

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121158.D
 Acq On : 31 Jul 2020 15:16
 Operator : JU/CG
 Sample : L3511-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 31 16:14:40 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

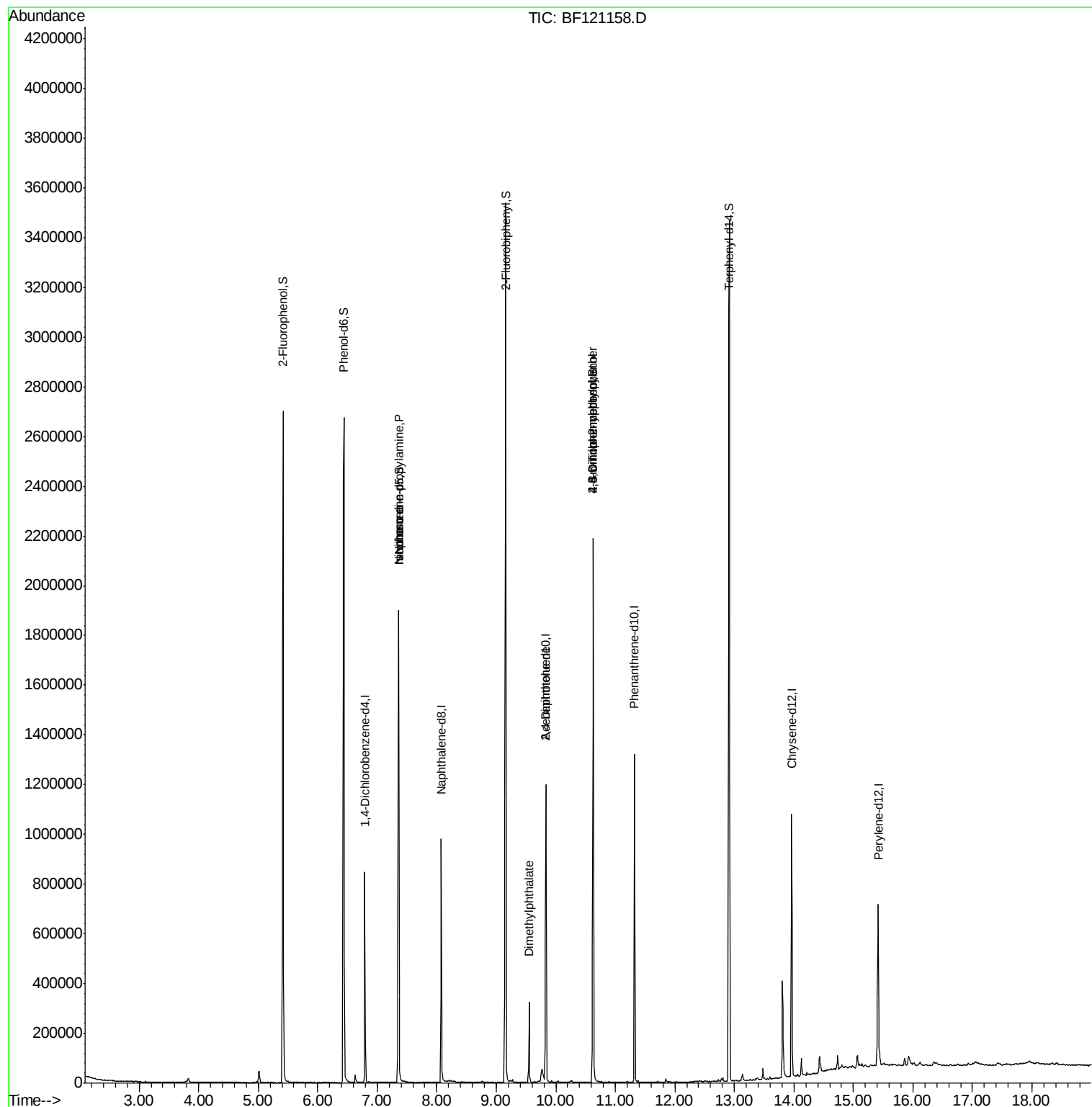
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128321	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	492942	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	253206	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	483650	20.00	ng	0.00
76) Chrysene-d12	13.96	240	349555	20.00	ng	0.00
86) Perylene-d12	15.42	264	297155	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	896579	114.54	ng	0.00
7) Phenol-d6	6.44	99	1106399	109.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	736396	86.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	323189	116.61	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1278825	75.41	ng	0.00
79) Terphenyl-d14	12.92	244	1267513	78.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1551	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	96937	16.860	ng	# 75
25) Isophorone	7.36	82	717086	42.176	ng	# 62
50) Dimethylphthalate	9.55	163	132610	7.259	ng	99
57) 2,4-Dinitrotoluene	9.83	165	32169	6.242	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	632	4.050	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	18446	3.421	ng	# 1

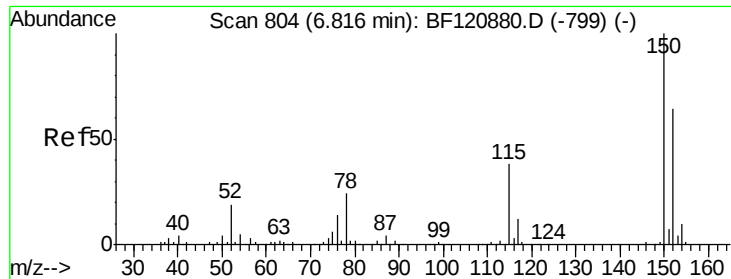
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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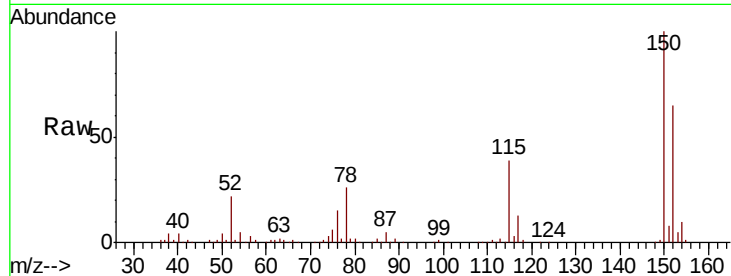




