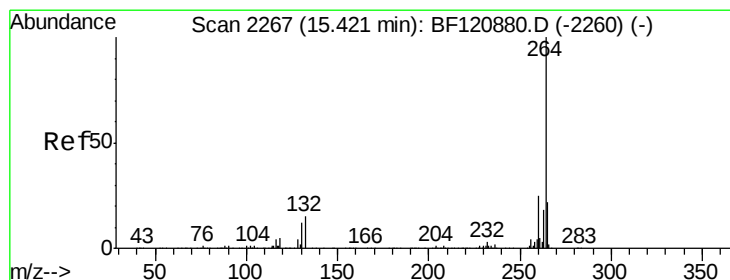
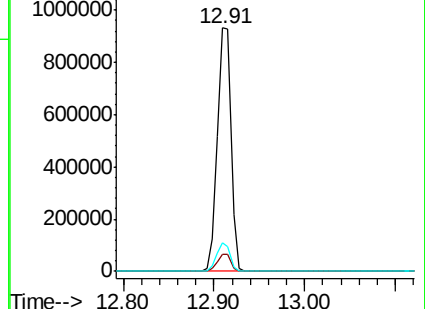
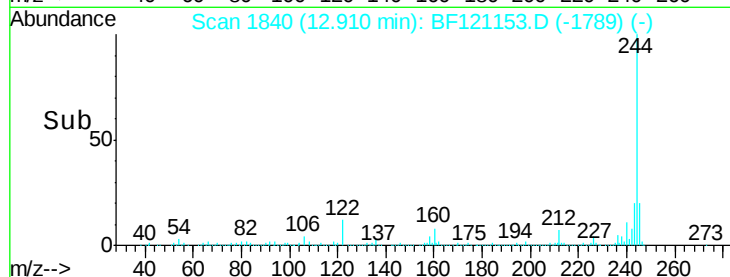
122 12.0 8.3 12.5



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: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121153.D

Acq: 31 Jul 2020 12:51

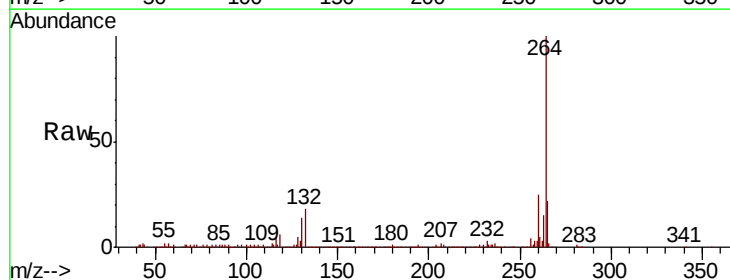
Tgt Ion:264 Resp: 386631

Ion Ratio Lower Upper

264 100

260 24.5 19.9 29.9

265 22.4 17.8 26.8



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

