

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120227.D
 Acq On : 27 Apr 2020 18:59
 Operator : MA/SJ
 Sample : L2405-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:12:58 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

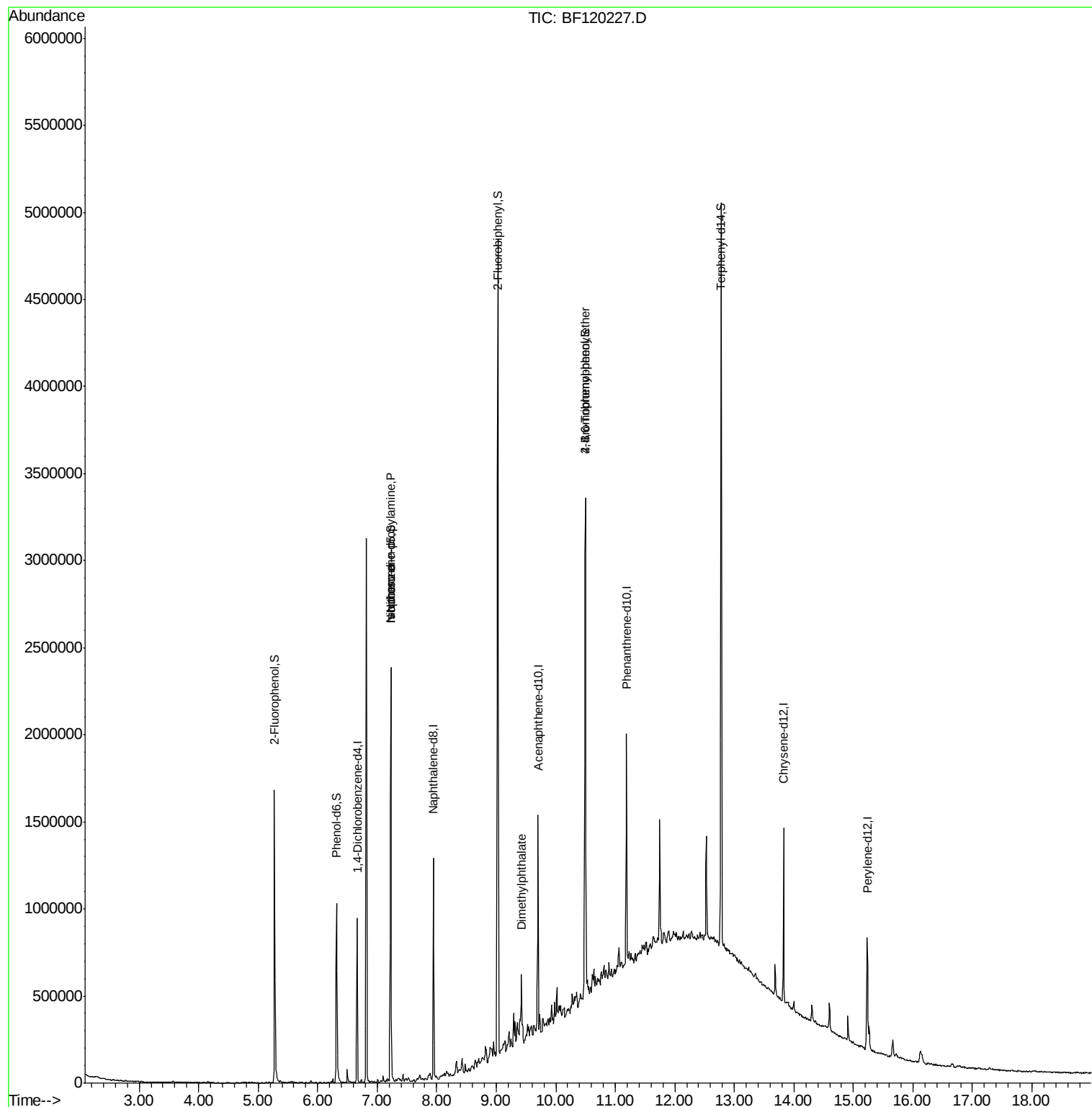
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	141038	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	540918	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	272547	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	487412	20.00	ng	0.00
76) Chrysene-d12	13.83	240	317464	20.00	ng	-0.01
87) Perylene-d12	15.23	264	279440	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	493818	60.51	ng	0.00
7) Phenol-d6	6.32	99	373407	35.51	ng	-0.01
23) Nitrobenzene-d5	7.23	82	897635	85.85	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	394962	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1700240	88.57	ng	0.00
79) Terphenyl-d14	12.78	244	1754870	93.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	458	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.23	70	117828	17.424 ng	#	1
25) Isophorone	7.23	82	897621	44.534 ng	#	73
50) Dimethylphthalate	9.42	163	129364	6.136 ng	#	65
67) 4-Bromophenyl-phenylether	10.50	248	24239	3.999 ng	#	98
					#	1

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

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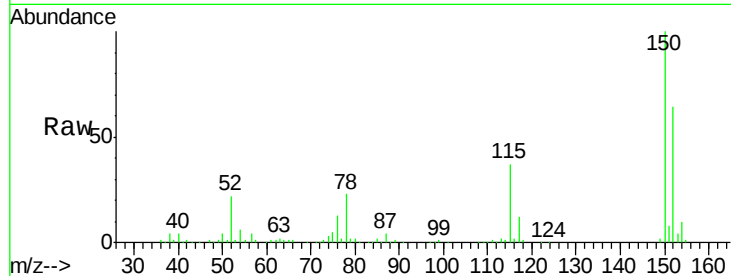




