

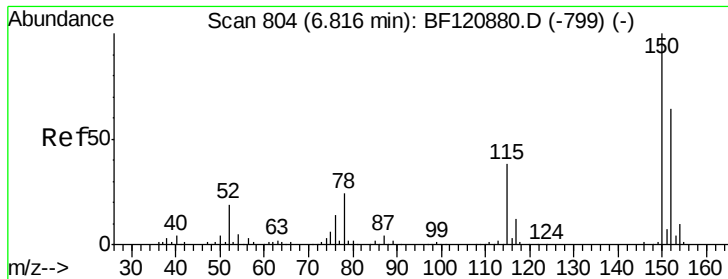
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120983.D
 Acq On : 23 Jul 2020 16:18
 Operator : JU/CG
 Sample : L3374-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 17:43:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146323	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550472	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	301870	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	572341	20.00	ng	0.00
76) Chrysene-d12	13.96	240	491013	20.00	ng	-0.01
86) Perylene-d12	15.41	264	472845	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	746266	83.61	ng	0.00
7) Phenol-d6	6.44	99	907106	78.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	563784	59.26	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	288595	87.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1126756	55.73	ng	0.00
79) Terphenyl-d14	12.92	244	1218338	53.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1249	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	74268	11.328 ng	#	77
25) Isophorone	7.37	82	563868	29.698 ng	#	63
50) Dimethylphthalate	9.56	163	133140	6.113 ng		99
57) 2,4-Dinitrotoluene	9.85	165	38776	6.311 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	581	4.004 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	16414	2.572 ng	#	1

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

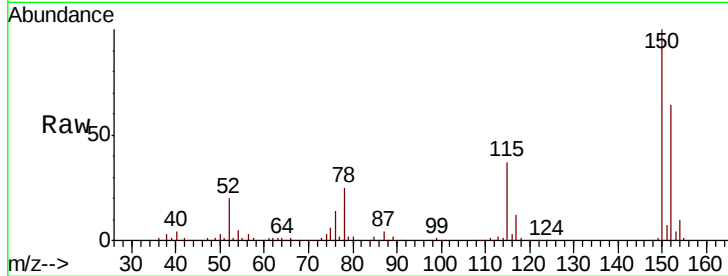


#1

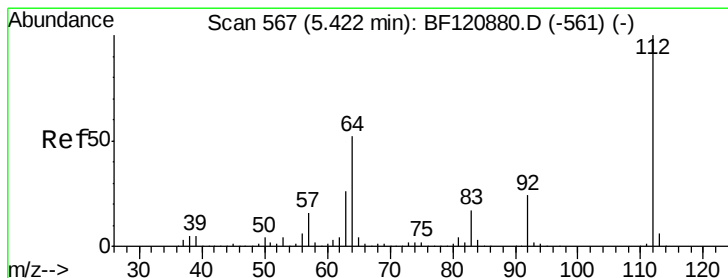
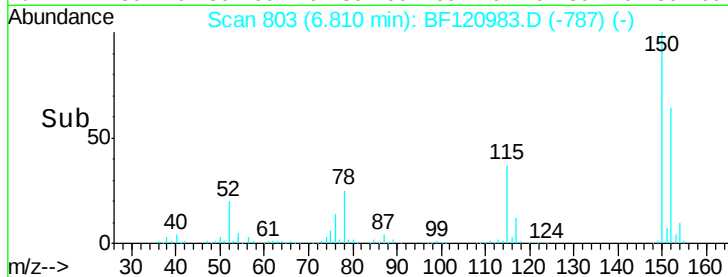
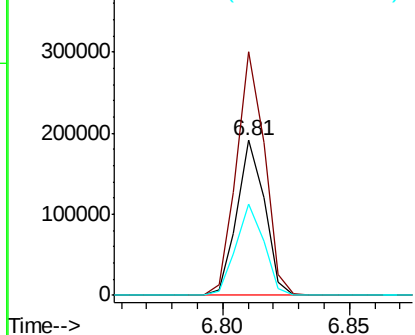
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146323
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 58.7 47.0 70.4



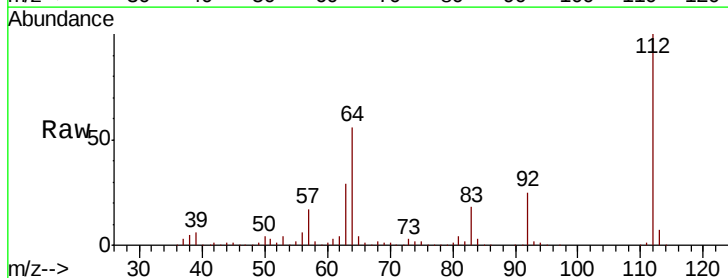
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



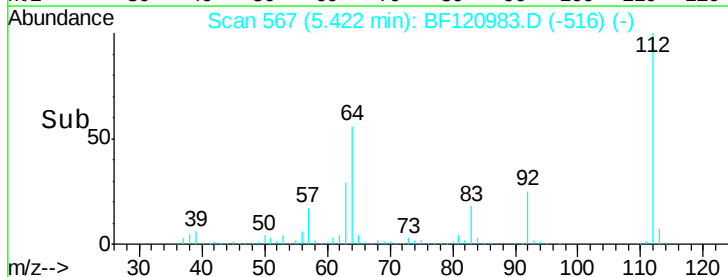
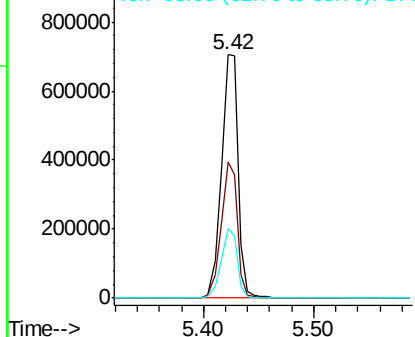
#5

