

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120966.D
 Acq On : 22 Jul 2020 16:01
 Operator : JU/CG
 Sample : L3184-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 17:12:07 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

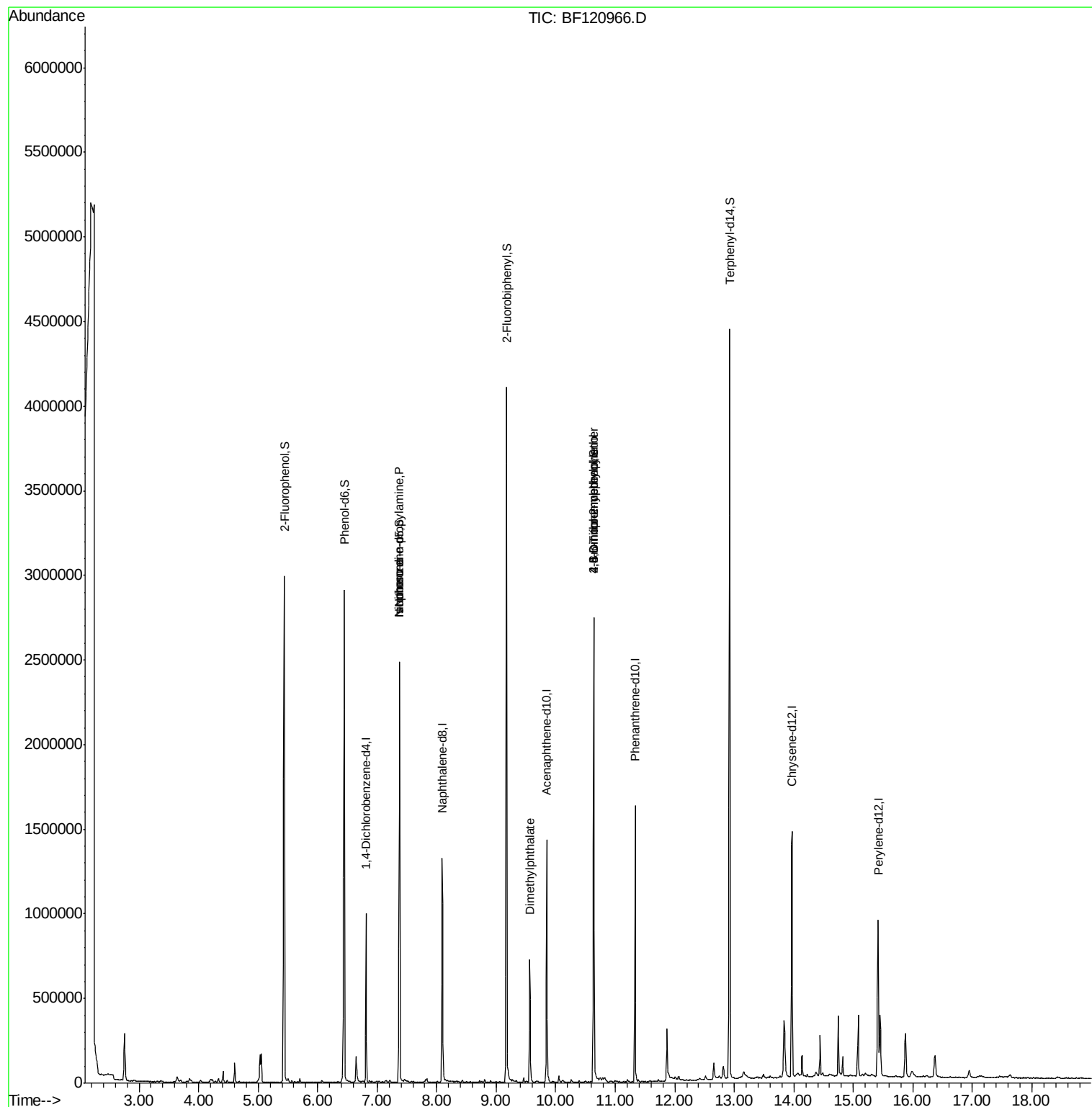
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	157715	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	592154	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323755	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	616825	20.00	ng	0.00
76) Chrysene-d12	13.97	240	527985	20.00	ng	0.00
86) Perylene-d12	15.42	264	465695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1010170	105.00	ng	0.02
7) Phenol-d6	6.45	99	1099167	88.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	863850	84.41	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	422142	119.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1511644	69.71	ng	0.00
79) Terphenyl-d14	12.92	244	1677619	69.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	277	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	114605	16.218 ng	#	78
25) Isophorone	7.37	82	863836	42.295 ng	#	63
50) Dimethylphthalate	9.56	163	293850	12.581 ng		99
65) 4,6-Dinitro-2-methylphenol	10.64	198	796	4.048 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	24156	3.513 ng	#	1

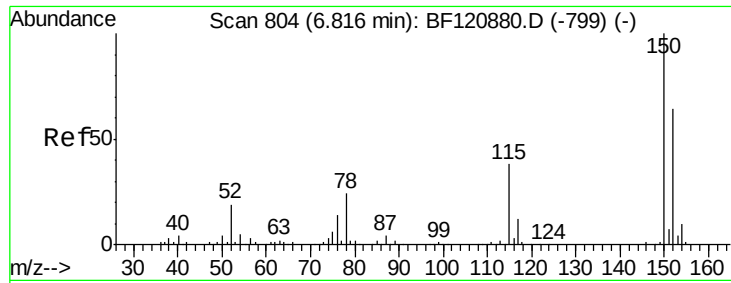
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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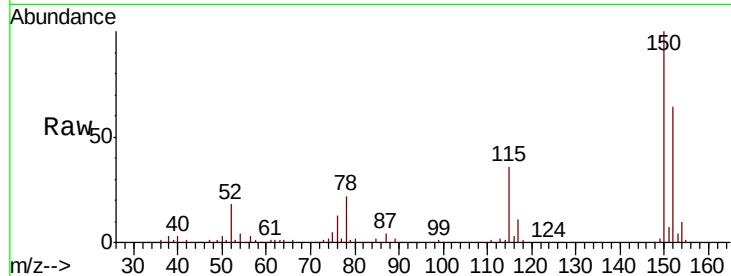


