

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120917.D
 Acq On : 17 Jul 2020 12:31
 Operator : JU/CG
 Sample : L3308-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24

Quant Time: Jul 17 12:54:58 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

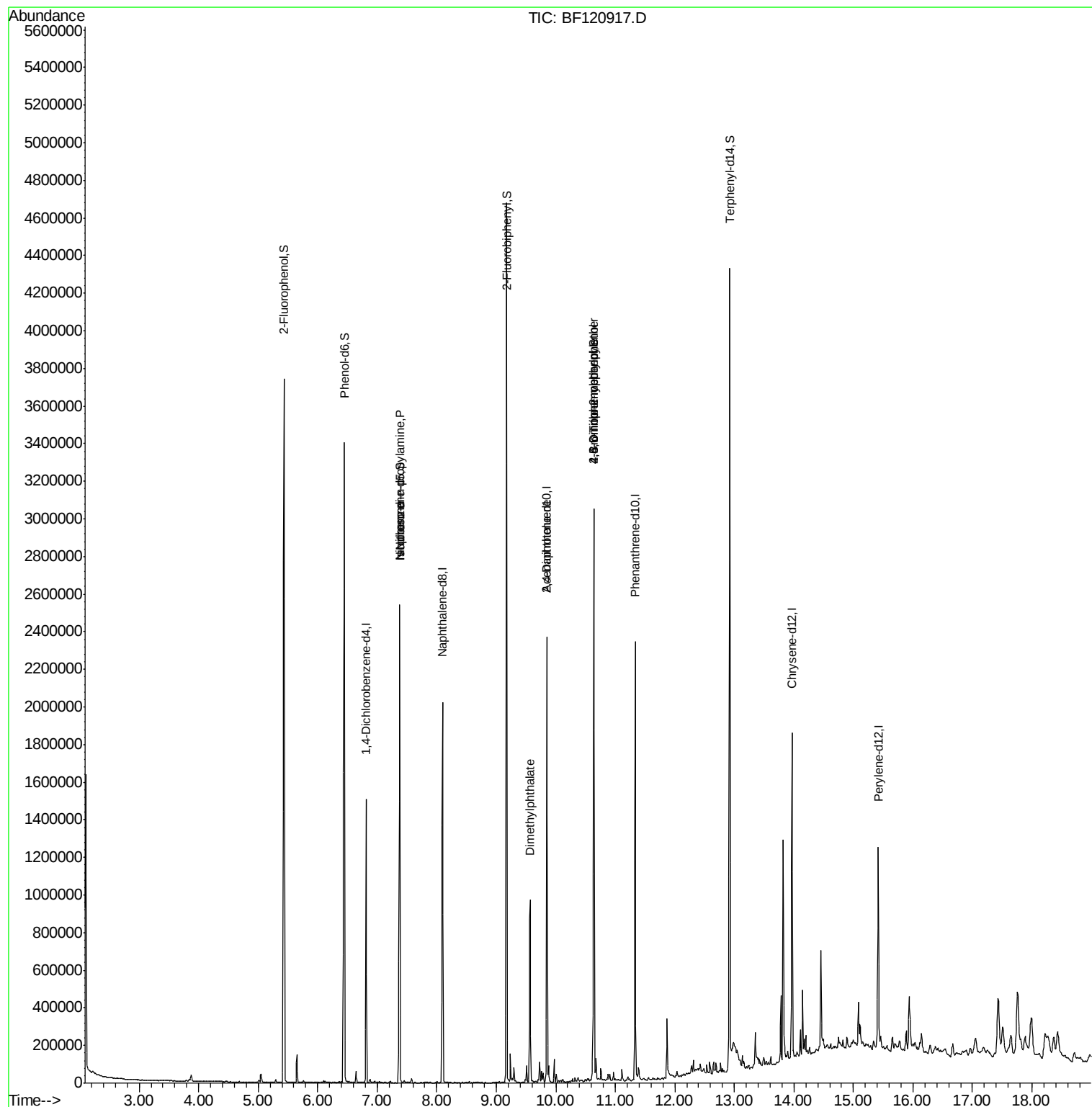
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	222871	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	868188	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	460453	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	858733	20.00	ng	0.00
76) Chrysene-d12	13.97	240	554003	20.00	ng	0.00
86) Perylene-d12	15.42	264	479084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1210364	89.03	ng	0.01
7) Phenol-d6	6.45	99	1517611	86.42	ng	0.00
23) Nitrobenzene-d5	7.38	82	932936	62.18	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	451696	89.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1620451	52.54	ng	0.00
79) Terphenyl-d14	12.93	244	1593686	62.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1025	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	123458	12.363 ng	#	79
25) Isophorone	7.38	82	928611	31.011 ng	#	63
50) Dimethylphthalate	9.57	163	399329	12.021 ng		100
57) 2,4-Dinitrotoluene	9.85	165	59561	6.355 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	1043	4.036 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	25831	2.698 ng	#	1

