

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121250.D
 Acq On : 11 Aug 2020 20:24
 Operator : JU/CG
 Sample : L3624-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

Quant Time: Aug 12 10:51:35 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

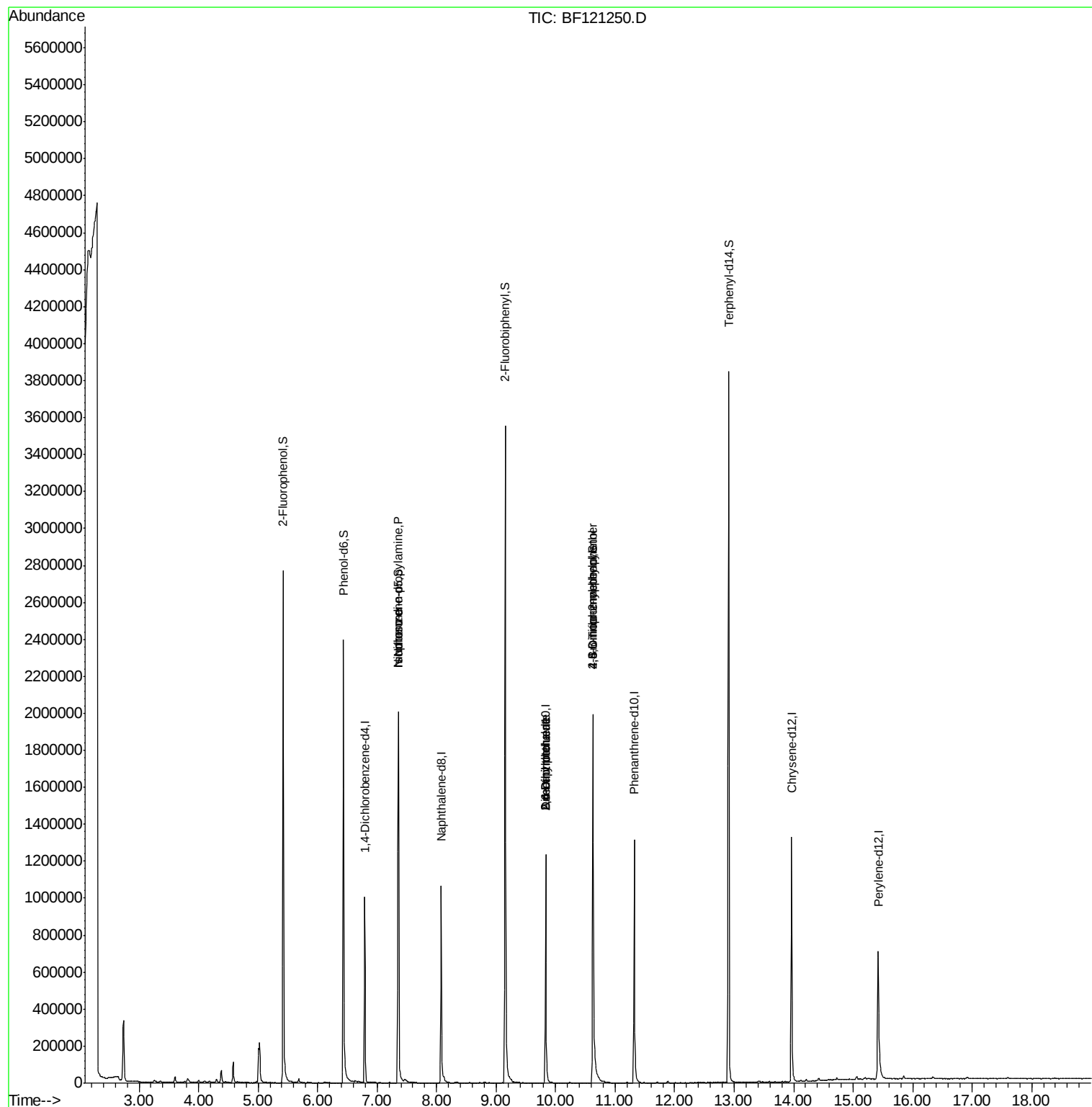
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146356	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	577575	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	300425	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	620347	20.00	ng	0.00
76) Chrysene-d12	13.96	240	565533	20.00	ng	0.00
86) Perylene-d12	15.42	264	497199	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	900355	100.85	ng	0.00
7) Phenol-d6	6.43	99	990790	85.91	ng	-0.01
23) Nitrobenzene-d5	7.36	82	794686	79.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	403247	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1466390	72.88	ng	0.00
79) Terphenyl-d14	12.91	244	1606012	61.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1302	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	105851	16.142 ng	#	1
25) Isophorone	7.36	82	785615	39.436 ng	#	80
50) Dimethylphthalate	9.83	163	56481	2.606 ng	#	62
51) 2,6-Dinitrotoluene	9.83	165	37973	8.155 ng	#	1
57) 2,4-Dinitrotoluene	9.83	165	37974	6.210 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	519	3.976 ng	#	29
67) 4-Bromophenyl-phenylether	10.63	248	22919	3.314 ng	#	1

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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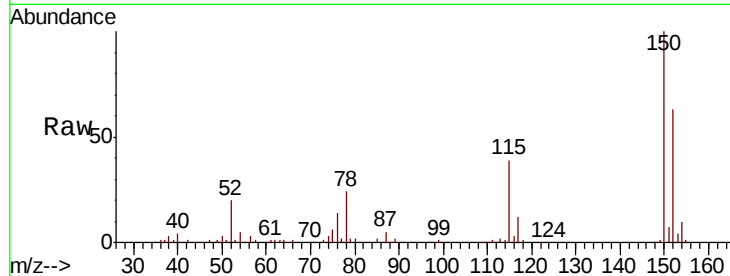


