

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120001.D
 Acq On : 15 Apr 2020 18:38
 Operator : MA/SJ
 Sample : L2245-43
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

Quant Time: Apr 16 01:15:36 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 15 11:01:23 2020
 Response via : Initial Calibration

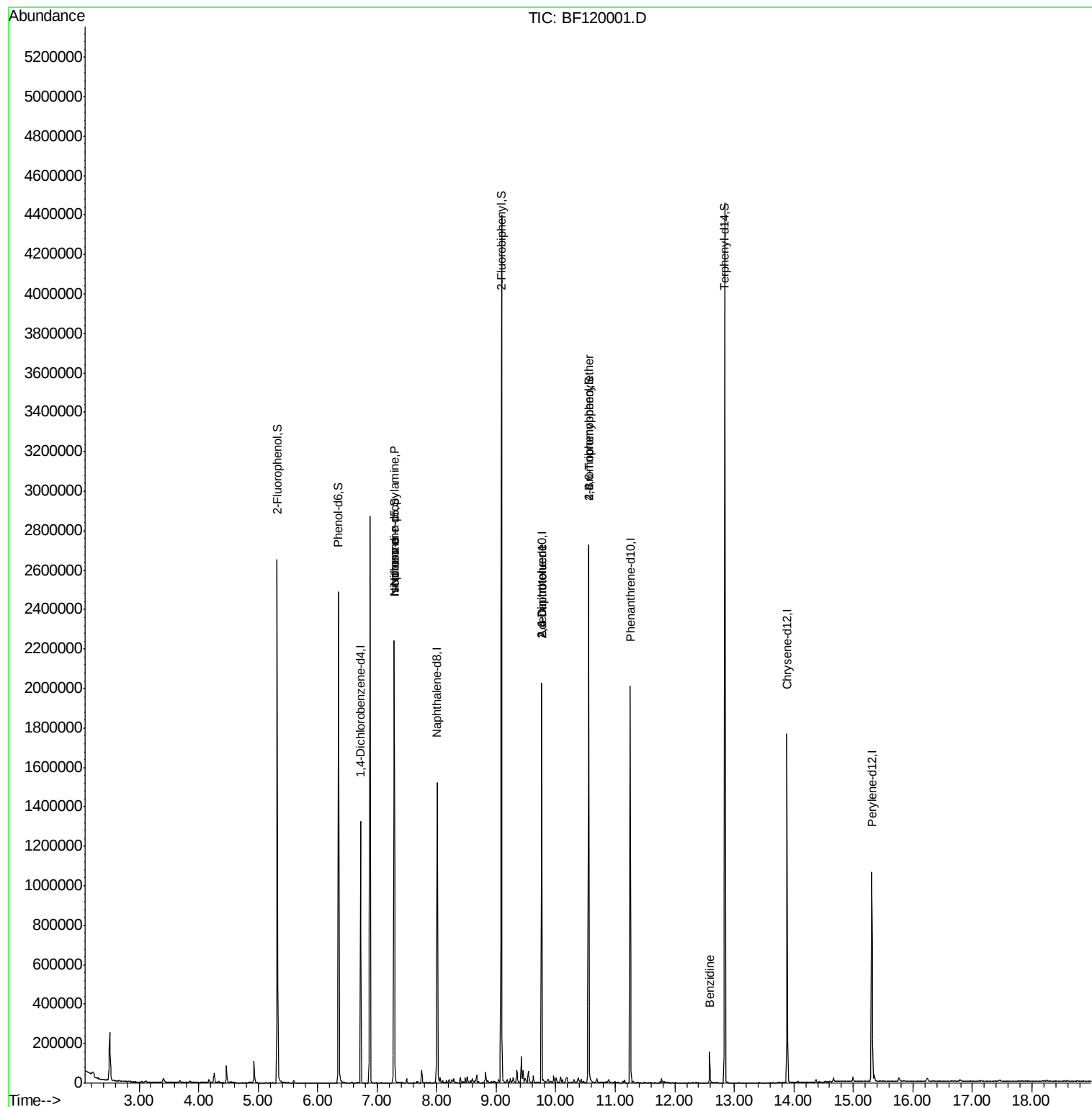
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	178879	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	694541	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	374815	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	743143	20.00	ng	0.00
76) Chrysene-d12	13.89	240	579165	20.00	ng	-0.01
87) Perylene-d12	15.31	264	475165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	742496	71.73	ng	0.00
7) Phenol-d6	6.35	99	843392	63.24	ng	-0.02
23) Nitrobenzene-d5	7.29	82	656900	48.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	291962	63.62	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1340448	50.78	ng	0.00
79) Terphenyl-d14	12.84	244	1643675	47.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	995	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	85273	9.943 ng	#	74
25) Isophorone	7.29	82	653210	25.240 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	49061	7.728 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	49061	5.865 ng	#	22
67) 4-Bromophenyl-phenylether	10.55	248	19306	2.089 ng	#	1
77) Benizidine	12.59	184	54903	2.804 ng		97