#1

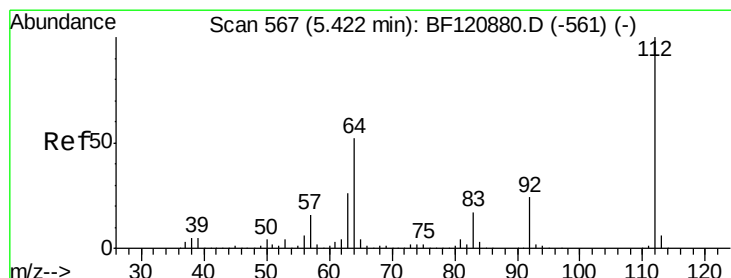
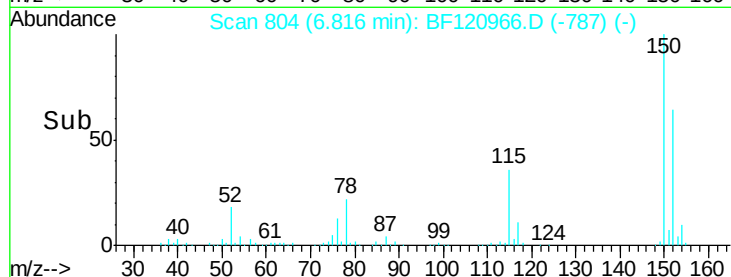
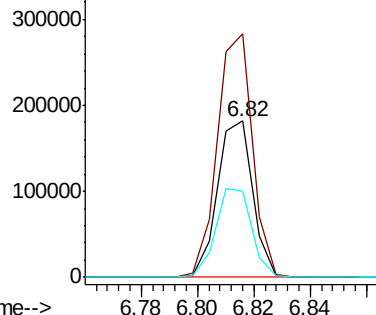
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 157715
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.6
 115 55.6 47.0 70.4



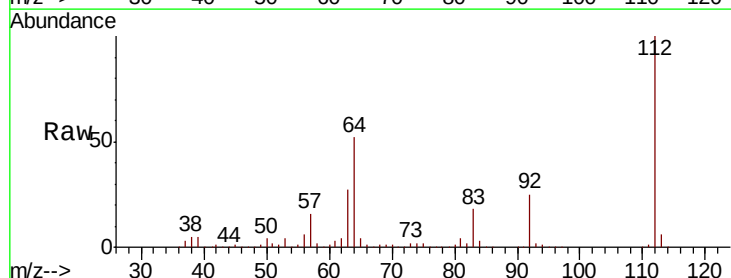
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



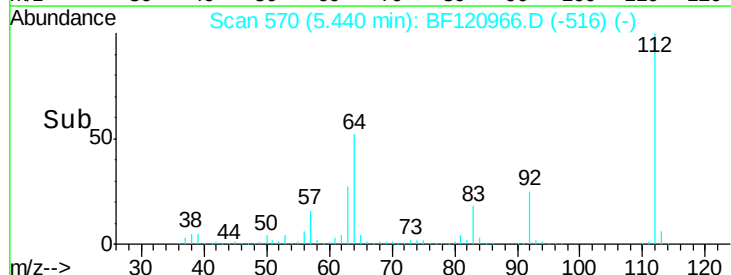
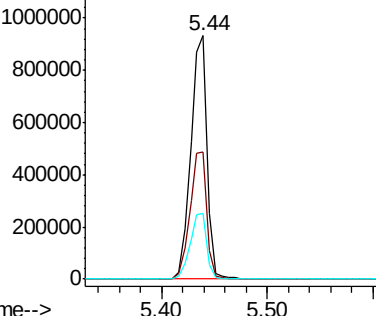
#5

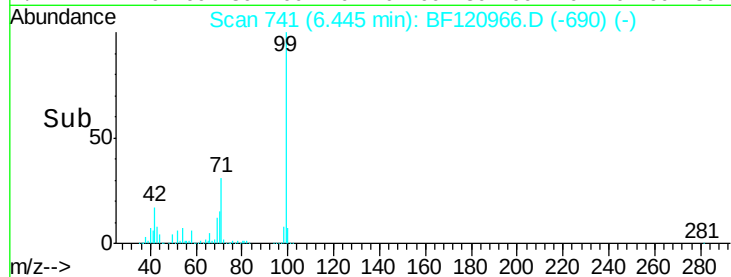
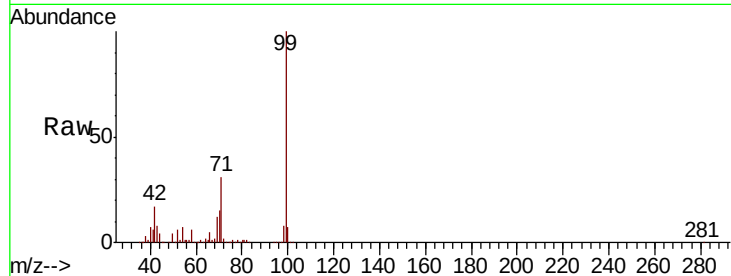
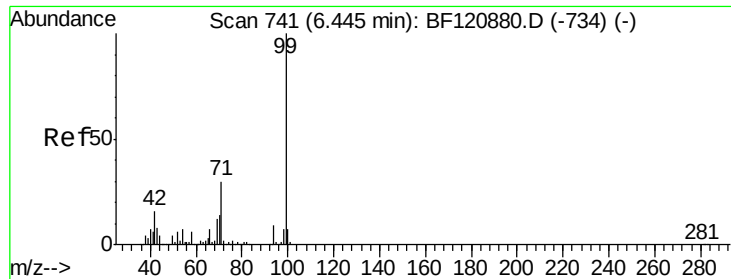
2-Fluorophenol
 Concen: 105.001 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

Tgt Ion:112 Resp: 1010170
 Ion Ratio Lower Upper
 112 100
 64 52.3 41.3 61.9
 63 27.0 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: 88.448 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

Instrument :

BNA_F

ClientSampled :

