

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120980.D
 Acq On : 23 Jul 2020 14:08
 Operator : JU/CG
 Sample : PB130373BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 16:25:07 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	6.81	152	202744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	800527	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	430005	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	858181	20.00	ng	0.00
76) Chrysene-d12	13.97	240	741636	20.00	ng	0.00
86) Perylene-d12	15.42	264	675107	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1348538	109.04	ng	0.02
7) Phenol-d6	6.45	99	1652236	103.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	1073921	77.62	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	546383	116.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1988890	69.06	ng	0.00
79) Terphenyl-d14	12.92	244	2004770	58.76	ng	0.00

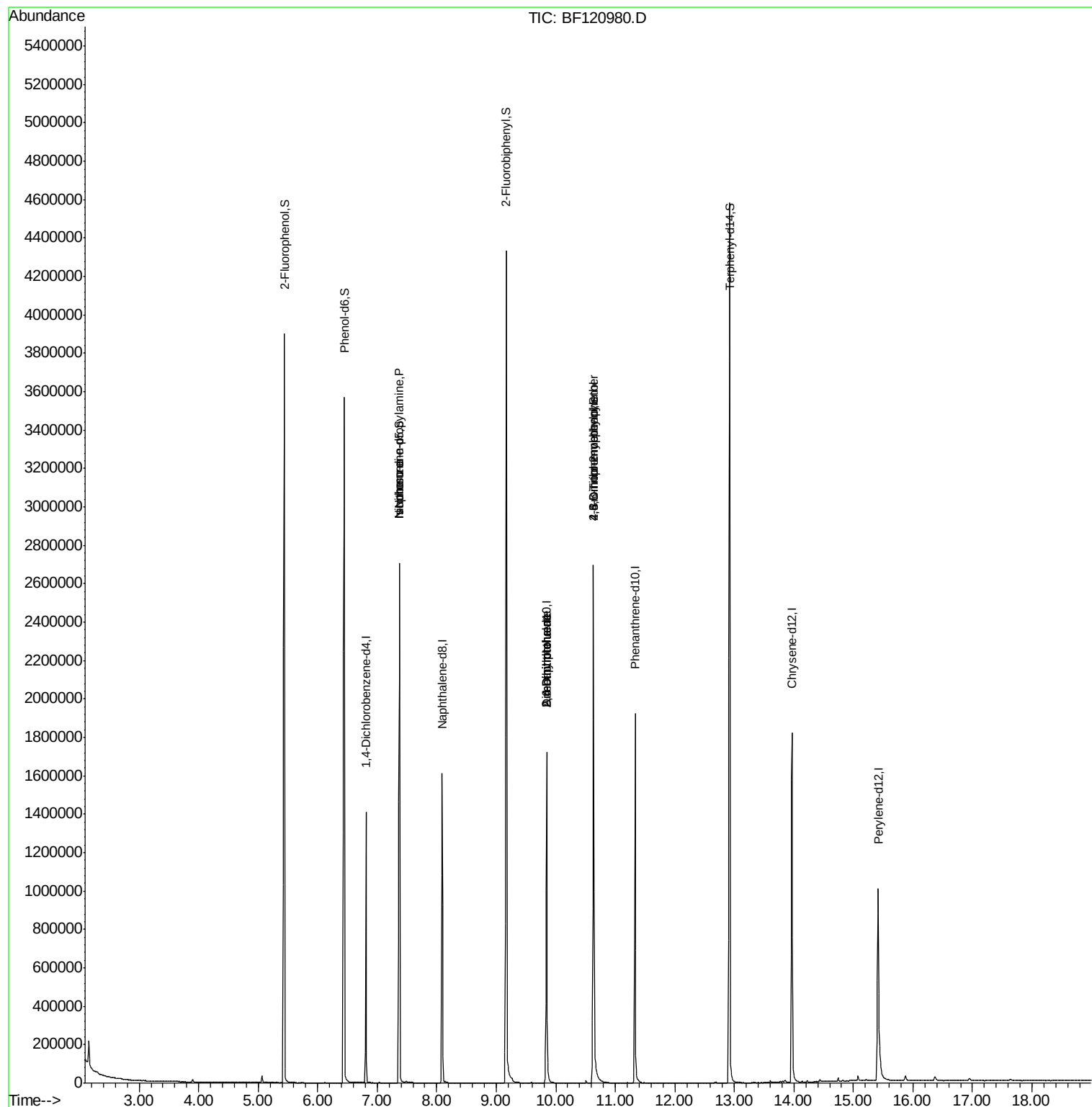
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	2245	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	140515	15.468	ng	# 77
25) Isophorone	7.37	82	1061379	38.440	ng	# 63
50) Dimethylphthalate	9.85	163	81518	2.628	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	54586	8.190	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	54711	6.251	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	943	4.017	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	30926	3.232	ng	# 1

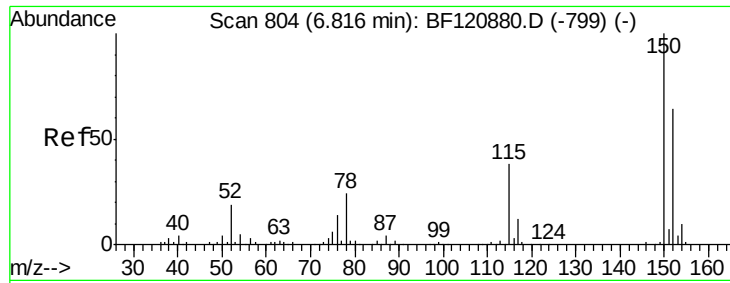
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120980.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 23 16:25:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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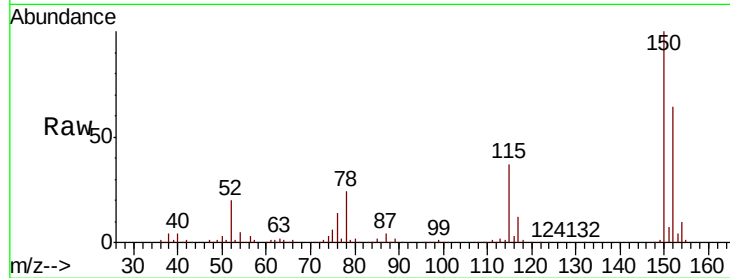


