

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120684.D
 Acq On : 22 Jun 2020 19:05
 Operator : JU/CG
 Sample : L3082-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Jun 23 01:34:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

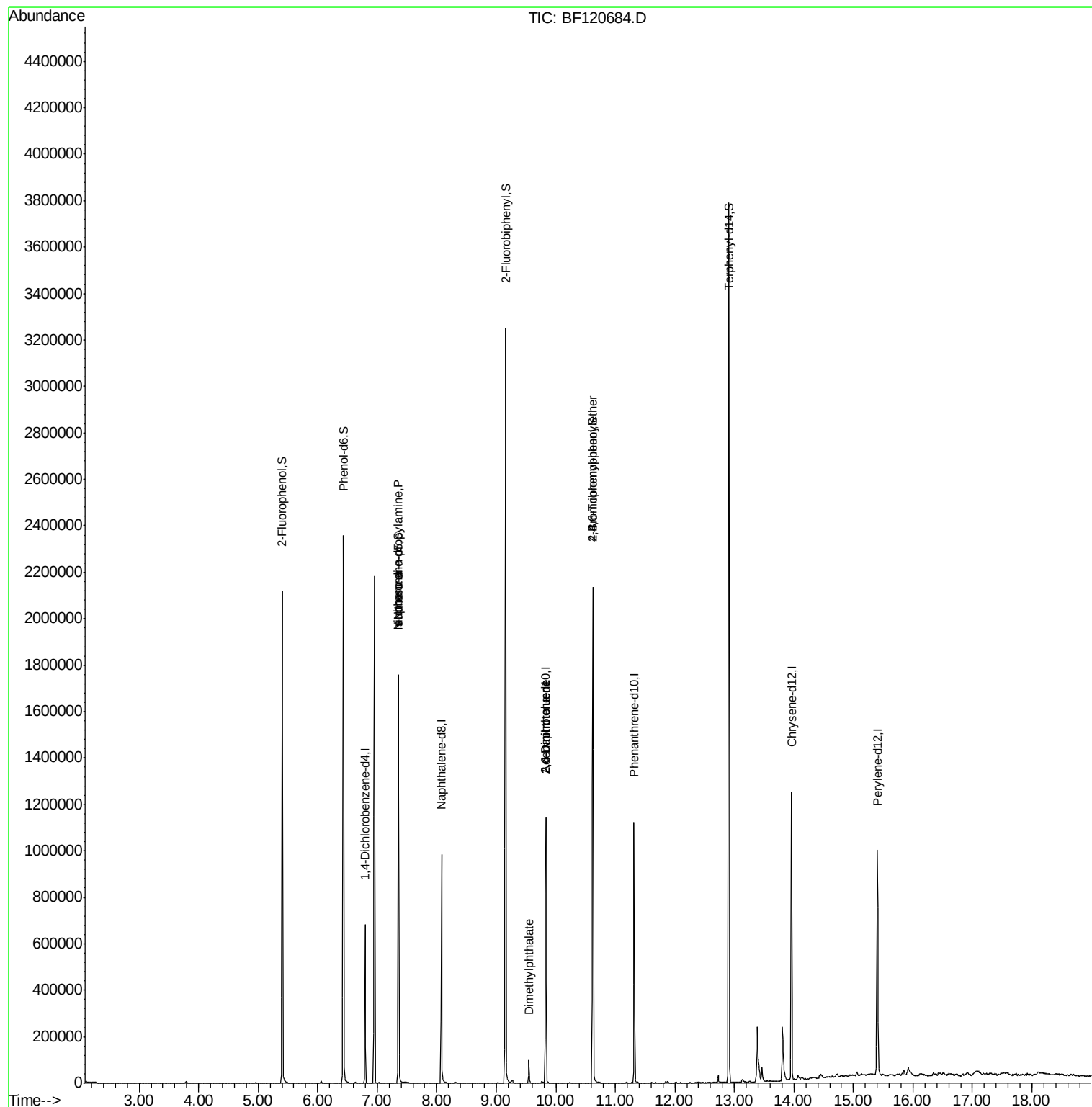
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107276	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	482928	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	222883	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	464632	20.00	ng	0.00
76) Chrysene-d12	13.96	240	454745	20.00	ng	0.00
86) Perylene-d12	15.40	264	444810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	621194	99.28	ng	-0.01
7) Phenol-d6	6.43	99	876746	112.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	558957	64.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	290063	111.94	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1041643	71.50	ng	0.00
79) Terphenyl-d14	12.91	244	1414229	68.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	72752	16.094	ng	# 77
25) Isophorone	7.36	82	553972	32.916	ng	# 62
50) Dimethylphthalate	9.55	163	47813	2.979	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	28470	7.826	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	28470	5.898	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	16761	3.179	ng	# 1

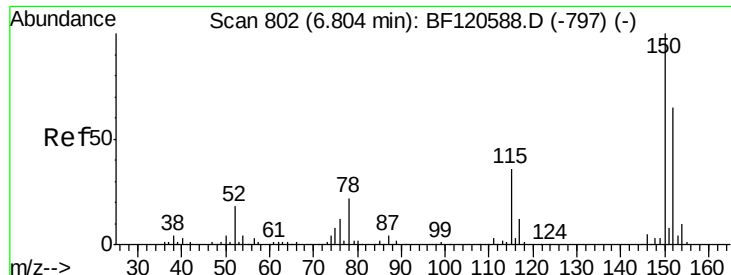
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120684.D
Acq On : 22 Jun 2020 19:05
Operator : JU/CG
Sample : L3082-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9

Quant Time: Jun 23 01:34:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration



