

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120782.D
 Acq On : 7 Jul 2020 12:46
 Operator : JU/CG
 Sample : L3215-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Jul 07 15:47:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139952	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	544898	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	277825	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	523090	20.00	ng	0.00
76) Chrysene-d12	14.00	240	442947	20.00	ng	0.00
86) Perylene-d12	15.47	264	402309	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	734531	81.02	ng	0.00
7) Phenol-d6	6.46	99	648209	55.99	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1094924	116.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	484682	173.65	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1790272	97.49	ng	0.00
79) Terphenyl-d14	12.96	244	2305942	101.93	ng	0.00

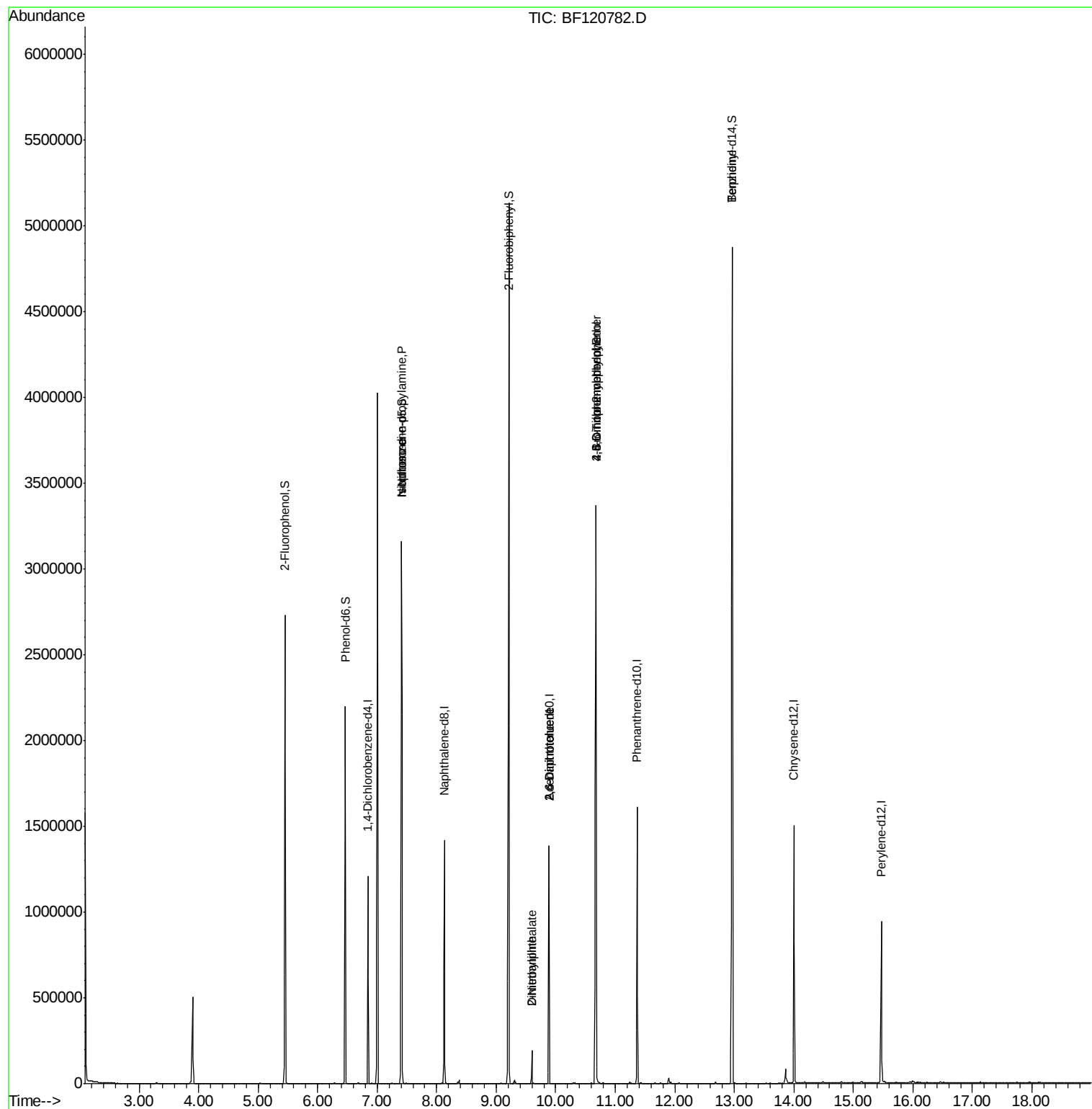
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	149746	21.481	ng	# 78
25) Isophorone	7.41	82	1094613	53.969	ng	# 64
48) 2-Nitroaniline	9.59	65	870	2.773	ng	# 1
50) Dimethylphthalate	9.60	163	64086	3.162	ng	# 98
51) 2,6-Dinitrotoluene	9.89	165	35347	10.637	ng	# 17
57) 2,4-Dinitrotoluene	9.89	165	35347	9.668	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	1246	7.491	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	28550	4.705	ng	# 1
77) Benzidine	12.96	184	34291	2.743	ng	# 94

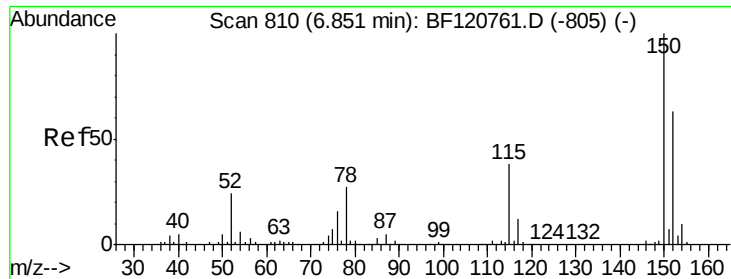
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120782.D
Acq On : 7 Jul 2020 12:46
Operator : JU/CG
Sample : L3215-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Time: Jul 07 15:47:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

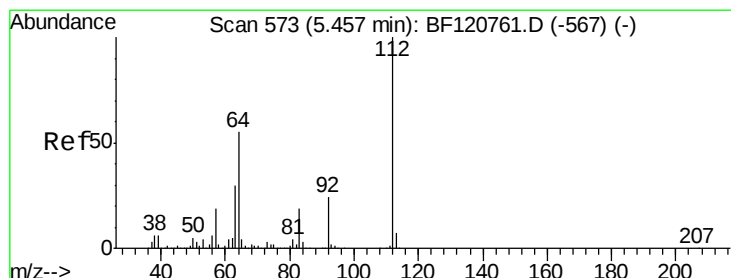
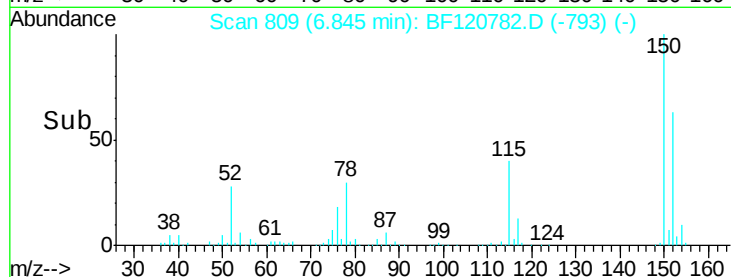
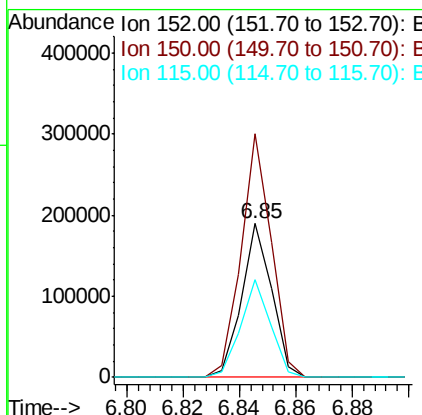
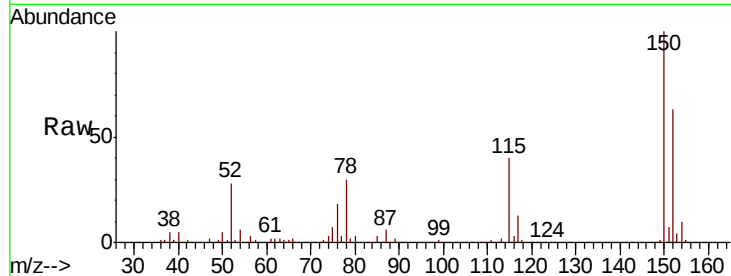