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

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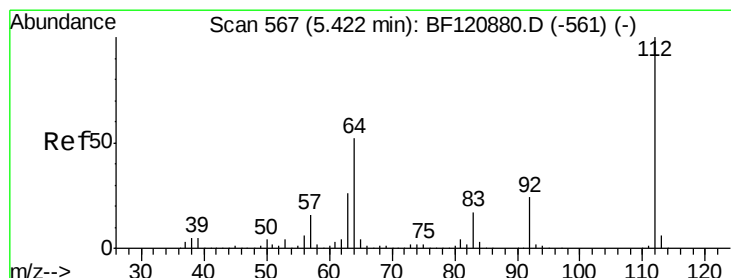
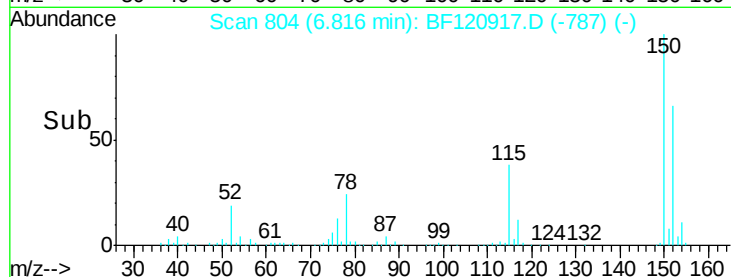
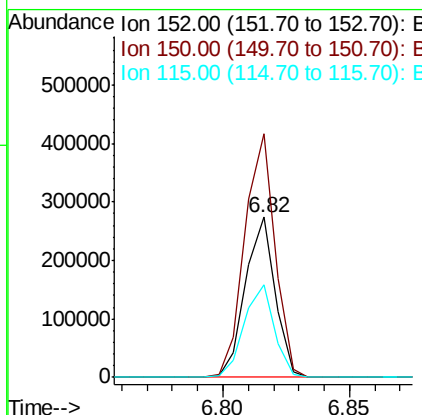
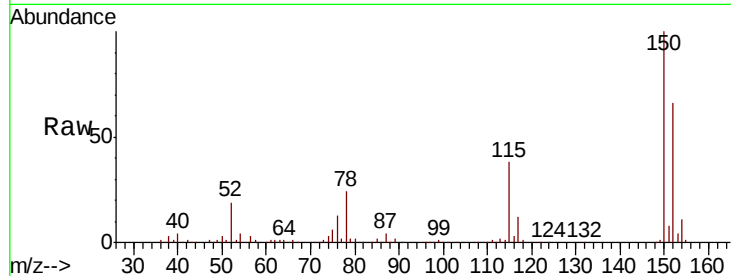


