

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120223.D
 Acq On : 27 Apr 2020 17:11
 Operator : MA/SJ
 Sample : L2409-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:10:39 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

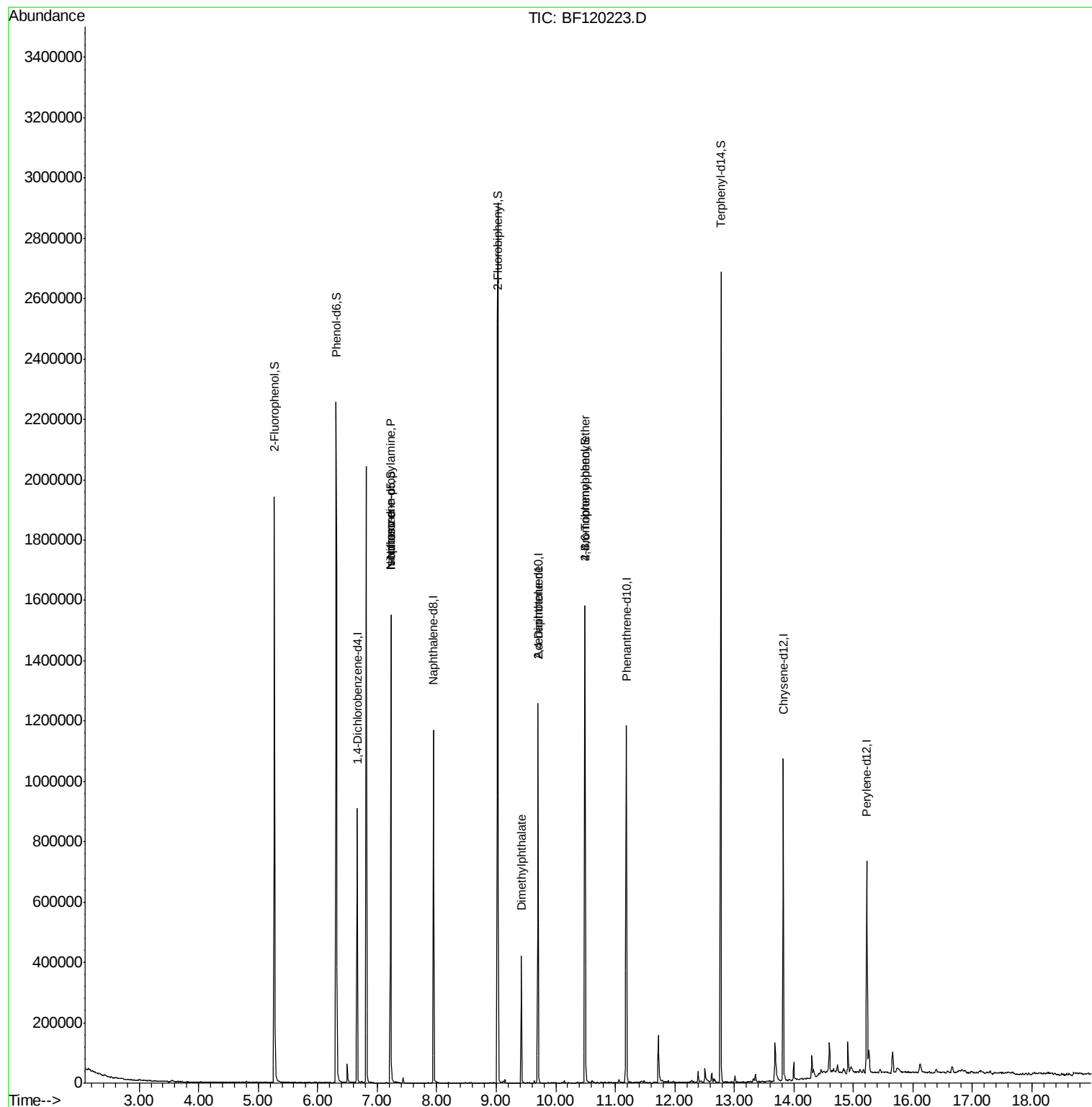
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	127232	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	481556	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	244205	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	464062	20.00	ng	0.00
76) Chrysene-d12	13.82	240	324940	20.00	ng	-0.02
87) Perylene-d12	15.23	264	289417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	517825	70.34	ng	-0.01
7) Phenol-d6	6.31	99	741927	78.21	ng	-0.02
23) Nitrobenzene-d5	7.23	82	448245	48.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	195518	65.39	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	905856	52.67	ng	0.00
79) Terphenyl-d14	12.77	244	957540	49.58	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	797	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.23	70	56534	9.267 ng	#	77
25) Isophorone	7.23	82	448238	24.980 ng	#	65
50) Dimethylphthalate	9.42	163	155431	8.229 ng		98
57) 2,4-Dinitrotoluene	9.70	165	32033	5.878 ng	#	20
67) 4-Bromophenyl-phenylether	10.49	248	12120	2.100 ng	#	1

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

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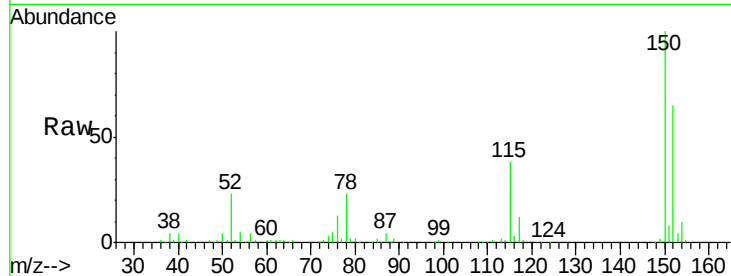


