

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120148.D
 Acq On : 23 Apr 2020 2:56
 Operator : MA/SJ
 Sample : L2327-24
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: Apr 23 04:25:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

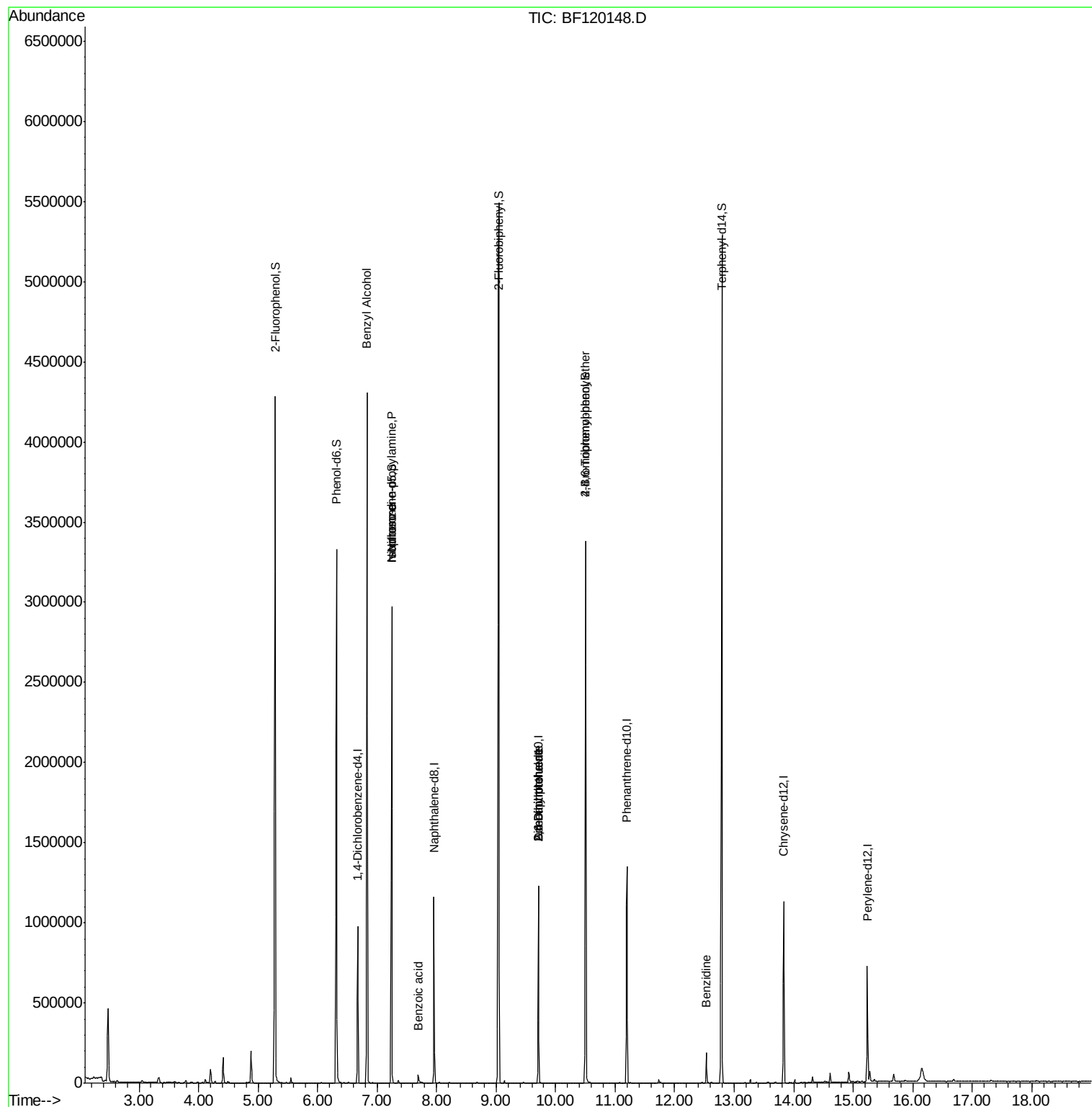
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	131491	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	502029	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	258153	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	479774	20.00	ng	0.00
76) Chrysene-d12	13.83	240	369073	20.00	ng	-0.02
87) Perylene-d12	15.24	264	310961	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1124733	147.82	ng	0.00
7) Phenol-d6	6.32	99	1275647	130.11	ng	0.00
23) Nitrobenzene-d5	7.25	82	1007800	103.85	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	417453	132.08	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1900384	104.52	ng	0.00
79) Terphenyl-d14	12.79	244	2092101	95.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	254	Below Cal		Qvalue # 44
15) Benzyl Alcohol	6.83	79	17257	2.266 ng	#	51
19) n-Nitroso-di-n-propylamine	7.25	70	131447	20.850 ng	#	77
25) Isophorone	7.25	82	1007785	53.873 ng	#	65
32) Benzoic acid	7.69	122	13965	2.162 ng		92
50) Dimethylphthalate	9.72	163	59288	2.969 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	32771	7.495 ng	#	26
57) 2,4-Dinitrotoluene	9.72	165	32771	5.688 ng	#	20
67) 4-Bromophenyl-phenylether	10.50	248	25590	4.289 ng	#	1
77) Benzidine	12.53	184	69117	5.540 ng		95

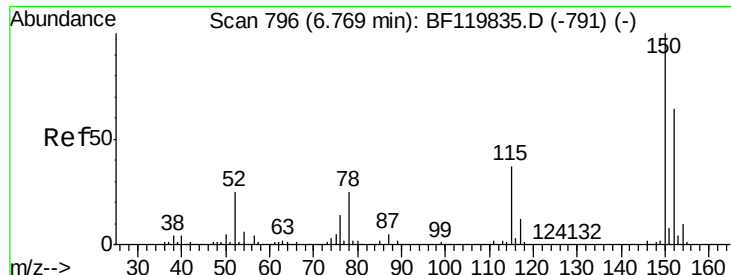
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
Data File : BF120148.D
Acq On : 23 Apr 2020 2:56
Operator : MA/SJ
Sample : L2327-24
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Quant Time: Apr 23 04:25:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration



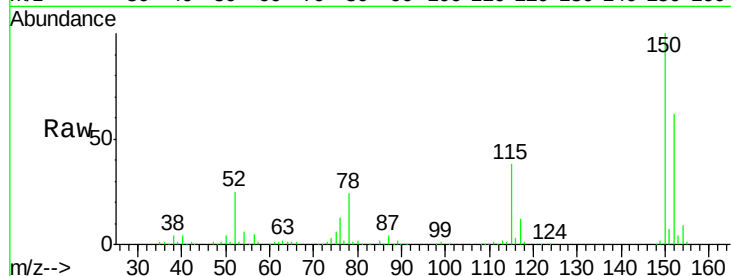


#1

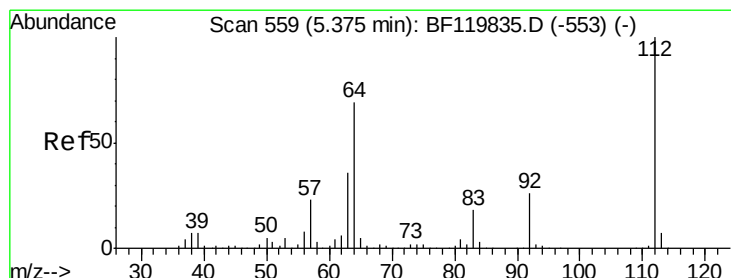
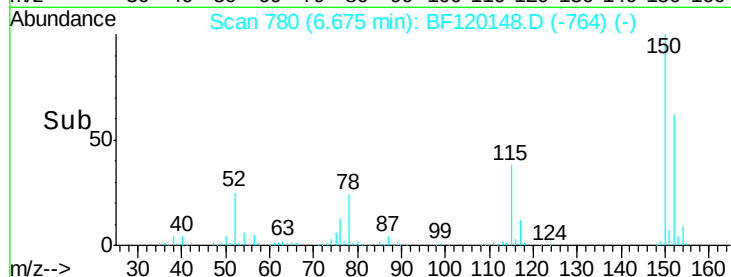
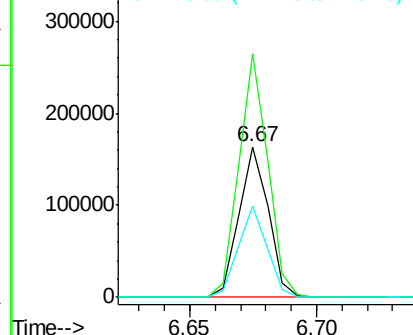
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion:152 Resp: 131491
Ion Ratio Lower Upper
152 100
150 161.5 124.5 186.7
115 60.8 49.6 74.4