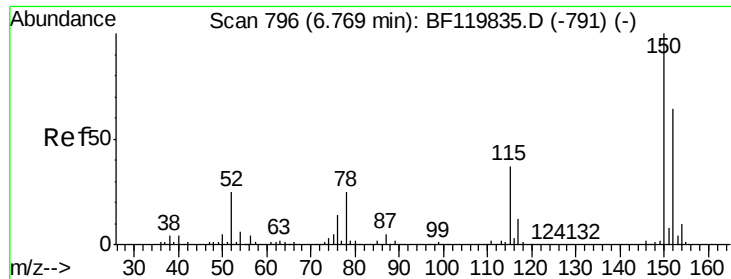
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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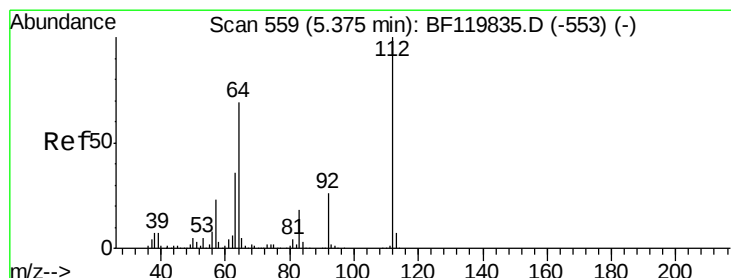
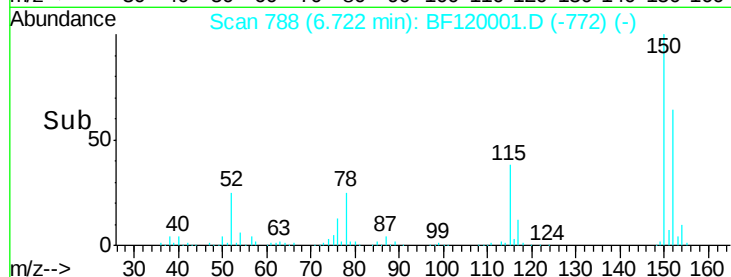
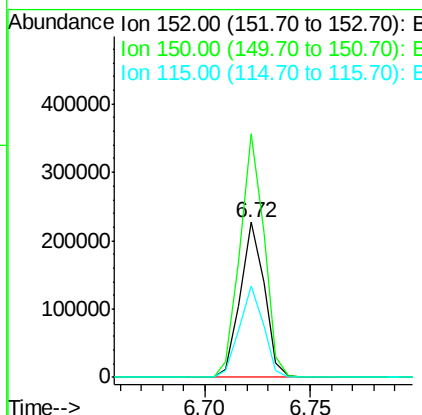
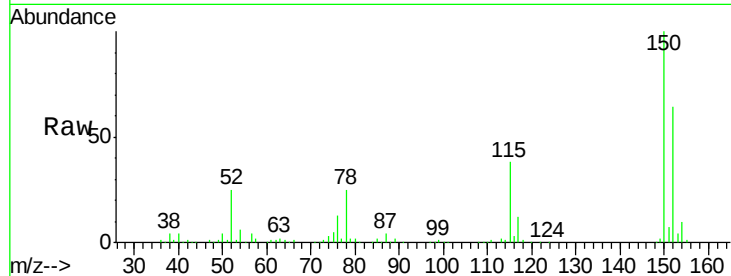


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

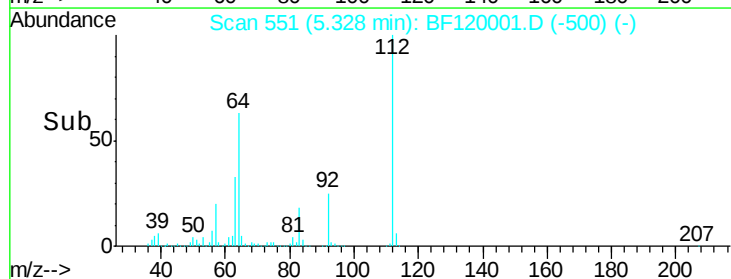
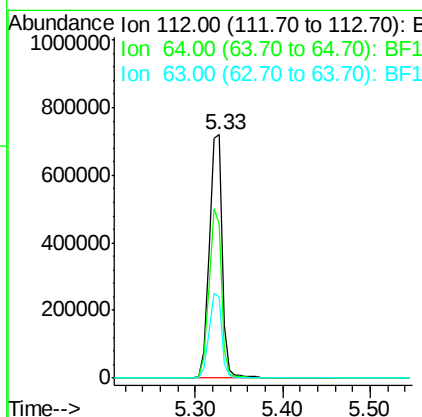
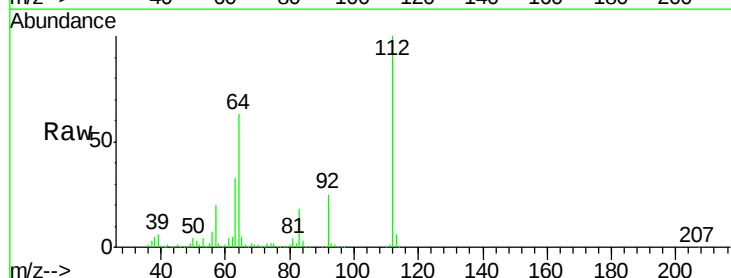
Tot Ion:152 Resp: 178879
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 59.3 46.5 69.7

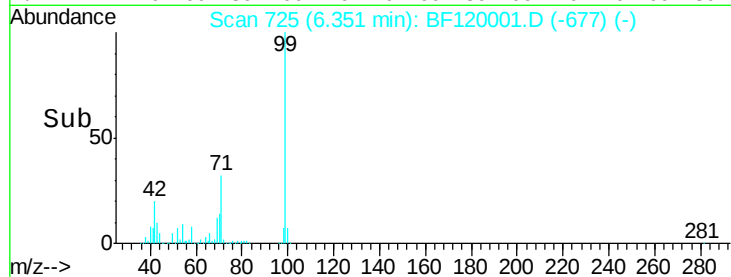
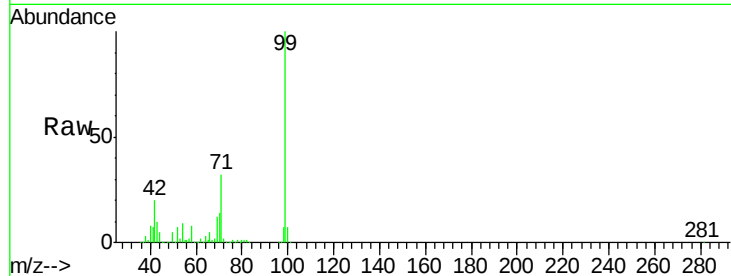


#5

2-Fluorophenol
Concen: 71.734 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Tgt Ion:112 Resp: 742496
Ion Ratio Lower Upper
112 100
64 63.2 55.5 83.3
63 33.0 29.1 43.7





#7

Phenol-d6

Concen: 63.235 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Instrument :

BNA_F

ClientSampleId :

