

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120349.D
 Acq On : 18 May 2020 18:39
 Operator : MA/SJ
 Sample : L2682-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:22:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	294444	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	510894	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	440294	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	755346	20.00	ng	0.04
76) Chrysene-d12	13.77	240	460499	20.00	ng	0.01
87) Perylene-d12	15.15	264	491158	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	557526	36.84	ng	0.02
7) Phenol-d6	6.53	99	144018	7.53	ng	0.27
23) Nitrobenzene-d5	7.20	82	1470068	197.01	ng	0.02
42) 2,4,6-Tribromophenol	10.48	330	167642	46.70	ng	0.05
45) 2-Fluorobiphenyl	8.98	172	2335172	108.96	ng	0.01
79) Terphenyl-d14	12.73	244	1759103	84.39	ng	0.02

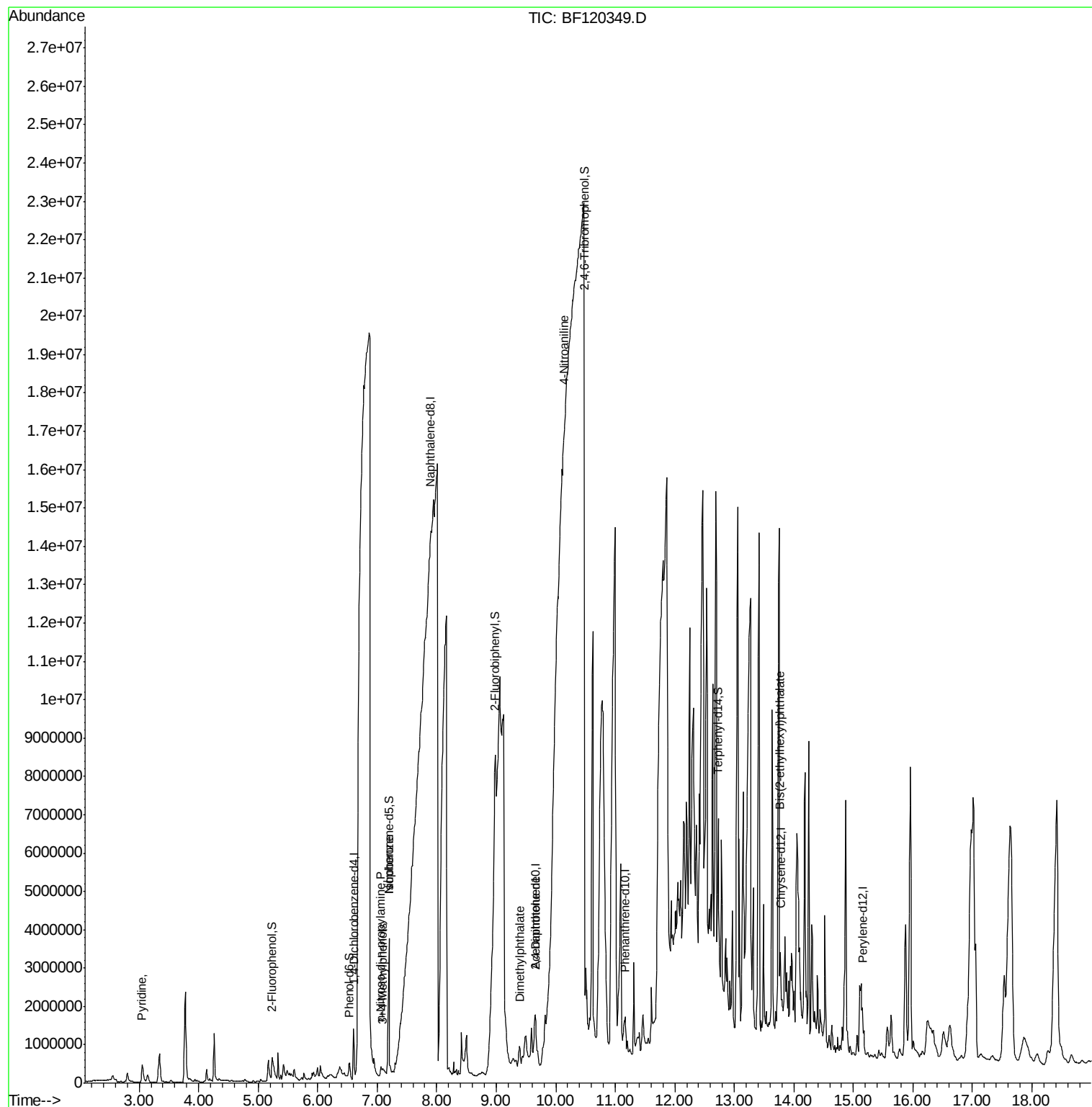
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.05	79	172665	9.125	ng	# 1
19) n-Nitroso-di-n-propylamine	7.06	70	39100	3.119	ng	# 49
20) 3+4-Methylphenols	7.09	107	45242	2.336	ng	# 82
25) Isophorone	7.20	82	1471848	94.799	ng	# 65
50) Dimethylphthalate	9.39	163	521224	18.727	ng	# 99
57) 2,4-Dinitrotoluene	9.65	165	63960	8.777	ng	# 22
62) 4-Nitroaniline	10.14	138	325523	47.190	ng	# 30
84) Bis(2-ethylhexyl)phthalate	13.76	149	48874	2.541	ng	# 92

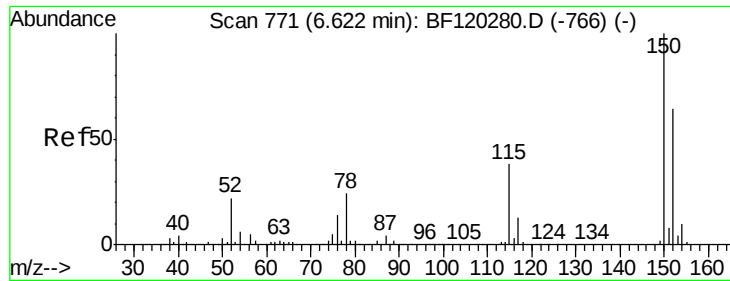
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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ClientSampled :

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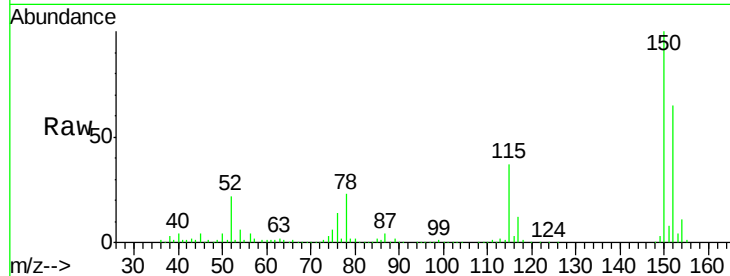


