

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120943.D
 Acq On : 20 Jul 2020 20:15
 Operator : JU/CG
 Sample : L3182-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071720

Quant Time: Jul 21 00:42:02 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	196781	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	746583	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	406120	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	780474	20.00	ng	0.00
76) Chrysene-d12	13.97	240	663708	20.00	ng	0.00
86) Perylene-d12	15.42	264	557677	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1179139	98.23	ng	0.02
7) Phenol-d6	6.45	99	1288301	83.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	1025281	79.46	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	495309	111.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1648797	60.62	ng	0.00
79) Terphenyl-d14	12.93	244	1971149	64.56	ng	0.00

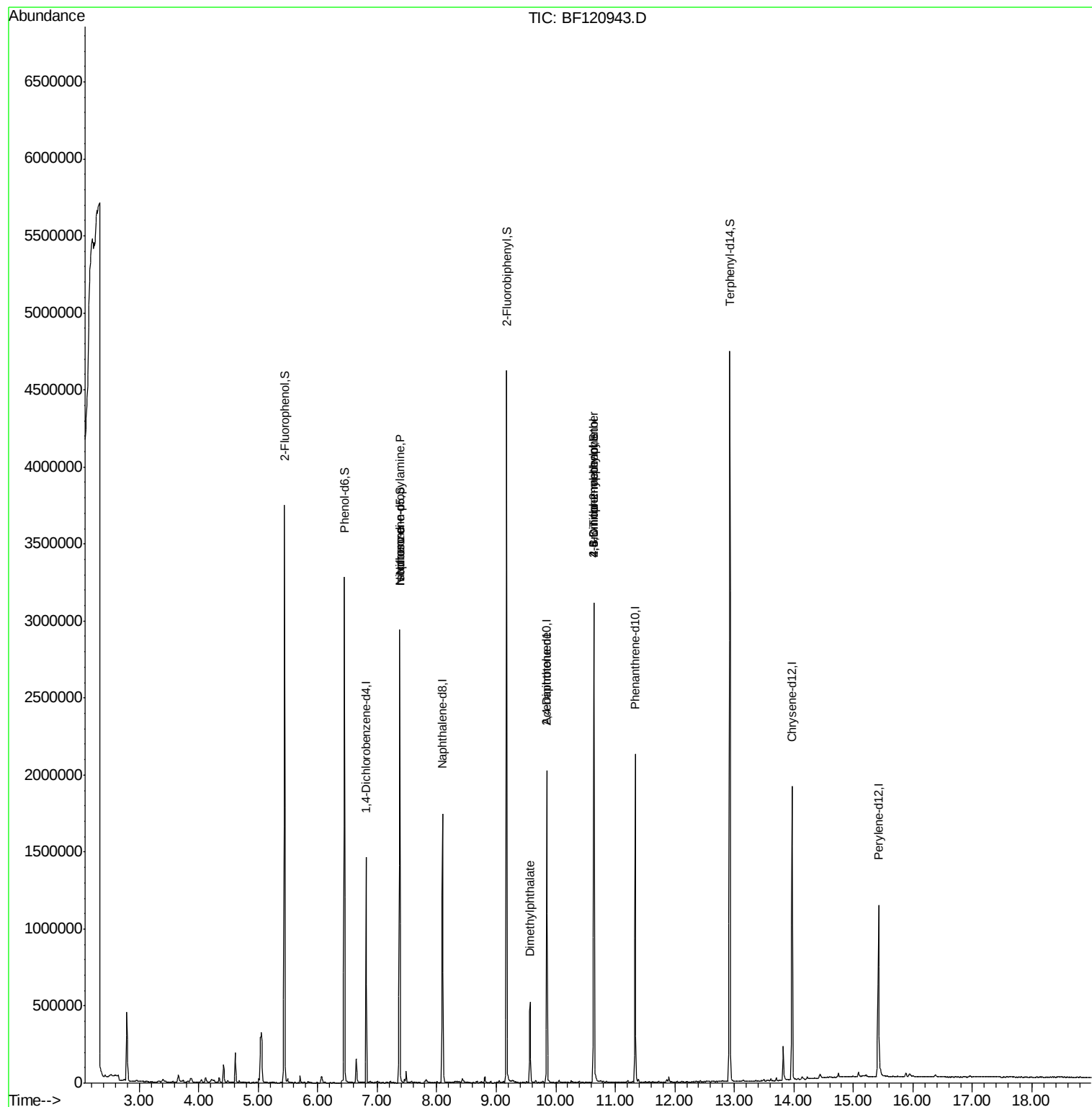
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1920	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	136337	15.463	ng	# 77
25) Isophorone	7.38	82	1018747	39.562	ng	# 63
50) Dimethylphthalate	9.57	163	221684	7.566	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	52148	6.309	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	933	4.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	28371	3.260	ng	# 1