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120782.D
 Acq: 7 Jul 2020 12:46

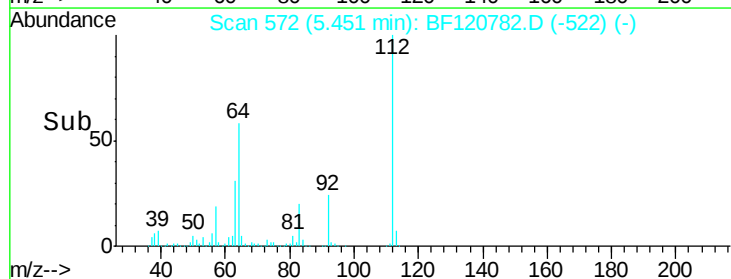
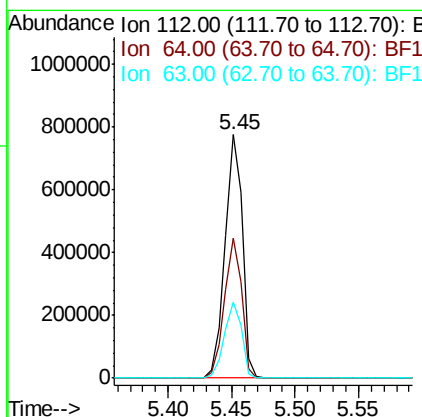
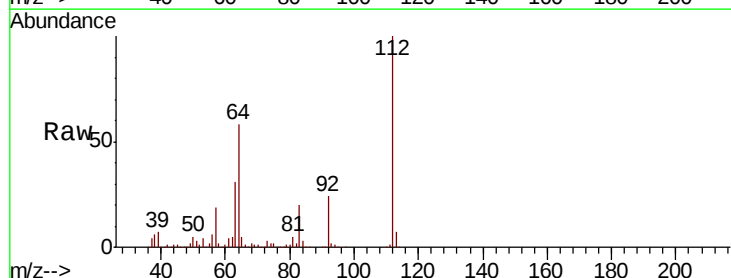
Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion:152 Resp: 139952
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.1 189.1
 115 63.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 81.018 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF120782.D
 Acq: 7 Jul 2020 12:46

Tgt Ion:112 Resp: 734531
 Ion Ratio Lower Upper
 112 100
 64 57.7 43.8 65.6
 63 31.3 23.6 35.4





#7

Phenol-d6

Concen: 55.986 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

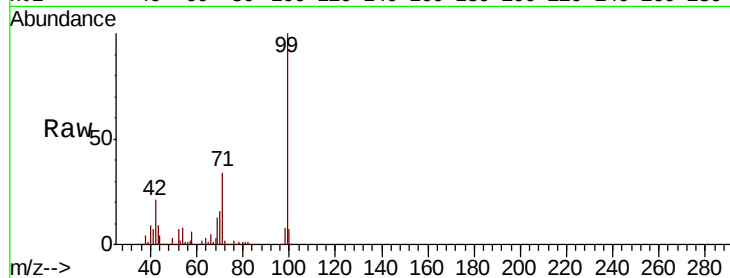
Tot Ion: 99 Resp: 648209

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

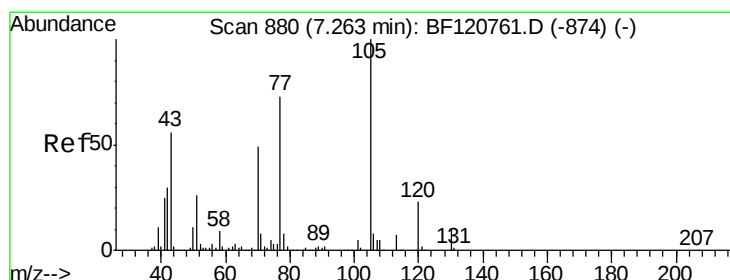
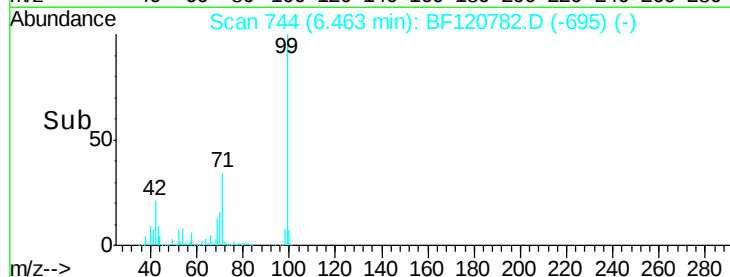
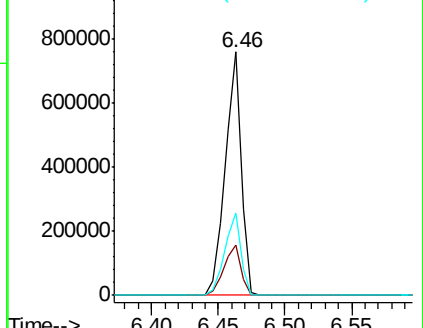
71 33.8 25.9 38.9



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: 21.481 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Tgt Ion: 70 Resp: 149746

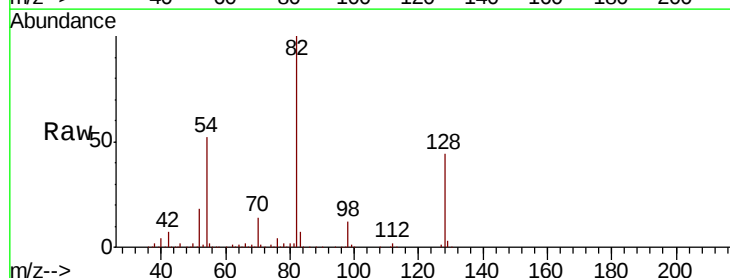
Ion Ratio Lower Upper

70 100

42 50.6 50.3 75.5

101 0.0 7.5 11.3#

130 2.2 16.1 24.1#

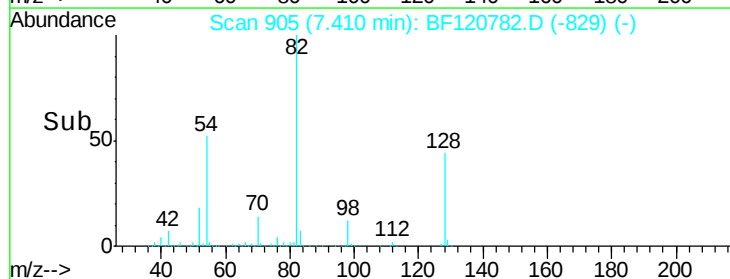
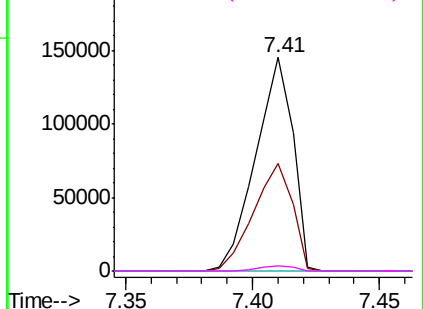


