

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120992.D
 Acq On : 23 Jul 2020 20:55
 Operator : JU/CG
 Sample : L3379-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:48:12 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	154212	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572777	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316295	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	602598	20.00	ng	0.00
76) Chrysene-d12	13.96	240	533856	20.00	ng	-0.01
86) Perylene-d12	15.41	264	490961	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1082970	115.13	ng	0.01
7) Phenol-d6	6.45	99	1220960	100.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	869681	87.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	447241	129.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1652526	78.01	ng	0.00
79) Terphenyl-d14	12.92	244	1725168	70.25	ng	0.00

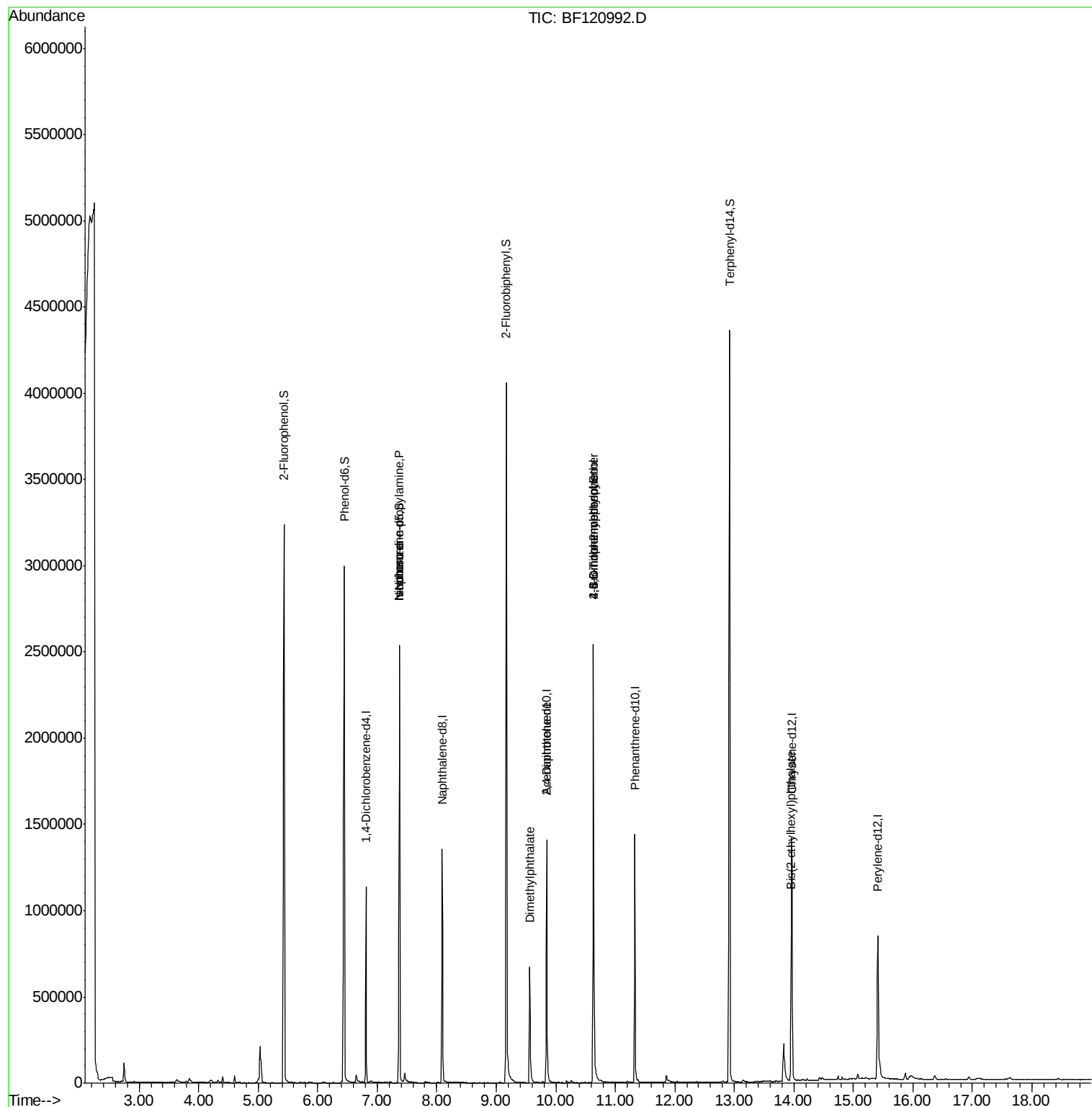
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	134	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.37	70	114962	16.638	ng	# 79
25) Isophorone	7.37	82	869672	44.021	ng	# 63
50) Dimethylphthalate	9.56	163	334778	14.671	ng	100
57) 2,4-Dinitrotoluene	9.85	165	40286	6.258	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	739	4.037	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	25132	3.741	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.95	149	119166	5.743	ng	99

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

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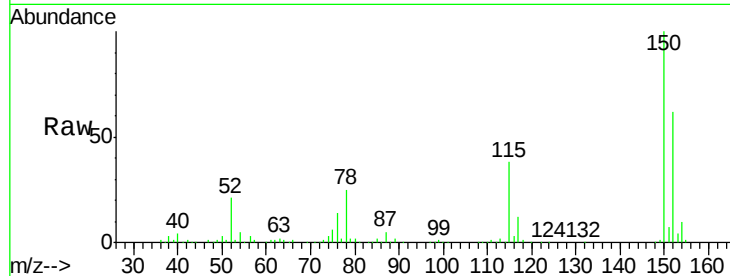


#1

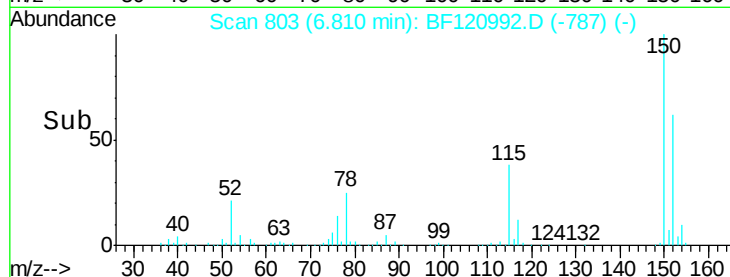
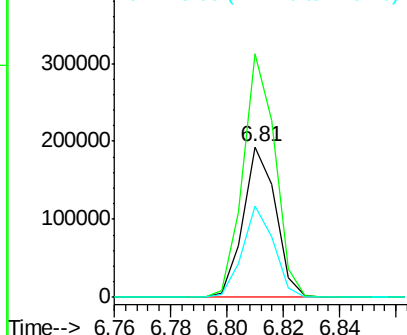
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154212
Ion Ratio Lower Upper
152 100
150 162.0 125.0 187.6
115 60.8 47.0 70.4



