

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121249.D
 Acq On : 11 Aug 2020 19:53
 Operator : JU/CG
 Sample : L3624-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

Quant Time: Aug 12 10:51:25 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

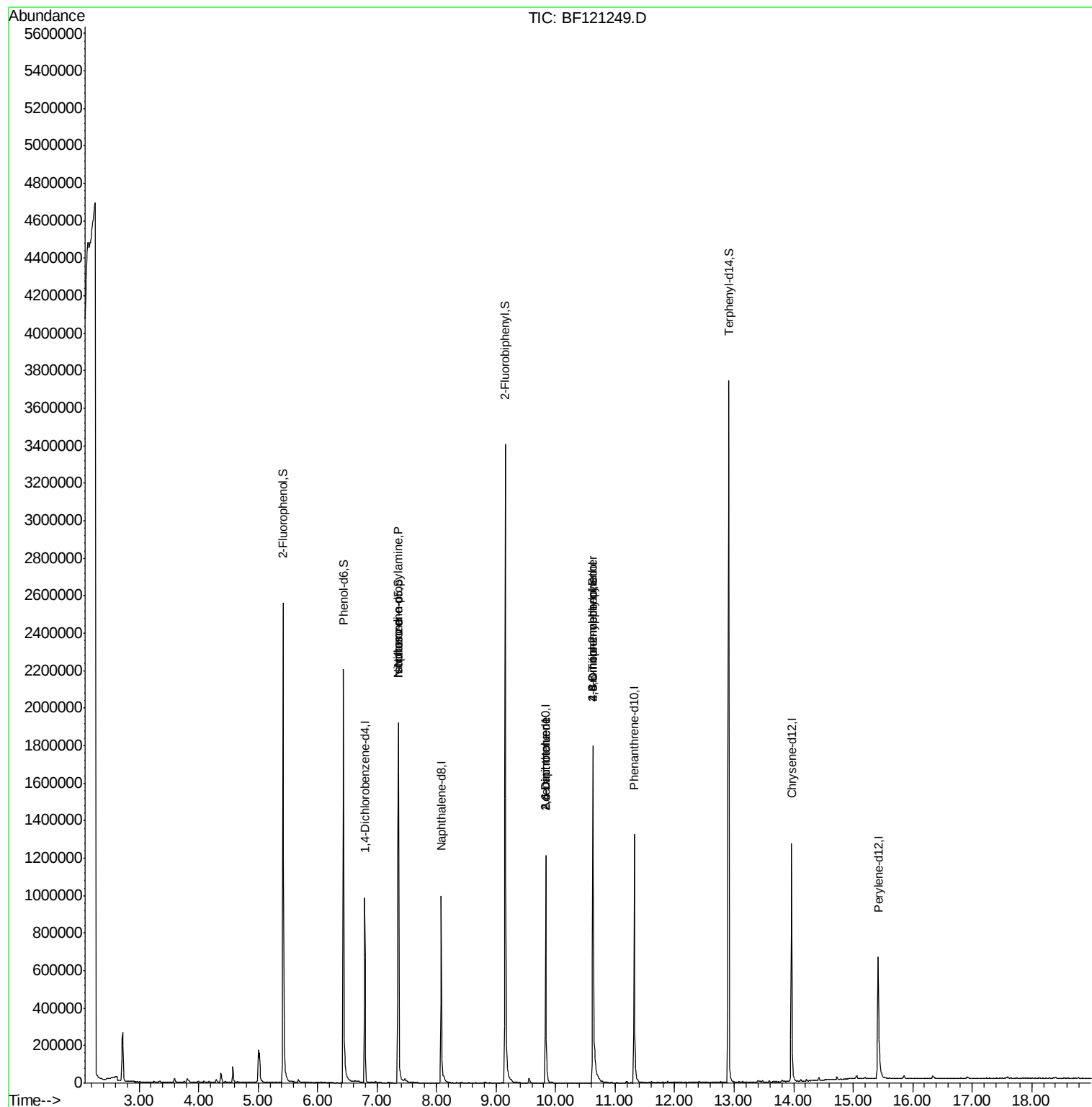
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141960	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	561465	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	295911	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	599392	20.00	ng	0.00
76) Chrysene-d12	13.96	240	529802	20.00	ng	0.00
86) Perylene-d12	15.42	264	454474	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833393	96.24	ng	0.00
7) Phenol-d6	6.43	99	934796	83.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	757085	78.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	361810	111.70	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1356285	68.43	ng	0.00
79) Terphenyl-d14	12.91	244	1459156	59.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1207	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.36	70	97695	15.359 ng	#	77
25) Isophorone	7.36	82	746411	38.543 ng	#	62
51) 2,6-Dinitrotoluene	9.83	165	37165	8.103 ng	#	27
57) 2,4-Dinitrotoluene	9.83	165	37300	6.193 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.63	198	346	3.934 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	21174	3.168 ng	#	1

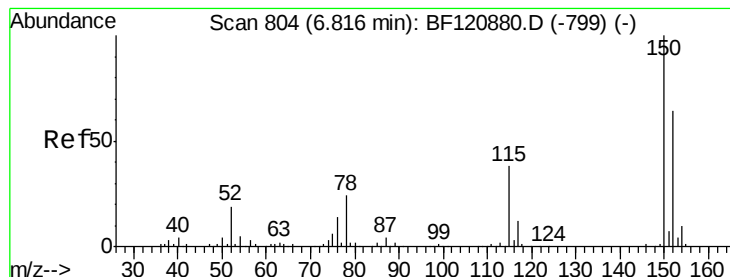
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