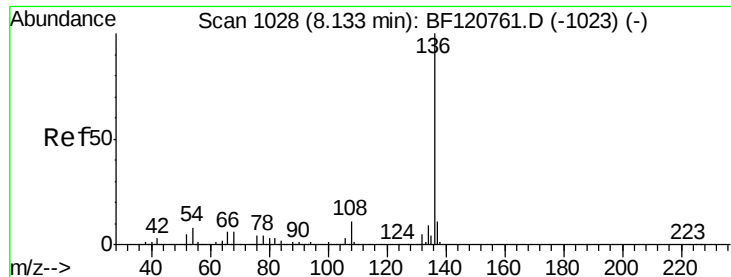
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

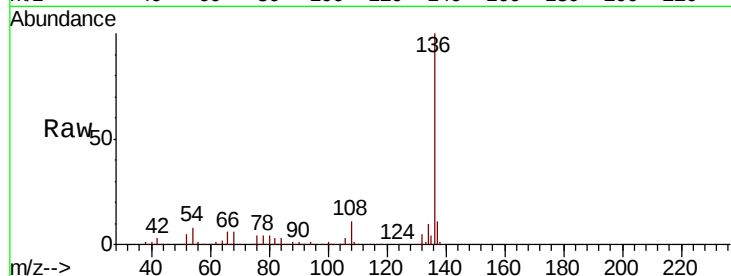




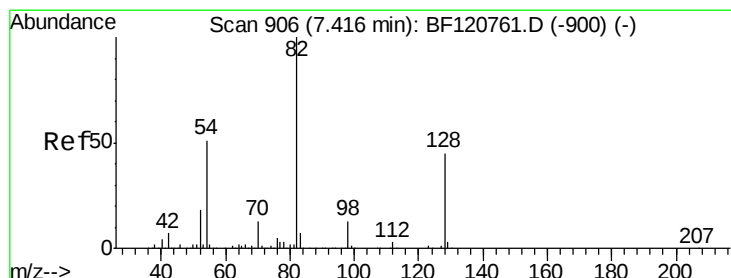
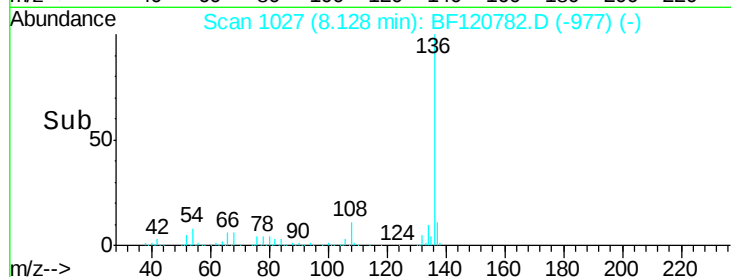
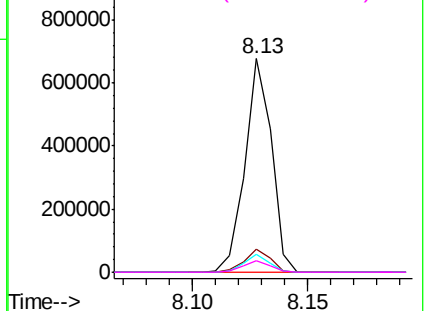
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion:136	Resp:	544898	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.6	
54 8.2	6.2	9.4	
68 5.6	4.7	7.1	

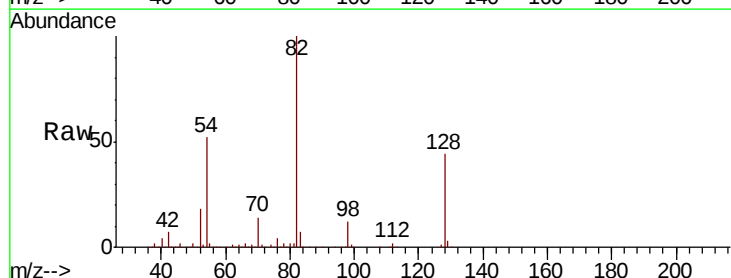


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

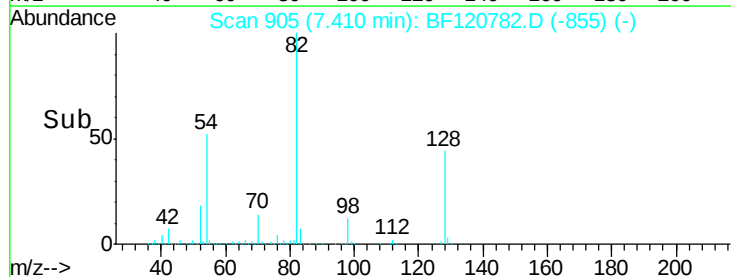
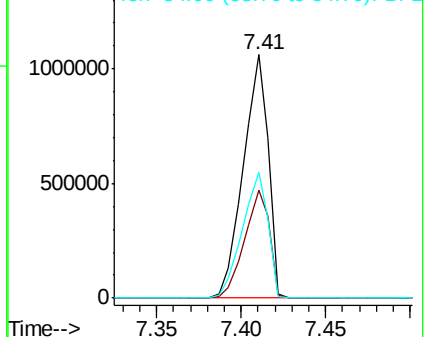


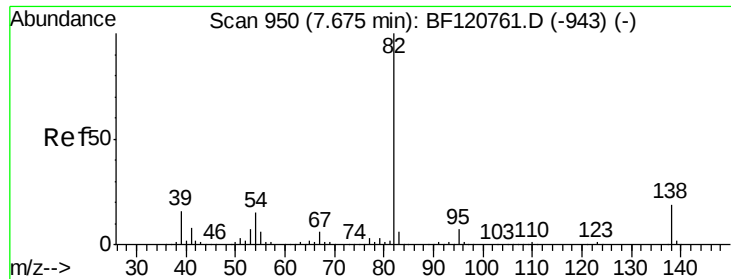
#23
Nitrobenzene-d5
Concen: 116.421 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Tgt Ion: 82	Resp: 1094924
Ion Ratio	Lower Upper
82 100	
128 44.4	35.7 53.5
54 51.5	40.9 61.3



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: 53.969 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