TP-7-15

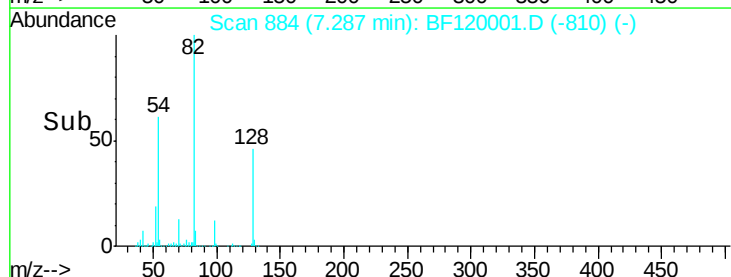
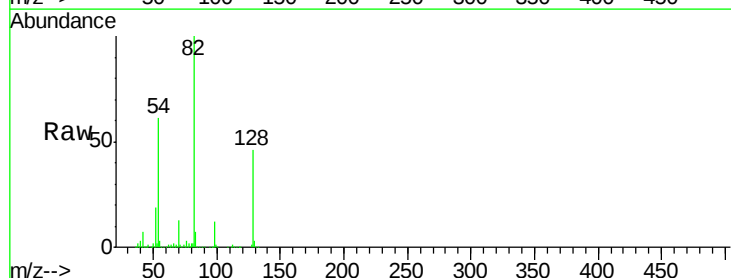
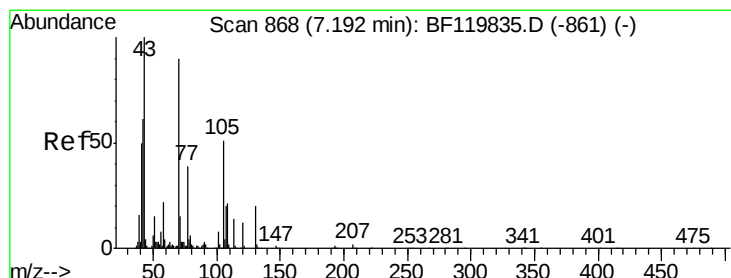
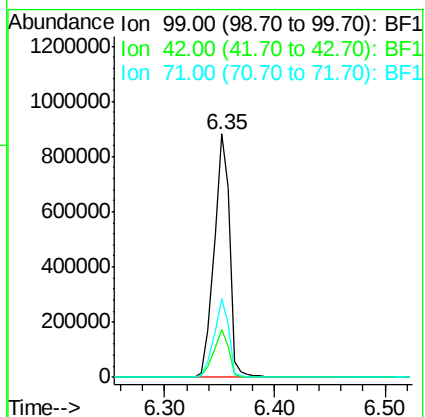
Tot Ion: 99 Resp: 843392

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

71 32.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 9.943 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Tgt Ion: 70 Resp: 85273

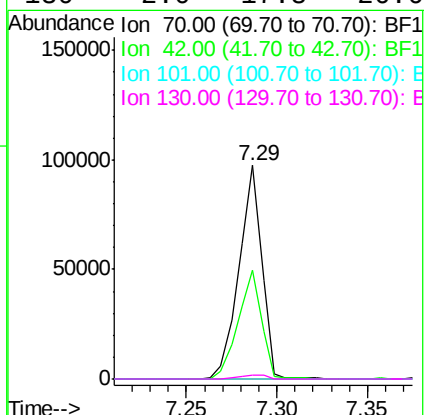
Ion Ratio Lower Upper

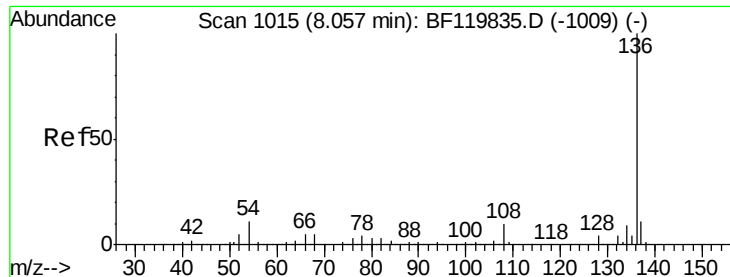
70 100

42 51.2 54.2 81.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.6#

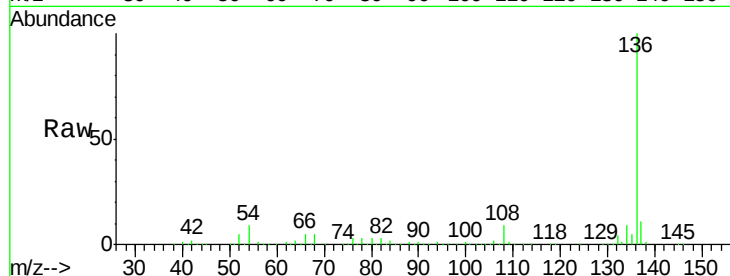




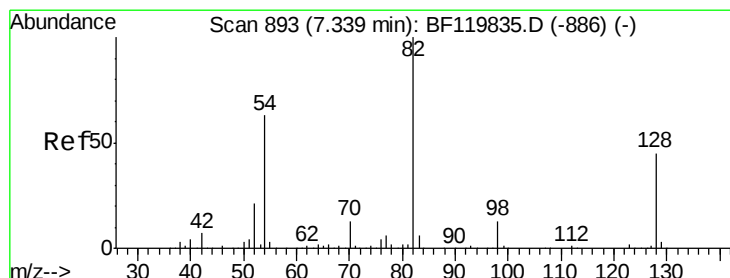
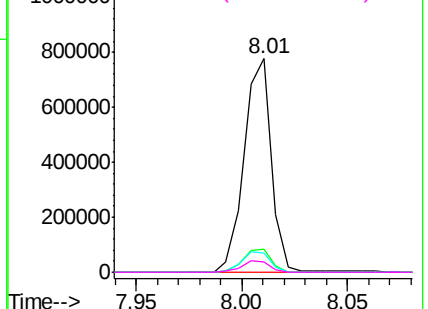
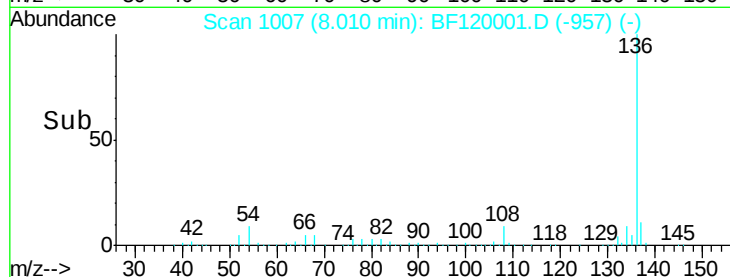
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion:136	Resp:	694541
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	9.3	8.5 12.7
68	4.9	3.9 5.9