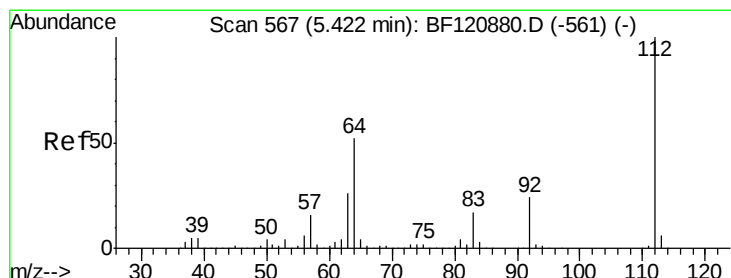
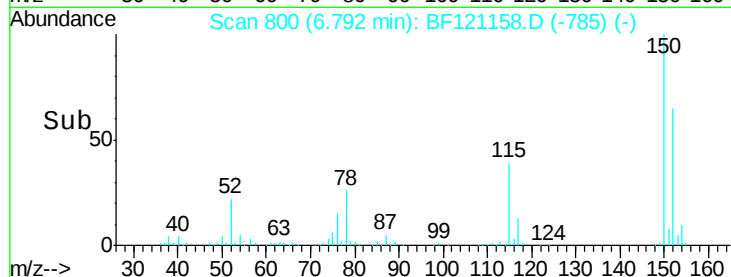
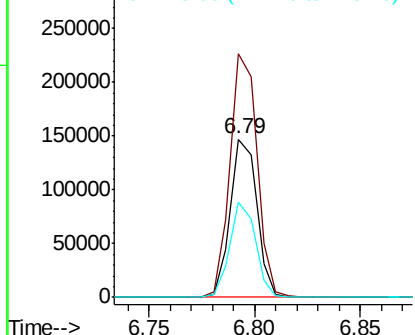
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 128321
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.6 188.4
 115 60.3 46.2 69.2

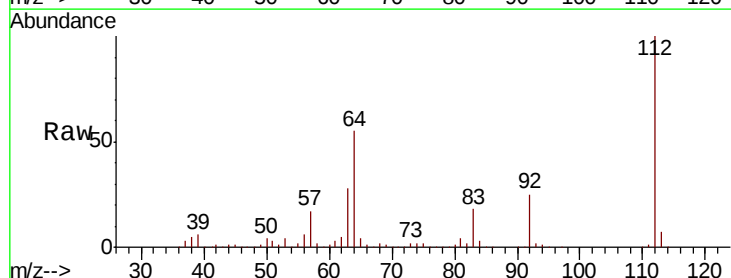


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

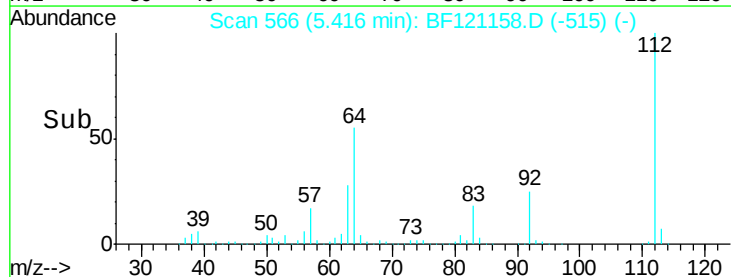
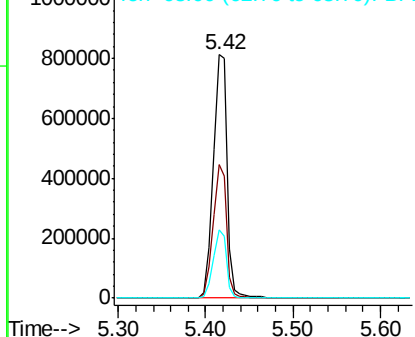


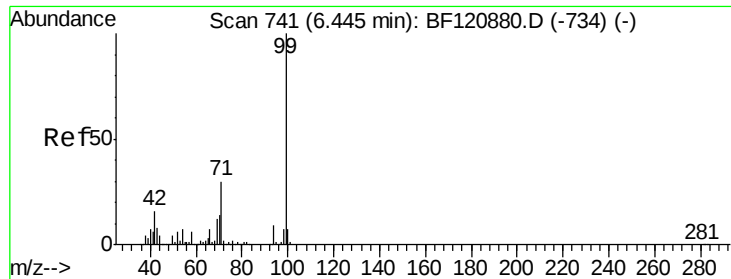
#5
 2-Fluorophenol
 Concen: 114.542 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

Tgt Ion:112 Resp: 896579
 Ion Ratio Lower Upper
 112 100
 64 55.0 43.9 65.9
 63 28.1 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: 109.423 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

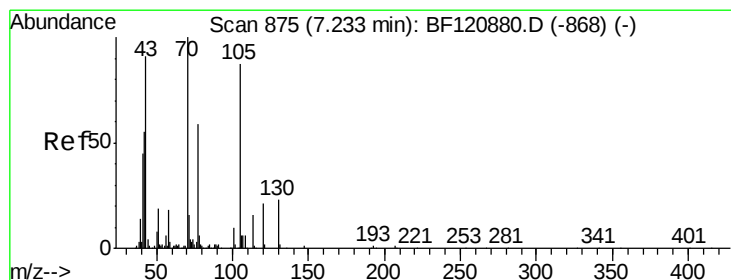
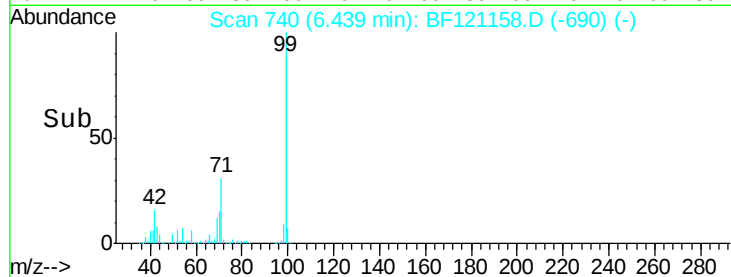
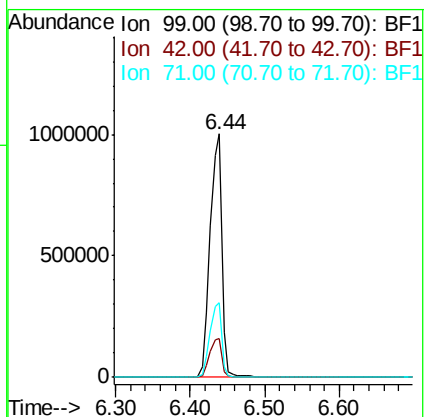
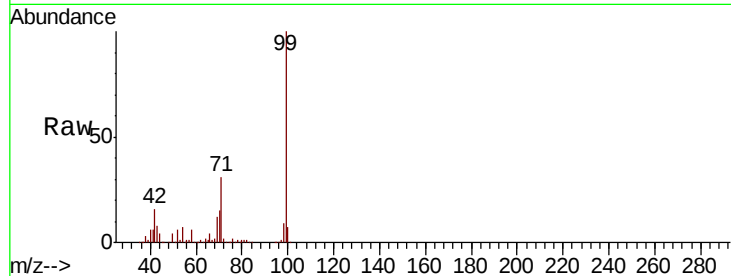
Tot Ion: 99 Resp: 1106399

