

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120231.D
 Acq On : 27 Apr 2020 20:48
 Operator : MA/SJ
 Sample : L2405-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:14:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

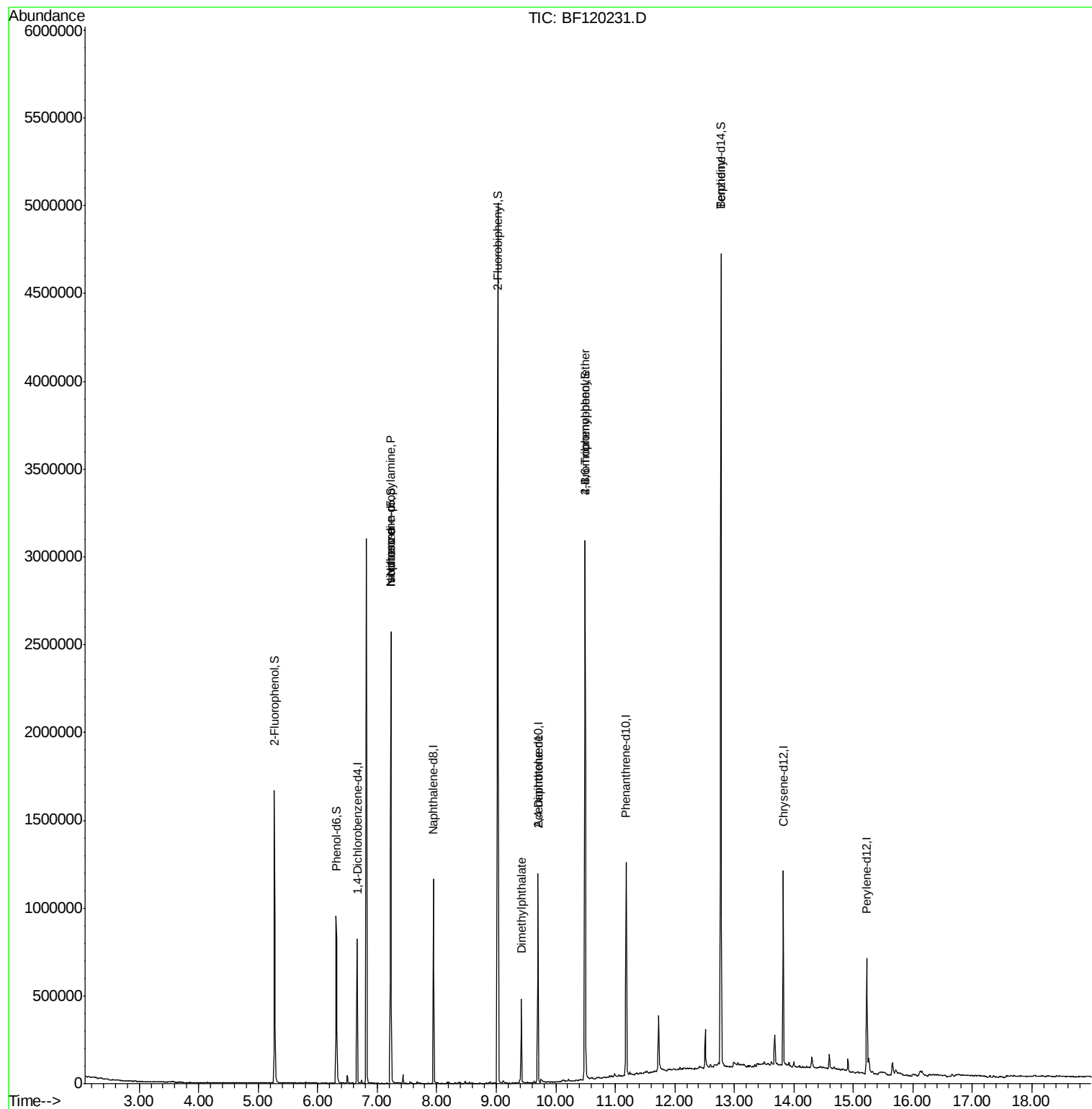
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	126057	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	485561	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	230138	20.00	ng	-0.01
64) Phenanthrene-d10	11.18	188	486198	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	354919	20.00	ng	-0.02
87) Perylene-d12	15.23	264	264196	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	430649	59.04	ng	0.00
7) Phenol-d6	6.31	99	317307	33.76	ng	-0.02
23) Nitrobenzene-d5	7.23	82	855950	91.20	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	377483	133.97	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1603975	98.95	ng	0.00
79) Terphenyl-d14	12.78	244	1879530	89.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	254	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	113359	18.756 ng	#	73
25) Isophorone	7.23	82	855942	47.308 ng	#	65
50) Dimethylphthalate	9.42	163	176025	9.889 ng	#	99
57) 2,4-Dinitrotoluene	9.70	165	29644	5.772 ng	#	21
67) 4-Bromophenyl-phenylether	10.49	248	22793	3.770 ng	#	1
77) Benizidine	12.77	184	24251	2.021 ng	#	95

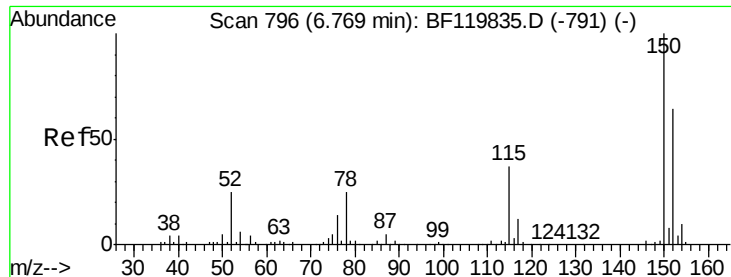
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120231.D
Acq On : 27 Apr 2020 20:48
Operator : MA/SJ
Sample : L2405-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 28 01:14:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration