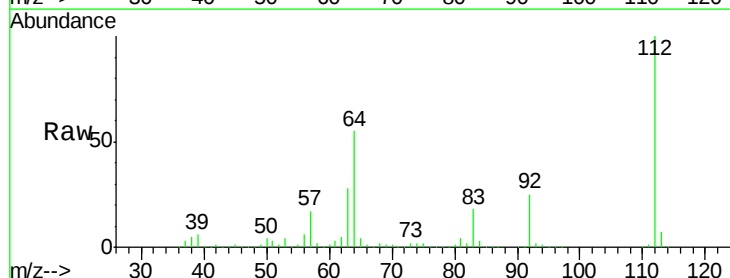
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



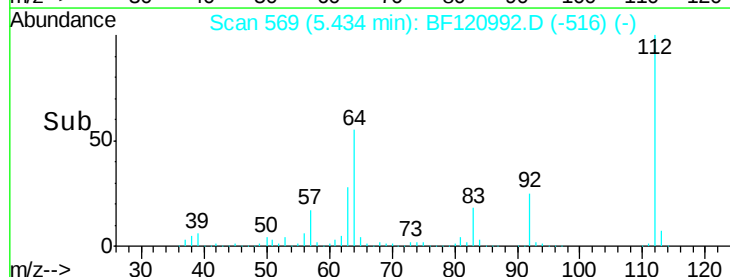
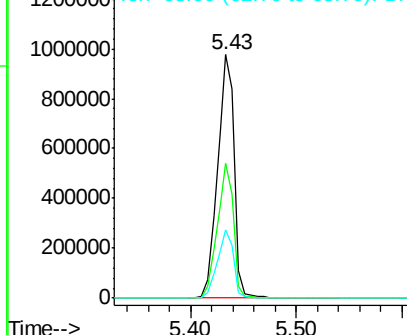
#5

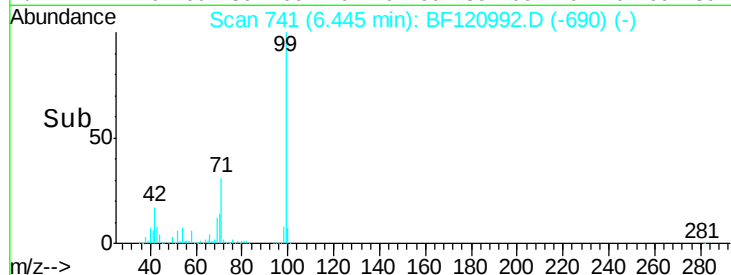
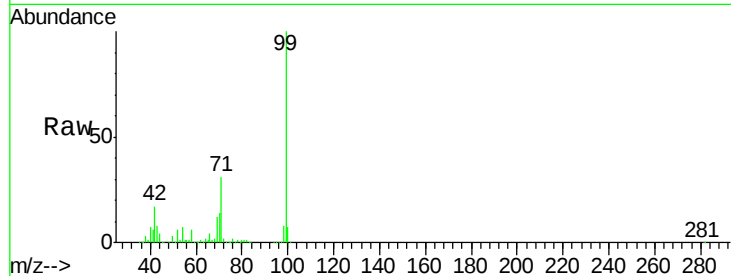
2-Fluorophenol
Concen: 115.126 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Tgt Ion:112 Resp: 1082970
Ion Ratio Lower Upper
112 100
64 55.3 41.3 61.9
63 28.2 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: 100.480 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120992.D

Acq: 23 Jul 2020 20:55

Instrument :

BNA_F

ClientSampled :

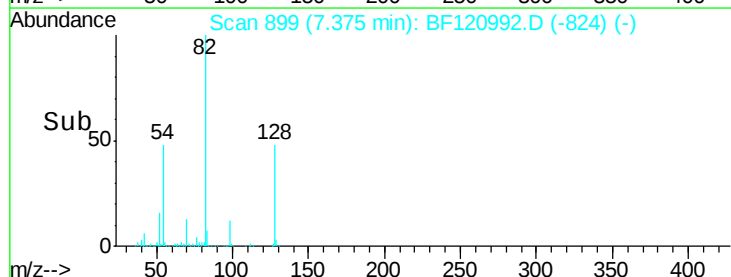
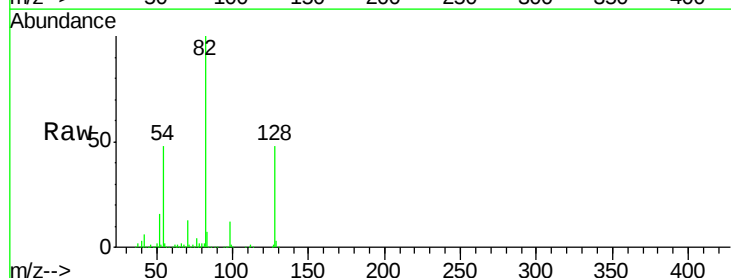
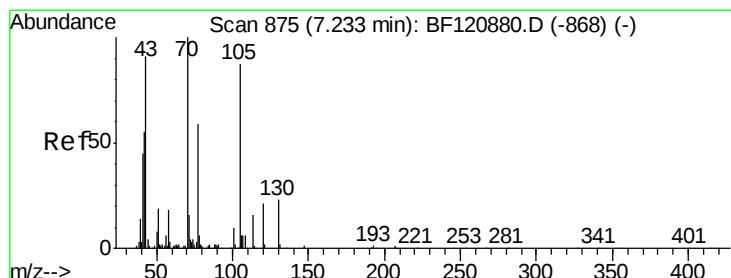
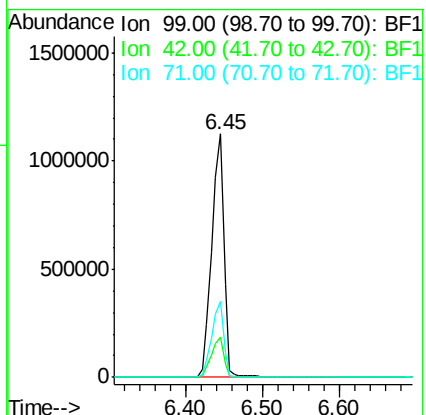
Tot Ion: 99 Resp: 1220960