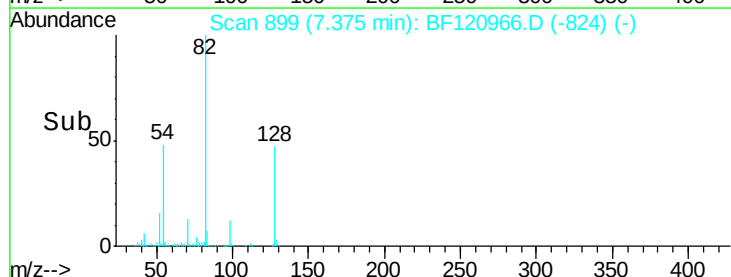
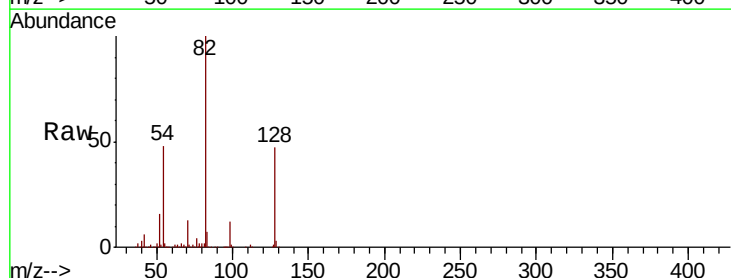
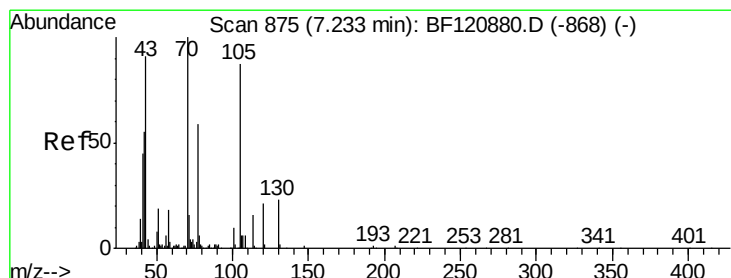
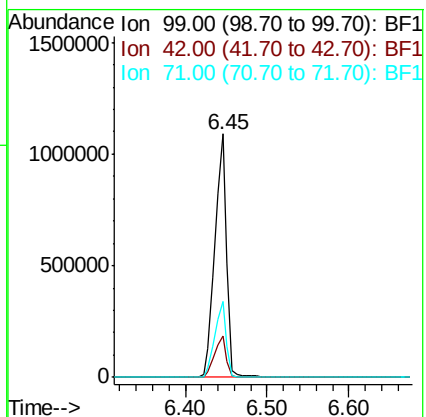
Tot Ion: 99 Resp: 1099167

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.218 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

Tgt Ion: 70 Resp: 114605

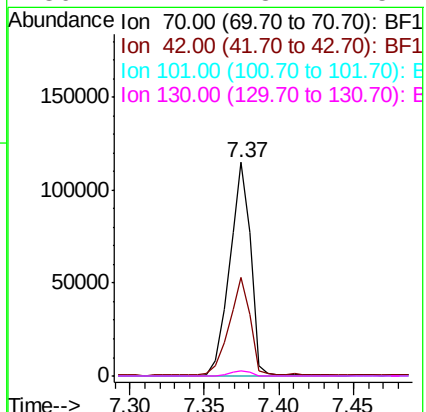
Ion Ratio Lower Upper

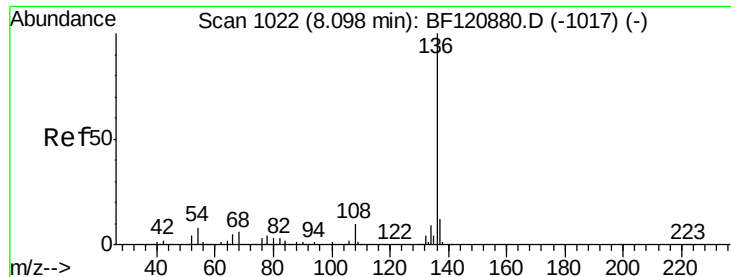
70 100

42 46.3 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#

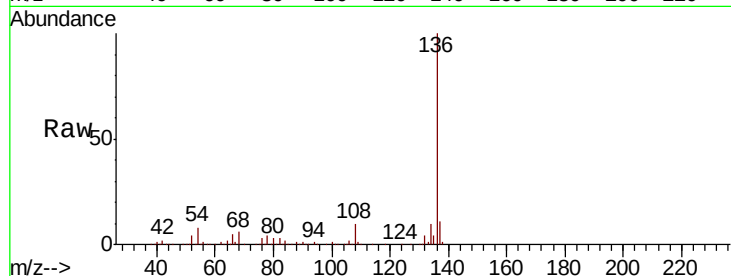




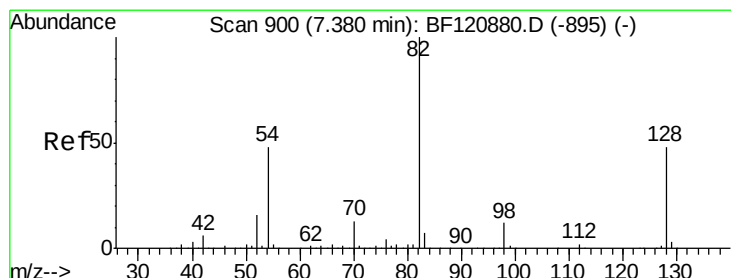
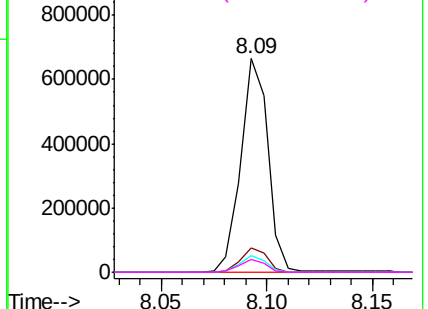
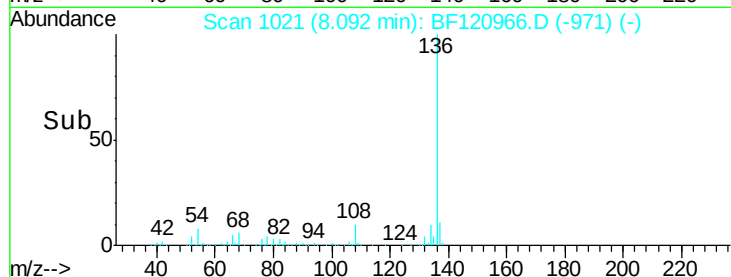
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120966.D
Acq: 22 Jul 2020 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	592154
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	7.7	6.3 9.5
68	6.2	5.0 7.4