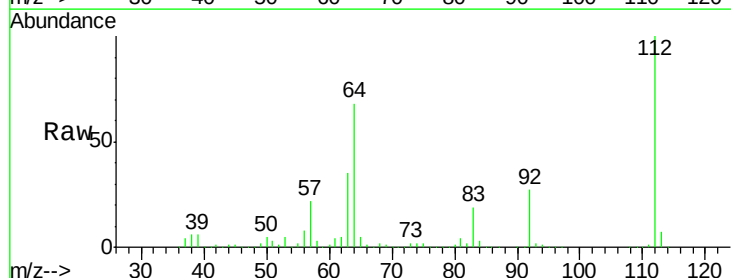
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



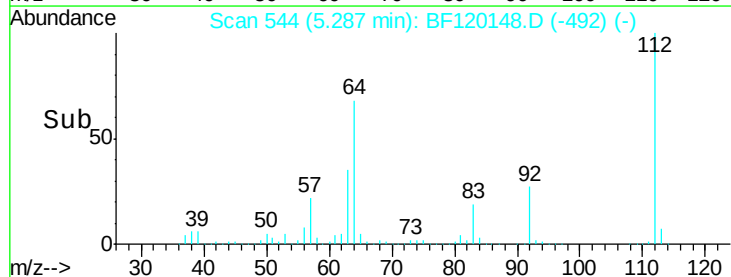
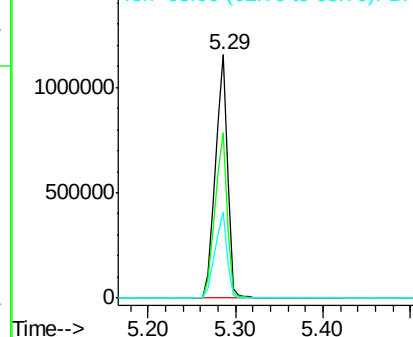
#5

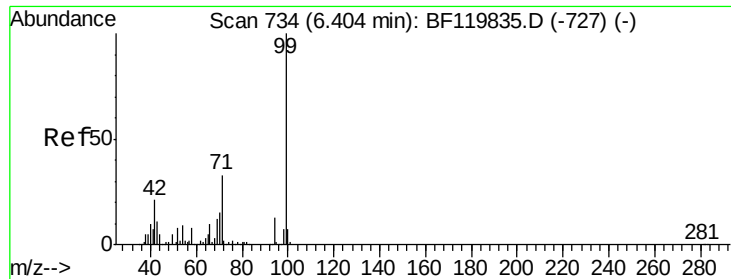
2-Fluorophenol
Concen: 147.823 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

Tgt Ion:112 Resp: 1124733
Ion Ratio Lower Upper
112 100
64 68.0 56.7 85.1
63 35.5 29.5 44.3



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: 130.114 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

Instrument :

BNA_F

ClientSampleId :

TP-6-S

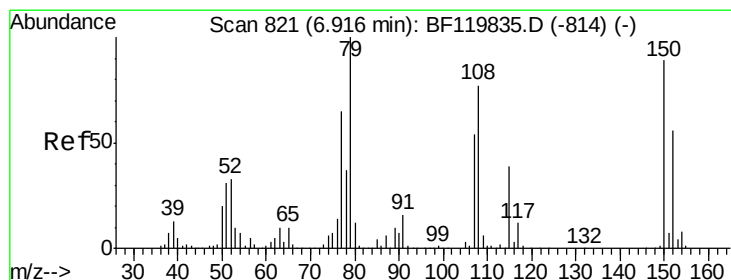
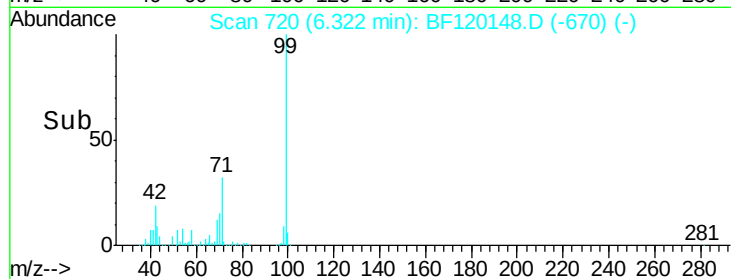
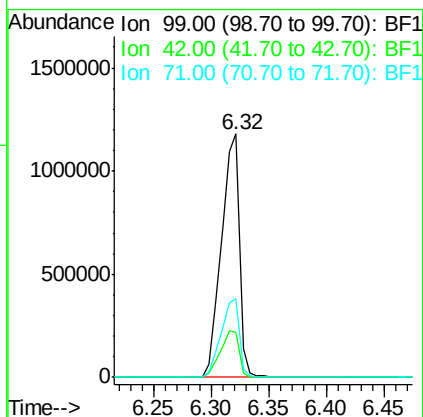
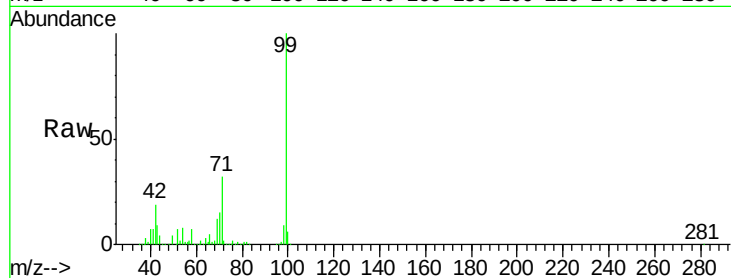
Tot Ion: 99 Resp: 1275647

Ion Ratio Lower Upper

99 100

42 18.8 16.6 24.8

71 32.0 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.266 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

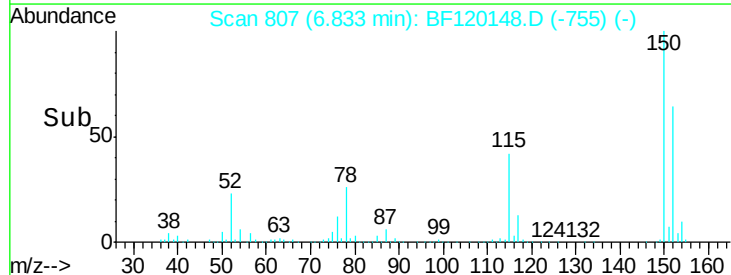
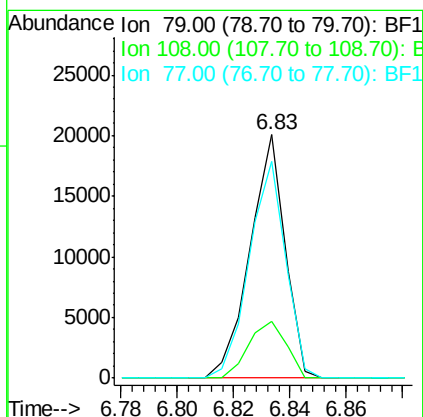
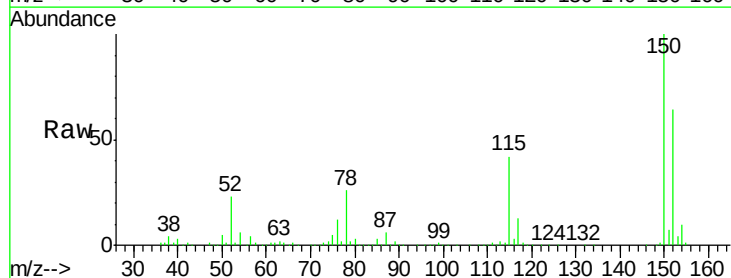
Tgt Ion: 79 Resp: 17257

