

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120970.D
 Acq On : 22 Jul 2020 18:06
 Operator : JU/CG
 Sample : L3187-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 19:09:07 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	163417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	610042	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	335904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	646782	20.00	ng	0.00
76) Chrysene-d12	13.97	240	542148	20.00	ng	0.00
86) Perylene-d12	15.42	264	446536	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	961144	96.42	ng	0.02
7) Phenol-d6	6.45	99	1046684	81.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	811336	76.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	401956	109.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1467134	65.21	ng	0.00
79) Terphenyl-d14	12.92	244	1621700	65.02	ng	0.00

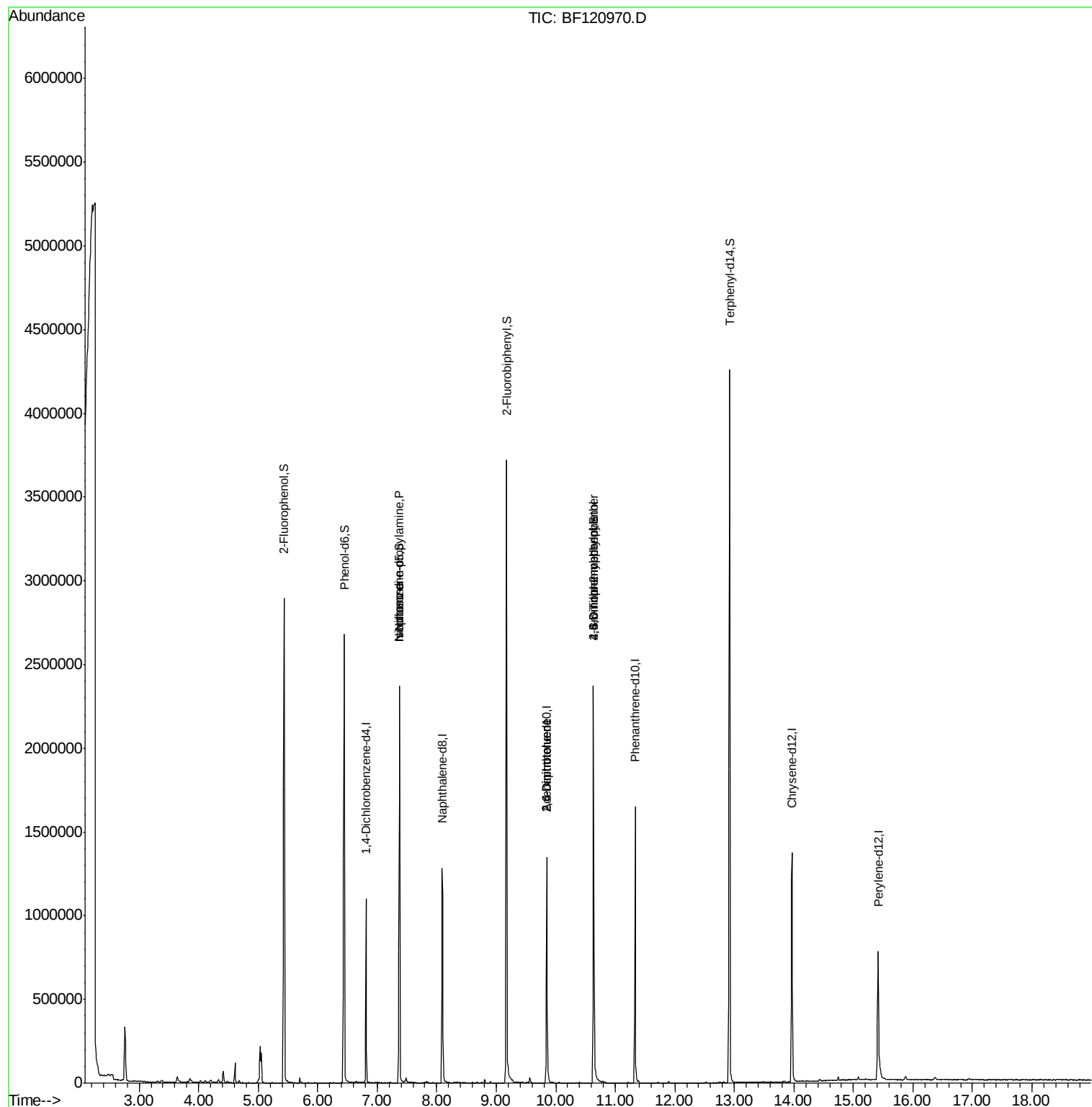
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1409	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	105774	14.446	ng	# 79
25) Isophorone	7.37	82	811329	38.559	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	43477	8.351	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	43477	6.359	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	924	4.070	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	23287	3.229	ng	# 1

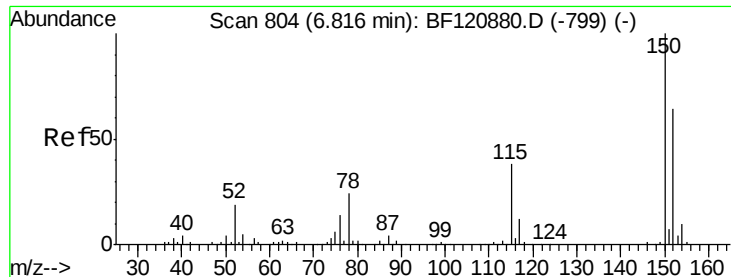
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120970.D
Acq On : 22 Jul 2020 18:06
Operator : JU/CG
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jul 22 19:09:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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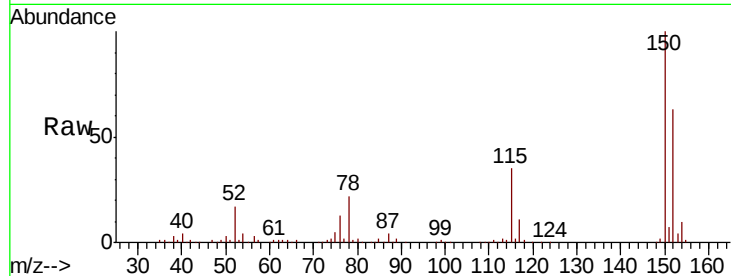