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 30.9 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.860 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Tgt Ion: 70 Resp: 96937

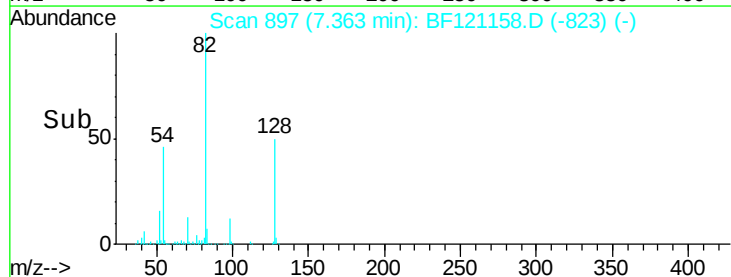
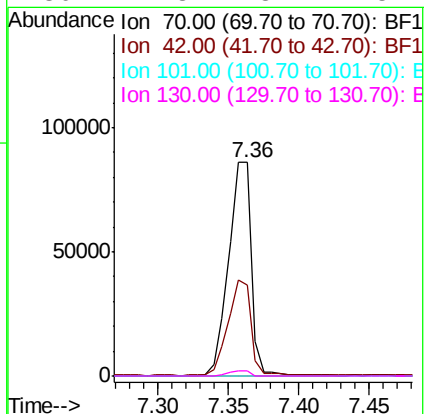
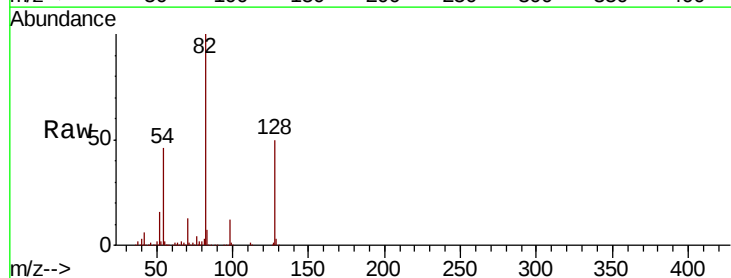
Ion Ratio Lower Upper

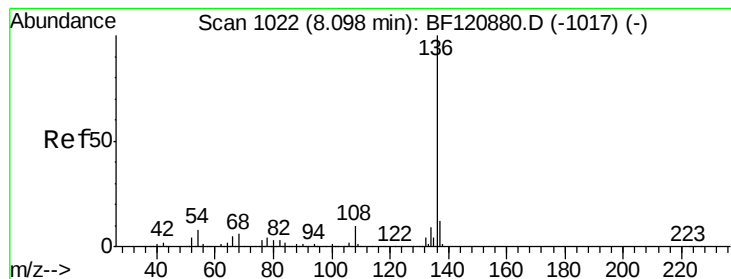
70 100

42 42.7 43.3 64.9#

101 0.0 8.4 12.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:136 Resp: 492942

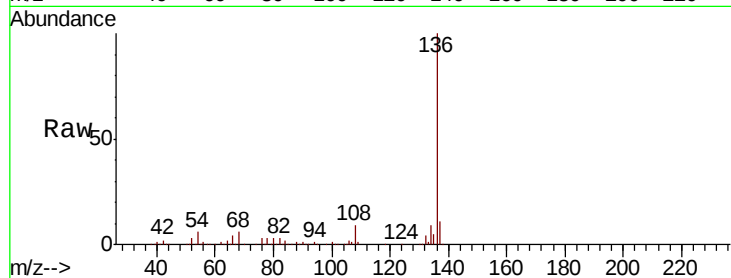
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.5 6.1 9.1

68 5.5 5.0 7.6

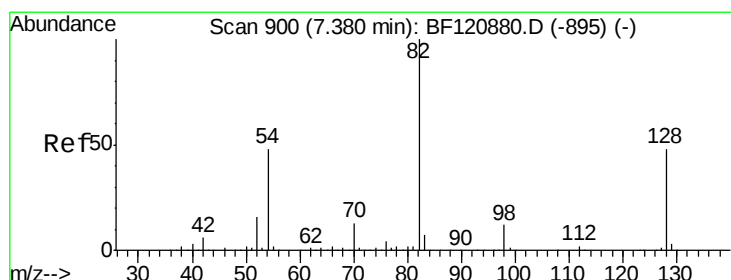
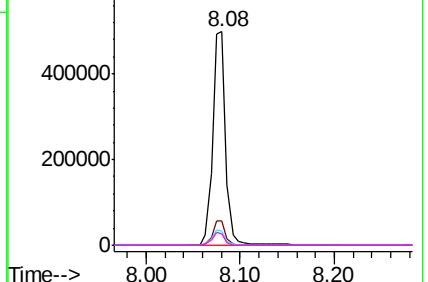
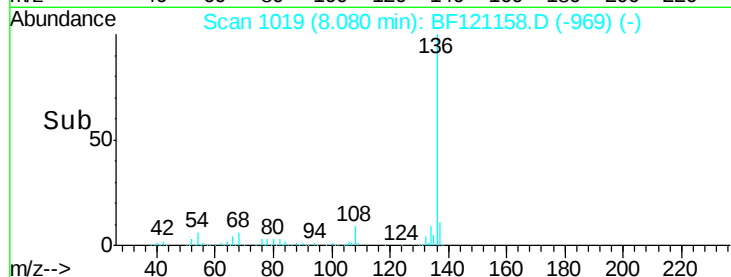


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.440 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