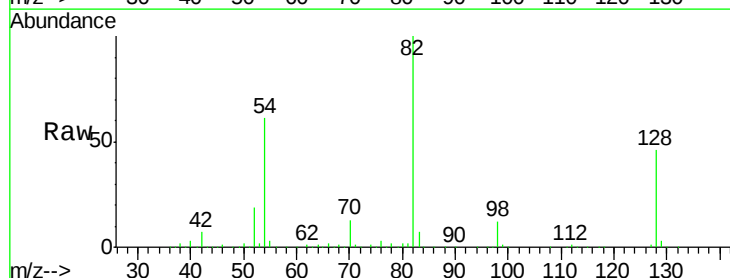


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

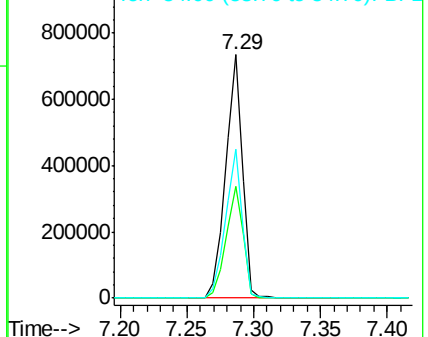
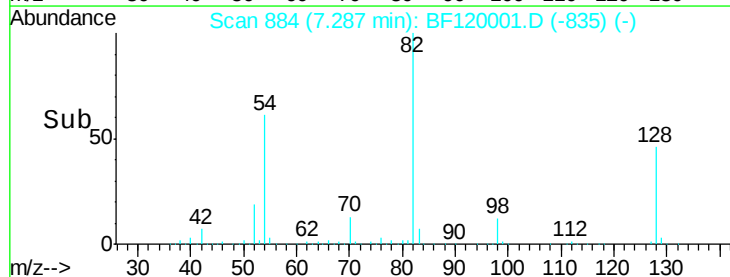


#23
Nitrobenzene-d5
Concen: 48.930 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Tgt Ion: 82	Resp:	656900
Ion	Ratio	Lower Upper
82	100	
128	46.0	36.2 54.4
54	61.2	50.4 75.6



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: 25.240 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Instrument :

BNA_F

ClientSampleId :

TP-7-15

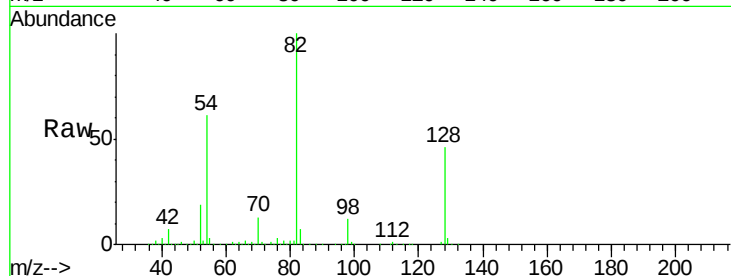
Tot Ion: 82 Resp: 653210

Ion Ratio Lower Upper

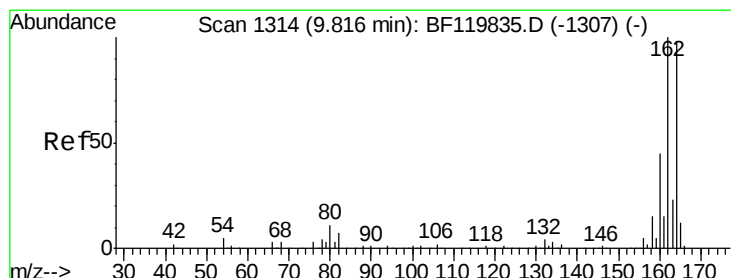
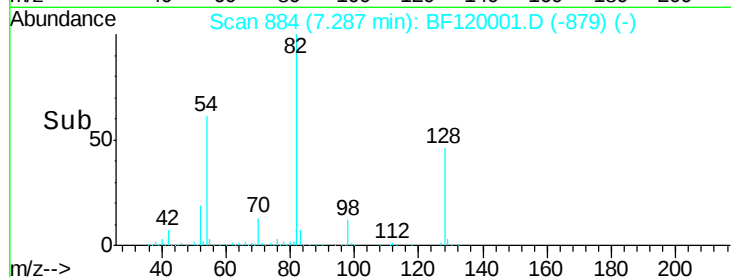
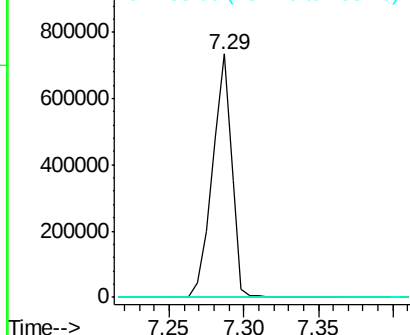
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

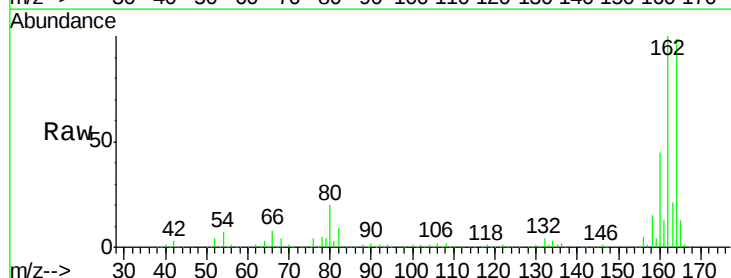
Tgt Ion:164 Resp: 374815

Ion Ratio Lower Upper

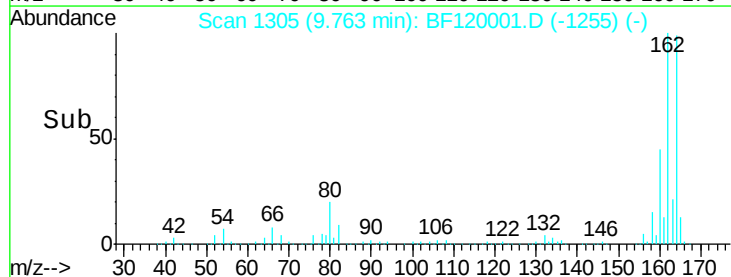
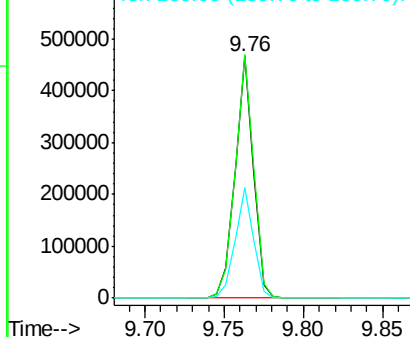
164 100