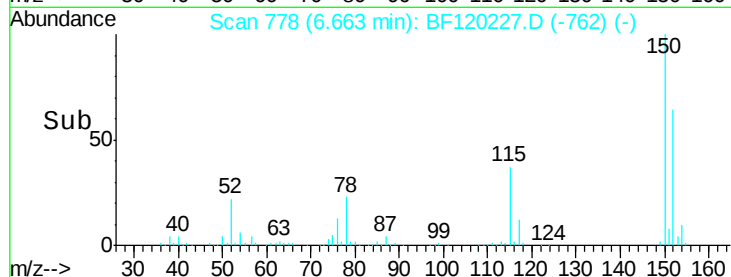
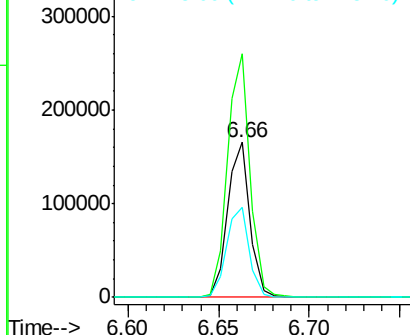
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120227.D
 Acq: 27 Apr 2020 18:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 141038
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.5 186.7
 115 58.5 49.6 74.4

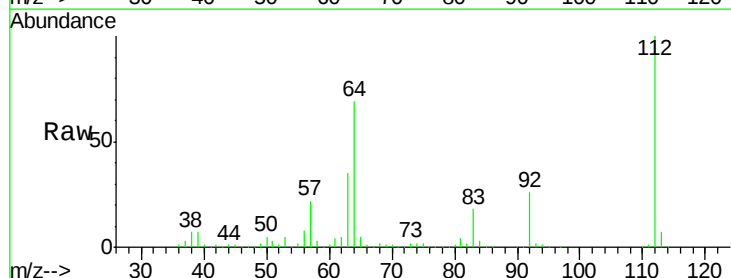


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

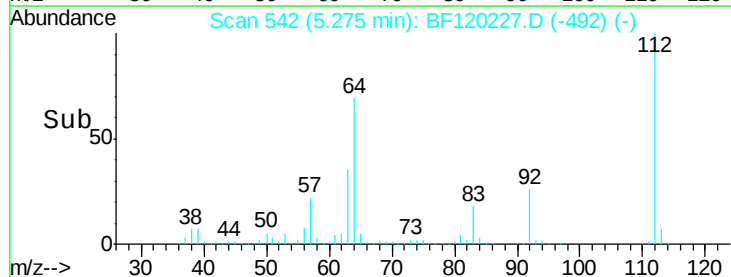
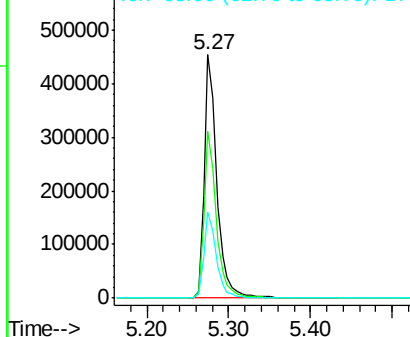


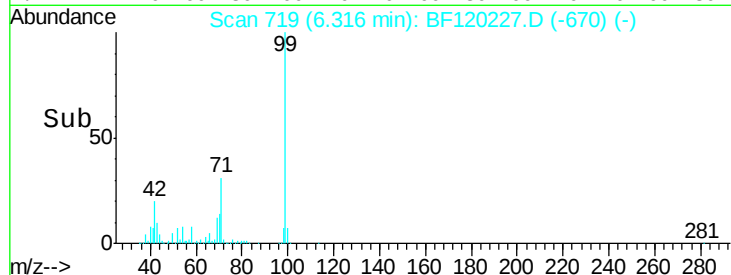
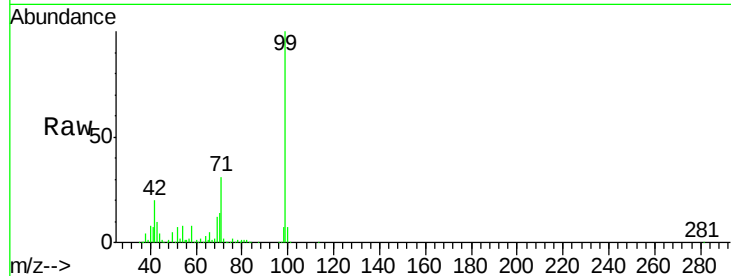
#5
 2-Fluorophenol
 Concen: 60.509 ng
 RT: 5.27 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF120227.D
 Acq: 27 Apr 2020 18:59

Tgt Ion:112 Resp: 493818
 Ion Ratio Lower Upper
 112 100
 64 68.6 56.7 85.1
 63 35.4 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: 35.509 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

Instrument :

BNA_F

ClientSampled :