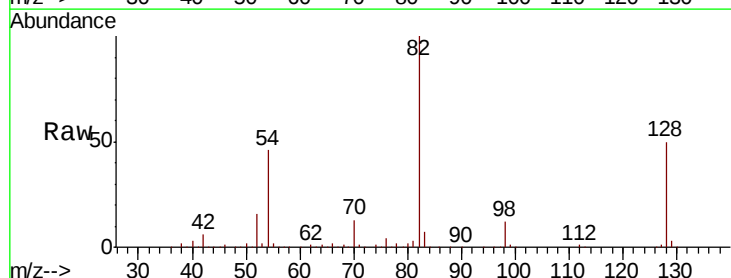
Tgt Ion: 82 Resp: 736396

Ion Ratio Lower Upper

82 100

128 49.8 39.2 58.8

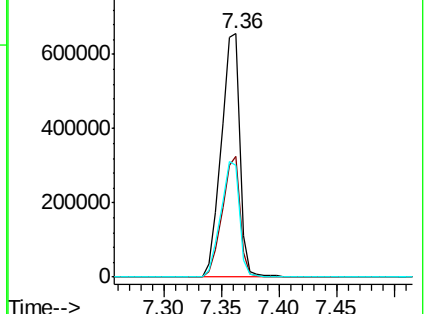
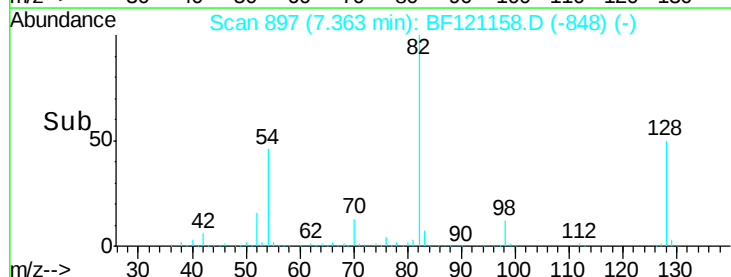
54 46.2 37.8 56.8

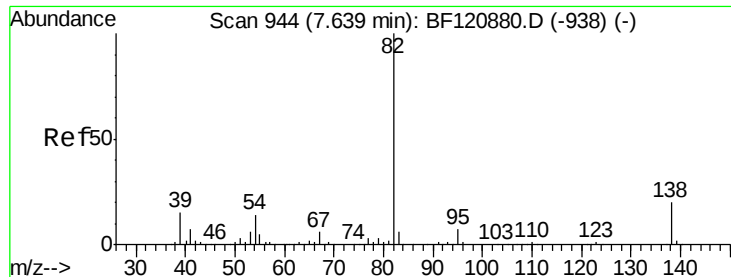


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.176 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampled :

TP-2

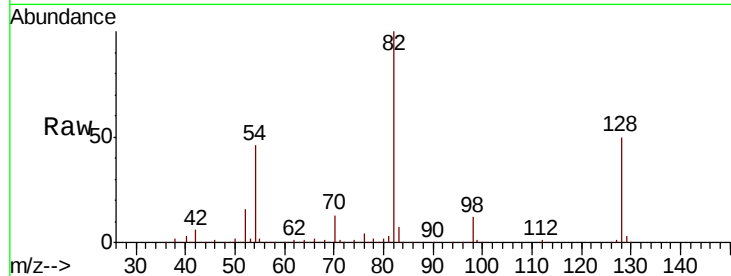
Tot Ion: 82 Resp: 717086

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

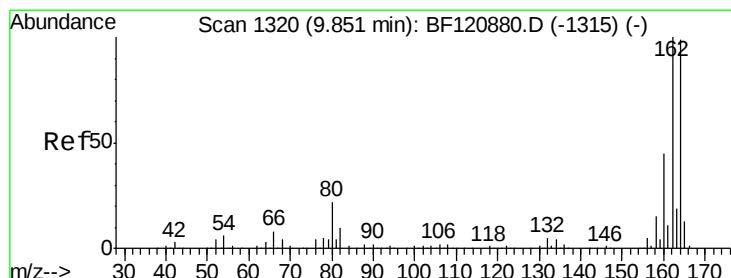
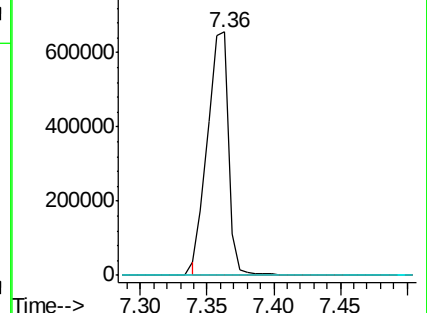
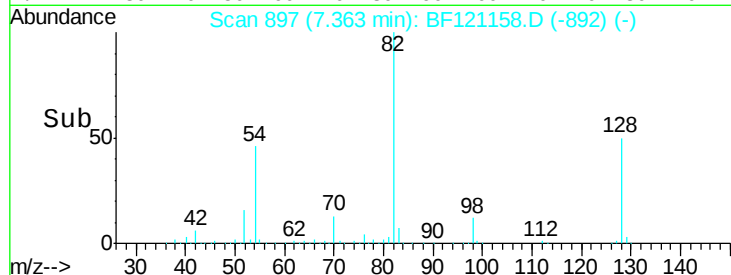
138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

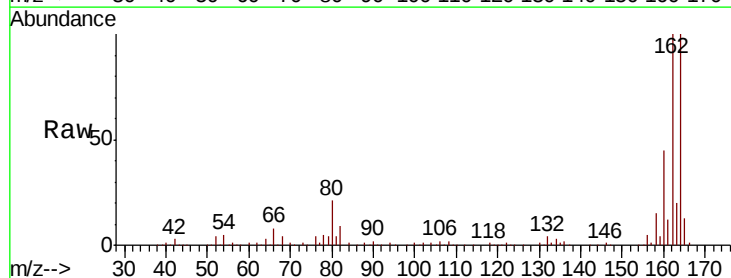
Tgt Ion: 164 Resp: 253206

Ion Ratio Lower Upper

164 100

162 100.3 82.2 123.2

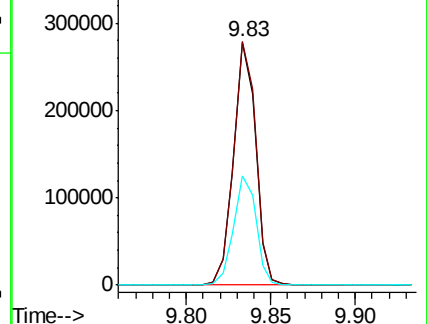
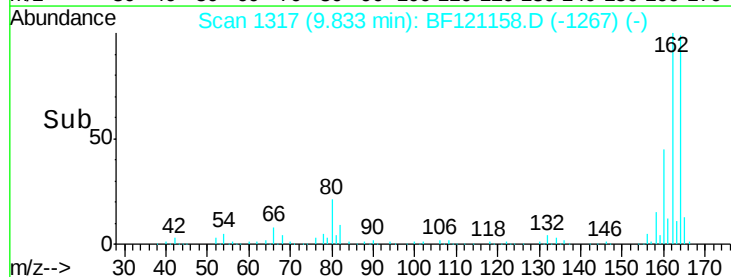
160 45.0 37.2 55.8