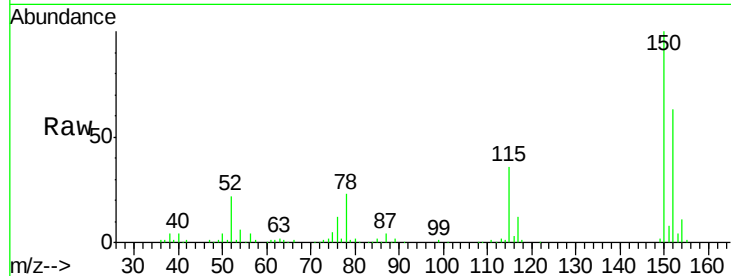


#1

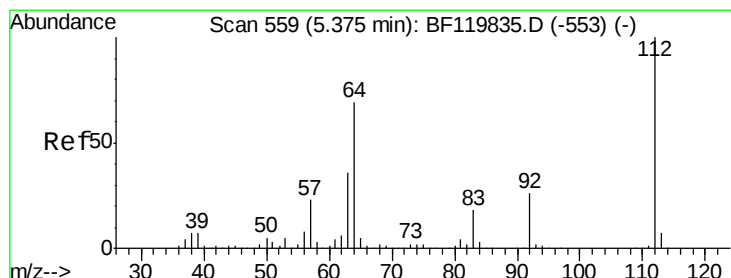
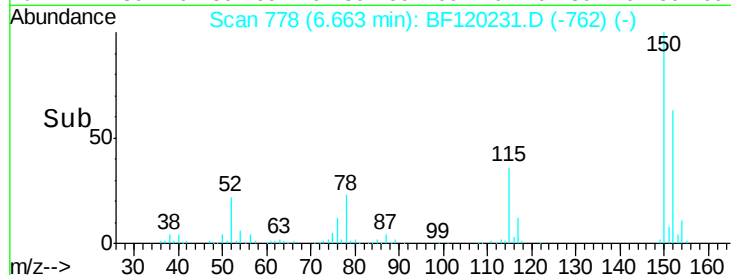
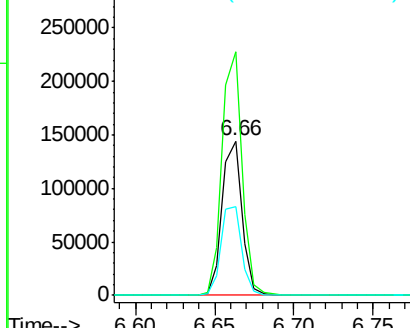
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120231.D
Acq: 27 Apr 2020 20:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.5	186.7
115	57.2	49.6	74.4



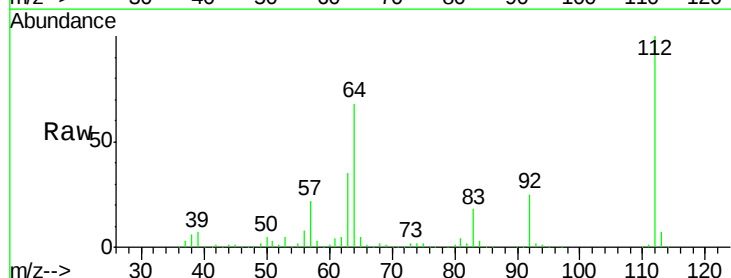
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



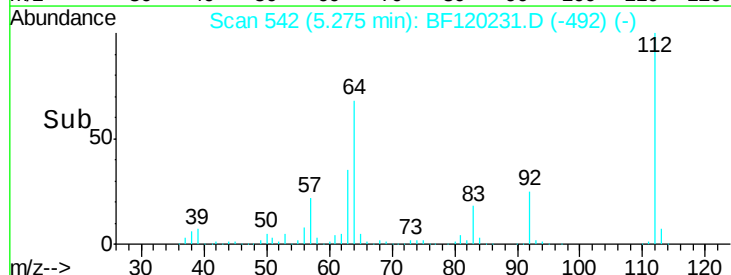
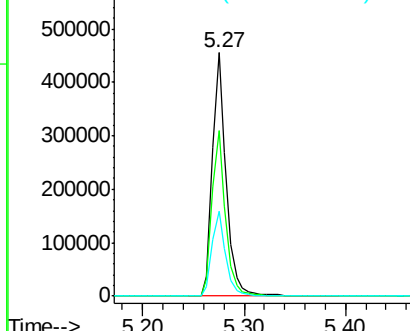
#5

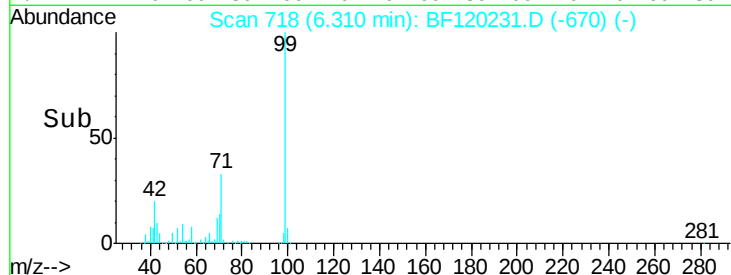
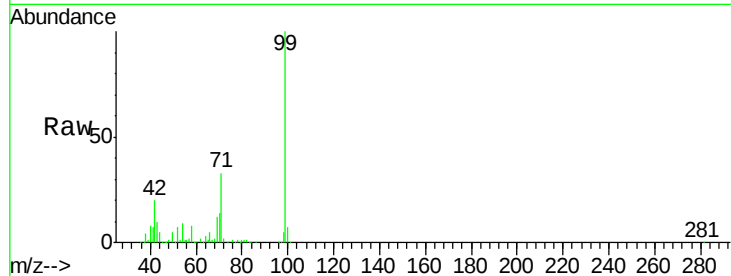
2-Fluorophenol
Concen: 59.040 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120231.D
Acq: 27 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.7	85.1
63	34.6	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: 33.760 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Instrument :

BNA_F

ClientSampled :

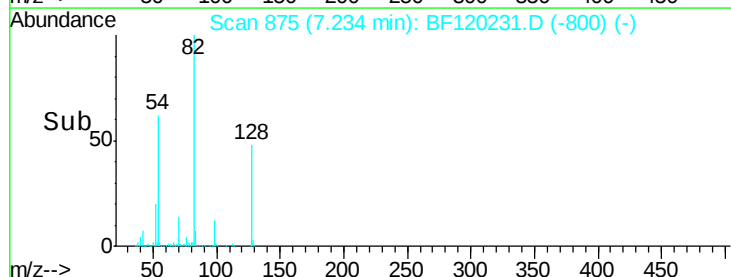
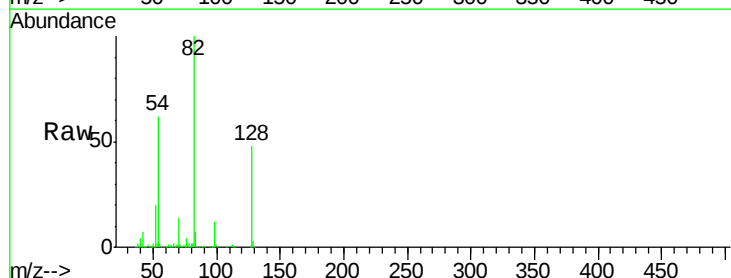
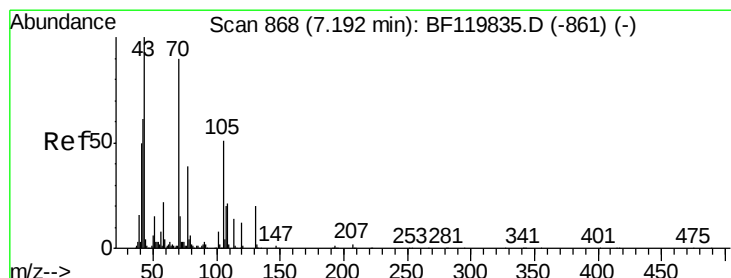
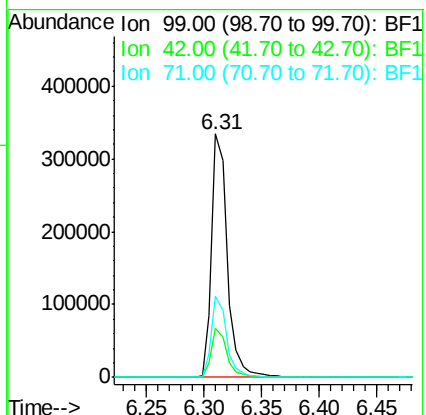
Tot Ion: 99 Resp: 317307