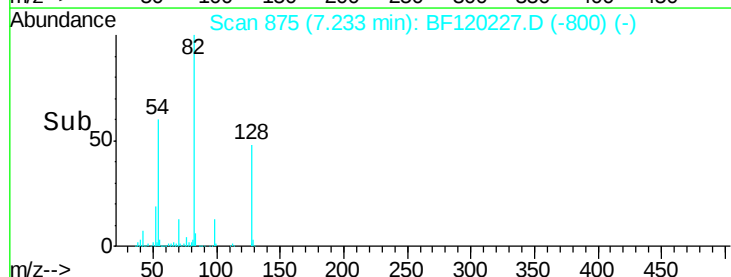
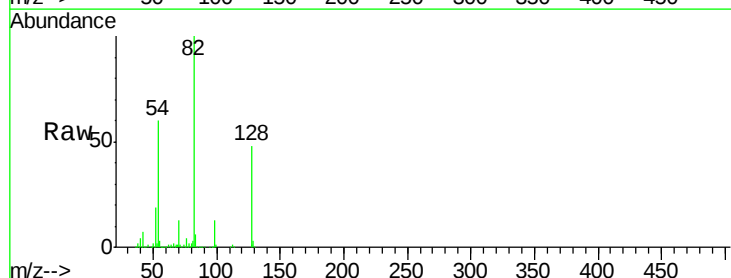
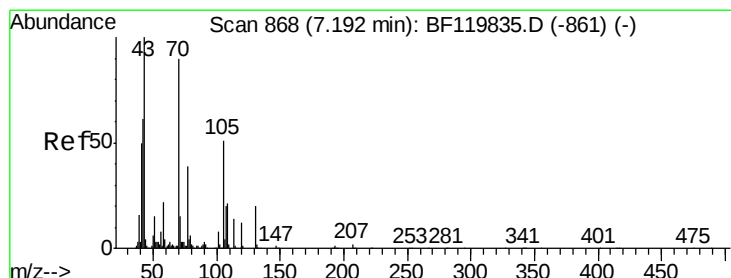
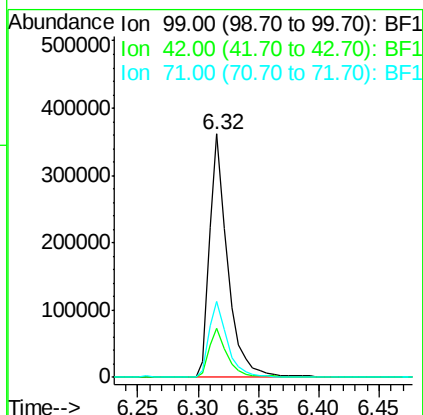
Tot Ion: 99 Resp: 373407

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 31.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.424 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

Tgt Ion: 70 Resp: 117828

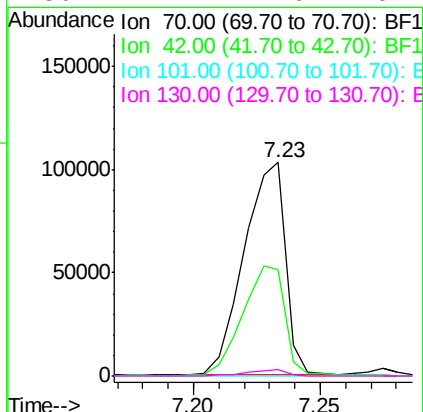
Ion Ratio Lower Upper

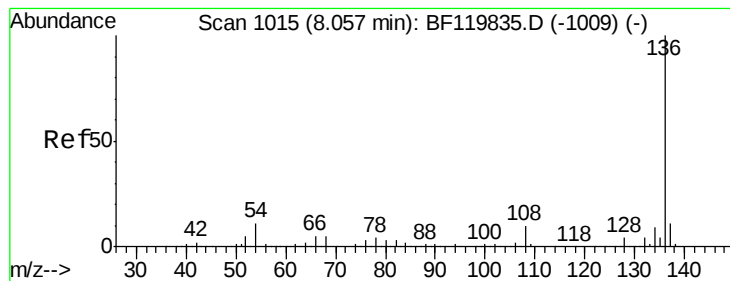
70 100

42 49.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.7 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: BF120227.D

Acq: 27 Apr 2020 18:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540918

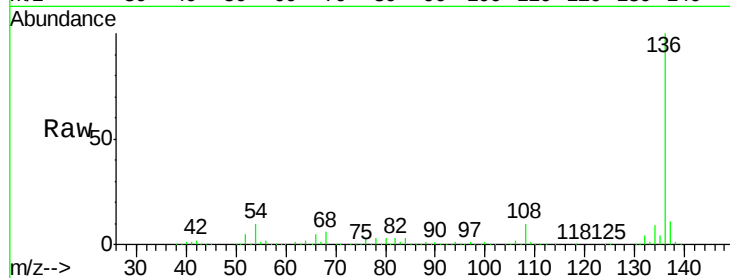
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.3 9.1 13.7

68 6.0 4.6 6.8

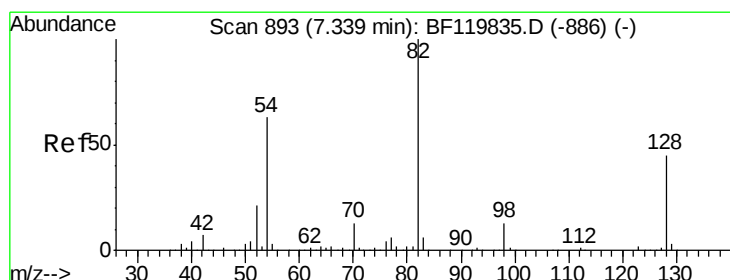
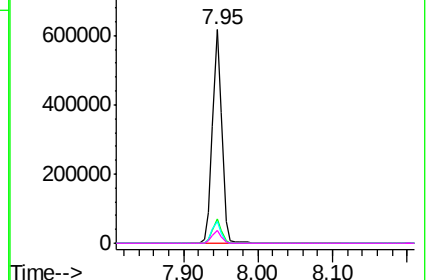
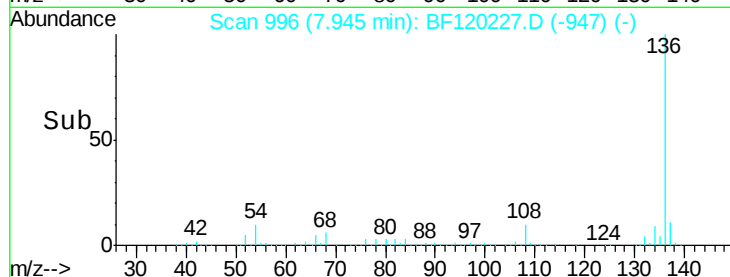