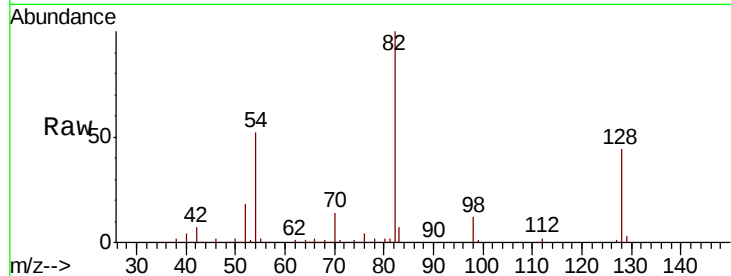
Tot Ion: 82 Resp: 1094613

Ion Ratio Lower Upper

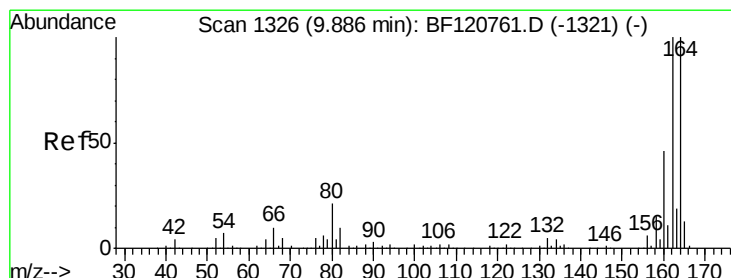
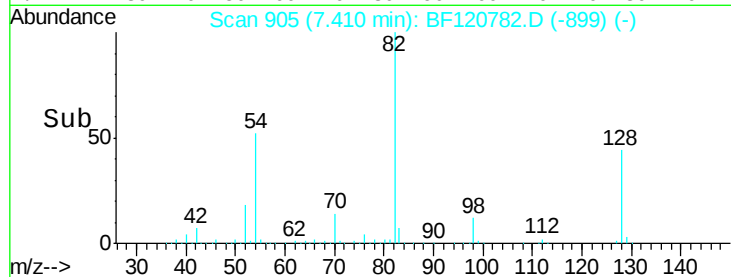
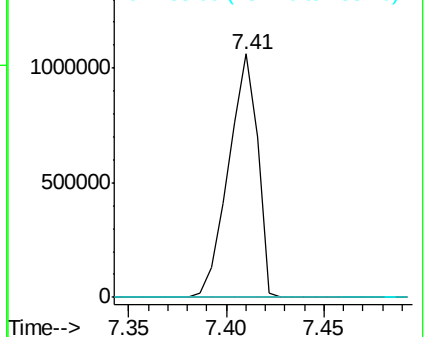
82 100

95 0.0 5.4 8.2#

138 0.0 15.0 22.4#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

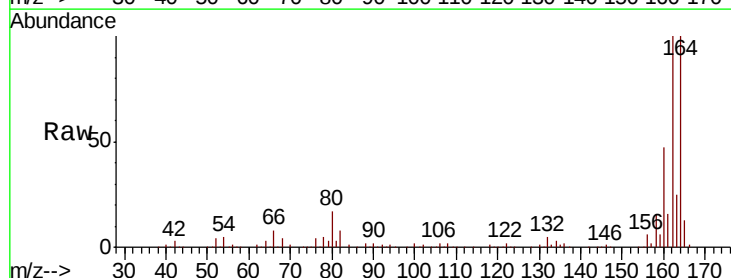
Tgt Ion: 164 Resp: 277825

Ion Ratio Lower Upper

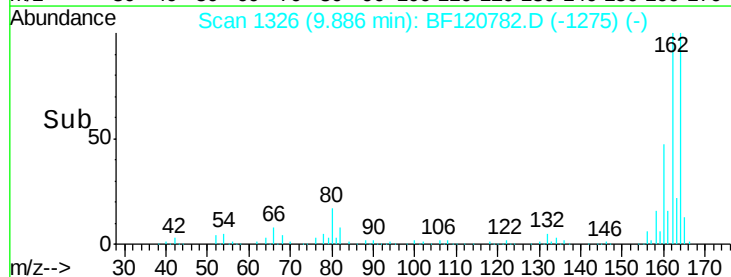
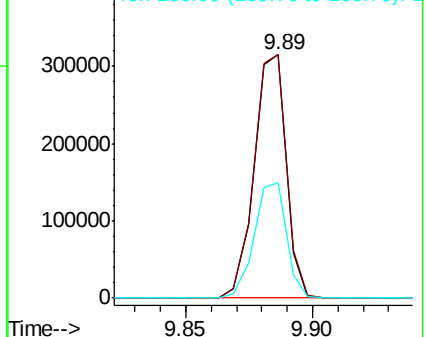
164 100

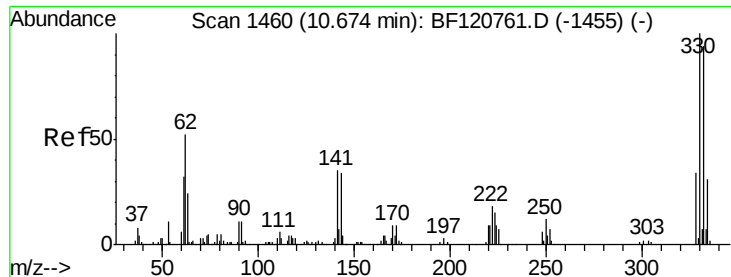
162 100.1 80.2 120.2

160 47.5 36.9 55.3



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: 173.649 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

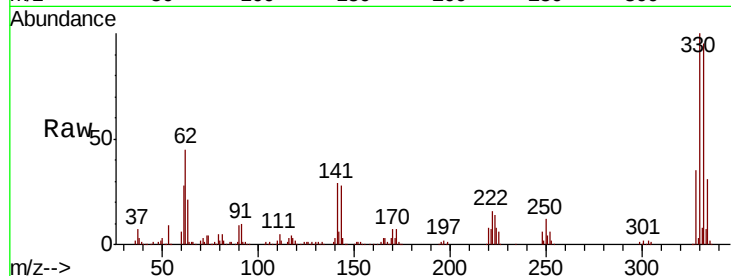
Tot Ion:330 Resp: 484682

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

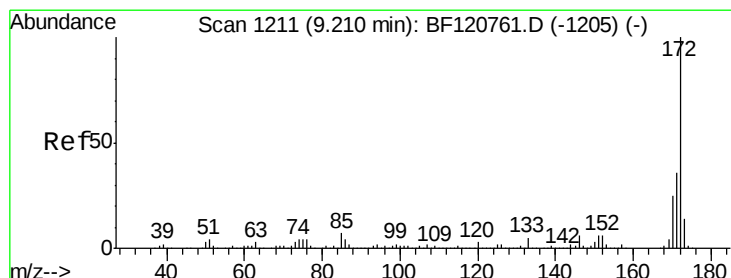
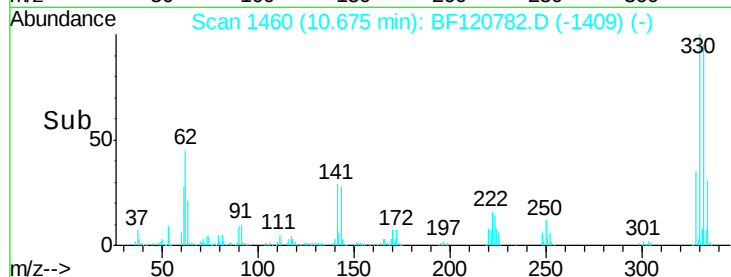
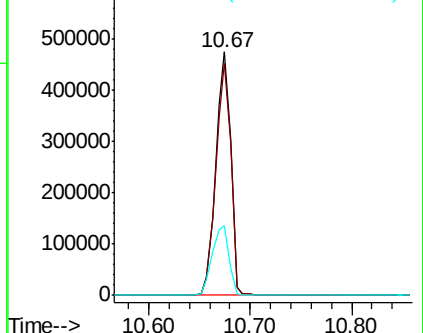
141 32.6 29.7 44.5



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: 97.492 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

