

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120984.D
 Acq On : 23 Jul 2020 16:49
 Operator : JU/CG
 Sample : L3378-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 17:43:34 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	146985	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	547352	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298923	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	576618	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499678	20.00	ng	-0.01
86) Perylene-d12	15.42	264	463419	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	659271	73.53	ng	0.00
7) Phenol-d6	6.44	99	956052	82.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	615452	65.06	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	253475	77.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1216921	60.78	ng	0.00
79) Terphenyl-d14	12.92	244	1292649	56.23	ng	0.00

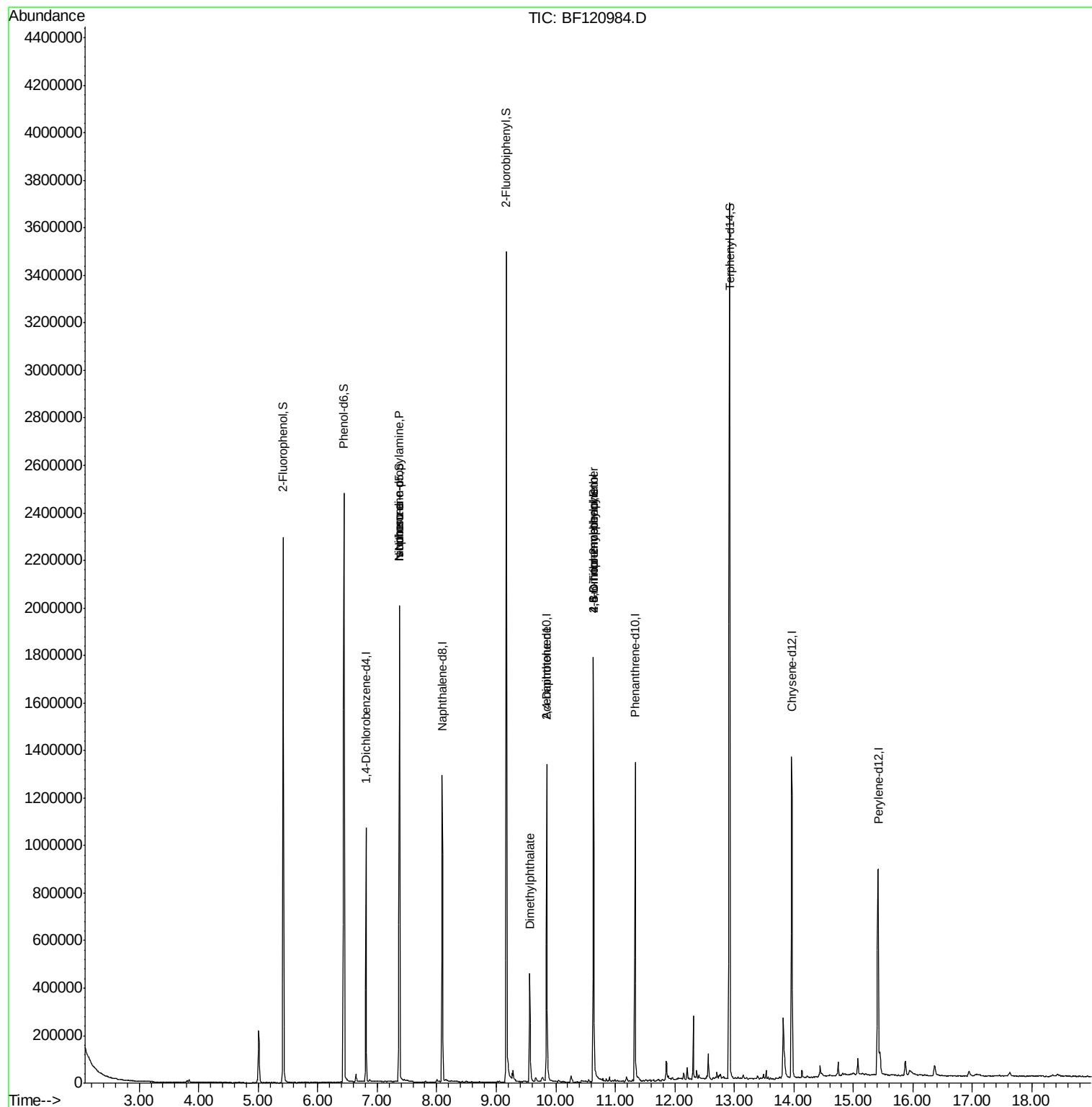
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1286	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	80428	12.212	ng	# 77
25) Isophorone	7.37	82	615442	32.599	ng	# 63
50) Dimethylphthalate	9.56	163	202569	9.393	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	37913	6.231	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.63	198	381	3.948	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	14379	2.237	ng	# 1

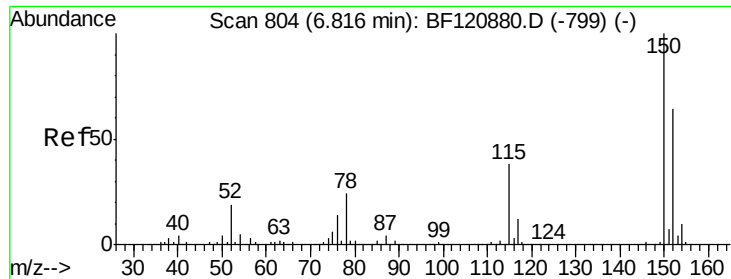
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120984.D
Acq On : 23 Jul 2020 16:49
Operator : JU/CG
Sample : L3378-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 23 17:43:34 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