#1

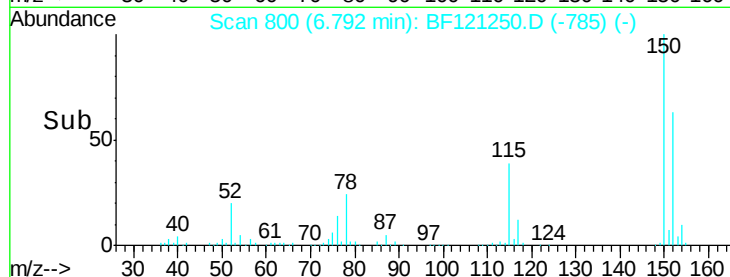
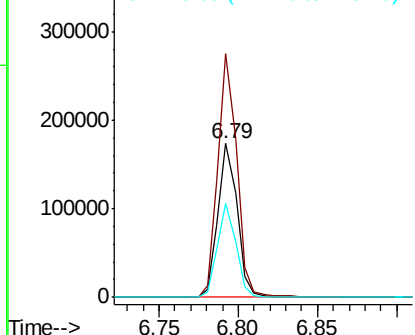
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121250.D
Acq: 11 Aug 2020 20:24

Instrument :
BNA_F
ClientSampleId :
SS-TP-4

Tot Ion:152 Resp: 146356
Ion Ratio Lower Upper
152 100
150 158.2 125.6 188.4
115 61.1 46.2 69.2



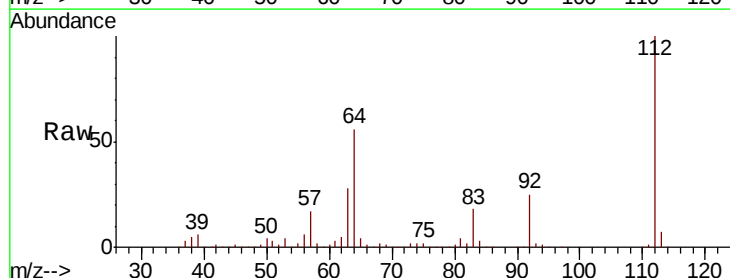
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



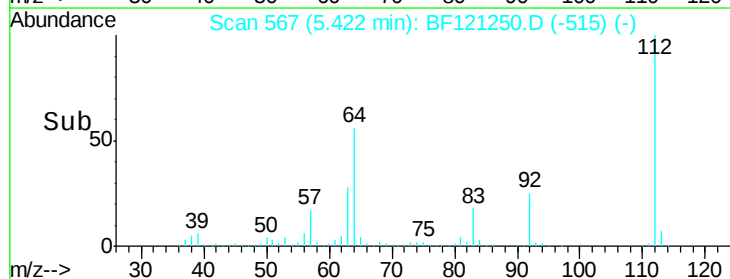
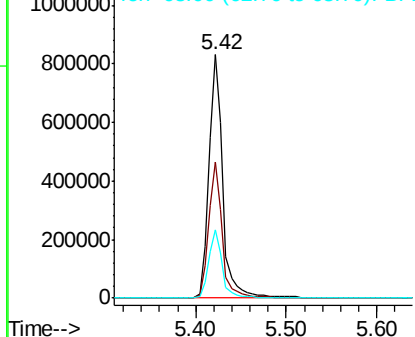
#5

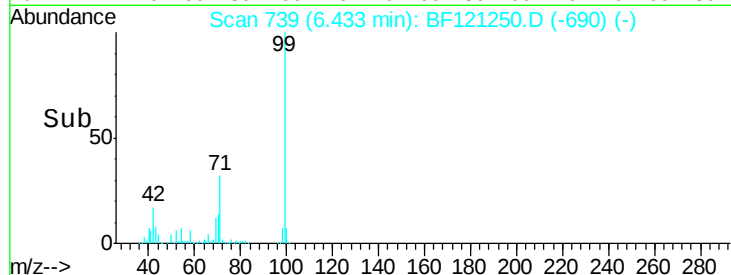
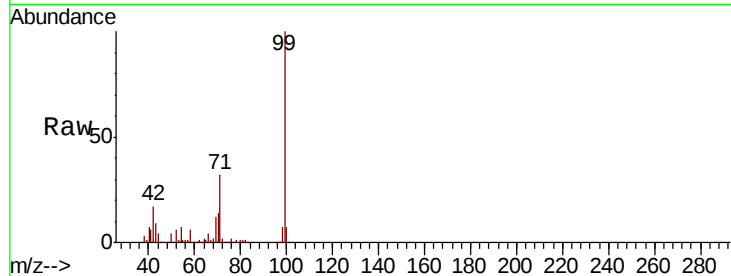
2-Fluorophenol
Concen: 100.850 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121250.D
Acq: 11 Aug 2020 20:24

Tgt Ion:112 Resp: 900355
Ion Ratio Lower Upper
112 100
64 55.7 43.9 65.9
63 28.0 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: 85.915 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampleId :

SS-TP-4

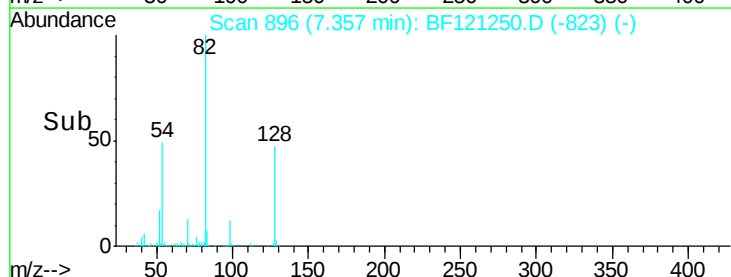
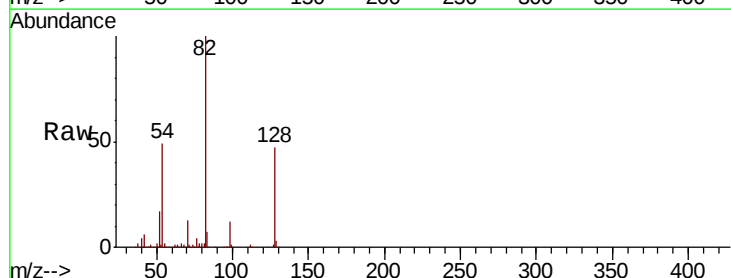
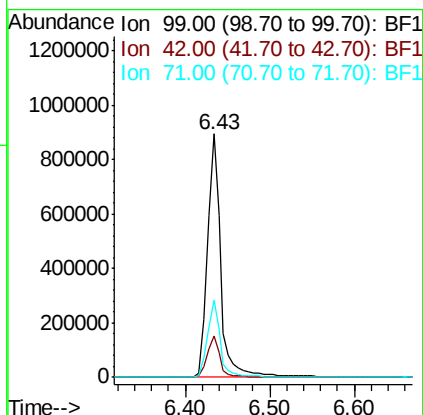
Tot Ion: 99 Resp: 990790