#1

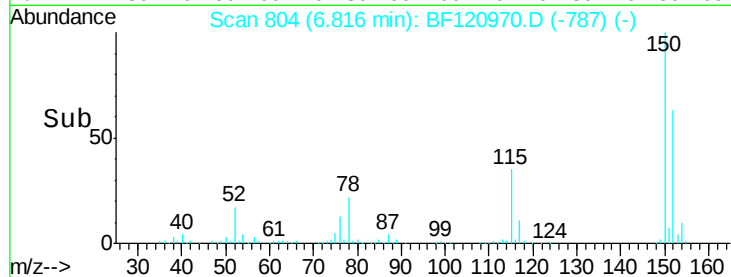
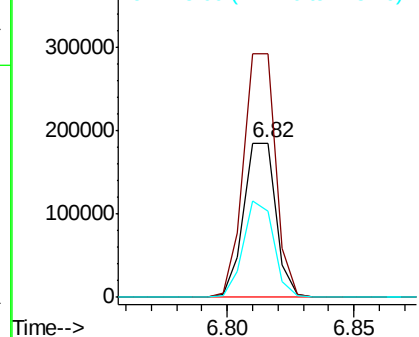
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163417
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.6
115 55.8 47.0 70.4



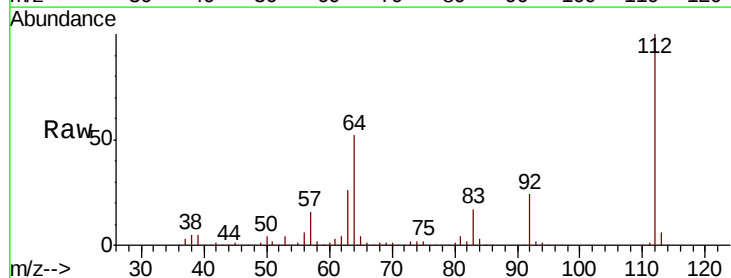
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



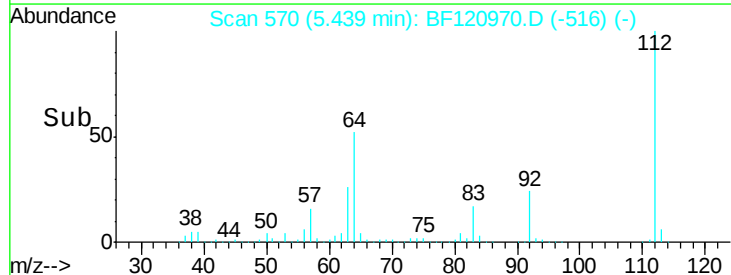
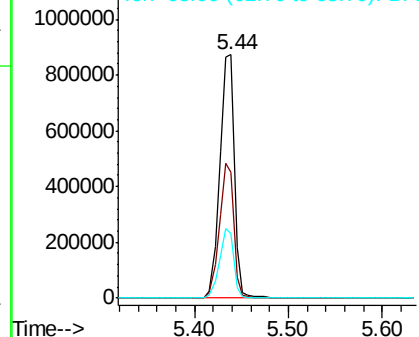
#5

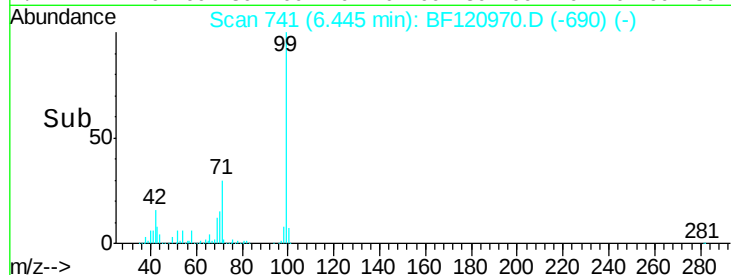
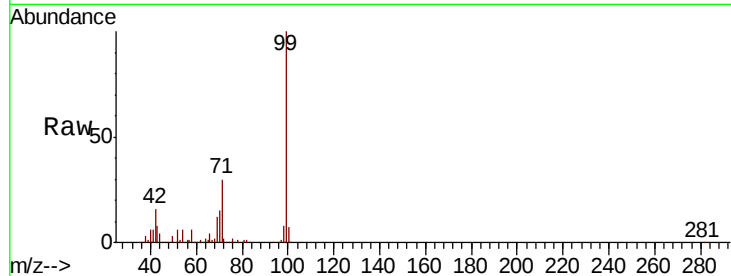
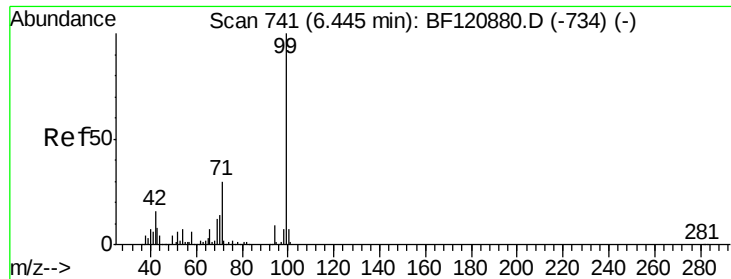
2-Fluorophenol
Concen: 96.419 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Tgt Ion:112 Resp: 961144
Ion Ratio Lower Upper
112 100
64 51.5 41.3 61.9
63 26.4 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: 81.286 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_F

ClientSampleId :