#1

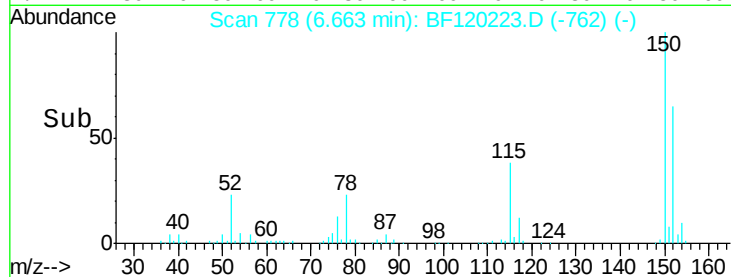
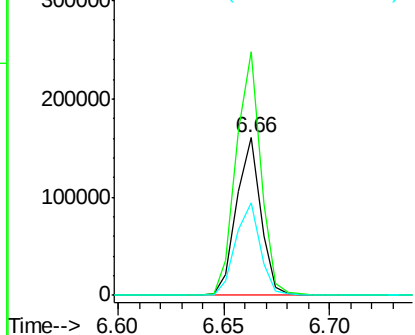
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127232
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 58.7 49.6 74.4



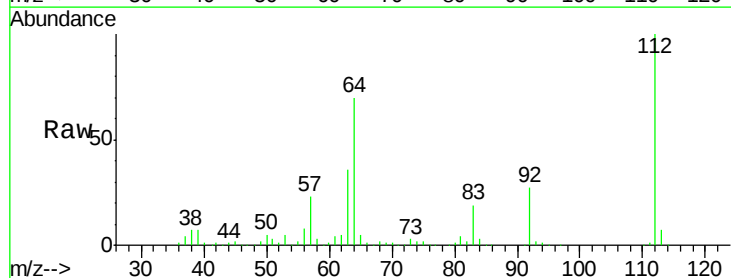
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



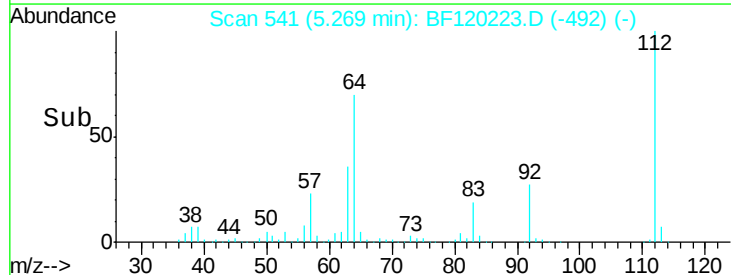
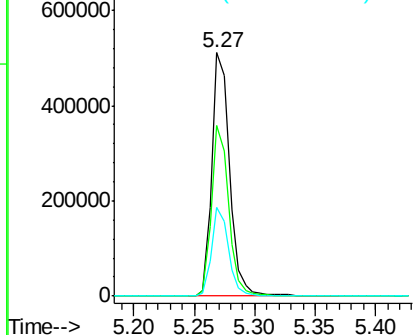
#5

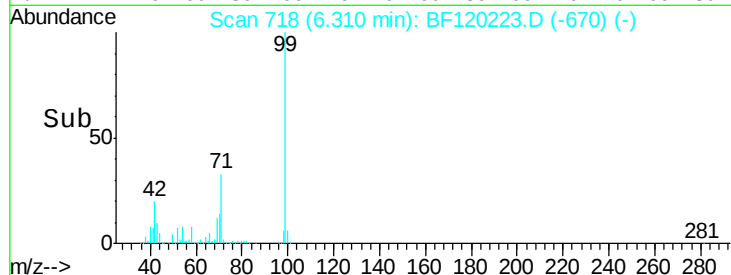
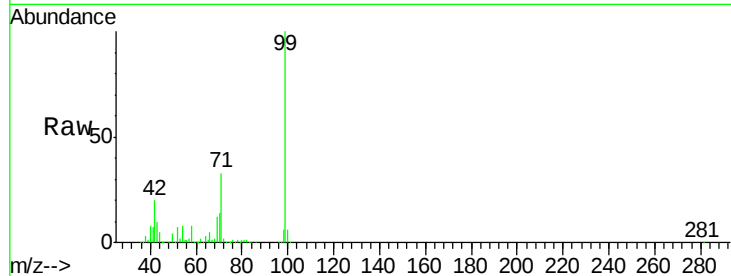
2-Fluorophenol
Concen: 70.336 ng
RT: 5.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Tgt Ion:112 Resp: 517825
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 36.3 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: 78.208 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