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.850 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

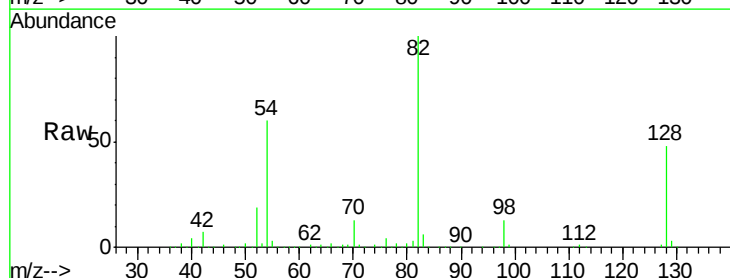
Tgt Ion: 82 Resp: 897635

Ion Ratio Lower Upper

82 100

128 47.7 36.3 54.5

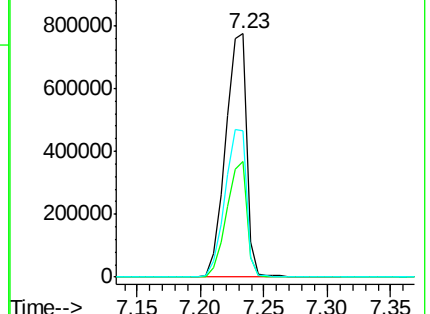
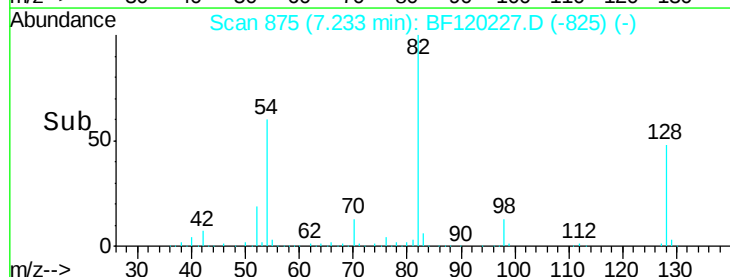
54 60.2 50.6 75.8

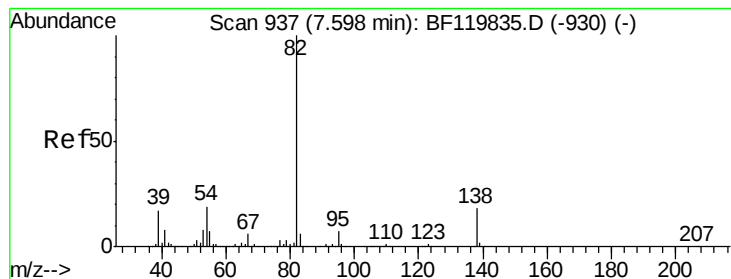


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.534 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

Instrument :

BNA_F

ClientSampled :

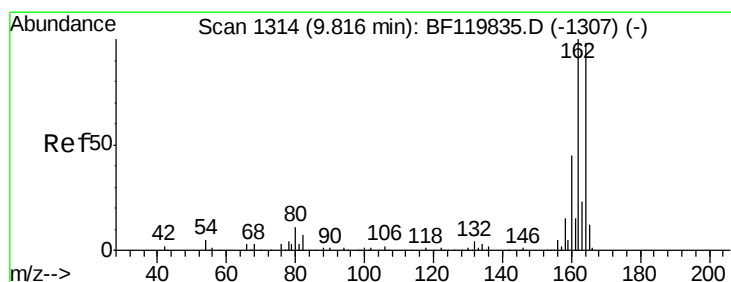
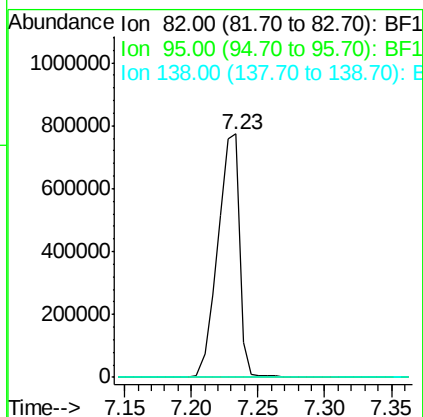
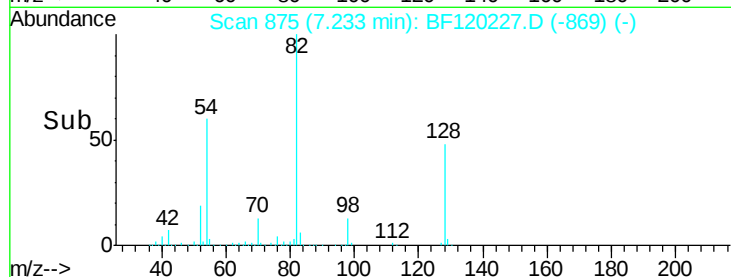
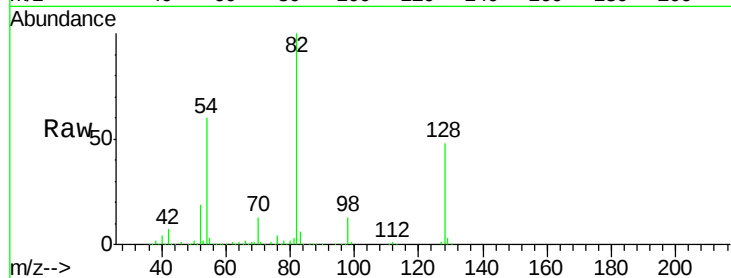
Tot Ion: 82 Resp: 897621