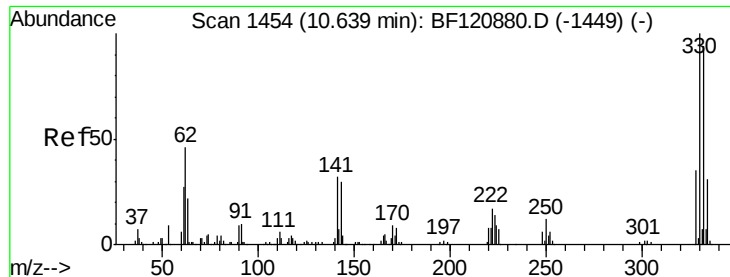


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 116.608 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

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ClientSampleId :

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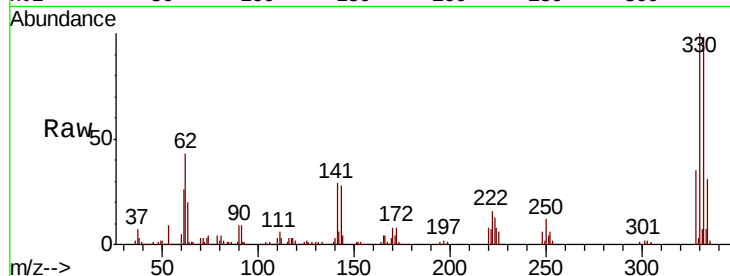
Tot Ion:330 Resp: 323189

Ion Ratio Lower Upper

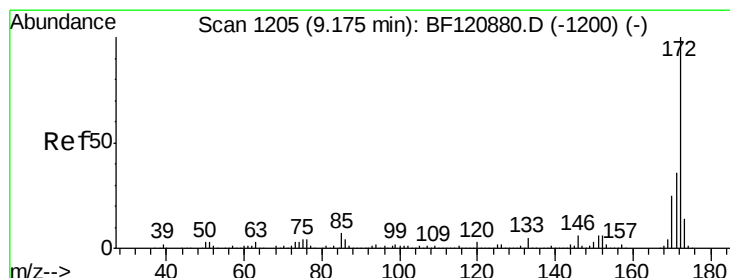
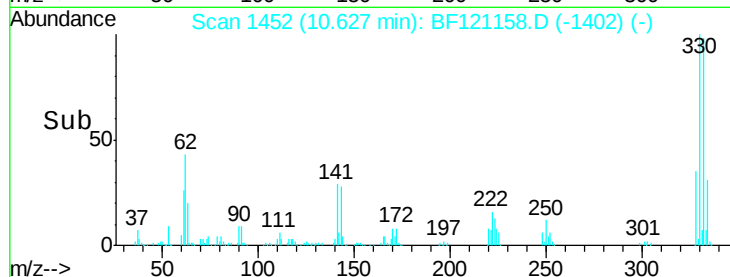
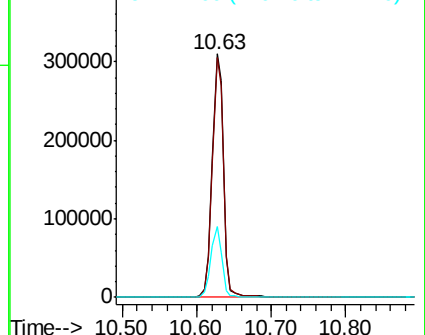
330 100

332 97.8 76.1 114.1

141 28.7 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: 75.407 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

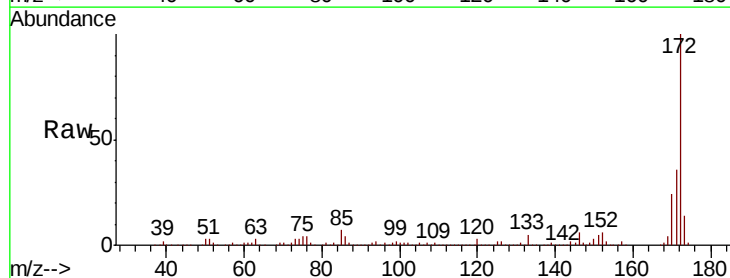
Tgt Ion:172 Resp: 1278825

Ion Ratio Lower Upper

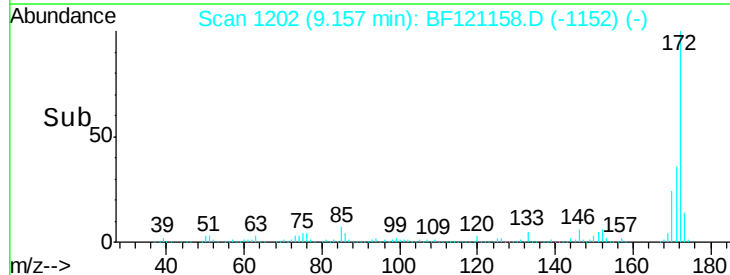
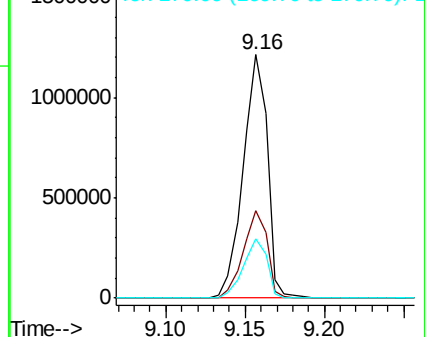
172 100

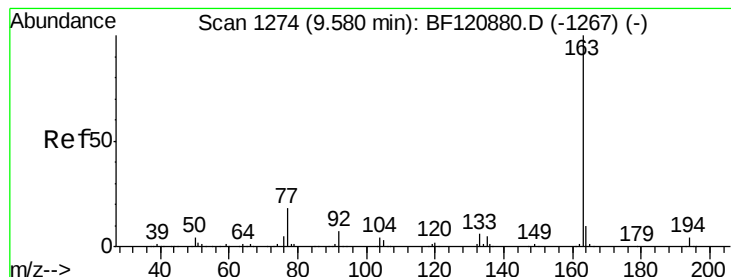
171 36.0 29.0 43.4

170 24.3 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: 7.259 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