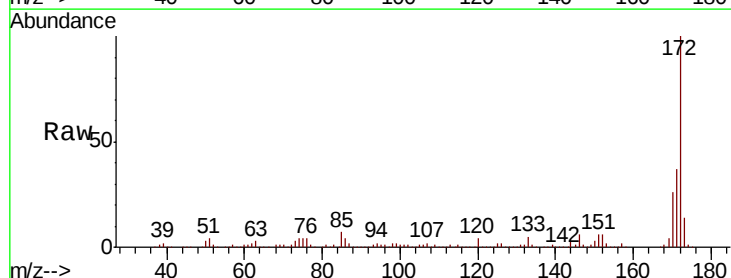
Tgt Ion:172 Resp: 1790272

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

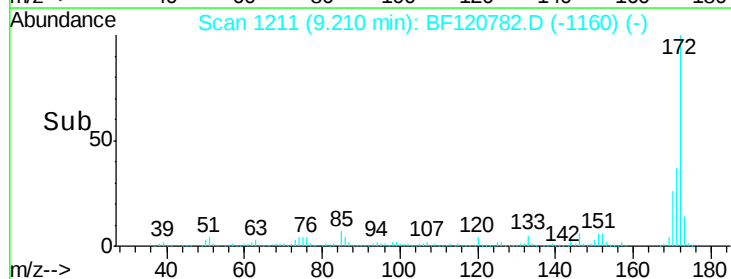
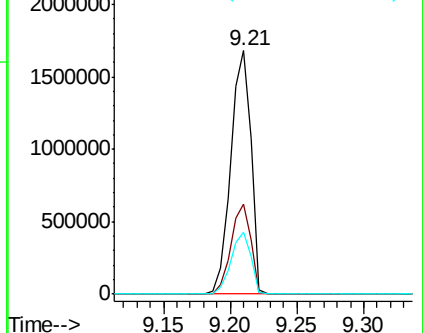
170 25.6 19.8 29.6

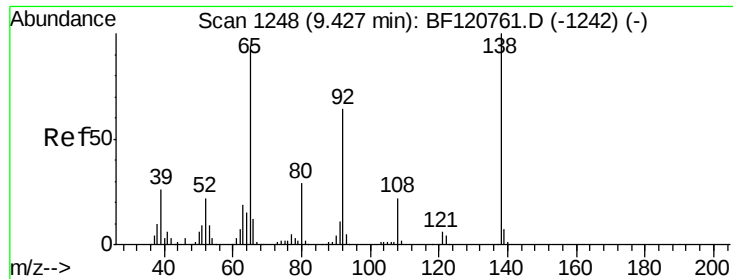


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

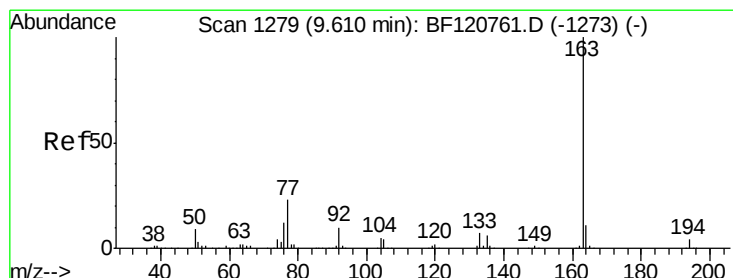
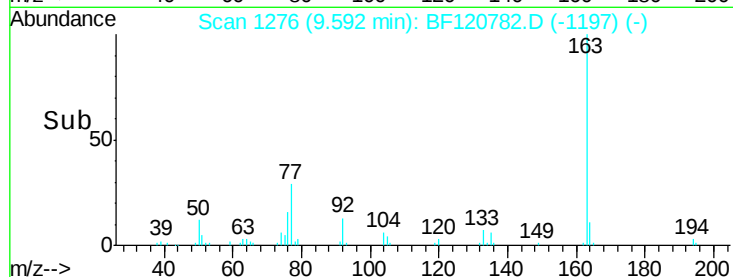
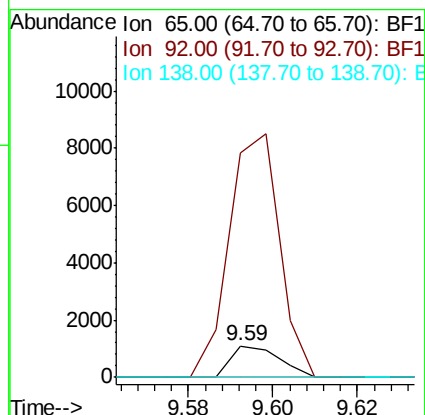
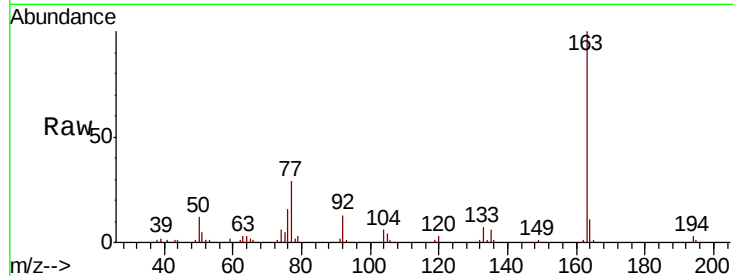




#48
2-Nitroaniline
Concen: 2.773 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.17 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

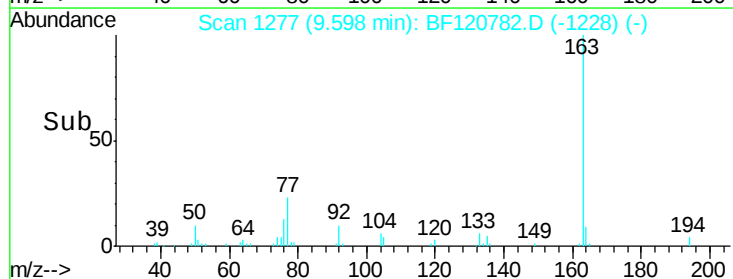
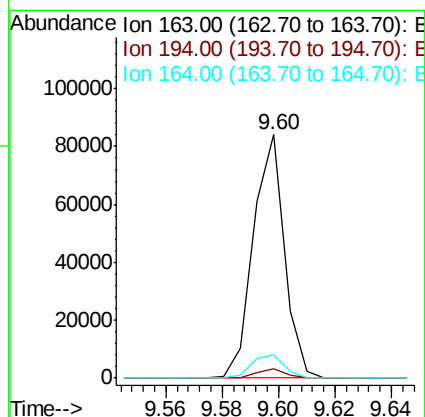
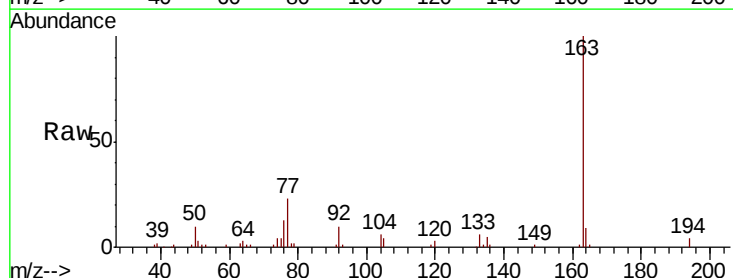
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

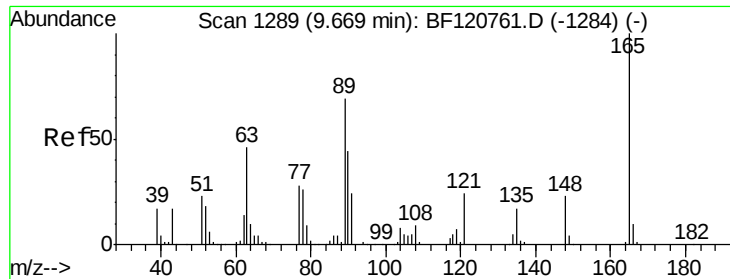
Tot Ion: 65 Resp: 870
Ion Ratio Lower Upper
65 100
92 718.7 54.4 81.6#
138 0.0 84.7 127.1#