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 33.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.756 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Tgt Ion: 70 Resp: 113359

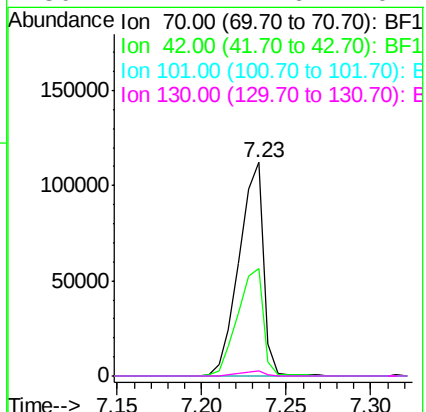
Ion Ratio Lower Upper

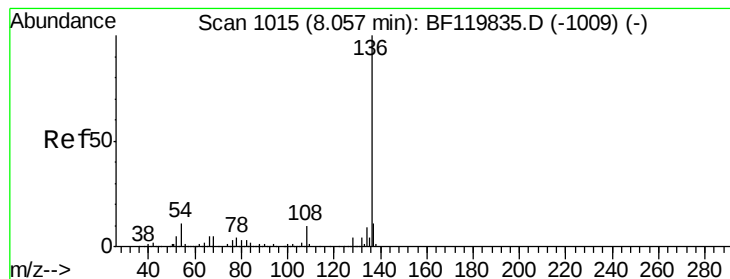
70 100

42 50.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120231.D

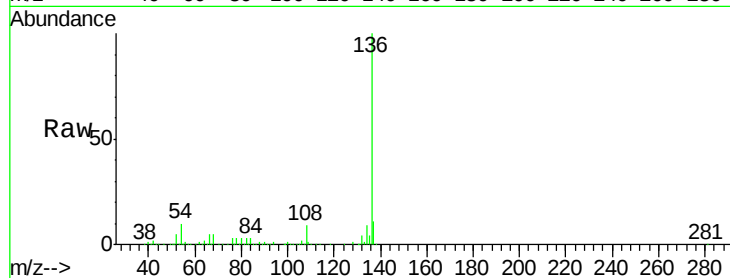
Acq: 27 Apr 2020 20:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	485561
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.4	9.1 13.7
68	5.3	4.6 6.8

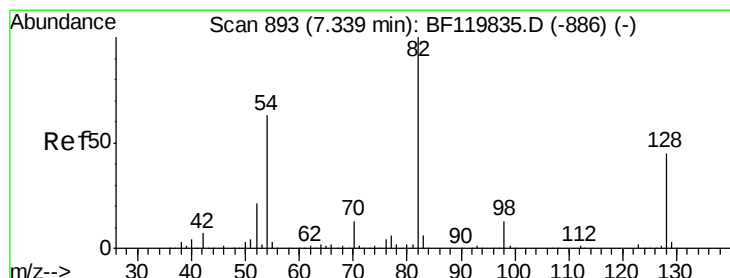
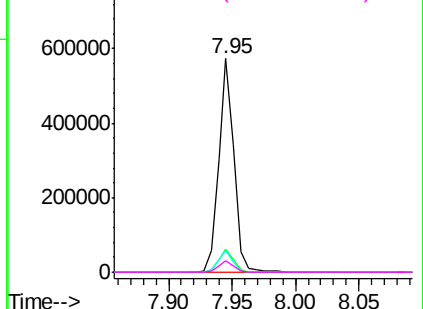
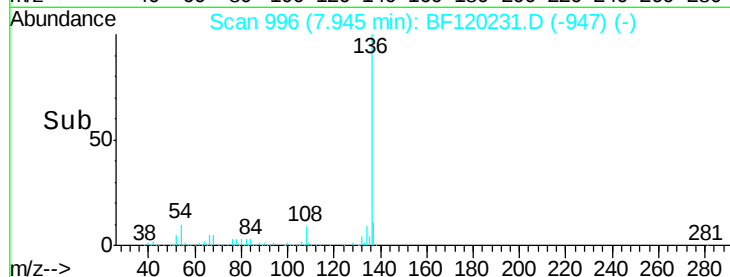


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.196 ng

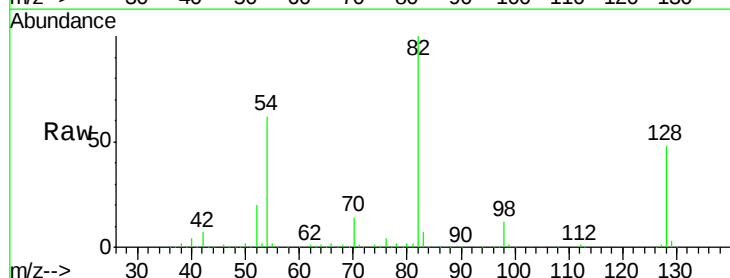
RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