#1

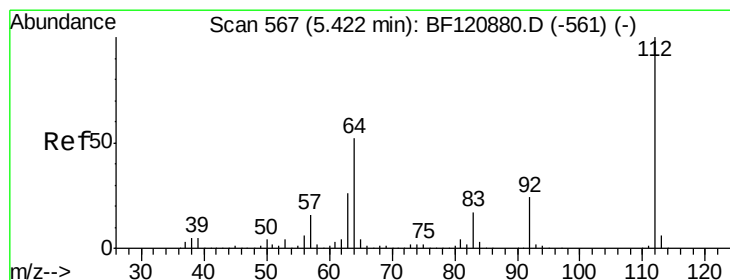
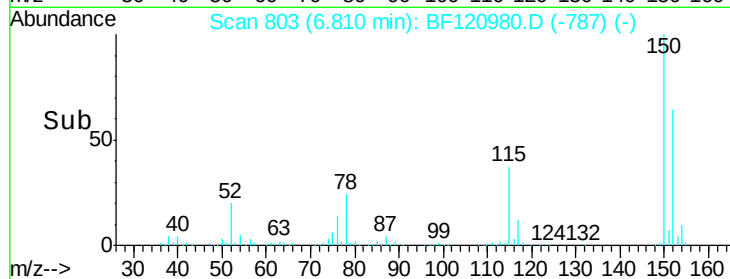
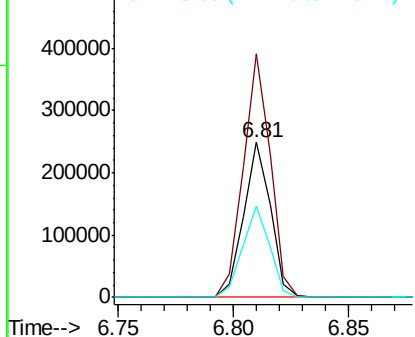
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 202744
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 58.6 47.0 70.4



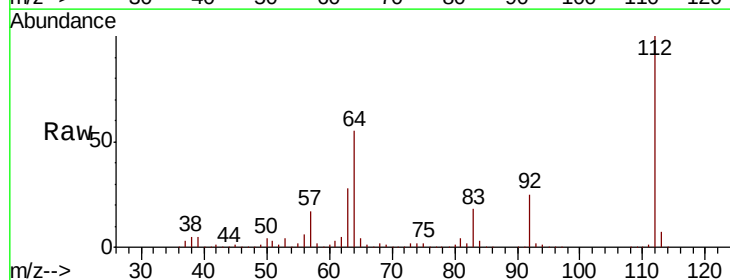
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



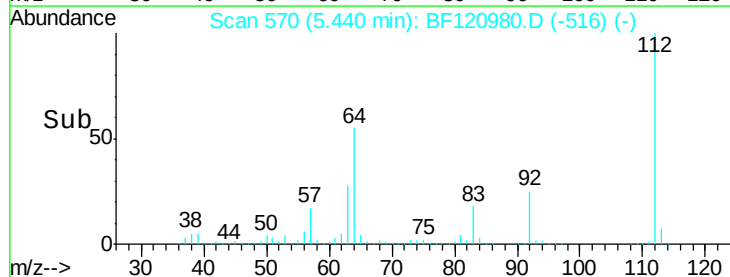
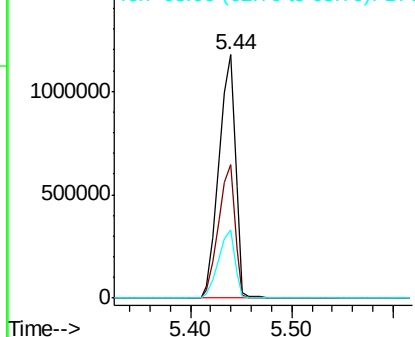
#5

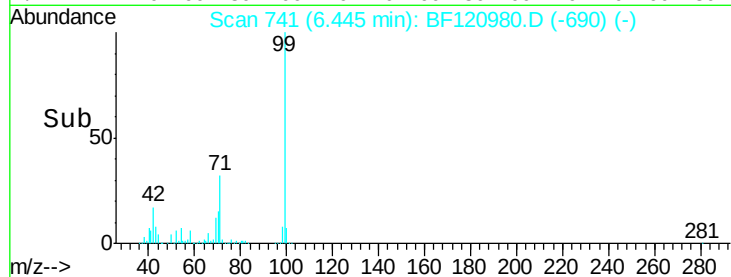
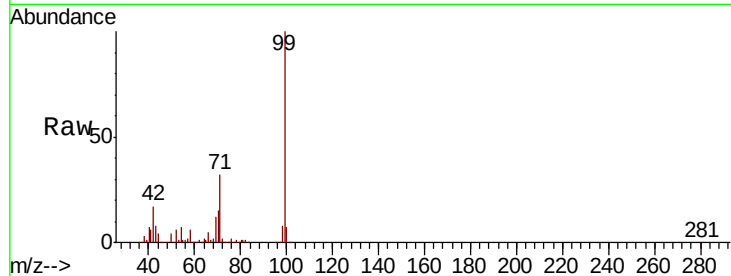
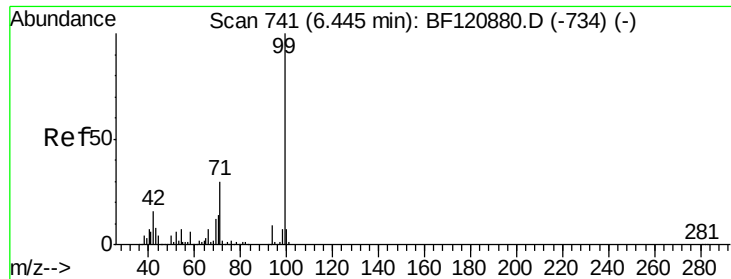
2-Fluorophenol
Concen: 109.041 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Tgt Ion:112 Resp: 1348538
Ion Ratio Lower Upper
112 100
64 54.8 41.3 61.9
63 28.1 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: 103.424 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Instrument :

BNA_F

ClientSampleId :

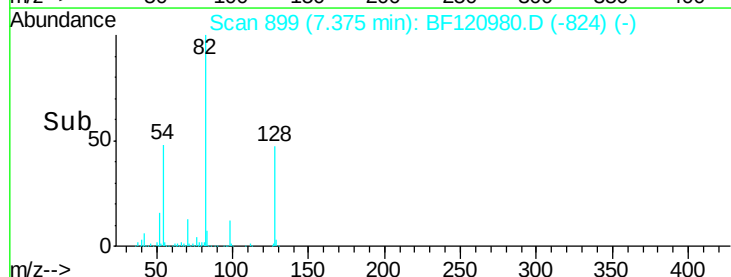
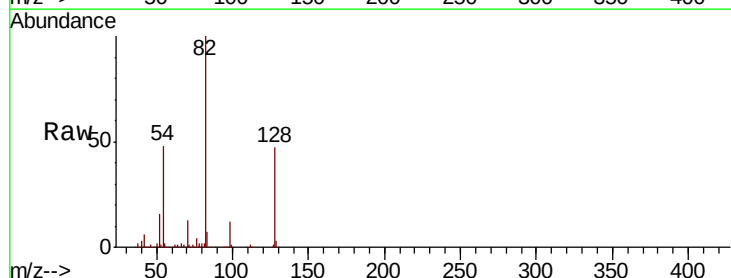
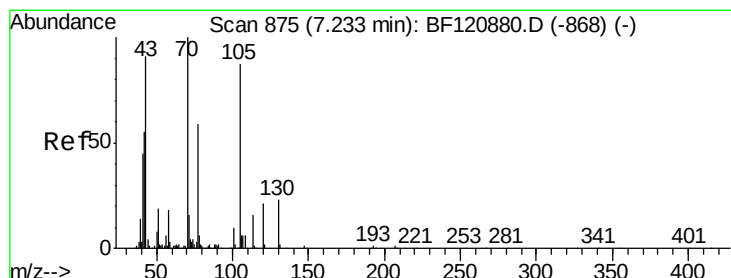
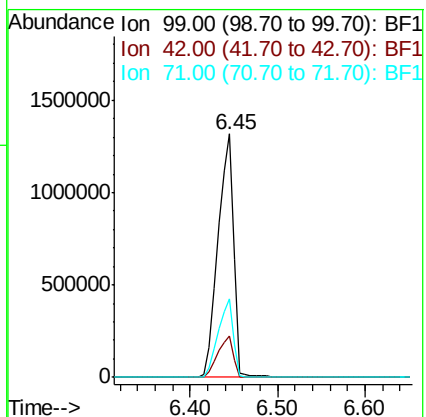
Tot Ion: 99 Resp: 1652236