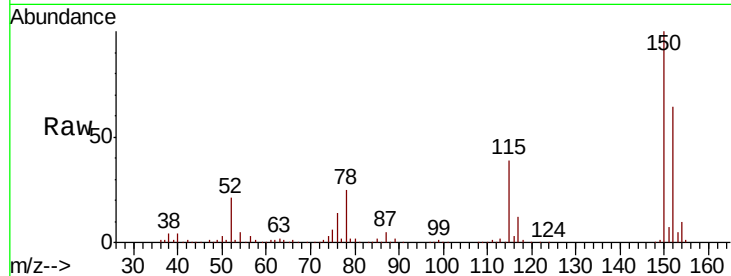


#1

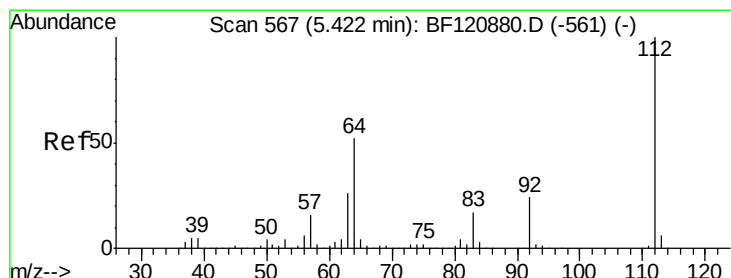
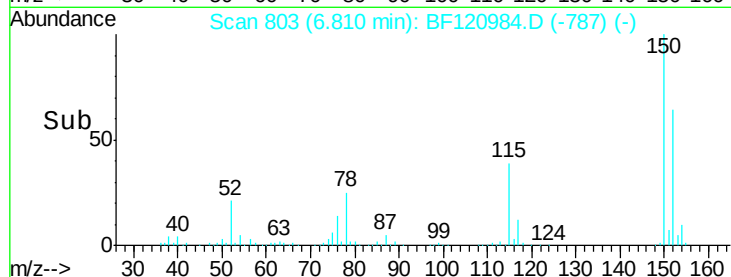
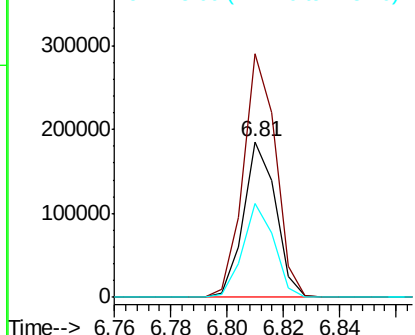
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146985
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.6
115 60.3 47.0 70.4



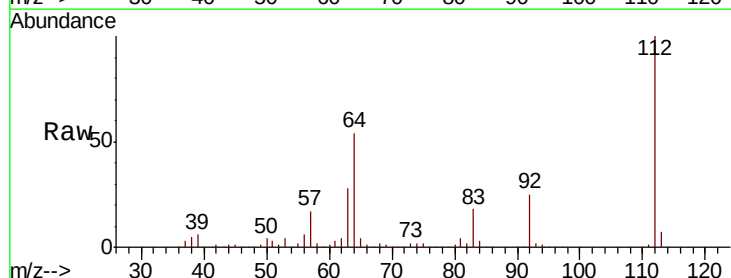
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



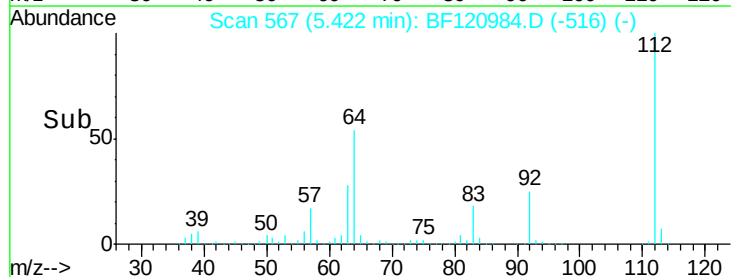
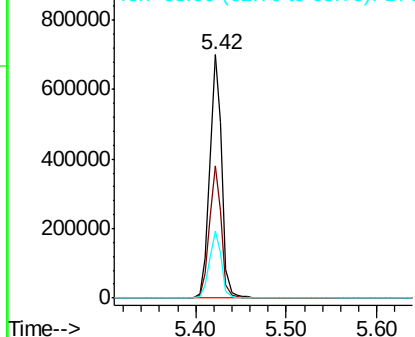
#5

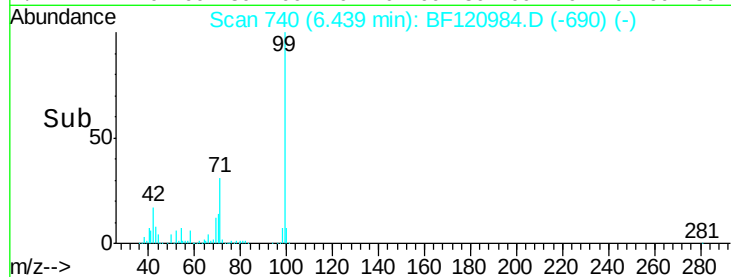
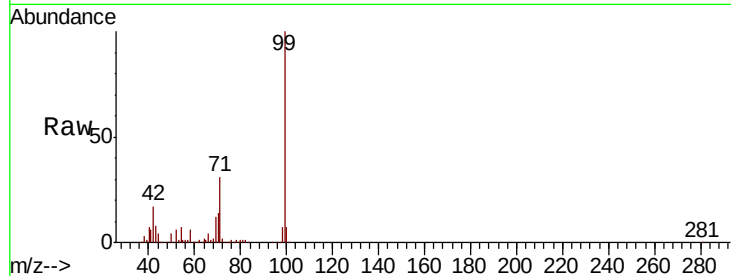
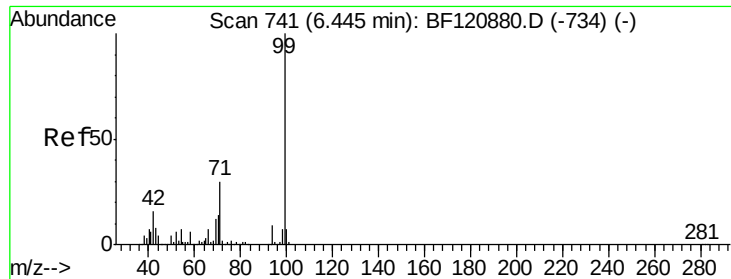
2-Fluorophenol
Concen: 73.530 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

Tgt Ion:112 Resp: 659271
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 27.7 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: 82.548 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120984.D

Acq: 23 Jul 2020 16:49

Instrument :

BNA_F

ClientSampleId :