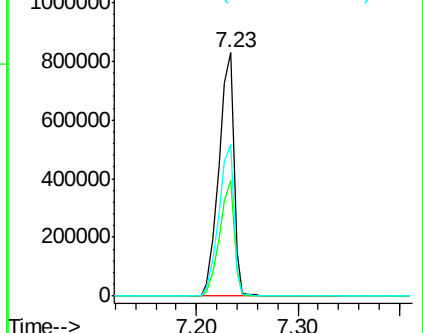
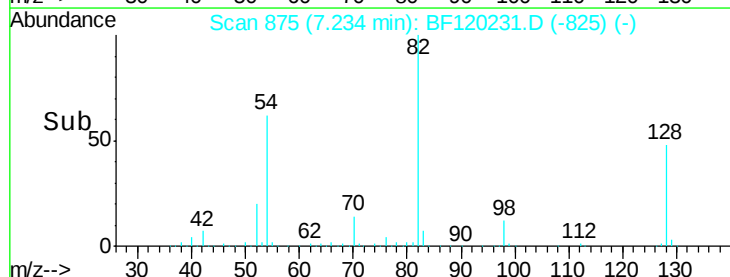
Tgt Ion: 82	Resp:	855950
Ion Ratio	Lower	Upper
82	100	
128	47.6	36.3 54.5
54	62.3	50.6 75.8

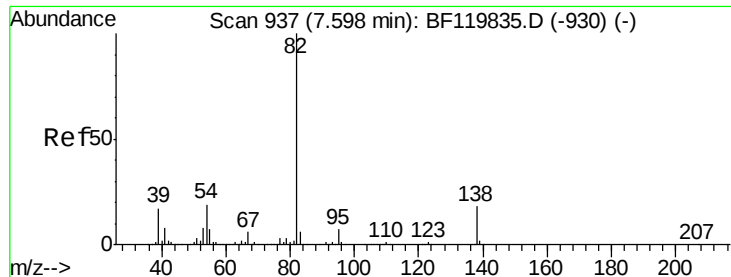


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

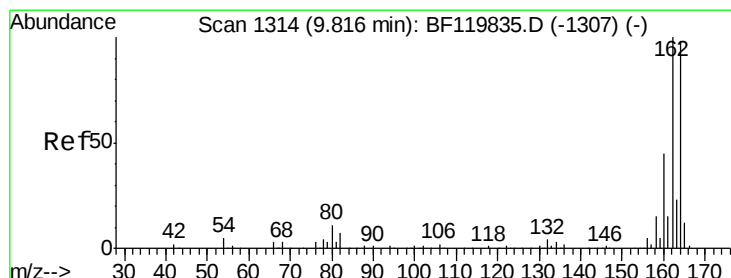
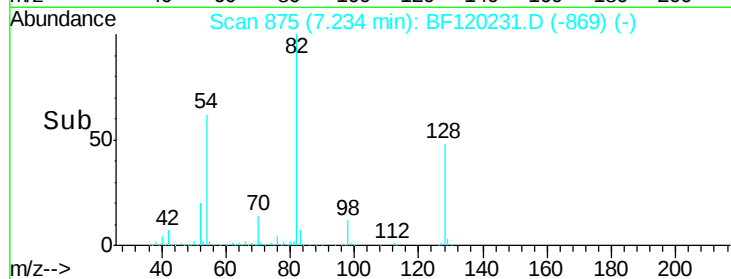
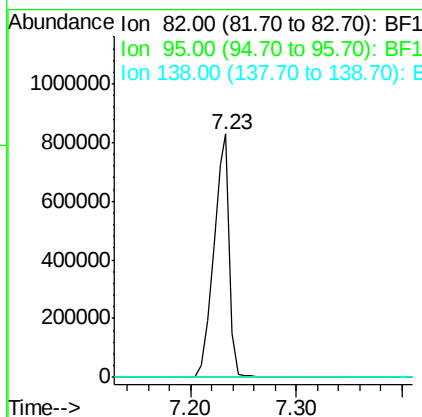
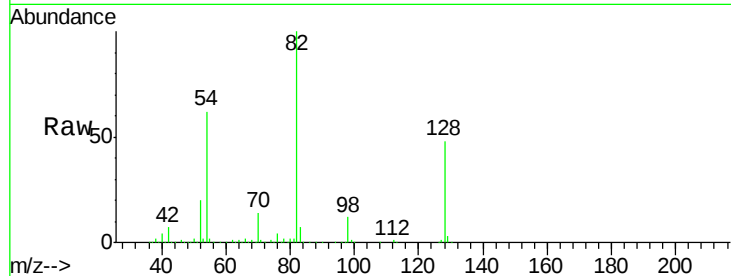




#25
Isophorone
Concen: 47.308 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.26 min
Lab File: BF120231.D
Acq: 27 Apr 2020 20:48

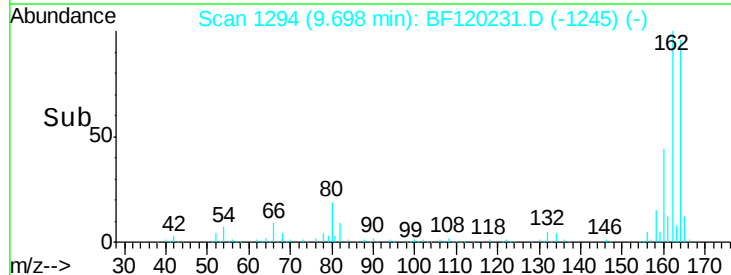
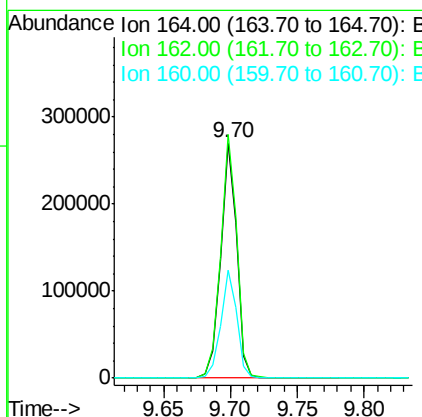
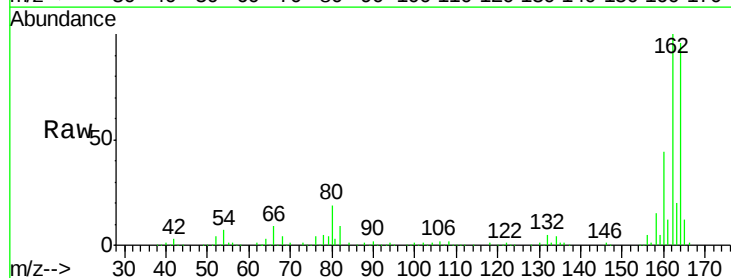
Instrument :
BNA_F
ClientSampleId :