#1

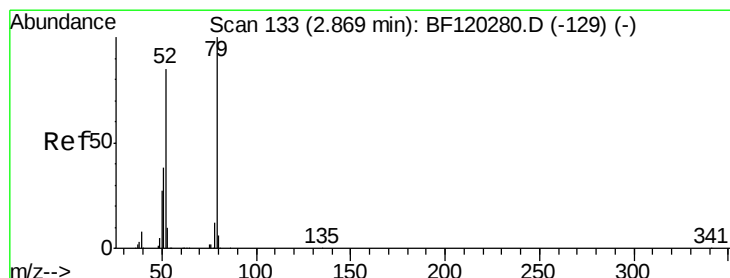
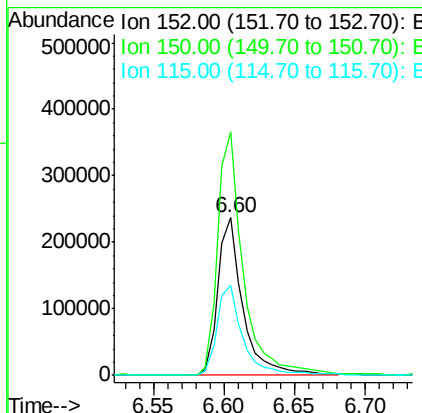
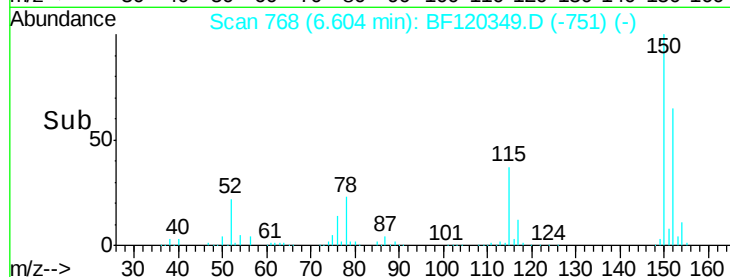
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120349.D
Acq: 18 May 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 294444
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 56.8 47.9 71.9



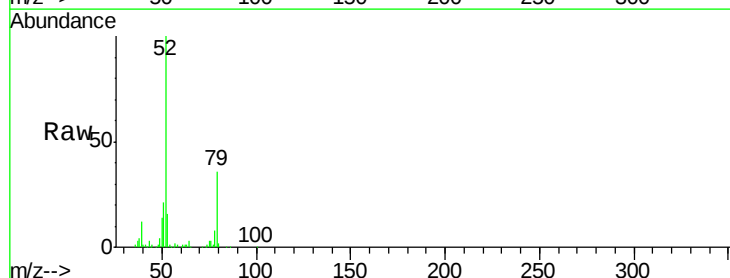
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



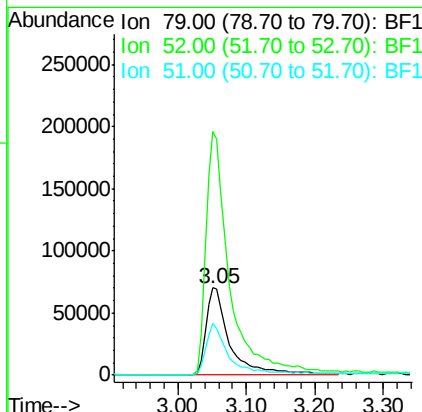
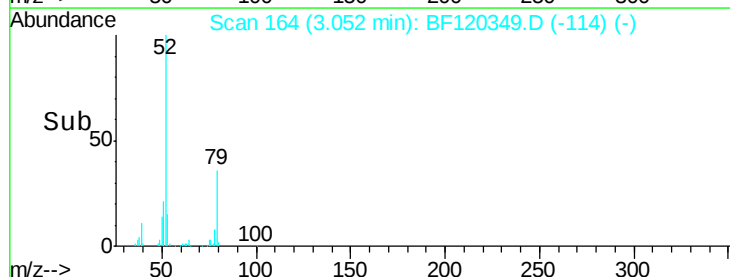
#3

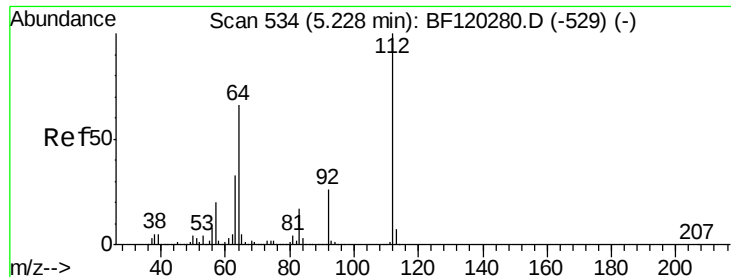
Pyridine
Concen: 9.125 ng
RT: 3.05 min Scan# 164
Delta R.T. 0.19 min
Lab File: BF120349.D
Acq: 18 May 2020 18:39

Tgt Ion: 79 Resp: 172665
Ion Ratio Lower Upper
79 100
52 278.8 68.4 102.6#
51 58.4 31.0 46.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 36.842 ng

RT: 5.23 min Scan# 535

Delta R.T. 0.02 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

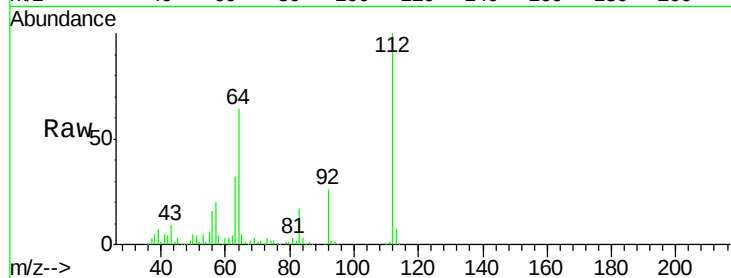
Tot Ion:112 Resp: 557526

Ion Ratio Lower Upper

112 100

64 64.5 52.7 79.1

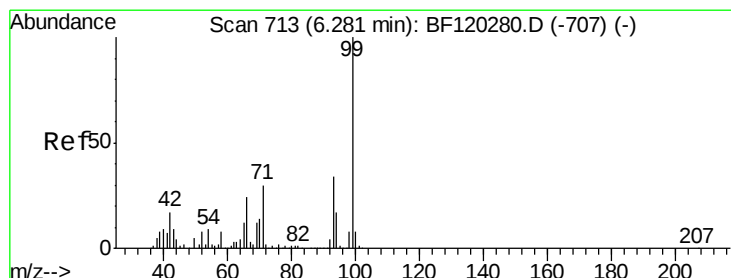
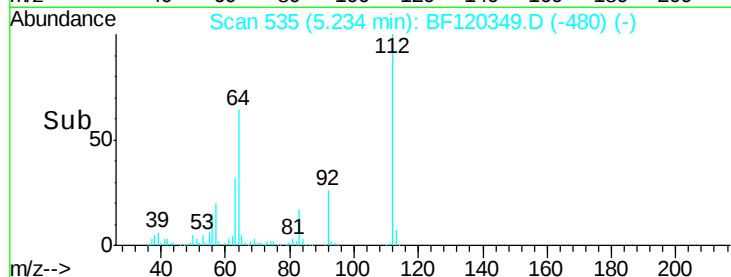
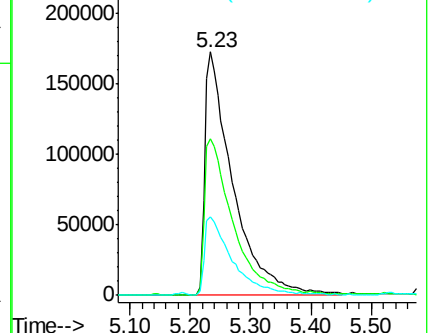
63 32.2 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 7.526 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.27 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