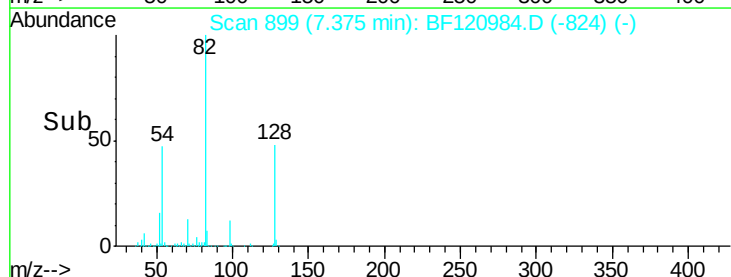
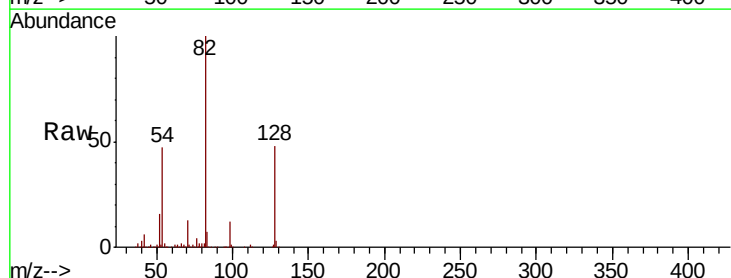
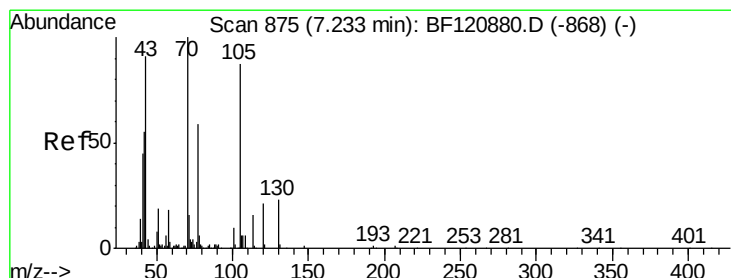
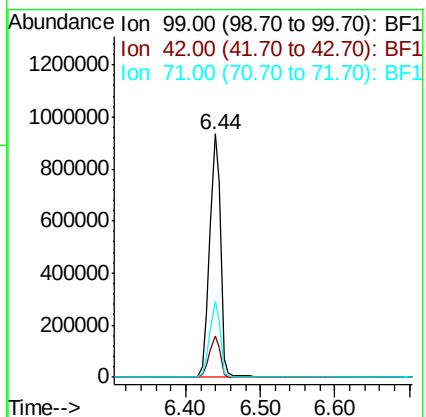
Tot Ion: 99 Resp: 956052

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.212 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120984.D

Acq: 23 Jul 2020 16:49

Tgt Ion: 70 Resp: 80428

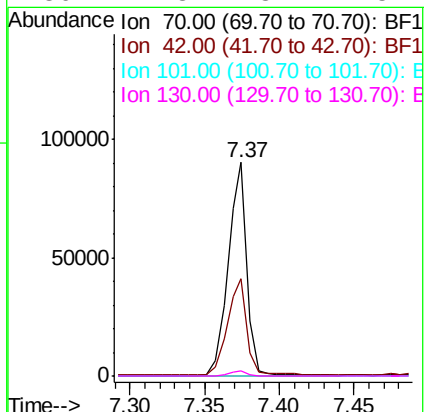
Ion Ratio Lower Upper

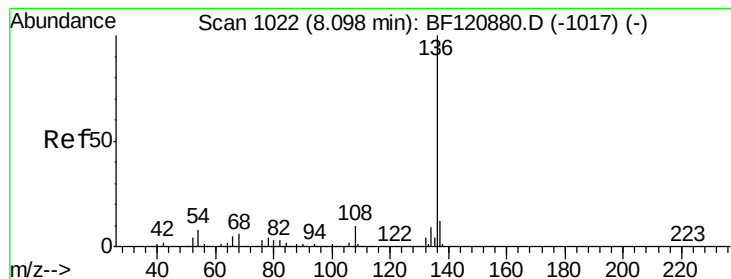
70 100

42 45.3 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: BF120984.D

Acq: 23 Jul 2020 16:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 547352

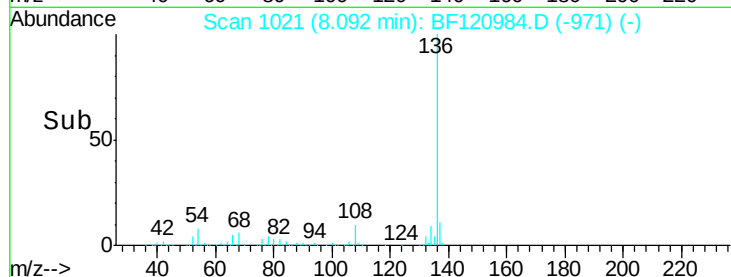
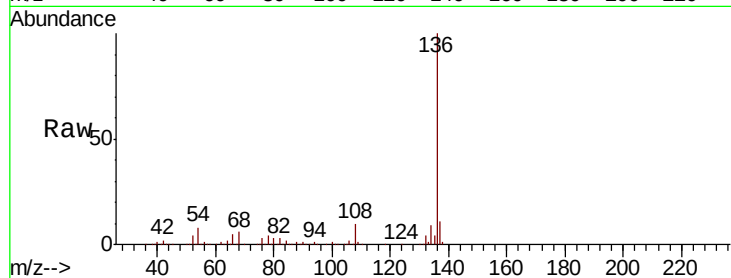
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.8 6.3 9.5

68 6.1 5.0 7.4

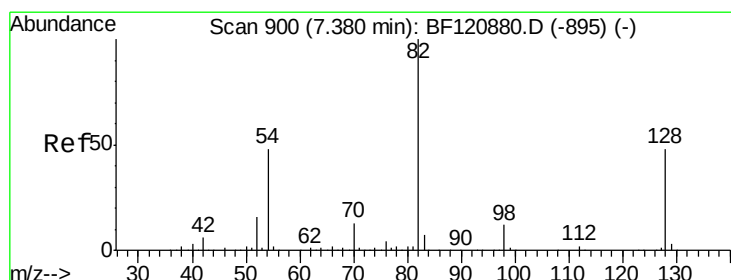
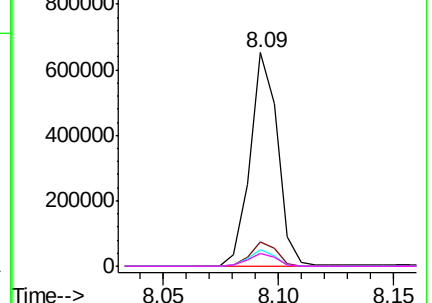


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.062 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120984.D