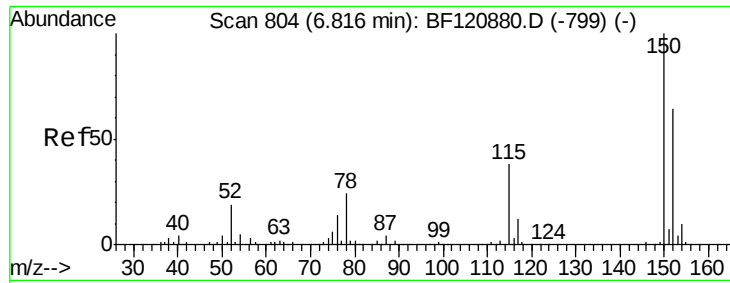
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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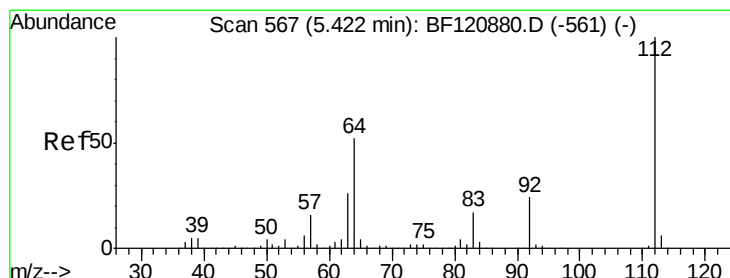
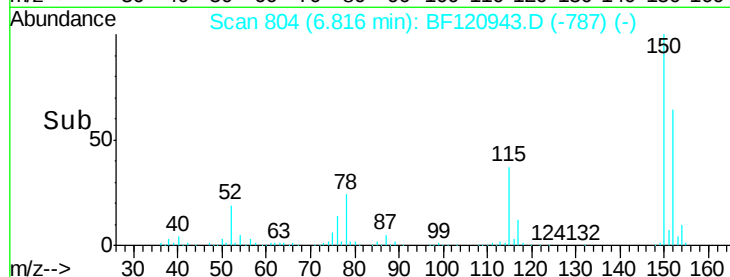
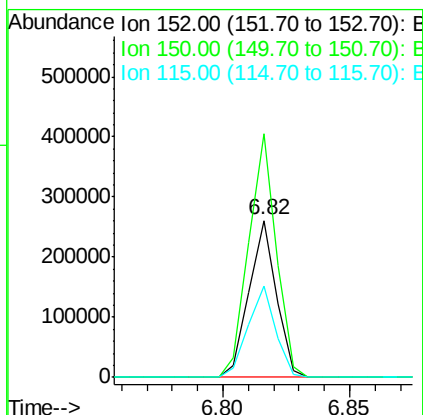
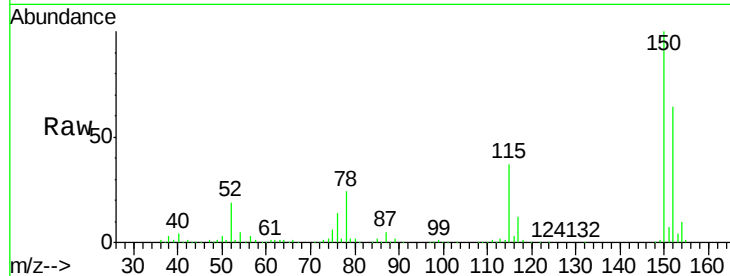


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071720

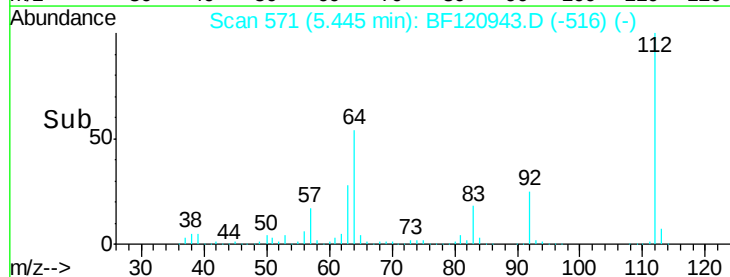
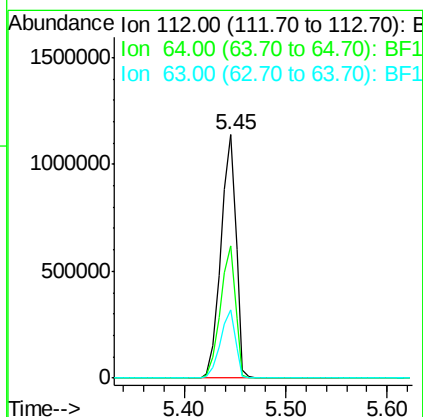
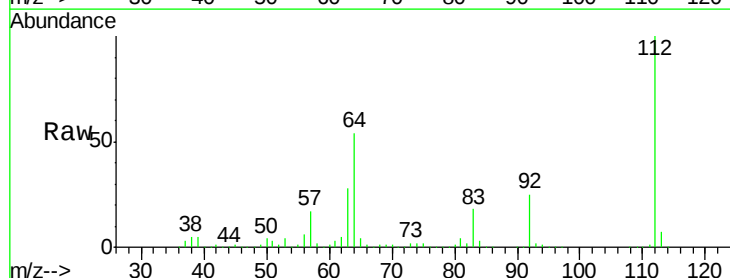
Tot Ion:152 Resp: 196781
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.0 187.6
 115 58.1 47.0 70.4

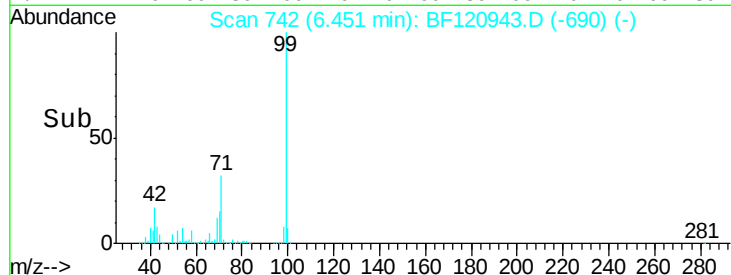
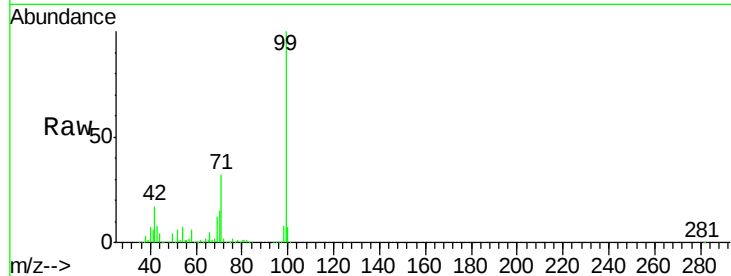
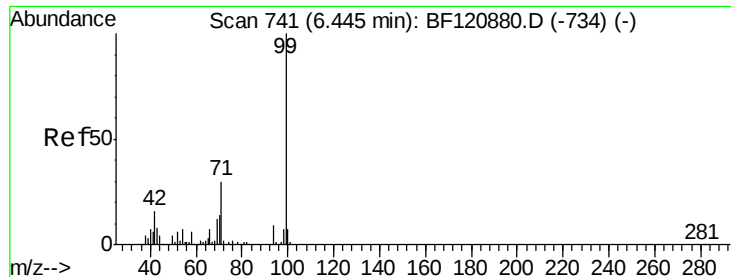