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 31.5 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.142 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Tgt Ion: 70 Resp: 105851

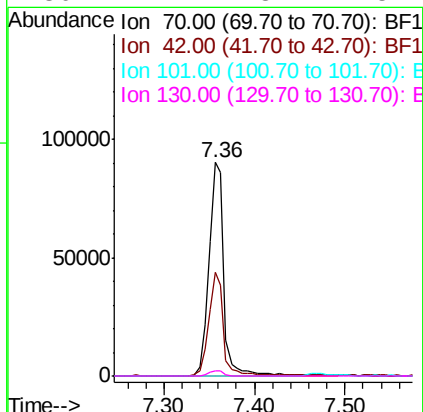
Ion Ratio Lower Upper

70 100

42 48.5 43.3 64.9

101 0.0 8.4 12.6#

130 2.2 18.7 28.1#

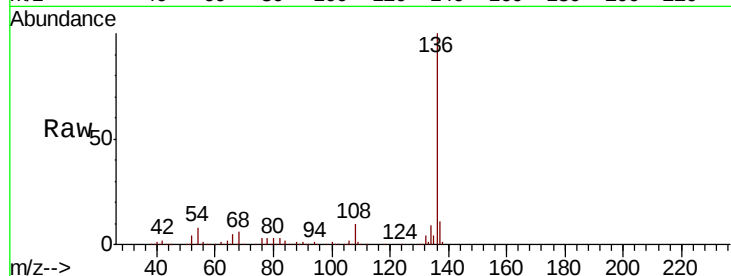




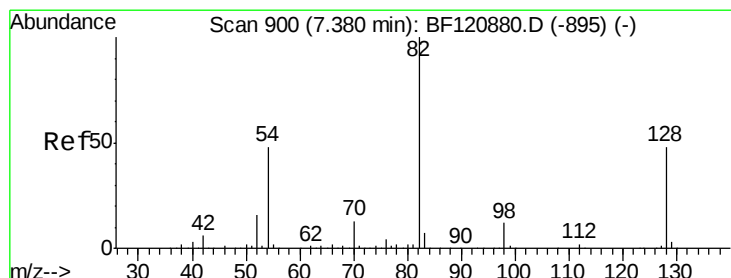
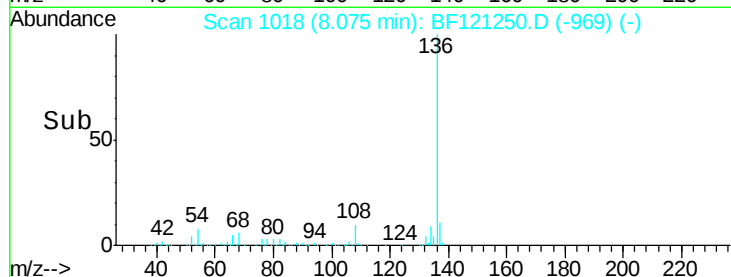
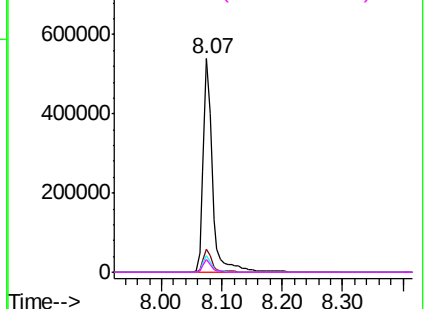
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121250.D
Acq: 11 Aug 2020 20:24

Instrument :
BNA_F
ClientSampleId :
SS-TP-4

Tot Ion:136	Resp:	577575
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.0 13.4
54	7.7	6.1 9.1
68	5.9	5.0 7.6

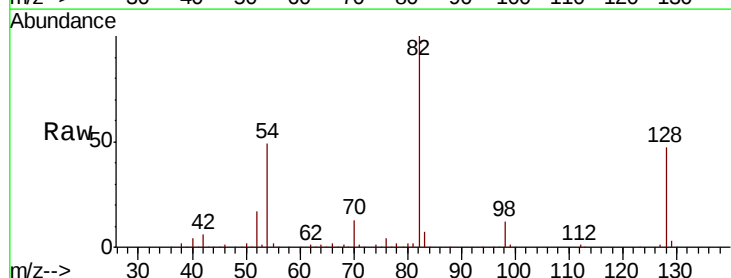


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

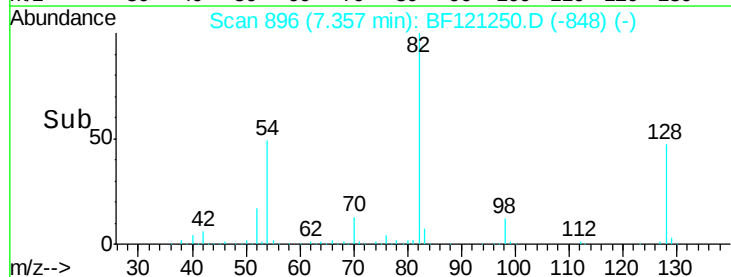
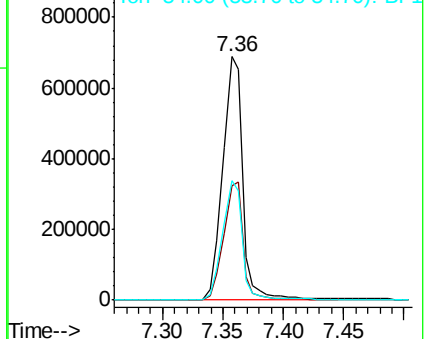


#23
Nitrobenzene-d5
Concen: 79.614 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121250.D
Acq: 11 Aug 2020 20:24

Tgt Ion: 82	Resp:	794686
Ion	Ratio	Lower Upper
82	100	
128	46.8	39.2 58.8
54	49.3	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: 39.436 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampled :

SS-TP-4

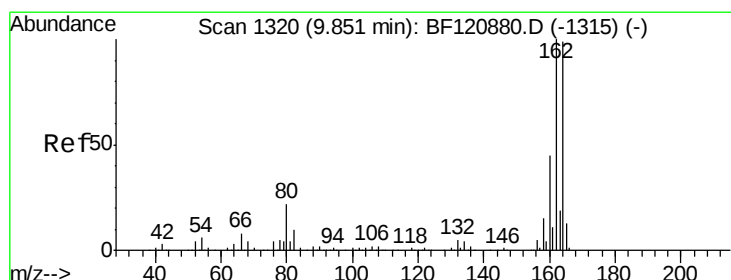
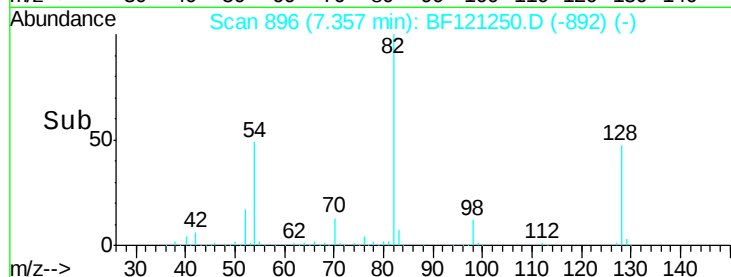
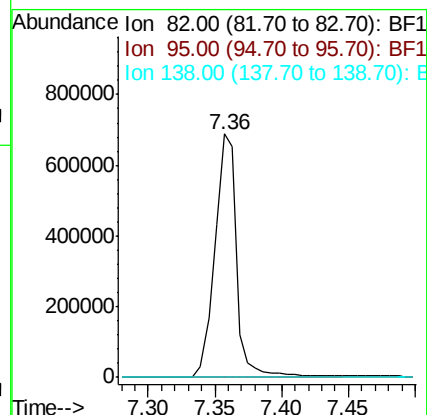
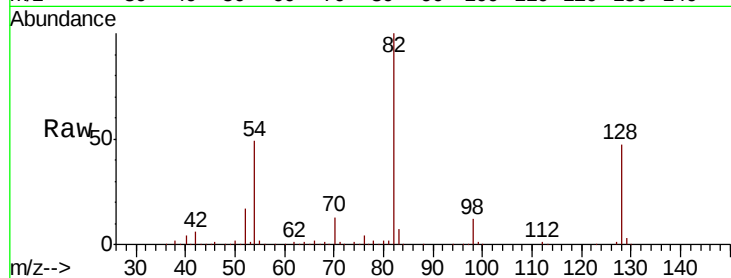
Tot Ion: 82 Resp: 785615

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: BF121250.D

Acq: 11 Aug 2020 20:24

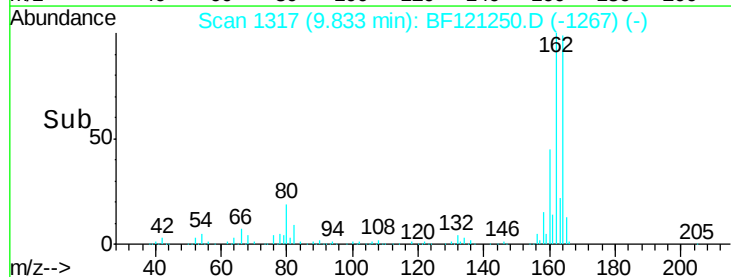
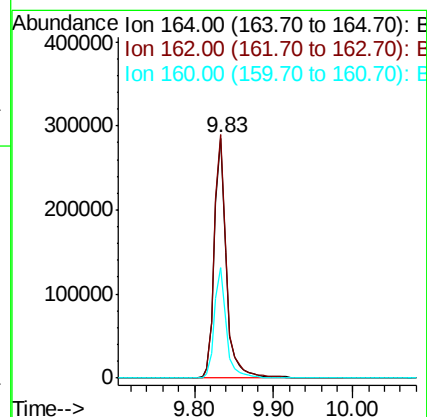
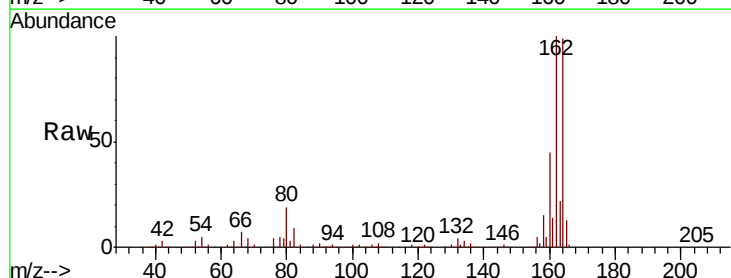
Tgt Ion: 164 Resp: 300425

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

160 46.0 37.2 55.8

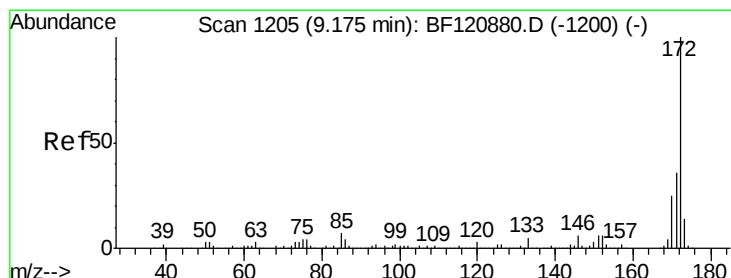
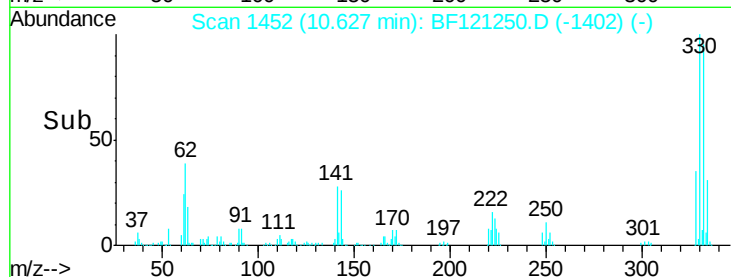
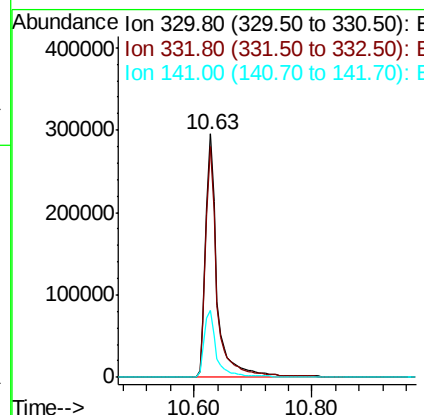
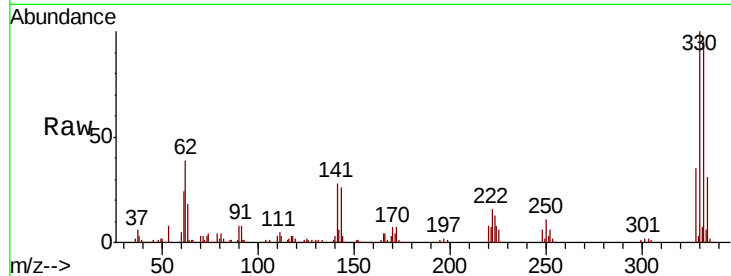