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ClientSampleId :

TP-2

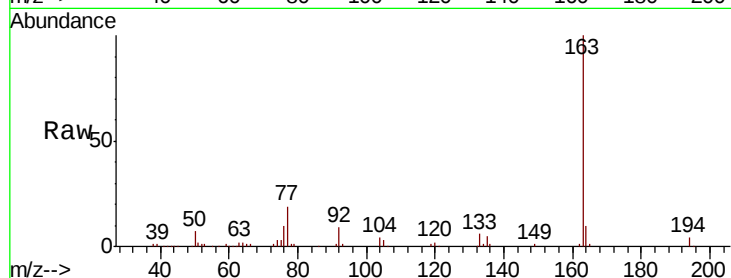
Tot Ion:163 Resp: 132610

Ion Ratio Lower Upper

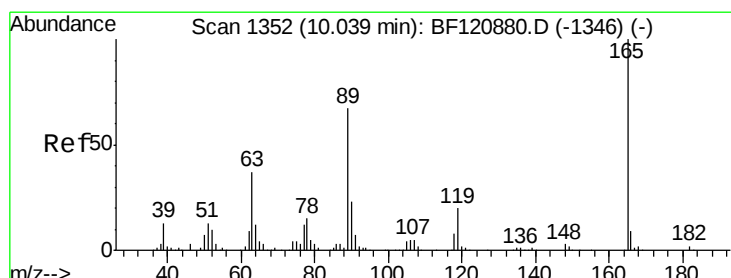
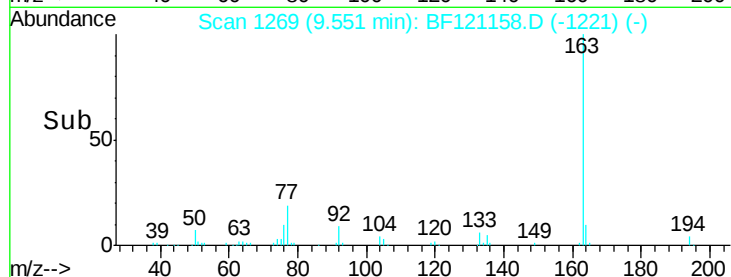
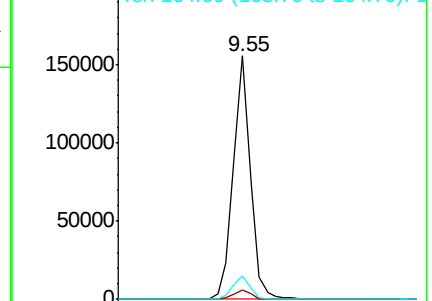
163 100

194 3.6 3.0 4.4

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: 6.242 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Tgt Ion:165 Resp: 32169

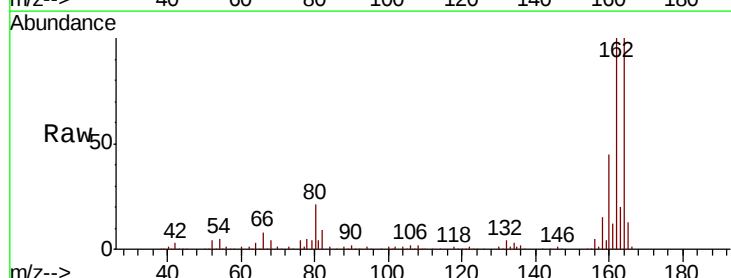
Ion Ratio Lower Upper

165 100

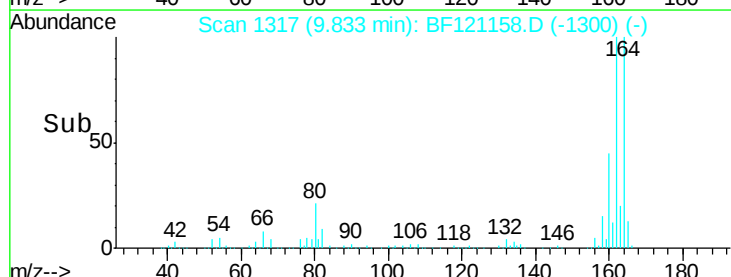
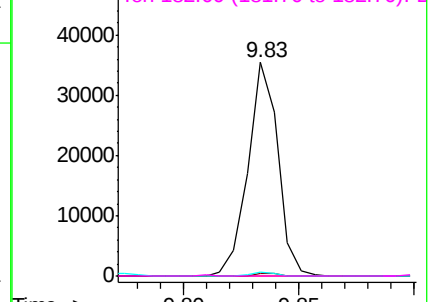
63 1.2 29.8 44.8#