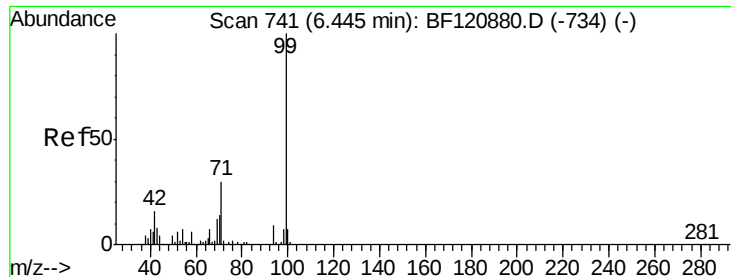
2-Fluorophenol
Concen: 83.609 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Tgt Ion:112 Resp: 746266
Ion Ratio Lower Upper
112 100
64 55.8 41.3 61.9
63 28.8 21.1 31.7



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: 78.676 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

Instrument :

BNA_F

ClientSampleId :

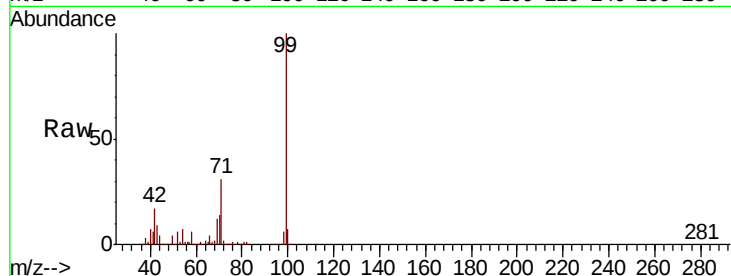
Tot Ion: 99 Resp: 907106

Ion Ratio Lower Upper

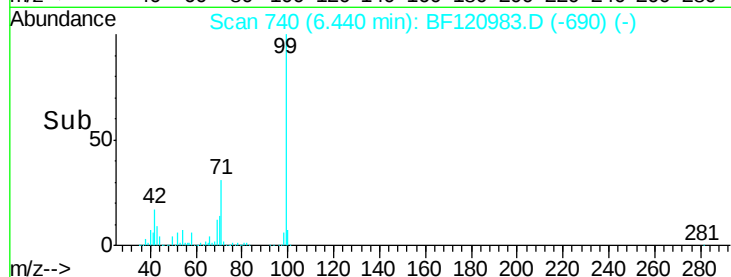
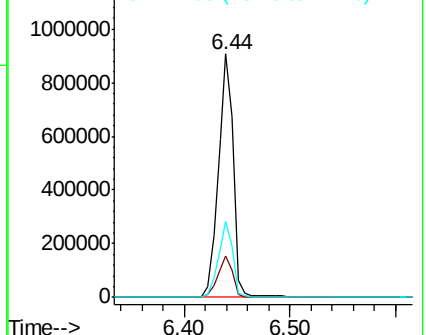
99 100

42 17.1 13.1 19.7

71 31.0 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.328 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

Tgt Ion: 70 Resp: 74268

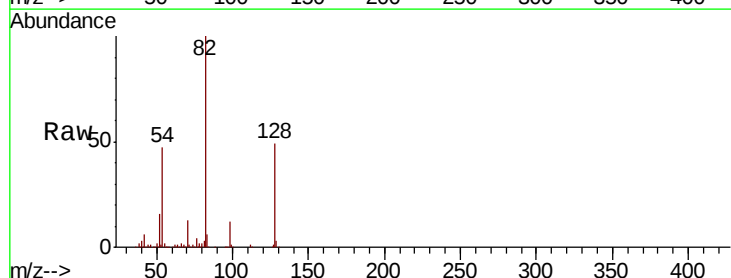
Ion Ratio Lower Upper

70 100

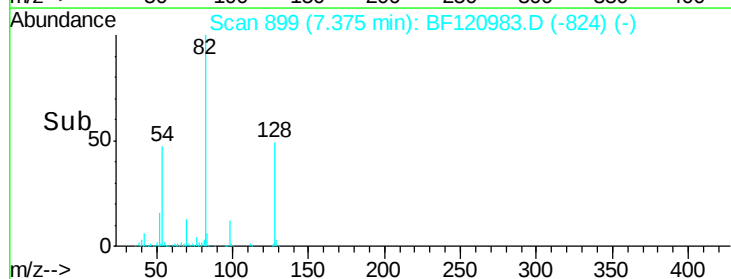
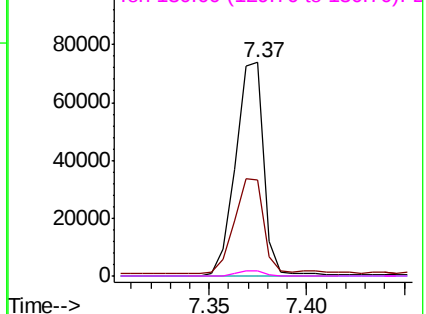
42 45.0 44.0 66.0