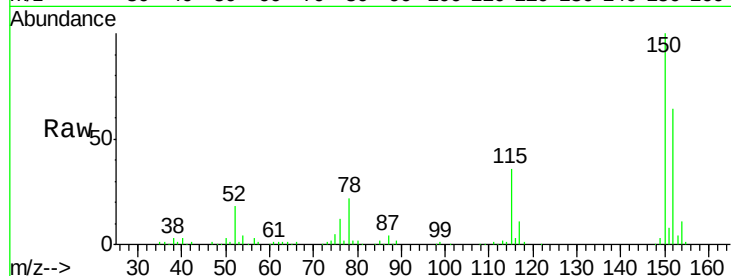


#1

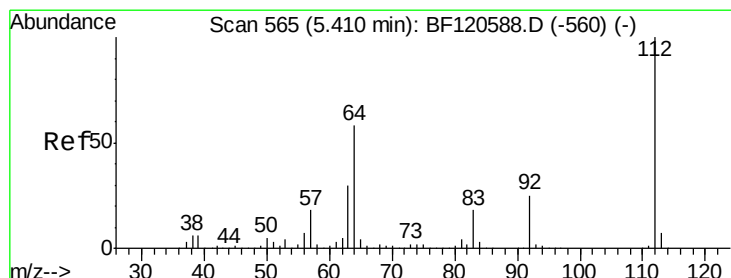
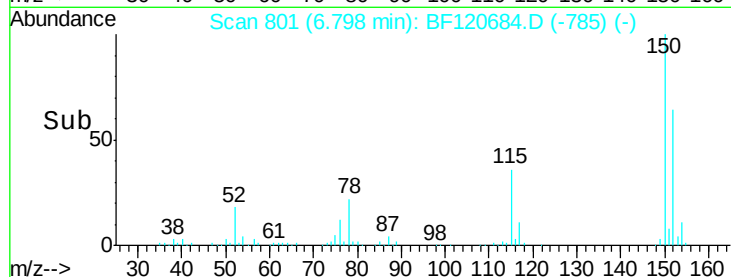
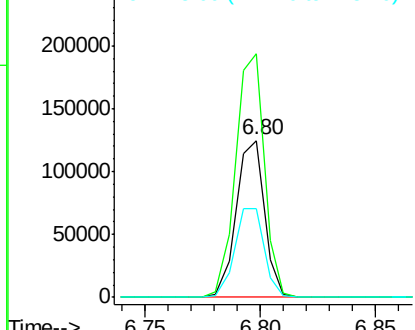
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Instrument :
BNA_F
ClientSampled :
SB-9

Tot Ion	152	Resp	107276
Ion Ratio	Lower	Upper	
152	100		
150	155.3	123.2	184.8
115	56.5	43.9	65.9



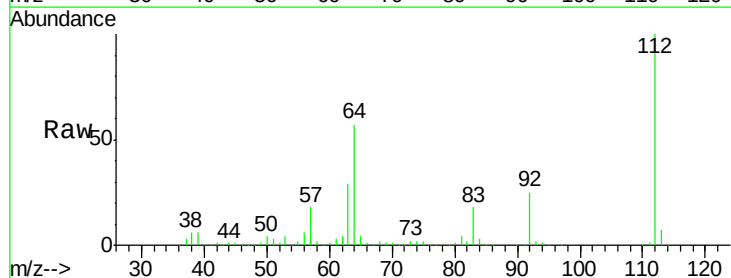
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



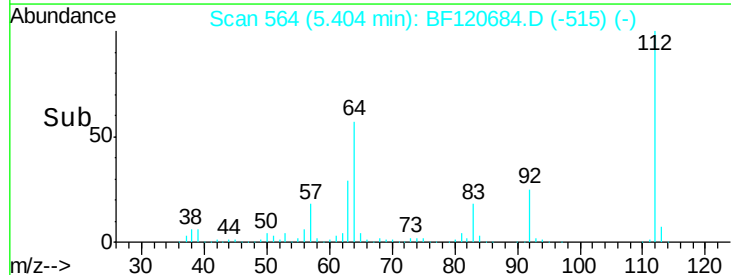
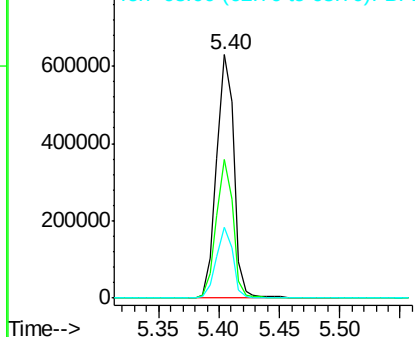
#5

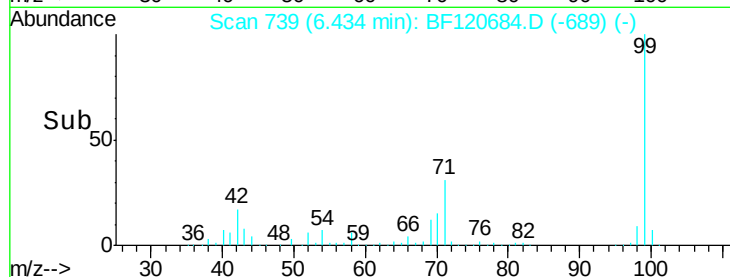
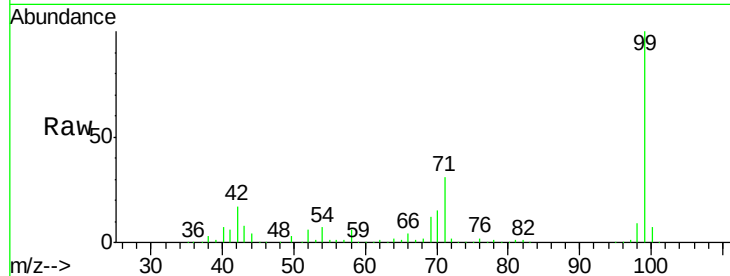
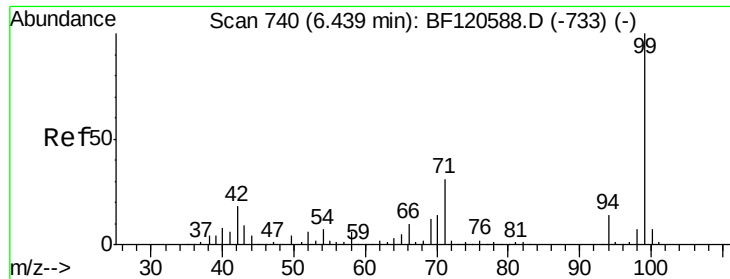
2-Fluorophenol
Concen: 99.277 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Tgt Ion	112	Resp	621194
Ion Ratio	Lower	Upper	
112	100		
64	57.1	46.1	69.1
63	29.0	23.7	35.5



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: 112.500 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

Instrument :

BNA_F

ClientSampleId :