#42
 2,4,6-Tribromophenol
 Concen: 122.625 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

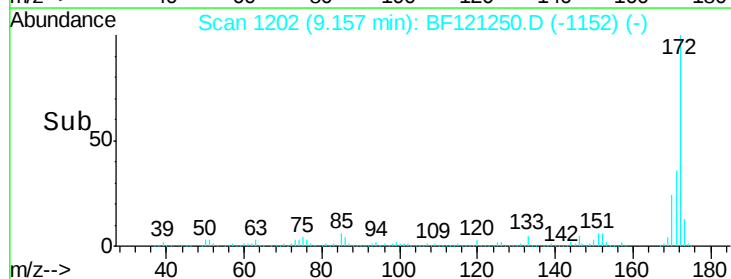
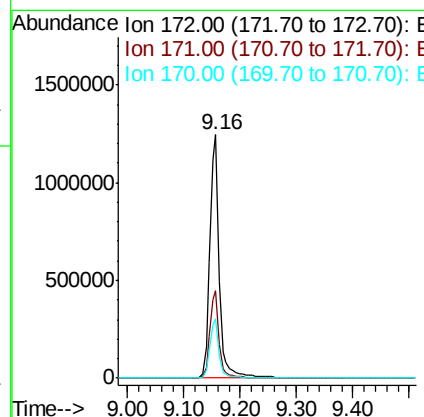
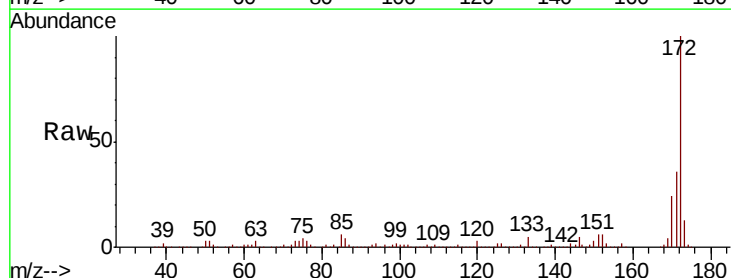
Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

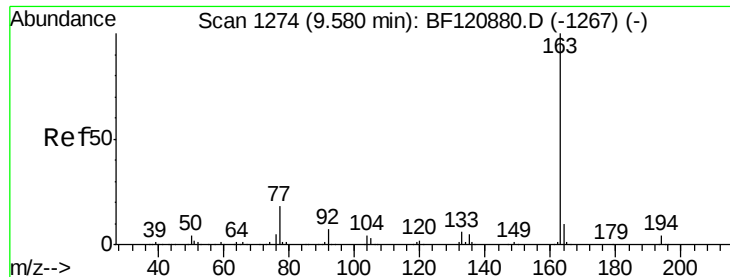
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	29.6	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 72.876 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 2.606 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.26 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampleId :

SS-TP-4

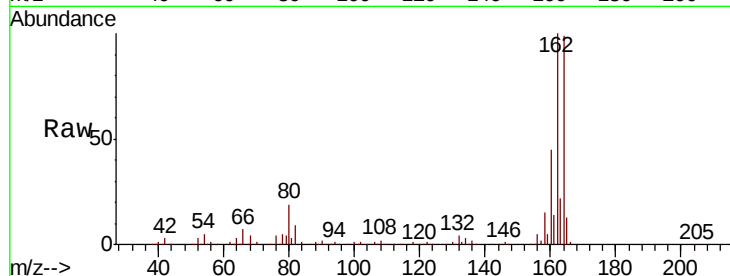
Tot Ion:163 Resp: 56481

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

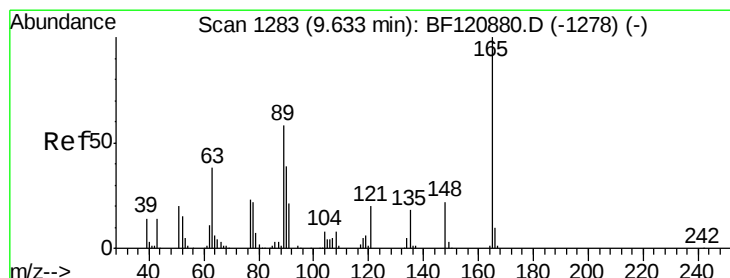
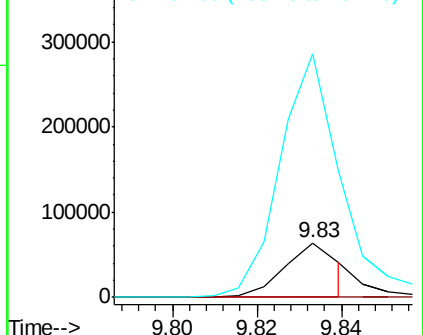
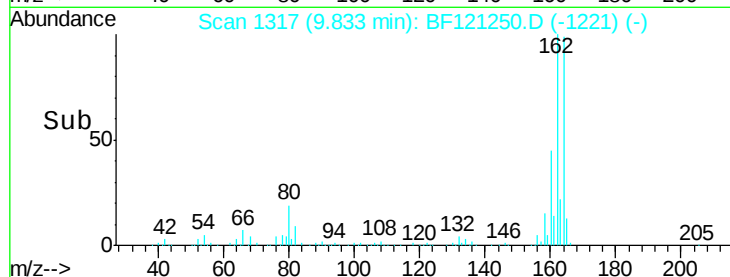
164 446.9 8.4 12.6#