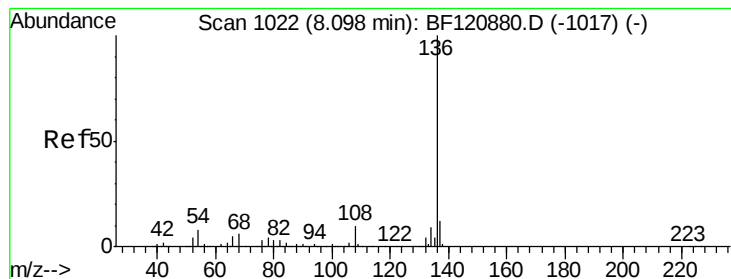
101 0.0 7.8 11.6#

130 2.5 18.7 28.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 550472

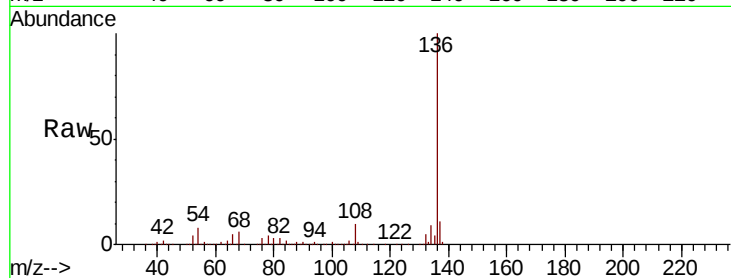
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.7 6.3 9.5

68 5.9 5.0 7.4

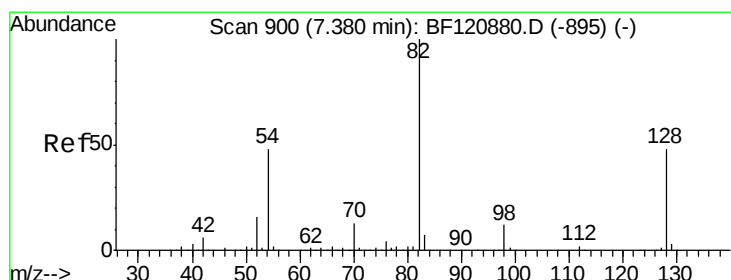
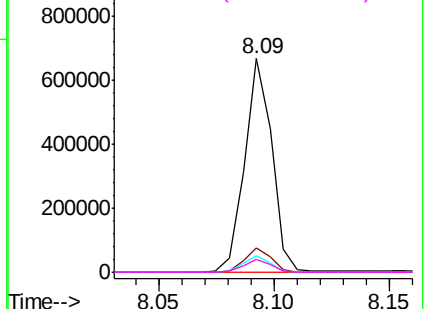
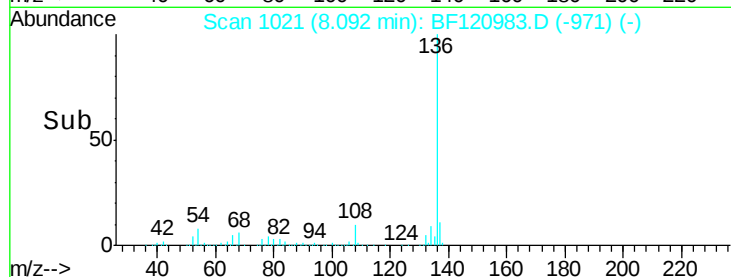


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.262 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

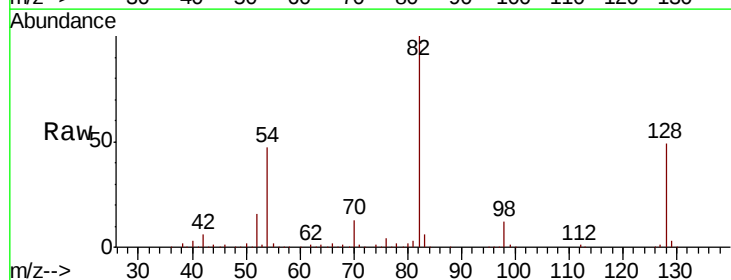
Tgt Ion: 82 Resp: 563784

Ion Ratio Lower Upper

82 100

128 49.2 38.2 57.4

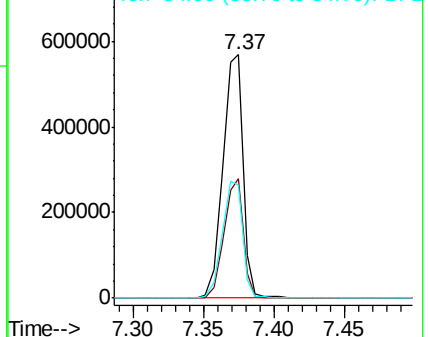
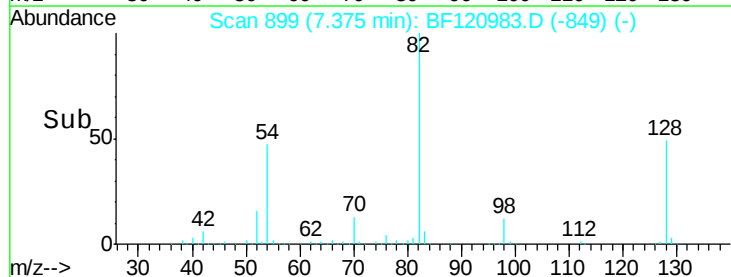
54 46.5 38.7 58.1