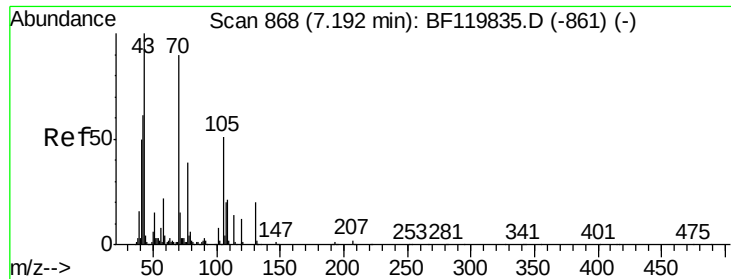
Ion Ratio Lower Upper

79 100

108 23.3 60.6 90.8#

77 88.8 50.2 75.2#

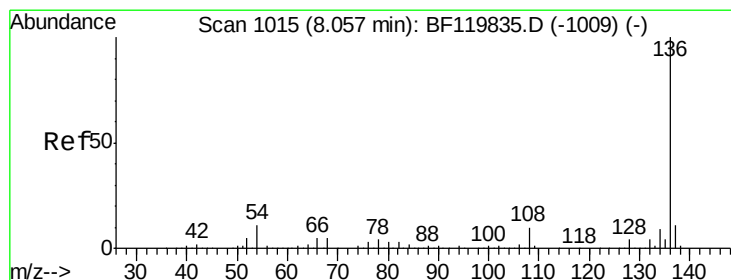
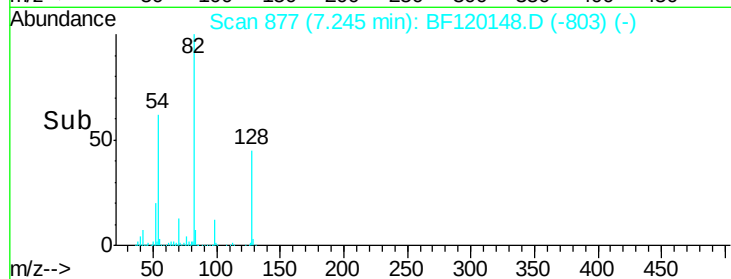
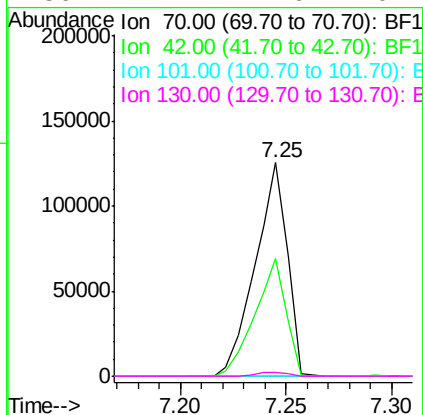
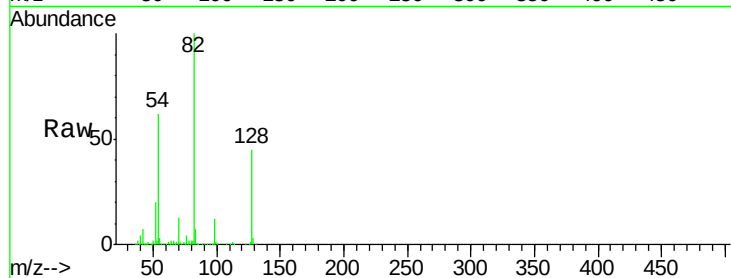




#19
n-Nitroso-di-n-propylamine
Concen: 20.850 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

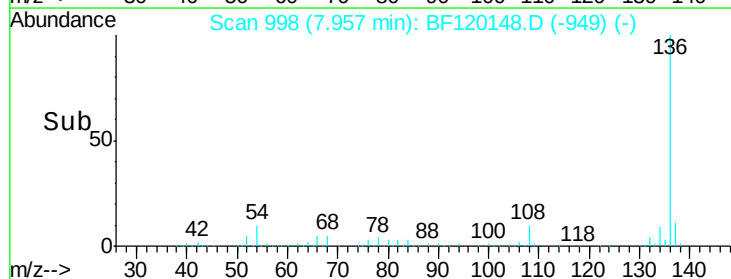
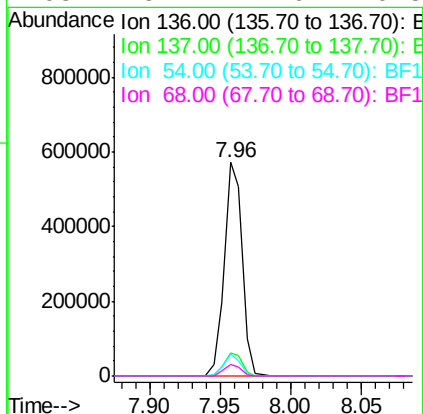
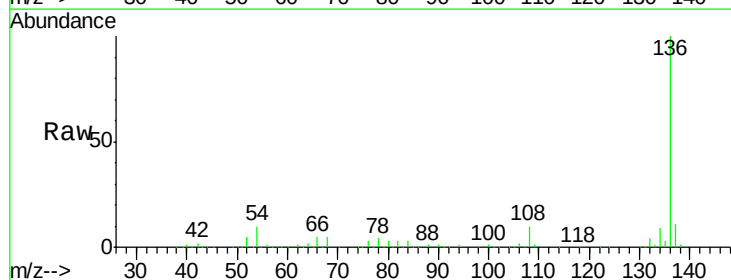
Instrument :
BNA_F
ClientSampleId :
TP-6-S

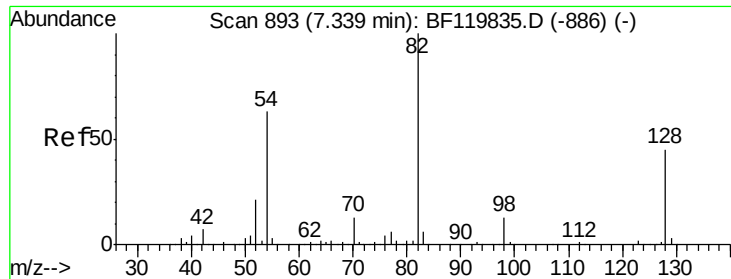
Tot Ion:	70	Resp:	131447
Ion	Ratio	Lower	Upper
70	100		
42	54.9	54.5	81.7
101	0.0	7.6	11.4#
130	2.1	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

Tgt Ion:	136	Resp:	502029
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	9.1	13.7
68	5.4	4.6	6.8