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 31.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.638 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120992.D

Acq: 23 Jul 2020 20:55

Tgt Ion: 70 Resp: 114962

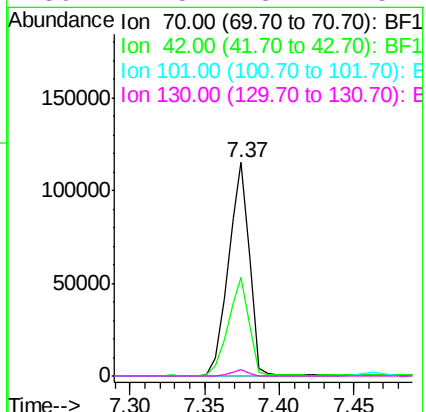
Ion Ratio Lower Upper

70 100

42 46.5 44.0 66.0

101 0.0 7.8 11.6#

130 2.8 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: BF120992.D

Acq: 23 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 572777

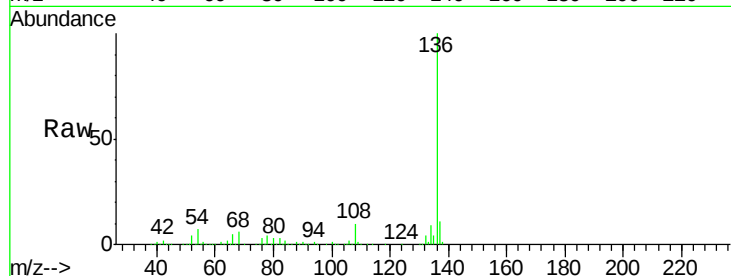
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.5 6.3 9.5

68 5.9 5.0 7.4

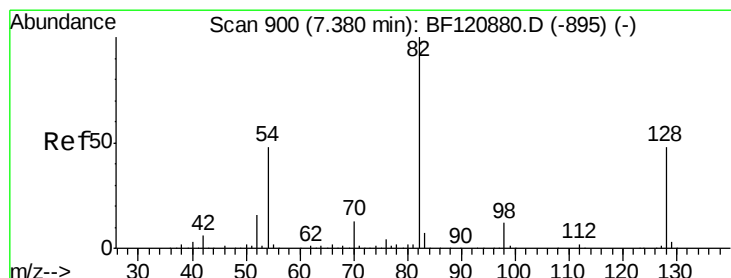
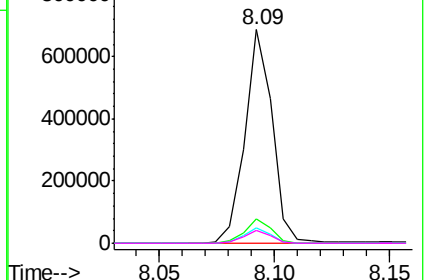
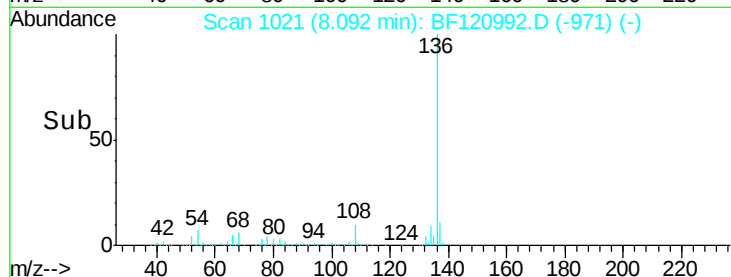


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.857 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120992.D

Acq: 23 Jul 2020 20:55

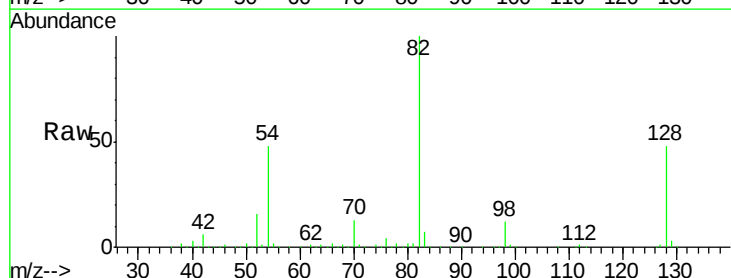
Tgt Ion: 82 Resp: 869681

Ion Ratio Lower Upper

82 100

128 47.8 38.2 57.4

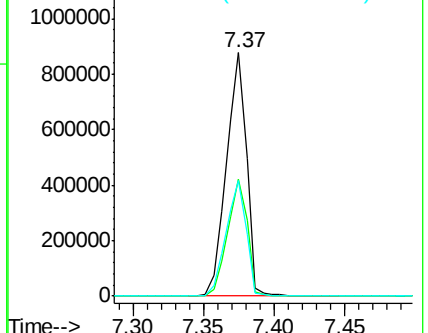
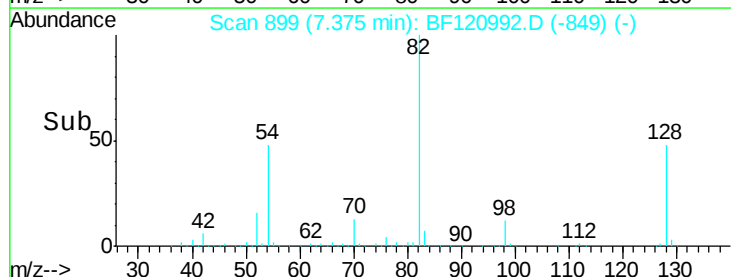
54 47.7 38.7 58.1