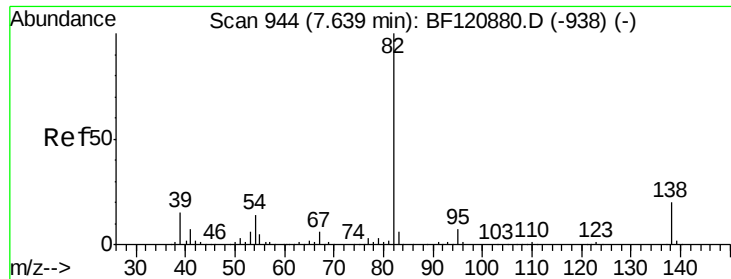


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

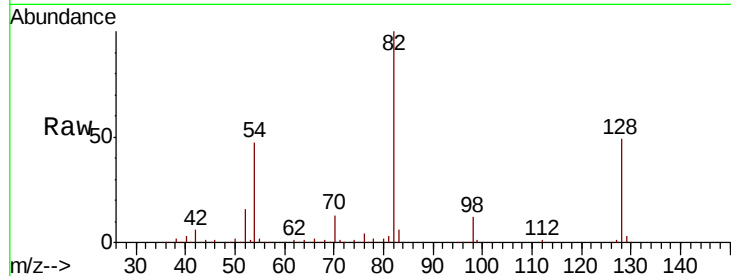




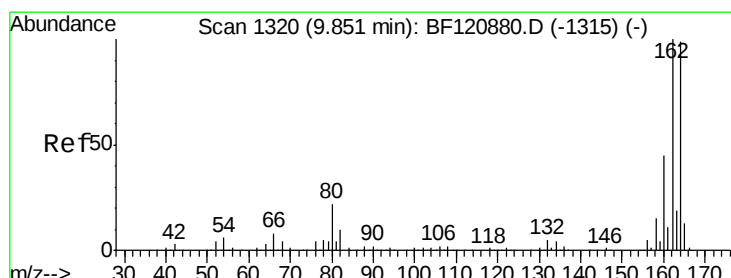
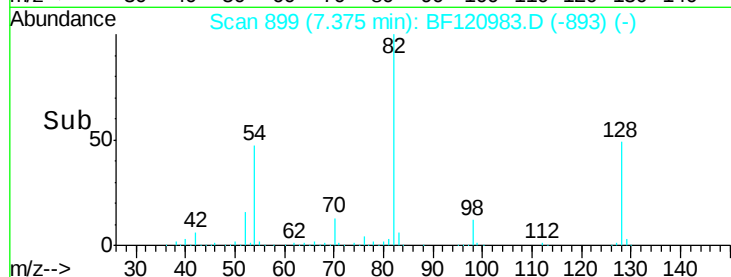
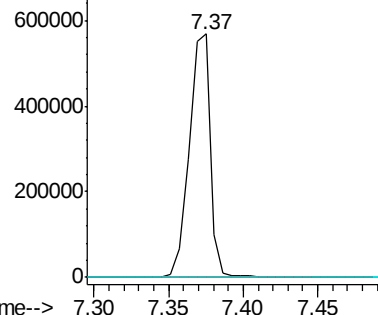
#25
Isophorone
Concen: 29.698 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 563868
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.6 23.4#

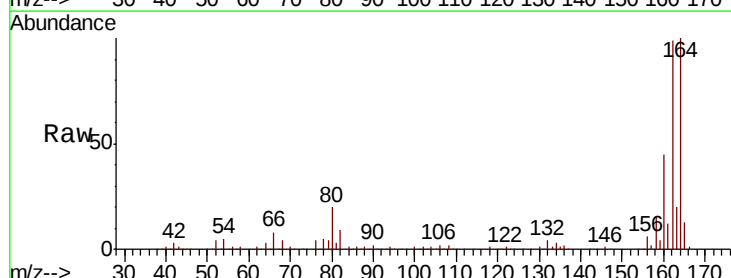


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

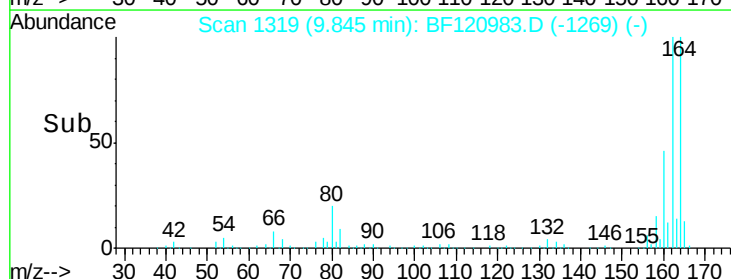
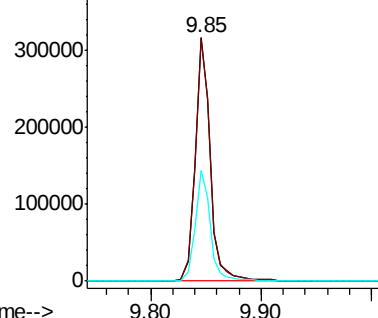


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Tgt Ion:164 Resp: 301870
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 45.4 36.9 55.3