SB-9

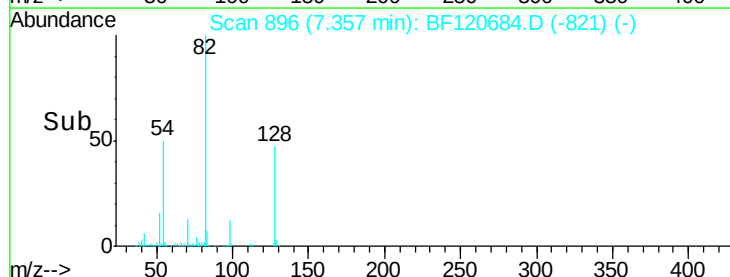
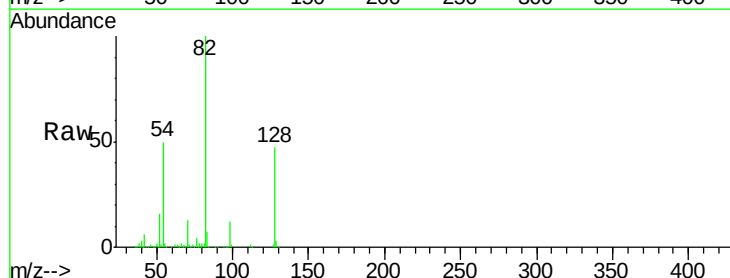
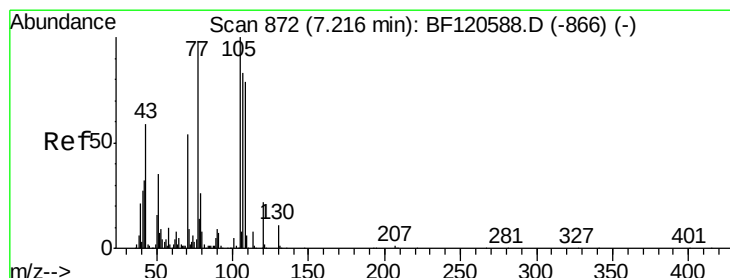
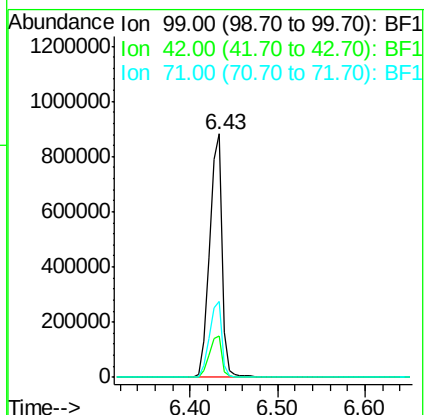
Tot Ion: 99 Resp: 876746

Ion Ratio Lower Upper

99 100

42 16.7 14.0 21.0

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.094 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

Tgt Ion: 70 Resp: 72752

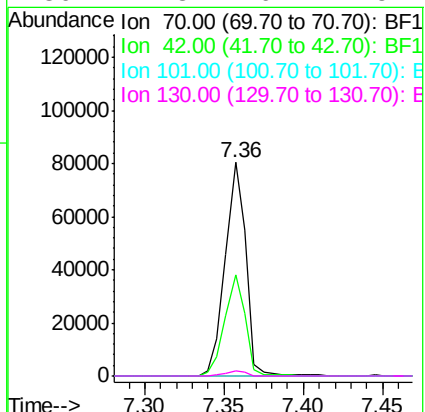
Ion Ratio Lower Upper

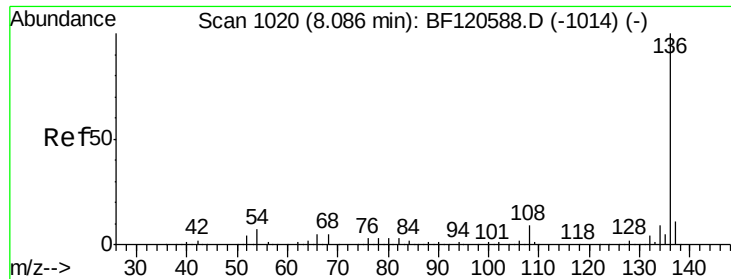
70 100

42 47.6 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

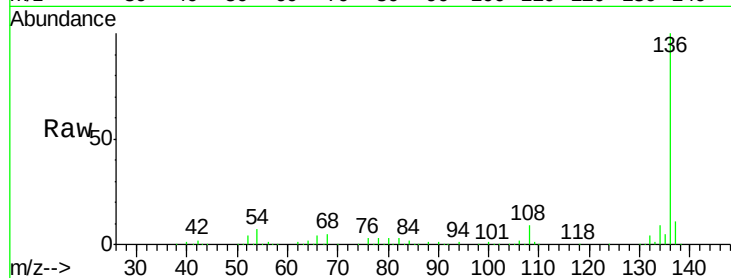




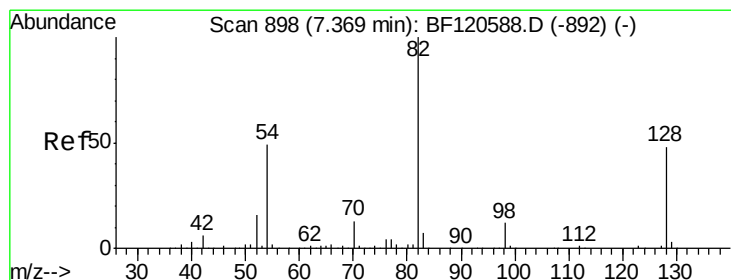
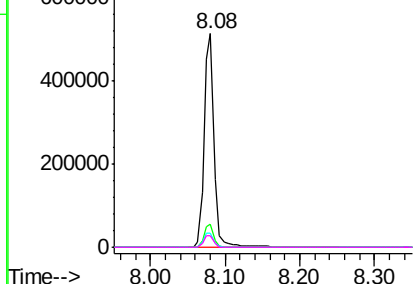
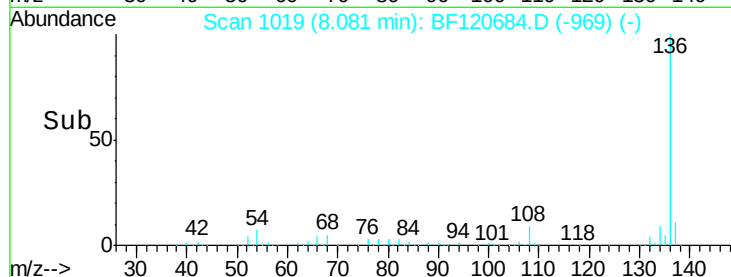
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9

Tot Ion:136	Resp:	482928
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	6.6	5.8 8.6
68	5.4	4.4 6.6