#5

2-Fluorophenol
 Concen: 98.233 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Tgt Ion:112 Resp: 1179139
 Ion Ratio Lower Upper
 112 100
 64 54.2 41.3 61.9
 63 28.1 21.1 31.7





#7

Phenol-d6

Concen: 83.087 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-071720

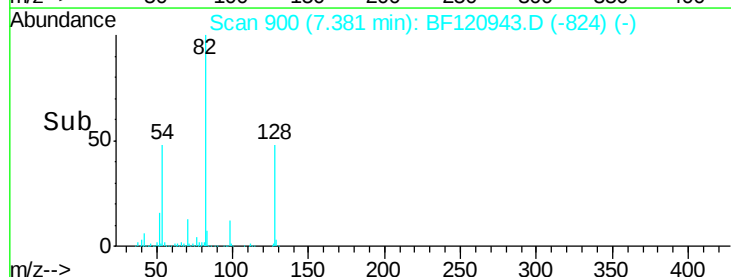
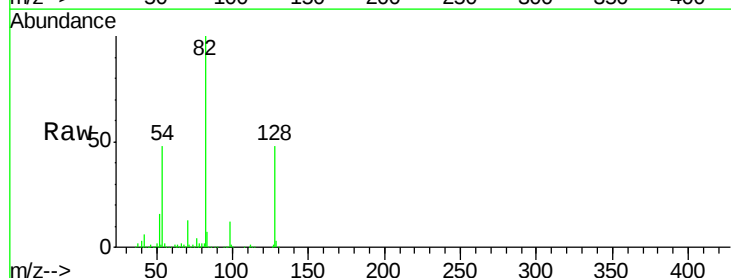
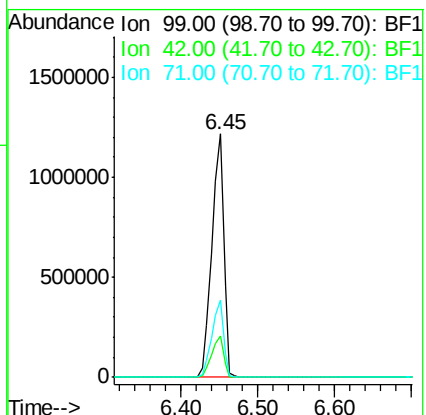
Tot Ion: 99 Resp: 1288301

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 31.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.463 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Tgt Ion: 70 Resp: 136337

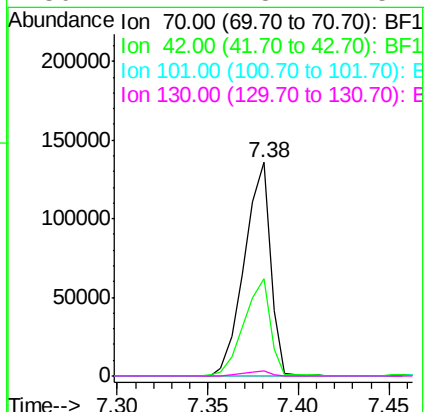
Ion Ratio Lower Upper

70 100

42 45.4 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-071720

Tot Ion:136 Resp: 746583

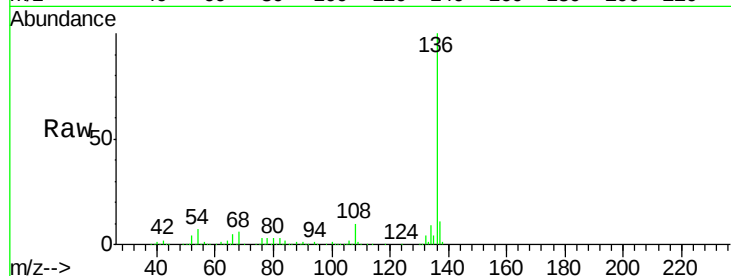
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.2 6.3 9.5

68 5.7 5.0 7.4

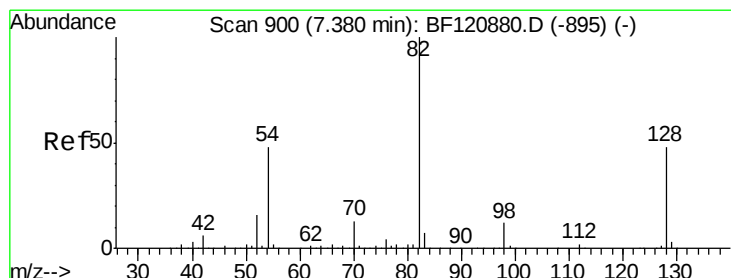
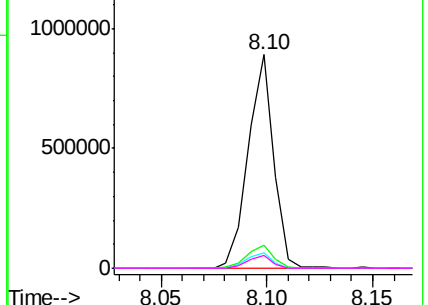
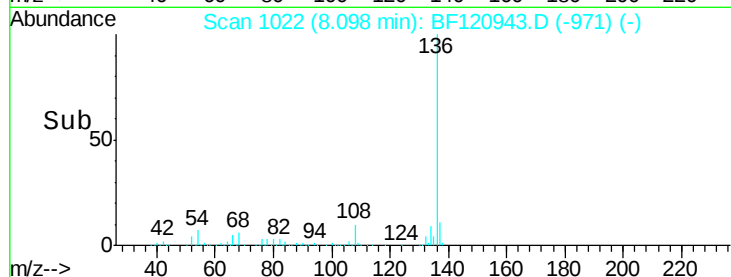


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.463 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