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

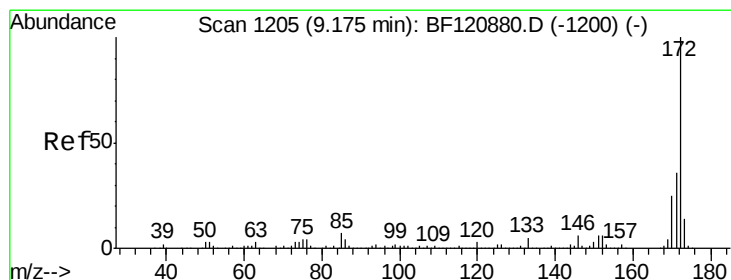
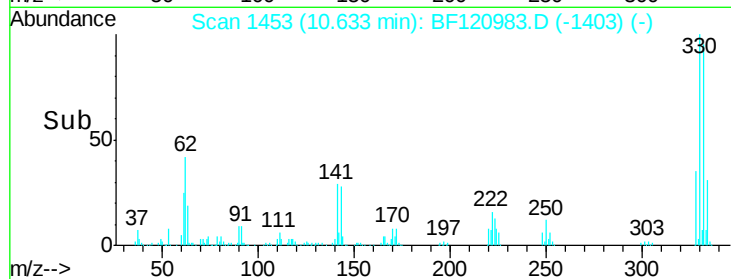
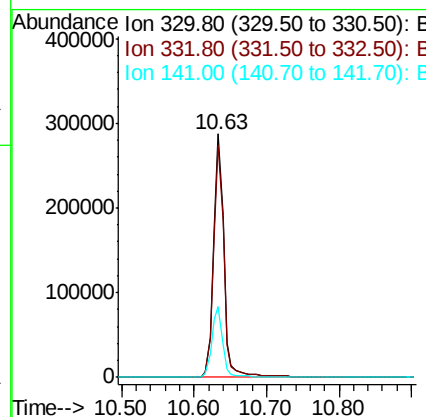
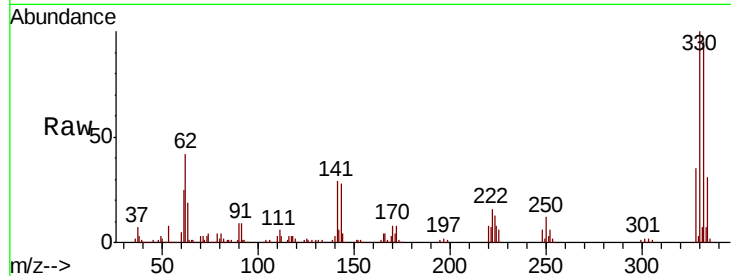




#42
 2,4,6-Tribromophenol
 Concen: 87.340 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120983.D
 Acq: 23 Jul 2020 16:18

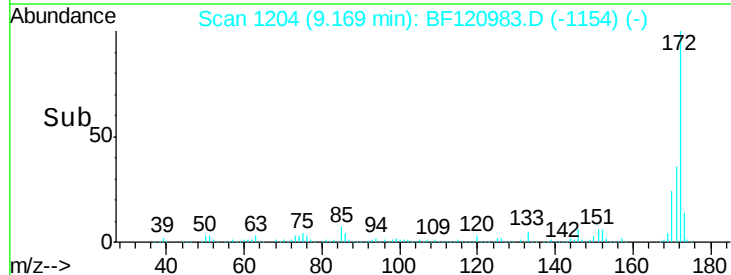
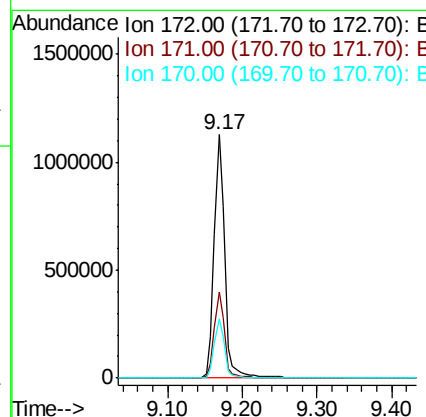
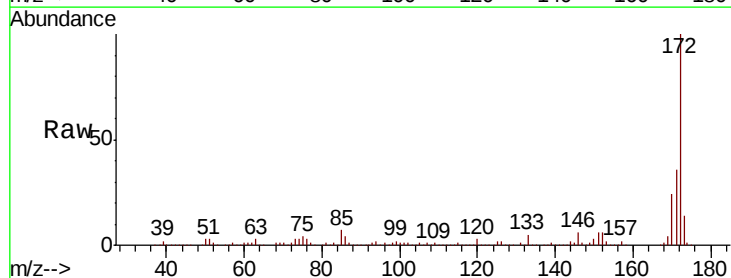
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	30.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 55.729 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120983.D
 Acq: 23 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.3	19.6	29.4