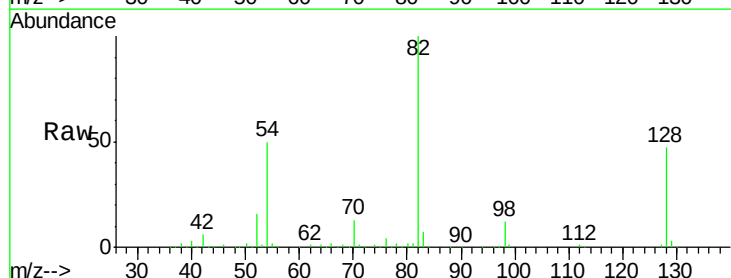


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

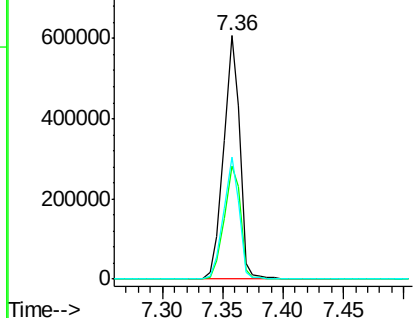
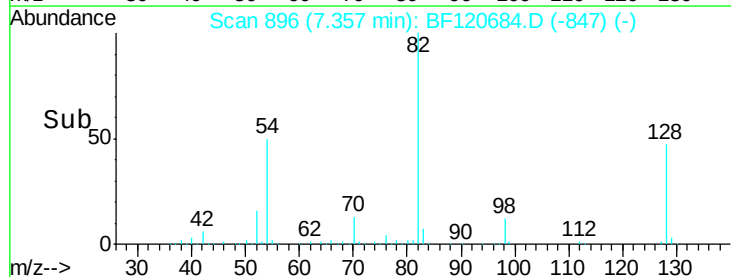


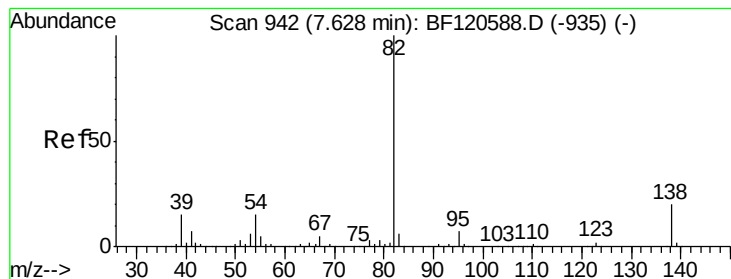
#23
Nitrobenzene-d5
Concen: 64.697 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Tgt Ion: 82	Resp:	558957
Ion Ratio	Lower	Upper
82	100	
128	46.6	38.0 57.0
54	50.0	38.8 58.2



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: 32.916 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

Instrument :

BNA_F

ClientSampled :

SB-9

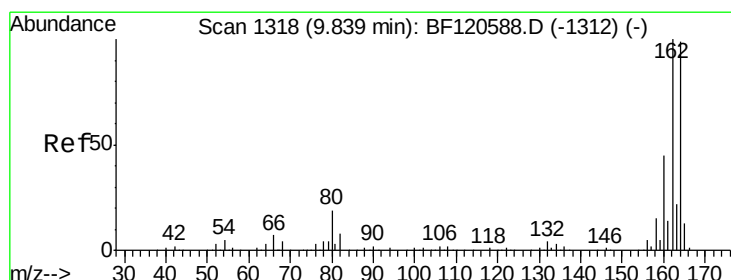
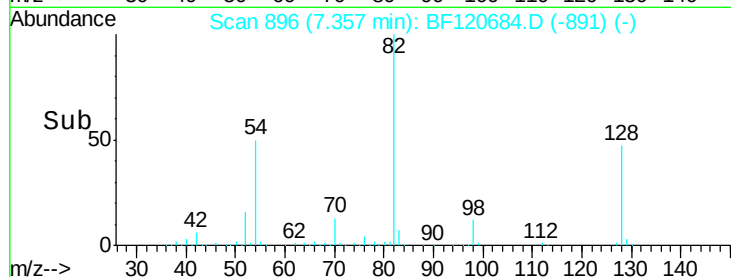
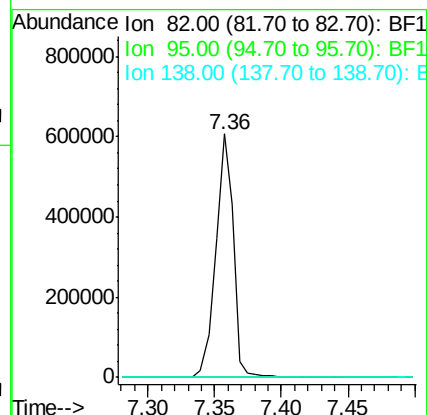
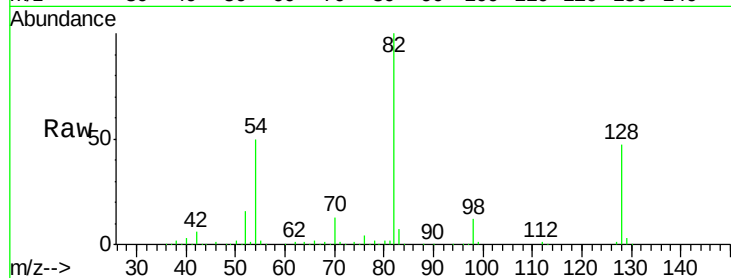
Tot Ion: 82 Resp: 553972

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 16.2 24.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

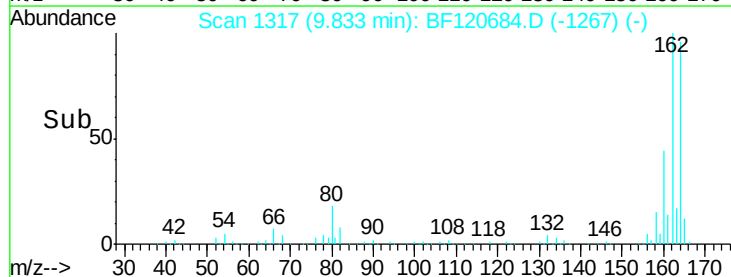
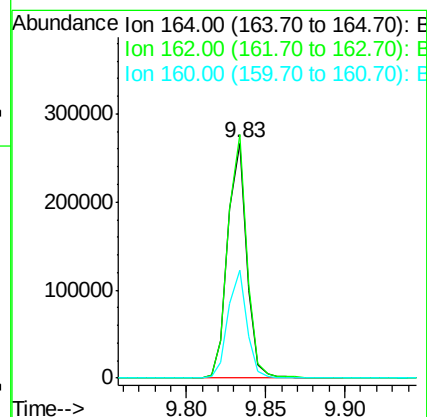
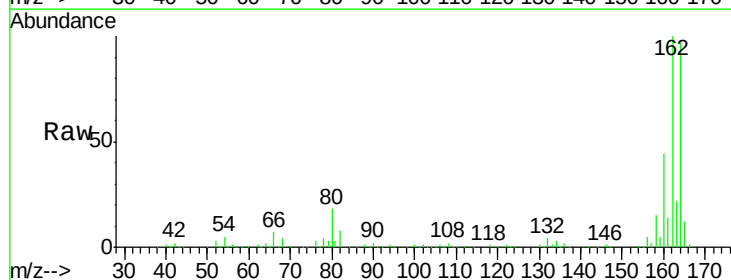
Tgt Ion: 164 Resp: 222883