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 32.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.468 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Tgt Ion: 70 Resp: 140515

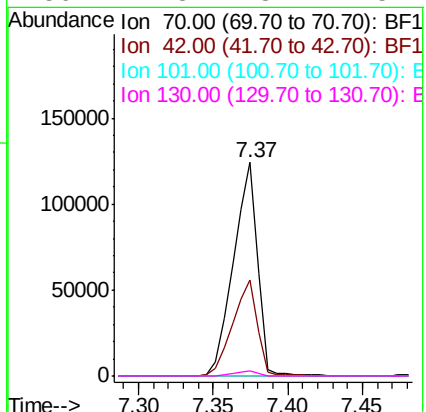
Ion Ratio Lower Upper

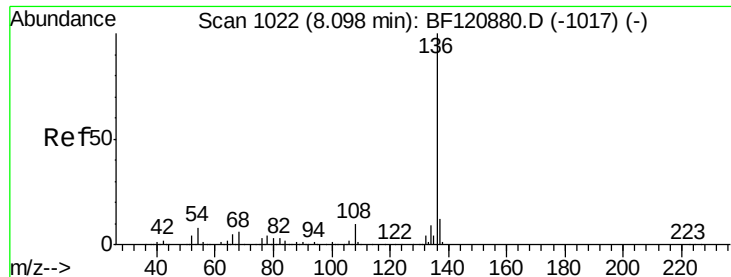
70 100

42 44.9 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

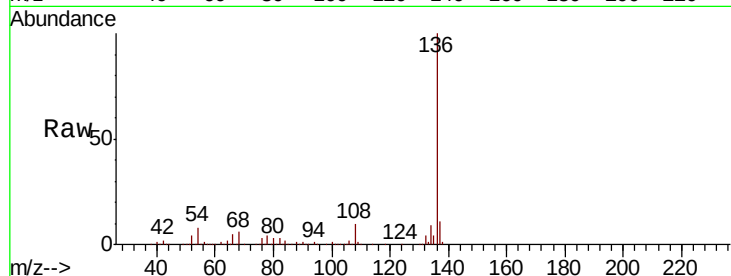




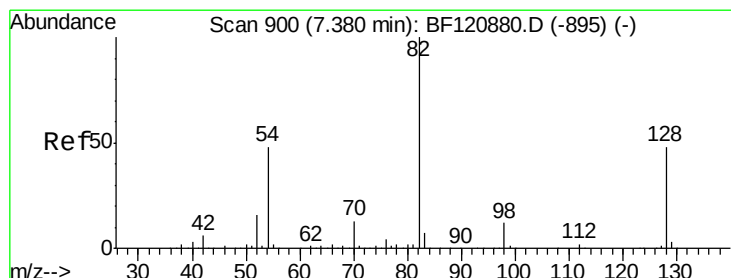
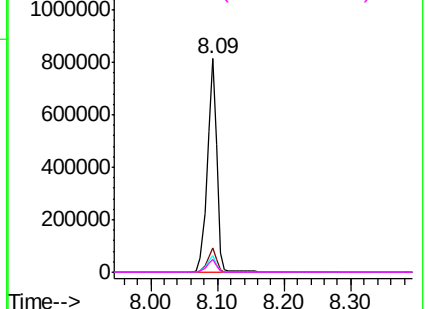
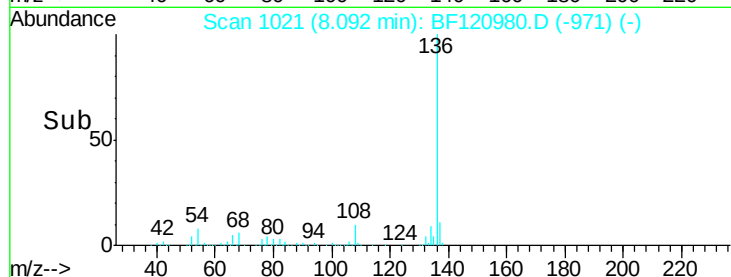
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	800527	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.3	13.9	
54 7.5	6.3	9.5	
68 6.0	5.0	7.4	

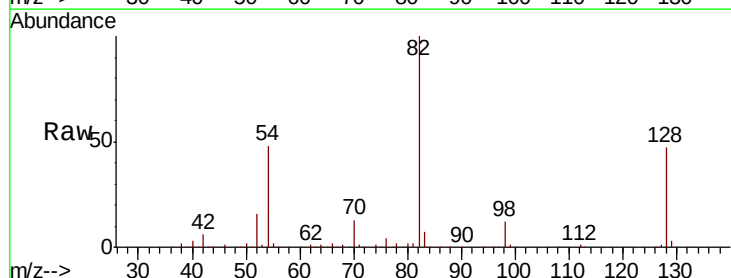


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

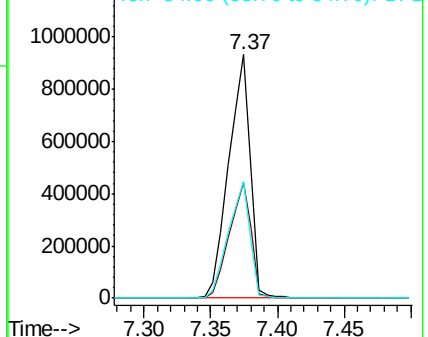
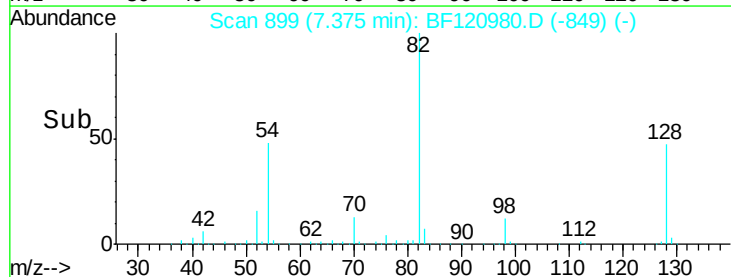