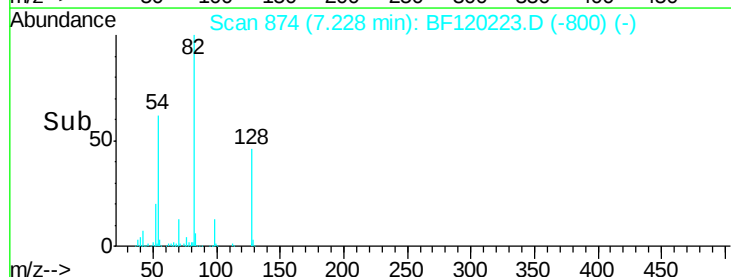
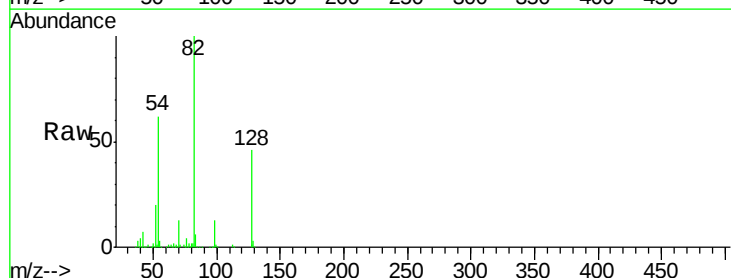
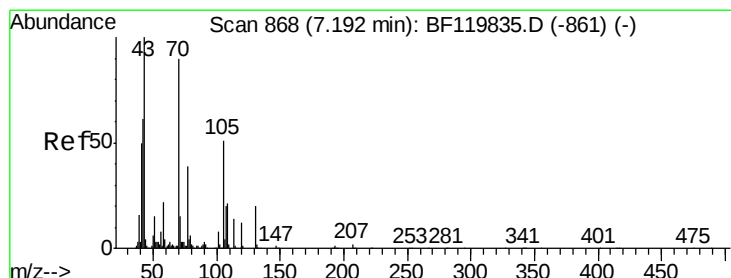
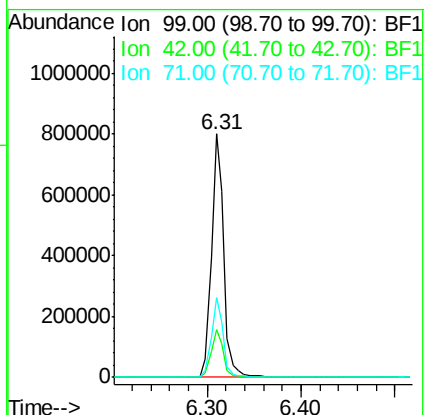
Tot Ion: 99 Resp: 741927

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 9.267 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Tgt Ion: 70 Resp: 56534

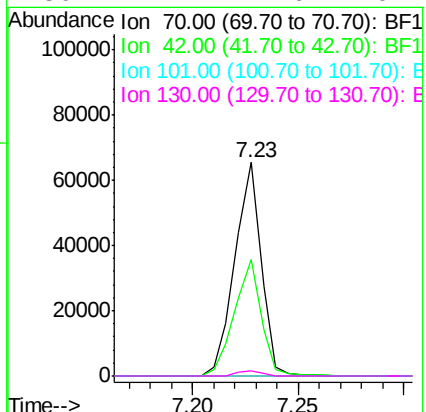
Ion Ratio Lower Upper

70 100

42 54.8 54.5 81.7

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

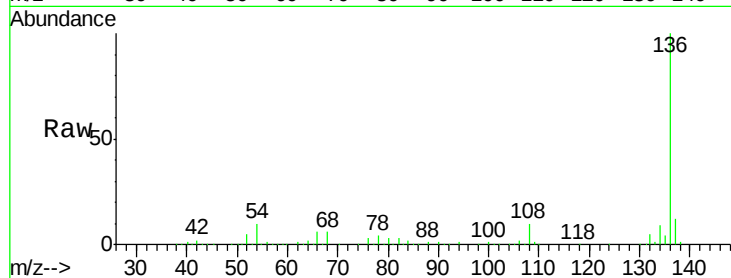




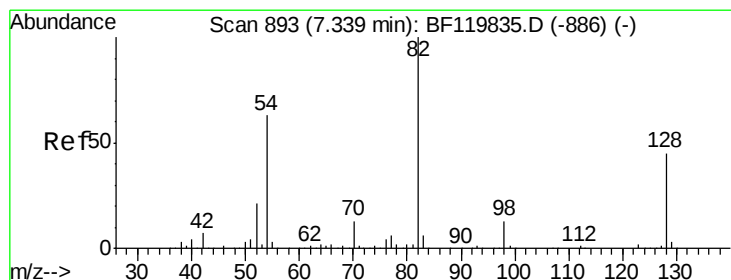
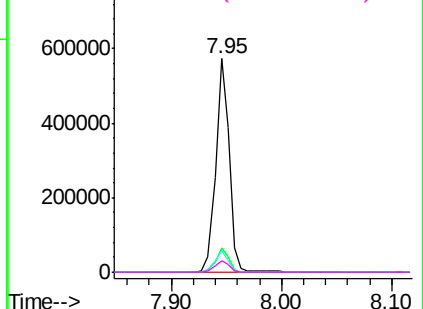
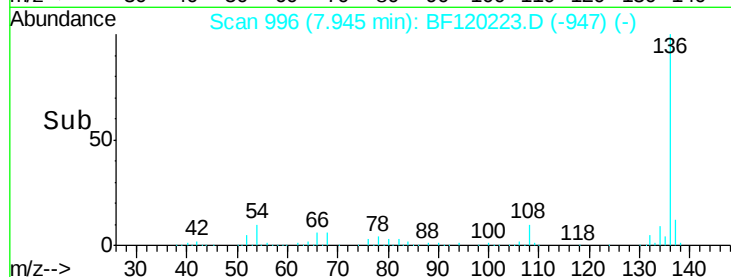
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	481556
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.7 13.1
54	10.3	9.1 13.7
68	5.6	4.6 6.8