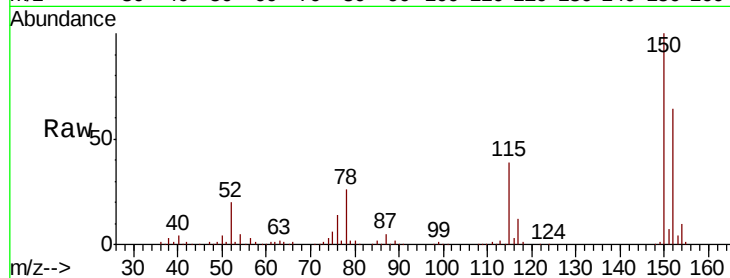
Tot Ion:152 Resp: 141960

Ion Ratio Lower Upper

152 100

150 155.7 125.6 188.4

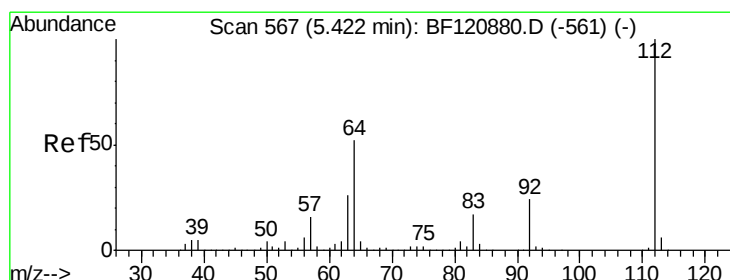
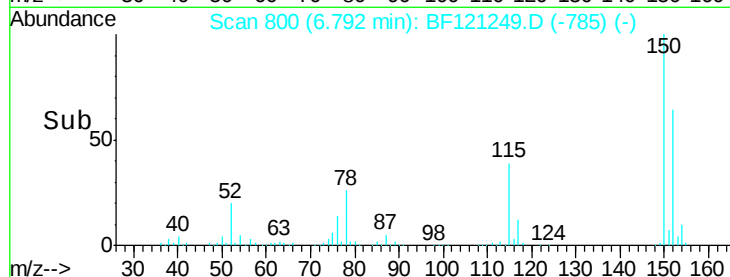
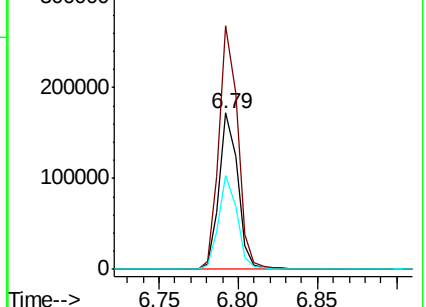
115 60.2 46.2 69.2



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: 96.240 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

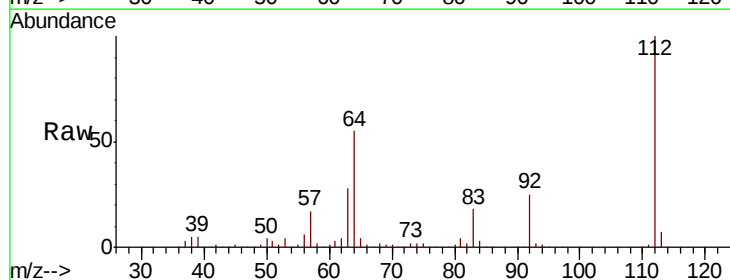
Tgt Ion:112 Resp: 833393

Ion Ratio Lower Upper

112 100

64 55.0 43.9 65.9

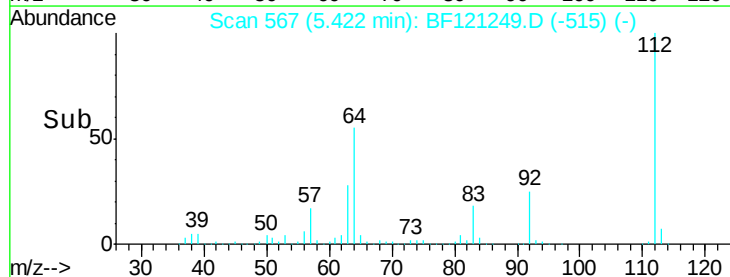
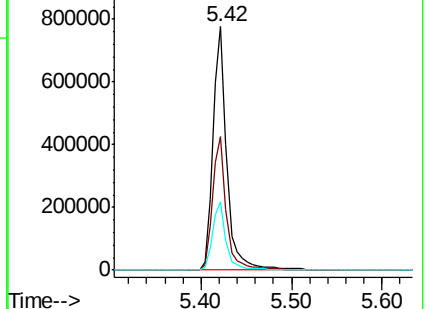
63 28.1 22.7 34.1

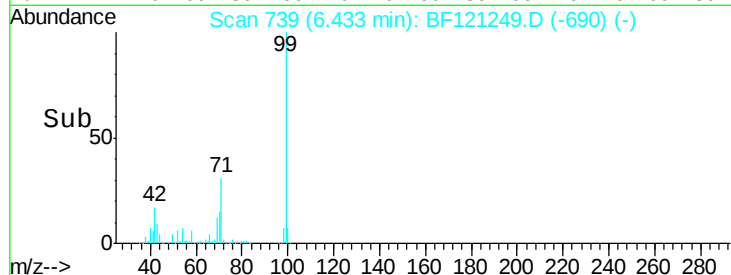
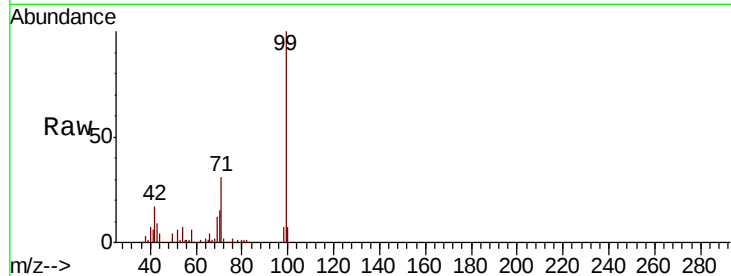


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.569 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