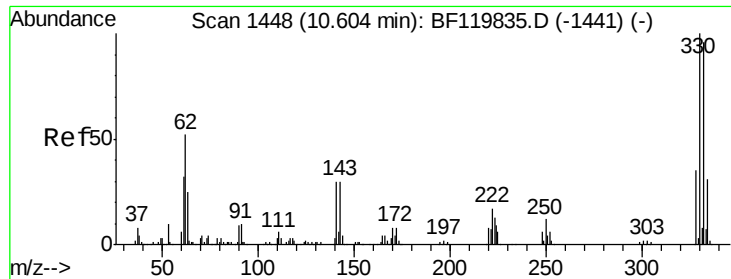
Tot Ion: 82 Resp: 855942
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120231.D
Acq: 27 Apr 2020 20:48

Tgt Ion:164 Resp: 230138
Ion Ratio Lower Upper
164 100
162 103.6 80.6 121.0
160 46.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 133.970 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Instrument :

BNA_F

ClientSampleId :

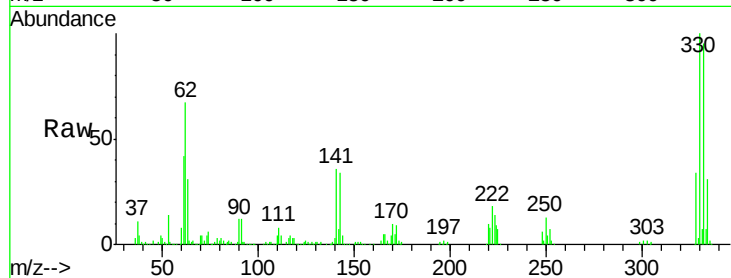
Tot Ion:330 Resp: 377483

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

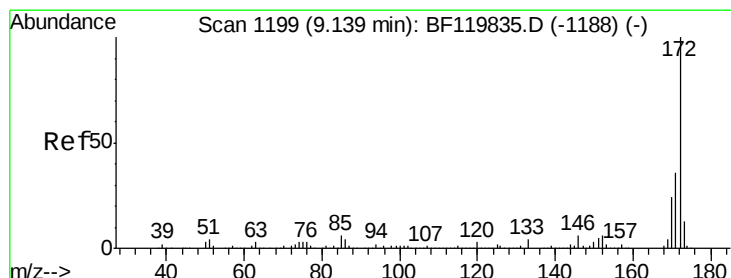
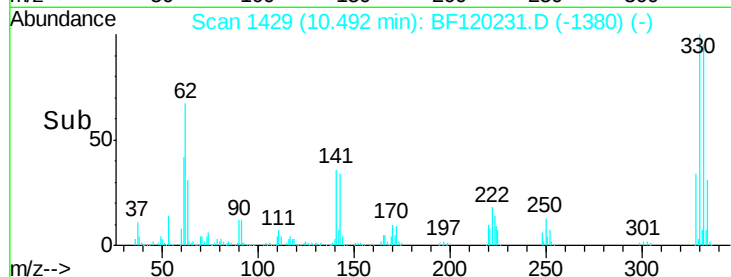
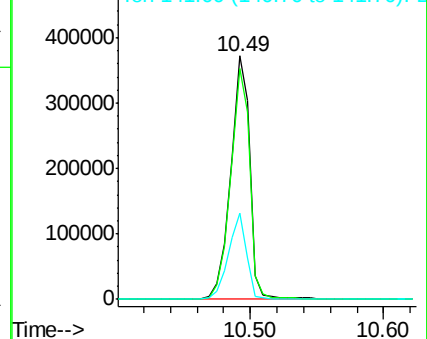
141 33.7 25.4 38.0



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: 98.953 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

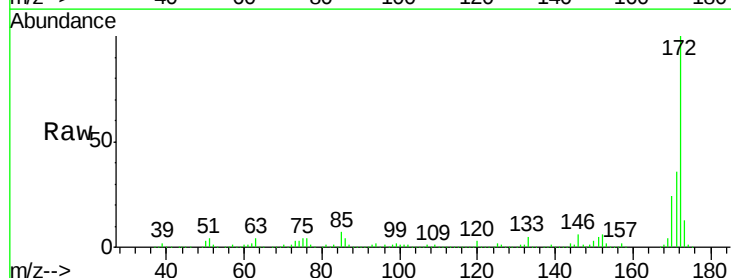
Tgt Ion:172 Resp: 1603975

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

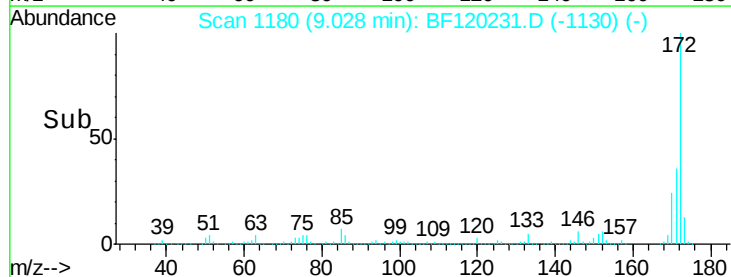
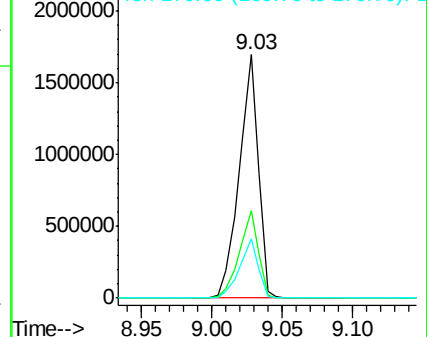
170 24.2 20.2 30.2

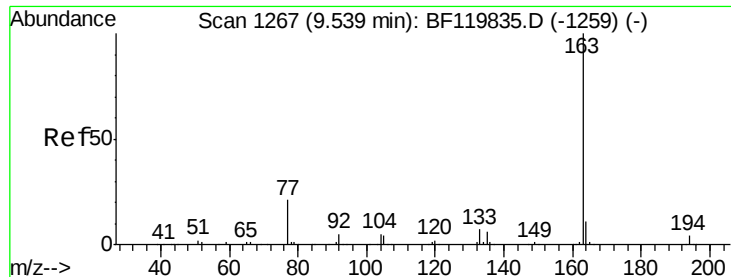


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.889 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Instrument :

BNA_F

ClientSampled :