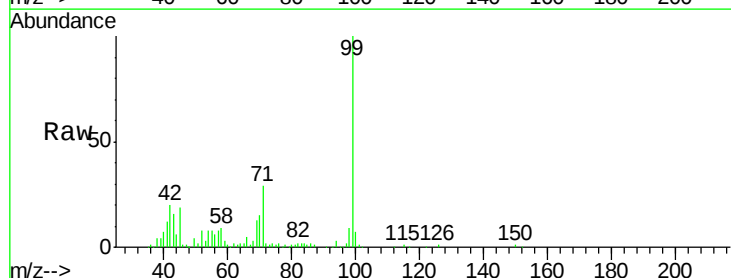
Tgt Ion: 99 Resp: 144018

Ion Ratio Lower Upper

99 100

42 19.7 13.6 20.4

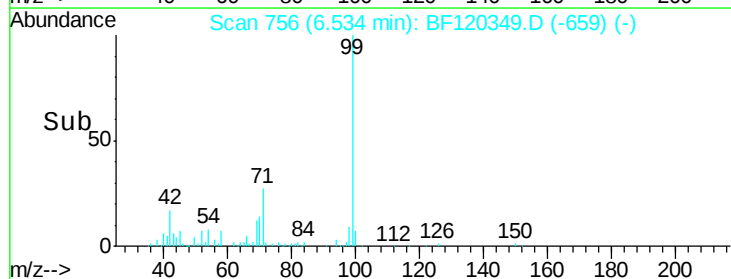
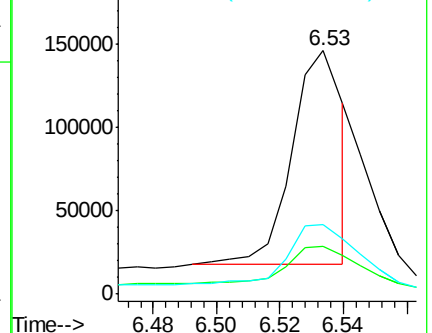
71 28.5 24.2 36.4

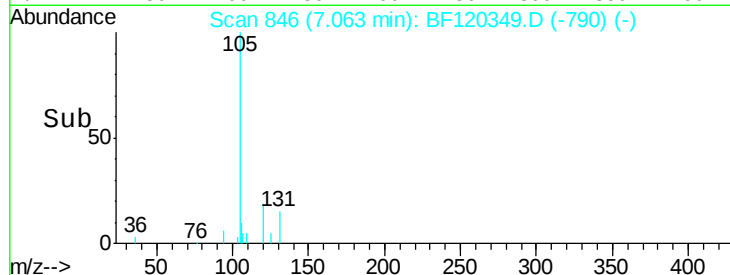
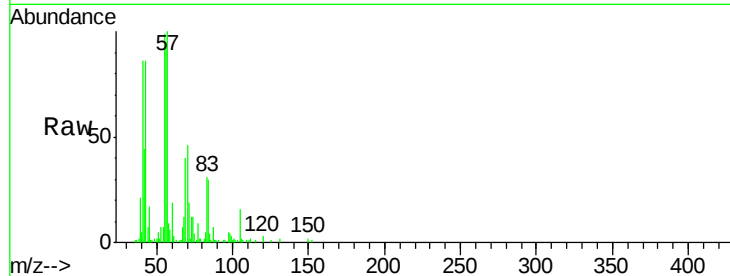
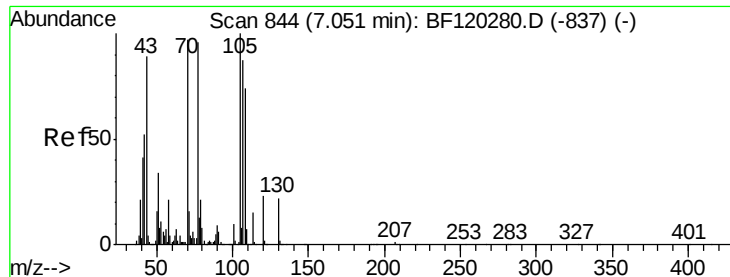


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

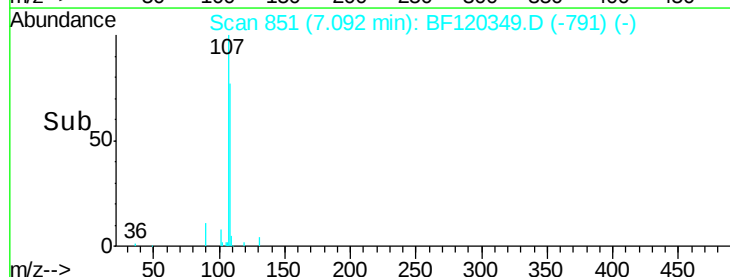
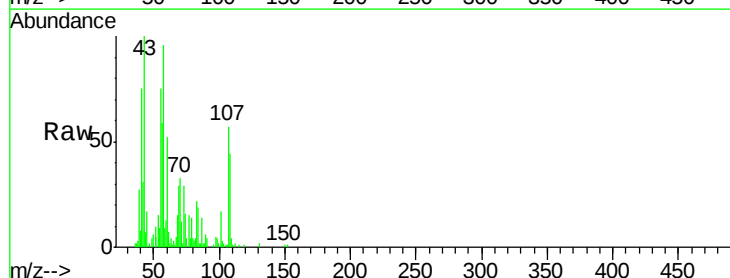
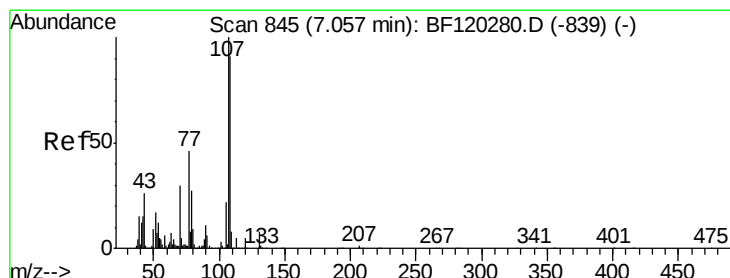
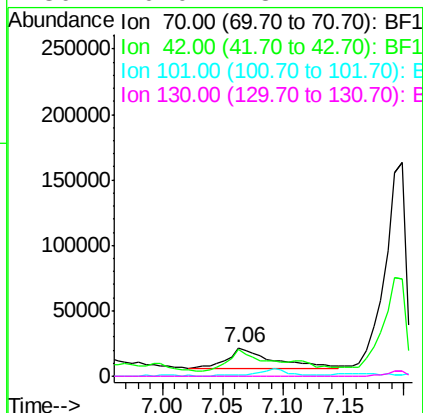




#19
n-Nitroso-di-n-propylamine
Concen: 3.119 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.03 min
Lab File: BF120349.D
Acq: 18 May 2020 18:39

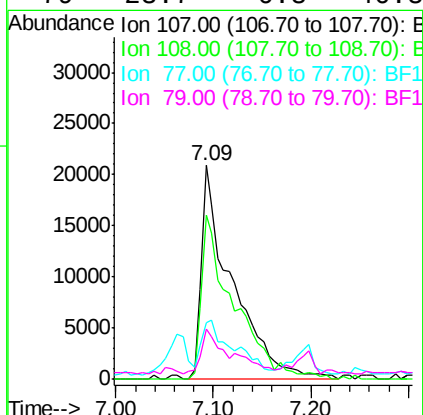
Instrument :
BNA_F
ClientSampled :