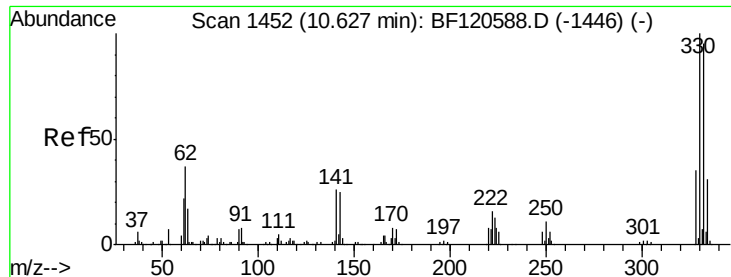
Ion Ratio Lower Upper

164 100

162 103.5 80.6 120.8

160 46.1 36.2 54.2

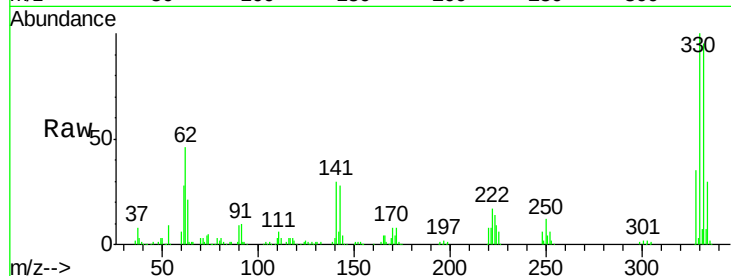




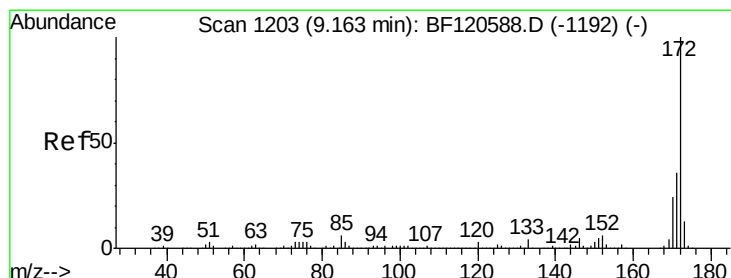
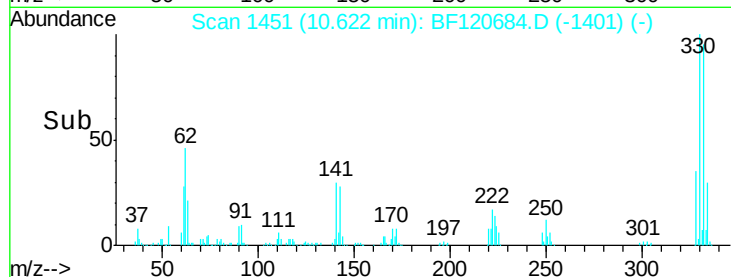
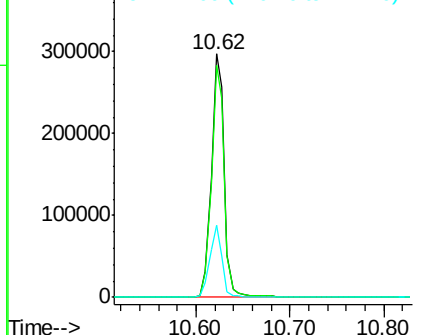
#42
 2,4,6-Tribromophenol
 Concen: 111.936 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120684.D
 Acq: 22 Jun 2020 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tot Ion	330	Resp	290063
Ion Ratio	100		
Lower	76.8		
Upper	115.2		
332	95.4		
141	28.3		
	23.2		
	34.8		

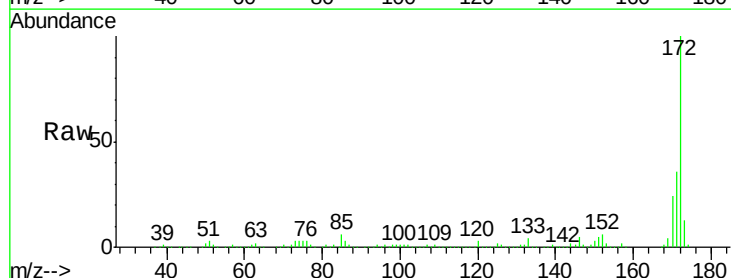


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

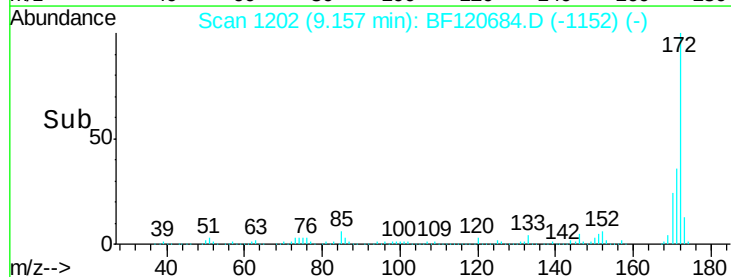
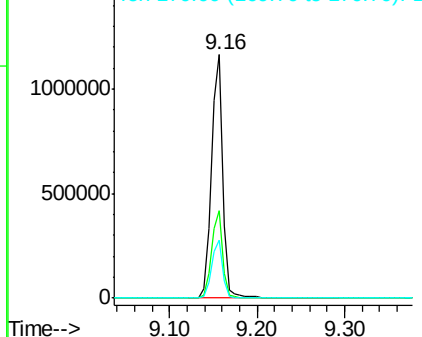


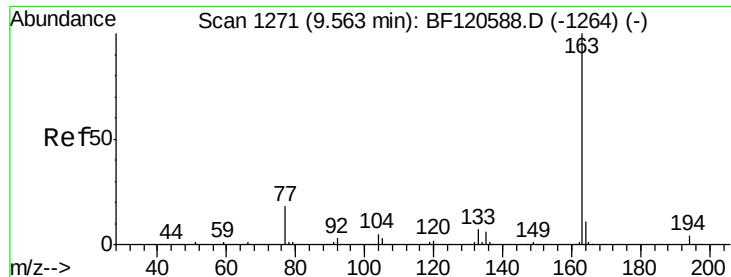
#45
 2-Fluorobiphenyl
 Concen: 71.504 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120684.D
 Acq: 22 Jun 2020 19:05