162 100.5 81.9 122.9

160 45.5 36.6 54.8



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

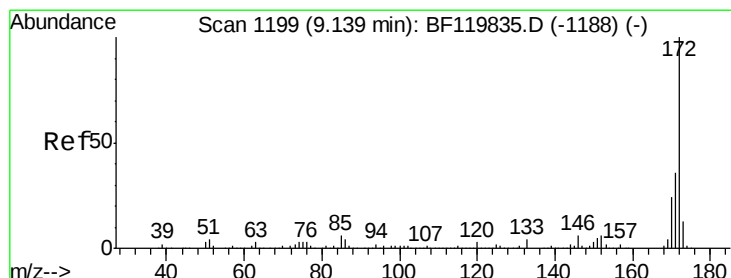
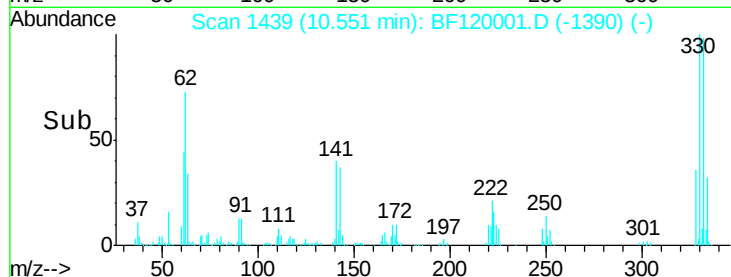
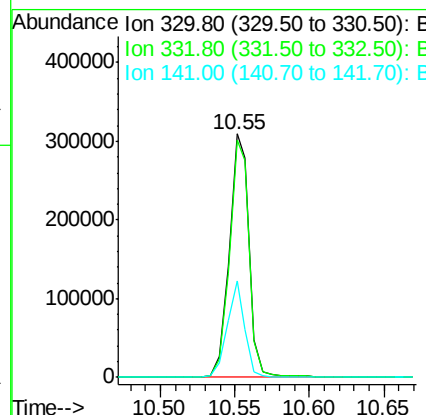
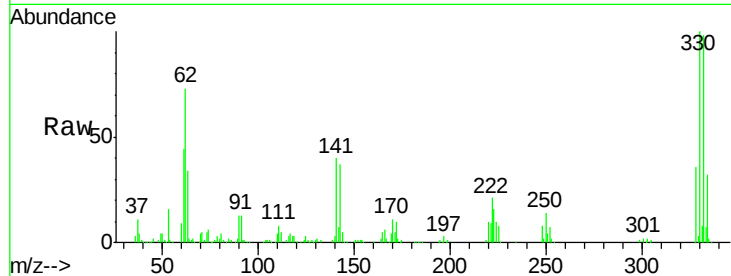




#42
 2,4,6-Tribromophenol
 Concen: 63.622 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

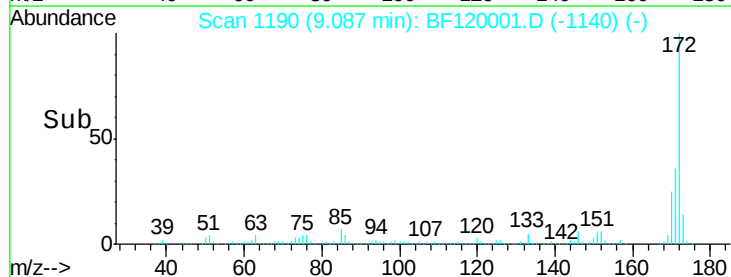
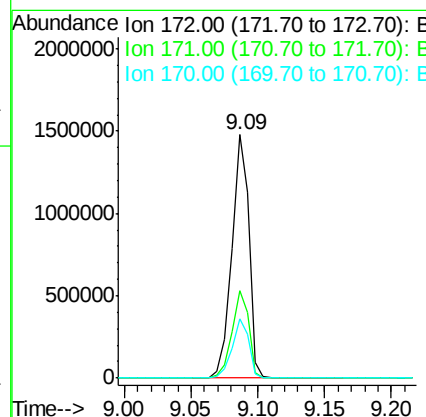
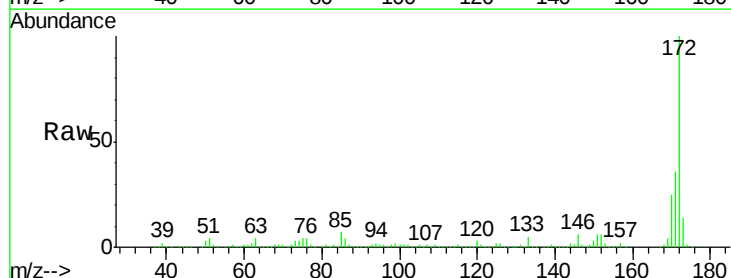
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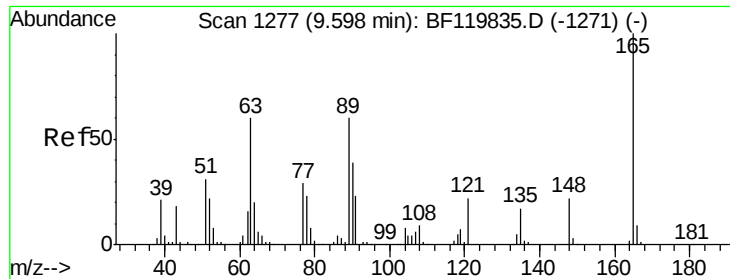
Tot Ion:330 Resp: 291962
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.8 115.2
 141 35.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 50.776 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Tgt Ion:172 Resp: 1340448
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.6 19.4 29.2