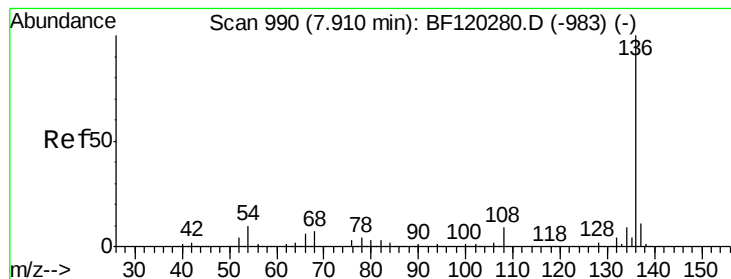
Tot Ion	Ratio	Lower	Upper
70	100		
42	97.1	43.4	65.0#
101	4.9	7.8	11.8#
130	0.0	18.2	27.4#



#20
3+4-Methylphenols
Concen: 2.336 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.05 min
Lab File: BF120349.D
Acq: 18 May 2020 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	76.8	71.1	111.1
77	26.6	28.1	68.1#
79	23.7	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 510894

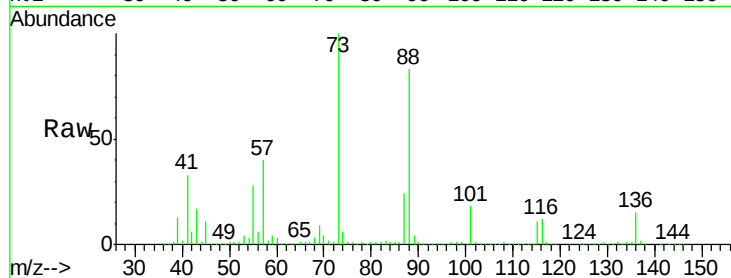
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 17.9 7.9 11.9#

68 18.2 5.4 8.2#

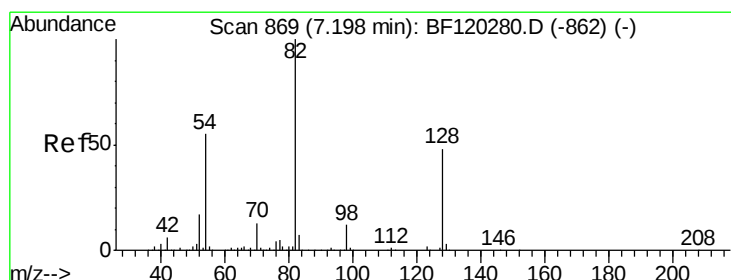
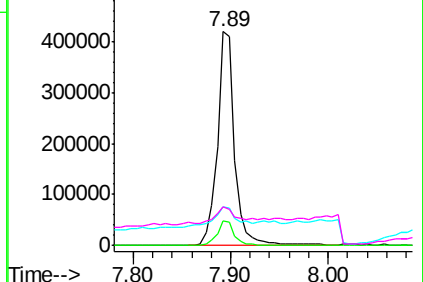
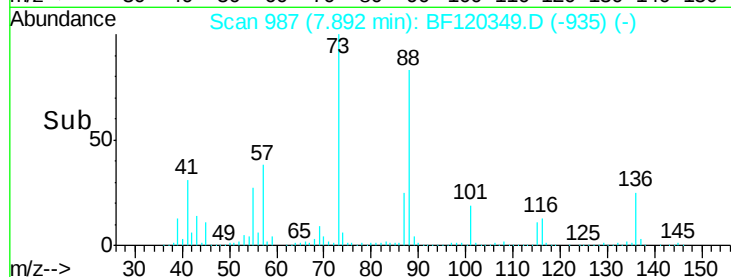


Abundance Ion 136.00 (135.70 to 136.70): E

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: 197.008 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

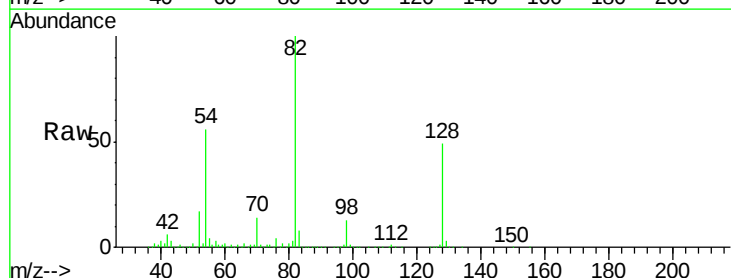
Tgt Ion: 82 Resp: 1470068

Ion Ratio Lower Upper

82 100

128 49.3 38.3 57.5

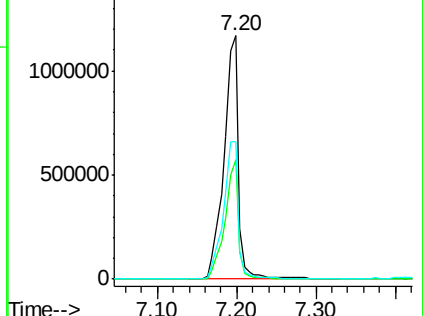
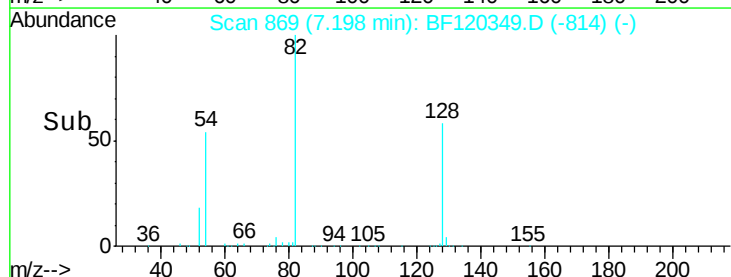
54 56.4 43.9 65.9

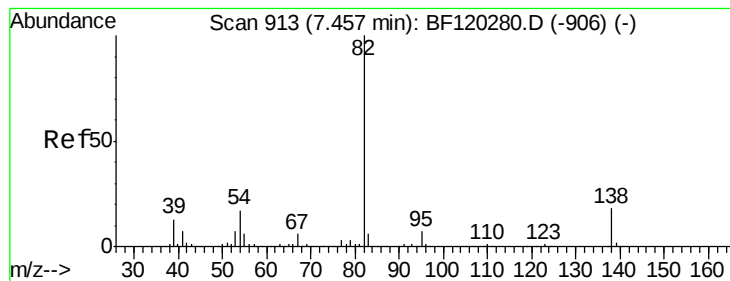


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 94.799 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.24 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

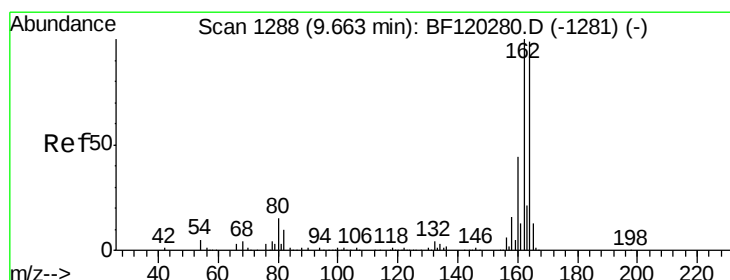
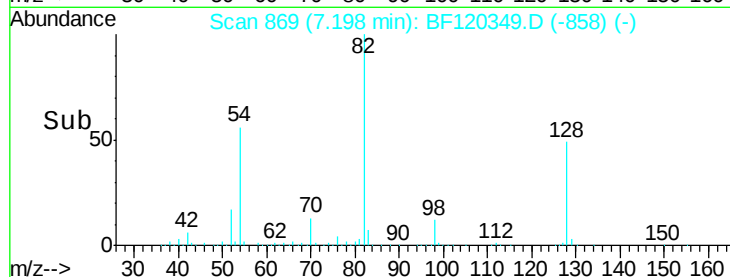
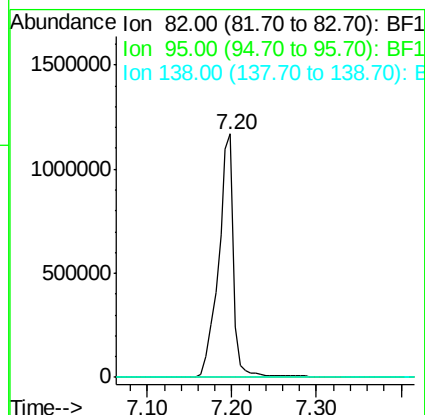
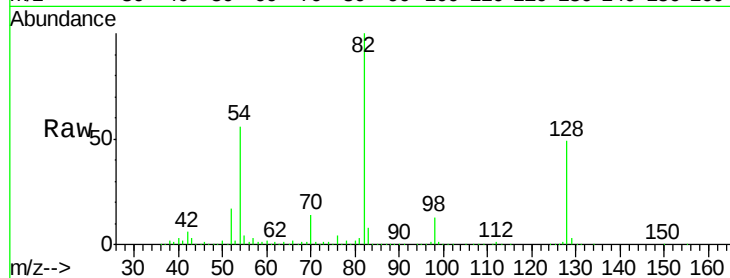
Tot Ion: 82 Resp: 1471848