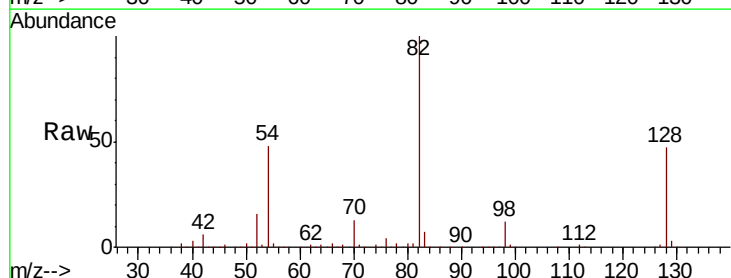


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

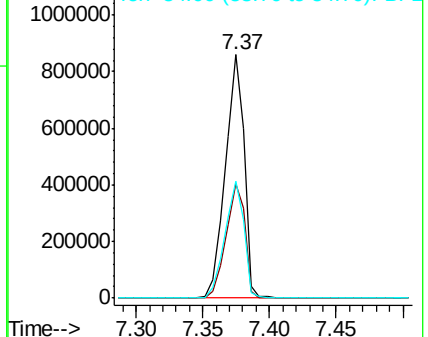
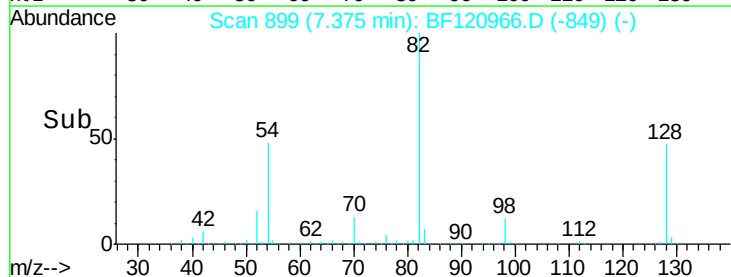


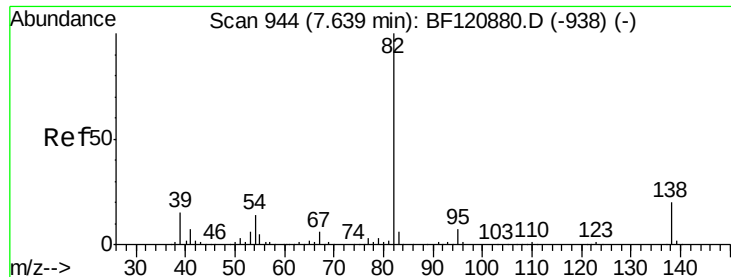
#23
Nitrobenzene-d5
Concen: 84.412 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120966.D
Acq: 22 Jul 2020 16:01

Tgt Ion: 82	Resp:	863850
Ion	Ratio	Lower Upper
82	100	
128	47.0	38.2 57.4
54	48.2	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: 42.295 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

Instrument :

BNA_F

ClientSampled :

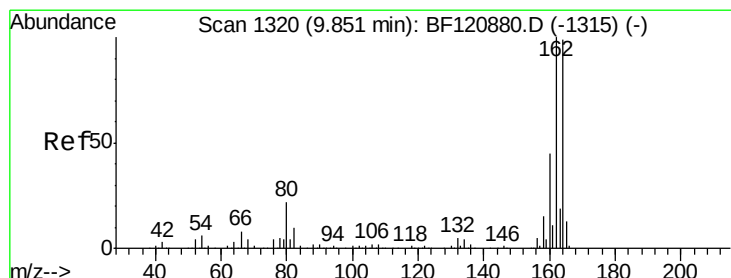
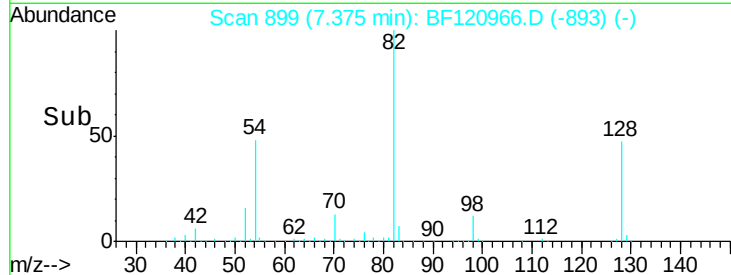
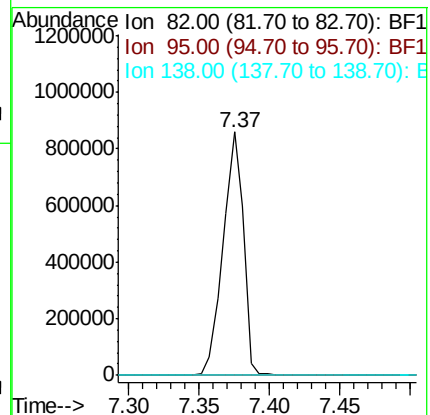
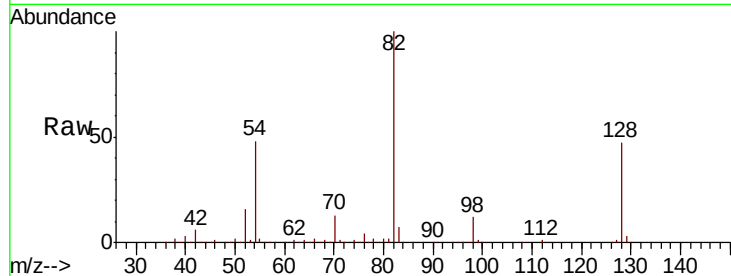
Tot Ion: 82 Resp: 863836