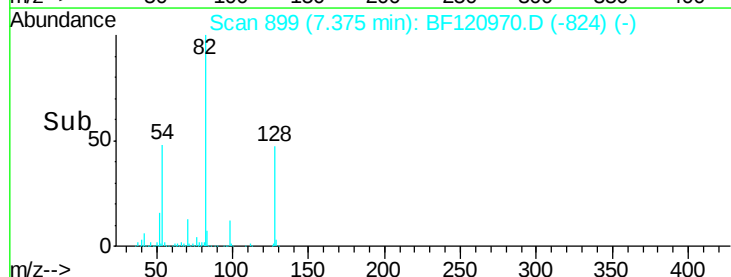
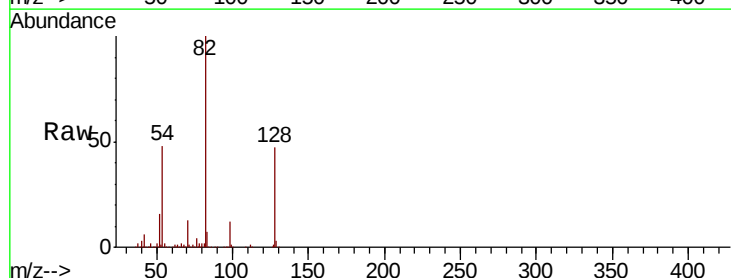
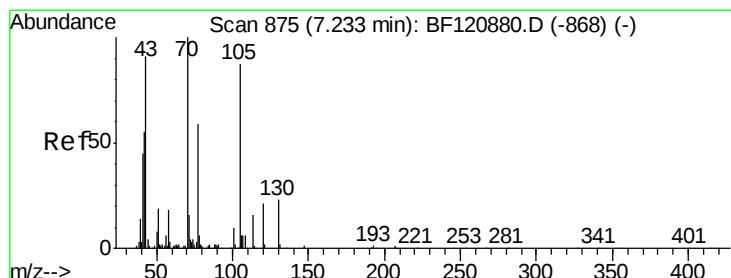
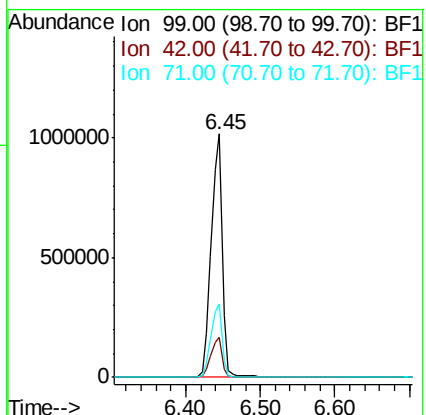
Tot Ion: 99 Resp: 1046684

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 30.1 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.446 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Tgt Ion: 70 Resp: 105774

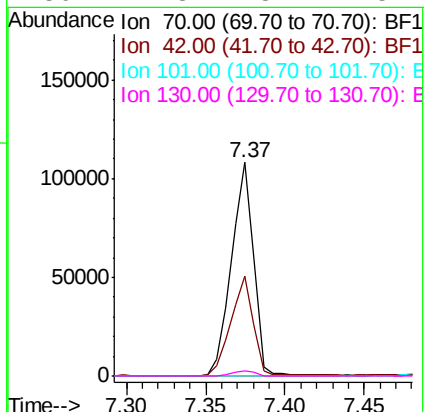
Ion Ratio Lower Upper

70 100

42 46.9 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

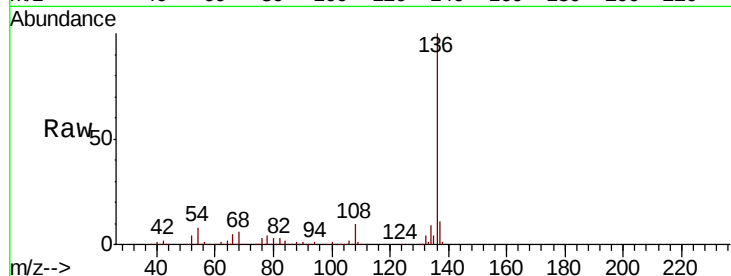




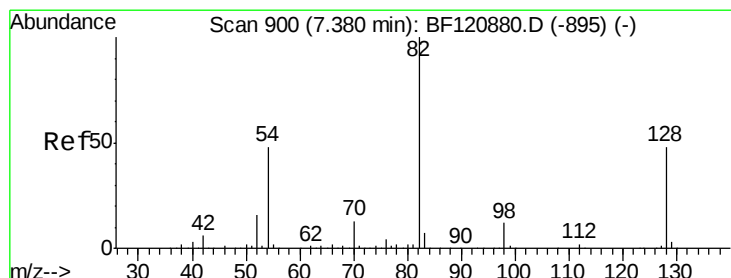
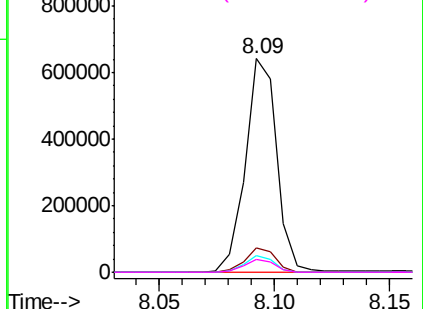
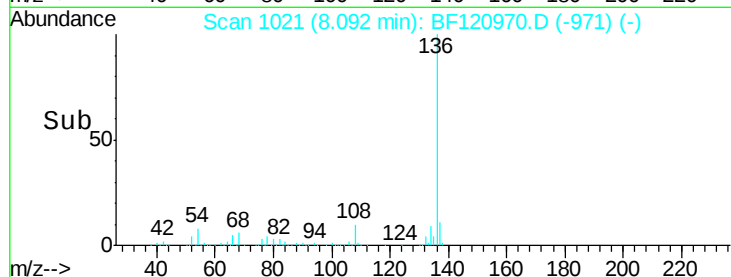
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	610042
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.3 13.9
54	8.0	6.3 9.5
68	6.3	5.0 7.4