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 14.7 22.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

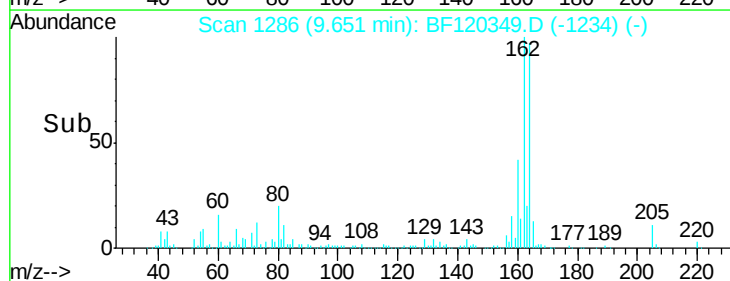
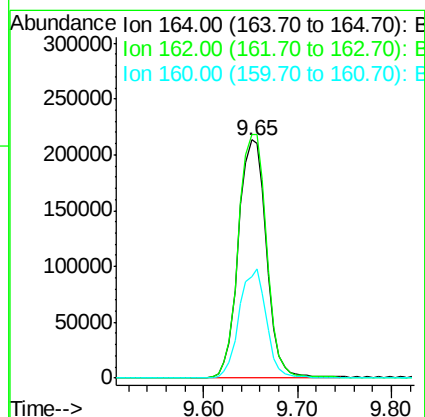
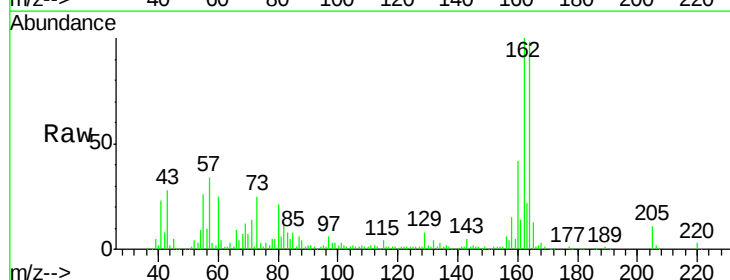
Tgt Ion: 164 Resp: 440294

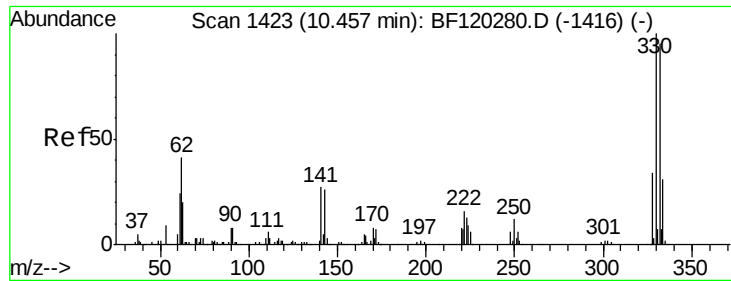
Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 42.9 35.8 53.6

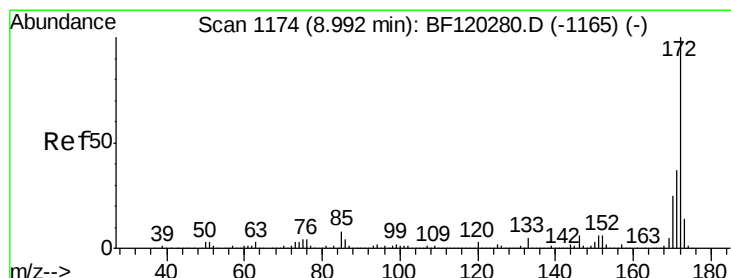
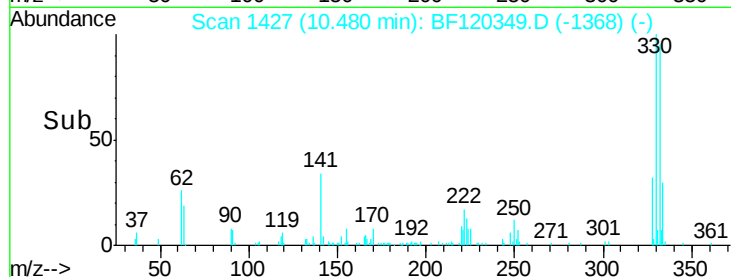
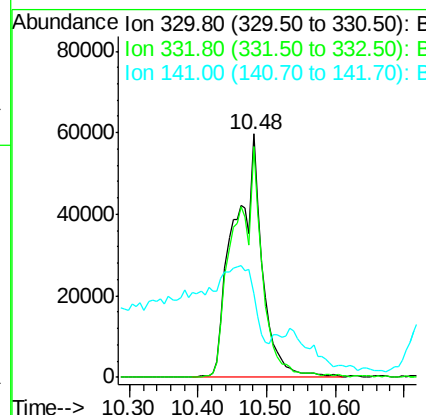
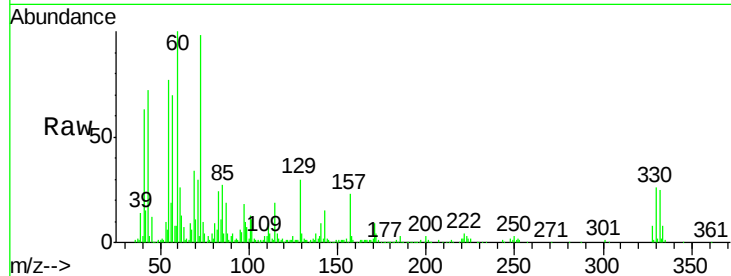




#42
 2,4,6-Tribromophenol
 Concen: 46.698 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.05 min
 Lab File: BF120349.D
 Acq: 18 May 2020 18:39