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

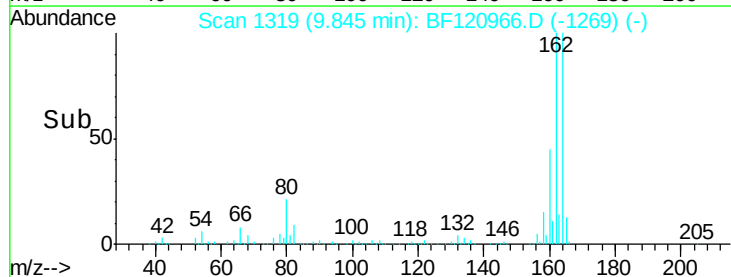
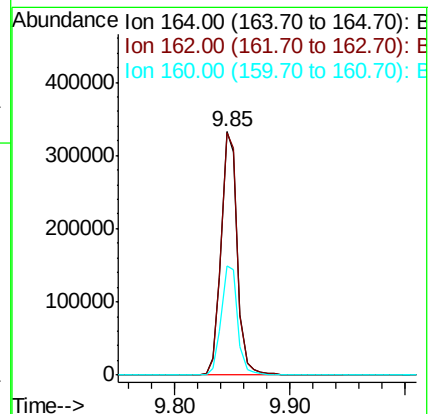
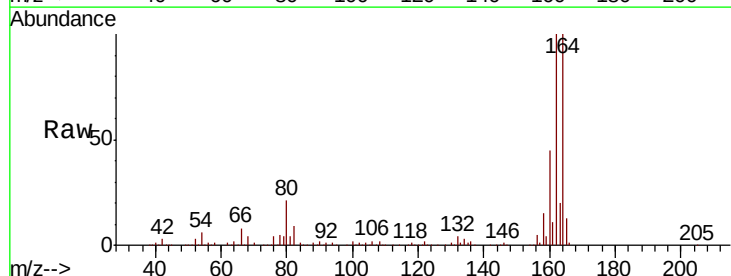
Tgt Ion:164 Resp: 323755

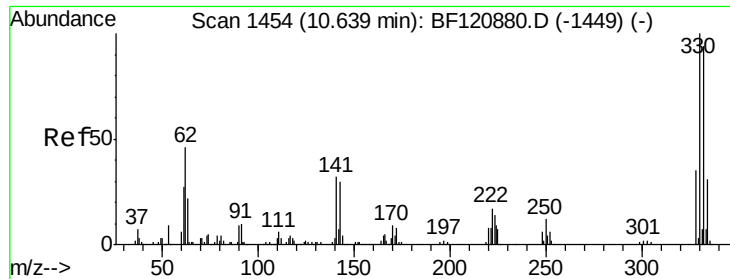
Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

160 45.1 36.9 55.3

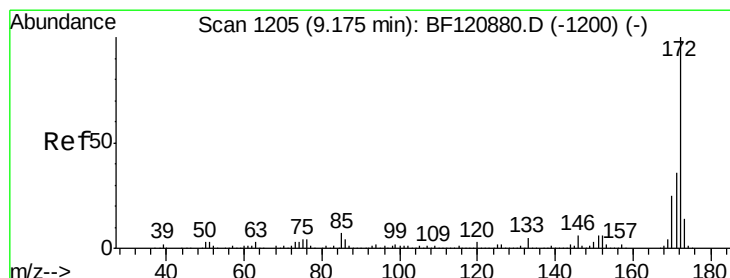
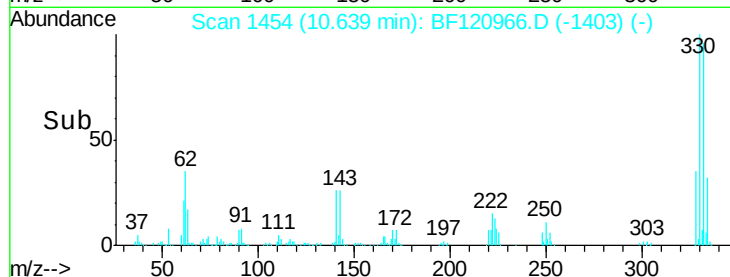
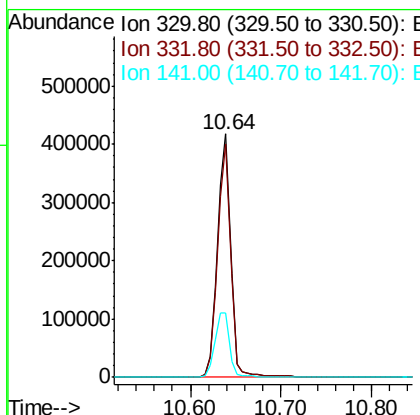
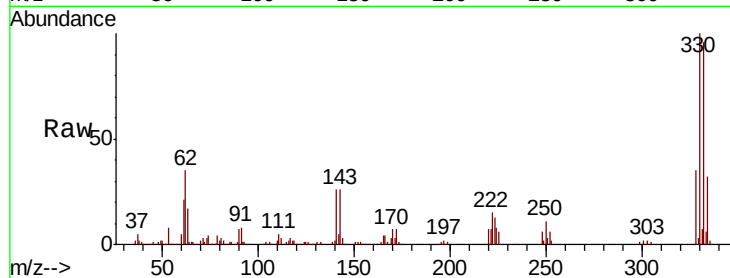




#42
 2,4,6-Tribromophenol
 Concen: 119.121 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