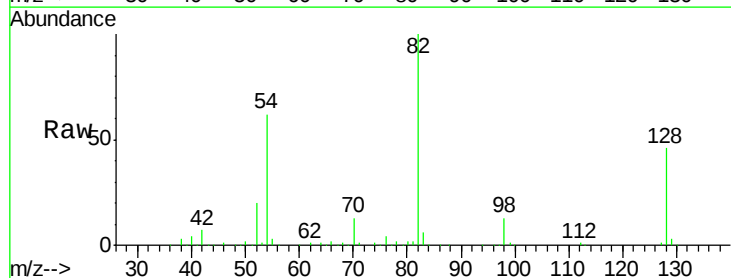


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

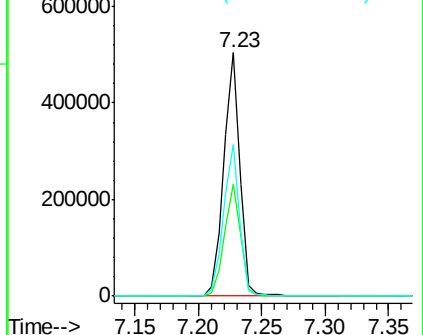
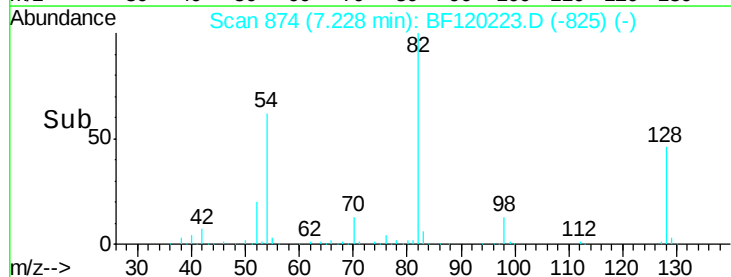


#23
Nitrobenzene-d5
Concen: 48.155 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Tgt Ion: 82	Resp:	448245
Ion Ratio	Lower	Upper
82	100	
128	45.9	36.3 54.5
54	62.1	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: 24.980 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

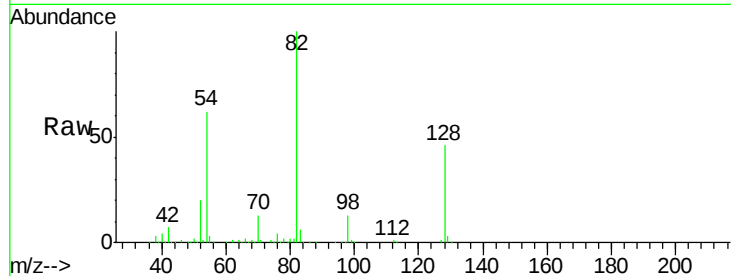
Tot Ion: 82 Resp: 448238

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

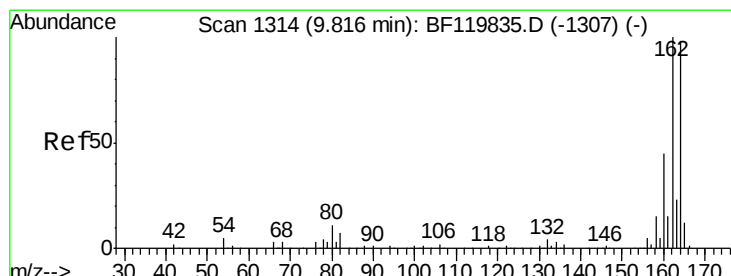
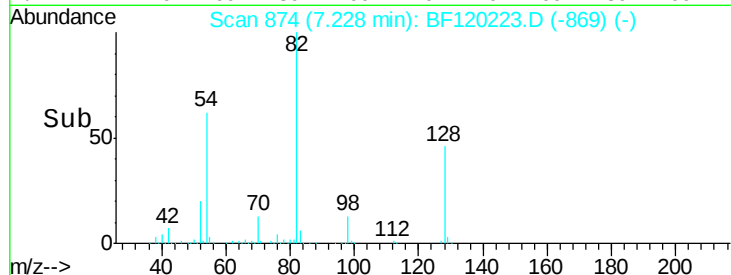
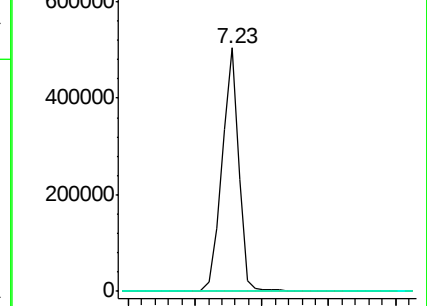
138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

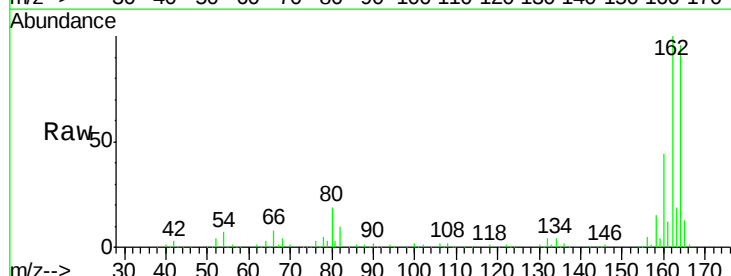
Tgt Ion: 164 Resp: 244205

Ion Ratio Lower Upper

164 100

162 104.0 80.6 121.0

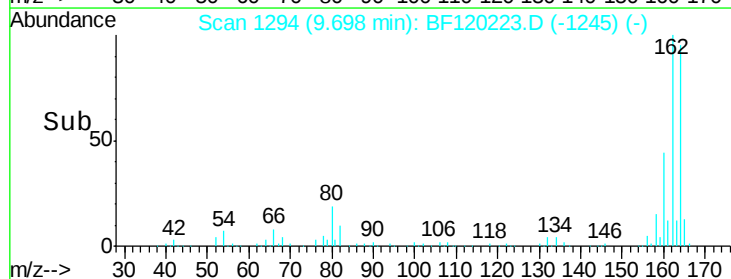
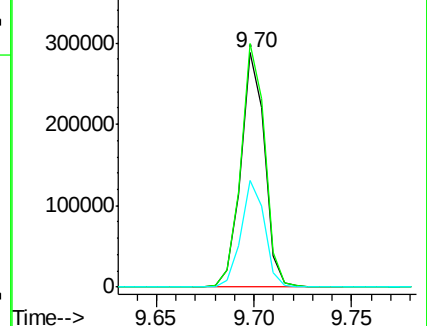
160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