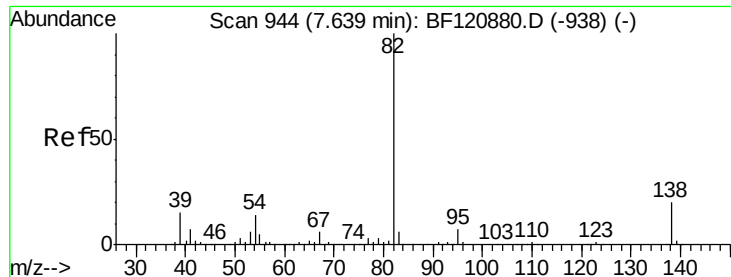
#23
Nitrobenzene-d5
Concen: 77.624 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Tgt Ion: 82	Resp: 1073921
Ion Ratio	Lower Upper
82 100	
128 47.4	38.2 57.4
54 47.8	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

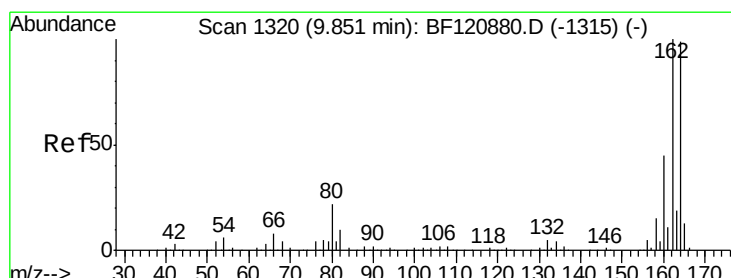
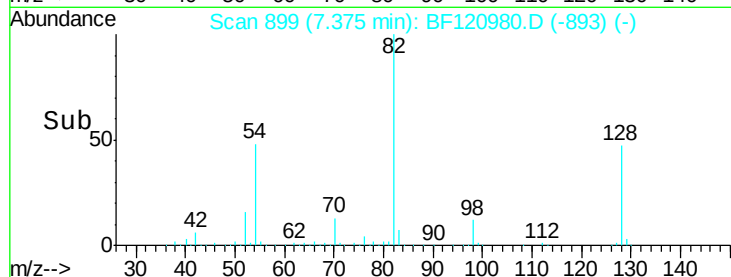
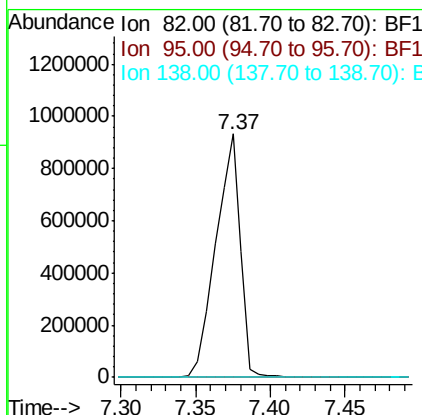
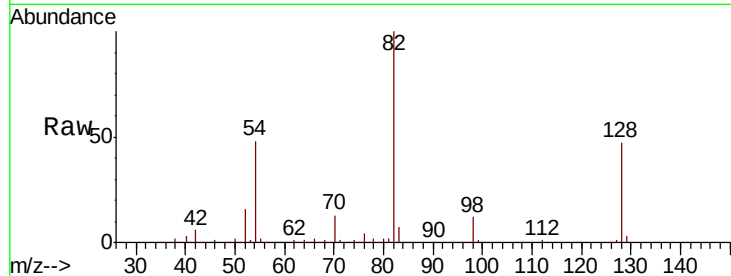




#25
Isophorone
Concen: 38.440 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

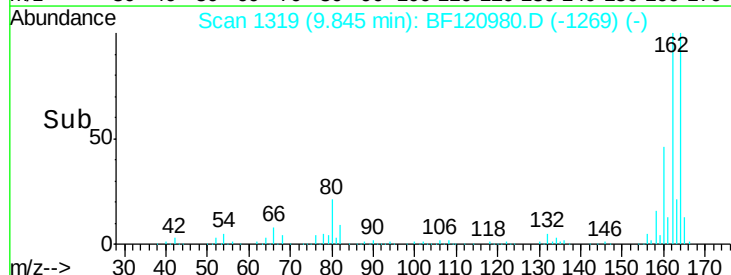
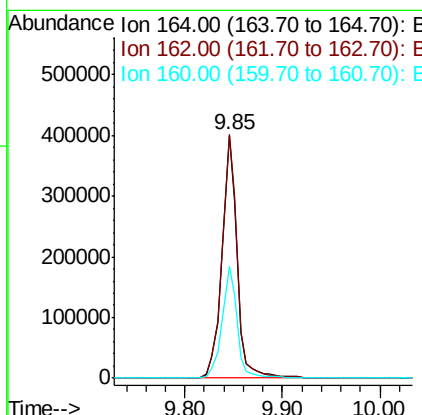
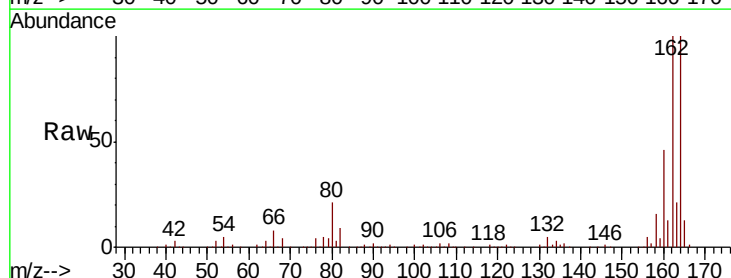
Instrument :
BNA_F
ClientSampleId :

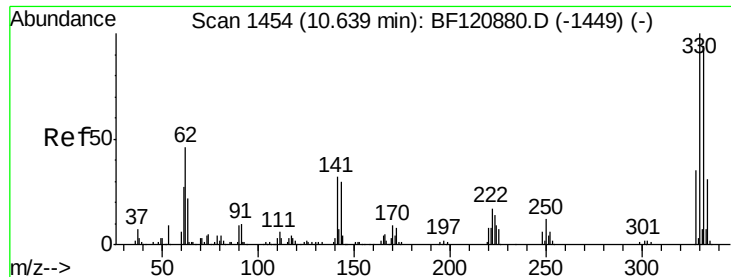
Tot Ion: 82 Resp: 1061379
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Tgt Ion:164 Resp: 430005
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 46.3 36.9 55.3