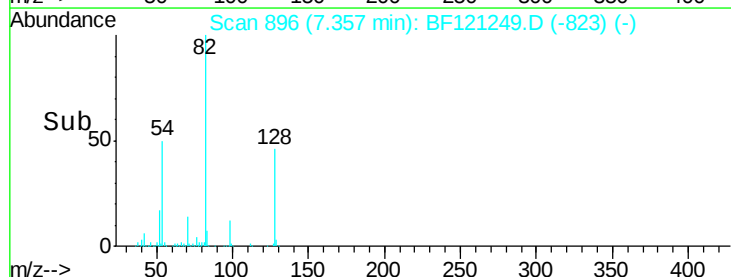
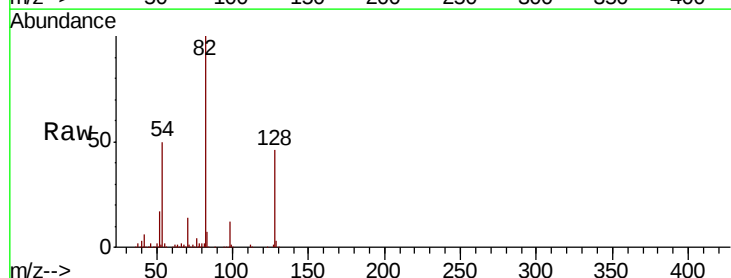
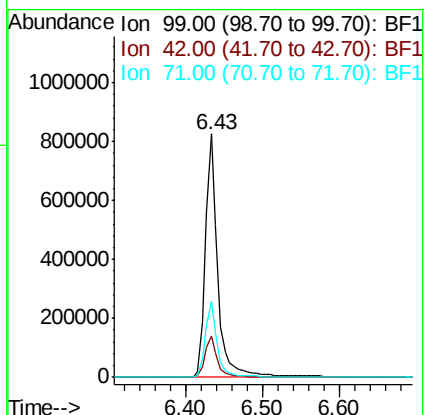
Tot Ion: 99 Resp: 934796

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 31.2 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.359 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Tgt Ion: 70 Resp: 97695

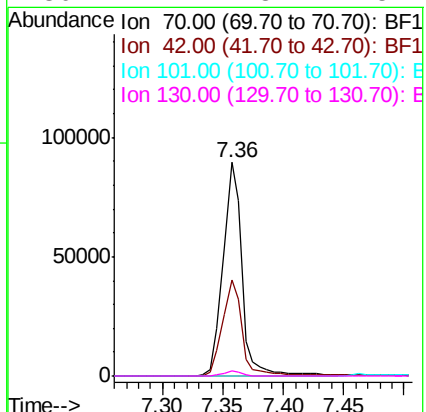
Ion Ratio Lower Upper

70 100

42 44.9 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#

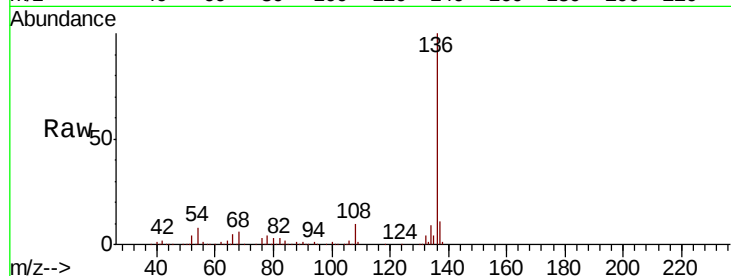




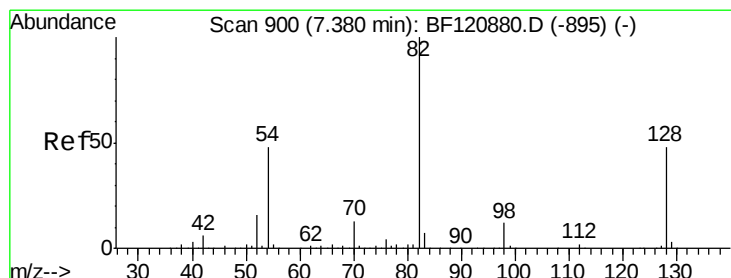
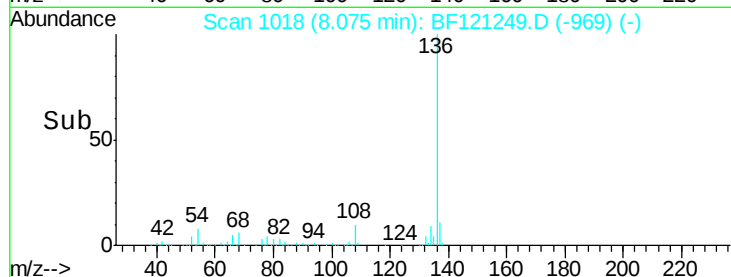
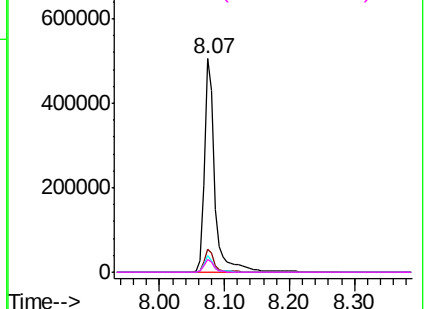
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121249.D
Acq: 11 Aug 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SS-TP-3

Tot Ion:136	Resp:	561465
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	7.6	6.1 9.1
68	6.1	5.0 7.6