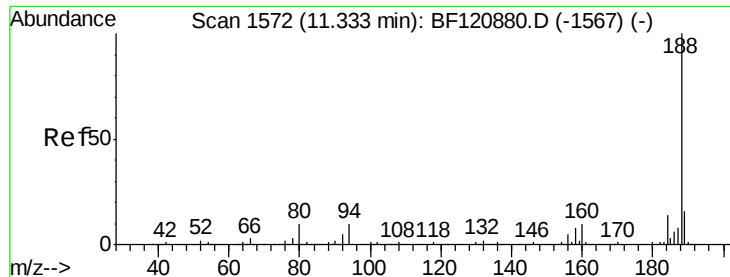
89 1.6 50.3 75.5#

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

TP-2

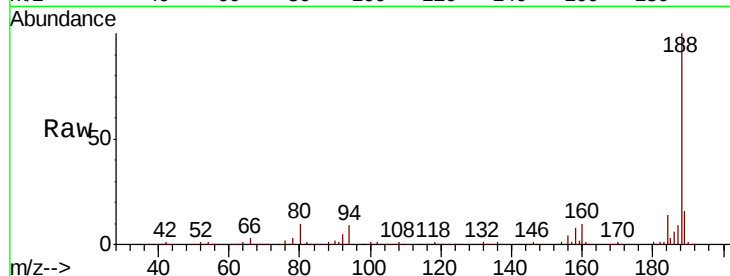
Tot Ion:188 Resp: 483650

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

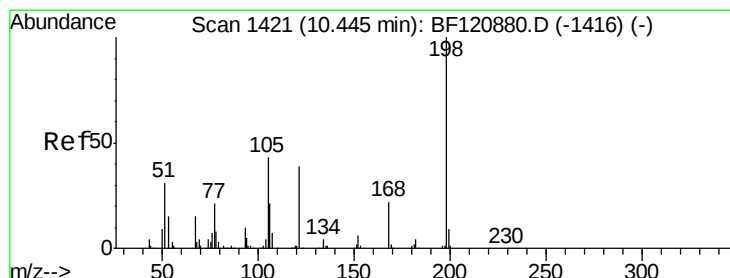
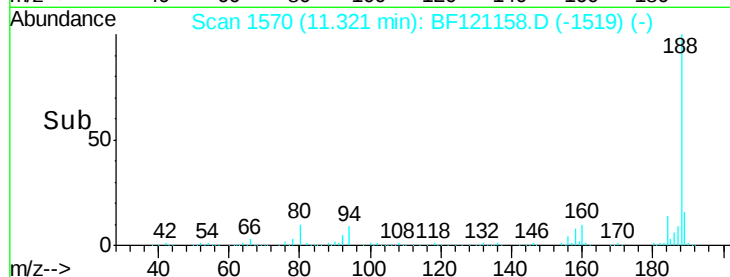
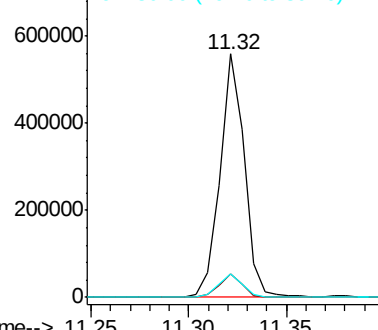
80 9.8 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.050 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121158.D

Acq: 31 Jul 2020 15:16

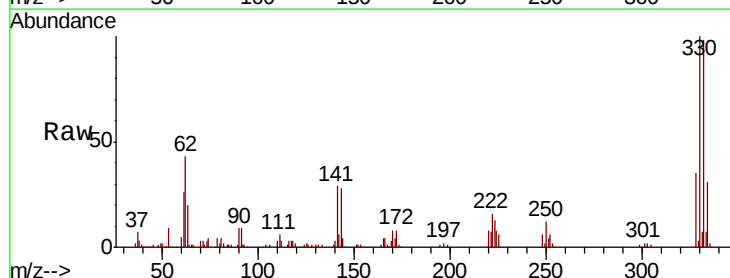
Tgt Ion:198 Resp: 632

Ion Ratio Lower Upper

198 100

51 150.5 23.4 63.4#

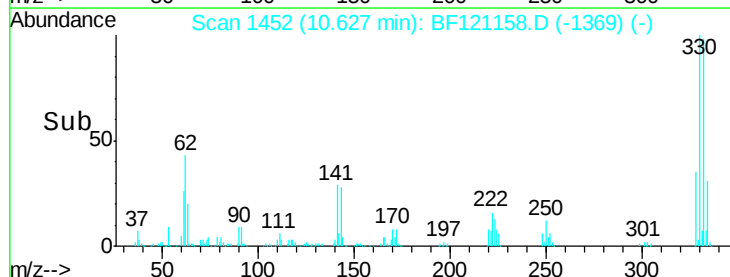
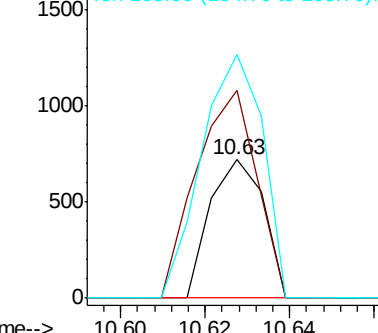
105 176.3 23.7 63.7#

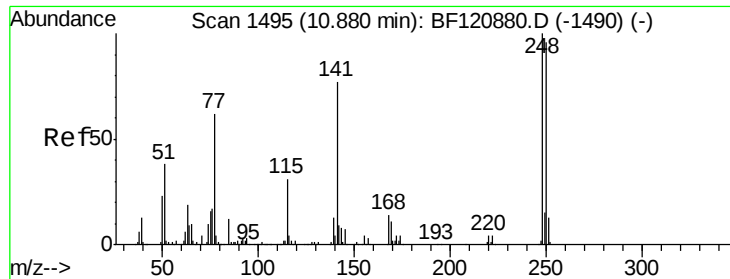


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

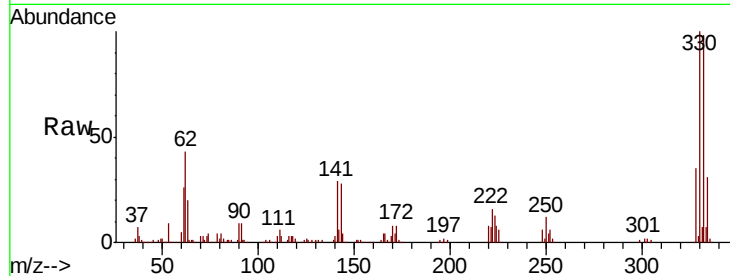




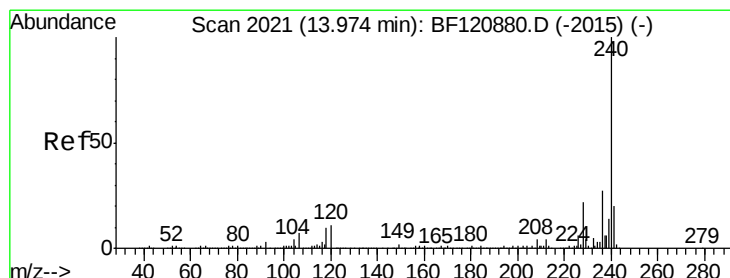
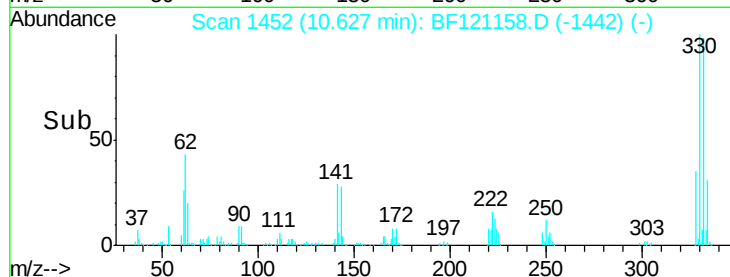
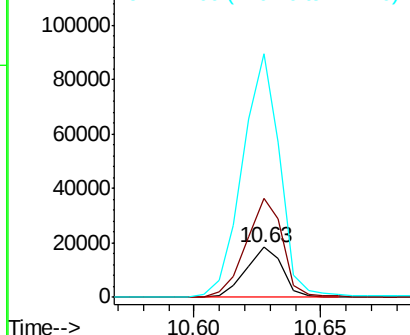
#67
4-Bromophenyl-phenylether
Concen: 3.421 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121158.D
Acq: 31 Jul 2020 15:16