Acq: 23 Jul 2020 16:49

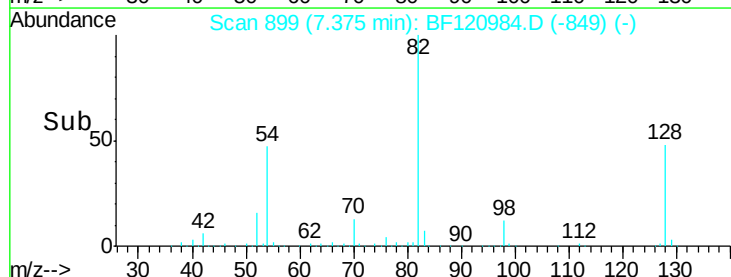
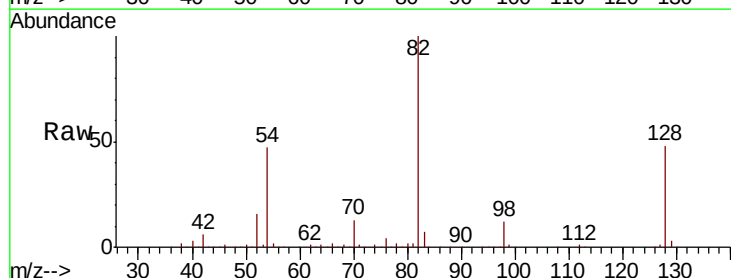
Tgt Ion: 82 Resp: 615452

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

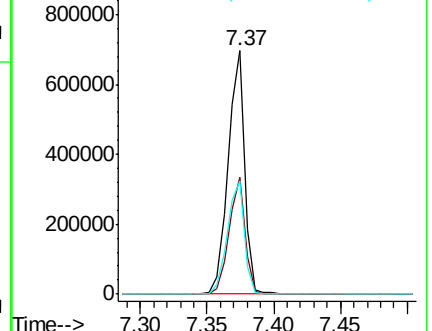
54 46.7 38.7 58.1

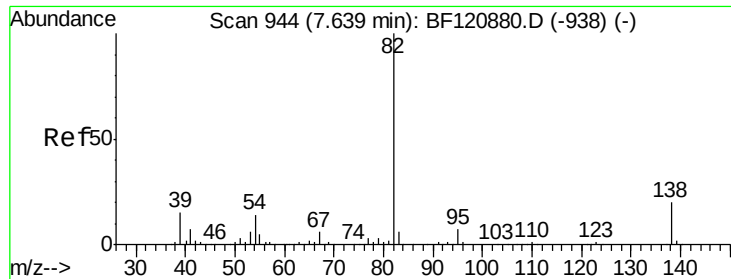


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

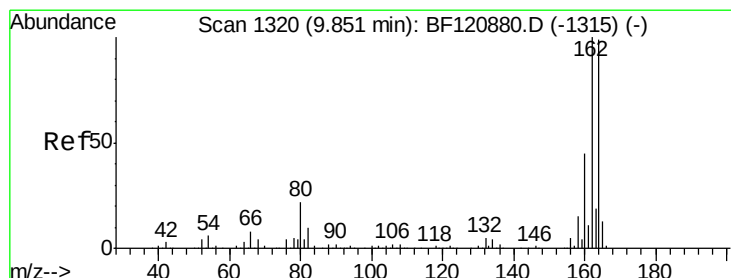
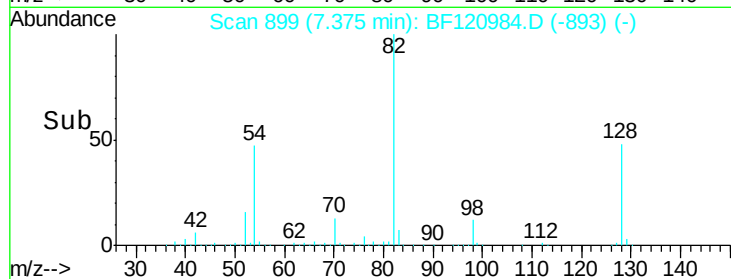
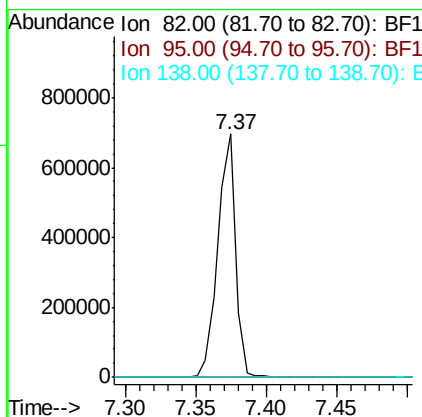
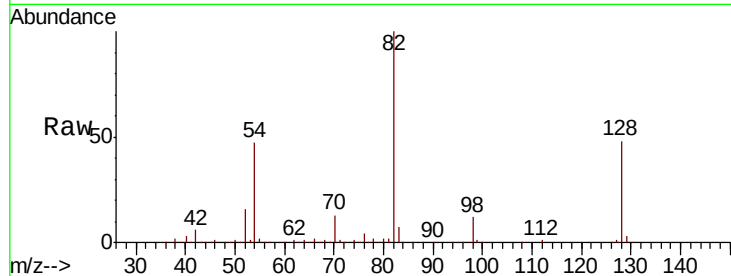




#25
Isophorone
Concen: 32.599 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

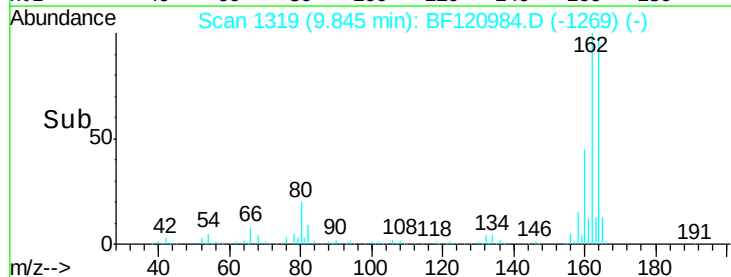
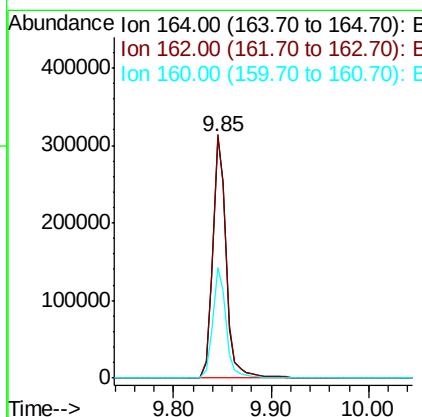
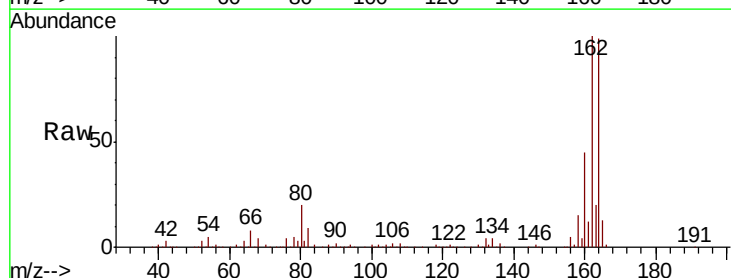
Instrument :
BNA_F
ClientSampled :