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: 8.155 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

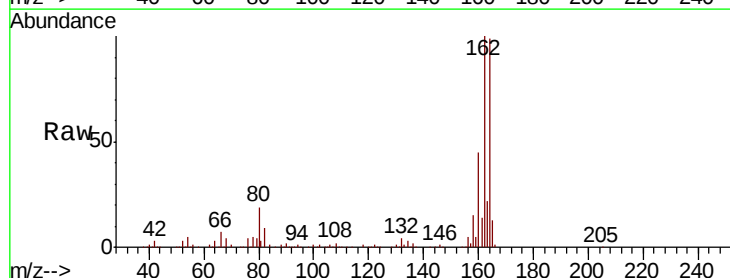
Tgt Ion:165 Resp: 37973

Ion Ratio Lower Upper

165 100

63 1.2 41.1 61.7#

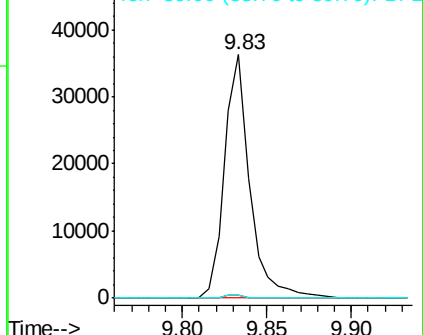
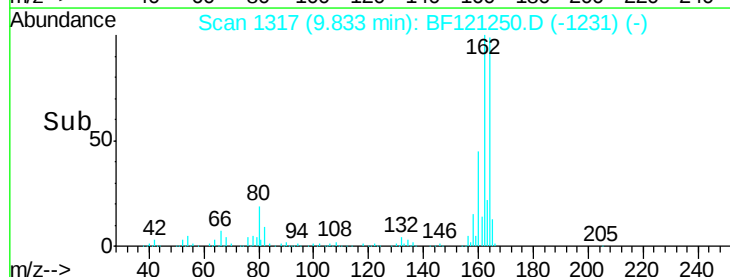
89 1.2 43.5 65.3#

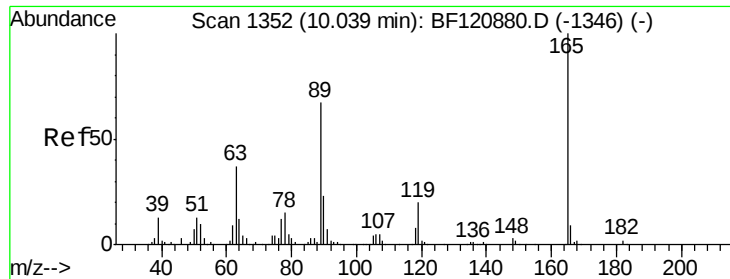


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

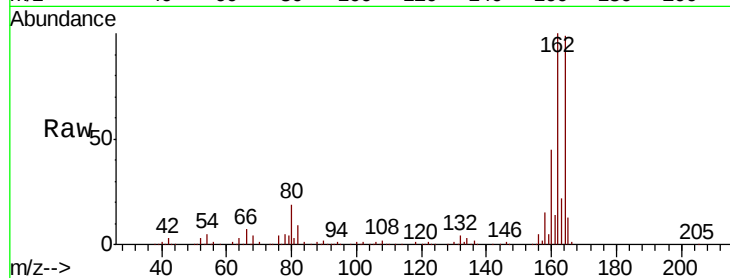




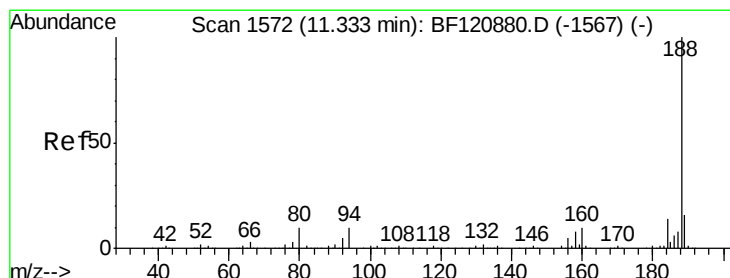
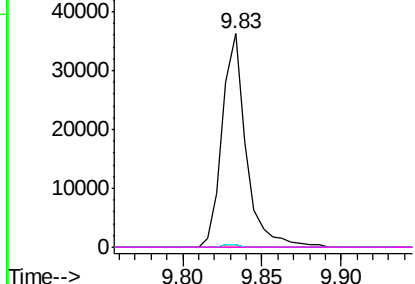
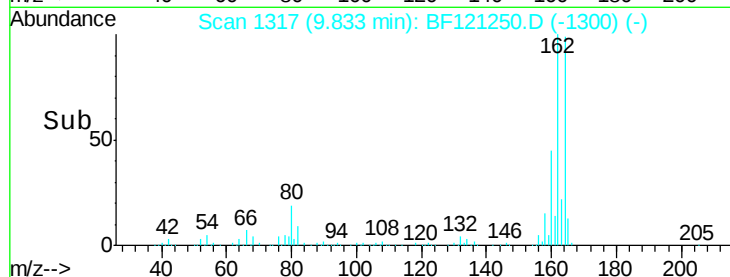
#57
 2,4-Dinitrotoluene
 Concen: 6.210 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Instrument :
 BNA_F
 ClientSampled :
 SS-TP-4

Tot Ion:165 Resp: 37974
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.8#
 89 1.2 50.3 75.5#
 182 0.0 2.1 3.1#