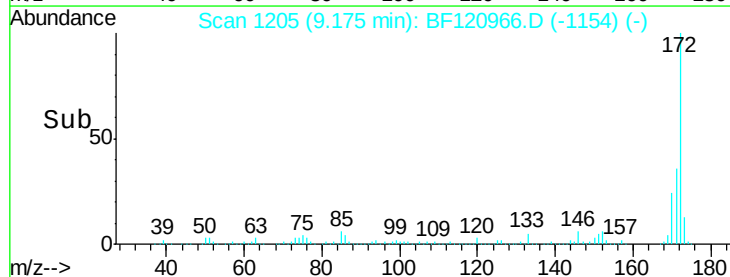
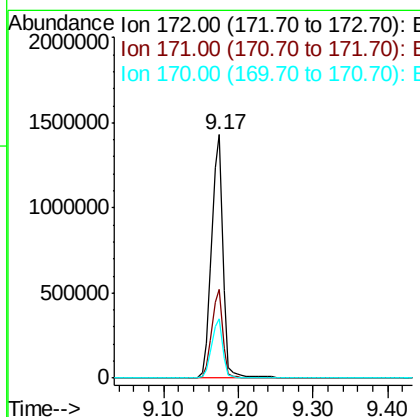
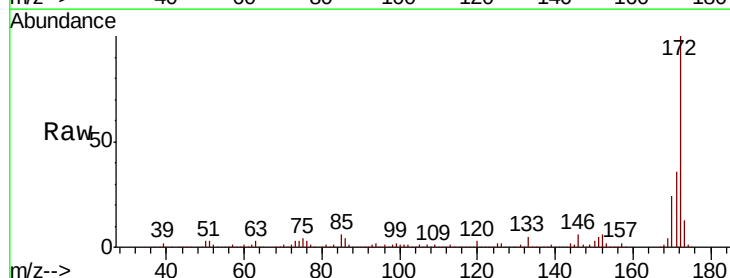
Instrument :
 BNA_F
 ClientSampleId :

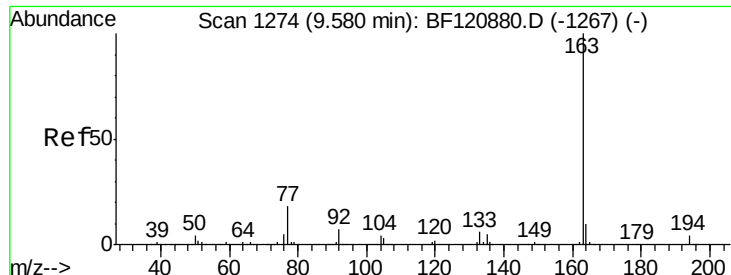
Tot Ion:330 Resp: 422142
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.5 113.3
 141 29.9 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 69.712 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

Tgt Ion:172 Resp: 1511644
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.2 19.6 29.4

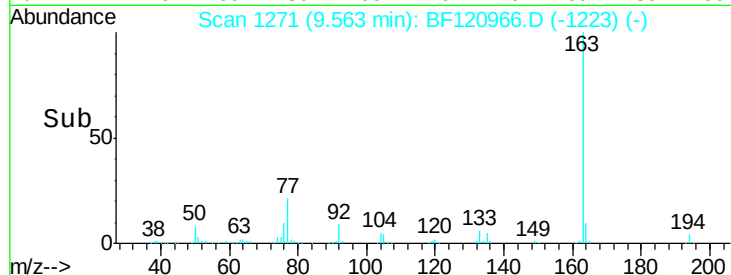
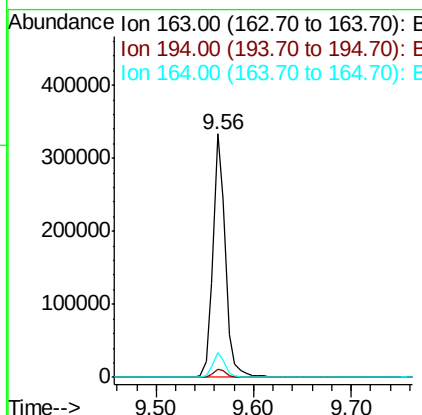
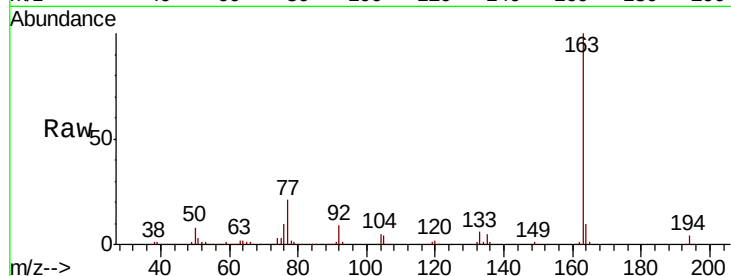




#50
Dimethylphthalate
Concen: 12.581 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120966.D
Acq: 22 Jul 2020 16:01

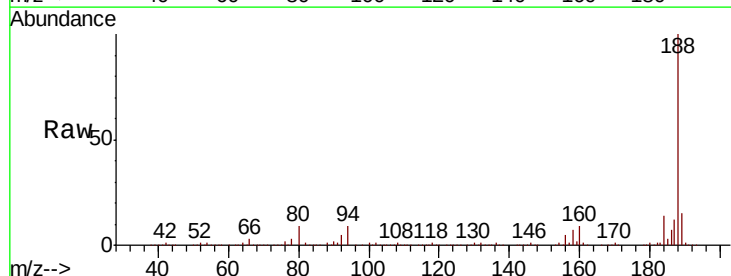
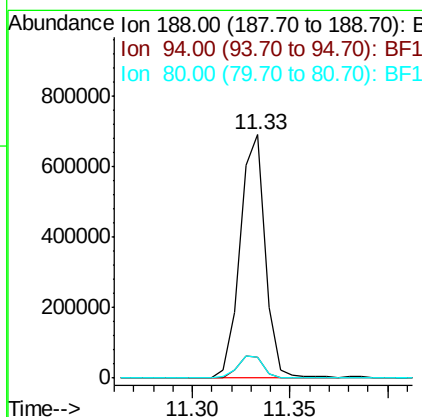
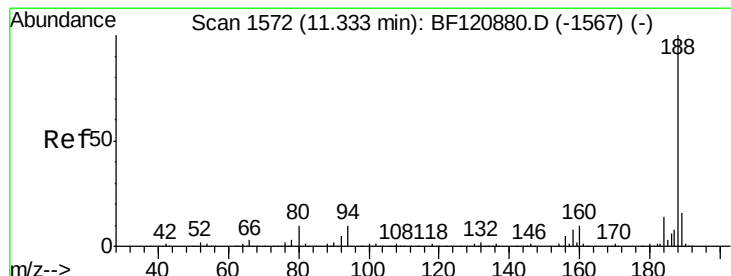
Instrument :
BNA_F
ClientSampled :