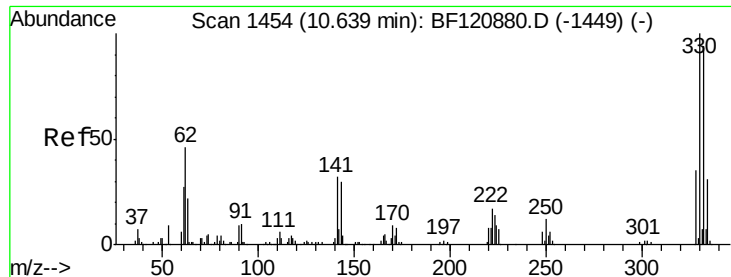
Tot Ion: 82 Resp: 615442
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

Tgt Ion: 164 Resp: 298923
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 45.6 36.9 55.3

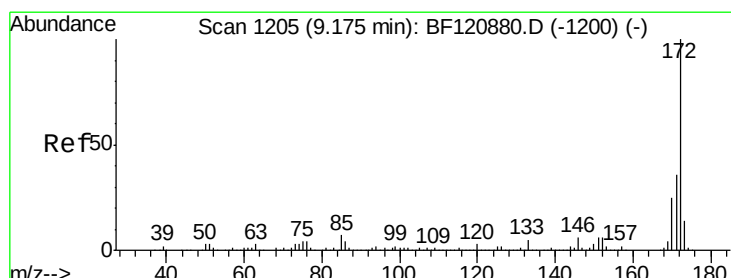
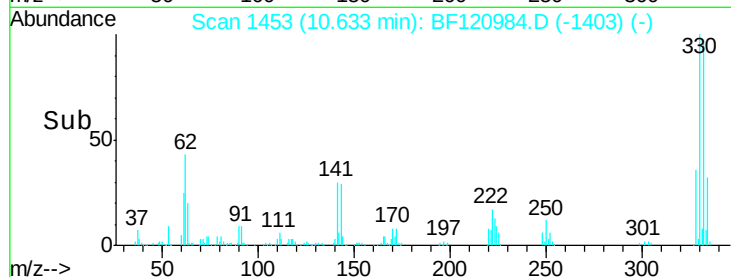
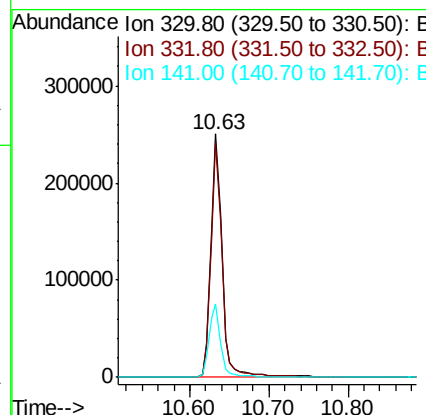
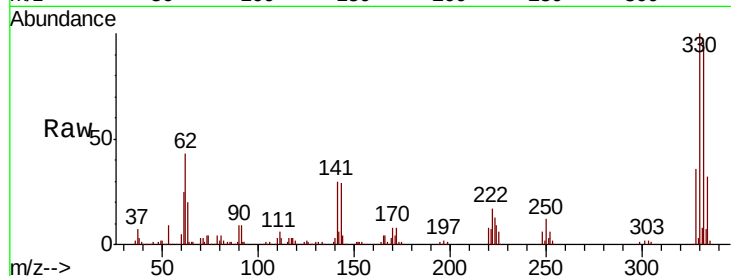




#42
 2,4,6-Tribromophenol
 Concen: 77.468 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

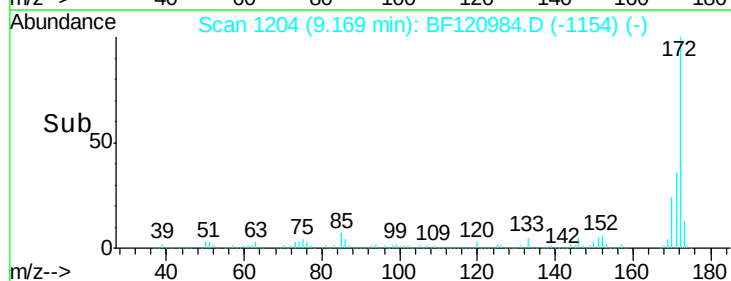
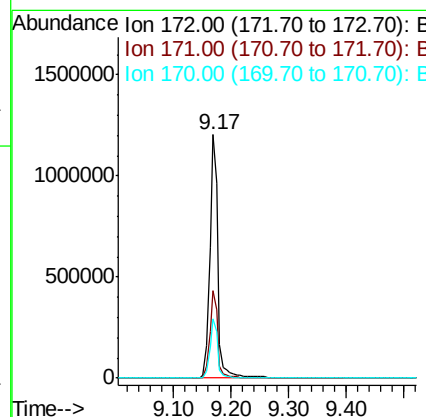
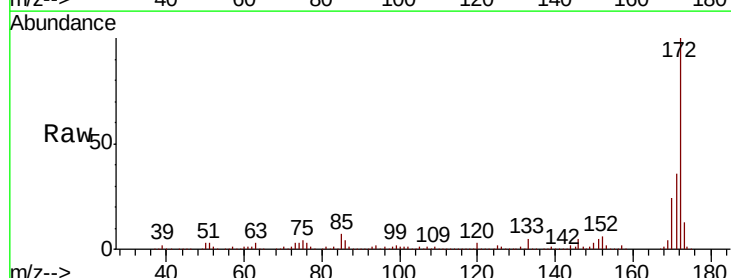
Instrument :
 BNA_F
 ClientSampleId :