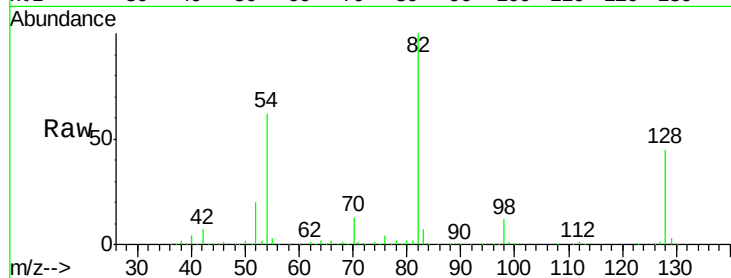




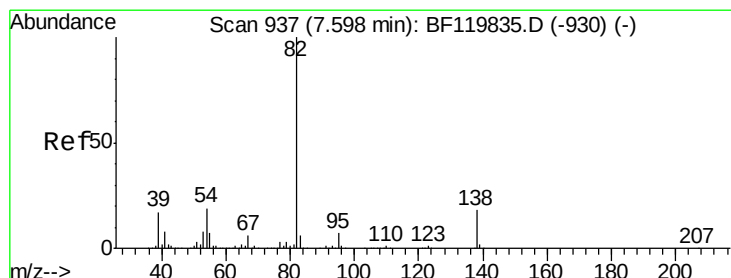
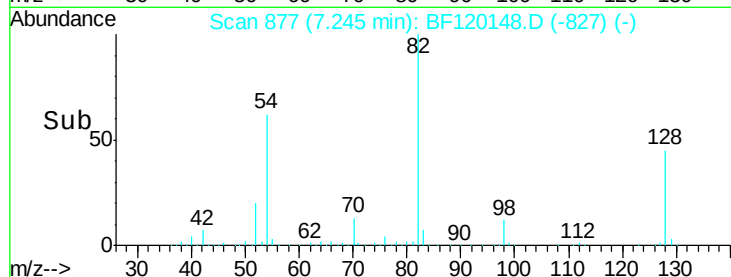
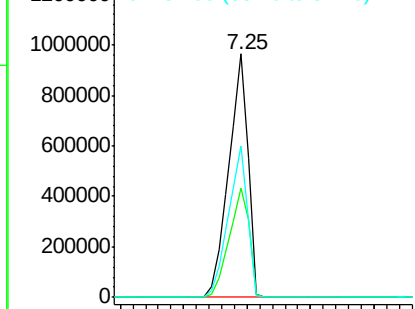
#23
 Nitrobenzene-d5
 Concen: 103.853 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion: 82 Resp: 1007800
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.3 54.5
 54 62.4 50.6 75.8

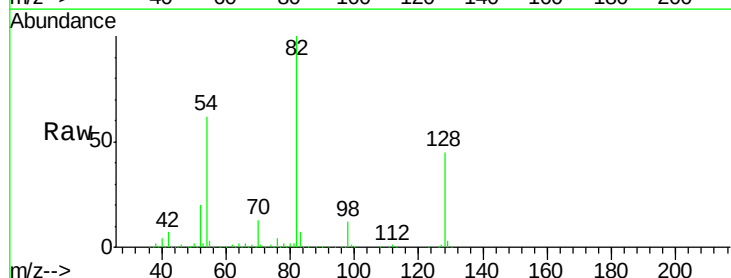


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

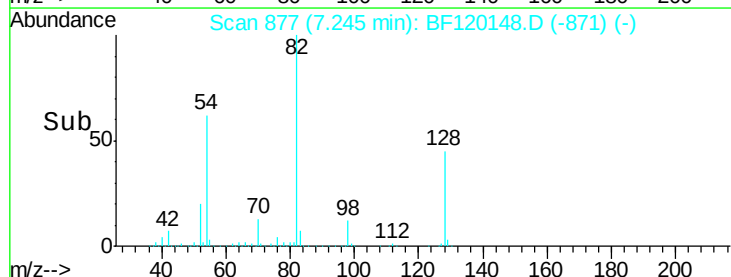
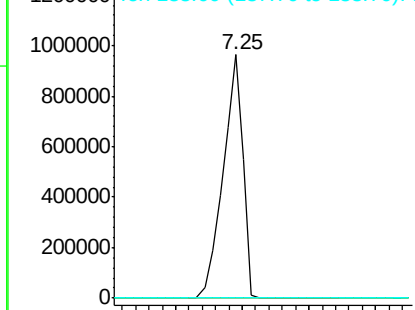


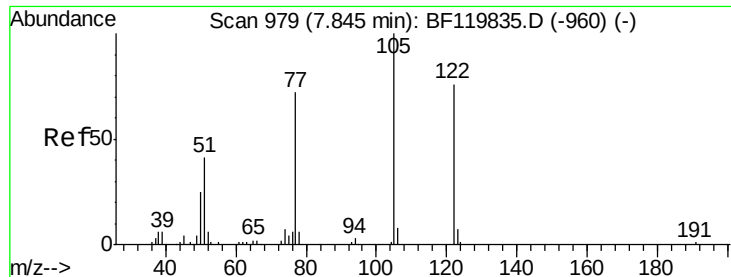
#25
 Isophorone
 Concen: 53.873 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.26 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Tgt Ion: 82 Resp: 1007785
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 14.6 21.8#



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

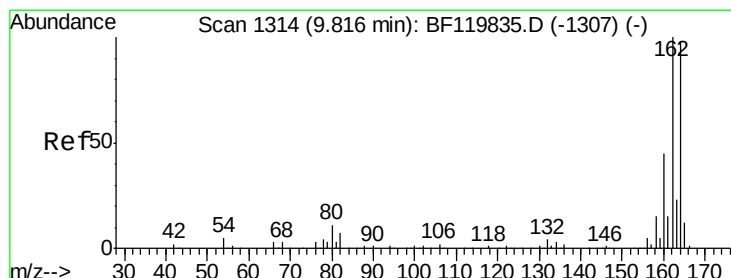
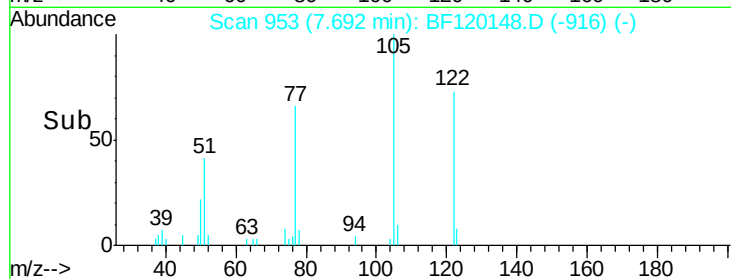
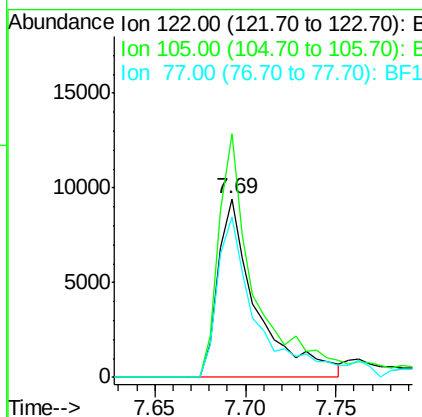
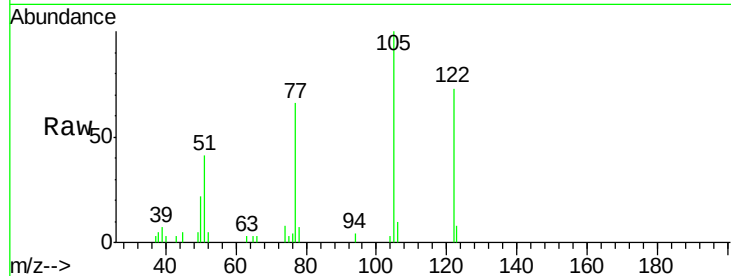




#32
Benzoic acid
Concen: 2.162 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.08 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