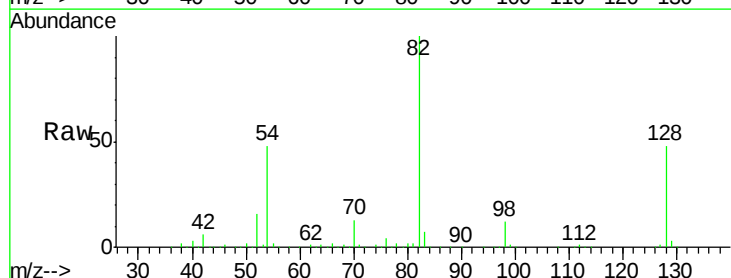
Tgt Ion: 82 Resp: 1025281

Ion Ratio Lower Upper

82 100

128 48.0 38.2 57.4

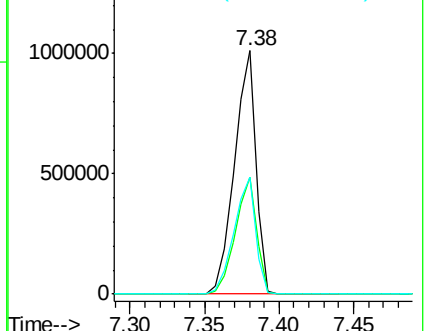
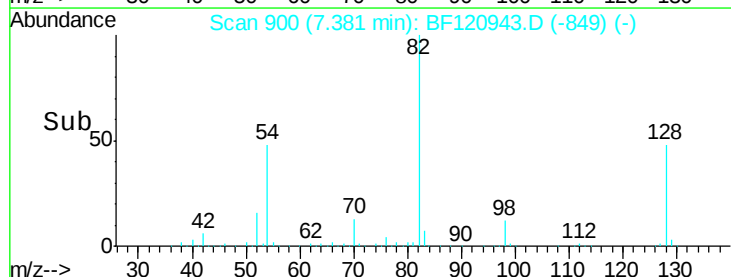
54 47.9 38.7 58.1



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: 39.562 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Instrument :

BNA_F

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NB-08-071720

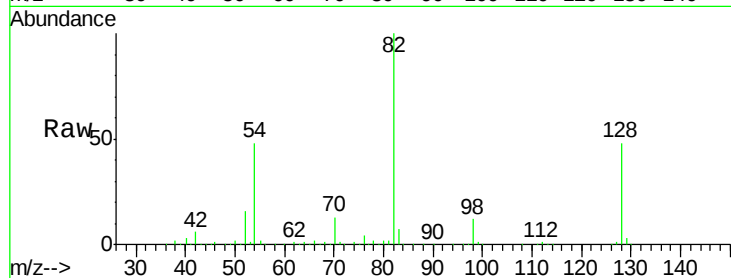
Tot Ion: 82 Resp: 1018747

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

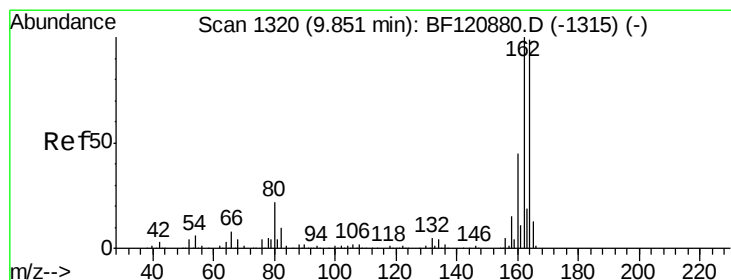
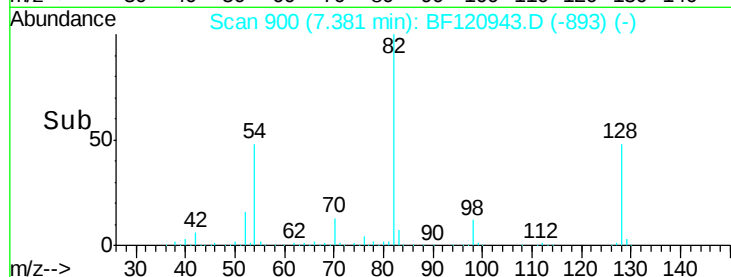
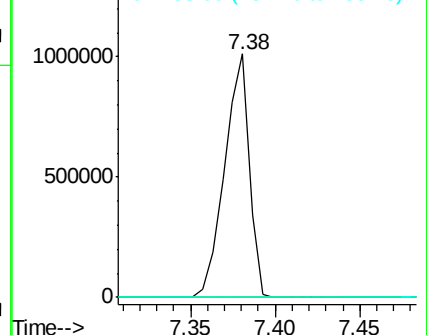
138 0.0 15.6 23.4#



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: BF120943.D

Acq: 20 Jul 2020 20:15

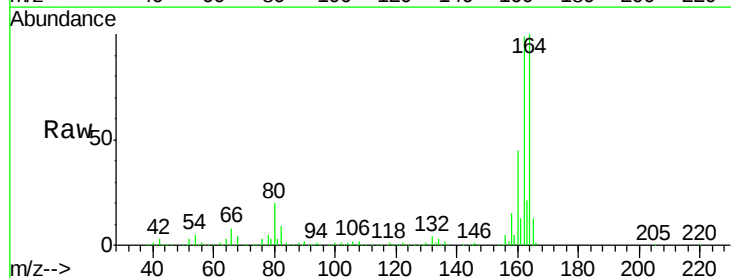
Tgt Ion:164 Resp: 406120

Ion Ratio Lower Upper

164 100

162 99.1 81.2 121.8

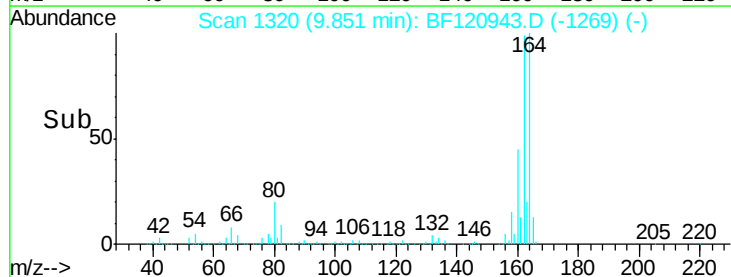
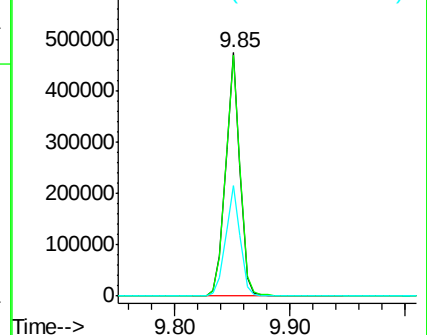
160 45.2 36.9 55.3