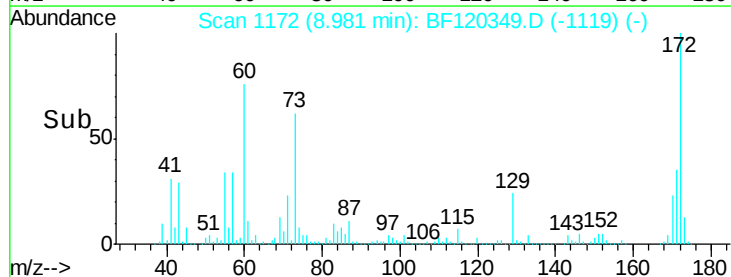
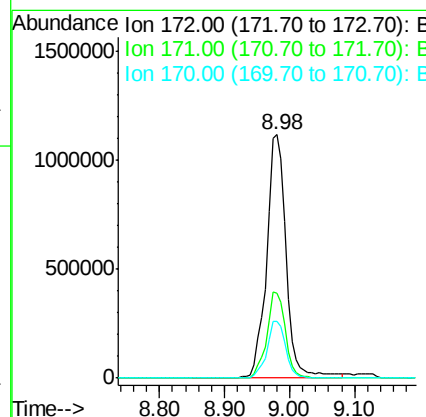
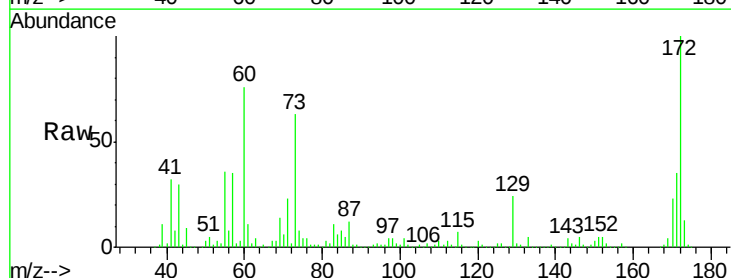
Instrument :
 BNA_F
 ClientSampleId :

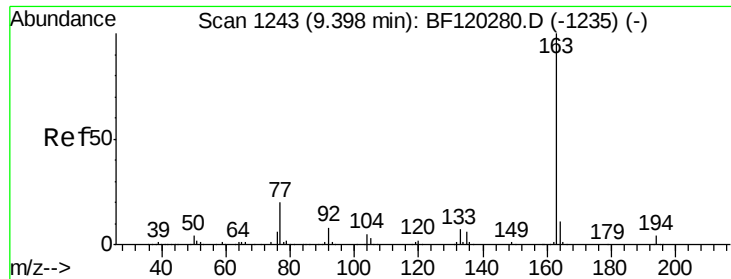
Tot Ion	330	332	141
Resp:	167642		
Ion Ratio	100	94.4	35.1
Lower		76.5	25.4
Upper		114.7	38.0



#45
 2-Fluorobiphenyl
 Concen: 108.962 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120349.D
 Acq: 18 May 2020 18:39

Tgt Ion	172	171	170
Resp:	2335172		
Ion Ratio	100	35.1	23.5
Lower		29.7	19.9
Upper		44.5	29.9





#50

Dimethylphthalate

Concen: 18.727 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

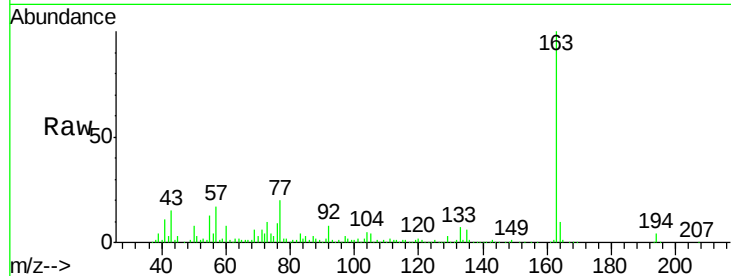
Tot Ion:163 Resp: 521224

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

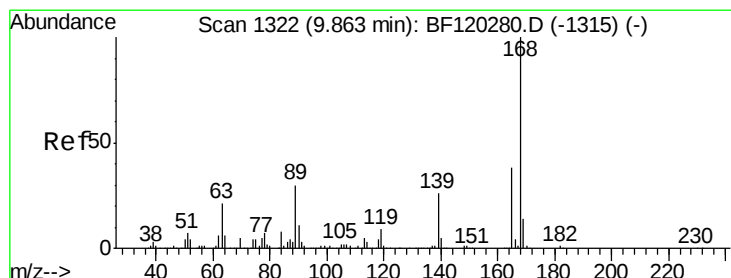
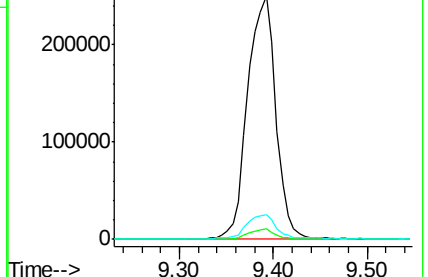
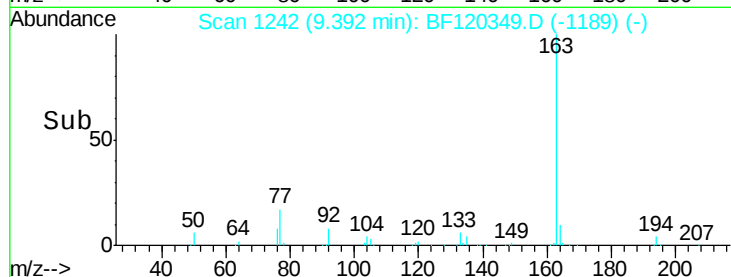
164 10.0 8.6 12.8



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: 8.777 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.19 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Tgt Ion:165 Resp: 63960

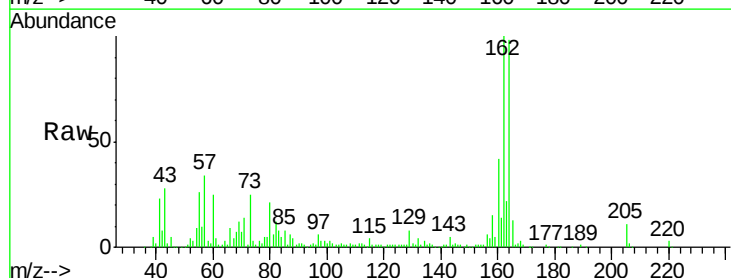
Ion Ratio Lower Upper

165 100

63 6.3 51.8 77.8#

89 6.3 64.2 96.4#

182 3.6 2.0 3.0#

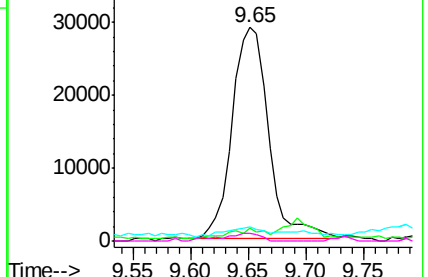
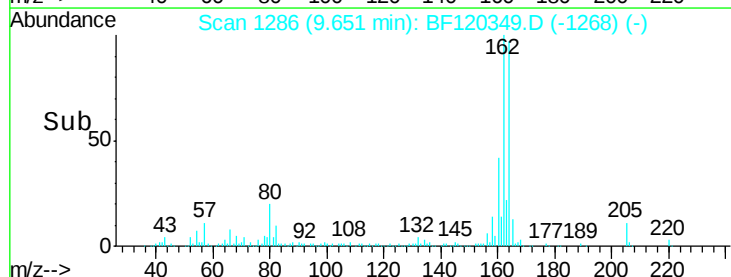