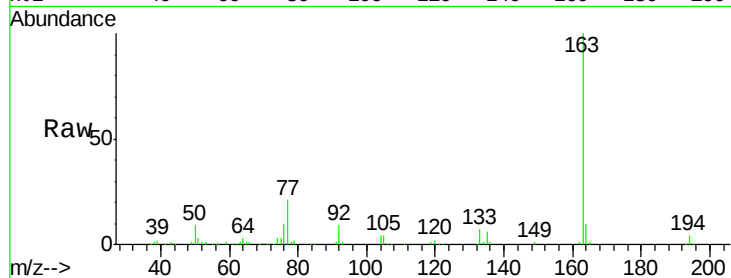
Tot Ion:163 Resp: 176025

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

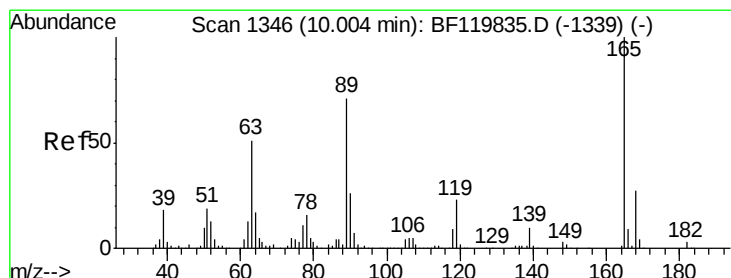
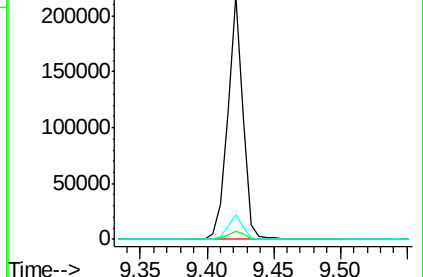
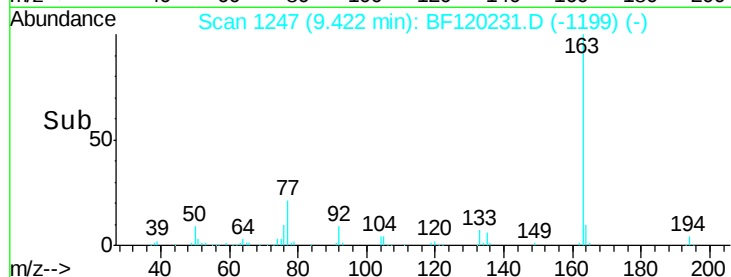
164 10.4 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.772 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Tgt Ion:165 Resp: 29644

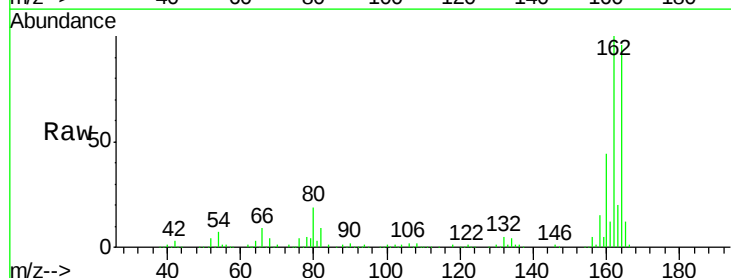
Ion Ratio Lower Upper

165 100

63 2.1 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

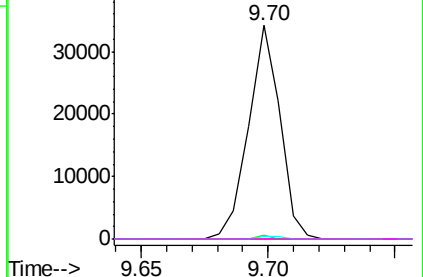
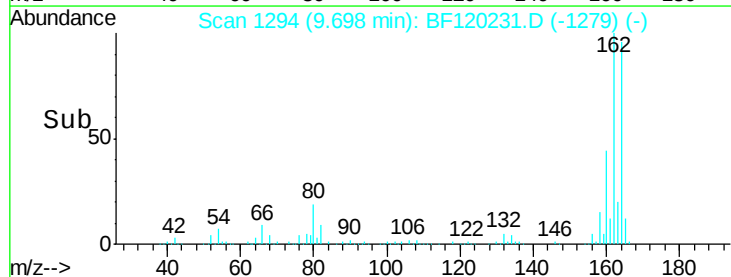


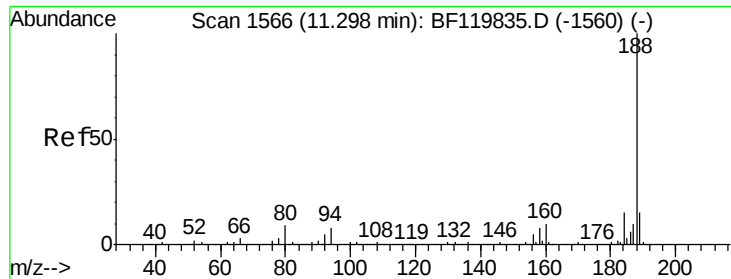
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

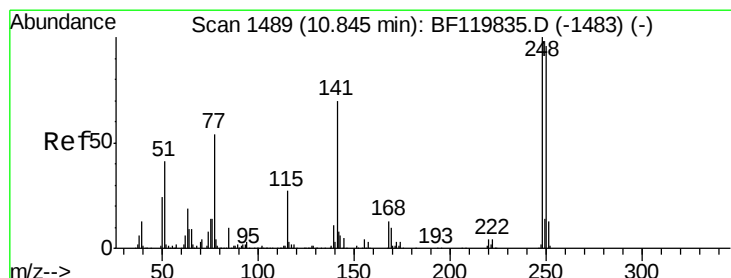
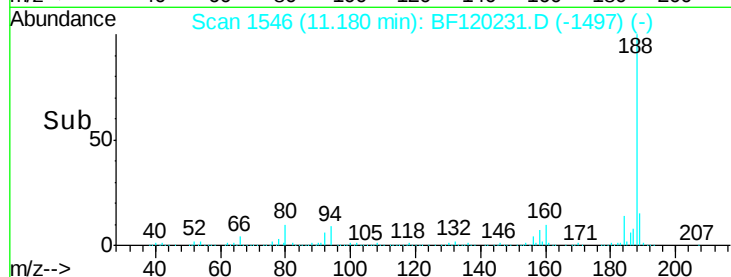
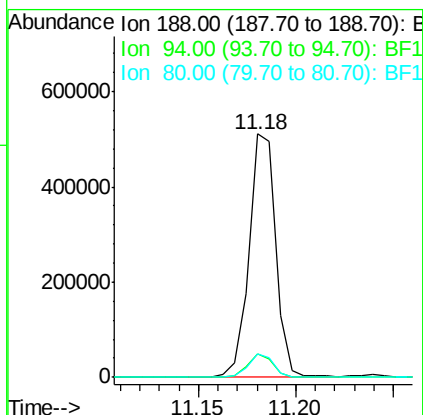
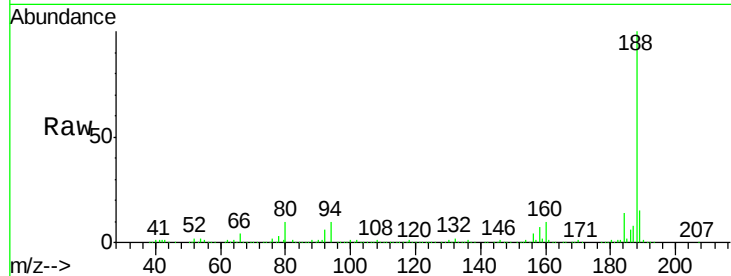