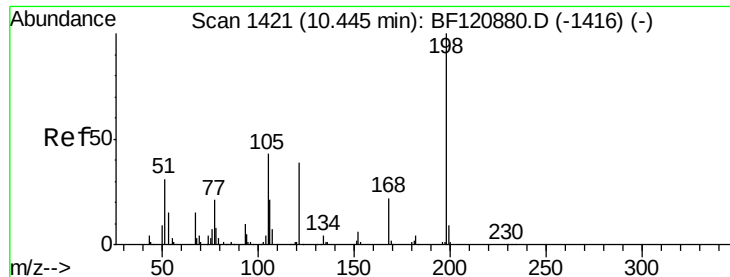
Tot Ion:163 Resp: 293850
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120966.D
Acq: 22 Jul 2020 16:01

Tgt Ion:188 Resp: 616825
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 8.7 8.3 12.5

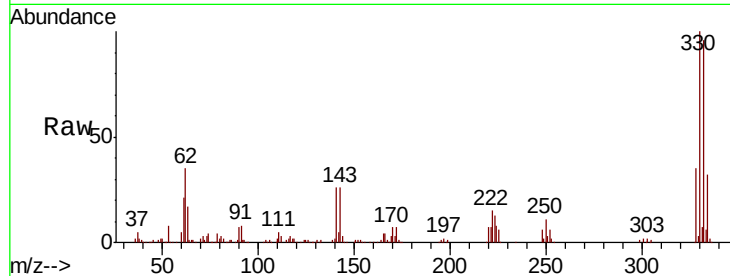




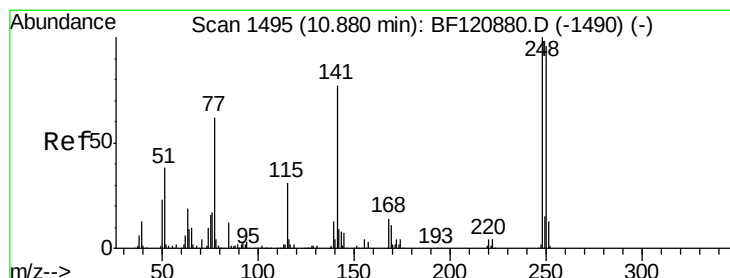
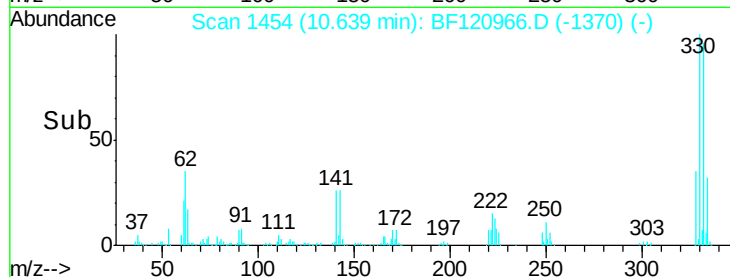
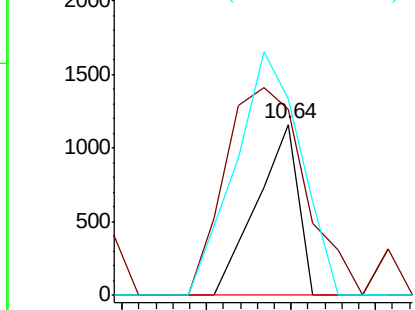
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.048 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 796
 Ion Ratio Lower Upper
 198 100
 51 108.9 19.5 59.5#
 105 115.0 24.4 64.4#

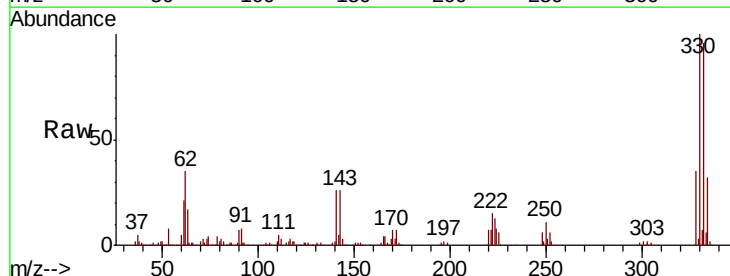


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

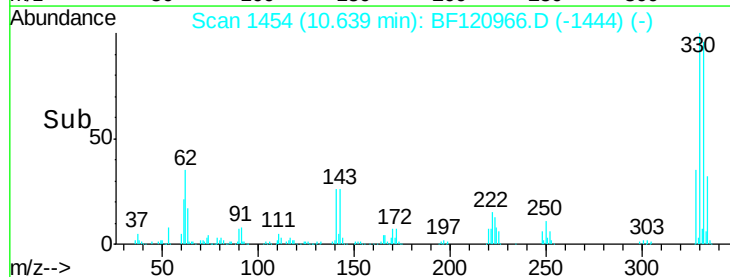
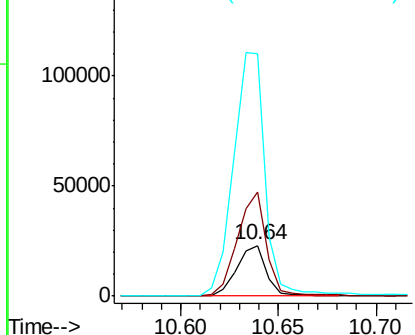


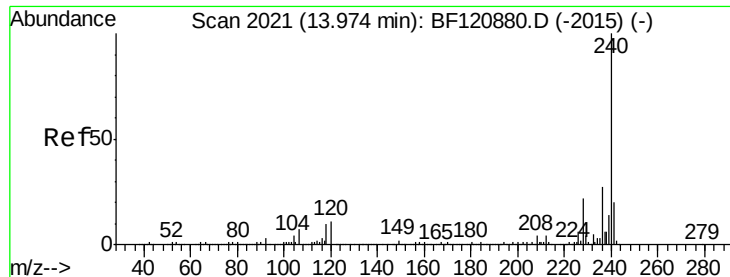
#67
 4-Bromophenyl-phenylether
 Concen: 3.513 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120966.D
 Acq: 22 Jul 2020 16:01

Tgt Ion:248 Resp: 24156
 Ion Ratio Lower Upper
 248 100
 250 206.6 77.1 115.7#
 141 478.0 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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