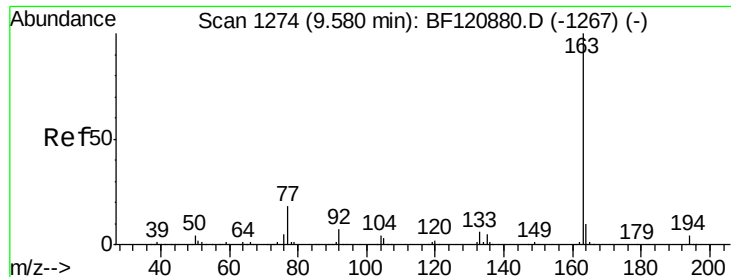
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	31.4	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 60.782 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4

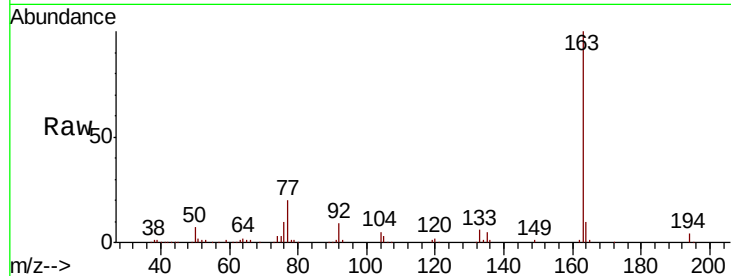




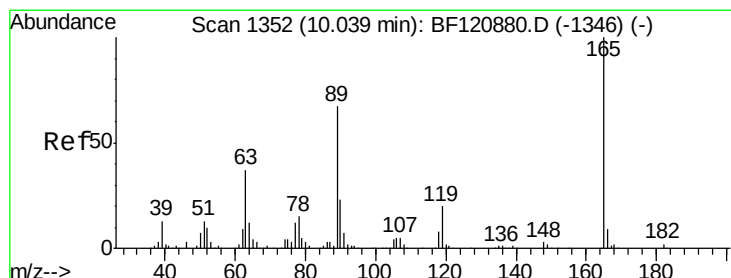
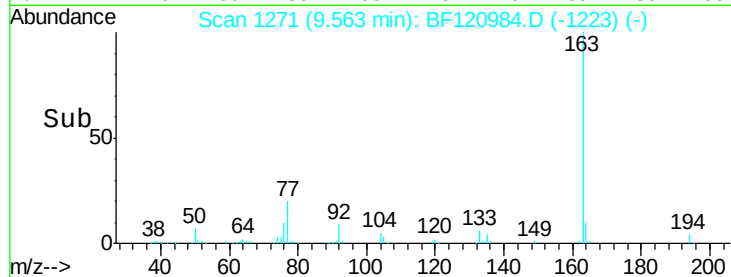
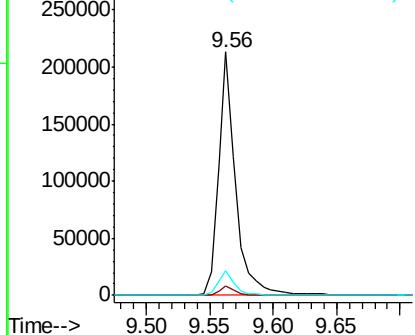
#50
Dimethylphthalate
Concen: 9.393 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 202569
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.9 11.9

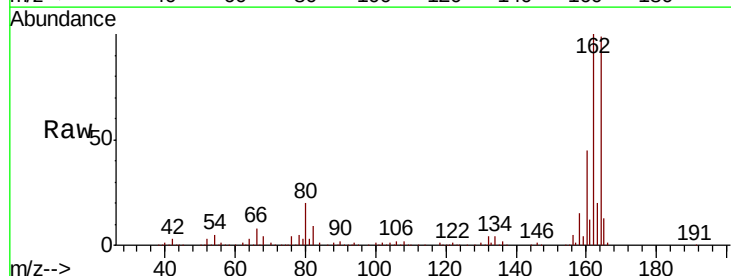


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

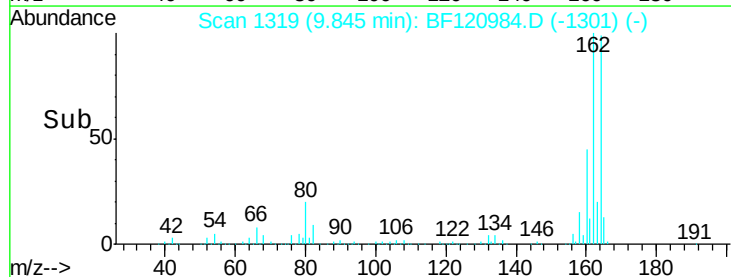
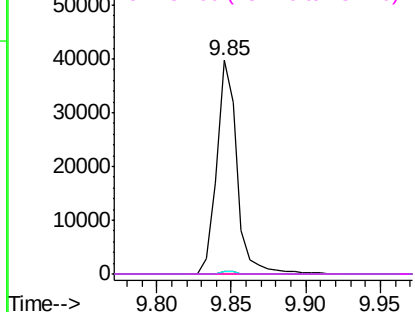


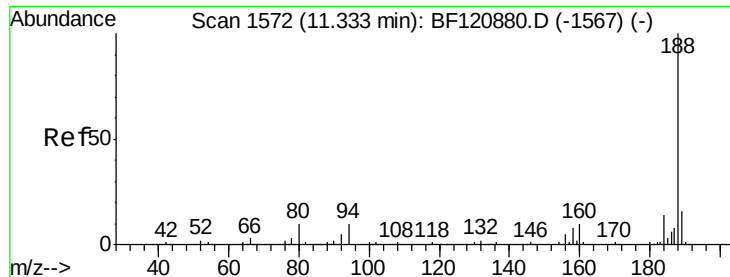
#57
2,4-Dinitrotoluene
Concen: 6.231 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120984.D
Acq: 23 Jul 2020 16:49

Tgt Ion:165 Resp: 37913
Ion Ratio Lower Upper
165 100
63 1.5 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