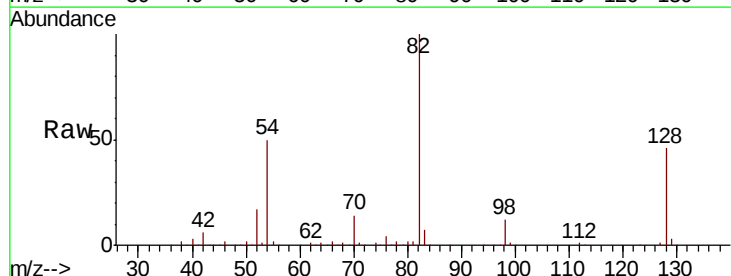


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

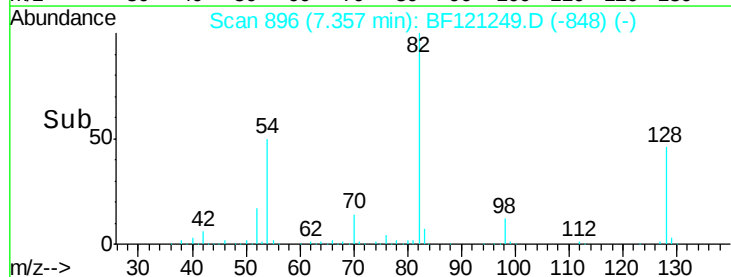
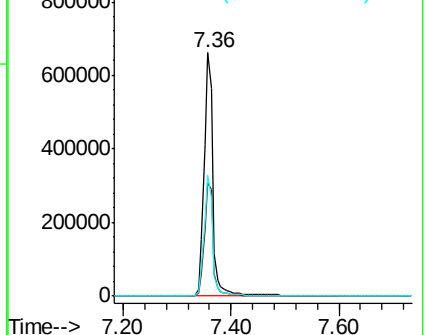


#23
Nitrobenzene-d5
Concen: 78.023 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121249.D
Acq: 11 Aug 2020 19:53

Tgt Ion: 82	Resp:	757085
Ion Ratio	Lower	Upper
82	100	
128	46.4	39.2 58.8
54	49.6	37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.543 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampled :

SS-TP-3

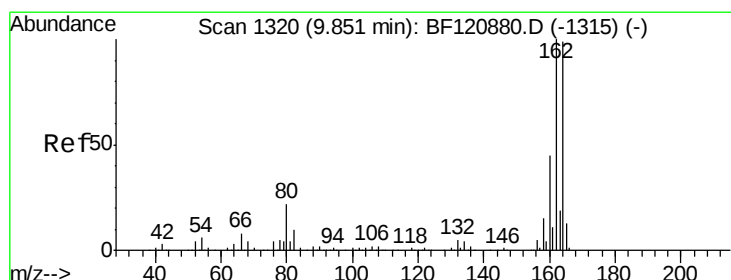
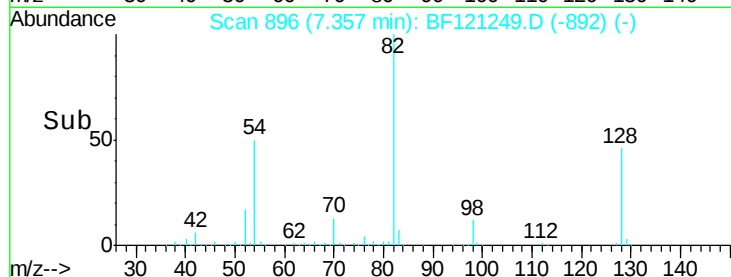
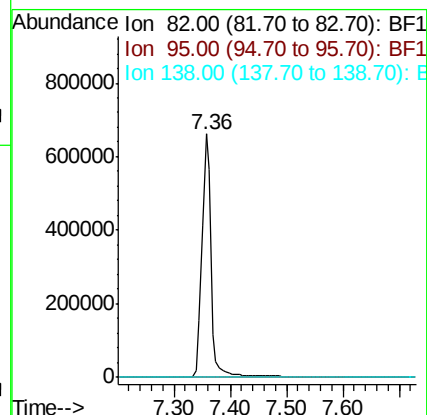
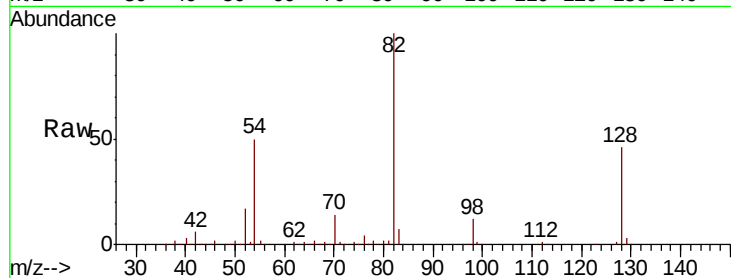
Tot Ion: 82 Resp: 746411

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 16.2 24.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

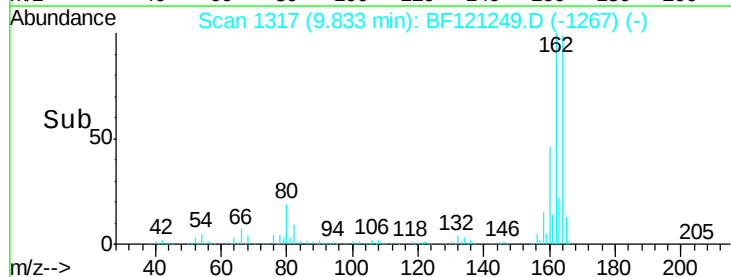
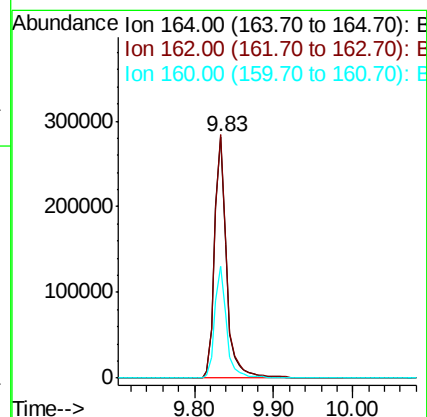
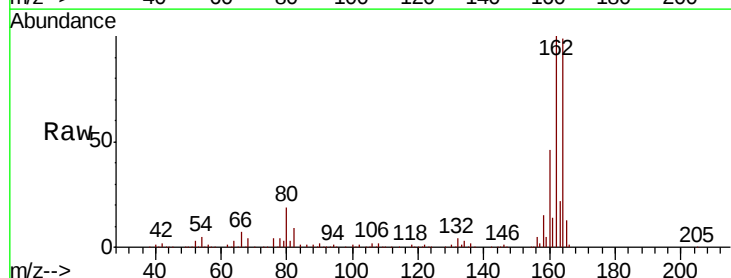
Tgt Ion: 164 Resp: 295911

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

160 46.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 111.703 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