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

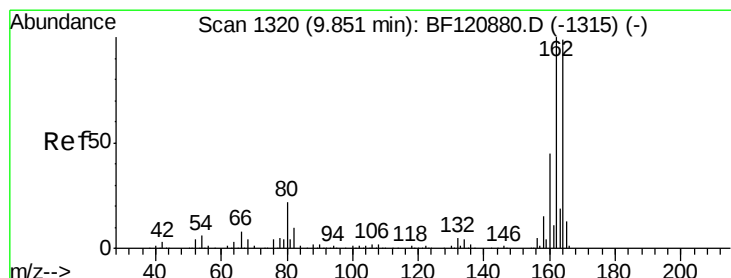
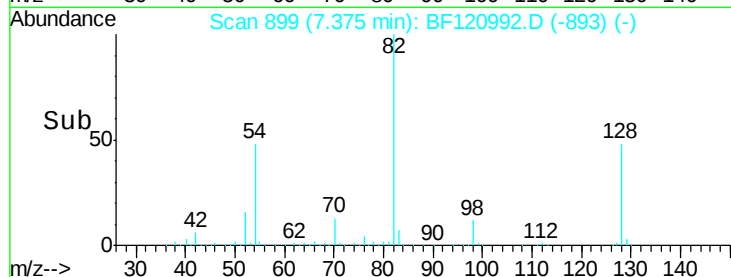
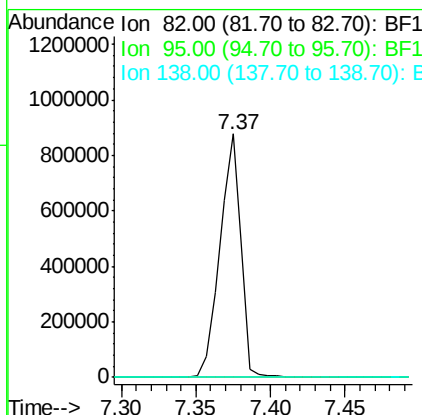
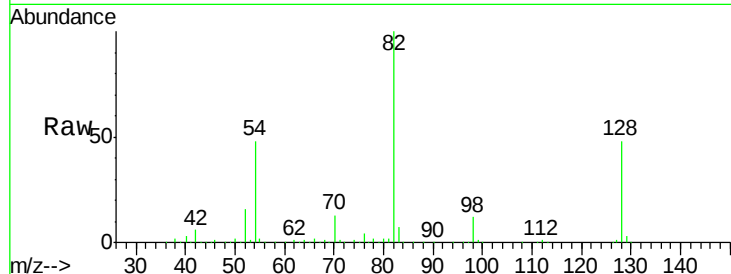




#25
Isophorone
Concen: 44.021 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

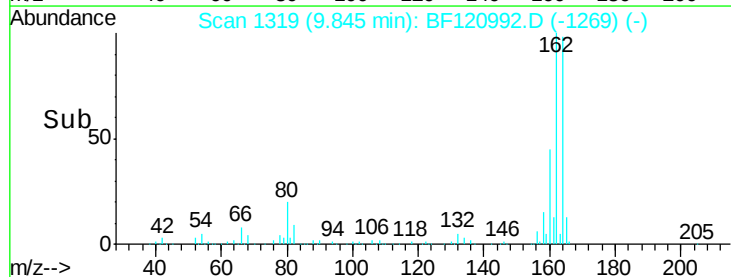
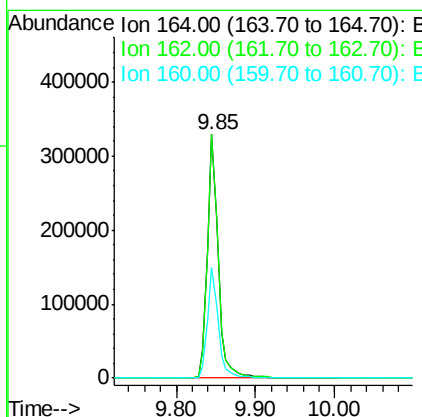
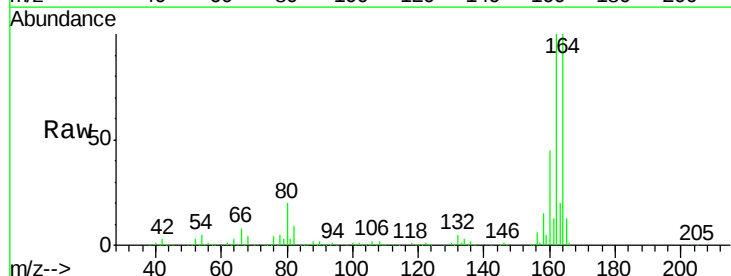
Instrument :
BNA_F
ClientSampleId :

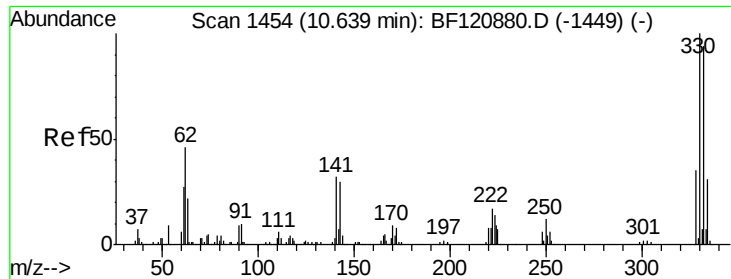
Tot Ion: 82 Resp: 869672
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Tgt Ion: 164 Resp: 316295
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 45.2 36.9 55.3

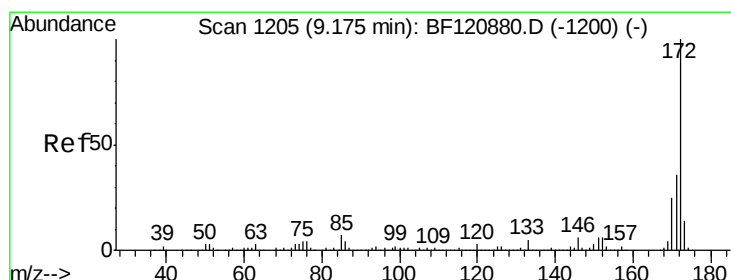
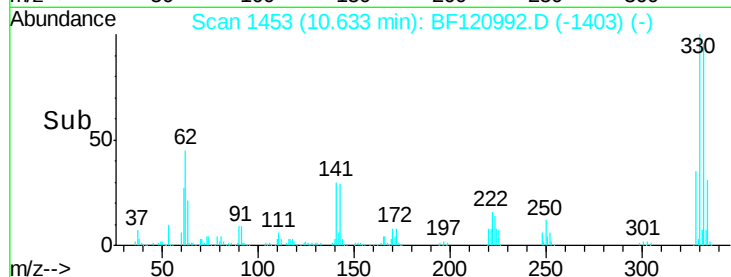
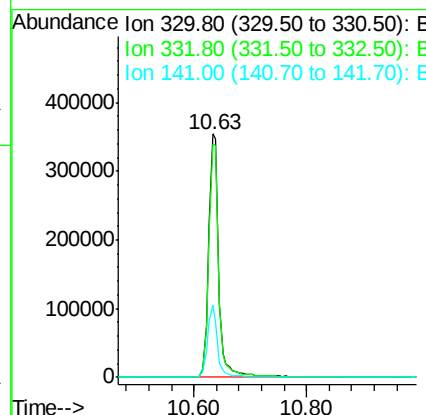
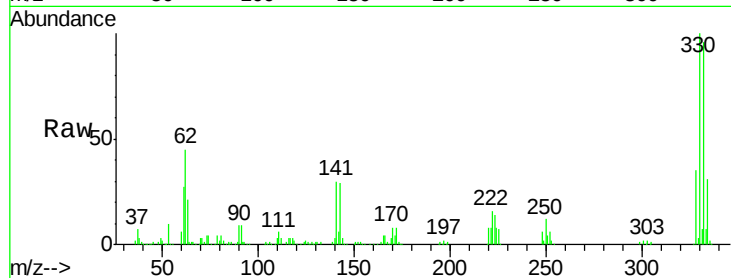