Tgt Ion	172	Resp	1041643
Ion Ratio	100		
Lower	29.0		
Upper	43.4		
171	35.7		
170	24.1		
	19.4		
	29.2		



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: 2.979 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

Instrument :

BNA_F

ClientSampleId :

SB-9

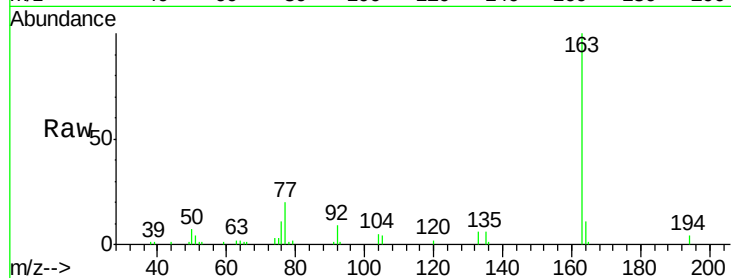
Tot Ion:163 Resp: 47813

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

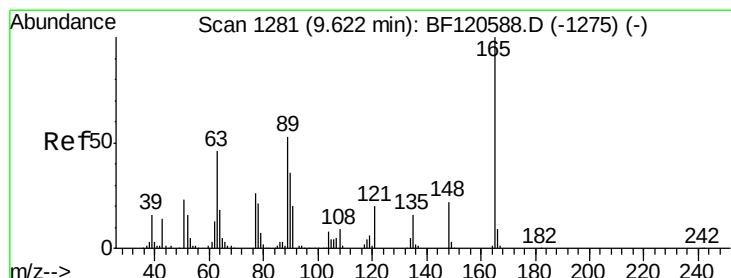
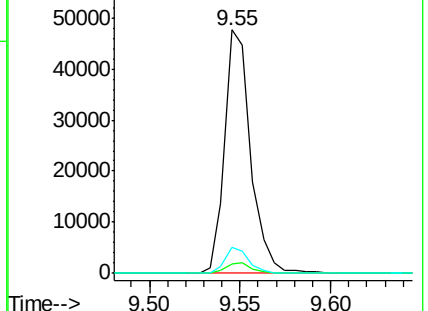
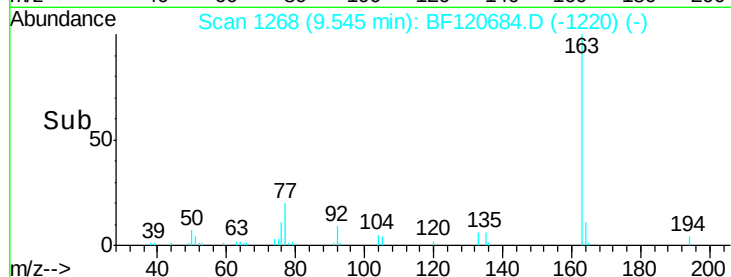
164 10.8 8.5 12.7



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: 7.826 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

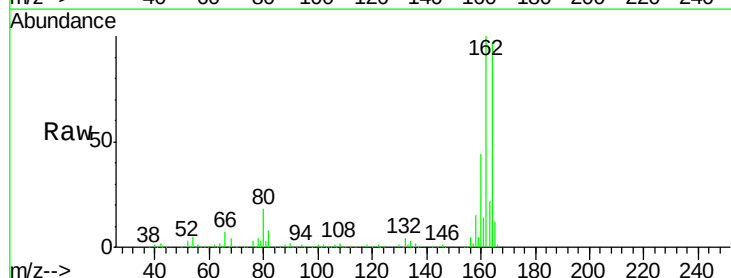
Tgt Ion:165 Resp: 28470

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

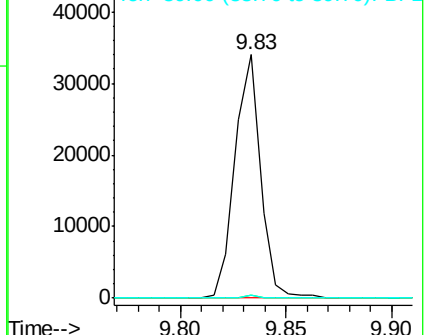
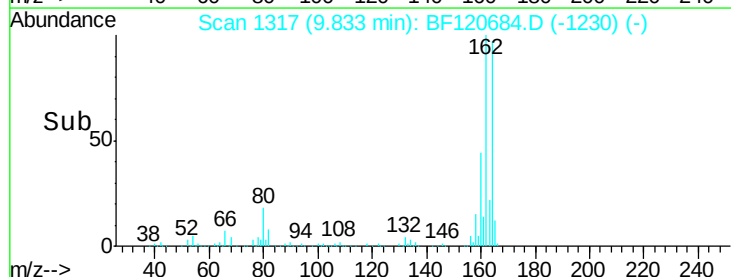
89 1.1 42.6 64.0#

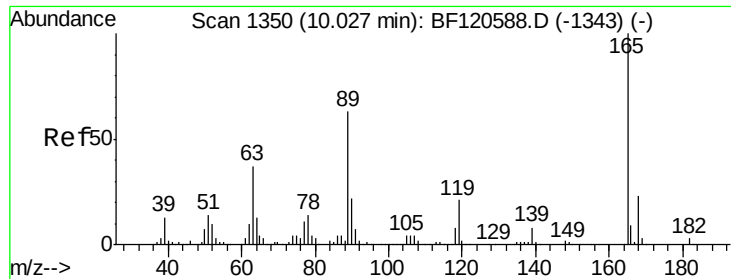


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

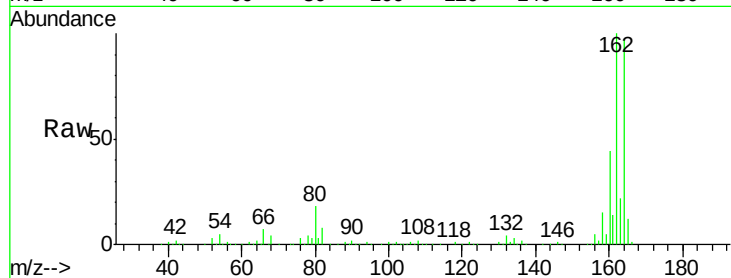




#57
 2,4-Dinitrotoluene
 Concen: 5.898 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120684.D
 Acq: 22 Jun 2020 19:05

Instrument :
 BNA_F
 ClientSampled :
 SB-9

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.1	50.4	75.6#
182	0.0	2.1	3.1#