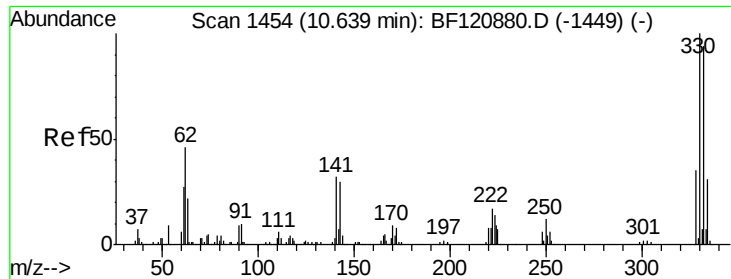


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

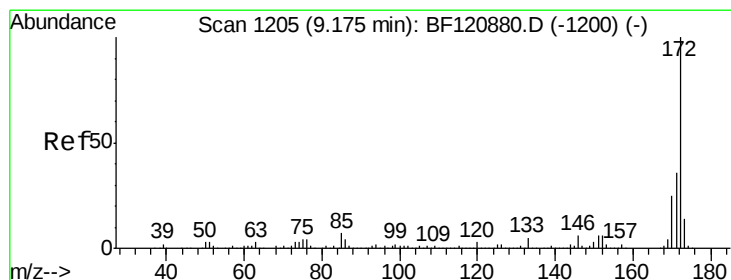
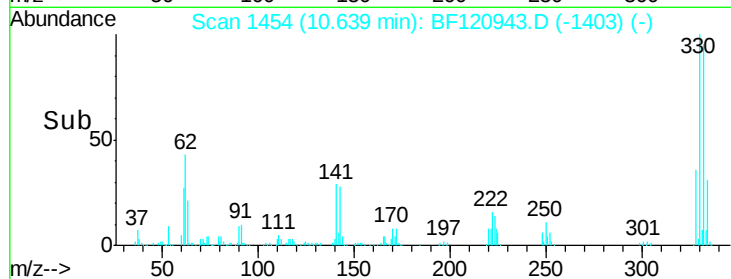
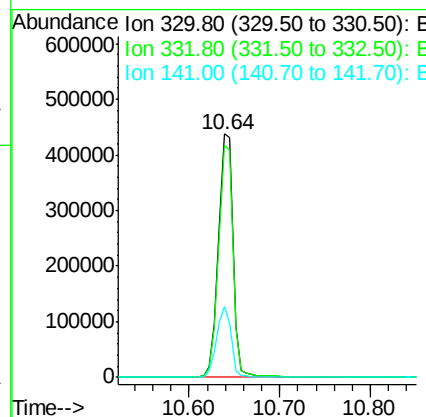
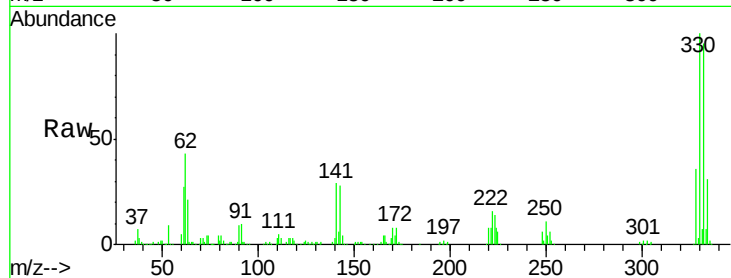




#42
 2,4,6-Tribromophenol
 Concen: 111.421 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

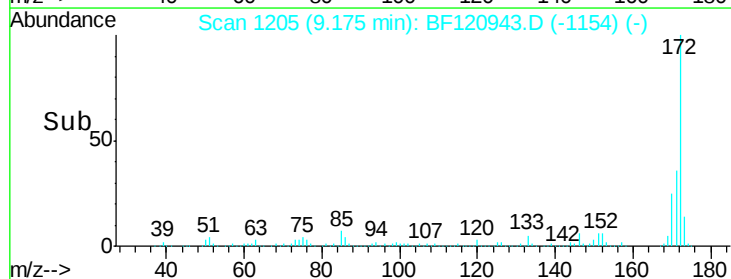
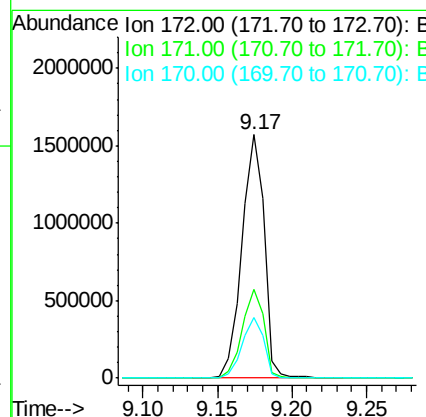
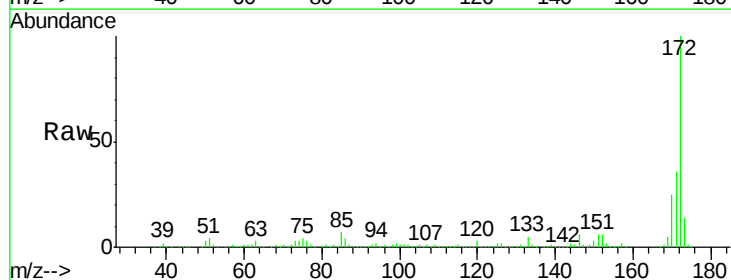
Instrument :
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 NB-08-071720