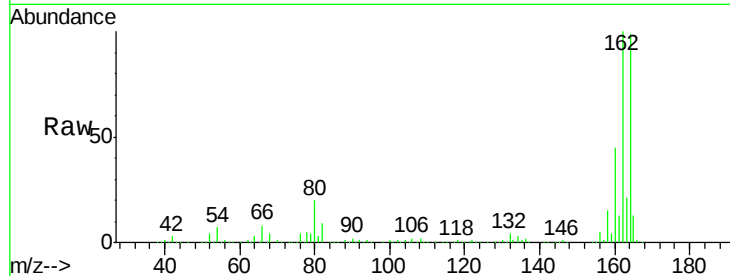




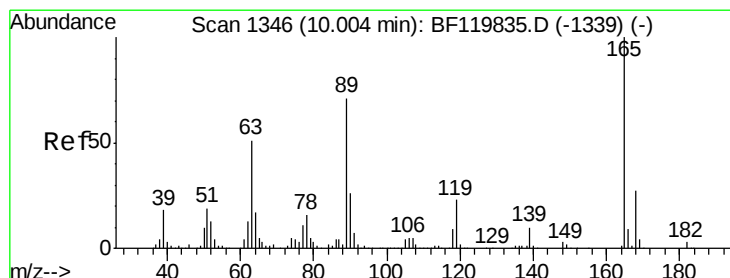
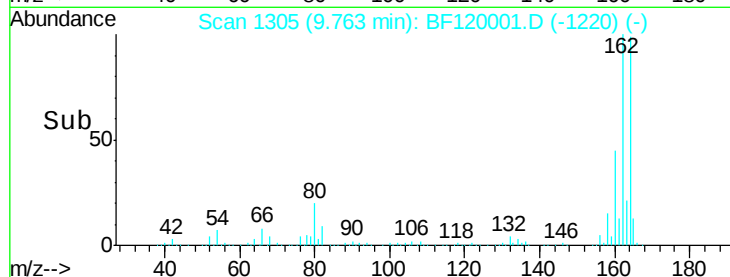
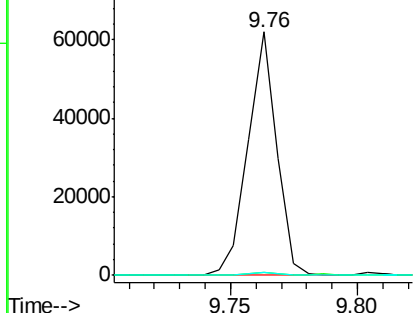
#51
 2,6-Dinitrotoluene
 Concen: 7.728 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	1.2	47.9	71.9#



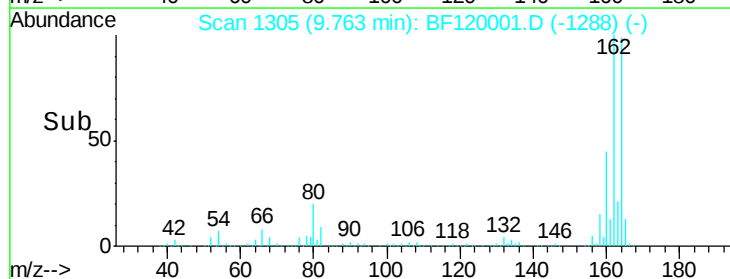
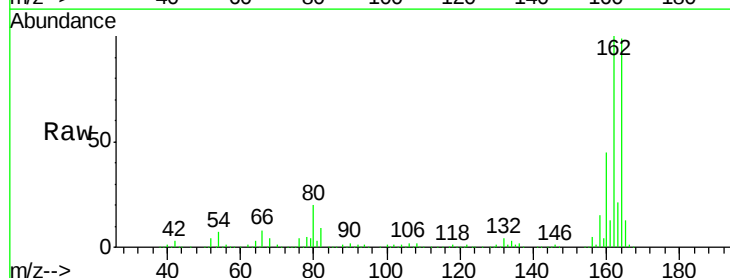
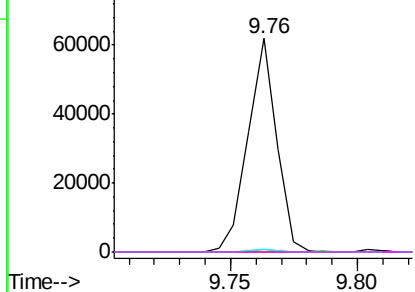
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

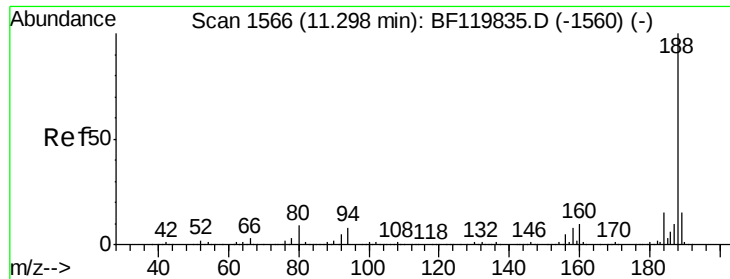


#57
 2,4-Dinitrotoluene
 Concen: 5.865 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	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