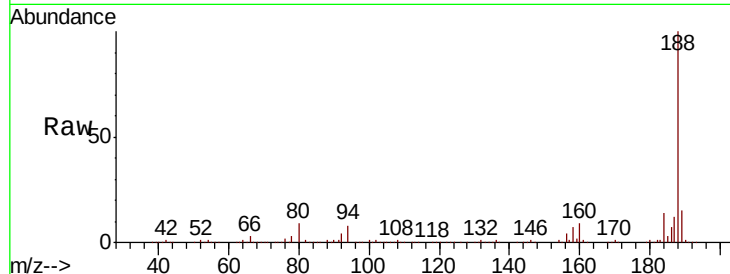




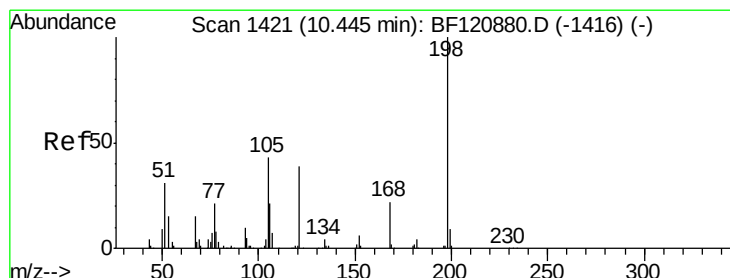
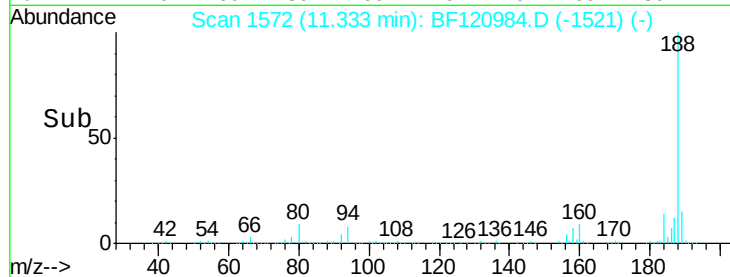
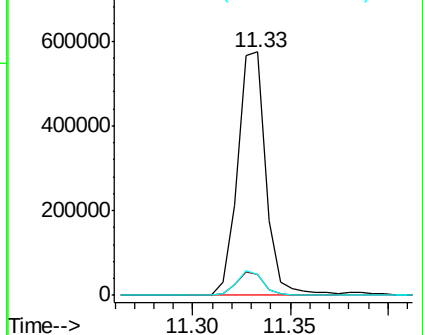
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188	Resp:	576618
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.0 12.0
80	8.7	8.3 12.5

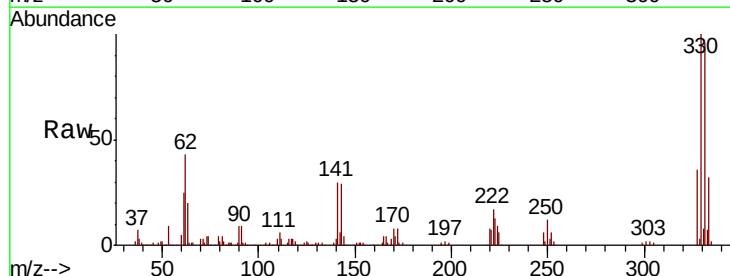


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

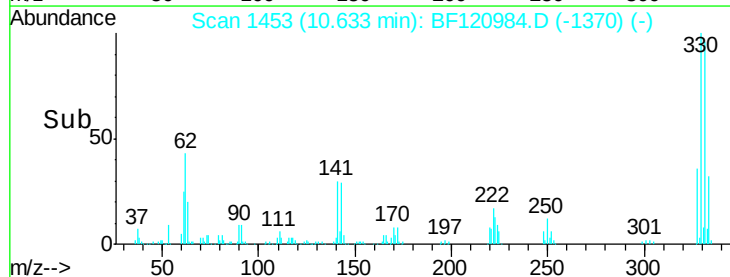
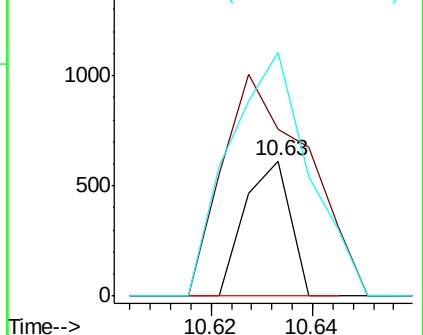


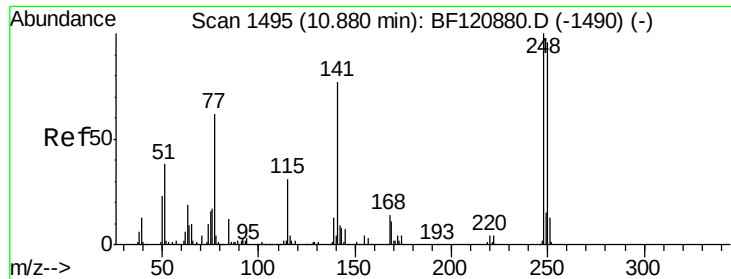
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.948 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Tgt Ion:198	Resp:	381
Ion Ratio	Lower	Upper
198	100	
51	123.6	19.5 59.5#
105	179.8	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

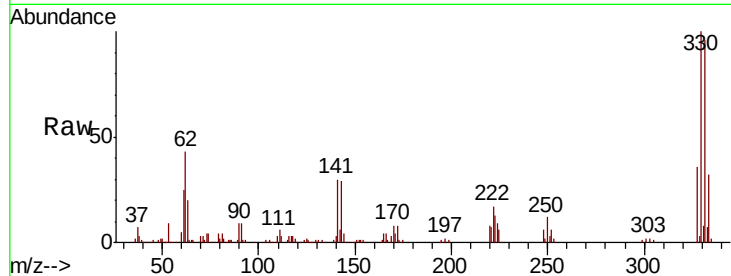




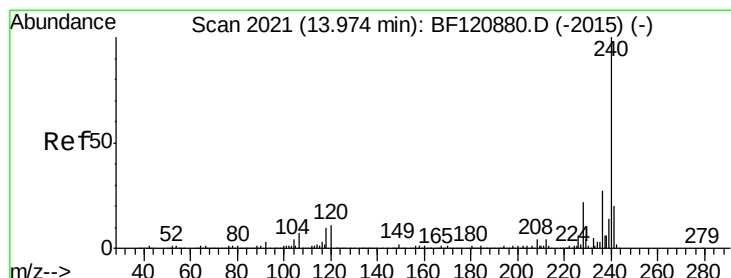
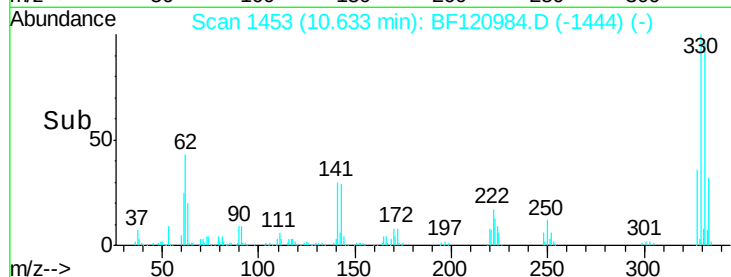
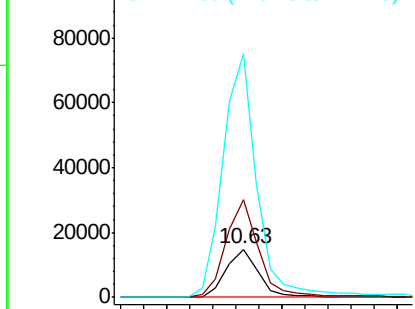
#67
 4-Bromophenyl-phenylether
 Concen: 2.237 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14379
 Ion Ratio Lower Upper
 248 100
 250 204.1 77.1 115.7#
 141 508.8 61.2 91.8#