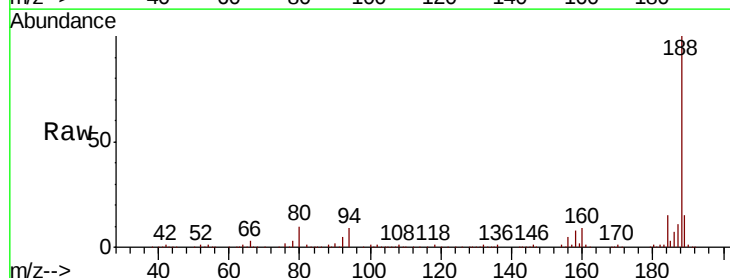


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

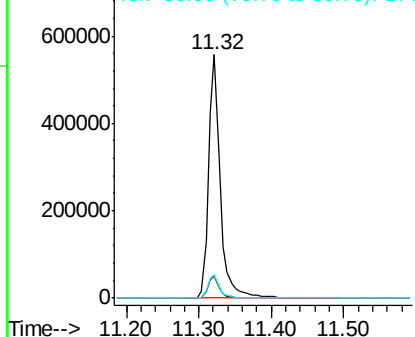
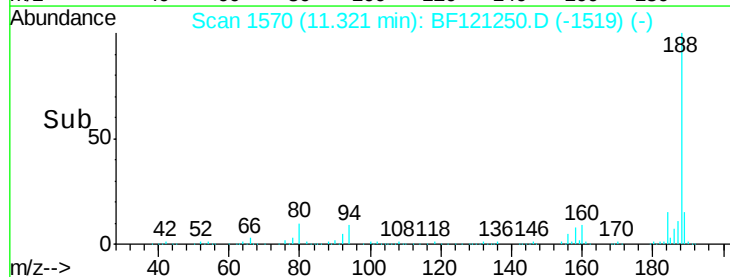


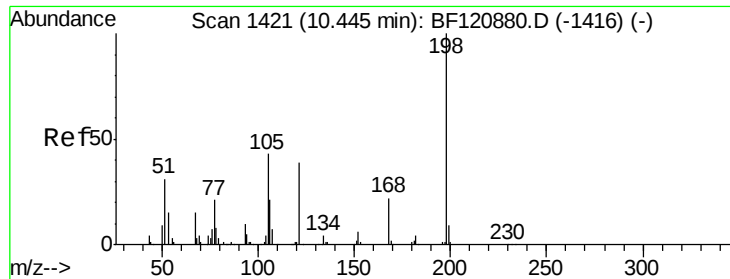
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion:188 Resp: 620347
 Ion Ratio Lower Upper
 188 100
 94 9.0 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

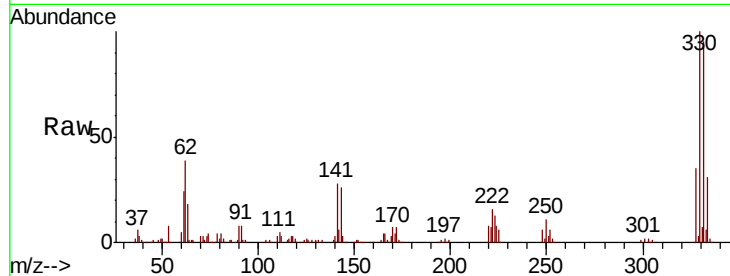




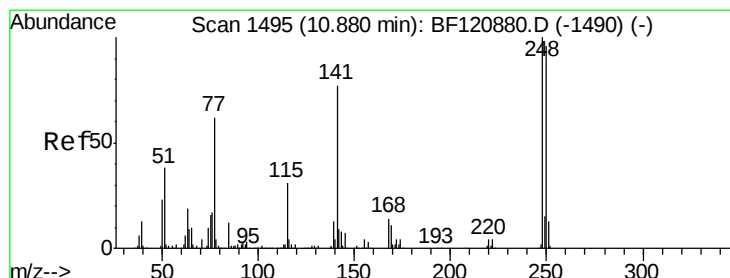
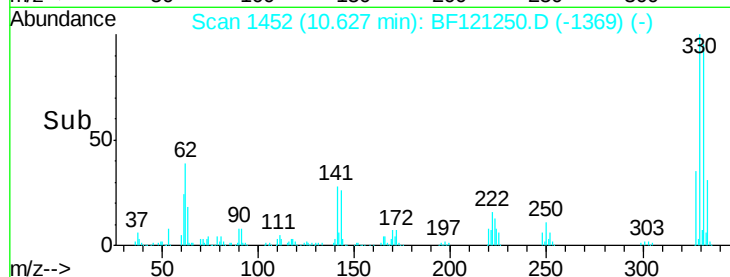
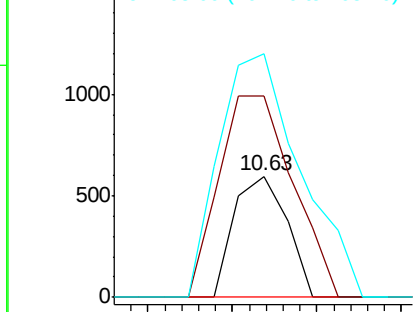
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.976 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.19 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-4

Tot Ion:198 Resp: 519
 Ion Ratio Lower Upper
 198 100
 51 166.9 23.4 63.4#
 105 201.2 23.7 63.7#

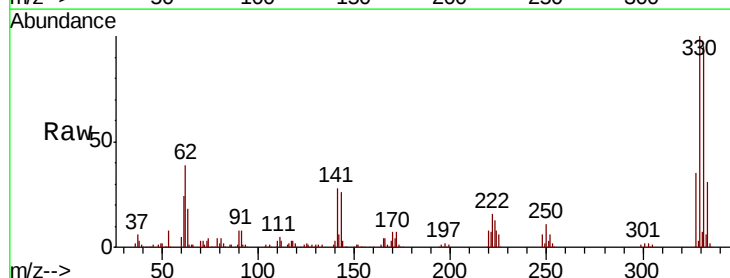


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

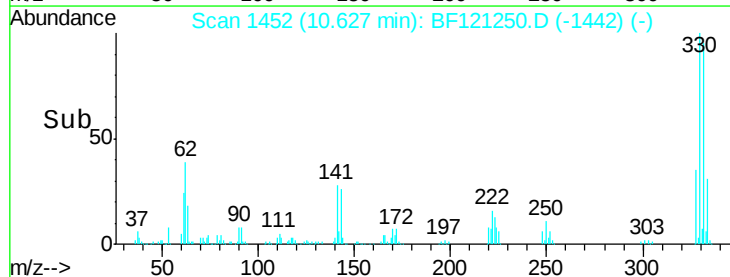
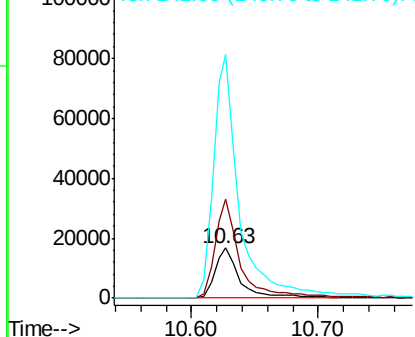