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120231.D
 Acq: 27 Apr 2020 20:48

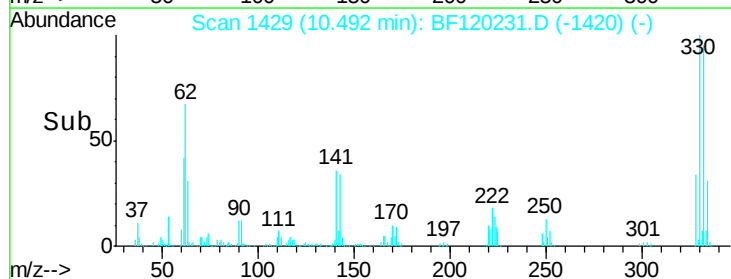
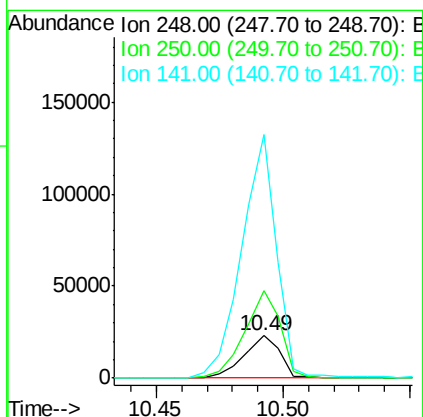
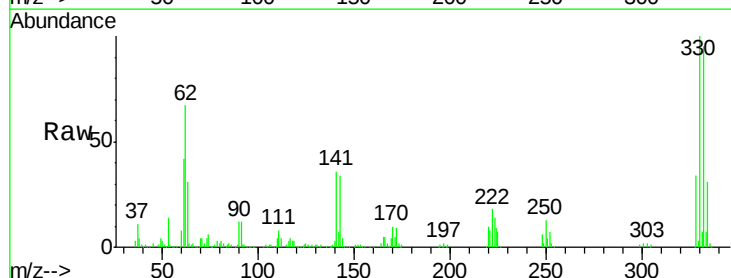
Instrument :
 BNA_F
 ClientSampleId :

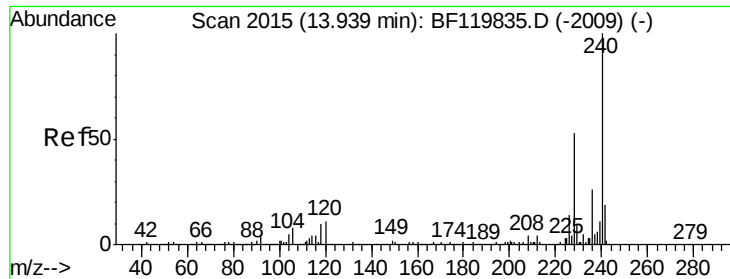
Tot Ion:188 Resp: 486198
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.5 11.3
 80 9.8 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.770 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.25 min
 Lab File: BF120231.D
 Acq: 27 Apr 2020 20:48

Tgt Ion:248 Resp: 22793
 Ion Ratio Lower Upper
 248 100
 250 207.7 77.3 115.9#
 141 575.6 58.6 87.8#

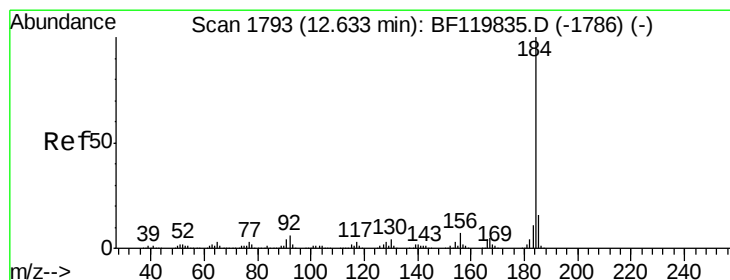
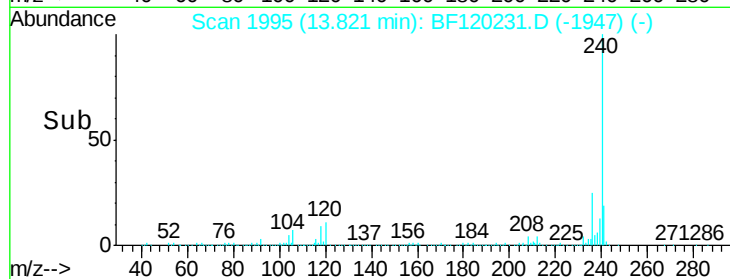
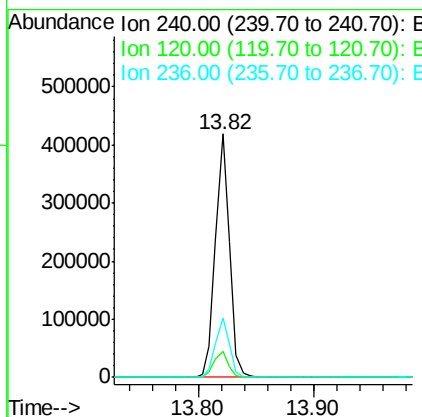
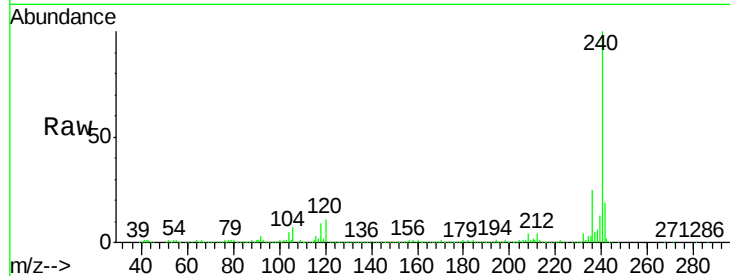




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF120231.D
 Acq: 27 Apr 2020 20:48