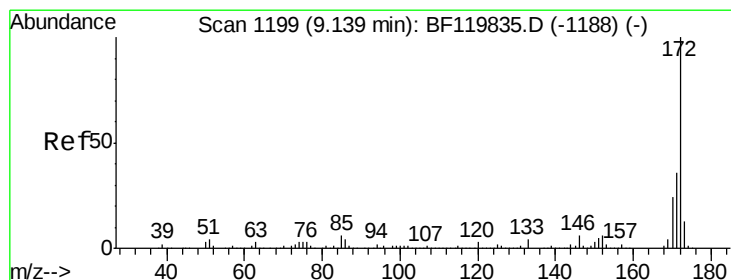
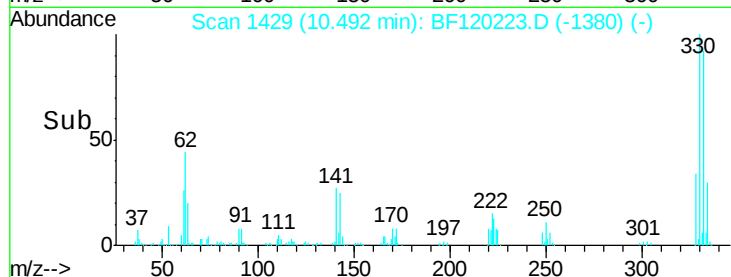
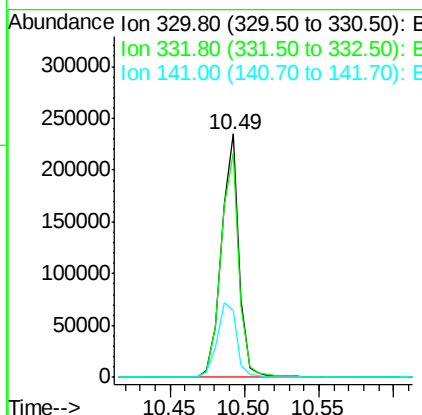
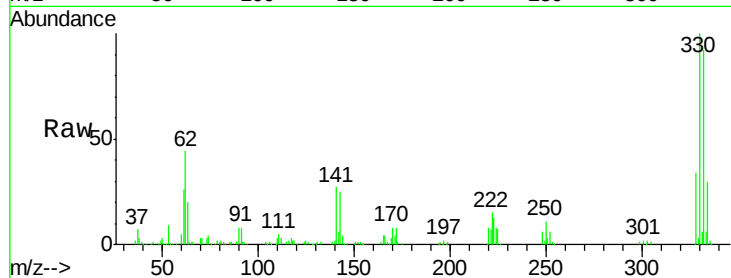




#42
 2,4,6-Tribromophenol
 Concen: 65.393 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

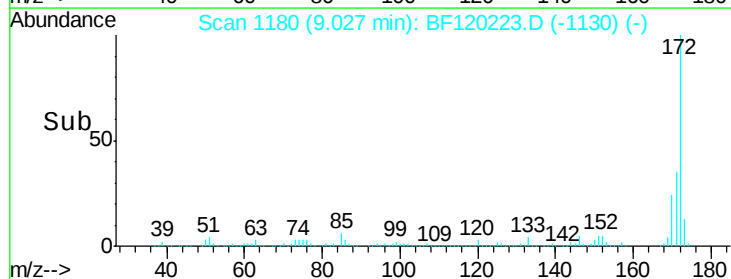
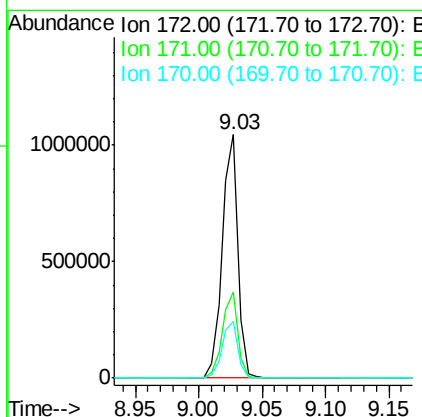
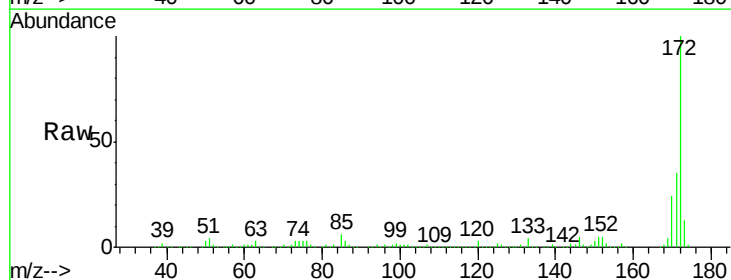
Instrument :
 BNA_F
 ClientSampleId :

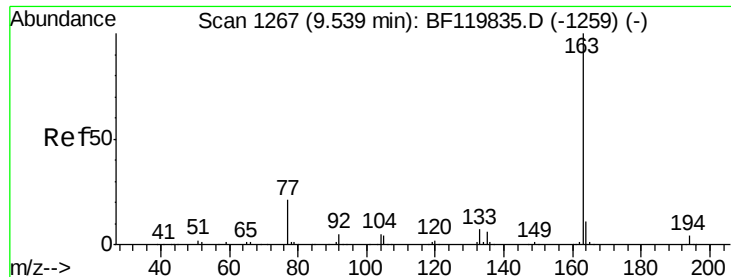
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	34.1	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 52.666 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.5	20.2	30.2





#50

Dimethylphthalate

Concen: 8.229 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampled :

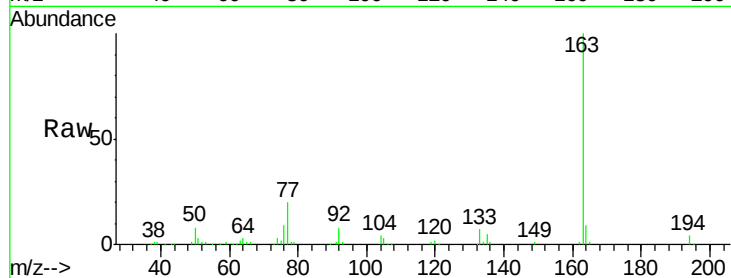
Tot Ion:163 Resp: 155431

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

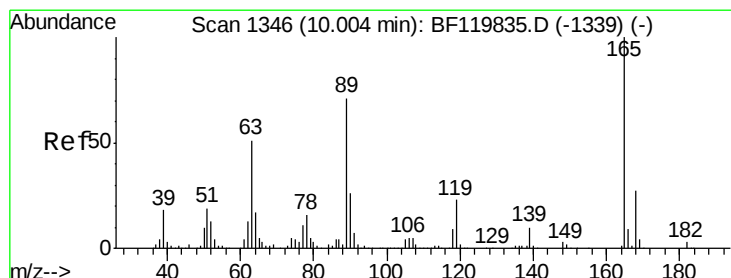
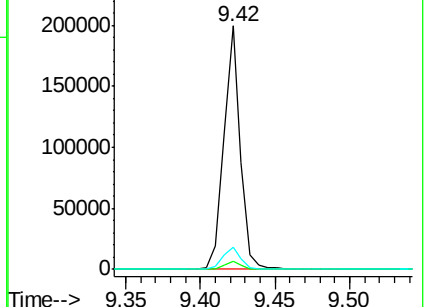
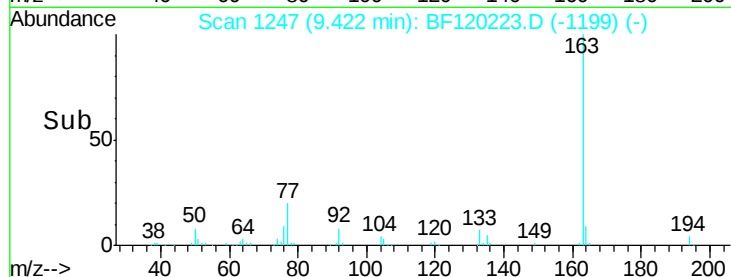
164 9.3 8.2 12.2



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: 5.878 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.21 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

Tgt Ion:165 Resp: 32033

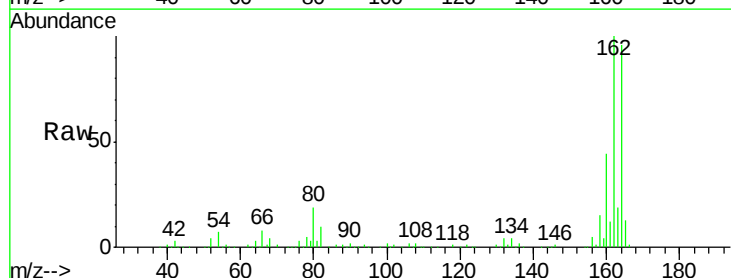
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

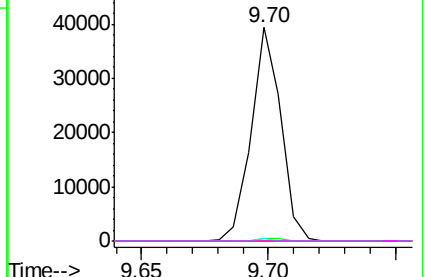
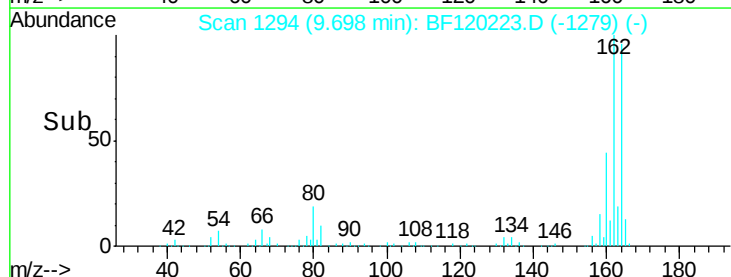


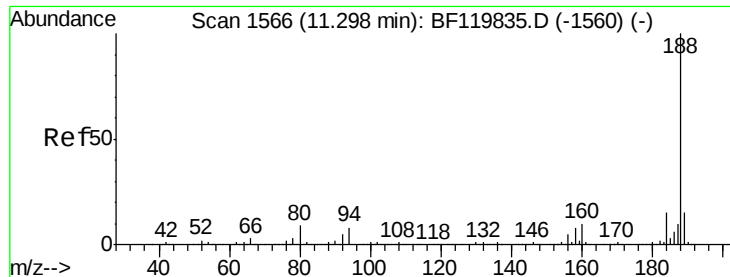
Abundance Ion 165.00 (164.70 to 165.70): E