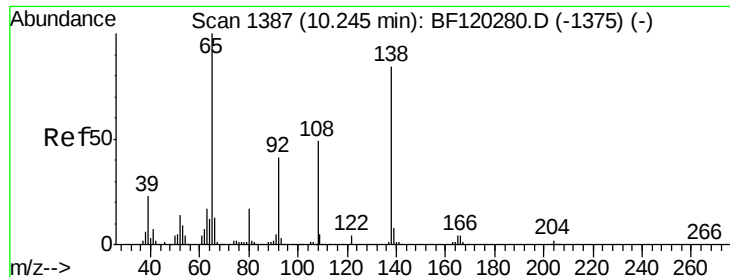
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

4-Nitroaniline

Concen: 47.190 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.09 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

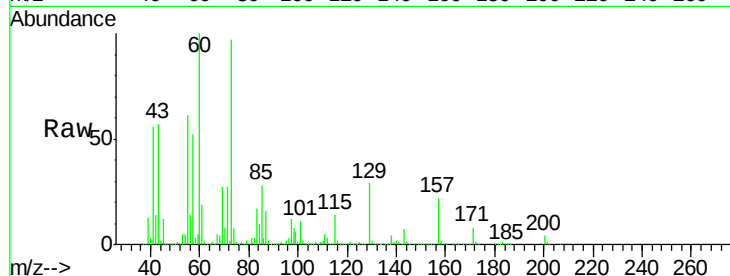
Tot Ion:138 Resp: 325523

Ion Ratio Lower Upper

138 100

92 1.5 28.9 68.9#

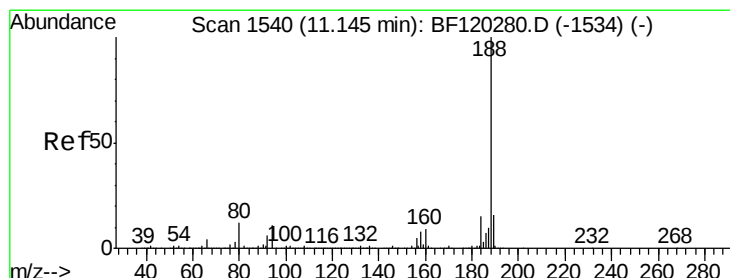
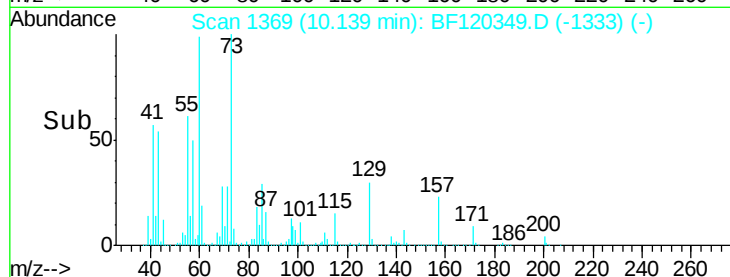
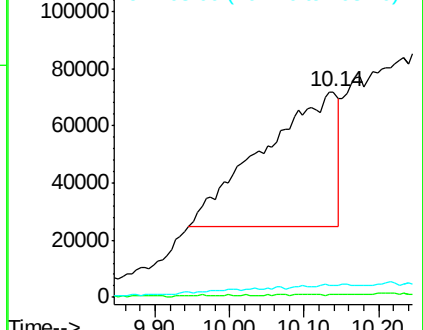
108 5.8 38.4 78.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.04 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

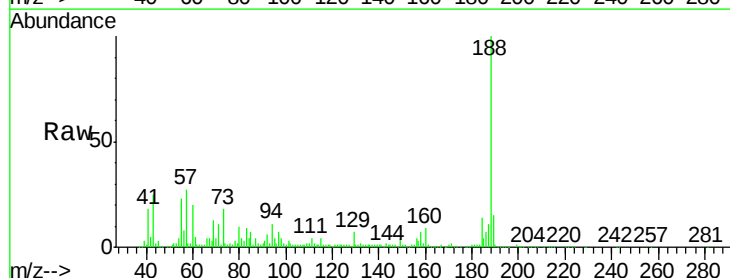
Tgt Ion:188 Resp: 755346

Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

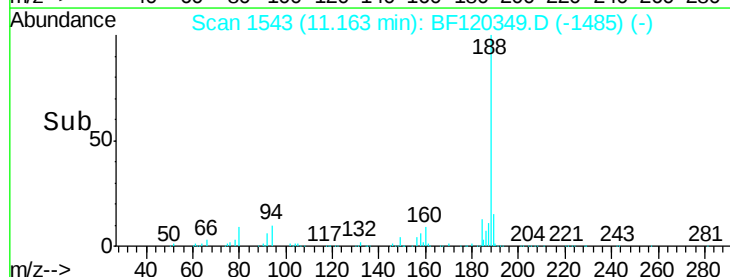
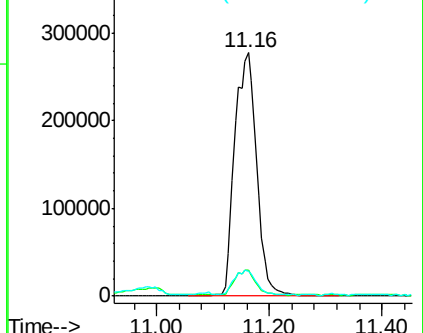
80 10.3 9.2 13.8

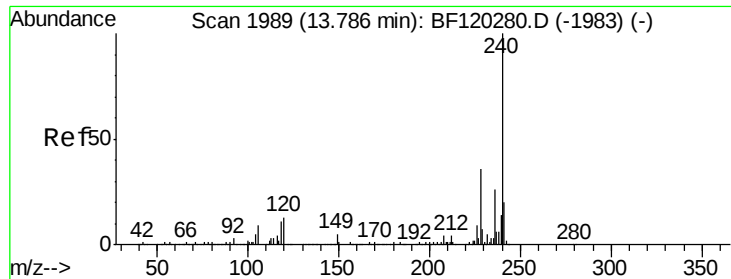


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

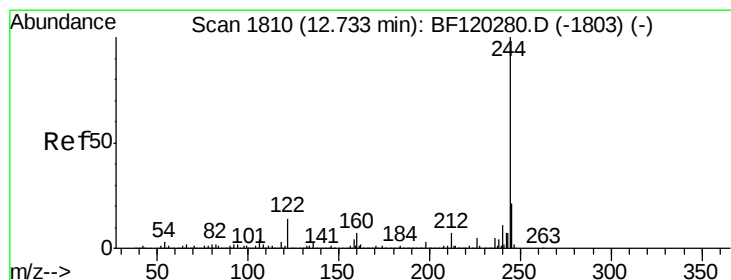
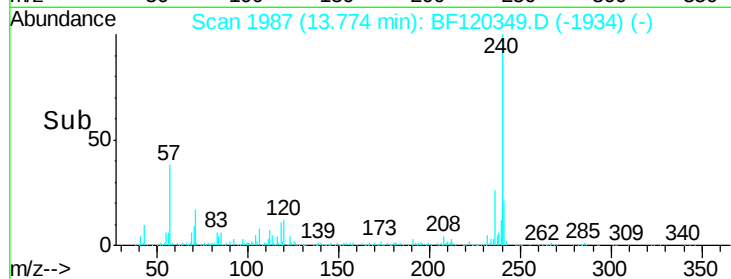
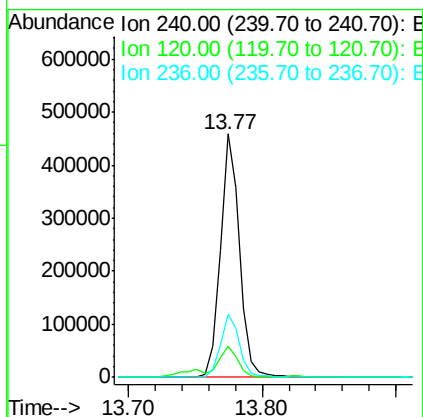
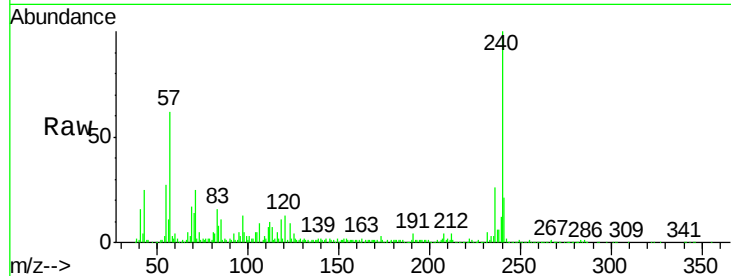