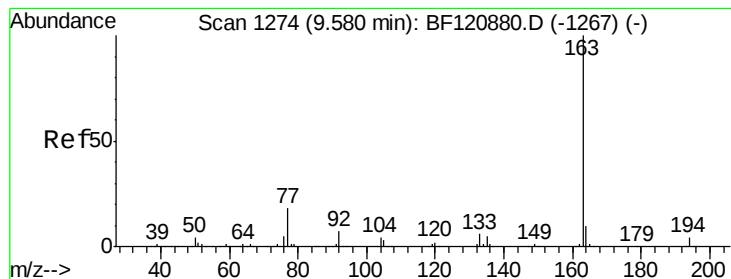
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	29.3	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 60.616 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.7	19.6	29.4





#50

Dimethylphthalate

Concen: 7.566 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-071720

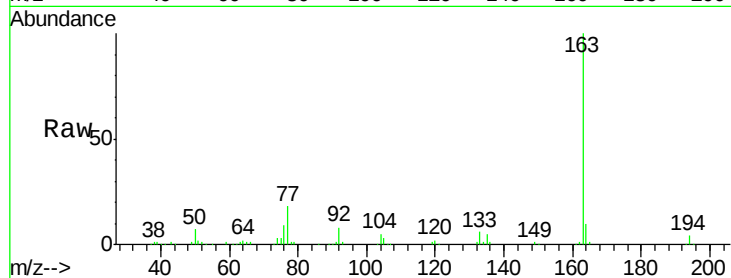
Tot Ion:163 Resp: 221684

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

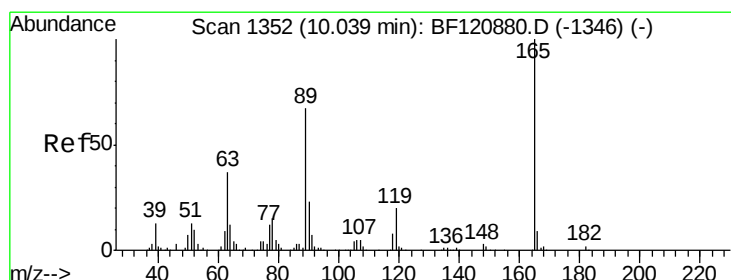
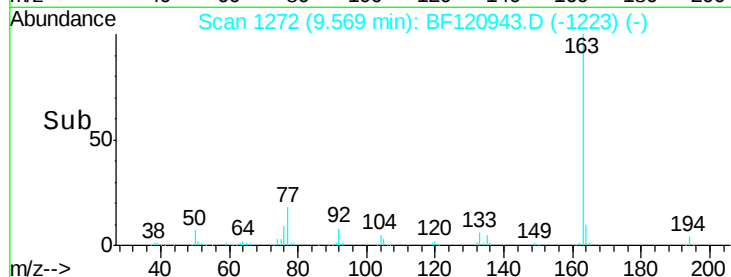
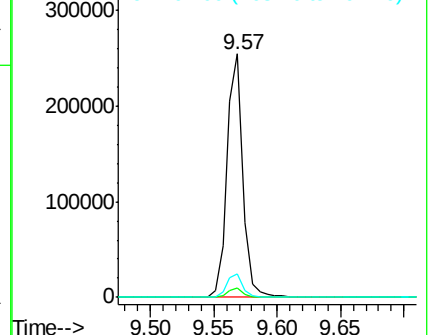
164 9.6 7.9 11.9



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: 6.309 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

Tgt Ion:165 Resp: 52148

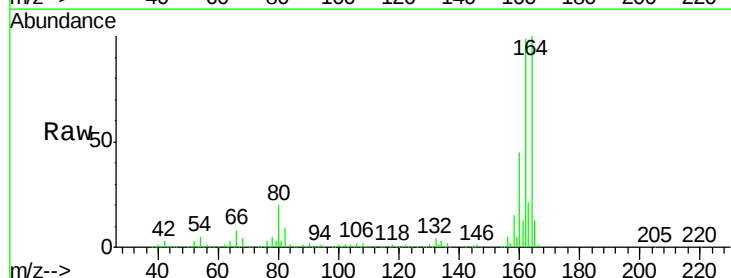
Ion Ratio Lower Upper

165 100

63 1.0 29.4 44.2#

89 1.2 53.4 80.0#

182 0.0 1.8 2.6#

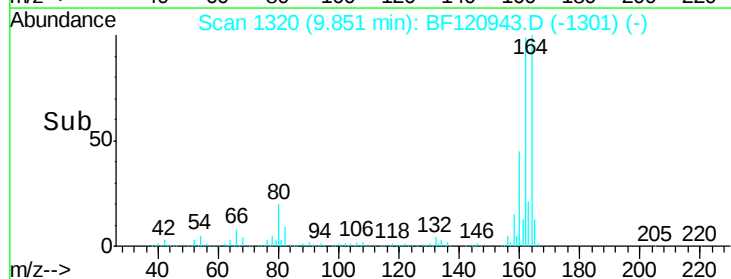
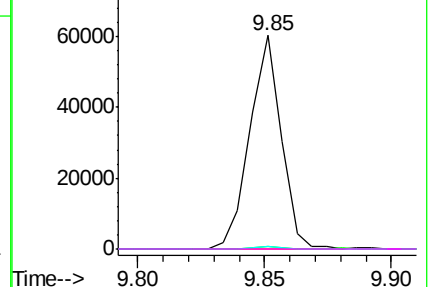


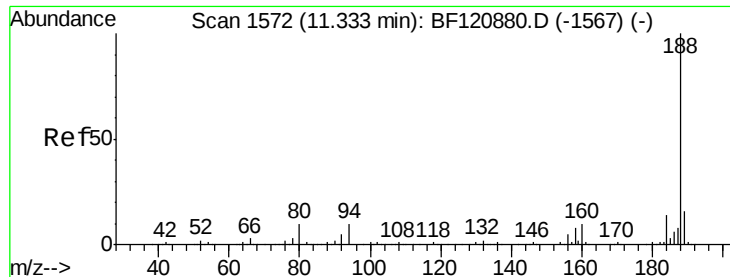
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF120943.D

Acq: 20 Jul 2020 20:15

Instrument :

BNA_F

ClientSampleId :