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

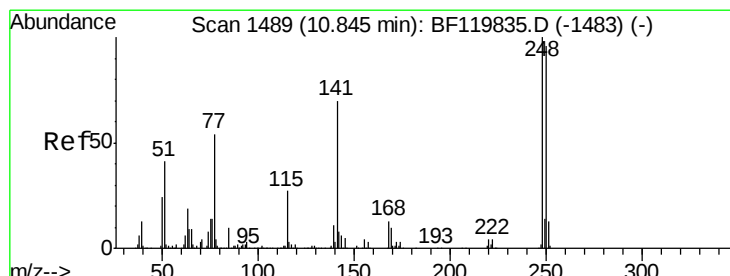
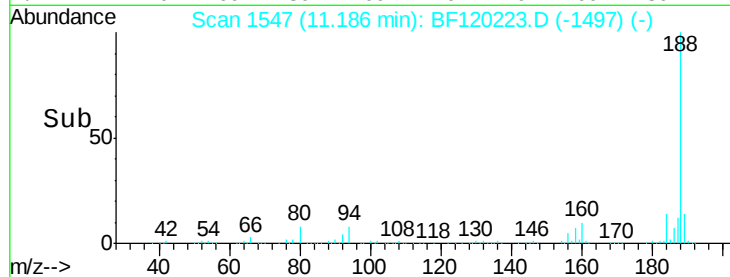
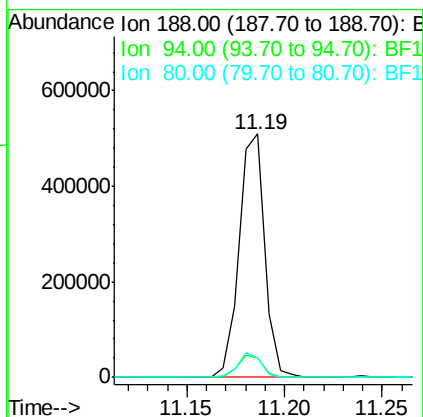
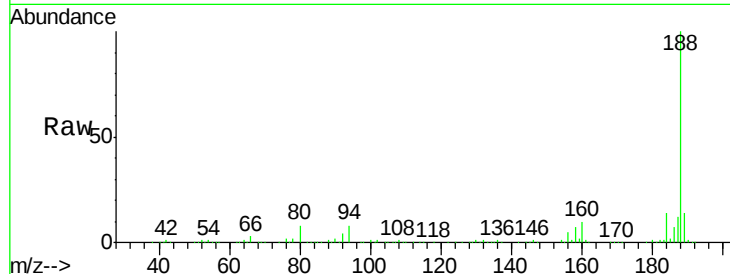




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

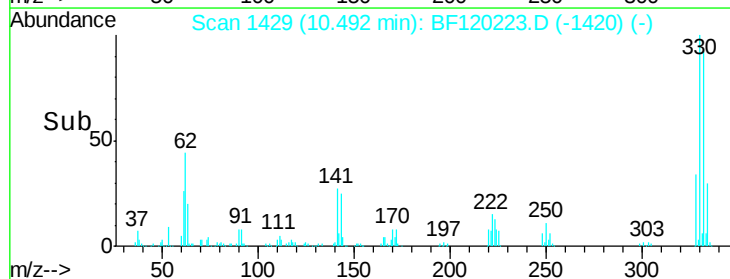
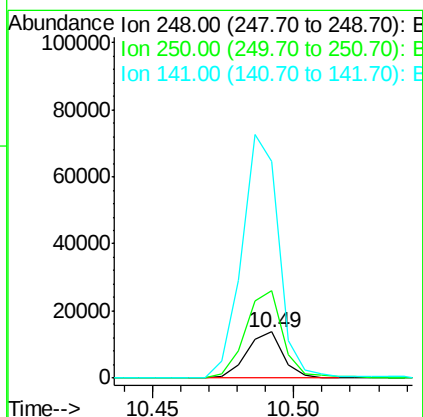
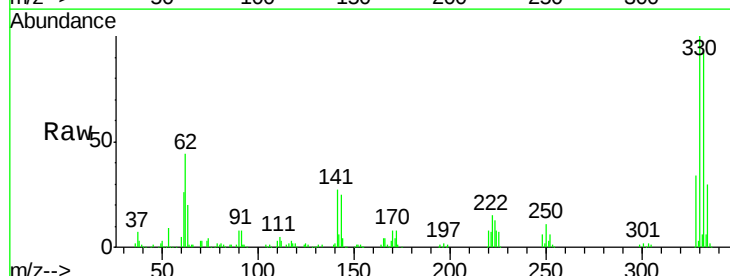
Instrument :
 BNA_F
 ClientSampleId :

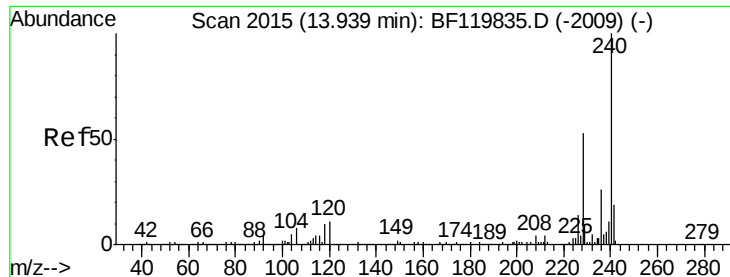
Tot Ion:188 Resp: 464062
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.5 11.3
 80 8.1 9.0 13.4#



#67
 4-Bromophenyl-phenylether
 Concen: 2.100 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.25 min
 Lab File: BF120223.D
 Acq: 27 Apr 2020 17:11

Tgt Ion:248 Resp: 12120
 Ion Ratio Lower Upper
 248 100
 250 189.8 77.3 115.9#
 141 471.1 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: BF120223.D

Acq: 27 Apr 2020 17:11

Instrument :

BNA_F

ClientSampleId :