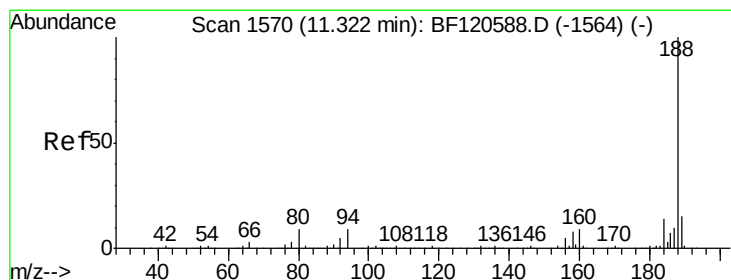
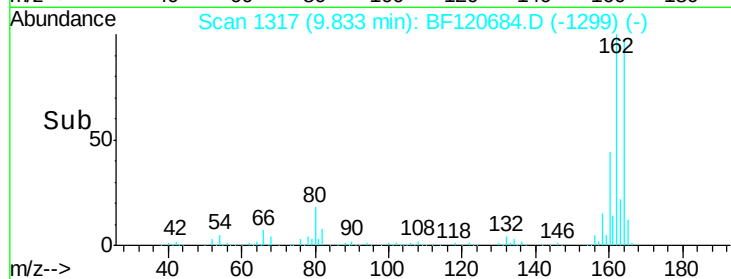
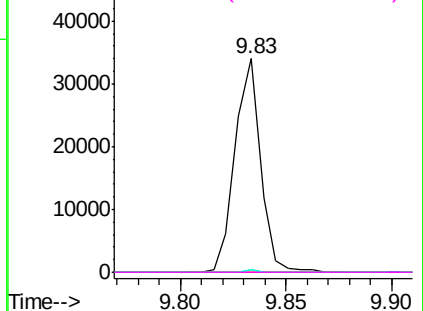


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

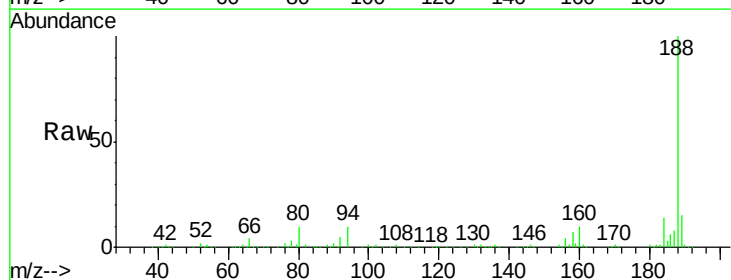
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120684.D
 Acq: 22 Jun 2020 19:05

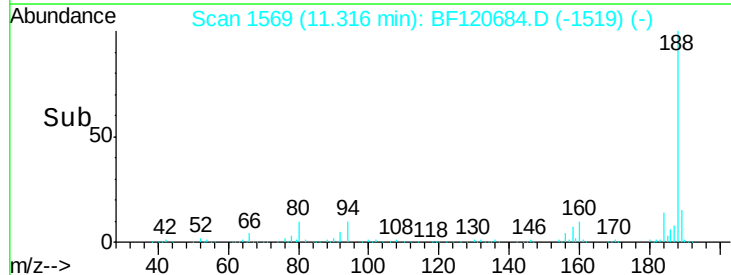
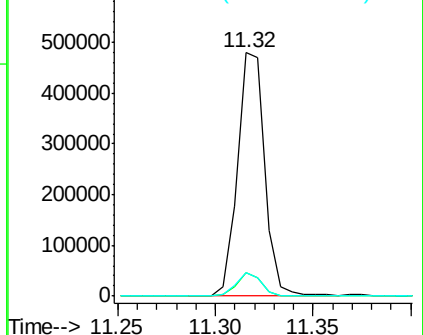
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.4	11.2

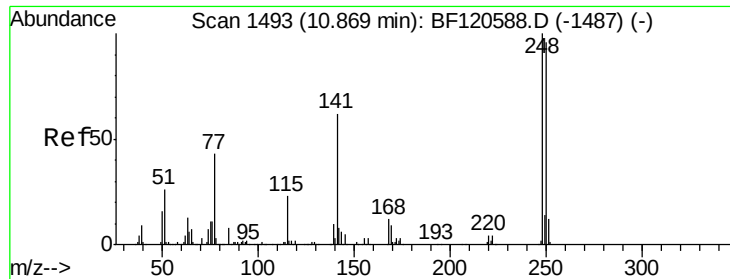


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

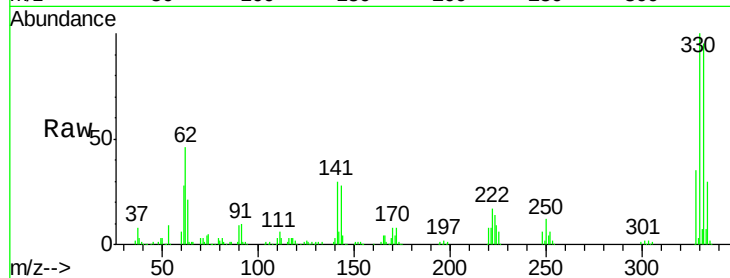




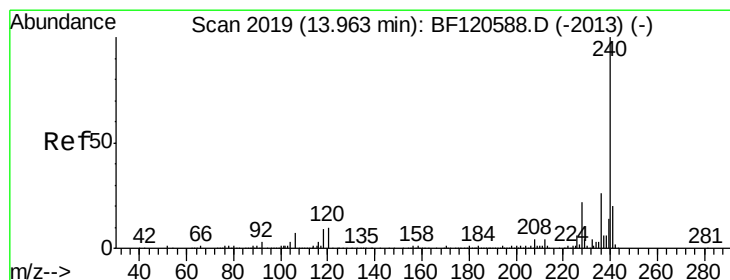
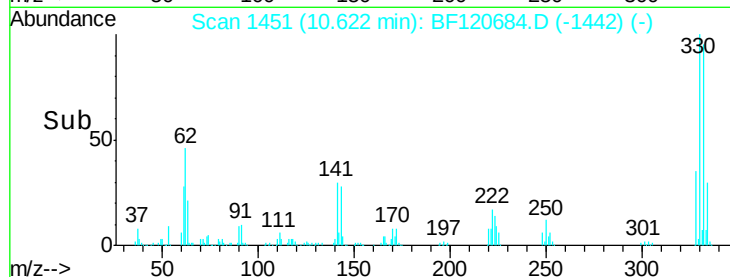
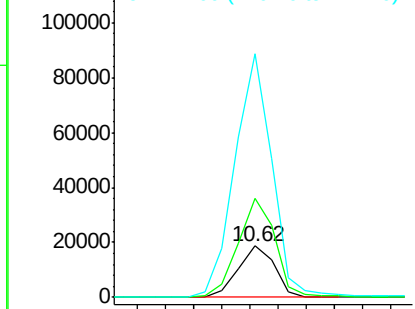
#67
4-Bromophenyl-phenylether
Concen: 3.179 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Instrument :
BNA_F
ClientSampleId :
SB-9