#50
Dimethylphthalate
Concen: 3.162 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Tgt Ion:163 Resp: 64086
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.5 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 10.637 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.22 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

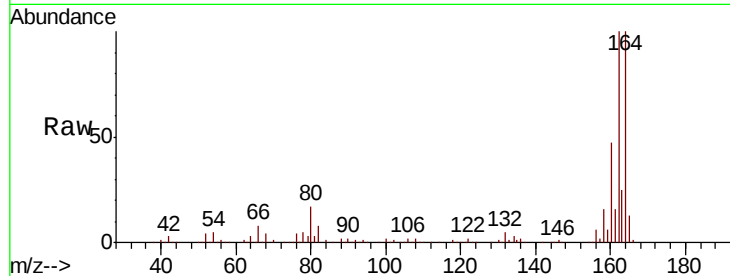
Tot Ion:165 Resp: 35347

Ion Ratio Lower Upper

165 100

63 0.9 54.0 81.0#

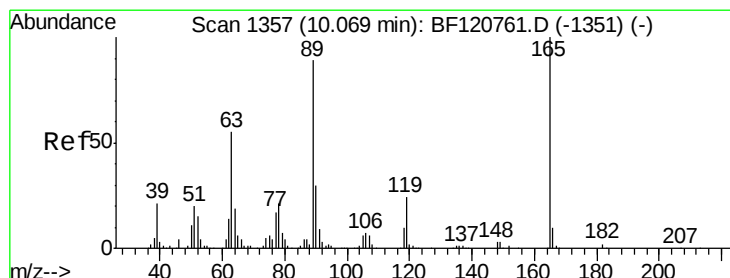
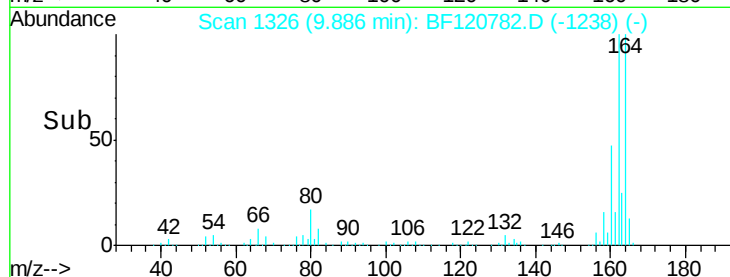
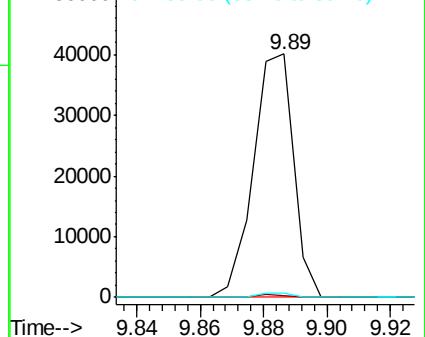
89 1.6 55.4 83.2#



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: 9.668 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.18 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Tgt Ion:165 Resp: 35347

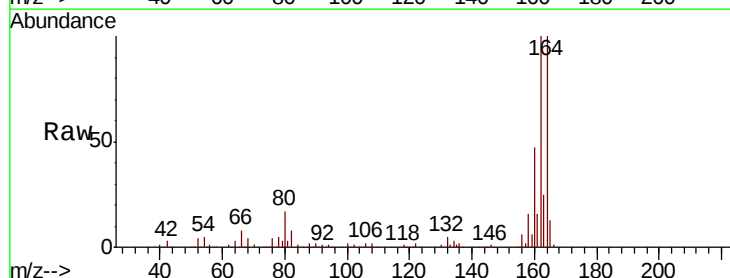
Ion Ratio Lower Upper

165 100

63 0.9 43.8 65.8#

89 1.6 71.4 107.2#

182 0.0 1.8 2.6#

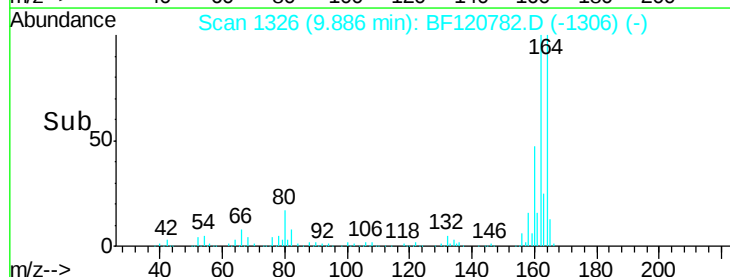
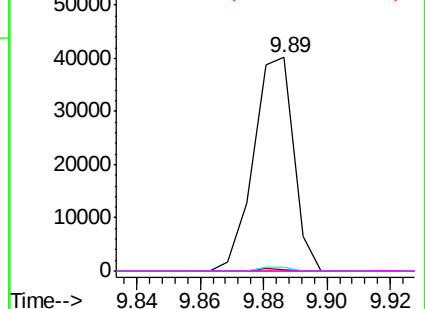


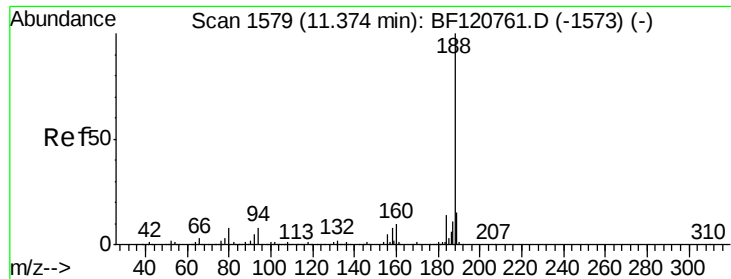
Abundance Ion 165.00 (164.70 to 165.70): E

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

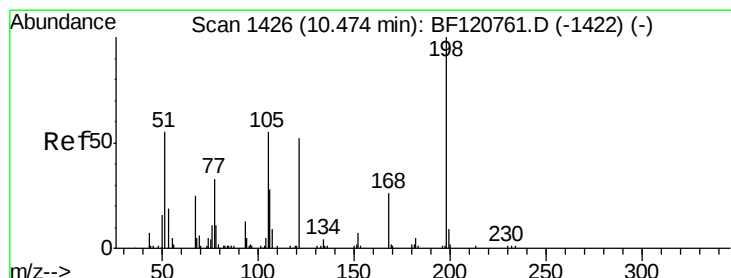
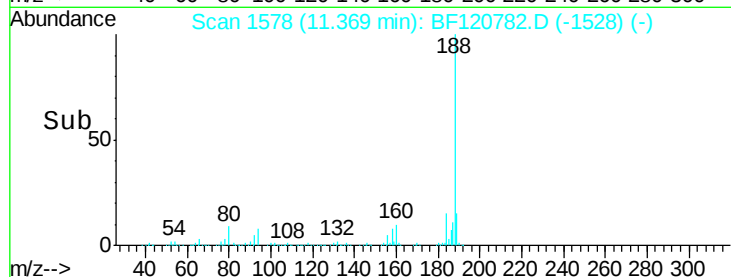
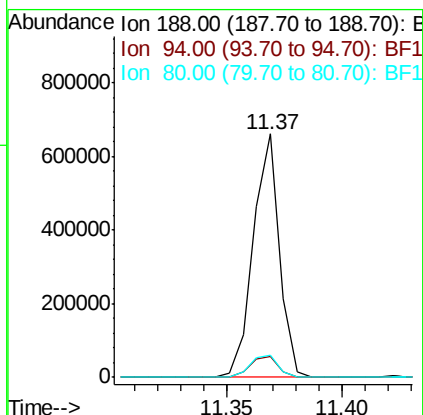
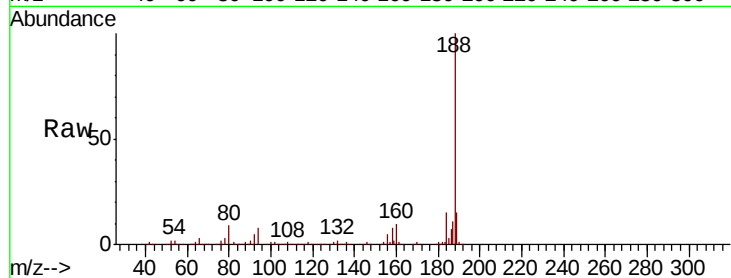