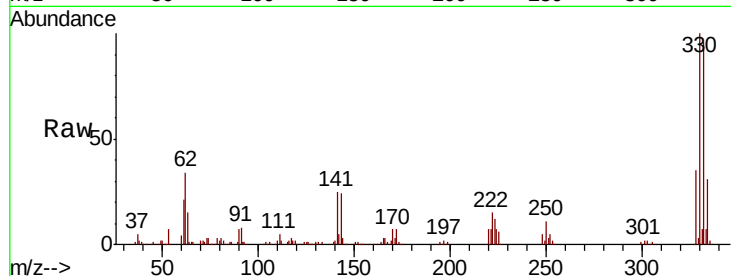




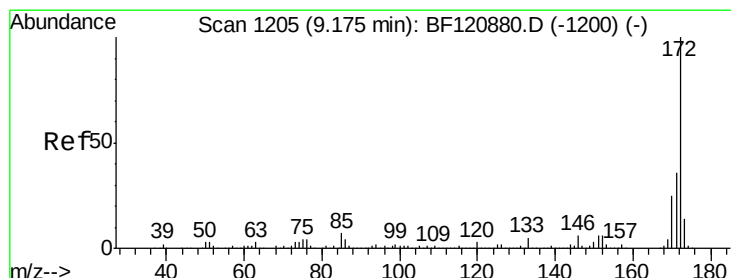
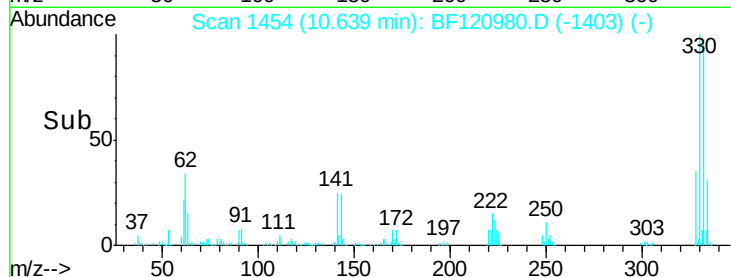
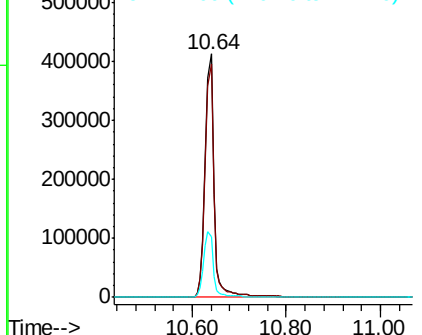
#42
 2,4,6-Tribromophenol
 Concen: 116.083 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 546383
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 29.7 25.7 38.5

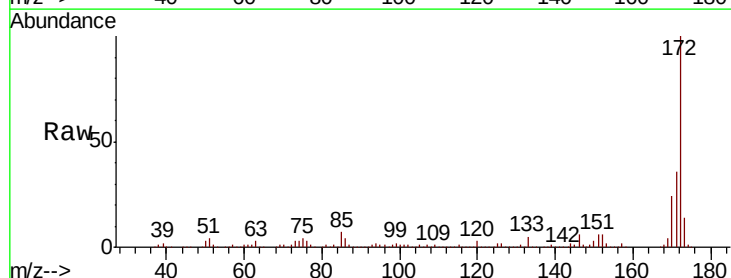


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

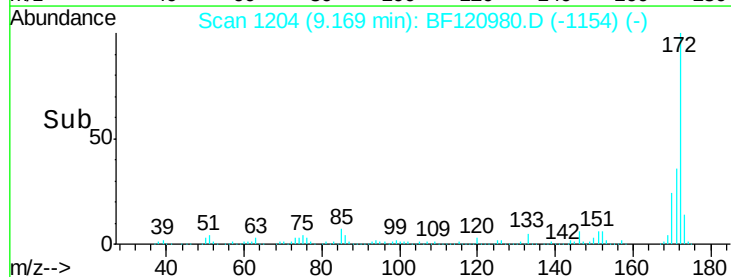
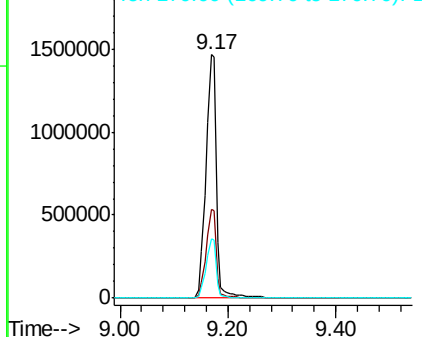


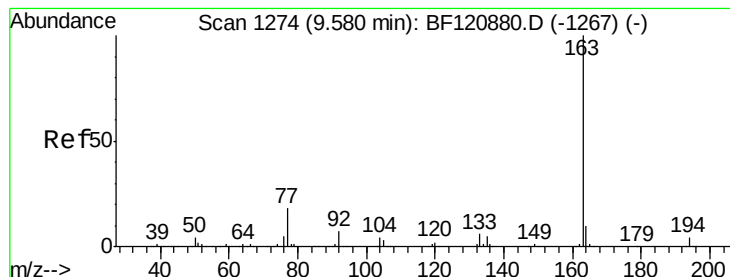
#45
 2-Fluorobiphenyl
 Concen: 69.057 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Tgt Ion:172 Resp: 1988890
 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





#50

Dimethylphthalate

Concen: 2.628 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.26 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Instrument :

BNA_F

ClientSampleId :

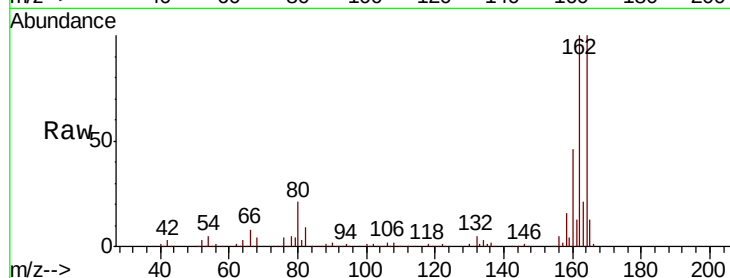
Tot Ion:163 Resp: 81518

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

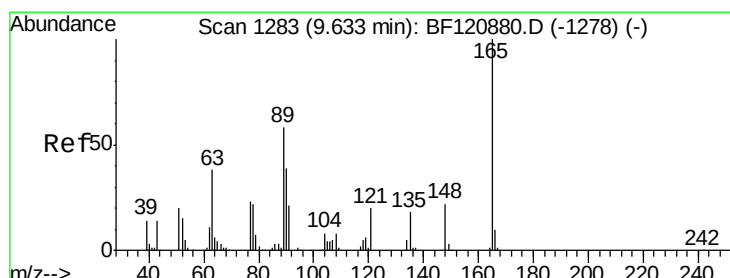
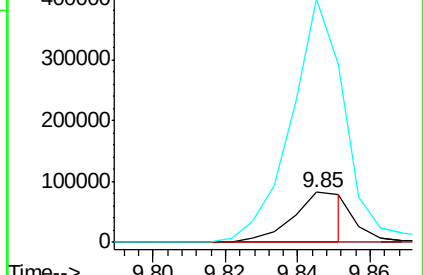
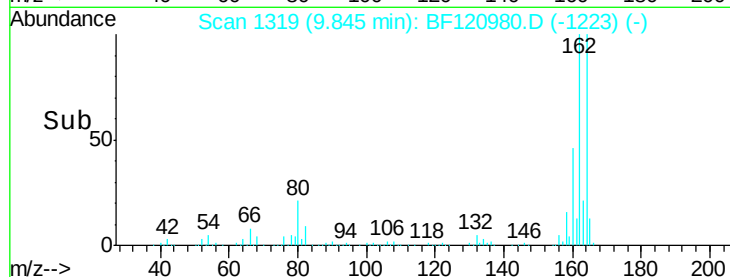
164 484.3 7.9 11.9#