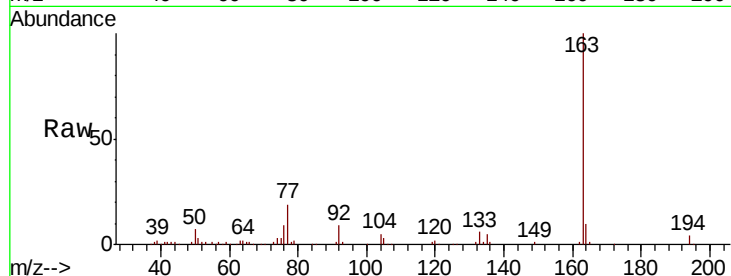




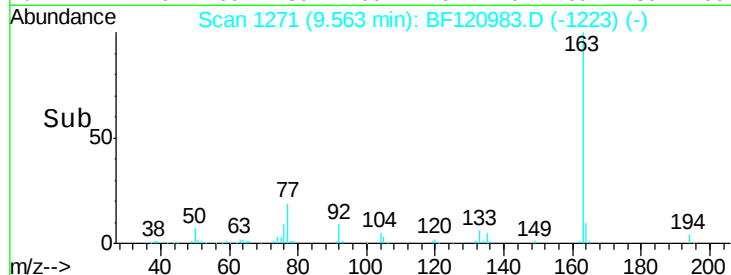
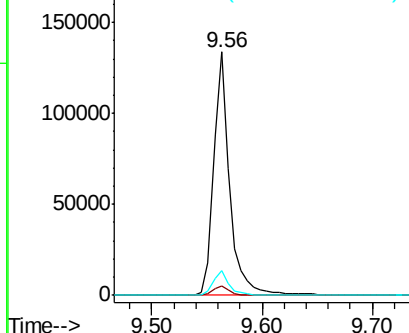
#50
Dimethylphthalate
Concen: 6.113 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 133140
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 7.9 11.9

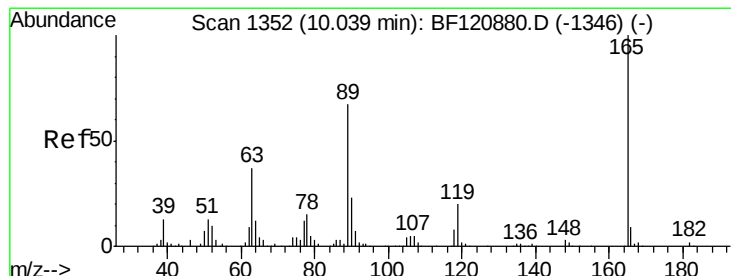


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

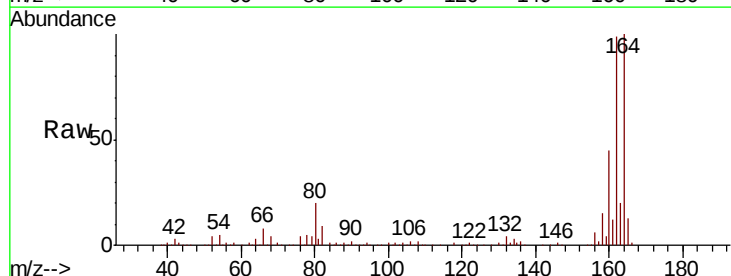
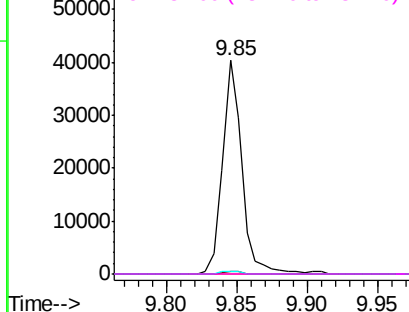


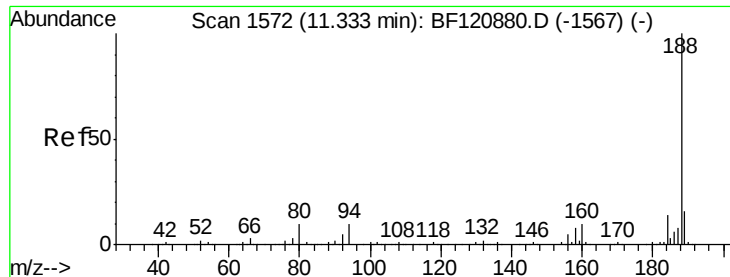
#57
2,4-Dinitrotoluene
Concen: 6.311 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Tgt Ion:165 Resp: 38776
Ion Ratio Lower Upper
165 100
63 1.1 29.4 44.2#
89 1.3 53.4 80.0#
182 0.0 1.8 2.6#



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

Instrument :

BNA_F

ClientSampleId :