#42
 2,4,6-Tribromophenol
 Concen: 129.180 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120992.D
 Acq: 23 Jul 2020 20:55

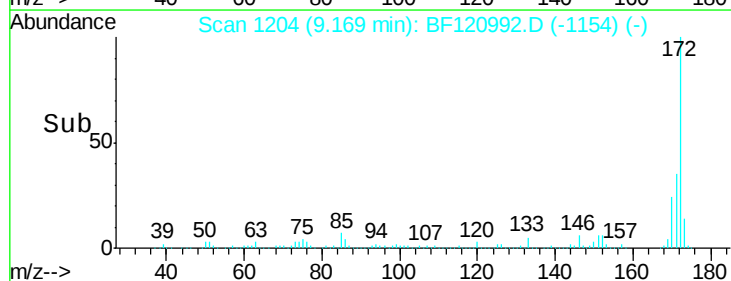
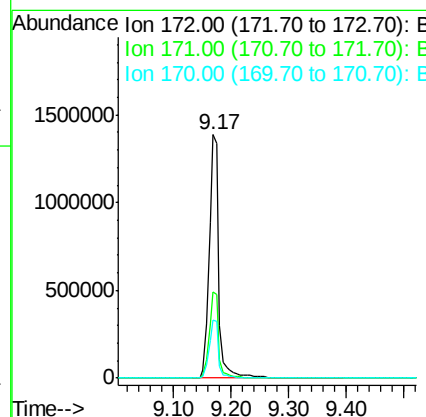
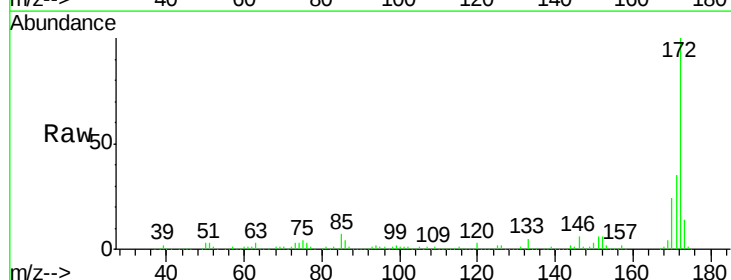
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	29.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 78.006 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120992.D
 Acq: 23 Jul 2020 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.1	19.6	29.4

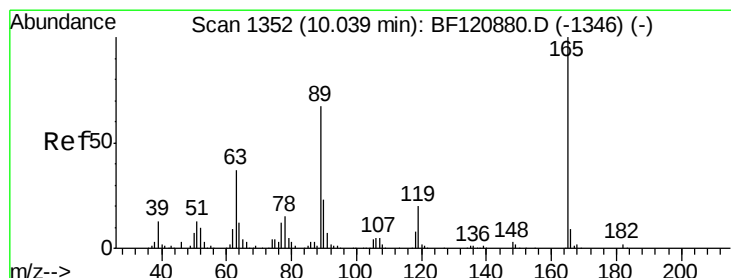
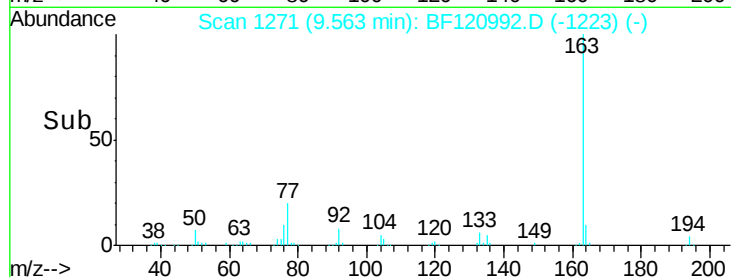
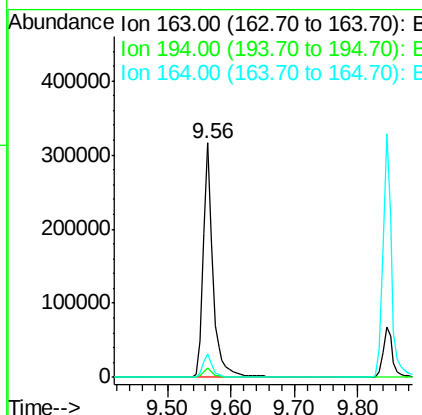
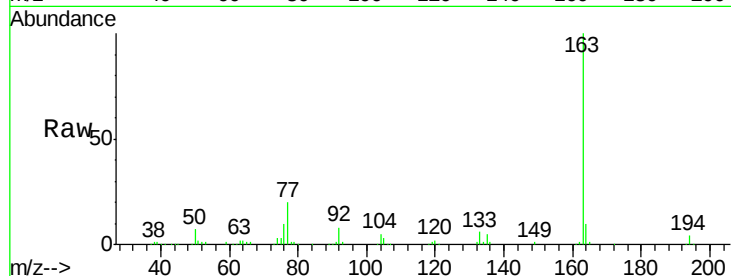




#50
Dimethylphthalate
Concen: 14.671 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