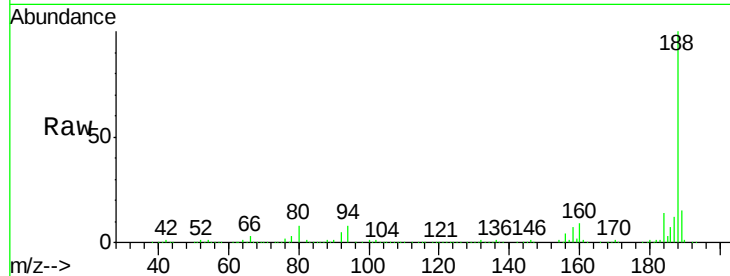




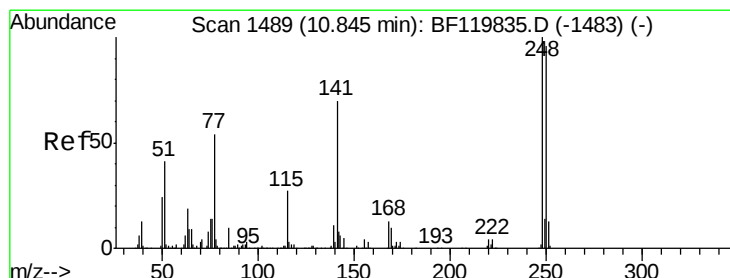
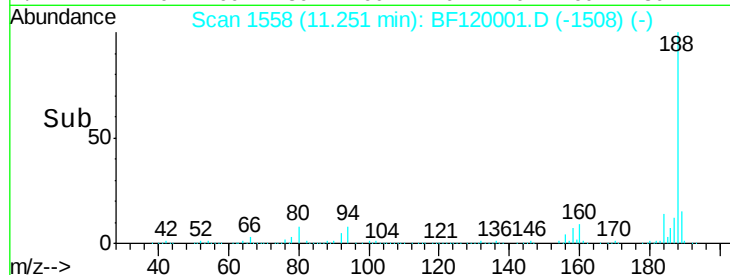
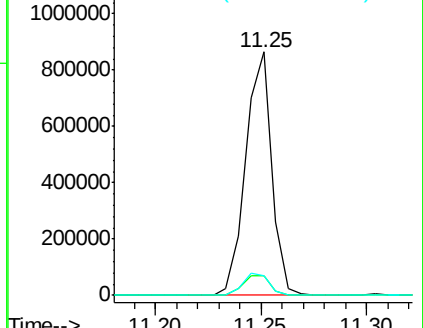
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Instrument :
BNA_F
ClientSampleId :
TP-7-15

Tot Ion:188 Resp: 743143
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.3 7.4 11.2

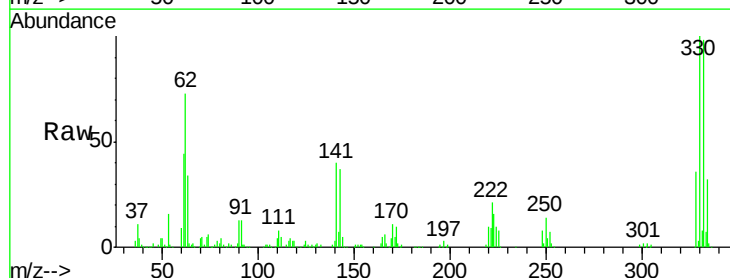


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

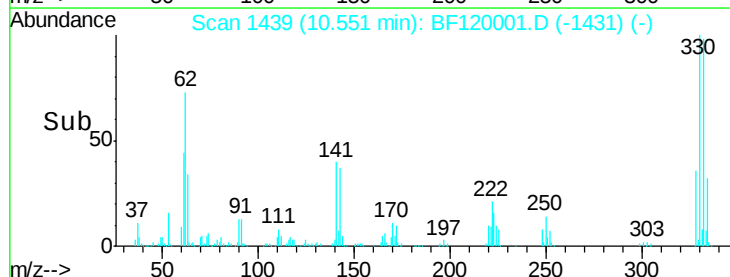
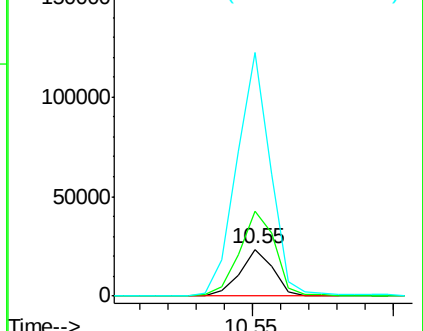


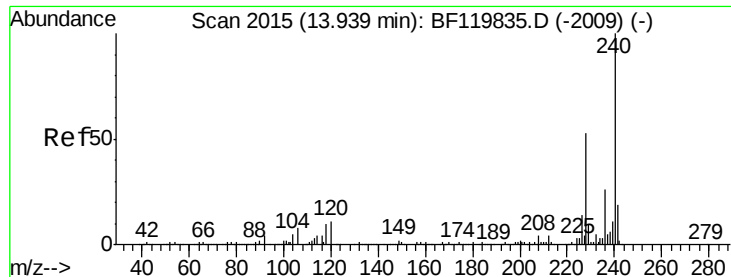
#67
4-Bromophenyl-phenylether
Concen: 2.089 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF120001.D
Acq: 15 Apr 2020 18:38

Tgt Ion:248 Resp: 19306
Ion Ratio Lower Upper
248 100
250 183.0 76.6 114.8#
141 522.8 55.9 83.9#



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

Instrument :

BNA_F

ClientSampleId :

TP-7-15

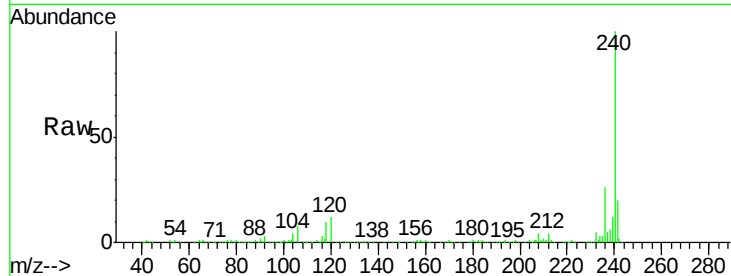
Tot Ion:240 Resp: 579165

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

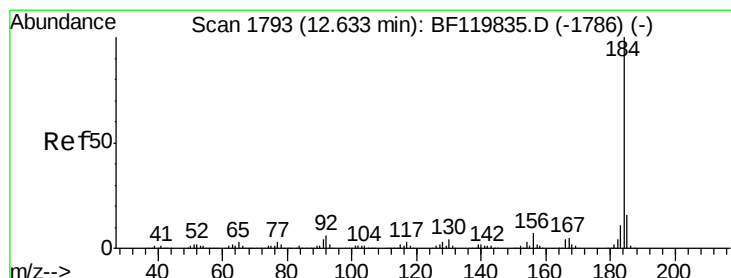
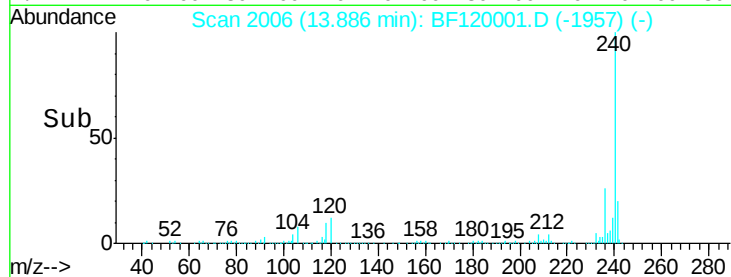
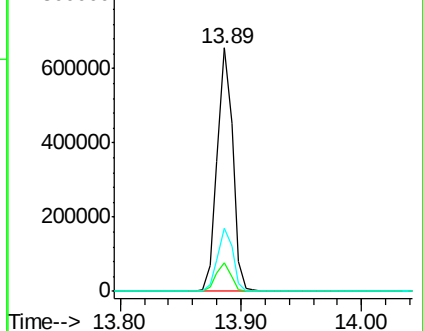
236 25.9 20.7 31.1