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: BF120227.D

Acq: 27 Apr 2020 18:59

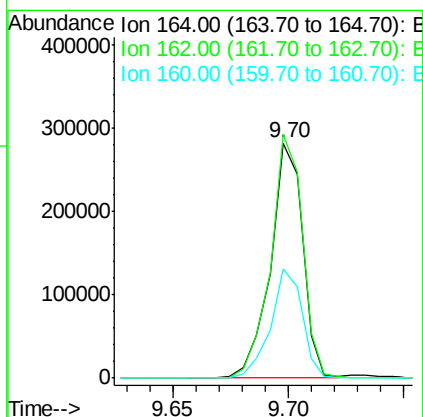
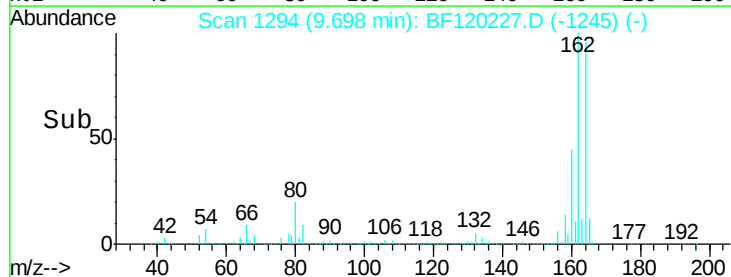
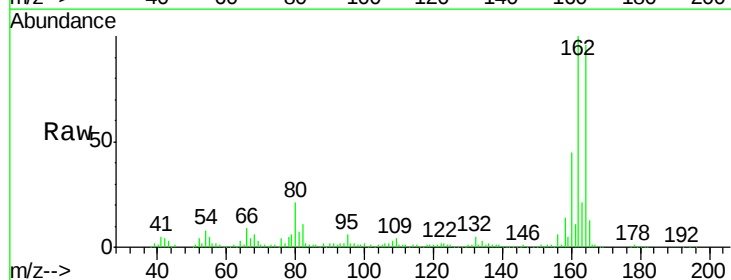
Tgt Ion: 164 Resp: 272547

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 46.8 35.7 53.5

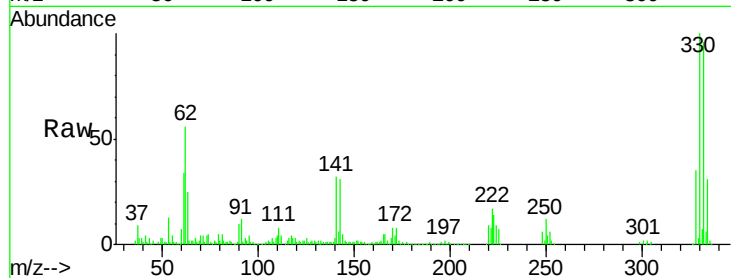




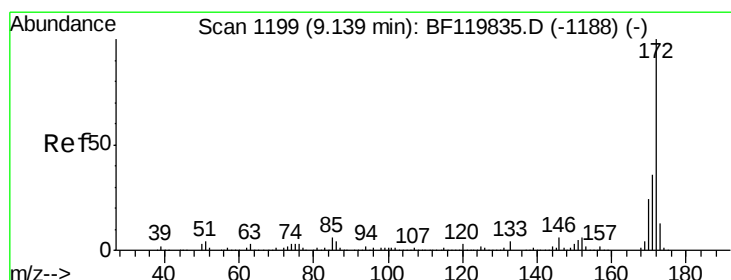
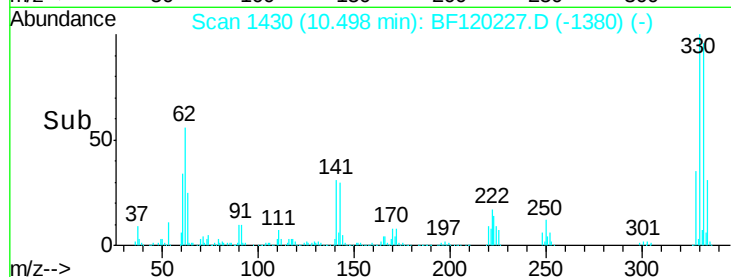
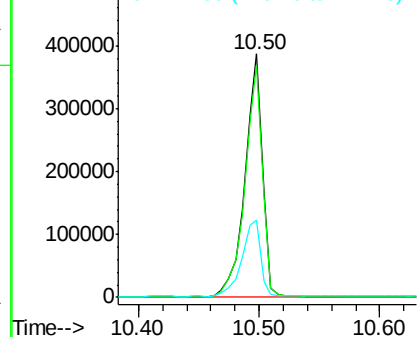
#42
 2,4,6-Tribromophenol
 Concen: 118.362 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF120227.D
 Acq: 27 Apr 2020 18:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	33.7	25.4	38.0