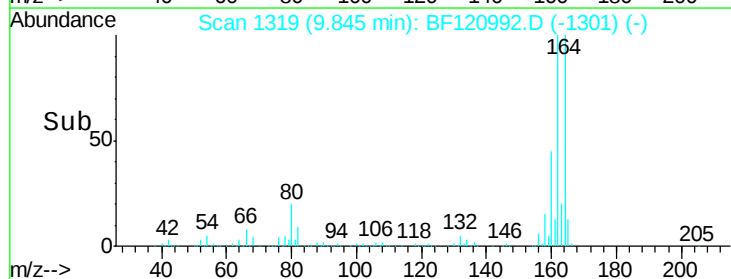
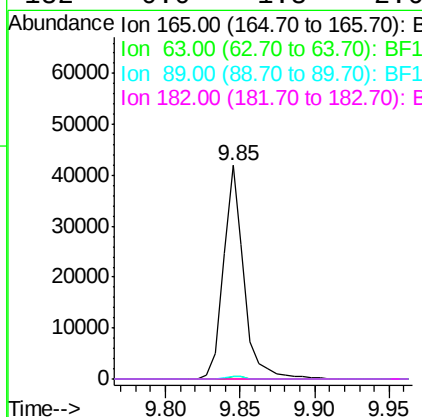
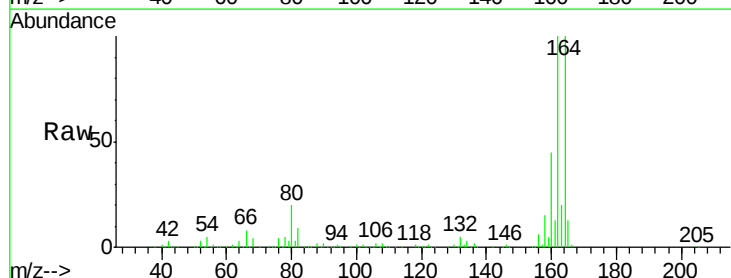
Instrument :
BNA_F
ClientSampleId :

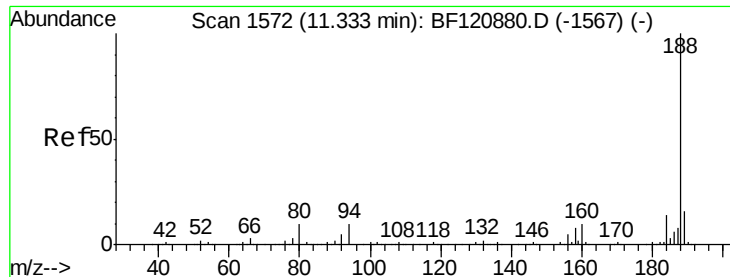
Tot Ion:163 Resp: 334778
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Tgt Ion:165 Resp: 40286
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120992.D

Acq: 23 Jul 2020 20:55

Instrument :

BNA_F

ClientSampleId :

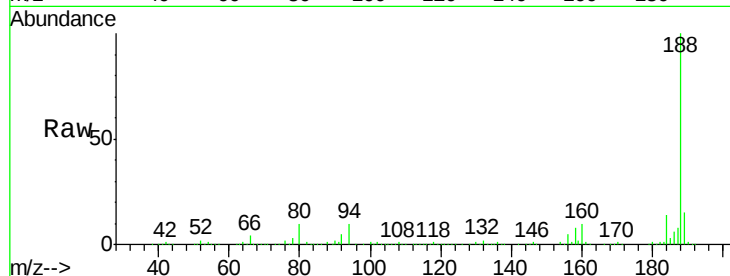
Tot Ion:188 Resp: 602598

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

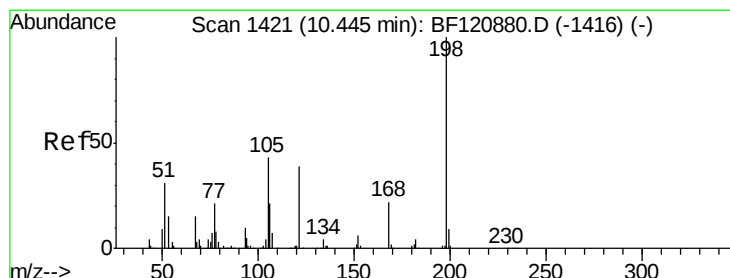
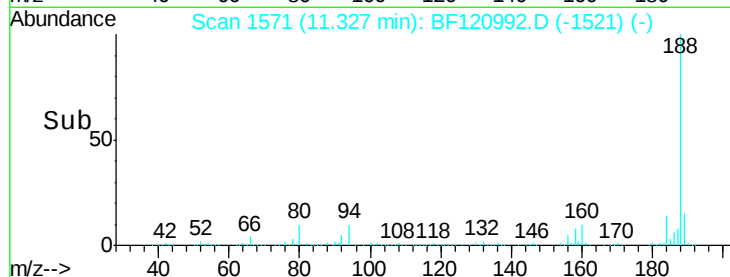
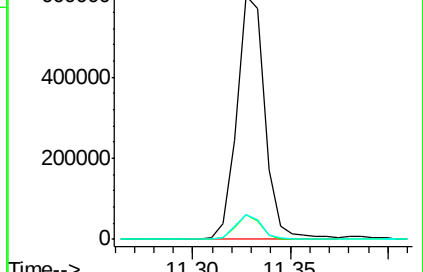
80 10.3 8.3 12.5



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: 4.037 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120992.D