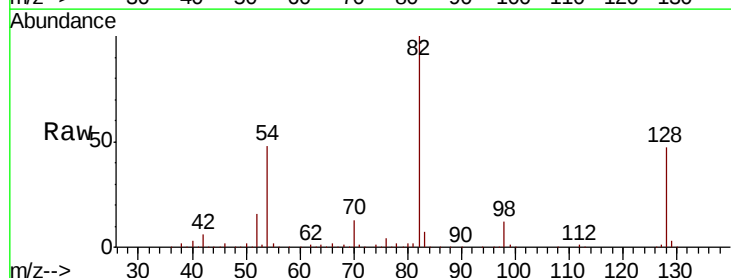


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

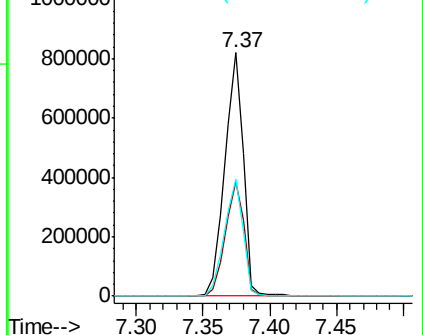
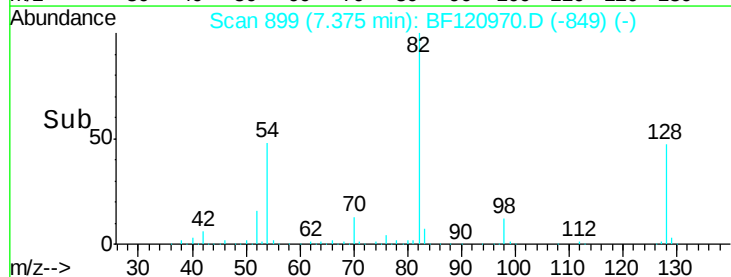


#23
Nitrobenzene-d5
Concen: 76.956 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Tgt Ion: 82	Resp:	811336
Ion Ratio	Lower	Upper
82	100	
128	46.8	38.2 57.4
54	48.0	38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.559 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_F

ClientSampled :

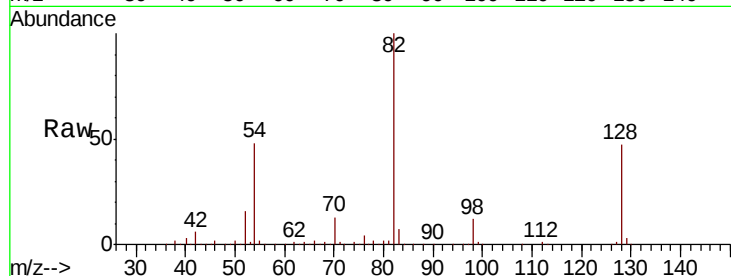
Tot Ion: 82 Resp: 811329

Ion Ratio Lower Upper

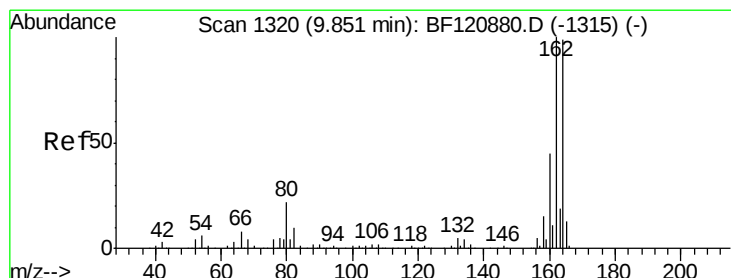
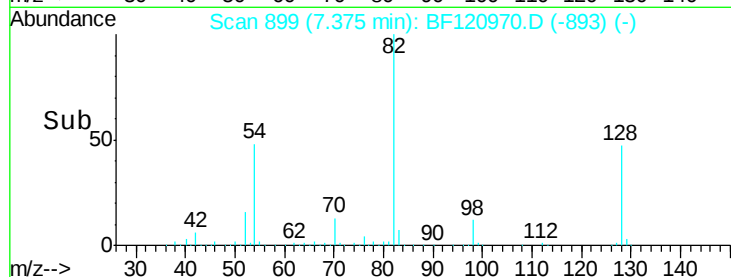
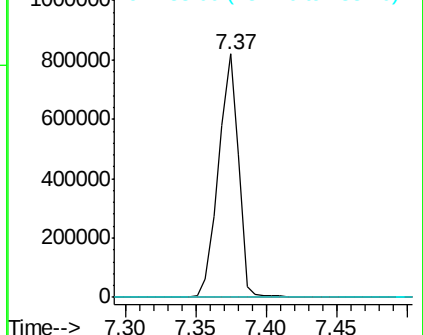
82 100

95 0.0 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# 1320

Delta R.T. -0.00 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

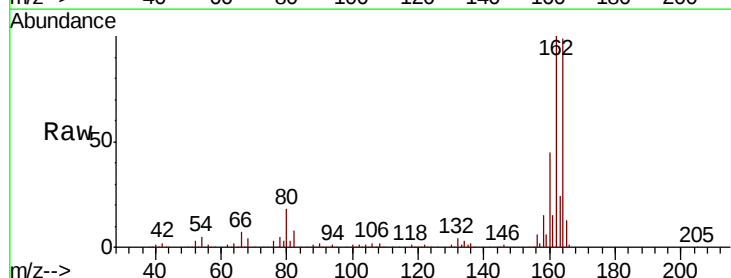
Tgt Ion: 164 Resp: 335904

Ion Ratio Lower Upper

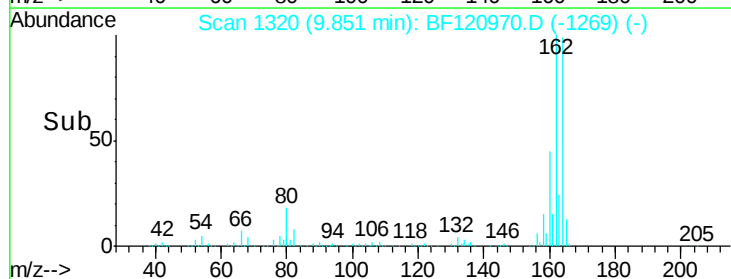
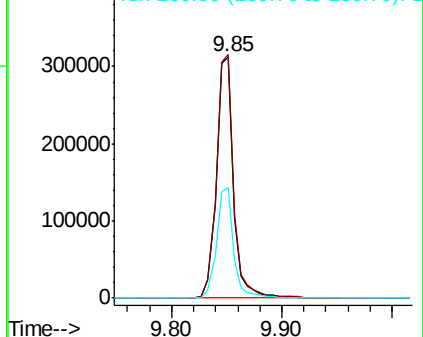
164 100