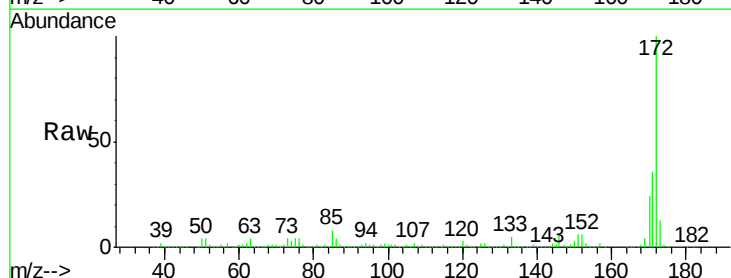


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

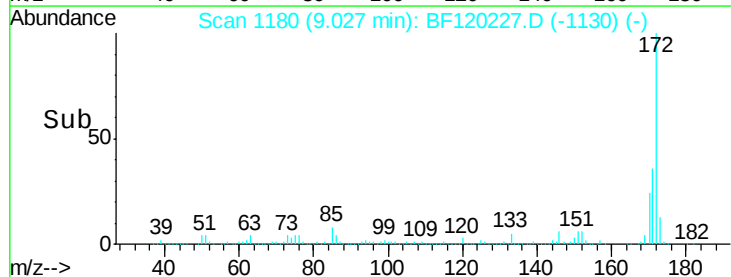
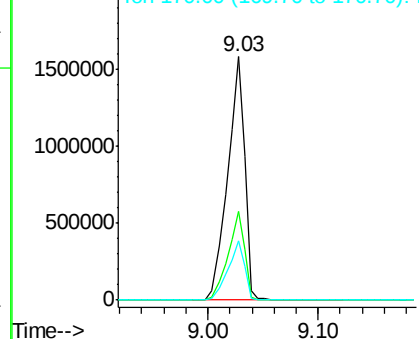


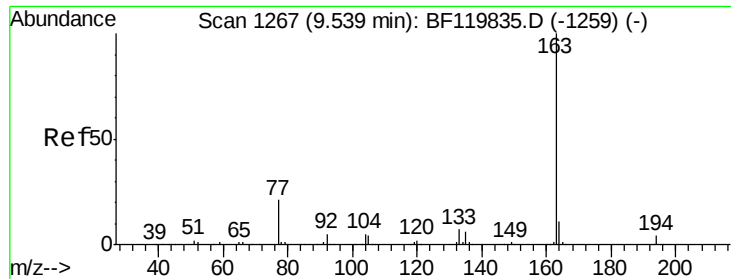
#45
 2-Fluorobiphenyl
 Concen: 88.571 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120227.D
 Acq: 27 Apr 2020 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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: 6.136 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

Instrument :

BNA_F

ClientSampleId :

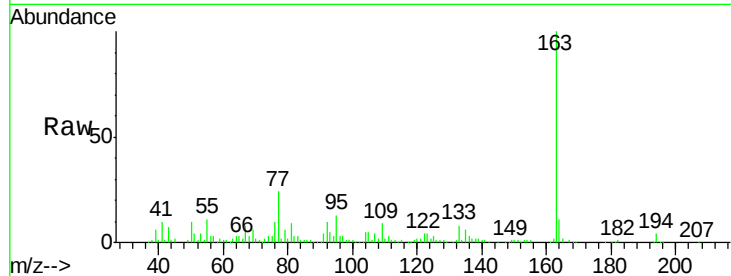
Tot Ion:163 Resp: 129364

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

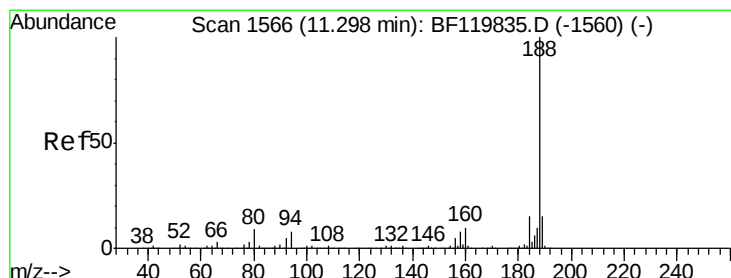
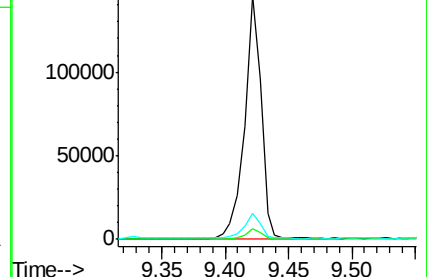
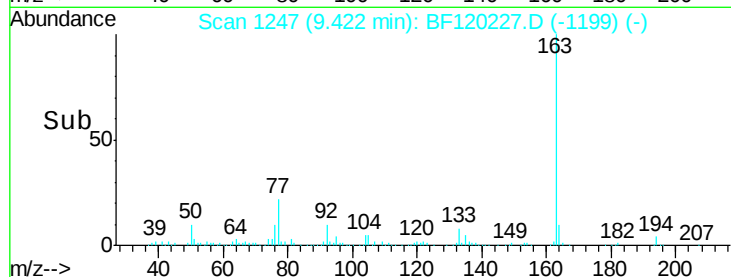
164 10.8 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