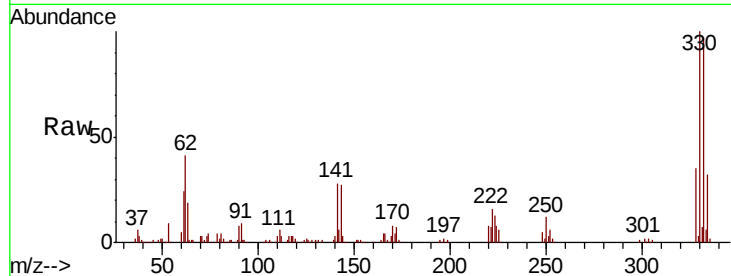
Tot Ion:330 Resp: 361810

Ion Ratio Lower Upper

330 100

332 96.4 76.1 114.1

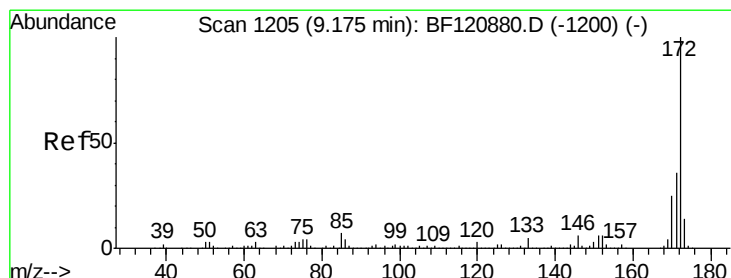
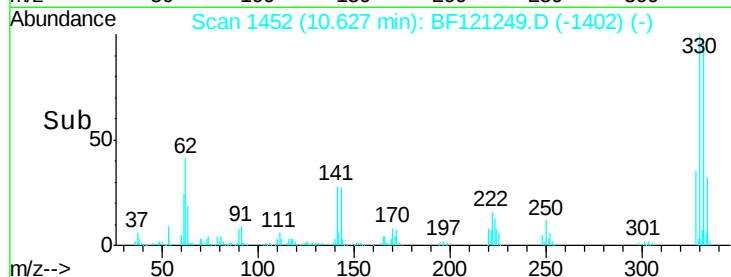
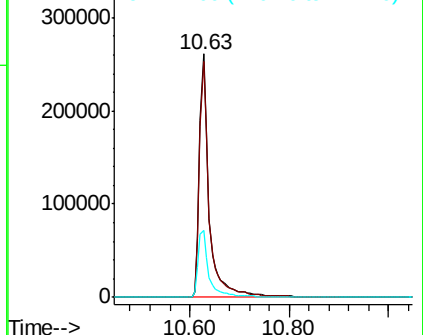
141 30.5 24.1 36.1



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: 68.432 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

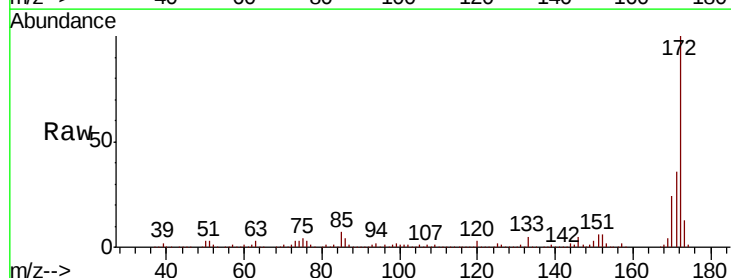
Tgt Ion:172 Resp: 1356285

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

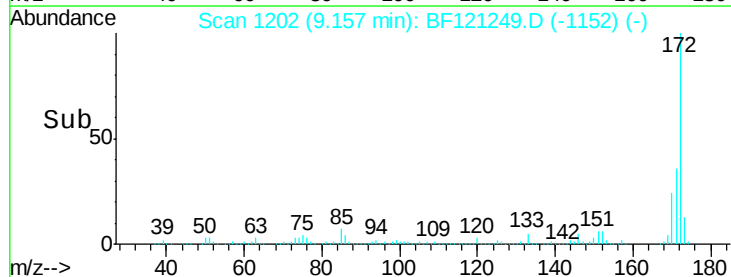
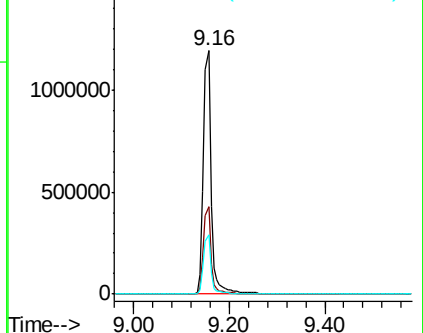
170 24.4 19.6 29.4

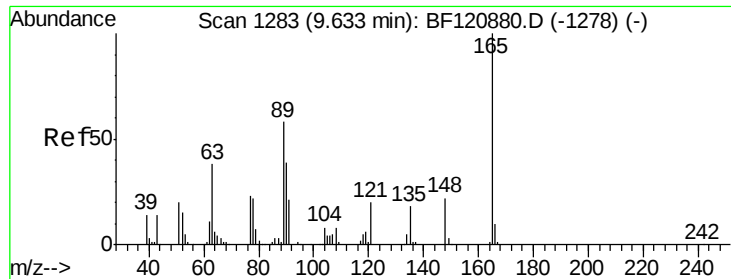


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.103 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