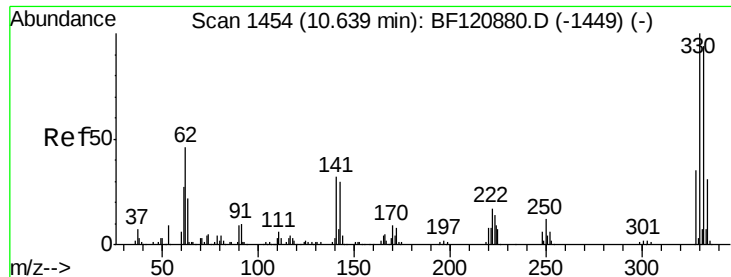
162 100.9 81.2 121.8

160 45.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

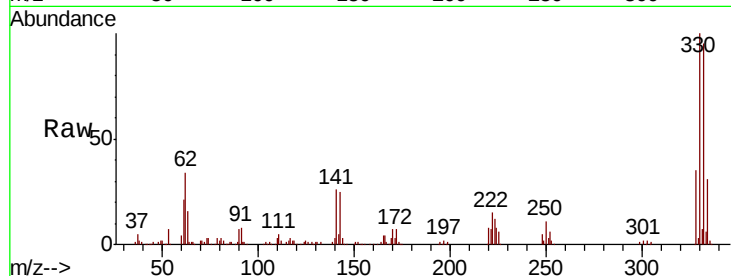




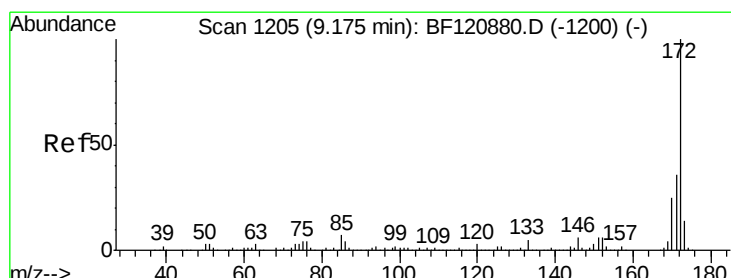
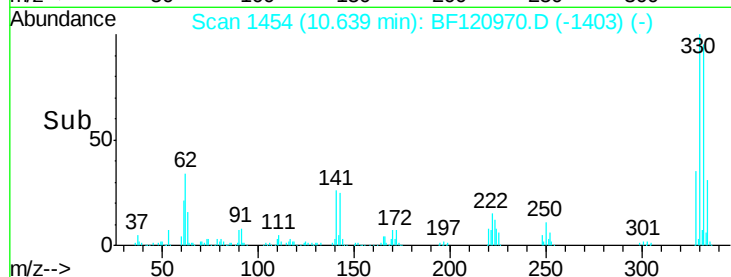
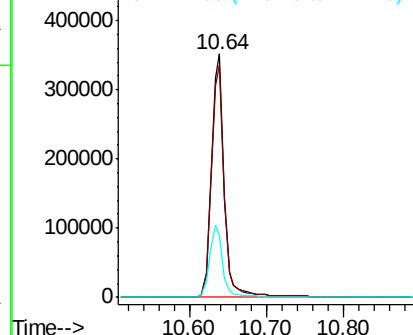
#42
 2,4,6-Tribromophenol
 Concen: 109.322 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.5	113.3
141	30.9	25.7	38.5

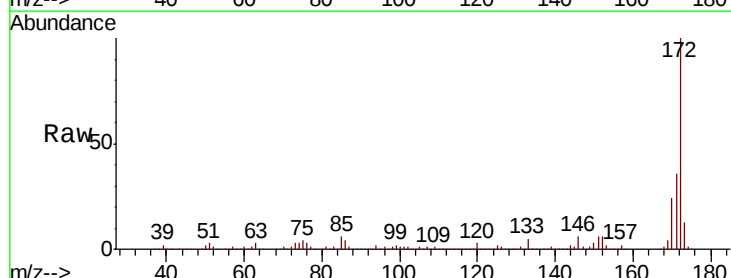


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

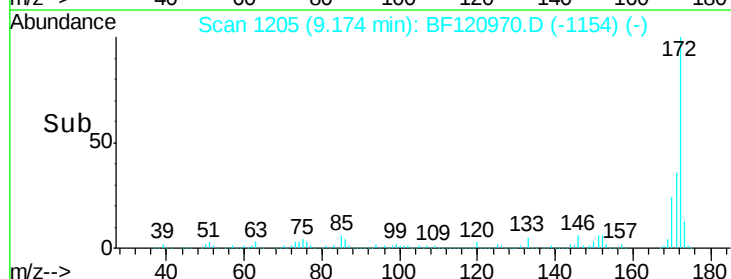
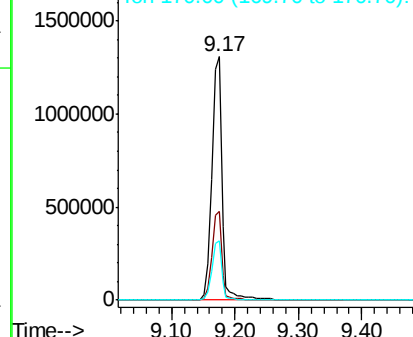


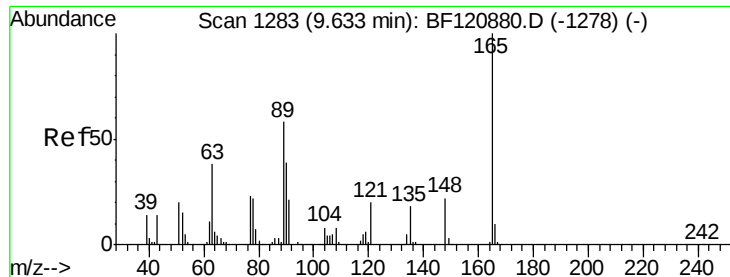
#45
 2-Fluorobiphenyl
 Concen: 65.212 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	19.6	29.4