Instrument :

BNA_F

ClientSampleId :

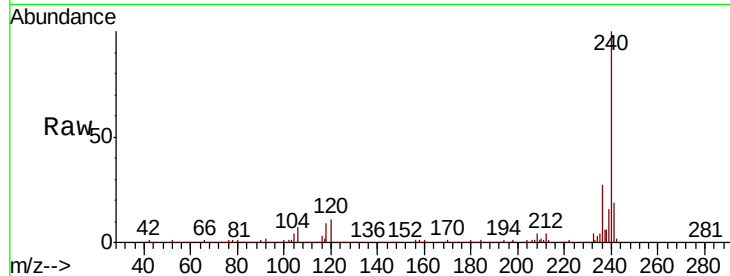
Tot Ion:240 Resp: 527985

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

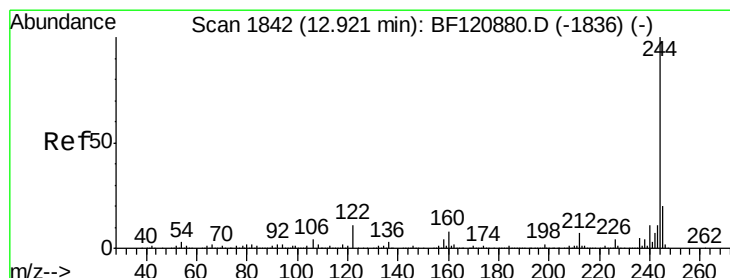
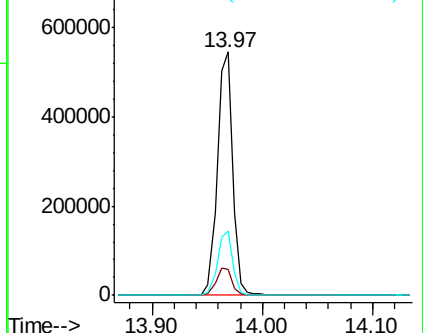
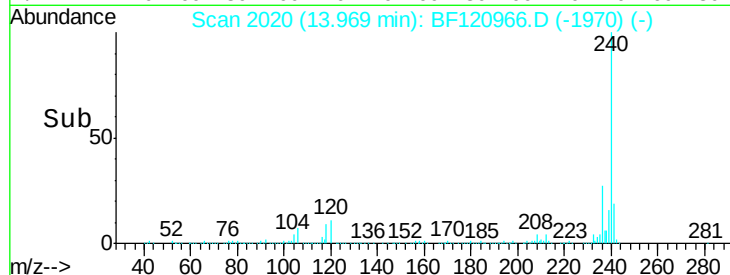
236 26.6 21.7 32.5



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: 69.070 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120966.D

Acq: 22 Jul 2020 16:01

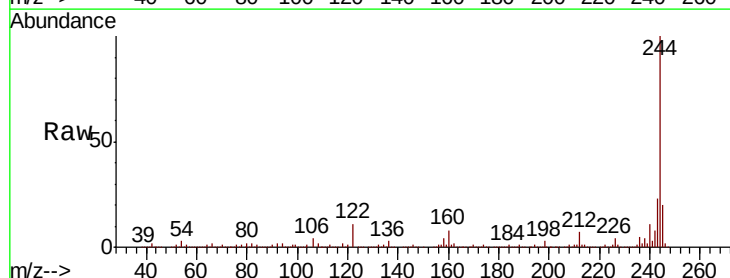
Tgt Ion:244 Resp: 1677619

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

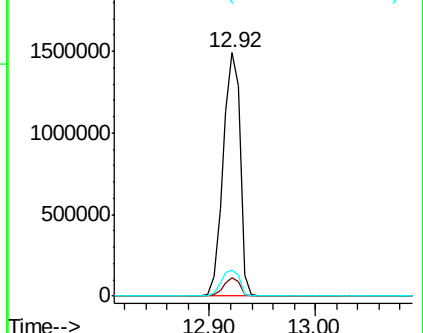
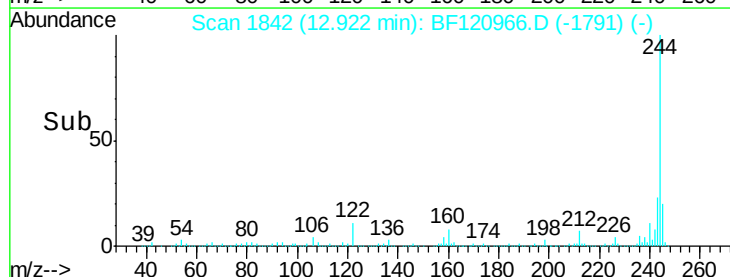
122 10.8 8.9 13.3

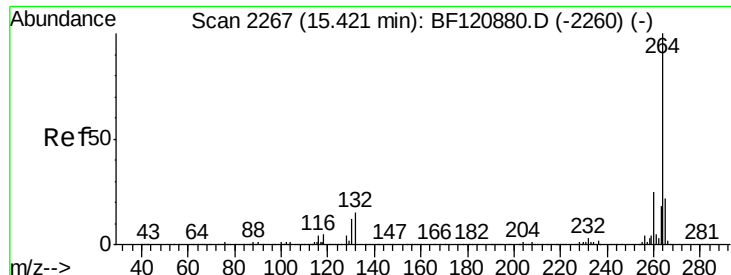


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

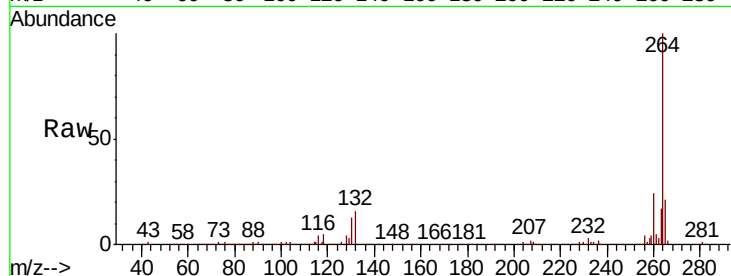




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120966.D
Acq: 22 Jul 2020 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.0	30.0
265	21.4	17.4	26.2



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