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



#51

2,6-Dinitrotoluene

Concen: 8.190 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

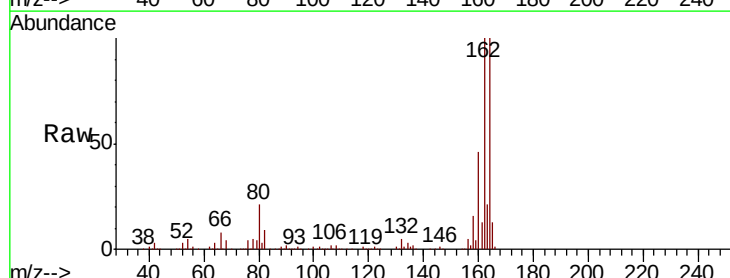
Tgt Ion:165 Resp: 54586

Ion Ratio Lower Upper

165 100

63 0.8 45.4 68.2#

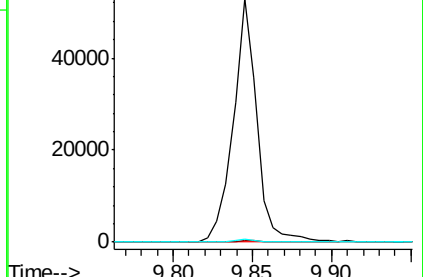
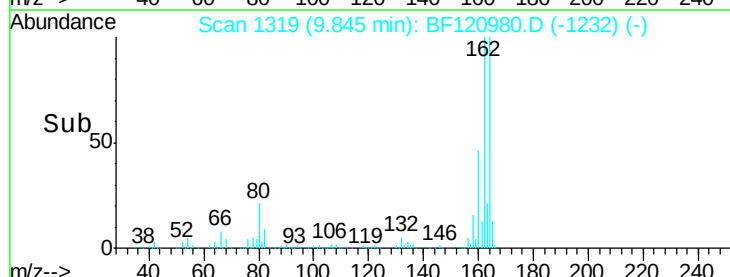
89 1.1 47.0 70.4#

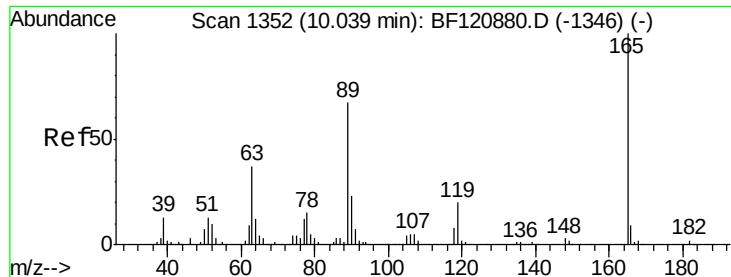


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

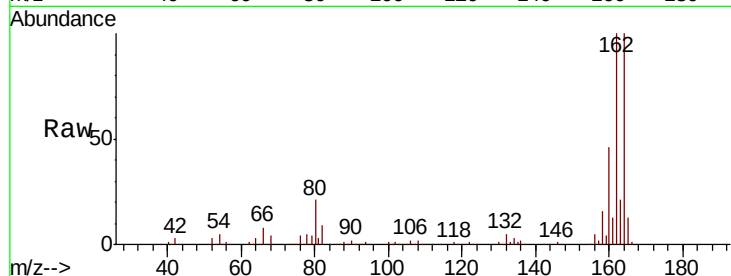




#57
 2,4-Dinitrotoluene
 Concen: 6.251 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	54711
Ion Ratio	Lower	Upper
165	100	
63	0.8	29.4 44.2#
89	1.1	53.4 80.0#
182	0.0	1.8 2.6#

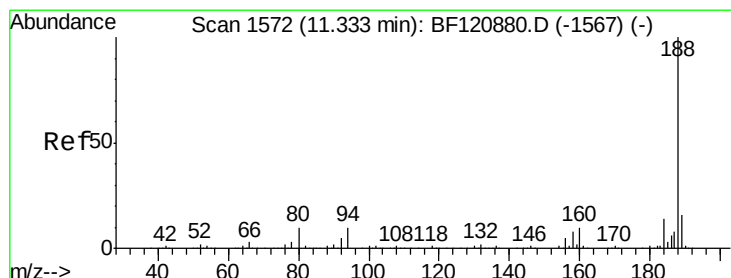
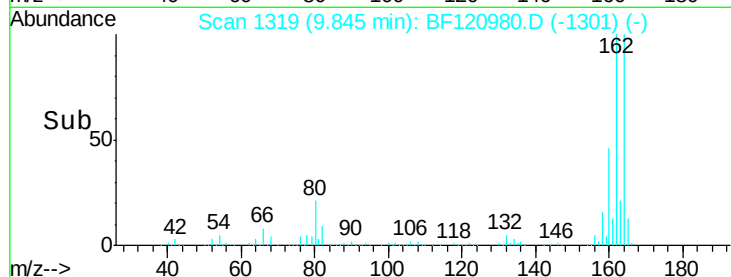
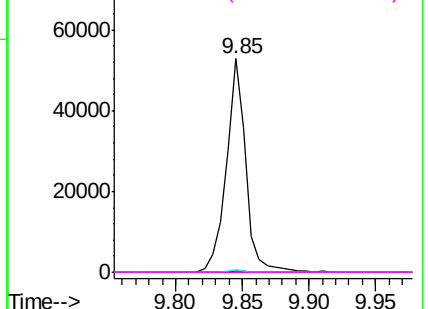


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

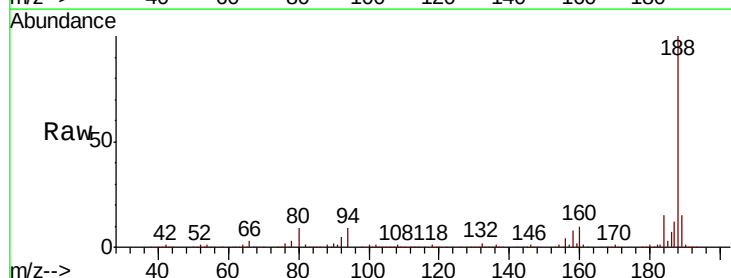
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