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

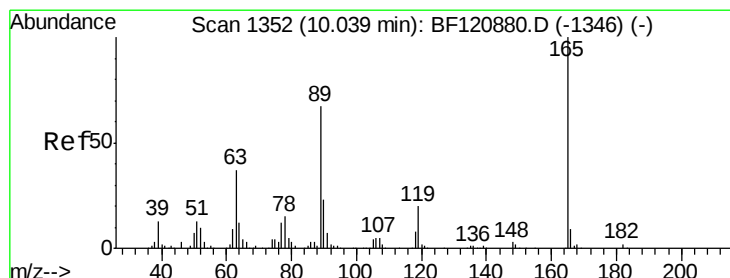
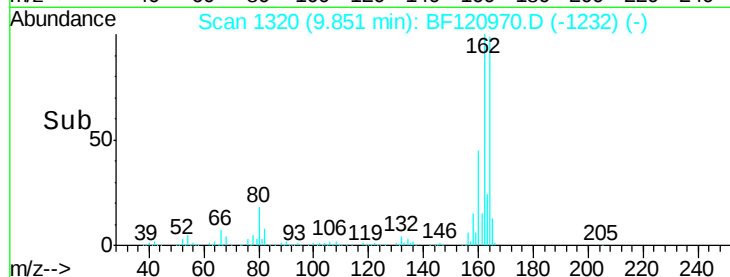
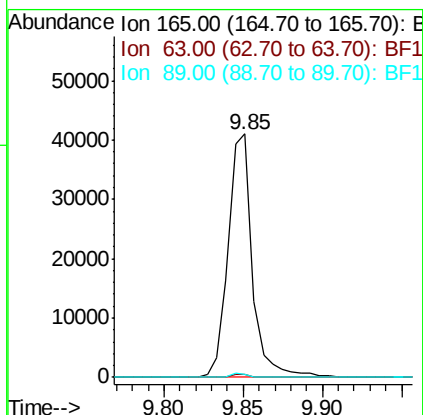
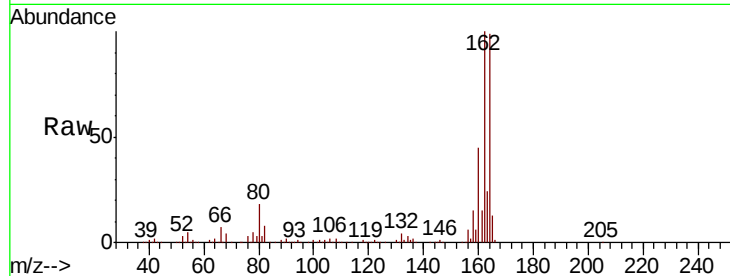




#51
 2,6-Dinitrotoluene
 Concen: 8.351 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.22 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

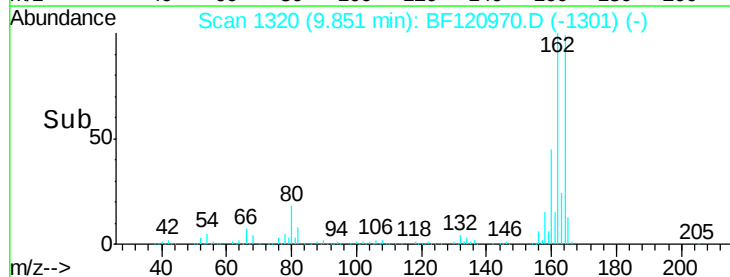
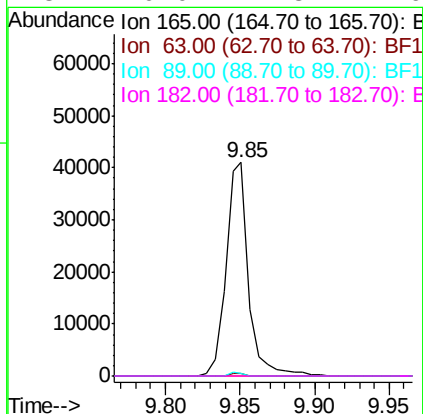
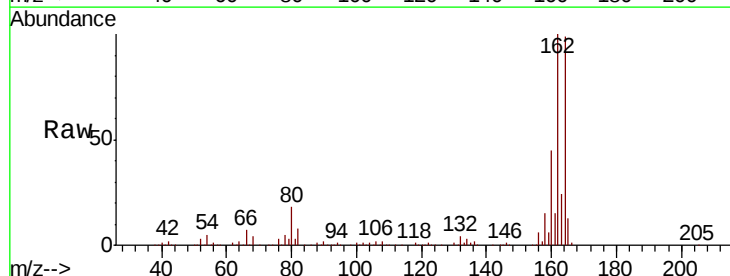
Instrument :
 BNA_F
 ClientSampled :

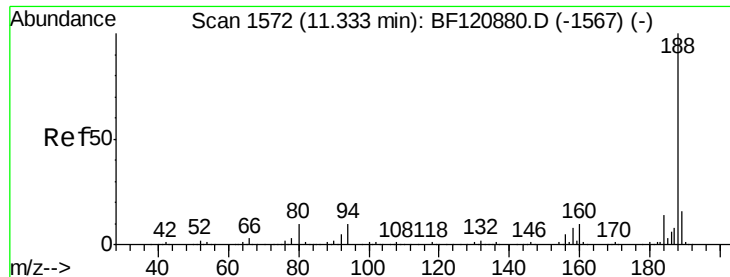
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.4	68.2#
89	1.4	47.0	70.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.359 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.4	53.4	80.0#
182	0.0	1.8	2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_F

ClientSampleId :