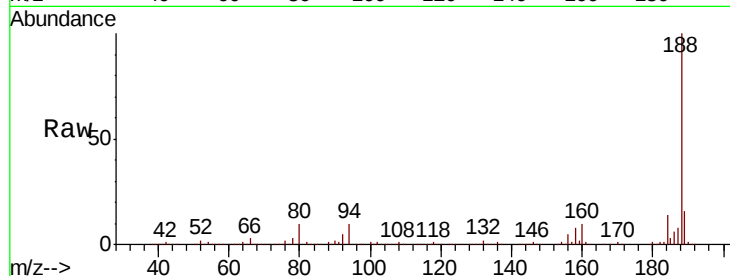
Tot Ion:188 Resp: 572341

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

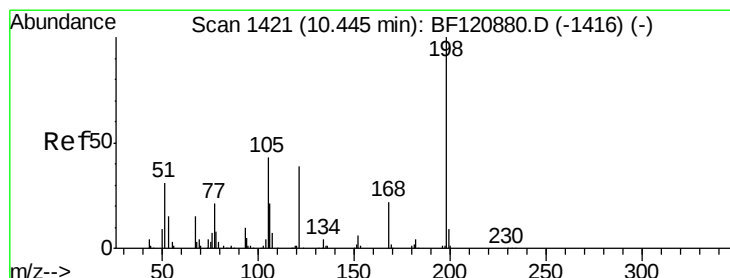
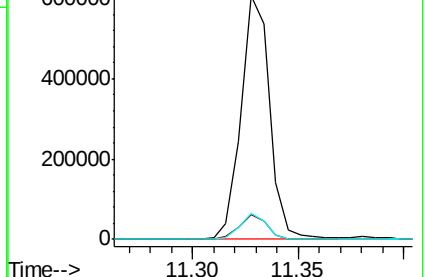
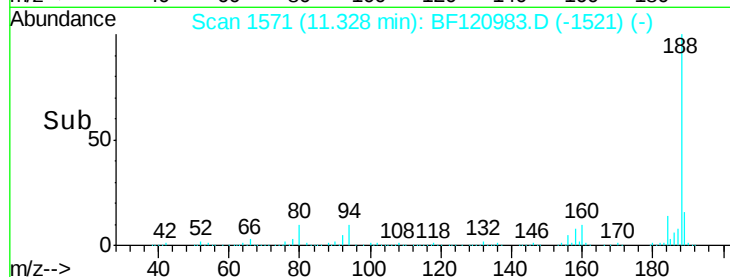
80 10.5 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.004 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120983.D

Acq: 23 Jul 2020 16:18

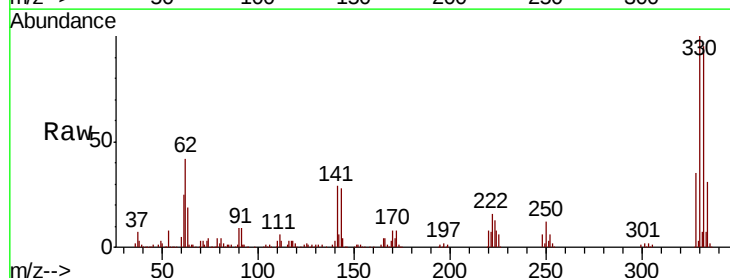
Tgt Ion:198 Resp: 581

Ion Ratio Lower Upper

198 100

51 156.4 19.5 59.5#

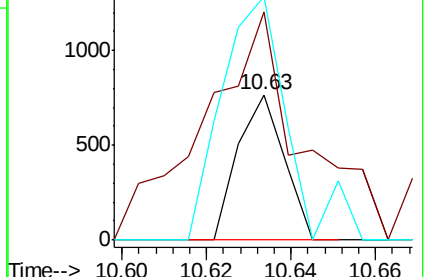
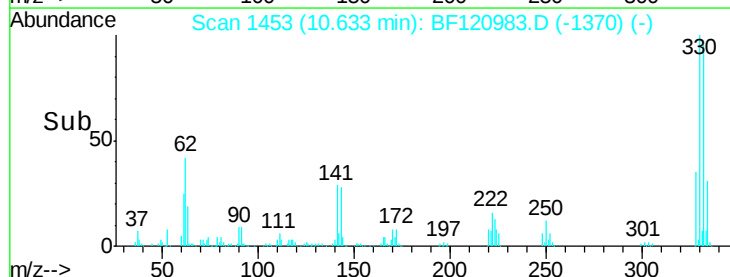
105 167.2 24.4 64.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

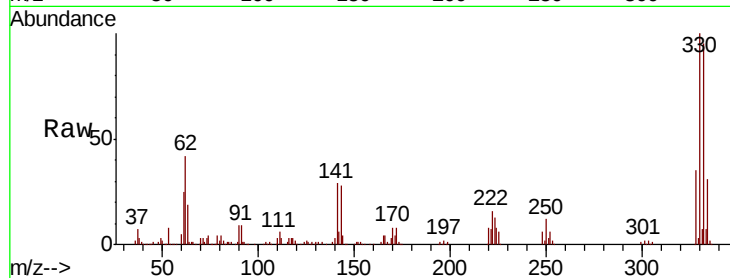




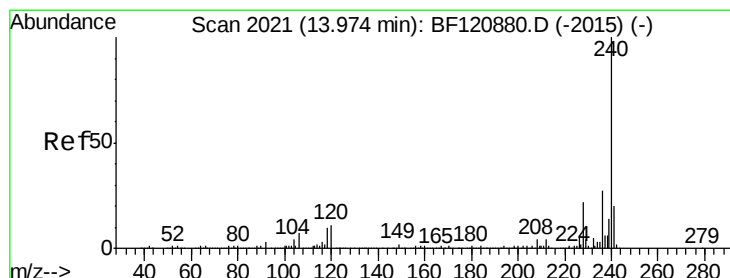
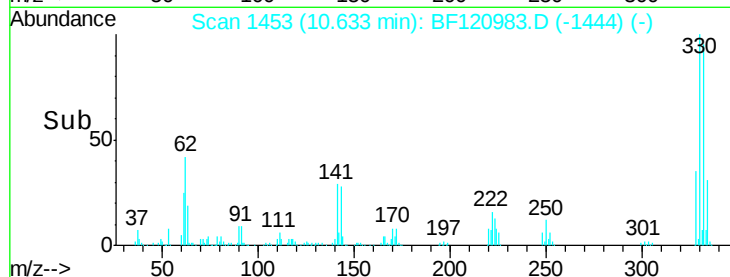
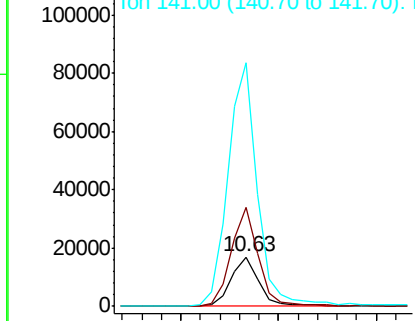
#67
4-Bromophenyl-phenylether
Concen: 2.572 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16414
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 494.7 61.2 91.8#