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: 2.804 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120001.D

Acq: 15 Apr 2020 18:38

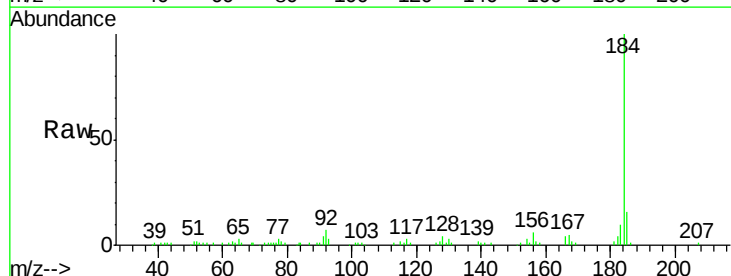
Tgt Ion:184 Resp: 54903

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

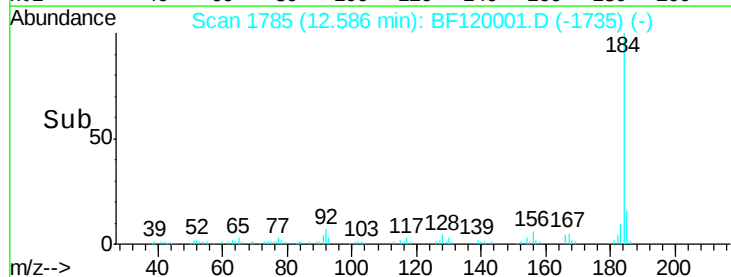
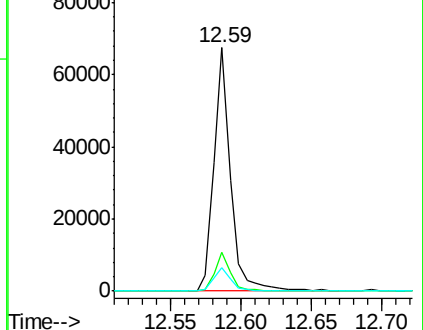
183 9.6 9.1 13.7

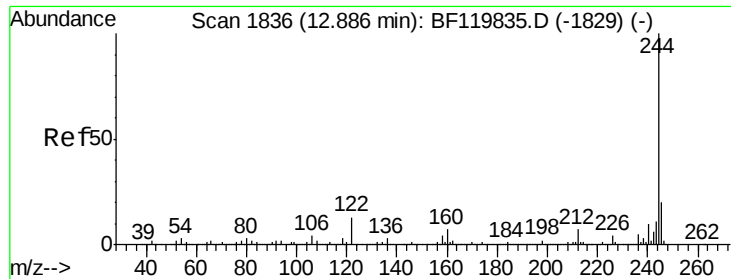


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

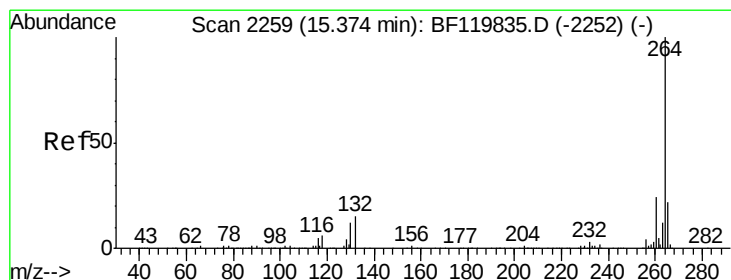
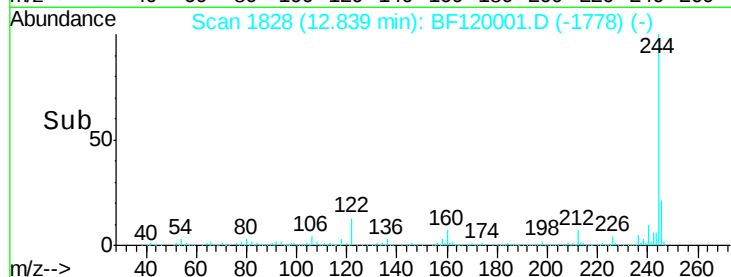
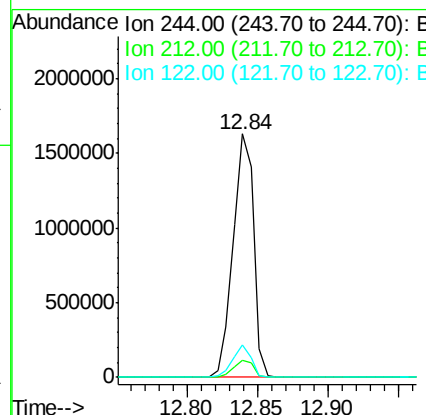
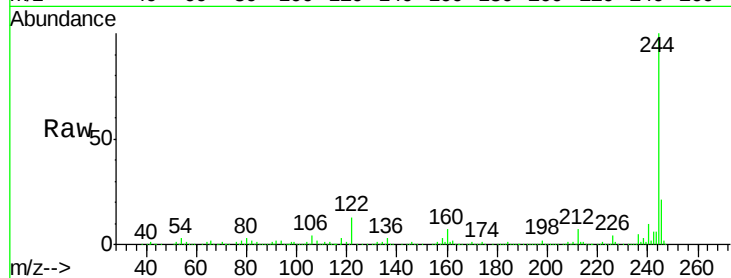




#79
 Terphenyl-d14
 Concen: 47.754 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-15

Tot Ion:244 Resp: 1643675
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF120001.D
 Acq: 15 Apr 2020 18:38

Tgt Ion:264 Resp: 475165
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.8 17.6 26.4