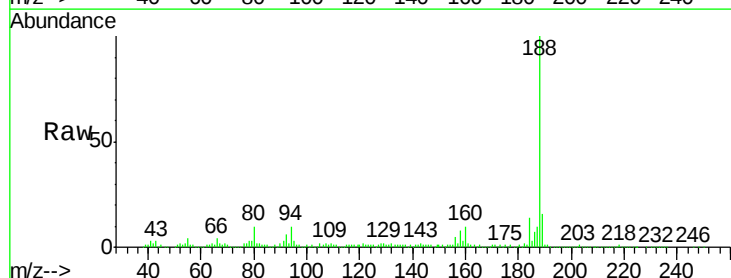
Tgt Ion:188 Resp: 487412

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

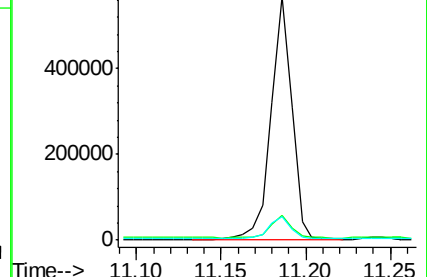
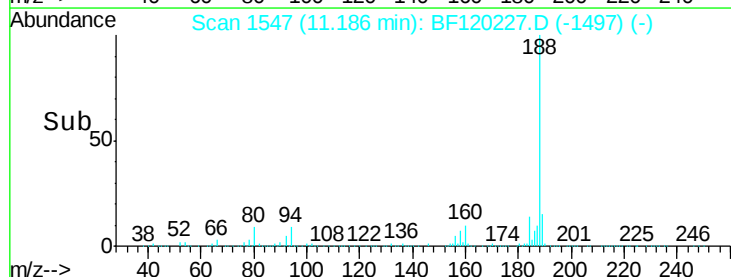
80 9.9 9.0 13.4

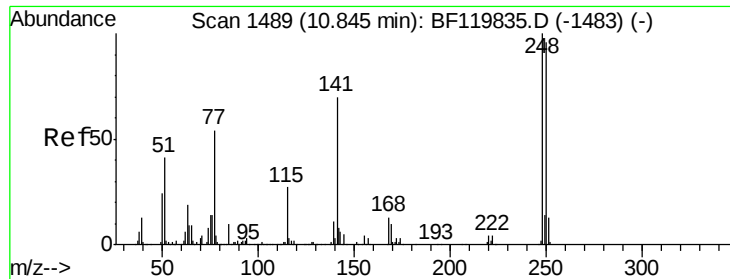


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

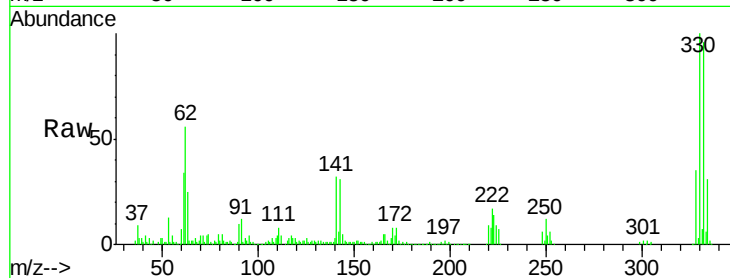




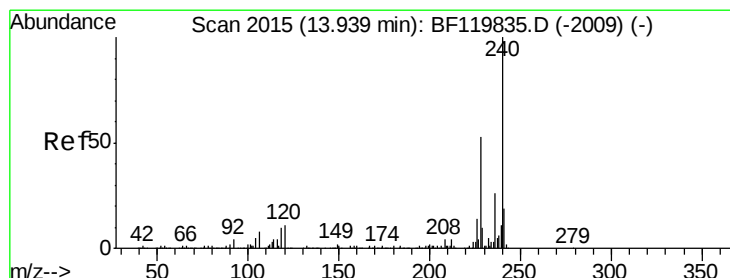
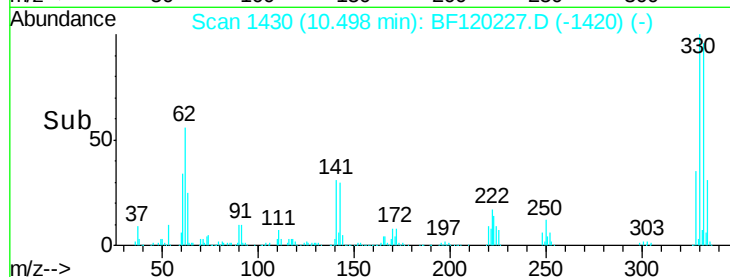
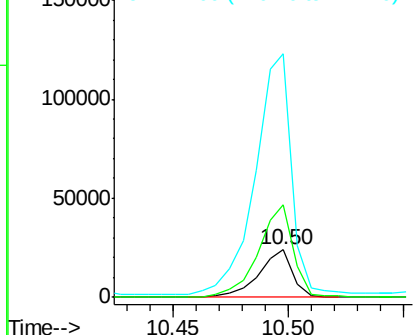
#67
4-Bromophenyl-phenylether
Concen: 3.999 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.24 min
Lab File: BF120227.D
Acq: 27 Apr 2020 18:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24239
Ion Ratio Lower Upper
248 100
250 194.2 77.3 115.9#
141 513.0 58.6 87.8#