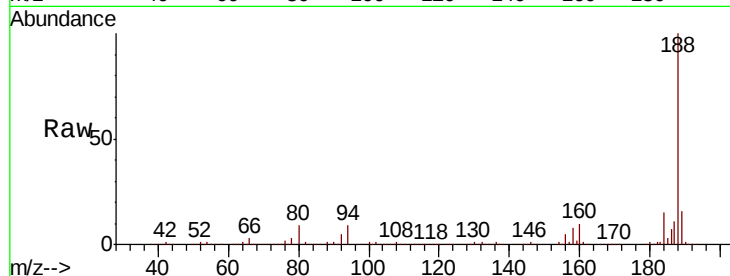
Tot Ion:188 Resp: 646782

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

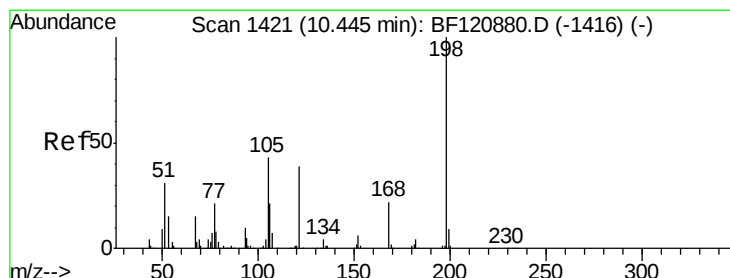
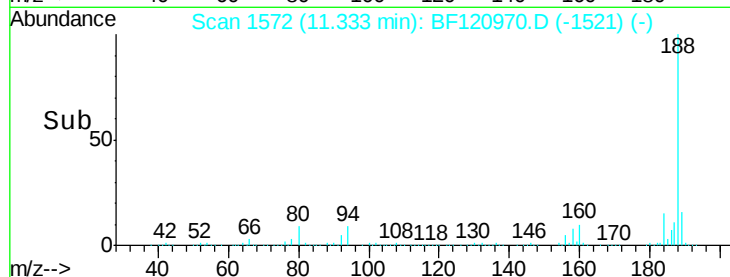
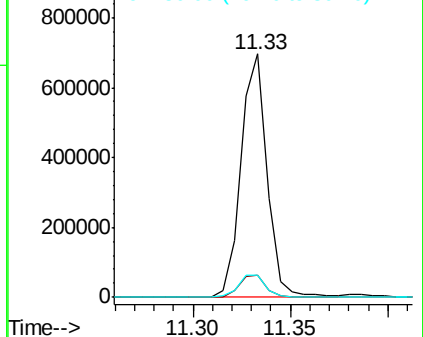
80 9.1 8.3 12.5



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: 4.070 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

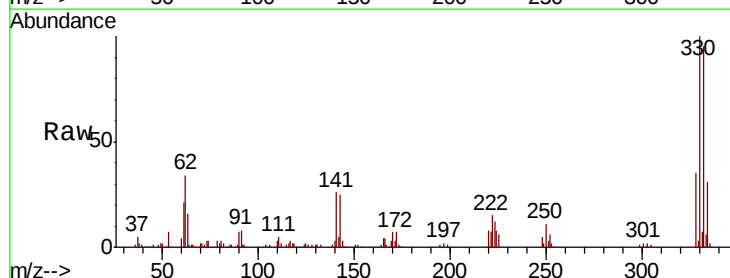
Tgt Ion:198 Resp: 924

Ion Ratio Lower Upper

198 100

51 91.8 19.5 59.5#

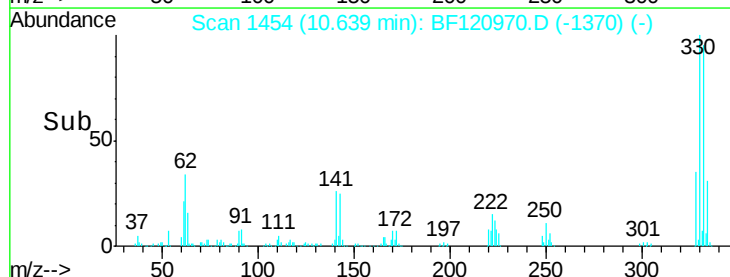
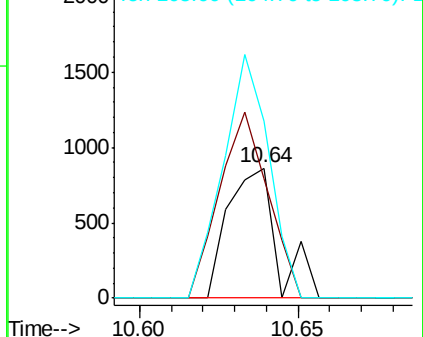
105 136.1 24.4 64.4#