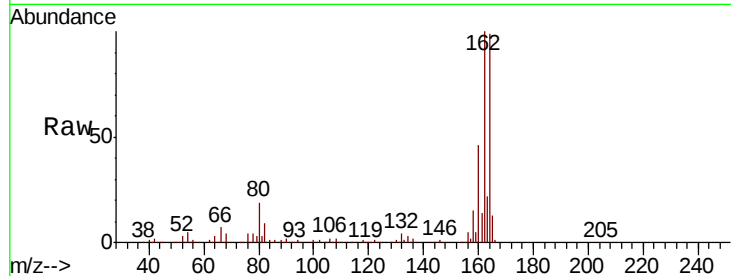
Tot Ion:165 Resp: 37165

Ion Ratio Lower Upper

165 100

63 1.3 41.1 61.7#

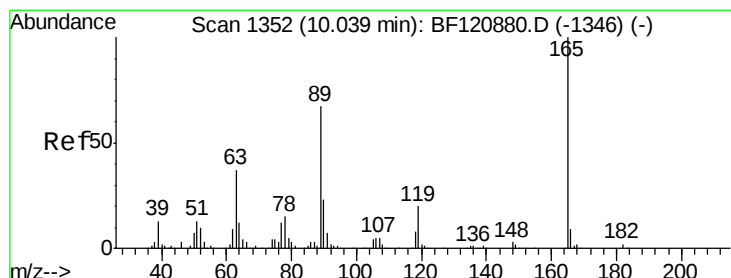
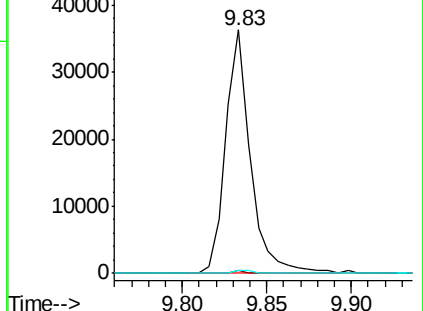
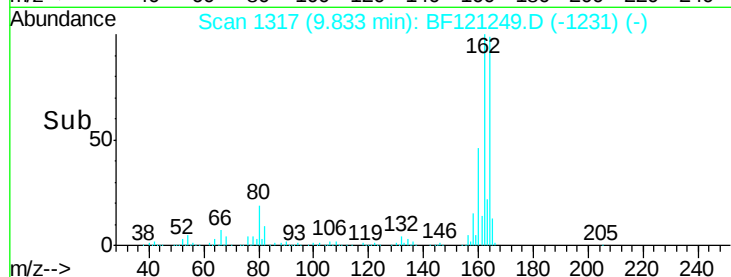
89 1.4 43.5 65.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.193 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

Tgt Ion:165 Resp: 37300

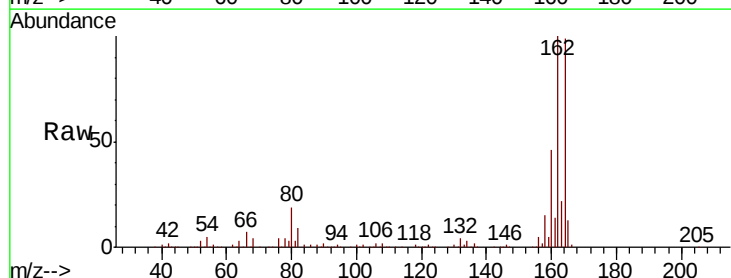
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.4 50.3 75.5#

182 0.0 2.1 3.1#

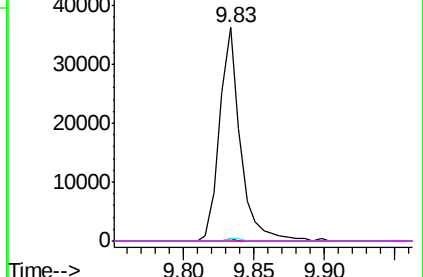
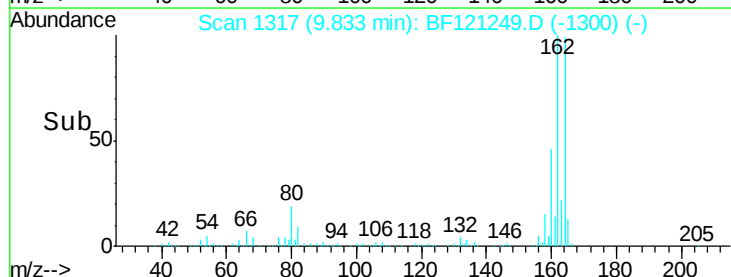


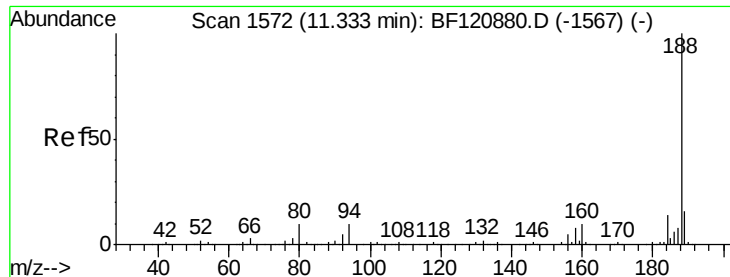
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF121249.D

Acq: 11 Aug 2020 19:53

Instrument :

BNA_F

ClientSampleId :