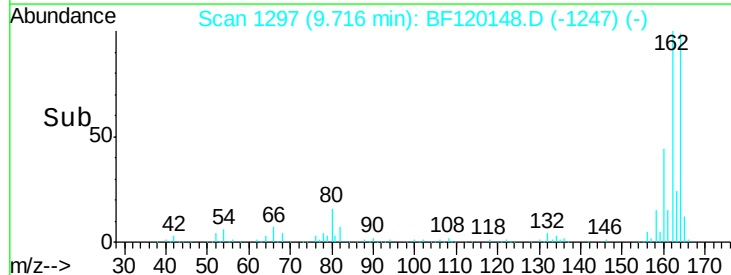
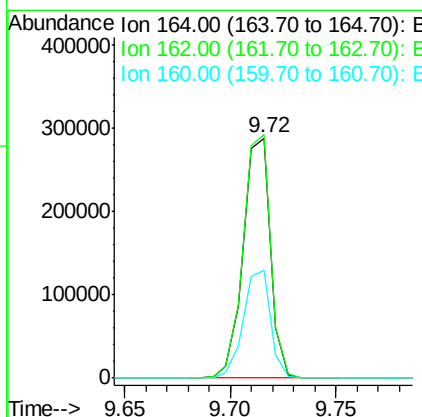
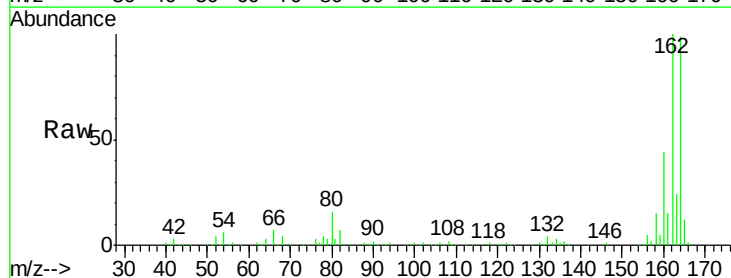
Instrument :
BNA_F
ClientSampleId :
TP-6-S

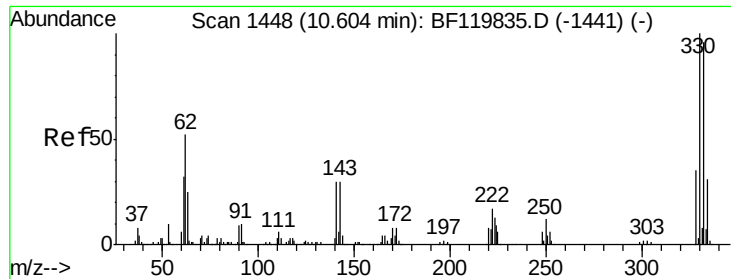
Tot Ion:122 Resp: 13965
Ion Ratio Lower Upper
122 100
105 136.4 104.9 144.9
77 89.7 74.4 114.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120148.D
Acq: 23 Apr 2020 2:56

Tgt Ion:164 Resp: 258153
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 44.9 35.7 53.5

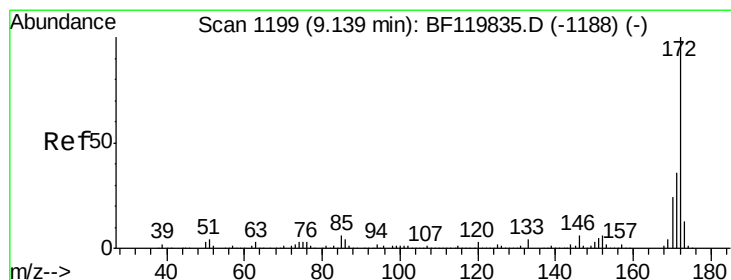
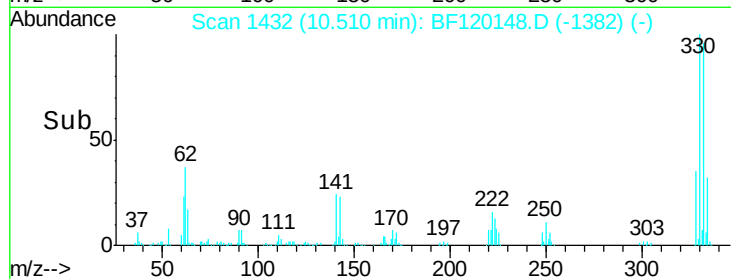
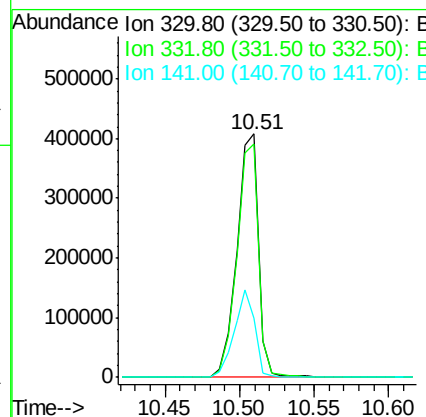
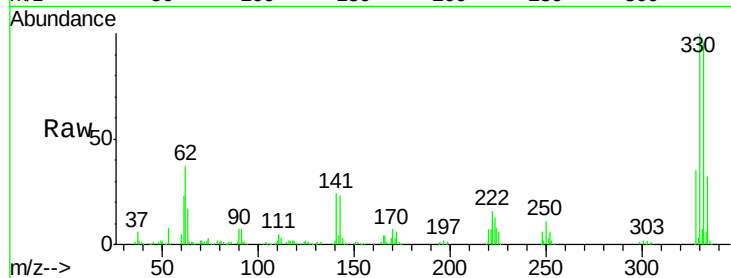




#42
 2,4,6-Tribromophenol
 Concen: 132.077 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

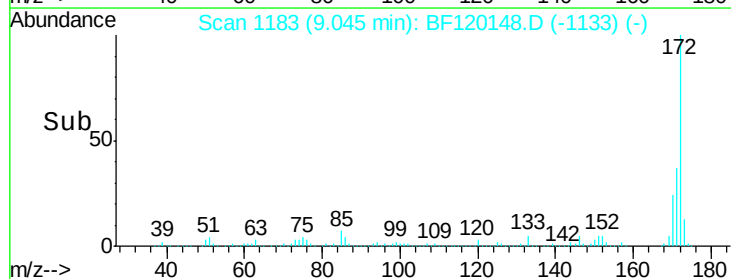
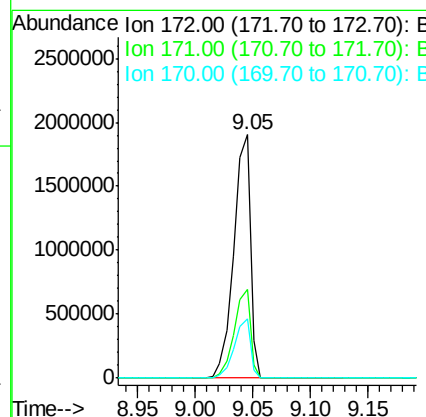
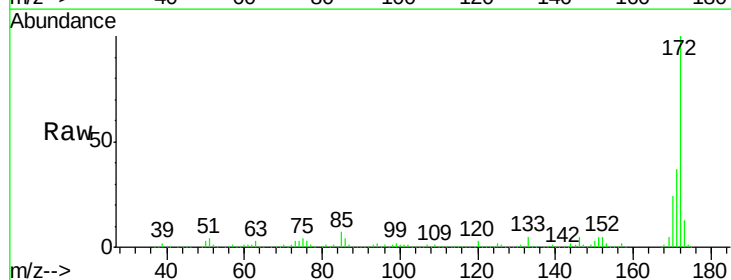
Instrument :
 BNA_F
 ClientSampled :
 TP-6-S