Acq: 23 Jul 2020 20:55

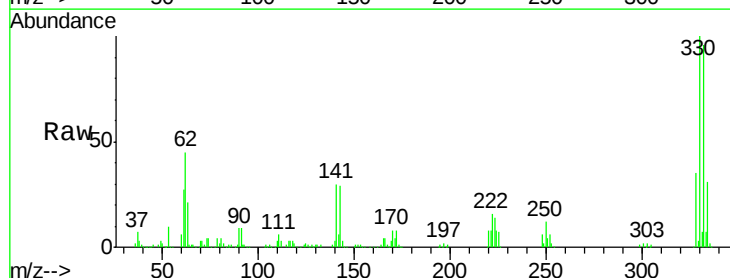
Tgt Ion:198 Resp: 739

Ion Ratio Lower Upper

198 100

51 148.2 19.5 59.5#

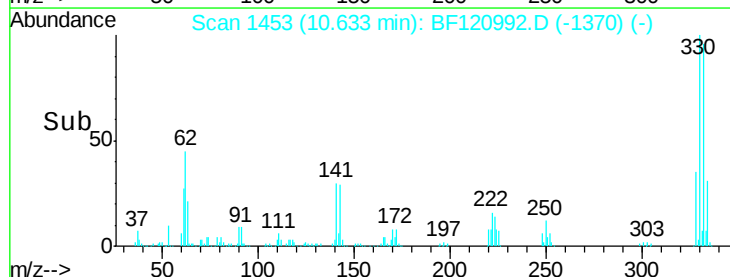
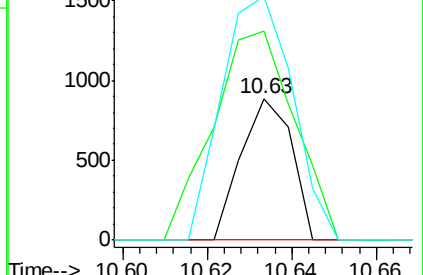
105 172.1 24.4 64.4#

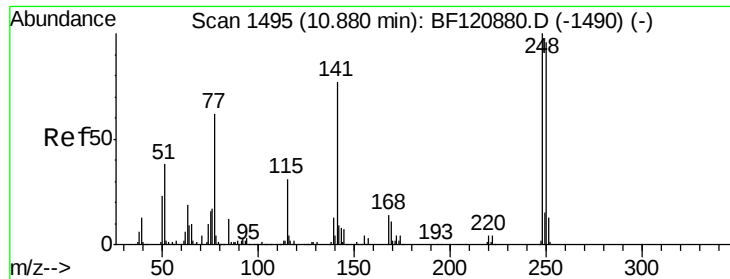


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

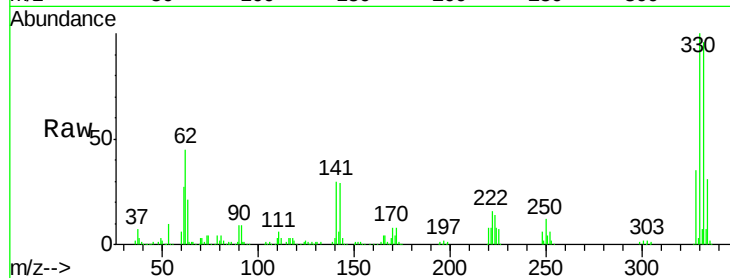




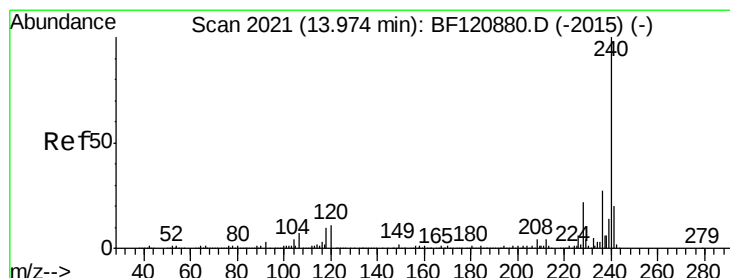
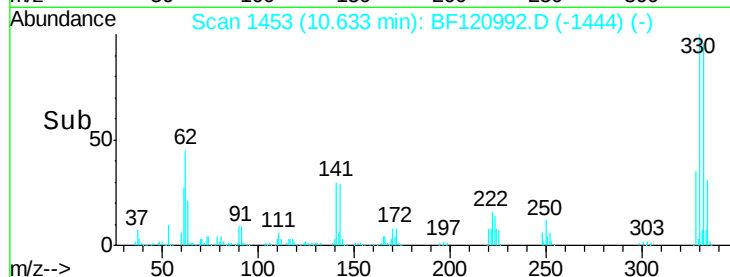
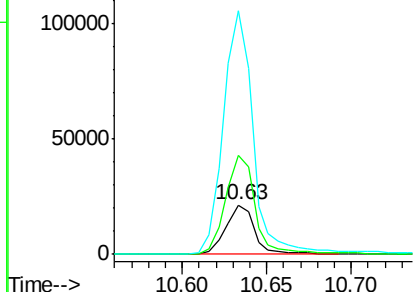
#67
4-Bromophenyl-phenylether
Concen: 3.741 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25132
Ion Ratio Lower Upper
248 100
250 201.5 77.1 115.7#
141 496.2 61.2 91.8#

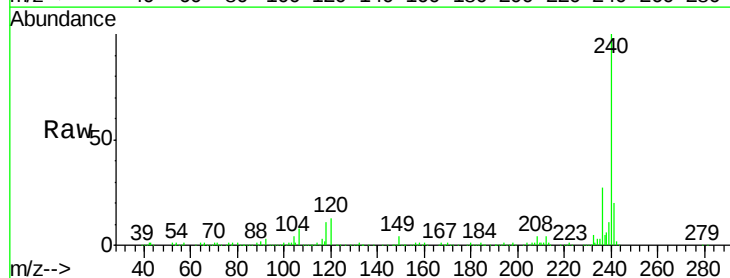


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

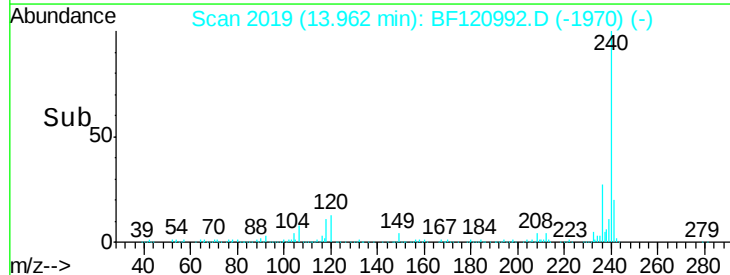
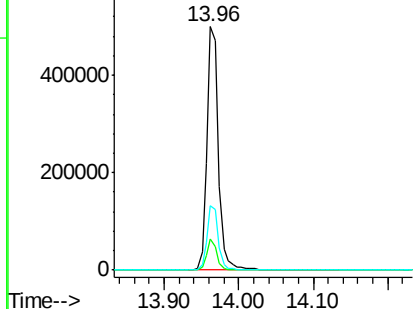


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Tgt Ion:240 Resp: 533856
Ion Ratio Lower Upper
240 100
120 12.6 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