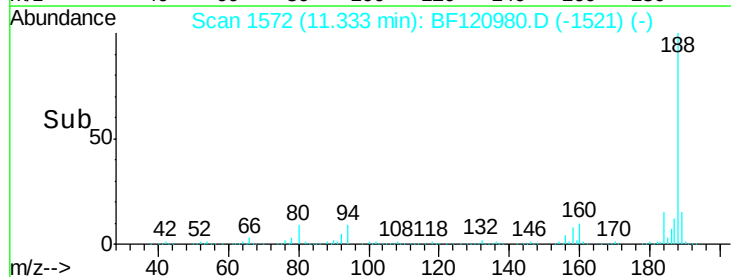
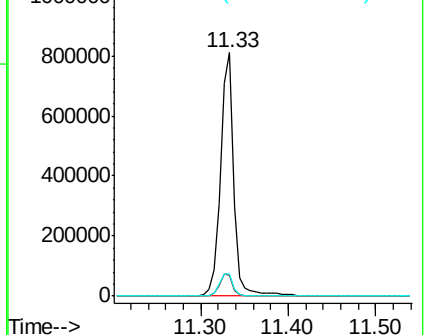
Tgt Ion:188	Resp:	858181
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.0 12.0
80	9.1	8.3 12.5

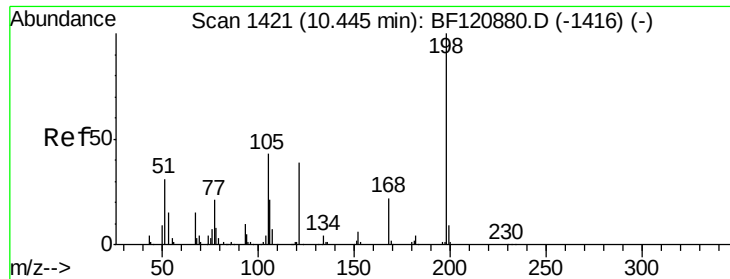


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

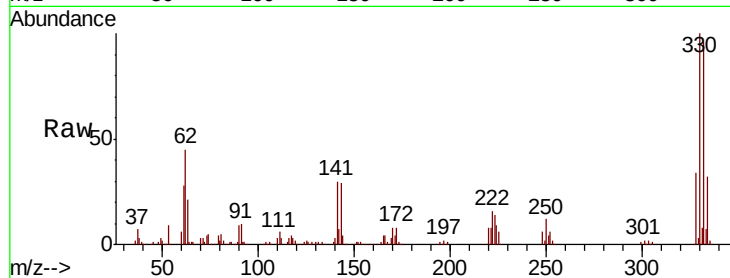




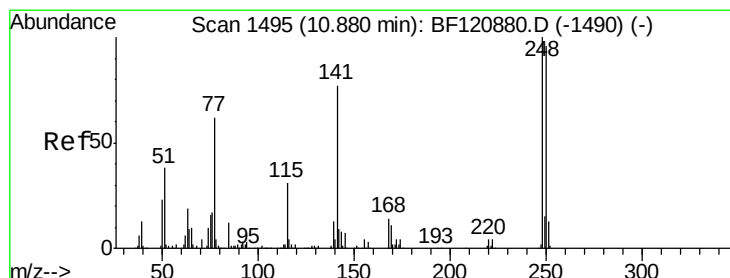
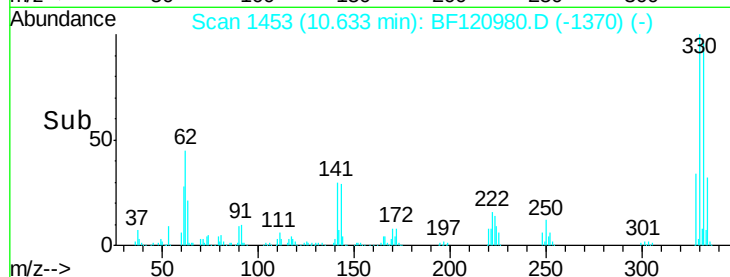
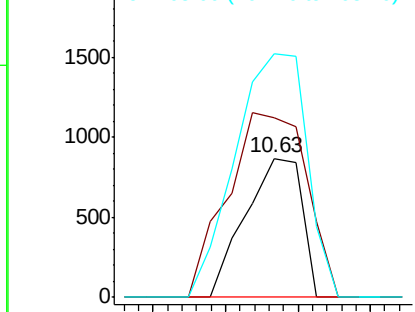
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.017 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 943
 Ion Ratio Lower Upper
 198 100
 51 129.1 19.5 59.5#
 105 175.3 24.4 64.4#

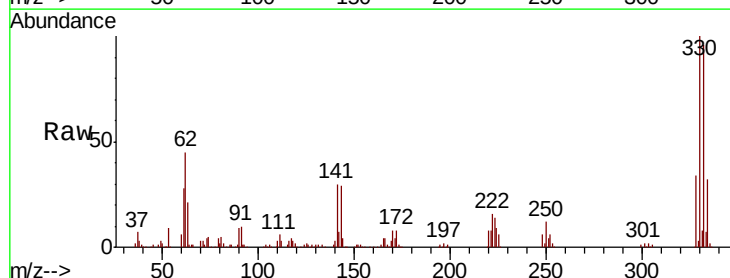


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

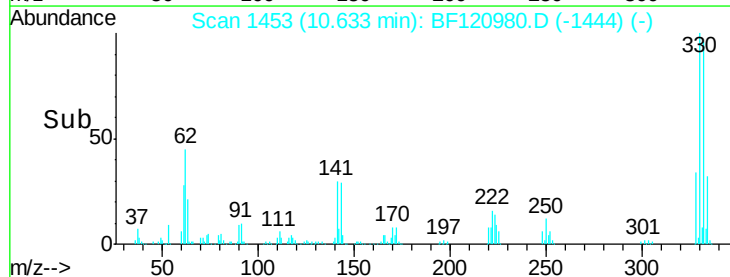
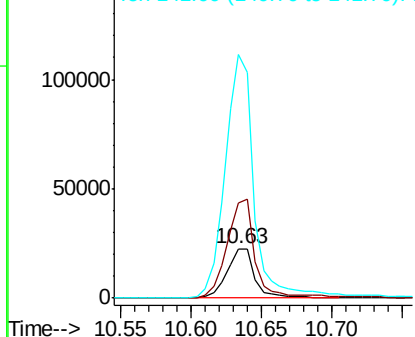