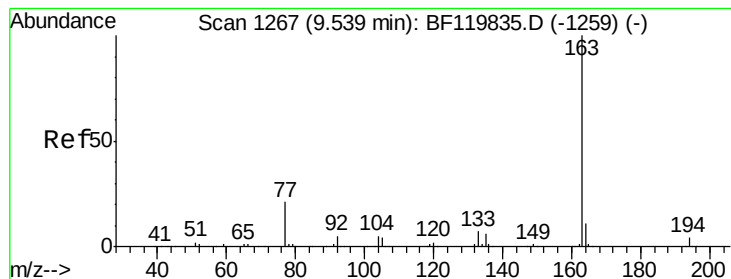
Tot Ion:330 Resp: 417453
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 34.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 104.517 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Tgt Ion:172 Resp: 1900384
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.2 20.2 30.2





#50

Dimethylphthalate

Concen: 2.969 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.26 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

Instrument :

BNA_F

ClientSampleId :

TP-6-S

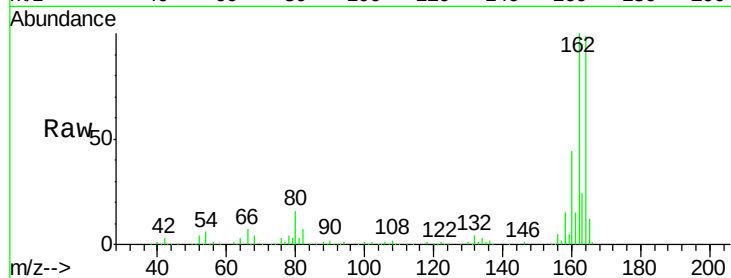
Tot Ion:163 Resp: 59288

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

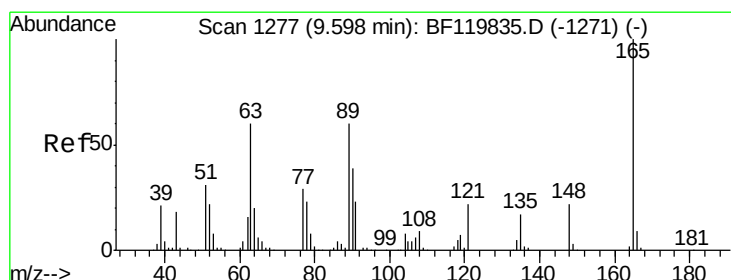
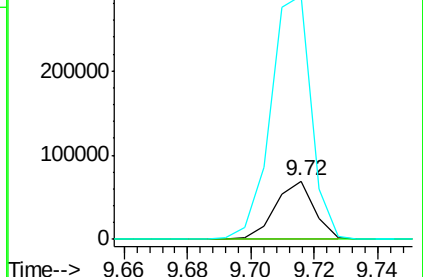
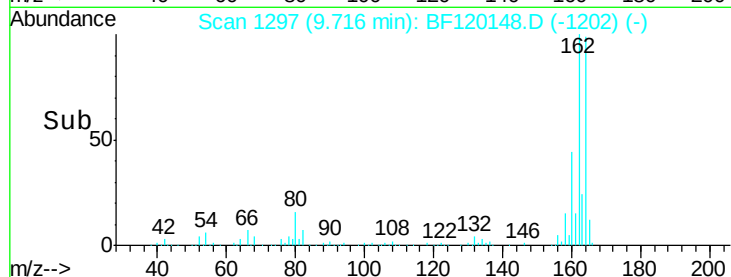
164 418.0 8.2 12.2#



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: 7.495 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

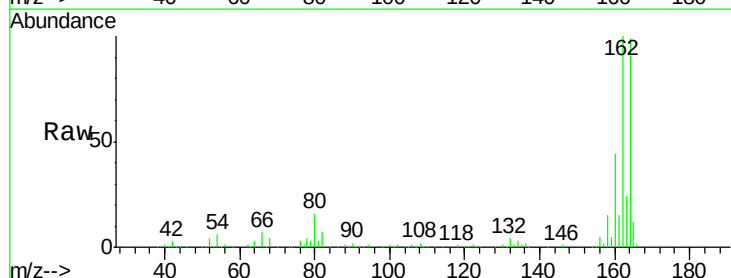
Tgt Ion:165 Resp: 32771

Ion Ratio Lower Upper

165 100

63 1.4 45.0 67.4#

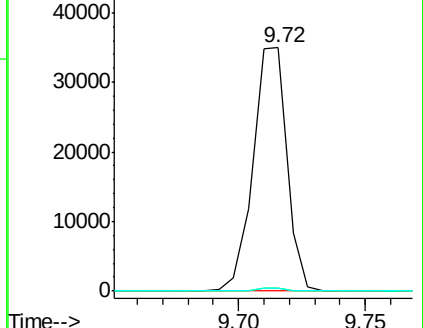
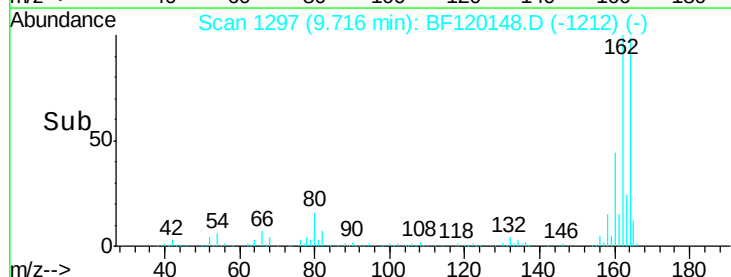
89 1.3 41.5 62.3#

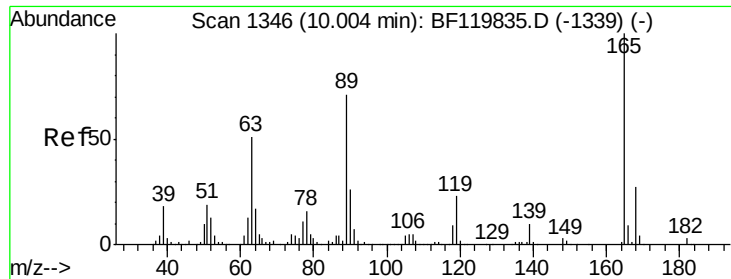


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

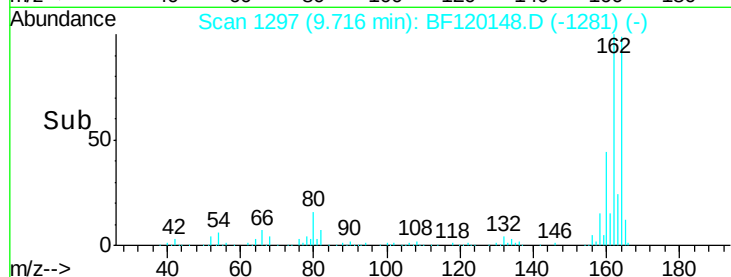
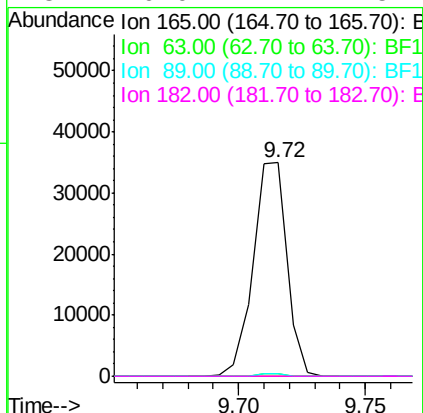
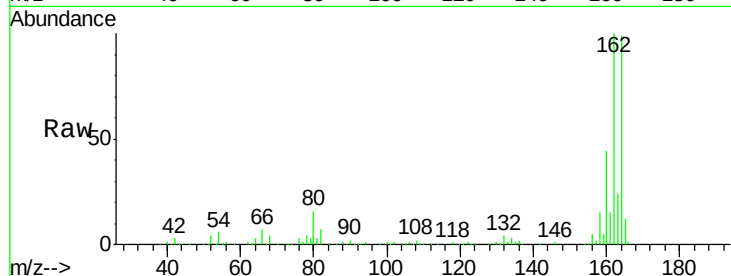