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:248 Resp: 18446
Ion Ratio Lower Upper
248 100
250 197.7 77.0 115.6#
141 485.0 56.6 85.0#

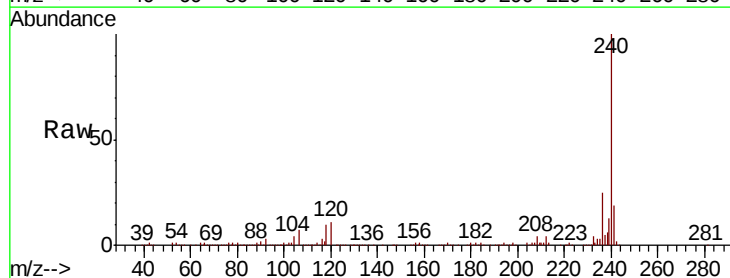


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

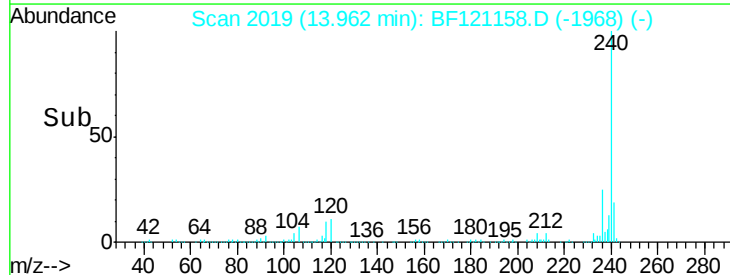
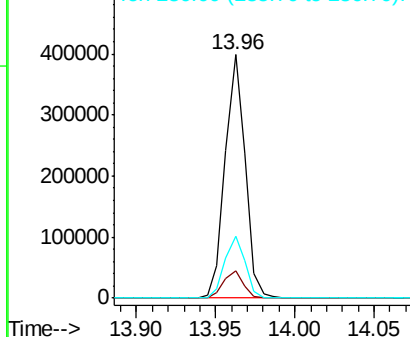


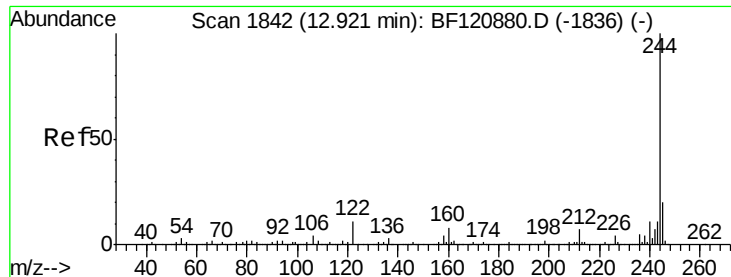
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121158.D
Acq: 31 Jul 2020 15:16

Tgt Ion:240 Resp: 349555
Ion Ratio Lower Upper
240 100
120 11.2 9.3 13.9
236 25.3 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

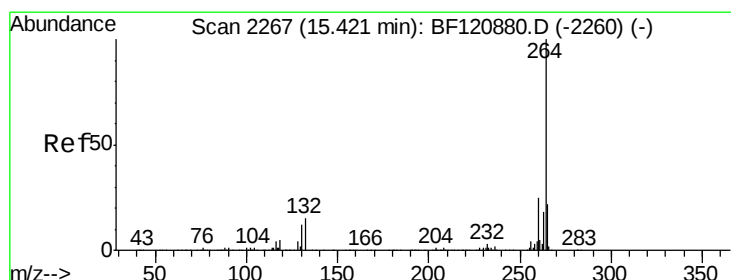
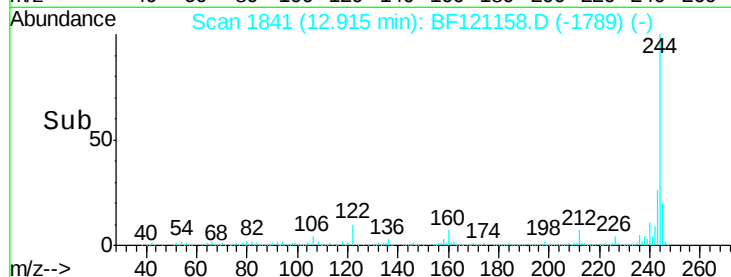
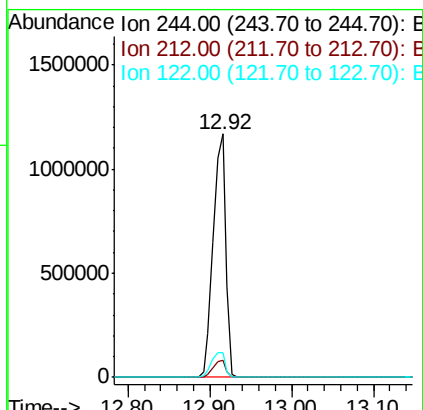
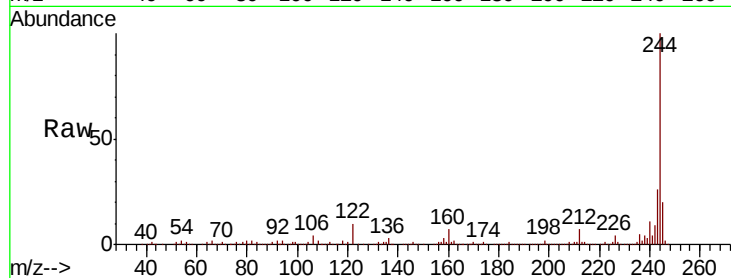




#79
 Terphenyl-d14
 Concen: 78.823 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 1267513
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121158.D
 Acq: 31 Jul 2020 15:16

Tgt Ion:264 Resp: 297155
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.3 17.8 26.8