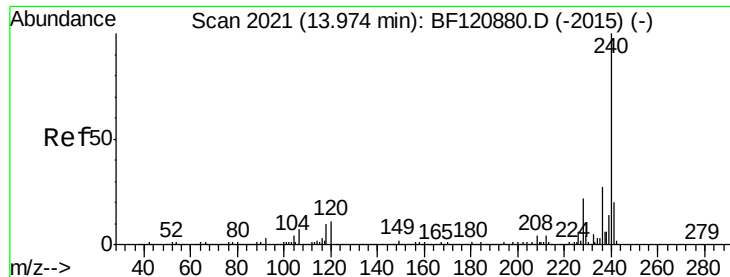
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Tgt Ion:248 Resp: 30926
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.1 115.7#
 141 493.5 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

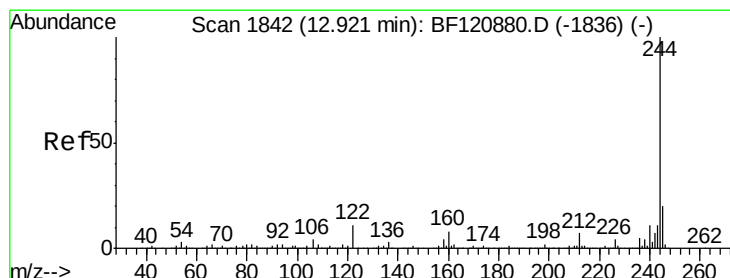
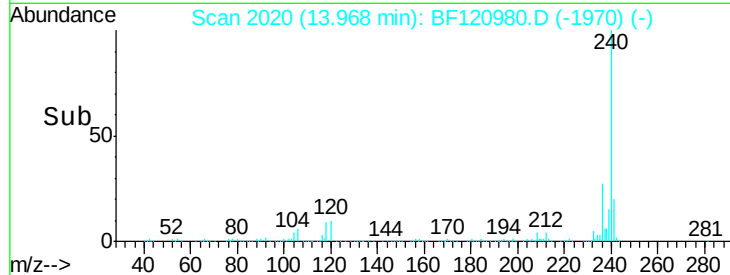
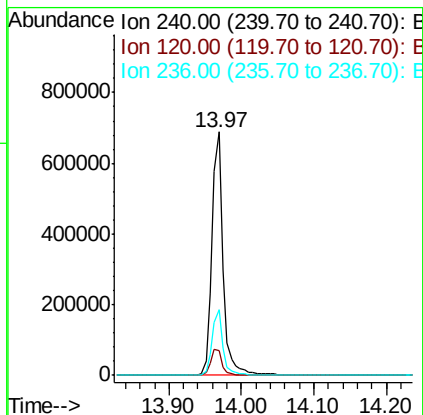
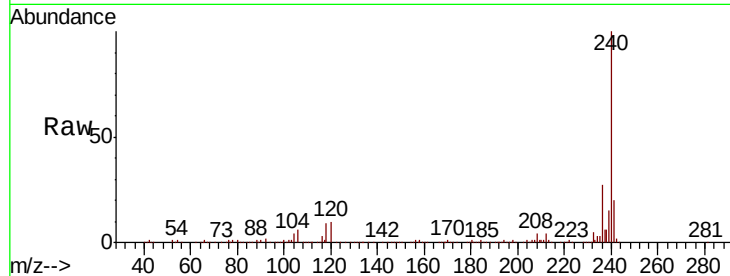




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

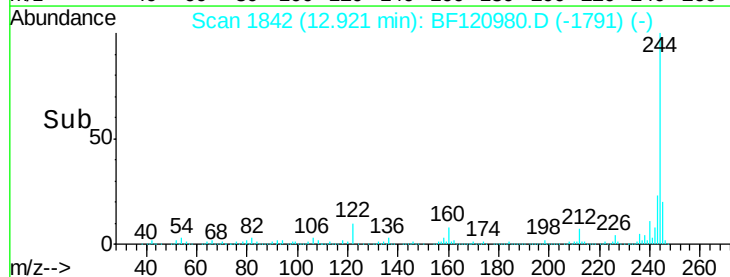
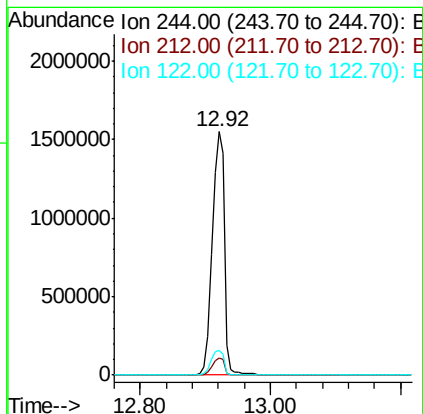
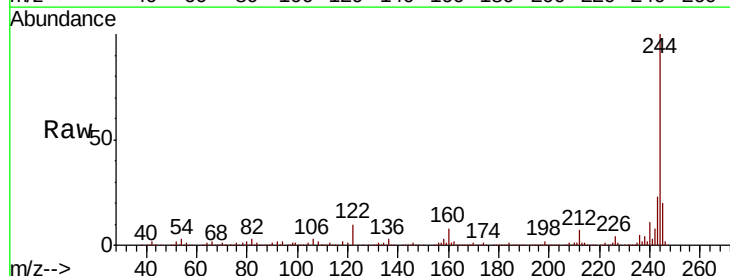
Instrument :
 BNA_F
 ClientSampleId :

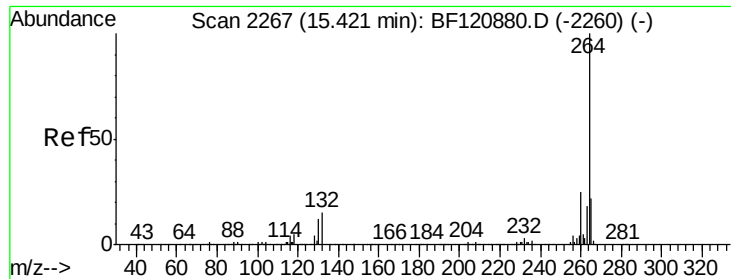
Tot Ion:240 Resp: 741636
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.0 13.4
 236 27.1 21.7 32.5



#79
 Terphenyl-d14
 Concen: 58.761 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Tgt Ion:244 Resp: 2004770
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.0 8.9 13.3

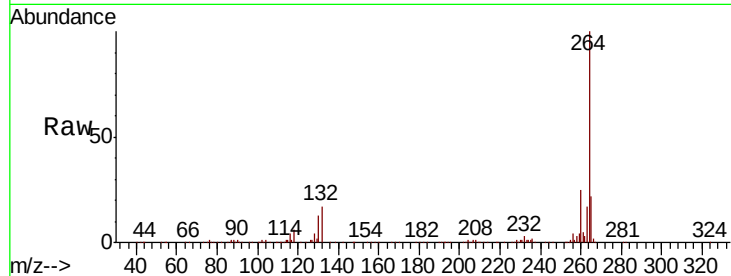




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.9	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