#67
 4-Bromophenyl-phenylether
 Concen: 3.314 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121250.D
 Acq: 11 Aug 2020 20:24

Tgt Ion:248 Resp: 22919
 Ion Ratio Lower Upper
 248 100
 250 196.5 77.0 115.6#
 141 484.4 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: BF121250.D

Acq: 11 Aug 2020 20:24

Instrument :

BNA_F

ClientSampleId :

SS-TP-4

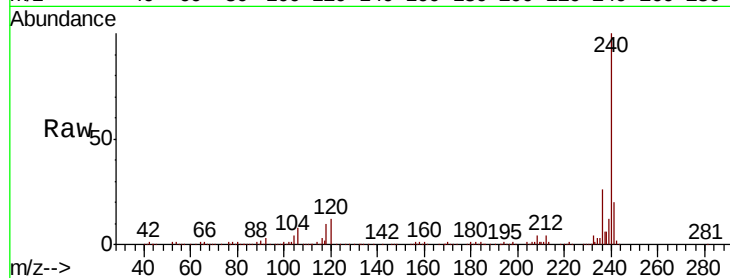
Tot Ion:240 Resp: 565533

Ion Ratio Lower Upper

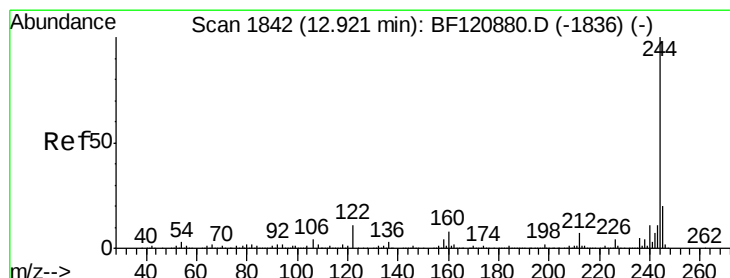
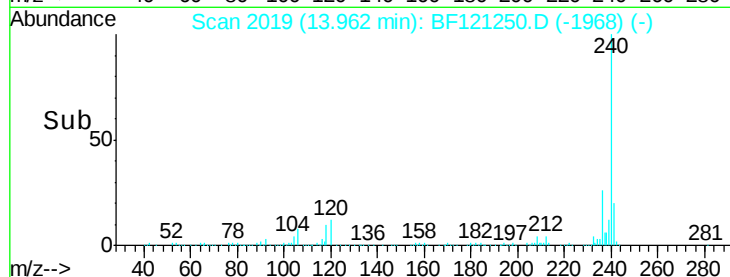
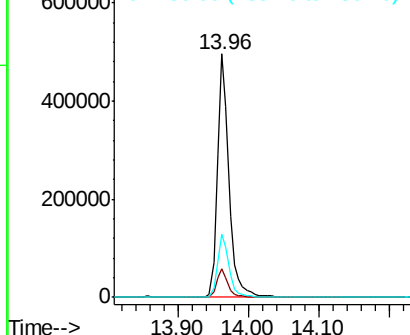
240 100

120 11.7 9.3 13.9

236 25.9 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: 61.732 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121250.D

Acq: 11 Aug 2020 20:24

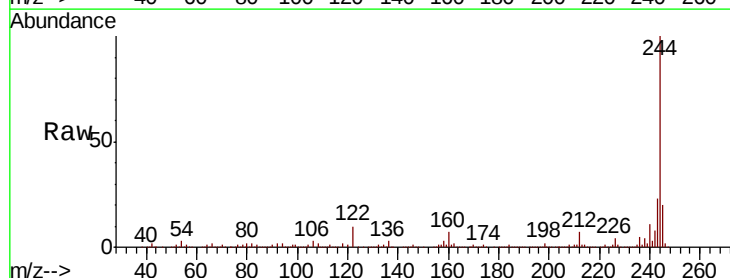
Tgt Ion:244 Resp: 1606012

Ion Ratio Lower Upper

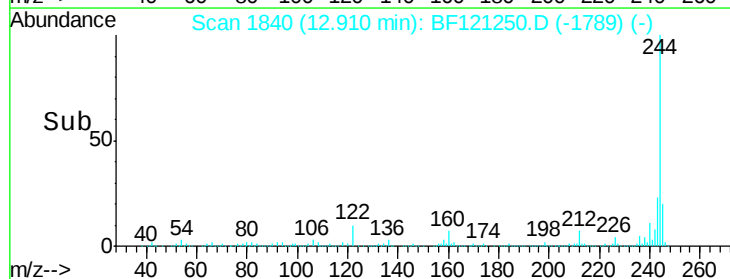
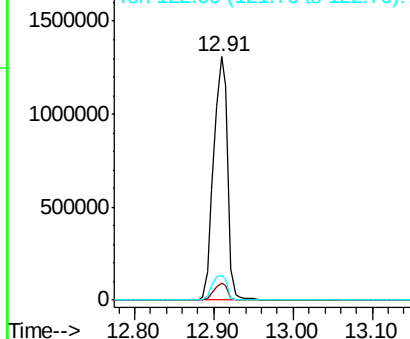
244 100

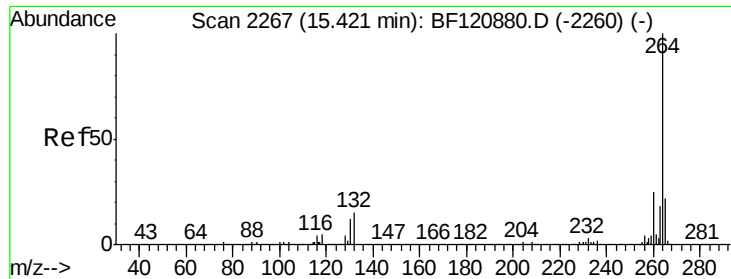
212 7.1 5.7 8.5

122 10.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121250.D
Acq: 11 Aug 2020 20:24

Instrument :
BNA_F
ClientSampleId :
SS-TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.2	17.8	26.8