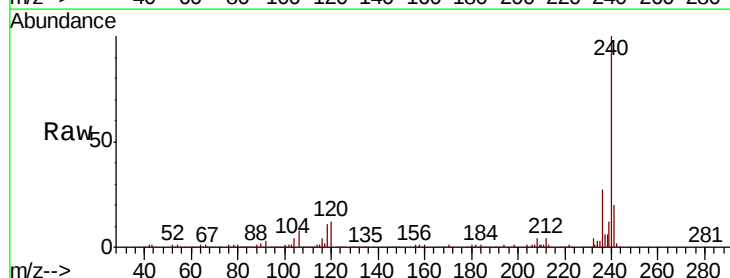


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

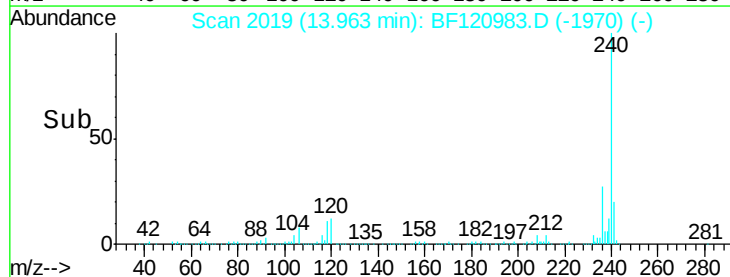
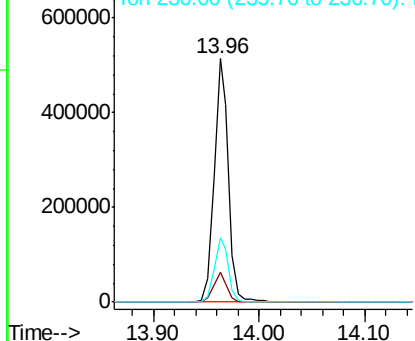


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Tgt Ion:240 Resp: 491013
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 26.7 21.7 32.5



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

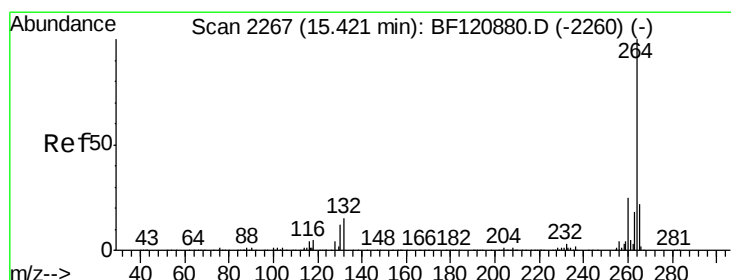
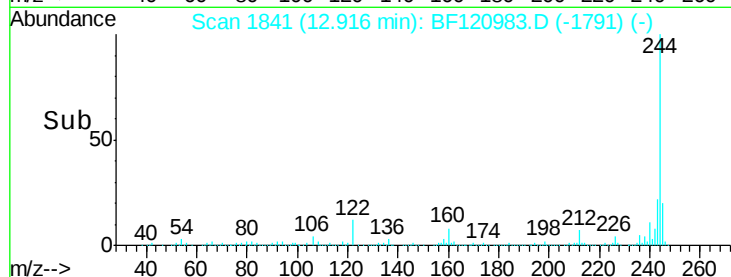
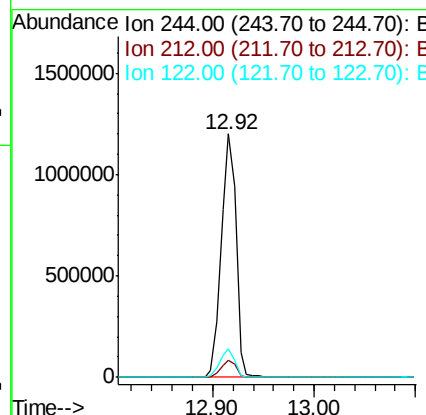
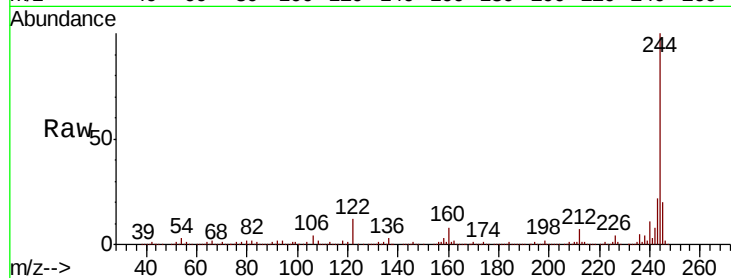




#79
Terphenyl-d14
Concen: 53.938 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:244 Resp: 1218338
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.6 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120983.D
Acq: 23 Jul 2020 16:18

Tgt Ion:264 Resp: 472845
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.6 17.4 26.2