Tot Ion:248 Resp: 16761
Ion Ratio Lower Upper
248 100
250 193.0 76.7 115.1#
141 473.2 49.4 74.0#

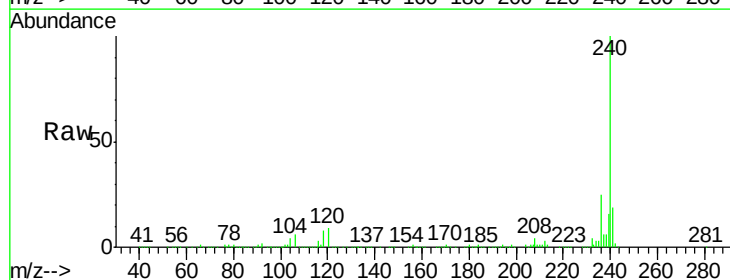


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

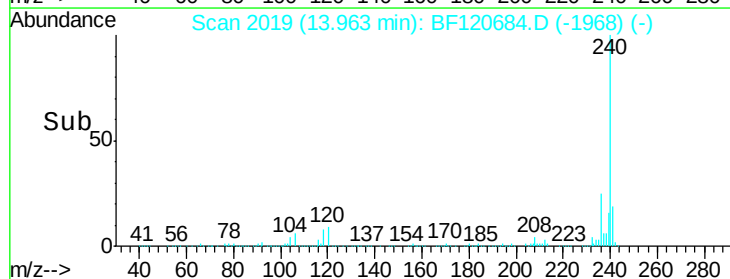
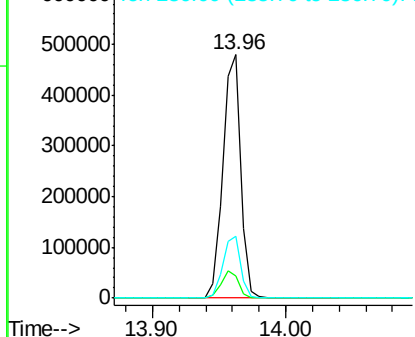


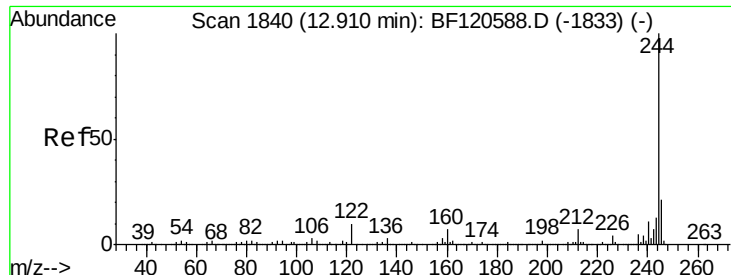
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120684.D
Acq: 22 Jun 2020 19:05

Tgt Ion:240 Resp: 454745
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 25.4 21.0 31.4



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: 68.695 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

Instrument :

BNA_F

ClientSampleId :

SB-9

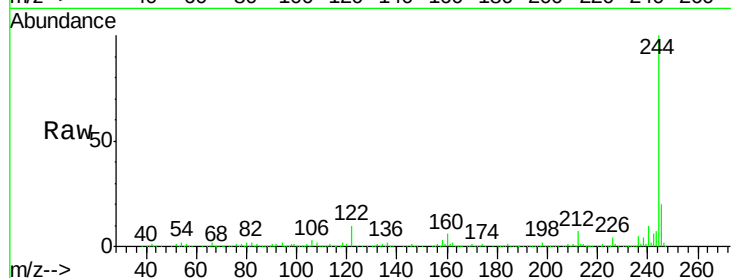
Tot Ion:244 Resp: 1414229

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

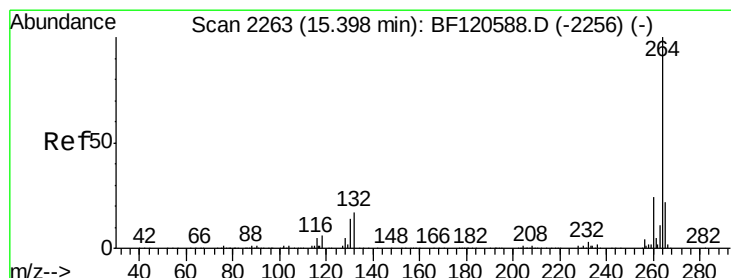
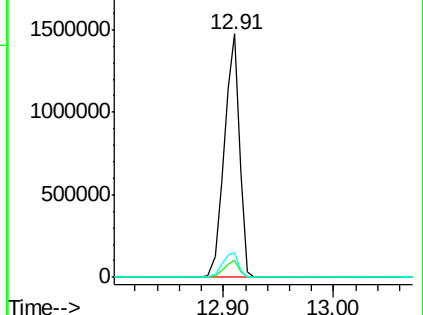
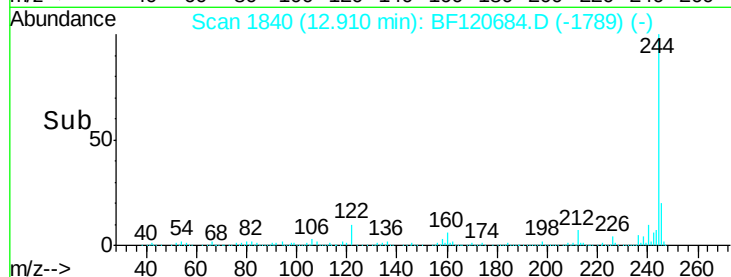
122 10.4 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120684.D

Acq: 22 Jun 2020 19:05

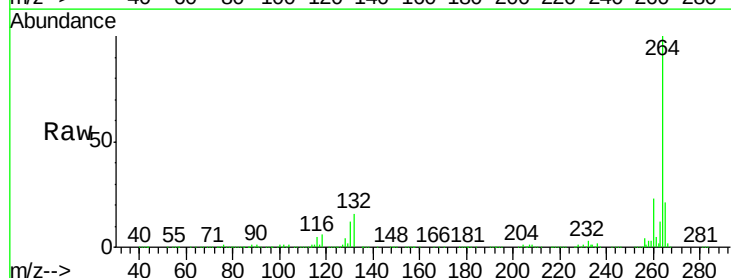
Tgt Ion:264 Resp: 444810

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 20.6 17.8 26.8



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