#57
 2,4-Dinitrotoluene
 Concen: 5.688 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

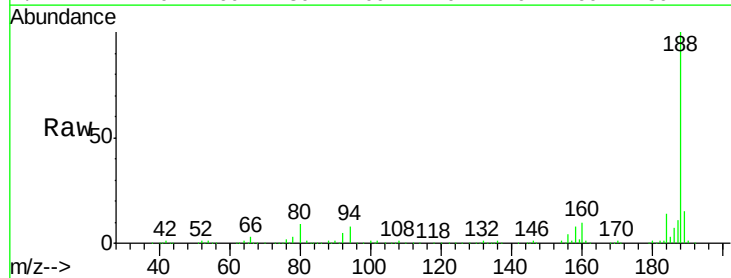
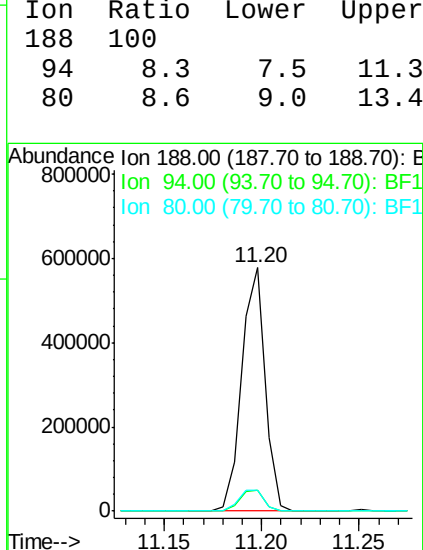
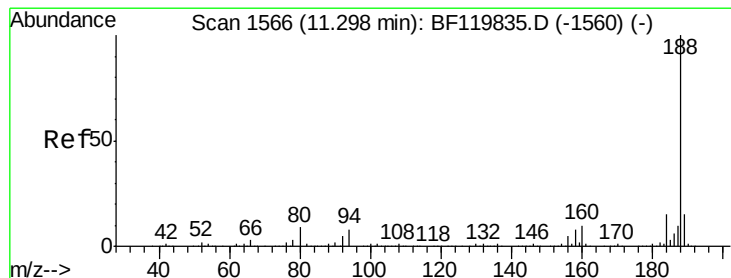
Instrument :
 BNA_F
 ClientSampled :
 TP-6-S

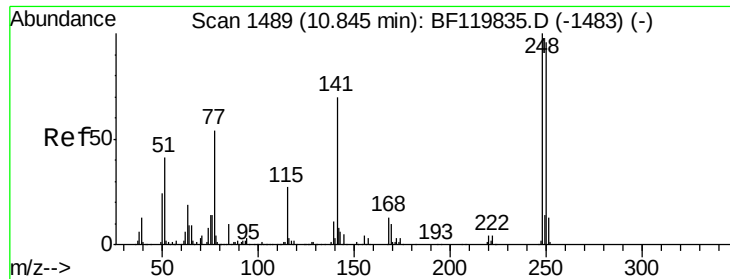
Tot Ion:165	Resp:	32771
Ion Ratio	Lower	Upper
165	100	
63	1.4	42.6 64.0#
89	1.3	61.0 91.4#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Tgt Ion:188	Resp:	479774
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.5 11.3
80	8.6	9.0 13.4#

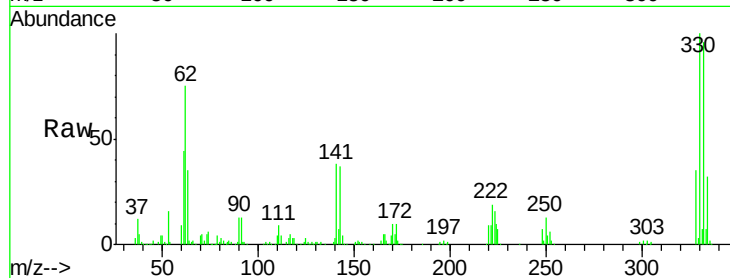




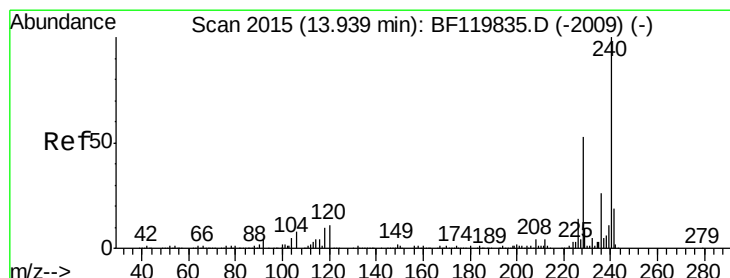
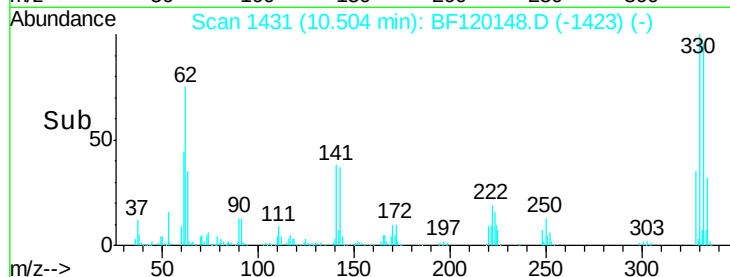
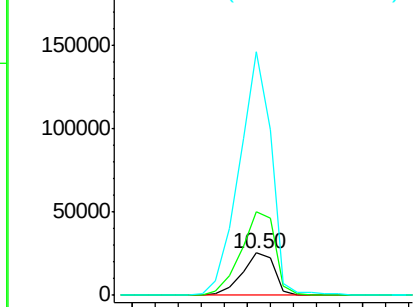
#67
 4-Bromophenyl-phenylether
 Concen: 4.289 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion:248 Resp: 25590
 Ion Ratio Lower Upper
 248 100
 250 199.0 77.3 115.9#
 141 575.6 58.6 87.8#

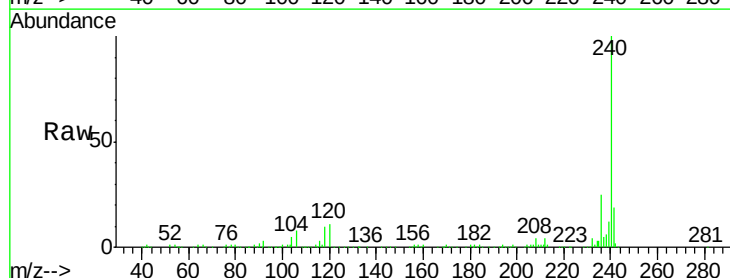


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

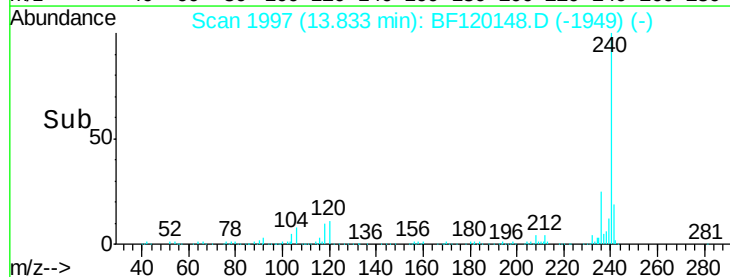
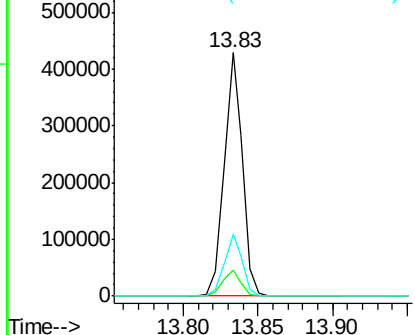