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

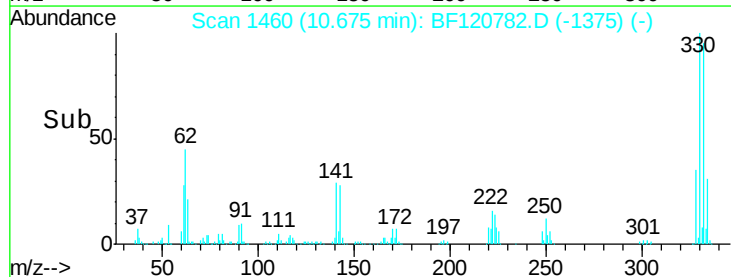
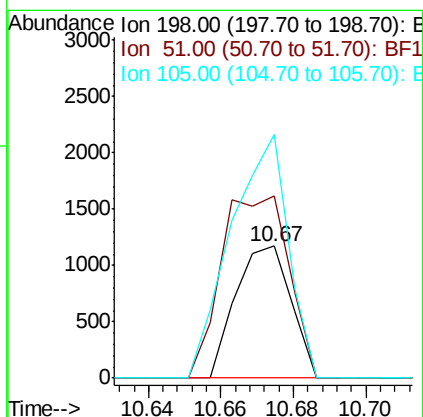
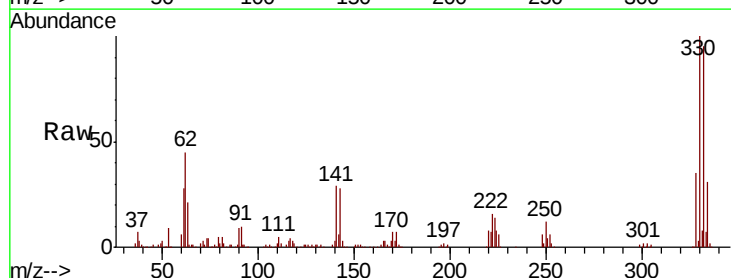
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

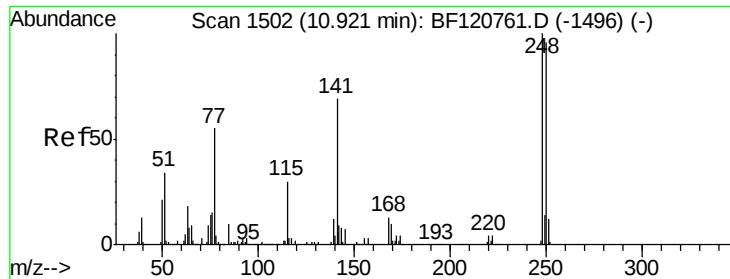
Tot Ion:188 Resp: 523090
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 8.9 6.6 10.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.491 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.20 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Tgt Ion:198 Resp: 1246
Ion Ratio Lower Upper
198 100
51 137.9 50.0 90.0#
105 184.7 38.3 78.3#

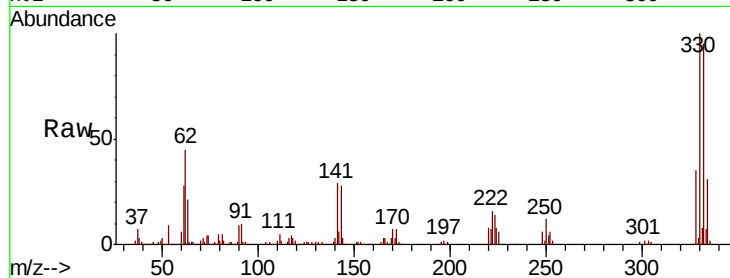




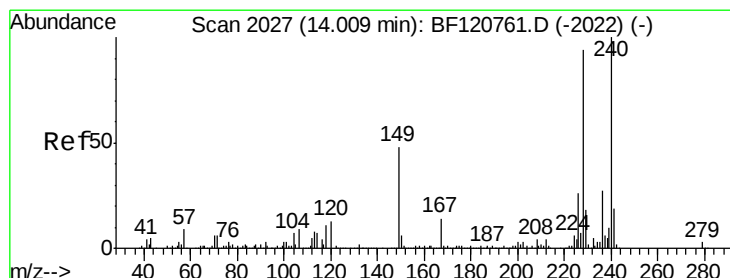
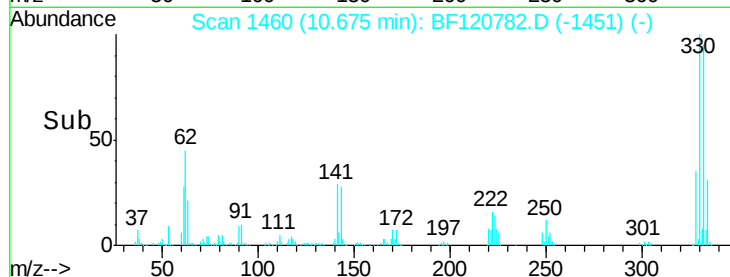
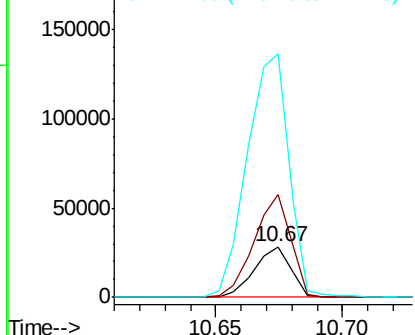
#67
4-Bromophenyl-phenylether
Concen: 4.705 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion:248 Resp: 28550
Ion Ratio Lower Upper
248 100
250 203.9 76.5 114.7#
141 483.2 54.9 82.3#

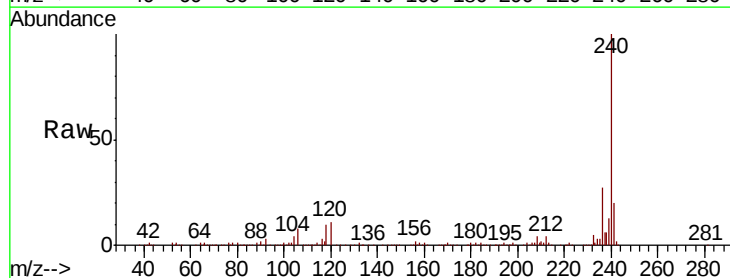


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

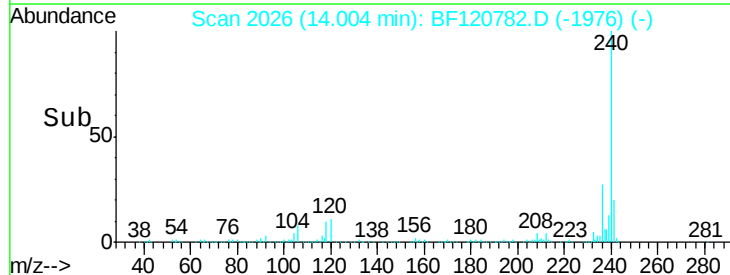
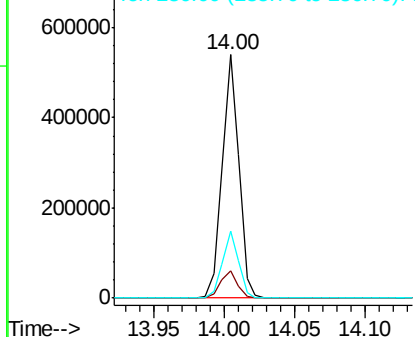