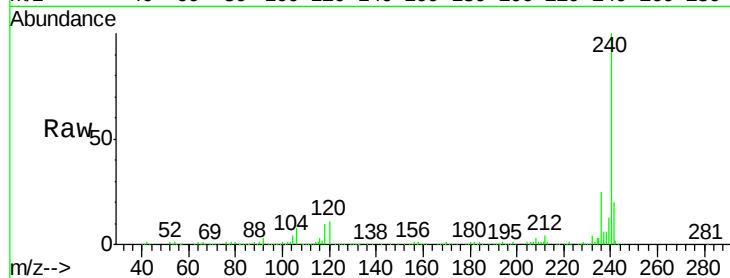
Tot Ion:240 Resp: 324940

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.6	15.8
236	25.3	20.2	30.2

240 100

120 11.1 10.6 15.8

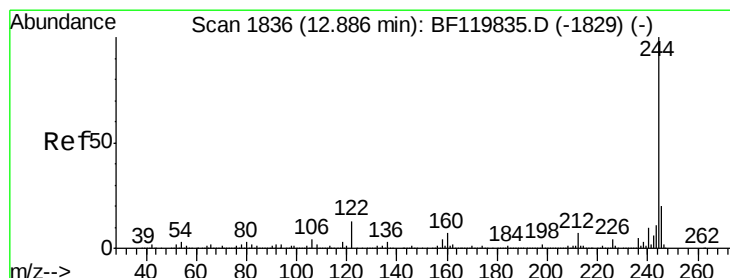
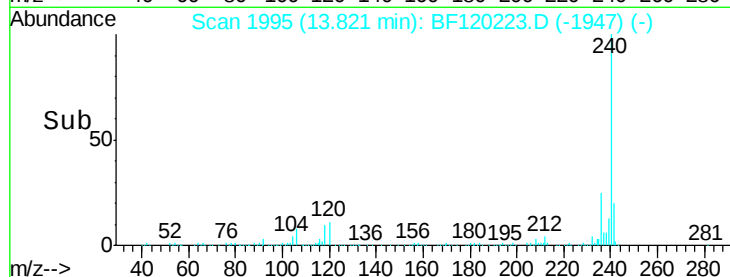
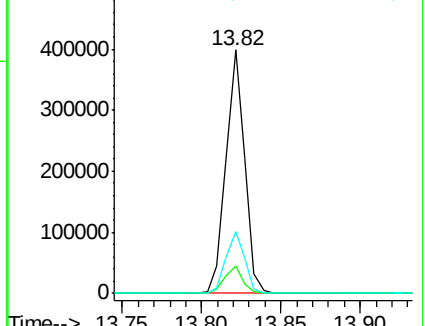
236 25.3 20.2 30.2



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



#79

Terphenyl-d14

Concen: 49.585 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF120223.D

Acq: 27 Apr 2020 17:11

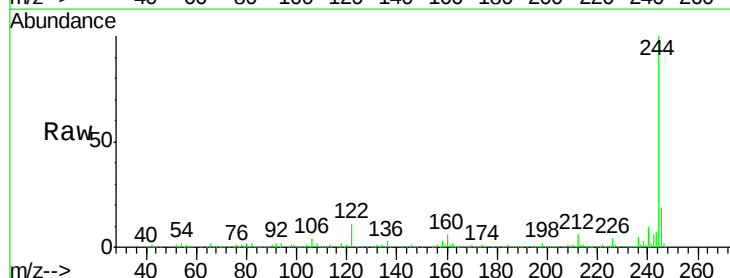
Tgt Ion:244 Resp: 957540

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.7	10.3	15.5

244 100

212 6.4 5.8 8.8

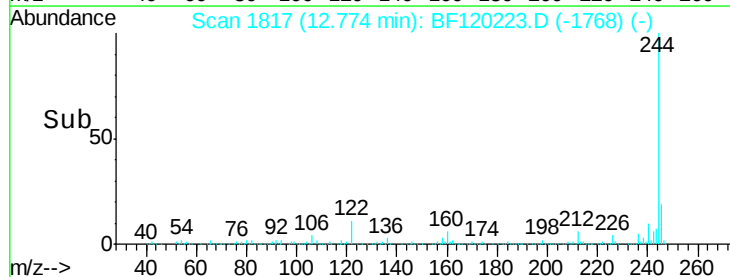
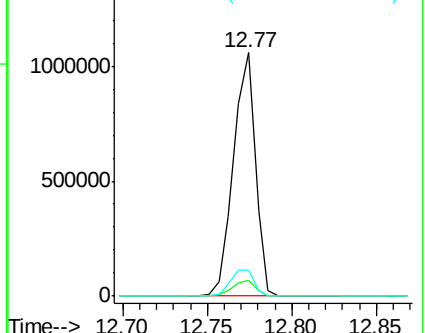
122 10.7 10.3 15.5

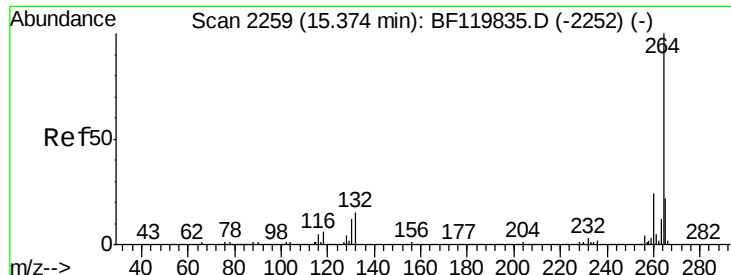


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

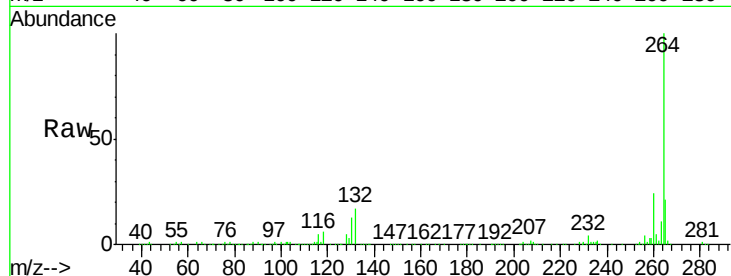




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF120223.D
Acq: 27 Apr 2020 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	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