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: BF120349.D
 Acq: 18 May 2020 18:39

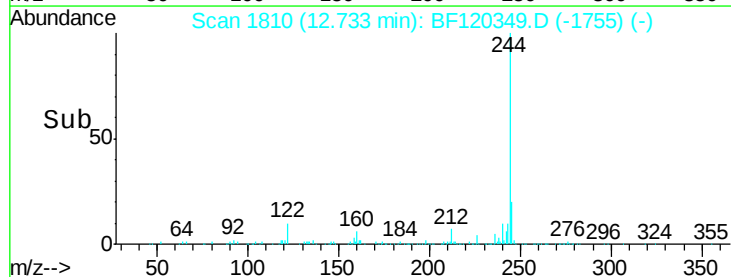
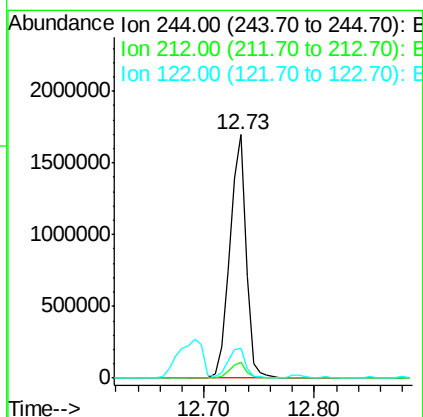
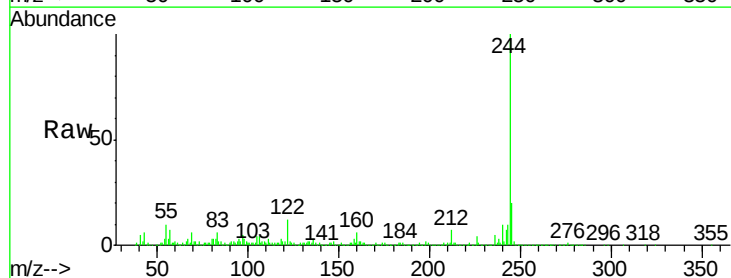
Instrument :
 BNA_F
 ClientSampleId :

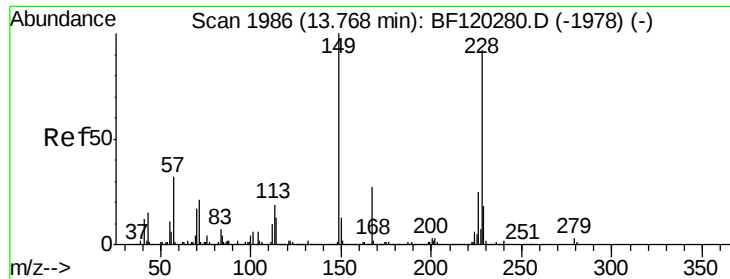
Tot Ion:240 Resp: 460499
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.4 15.6
 236 26.0 21.0 31.6



#79
 Terphenyl-d14
 Concen: 84.392 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.02 min
 Lab File: BF120349.D
 Acq: 18 May 2020 18:39

Tgt Ion:244 Resp: 1759103
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.1 10.8 16.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.541 ng

RT: 13.76 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

Instrument :

BNA_F

ClientSampleId :

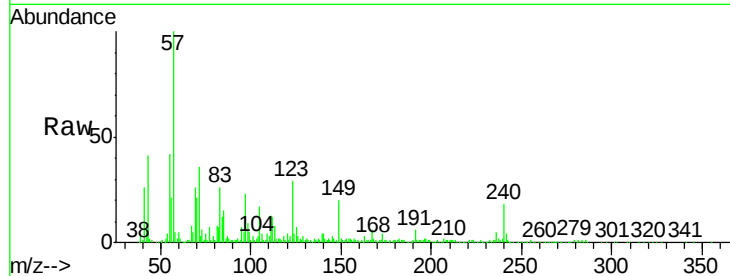
Tot Ion:149 Resp: 48874

Ion Ratio Lower Upper

149 100

167 31.8 21.8 32.8

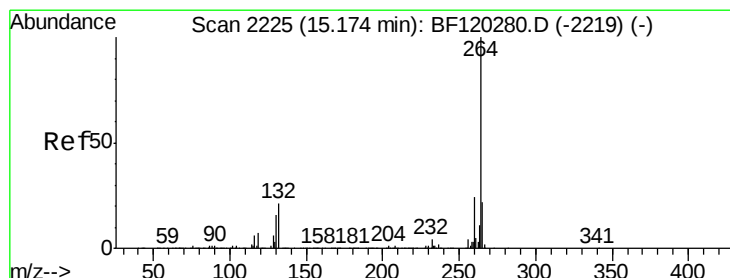
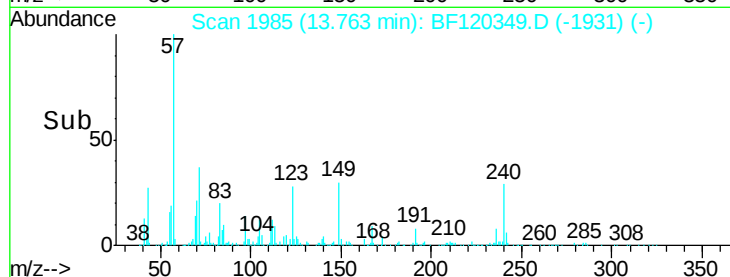
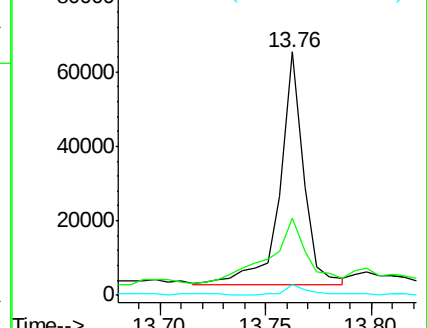
279 4.1 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BF120349.D

Acq: 18 May 2020 18:39

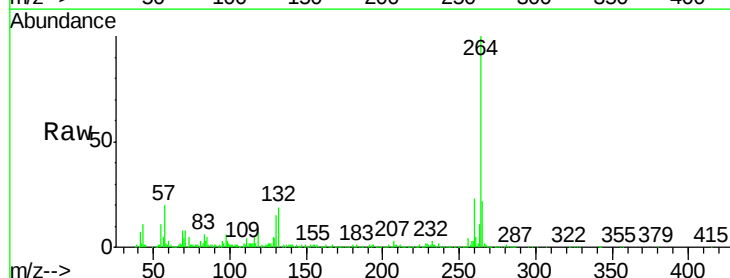
Tgt Ion:264 Resp: 491158

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.9 17.5 26.3



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