NB-08-071720

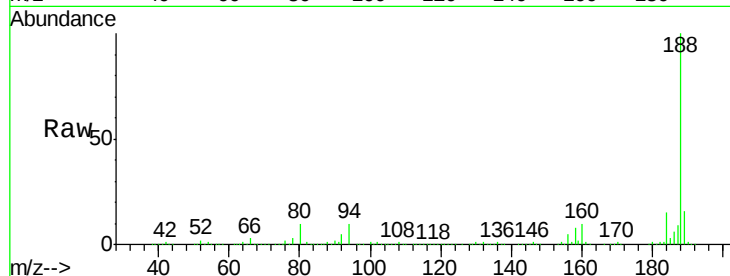
Tot Ion:188 Resp: 780474

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

80 10.5 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

1200000

800000

600000

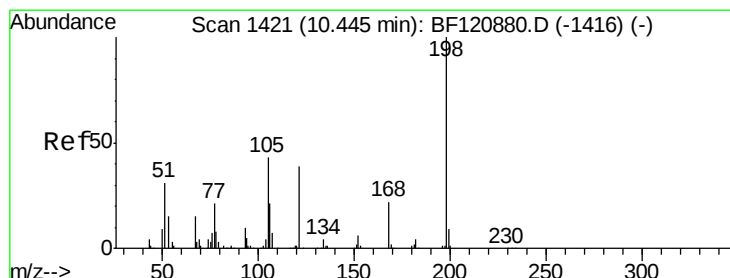
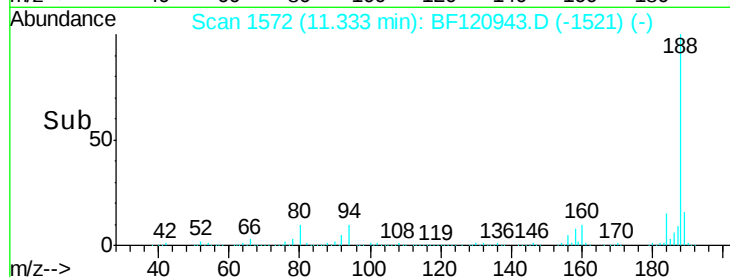
400000

200000

0

11.30 11.35

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 4.033 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120943.D