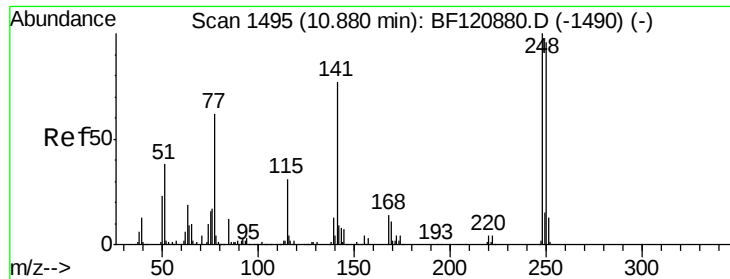


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

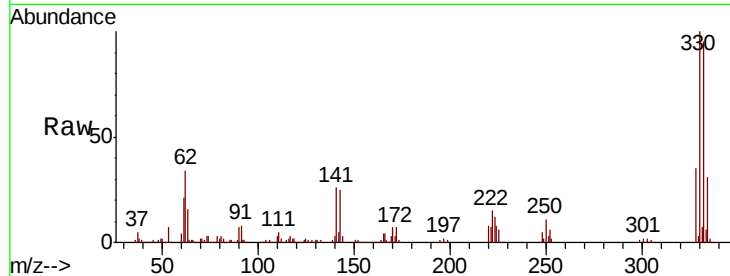




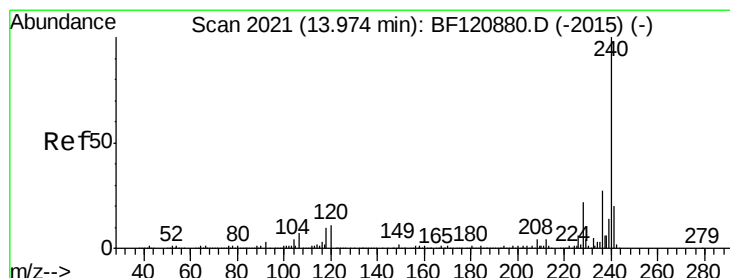
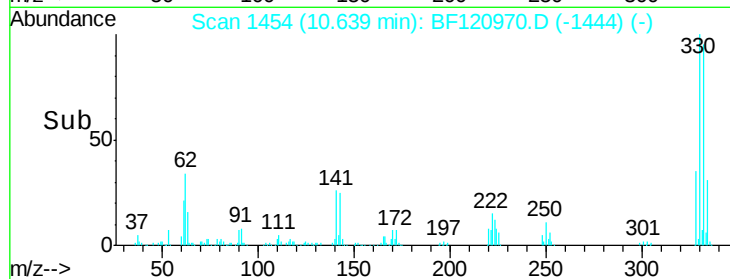
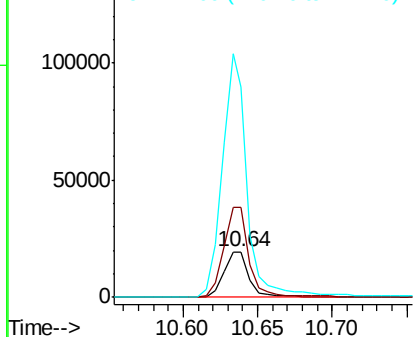
#67
 4-Bromophenyl-phenylether
 Concen: 3.229 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 23287
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.1 115.7#
 141 465.5 61.2 91.8#

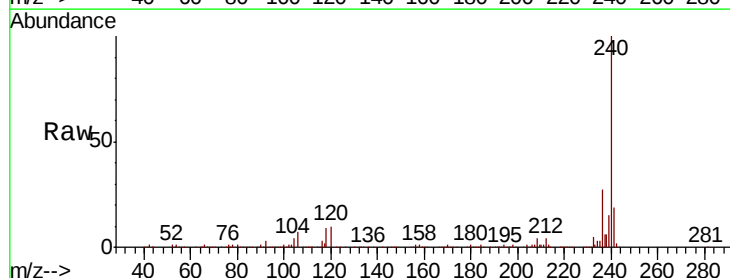


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

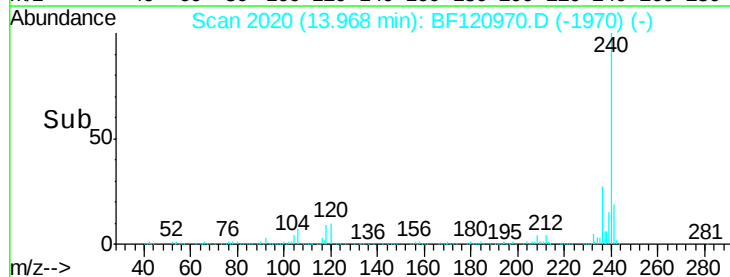
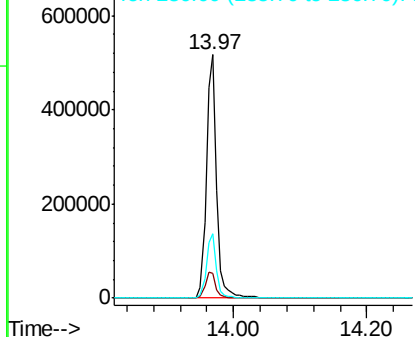


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion:240 Resp: 542148
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.0 13.4
 236 26.5 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

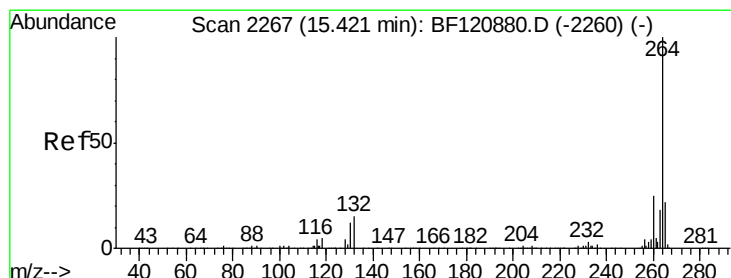
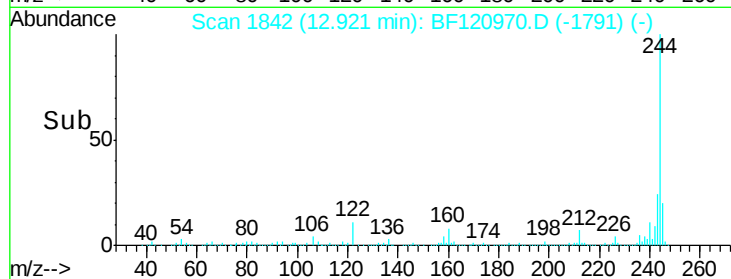
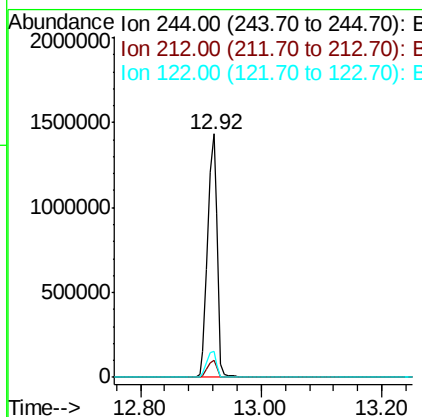
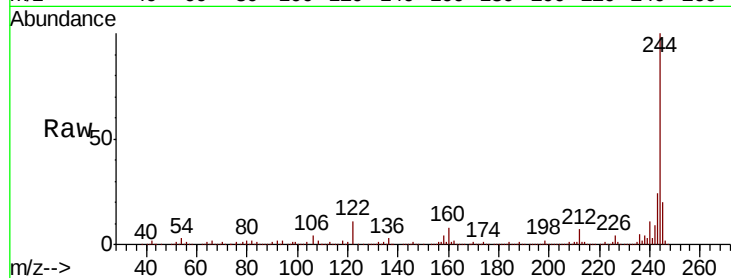




#79
 Terphenyl-d14
 Concen: 65.023 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1621700
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion:264 Resp: 446536
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 21.3 17.4 26.2