SS-TP-3

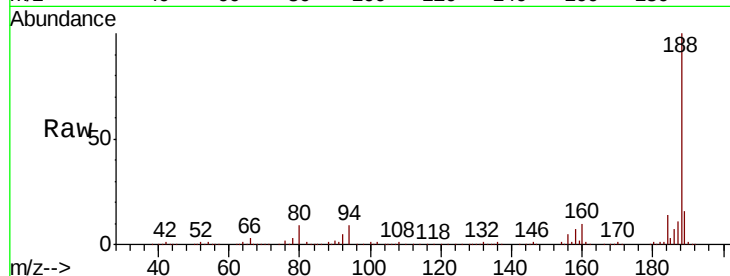
Tot Ion:188 Resp: 599392

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

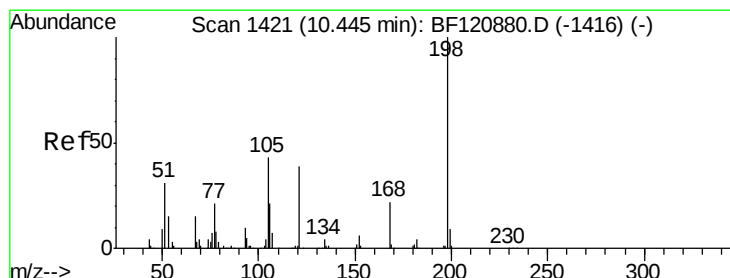
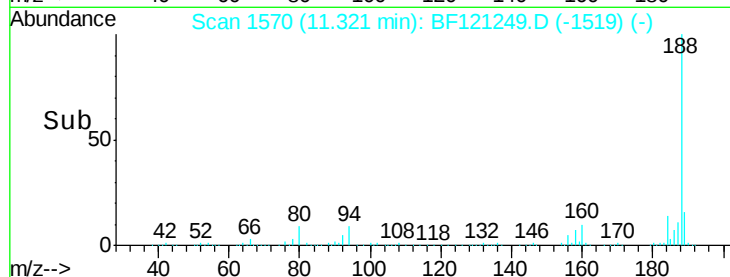
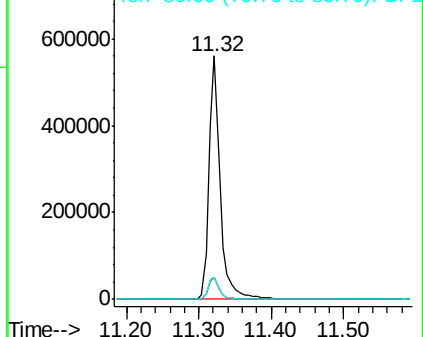
80 9.3 8.3 12.5



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: 3.934 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121249.D

Acq: 11 Aug 2020 19:53

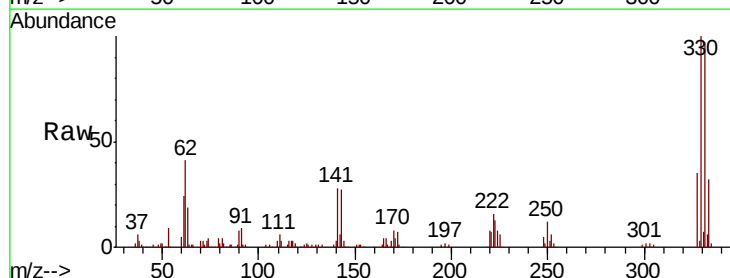
Tgt Ion:198 Resp: 346

Ion Ratio Lower Upper

198 100

51 193.4 23.4 63.4#

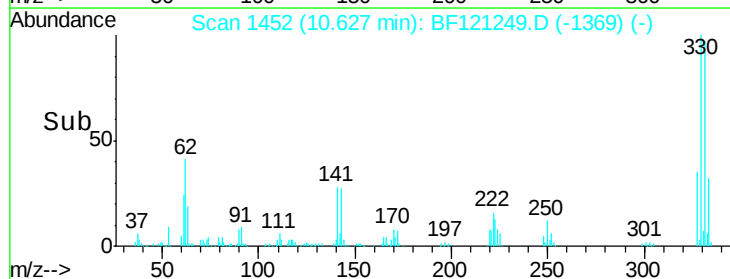
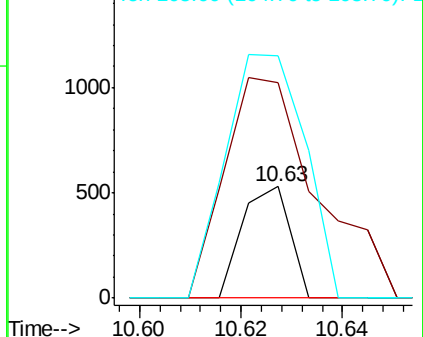
105 217.4 23.7 63.7#

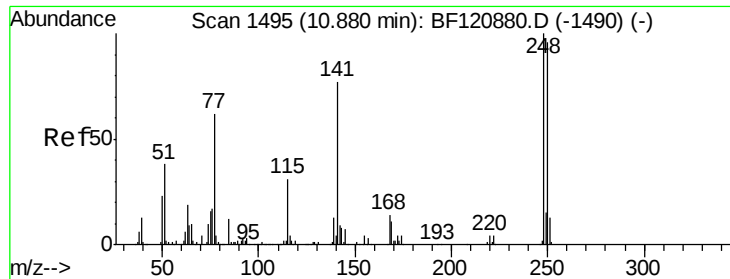


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

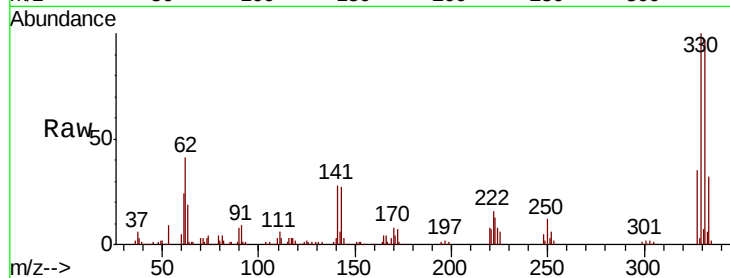




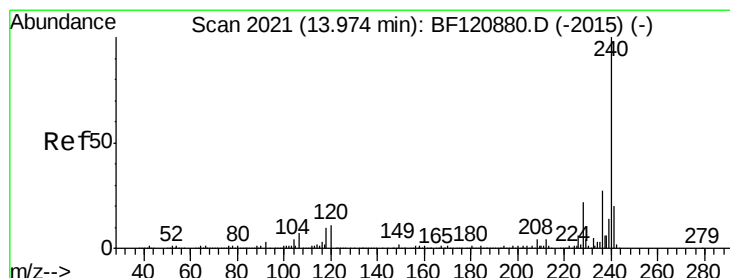
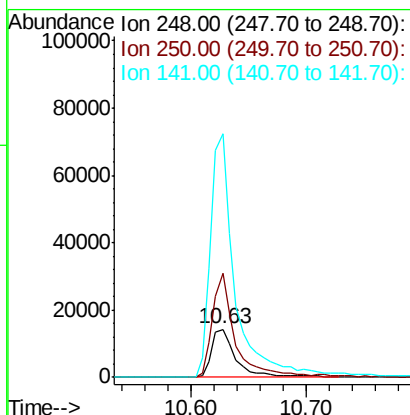
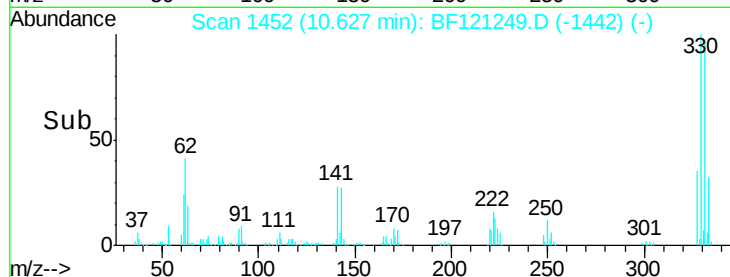
#67
 4-Bromophenyl-phenylether
 Concen: 3.168 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