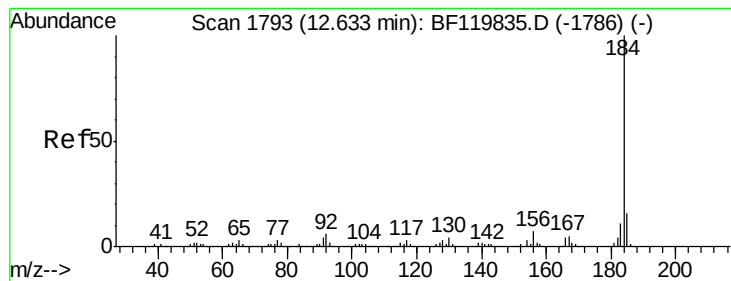
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Tgt Ion:240 Resp: 369073
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.6 15.8
 236 25.2 20.2 30.2



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: 5.540 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

Instrument :

BNA_F

ClientSampleId :

TP-6-S

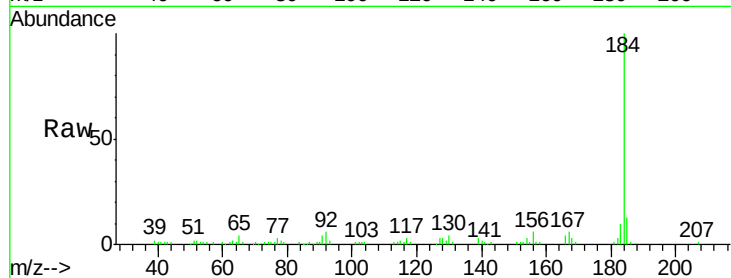
Tot Ion:184 Resp: 69117

Ion	Ratio	Lower	Upper
184	100		
185	12.6	12.3	18.5
183	10.3	9.0	13.6

184 100

185 12.6 12.3 18.5

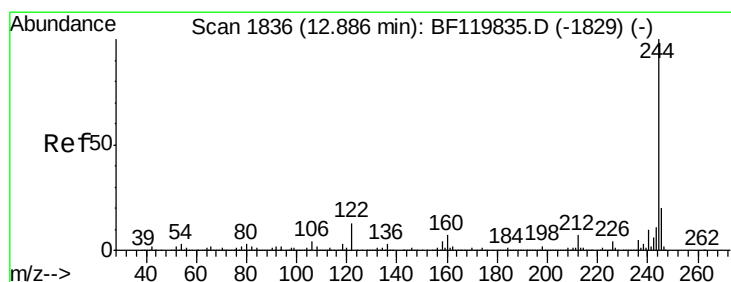
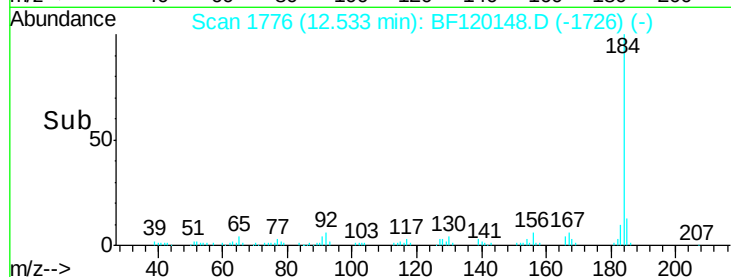
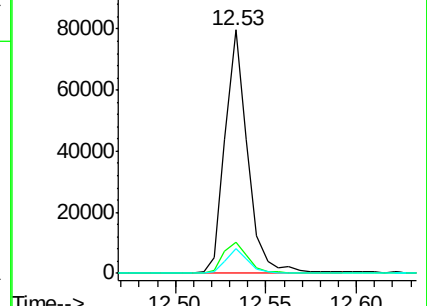
183 10.3 9.0 13.6



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: 95.382 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120148.D

Acq: 23 Apr 2020 2:56

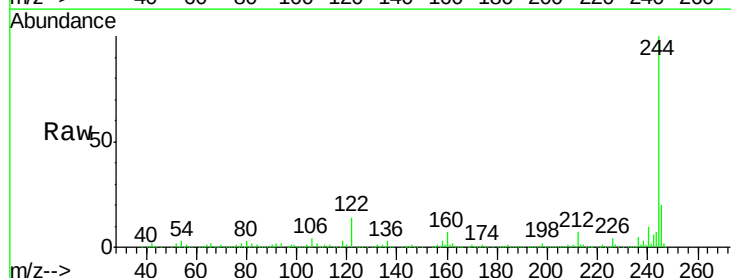
Tgt Ion:244 Resp: 2092101

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.5	10.3	15.5

244 100

212 6.7 5.8 8.8

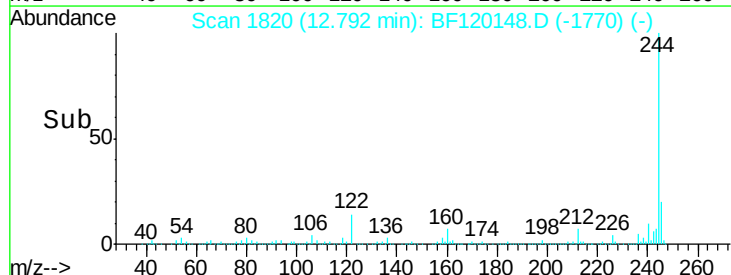
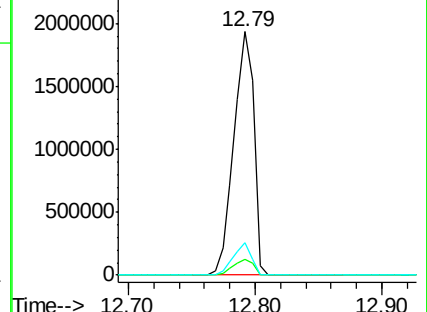
122 13.5 10.3 15.5

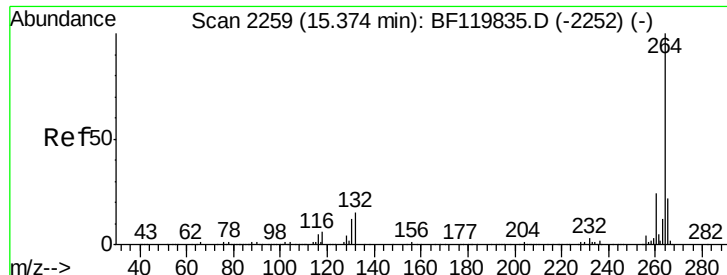


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

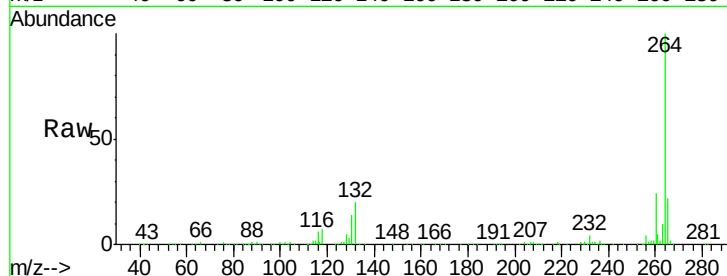




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF120148.D
 Acq: 23 Apr 2020 2:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.1	17.7	26.5



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