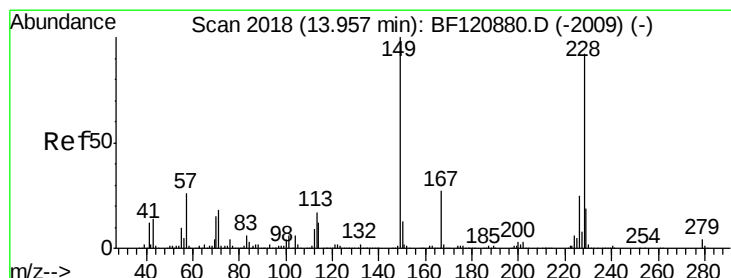
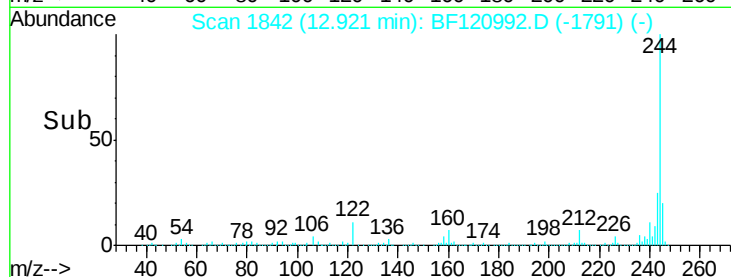
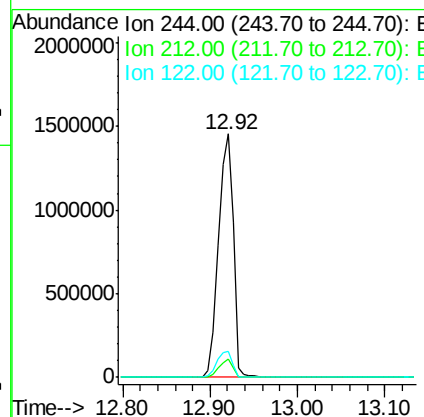
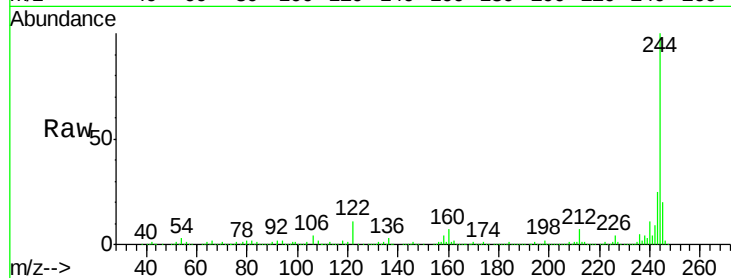




#79
 Terphenyl-d14
 Concen: 70.246 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120992.D
 Acq: 23 Jul 2020 20:55

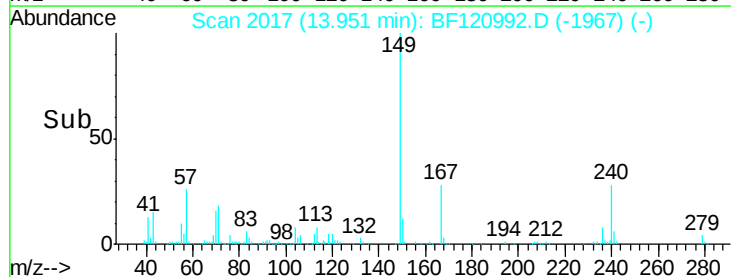
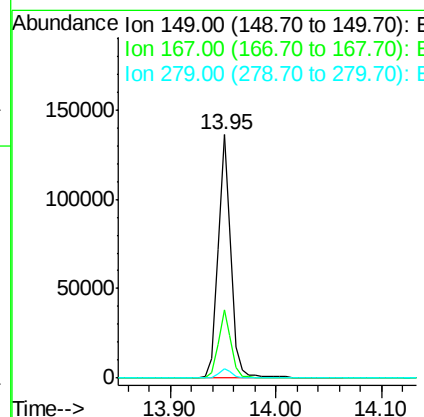
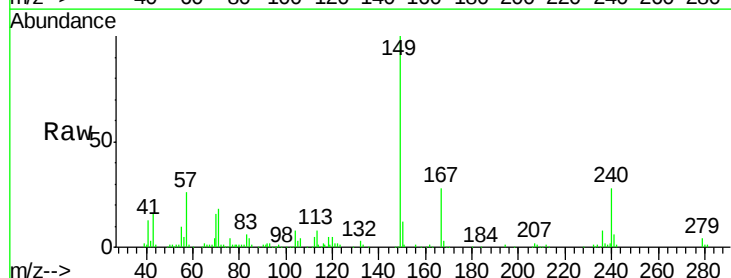
Instrument :
 BNA_F
 ClientSampleId :

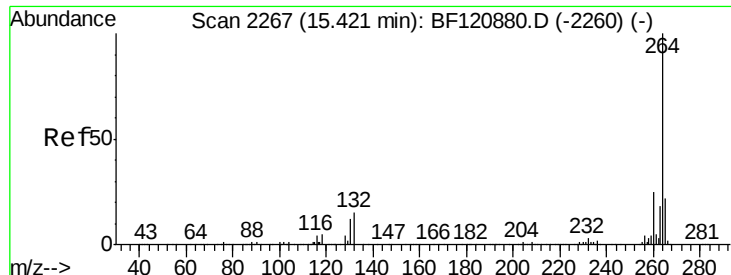
Tot Ion:244 Resp: 1725168
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 8.9 13.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.743 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120992.D
 Acq: 23 Jul 2020 20:55

Tgt Ion:149 Resp: 119166
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.9 32.9
 279 3.8 3.0 4.4

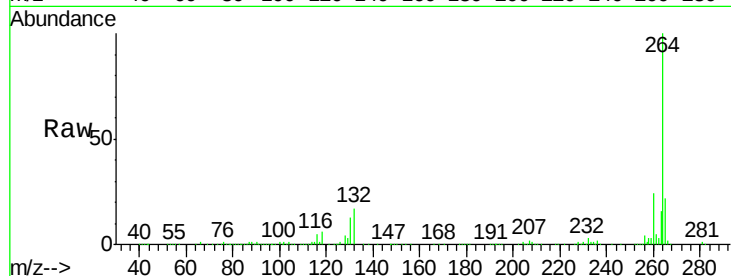




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120992.D
Acq: 23 Jul 2020 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.0	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