Tot Ion:248 Resp: 21174
 Ion Ratio Lower Upper
 248 100
 250 215.2 77.0 115.6#
 141 505.0 56.6 85.0#

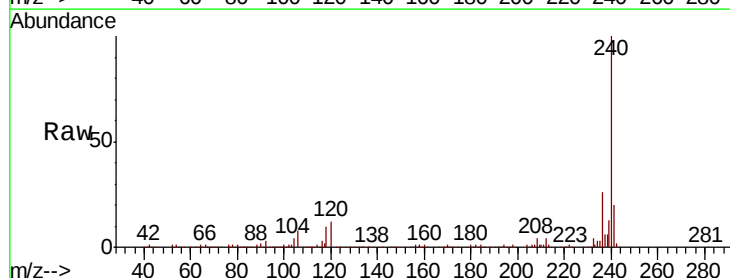


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

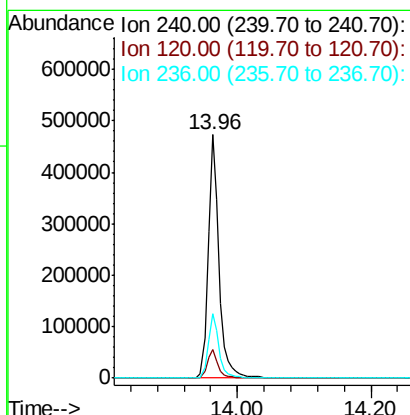
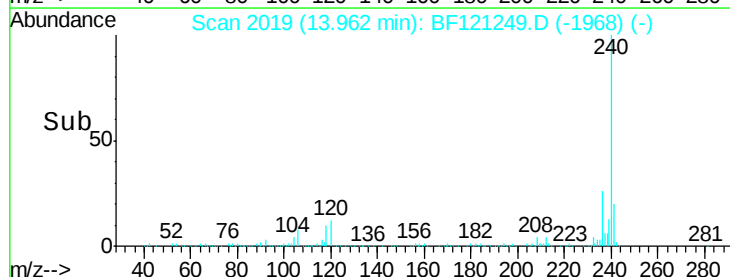


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Tgt Ion:240 Resp: 529802
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.3 13.9
 236 26.3 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



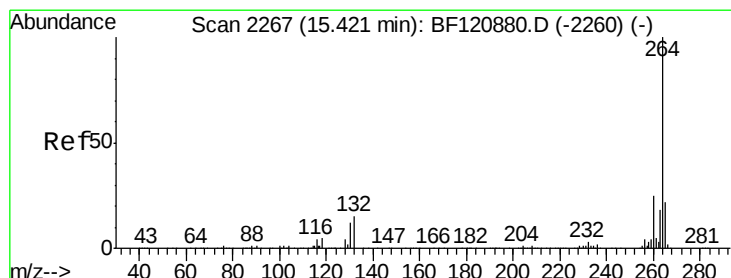
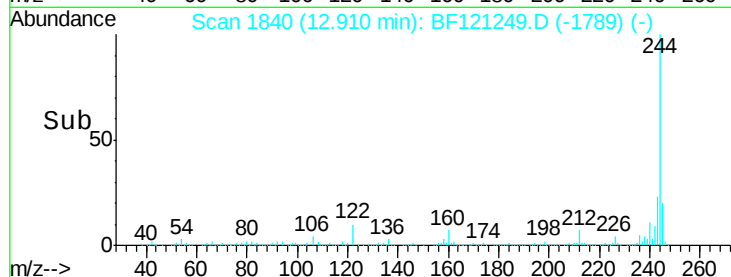
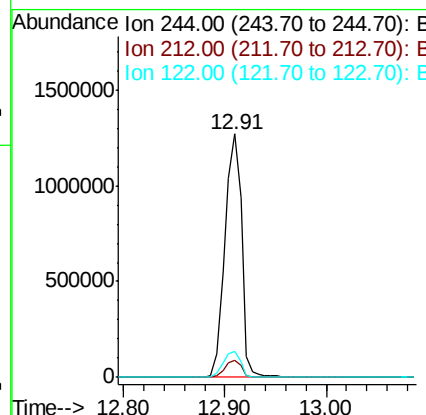
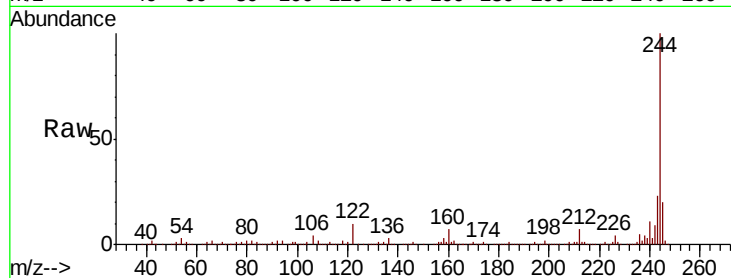


#79
 Terphenyl-d14
 Concen: 59.869 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-3

Tot Ion:244 Resp: 1459156

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.5	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121249.D
 Acq: 11 Aug 2020 19:53

Tgt Ion:264 Resp: 454474

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.8	17.8	26.8