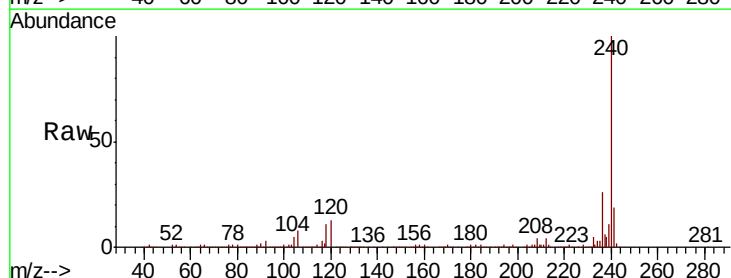


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

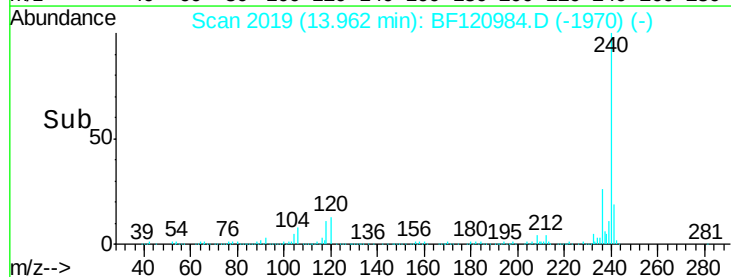
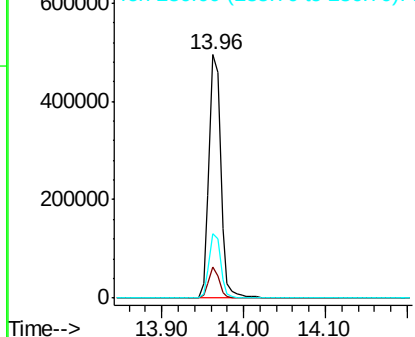


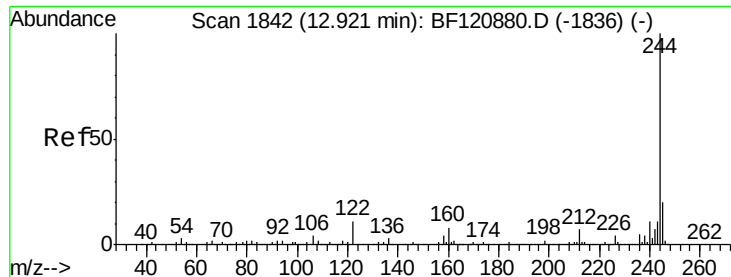
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Tgt Ion:240 Resp: 499678
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.4
 236 26.3 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

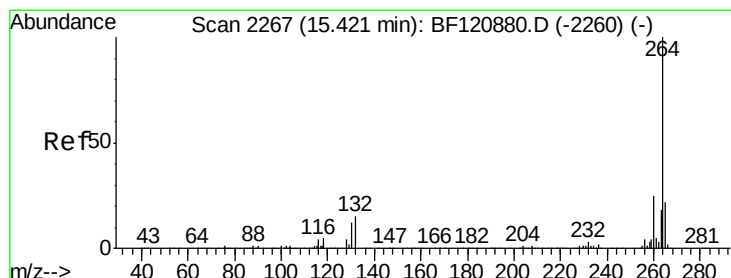
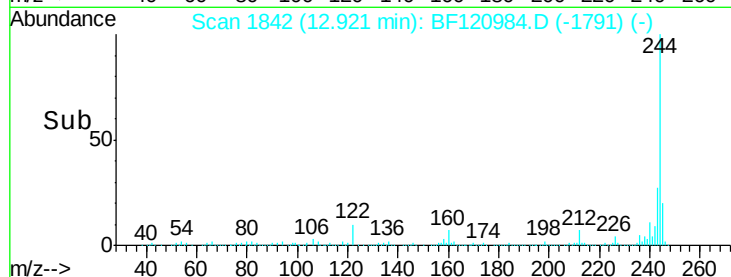
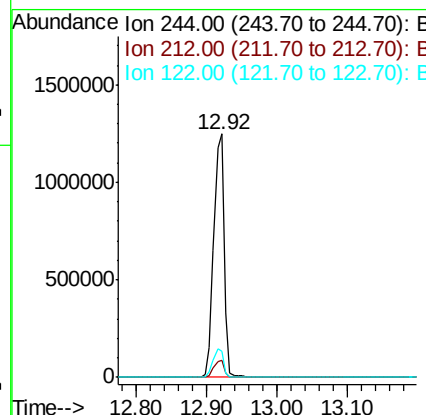
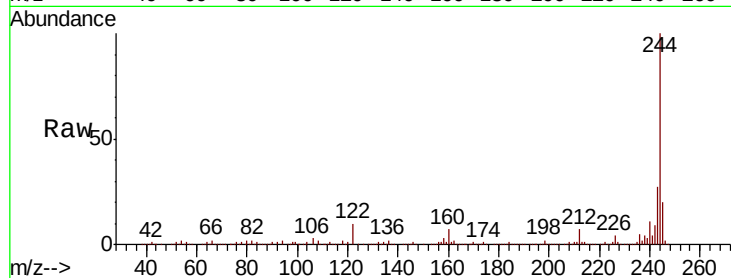




#79
 Terphenyl-d14
 Concen: 56.235 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120984.D
 Acq: 23 Jul 2020 16:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1292649
 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: BF120984.D
 Acq: 23 Jul 2020 16:49

Tgt Ion:264 Resp: 463419
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 21.3 17.4 26.2