Acq: 20 Jul 2020 20:15

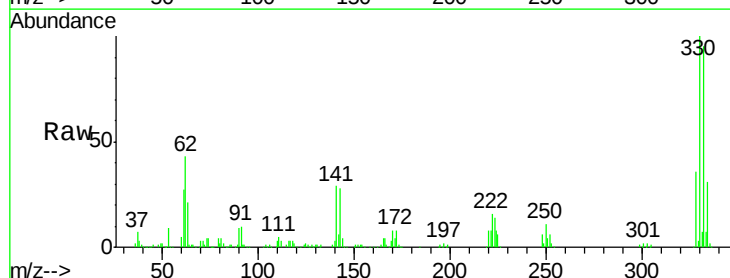
Tgt Ion:198 Resp: 933

Ion Ratio Lower Upper

198 100

51 144.7 19.5 59.5#

105 177.2 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

2500

2000

1500

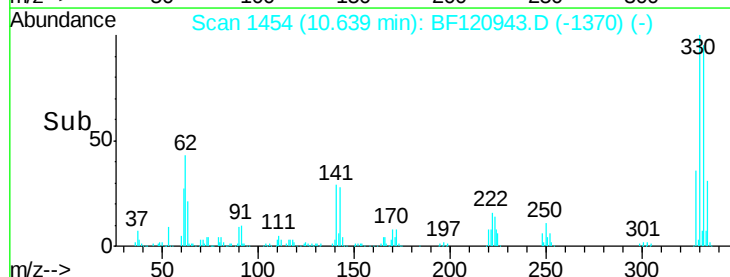
1000

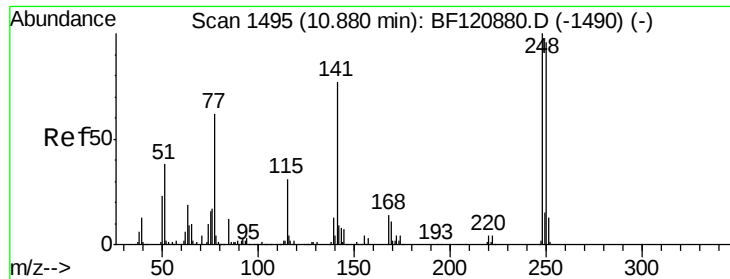
500

0

10.62 10.64 10.66

Time-->

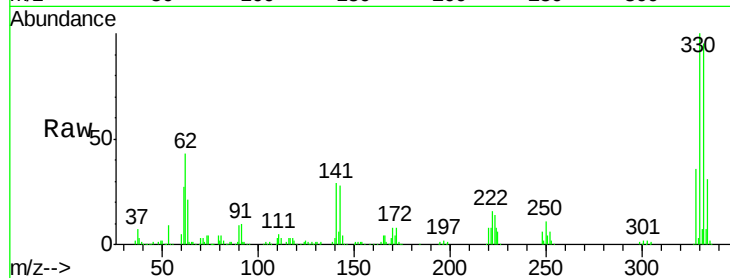




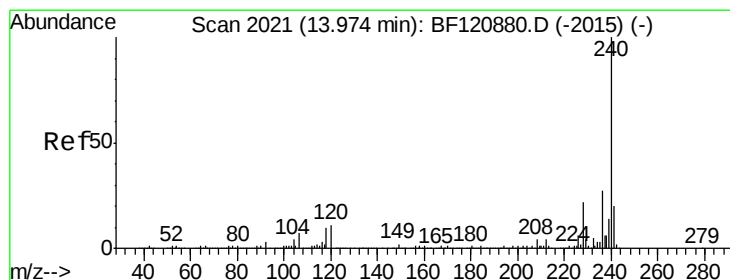
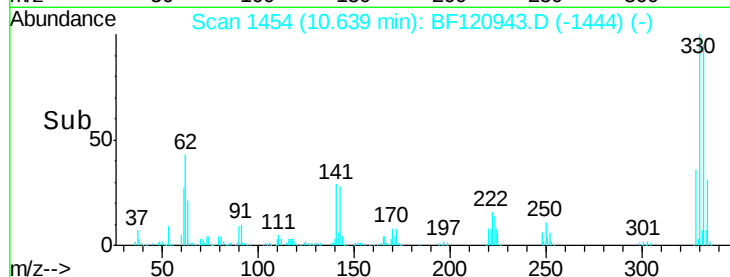
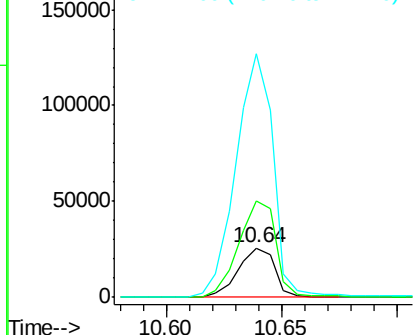
#67
 4-Bromophenyl-phenylether
 Concen: 3.260 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071720

Tot Ion:248 Resp: 28371
 Ion Ratio Lower Upper
 248 100
 250 194.6 77.1 115.7#
 141 492.0 61.2 91.8#

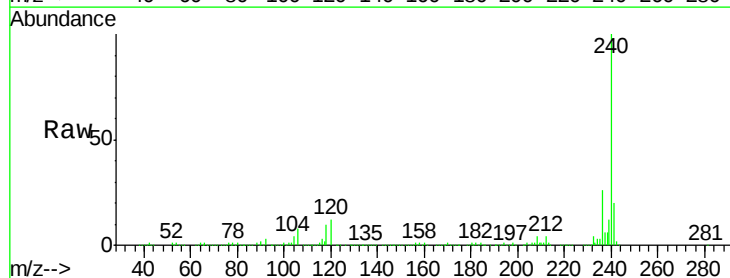


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

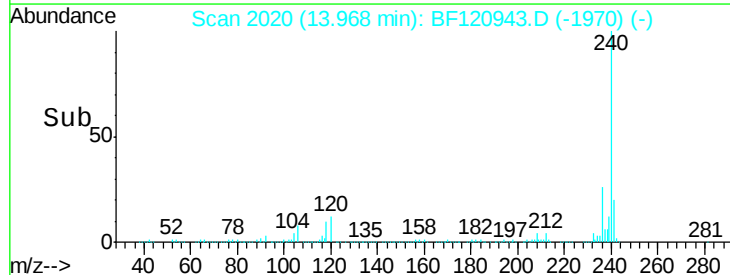
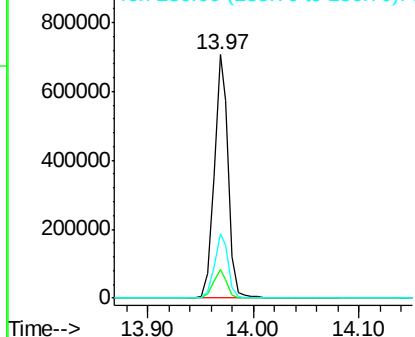


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Tgt Ion:240 Resp: 663708
 Ion Ratio Lower Upper
 240 100
 120 11.8 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

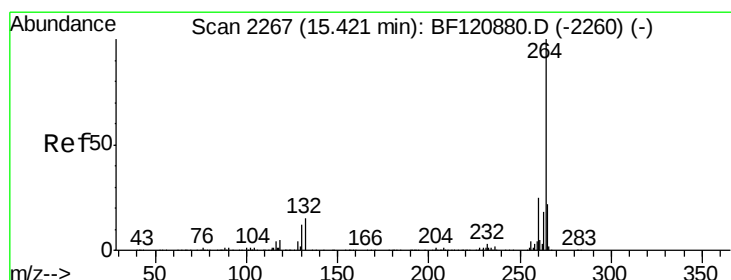
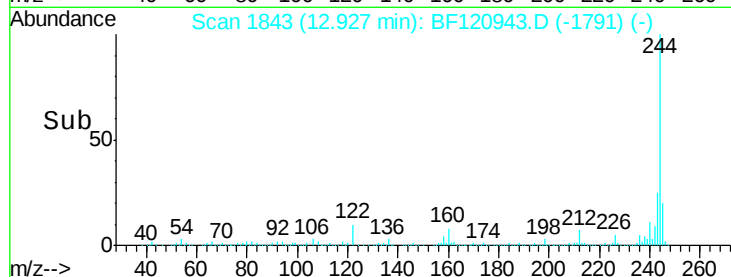
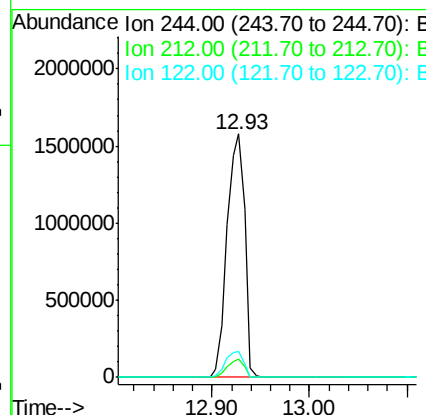
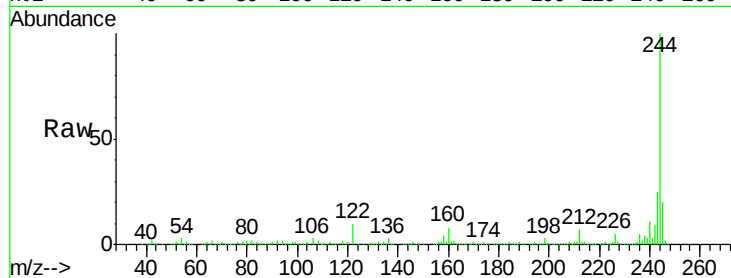




#79
 Terphenyl-d14
 Concen: 64.559 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-071720

Tot Ion:244 Resp: 1971149
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120943.D
 Acq: 20 Jul 2020 20:15

Tgt Ion:264 Resp: 557677
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 21.6 17.4 26.2