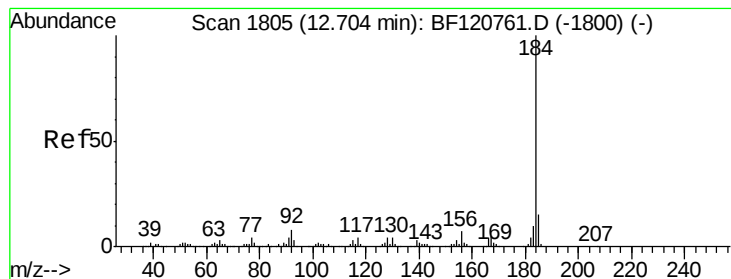
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Tgt Ion:240 Resp: 442947
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 27.3 21.4 32.2



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





#77

Benzidine

Concen: 2.743 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.26 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

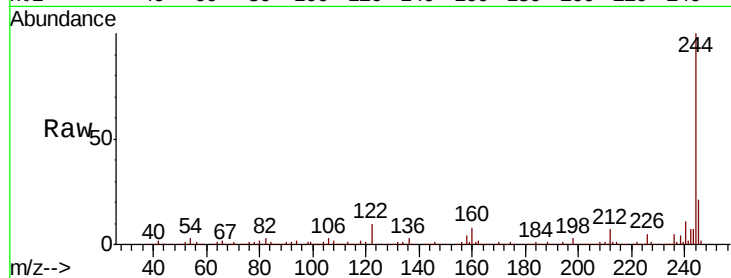
Tot Ion:184 Resp: 34291

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

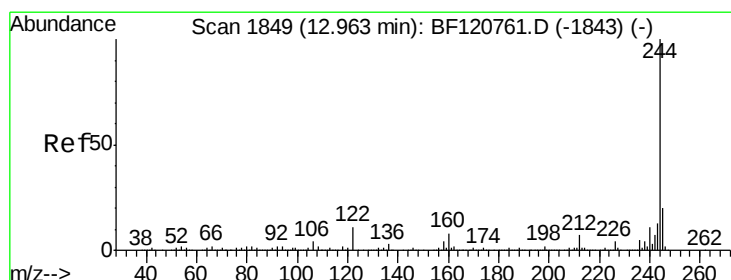
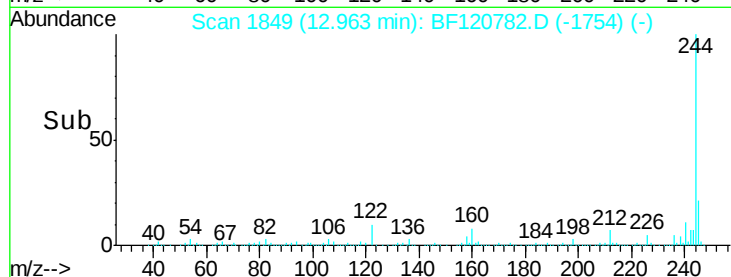
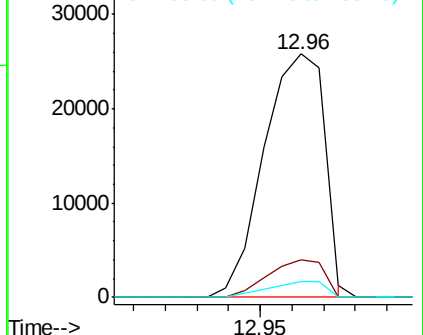
183 6.3 8.3 12.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 101.926 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

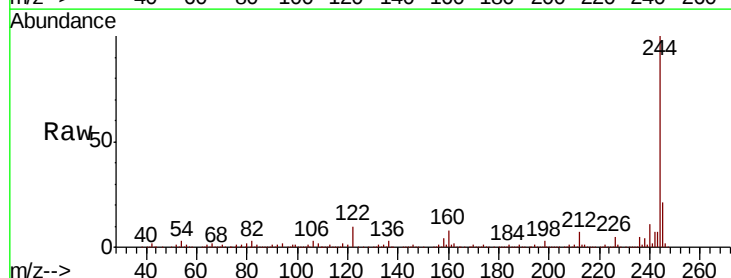
Tgt Ion:244 Resp: 2305942

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

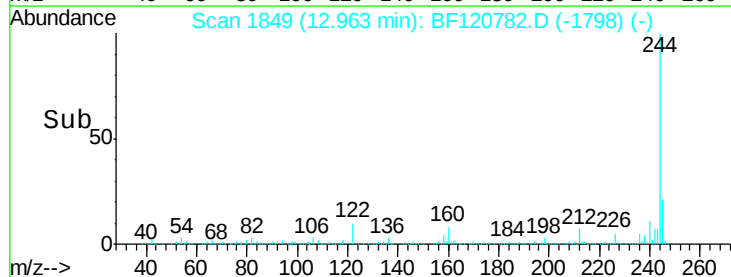
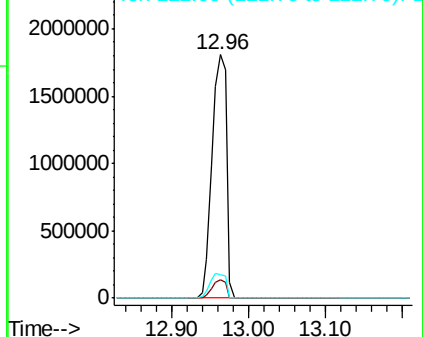
122 9.6 9.0 13.4

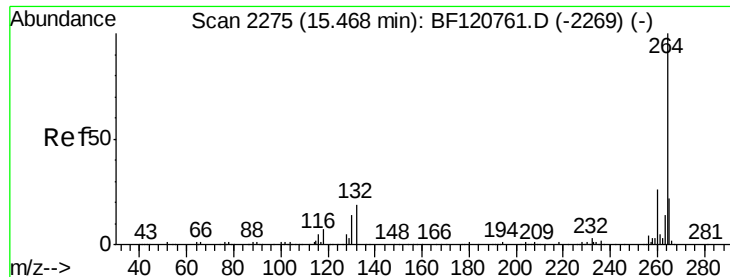


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

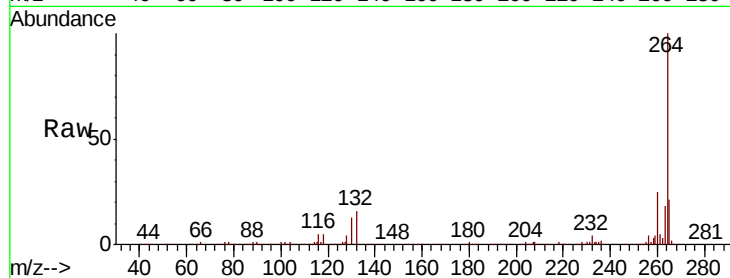




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF120782.D
 Acq: 7 Jul 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.2	17.6	26.4



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