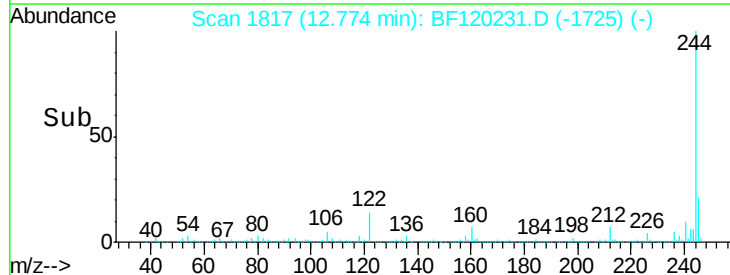
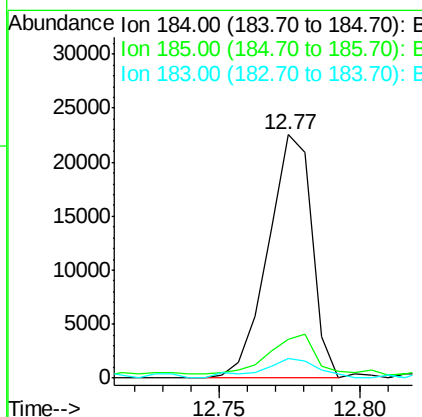
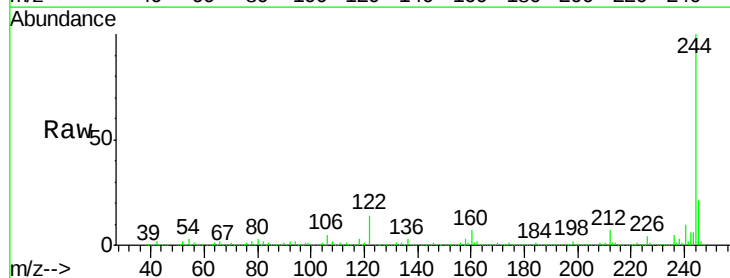
Instrument :
 BNA_F
 ClientSampleID :

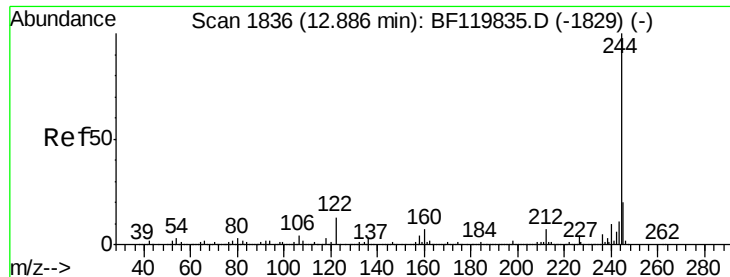
Tot Ion:240 Resp: 354919
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.6 15.8
 236 24.6 20.2 30.2



#77
 Benzidine
 Concen: 2.021 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.24 min
 Lab File: BF120231.D
 Acq: 27 Apr 2020 20:48

Tgt Ion:184 Resp: 24251
 Ion Ratio Lower Upper
 184 100
 185 16.1 12.3 18.5
 183 8.1 9.0 13.6#





#79

Terphenyl-d14

Concen: 89.108 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

Instrument :

BNA_F

ClientSampleId :

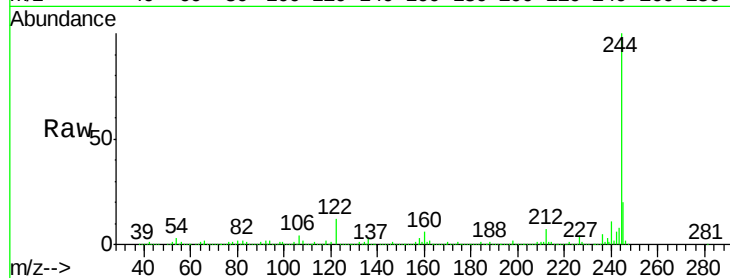
Tot Ion:244 Resp: 1879530

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

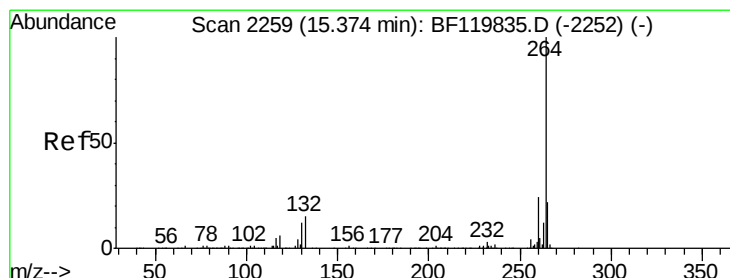
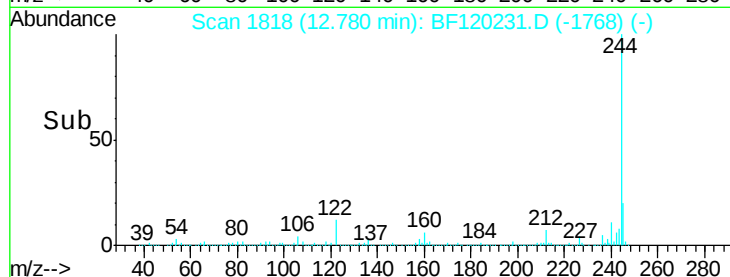
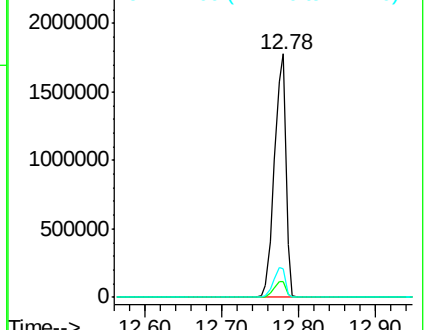
122 11.7 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF120231.D

Acq: 27 Apr 2020 20:48

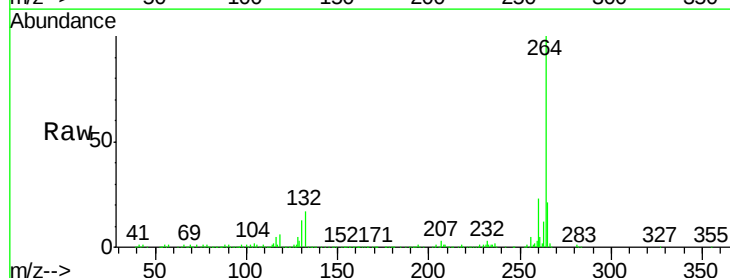
Tgt Ion:264 Resp: 264196

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.8 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