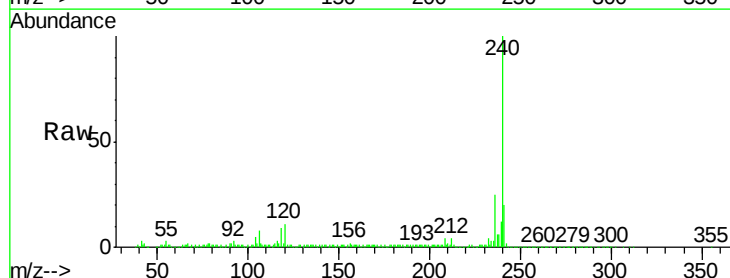


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

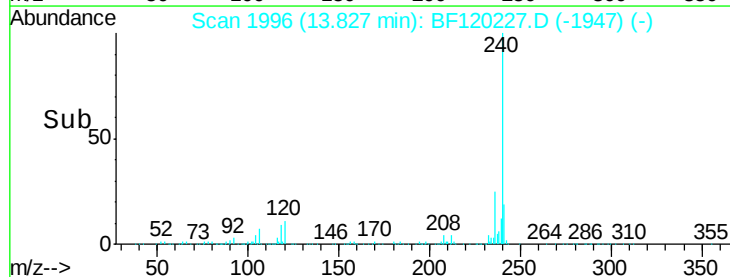
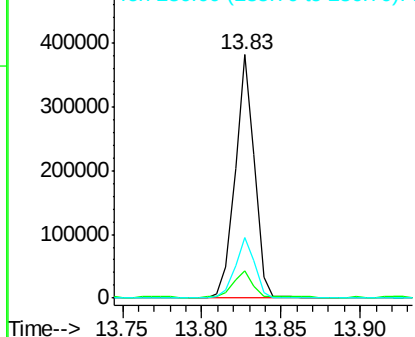


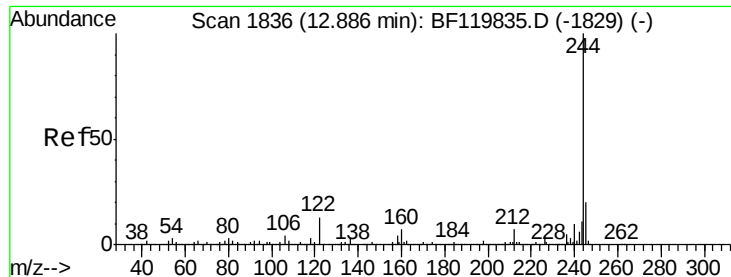
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF120227.D
Acq: 27 Apr 2020 18:59

Tgt Ion:240 Resp: 317464
Ion Ratio Lower Upper
240 100
120 11.1 10.6 15.8
236 25.0 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: 93.013 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

Instrument :

BNA_F

ClientSampleId :

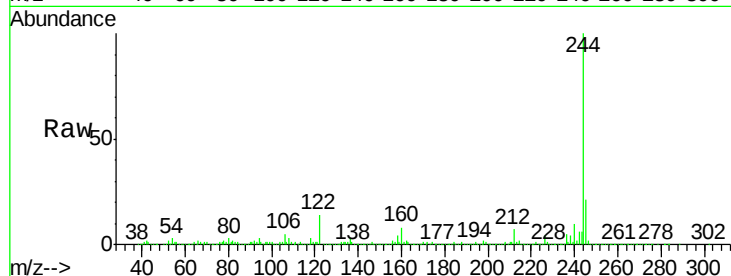
Tot Ion:244 Resp: 1754870

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

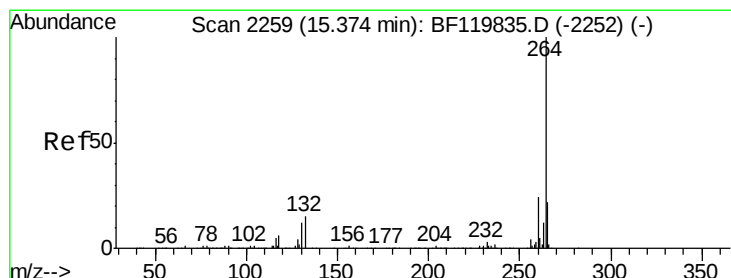
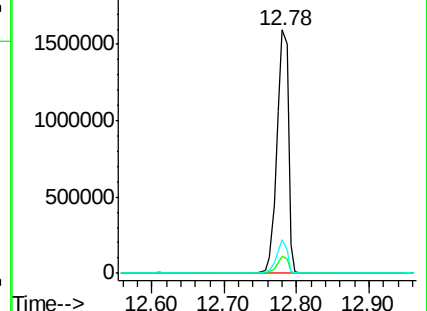
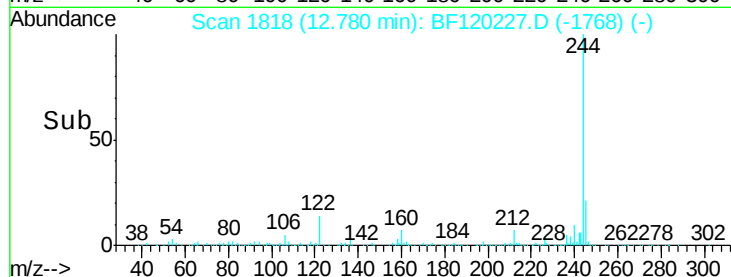
122 14.1 10.3 15.5



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# 2235

Delta R.T. -0.01 min

Lab File: BF120227.D

Acq: 27 Apr 2020 18:59

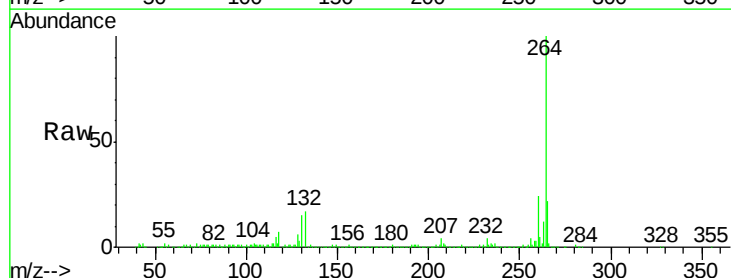
Tgt Ion:264 Resp: 279440

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.7 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