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

Instrument :
BNA_F
ClientSampled :
24

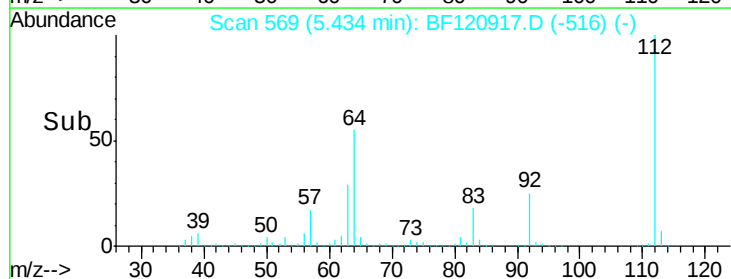
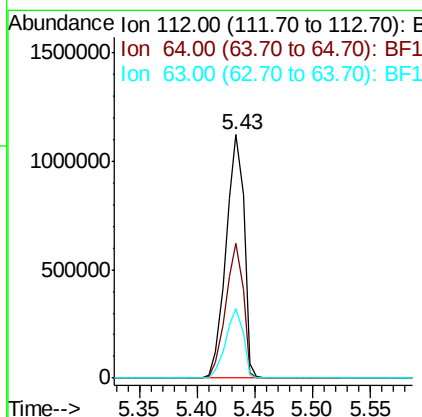
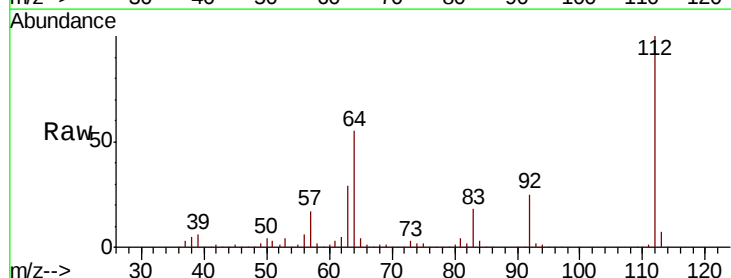
Tot Ion:152 Resp: 222871
Ion Ratio Lower Upper
152 100
150 152.3 125.0 187.6
115 57.6 47.0 70.4

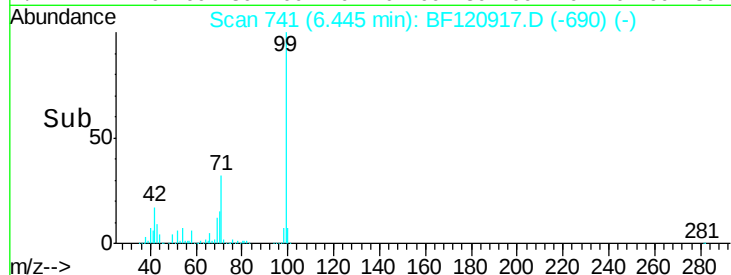
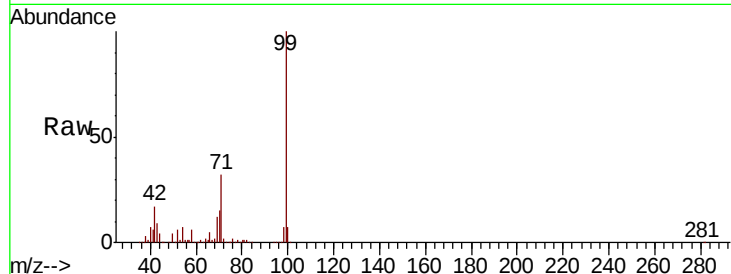
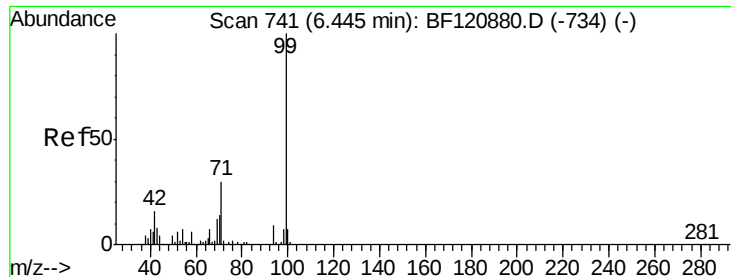


#5

2-Fluorophenol
Concen: 89.030 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

Tgt Ion:112 Resp: 1210364
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.6 21.1 31.7





#7

Phenol-d6

Concen: 86.418 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120917.D

Acq: 17 Jul 2020 12:31

Instrument :

BNA_F

ClientSampleId :

24

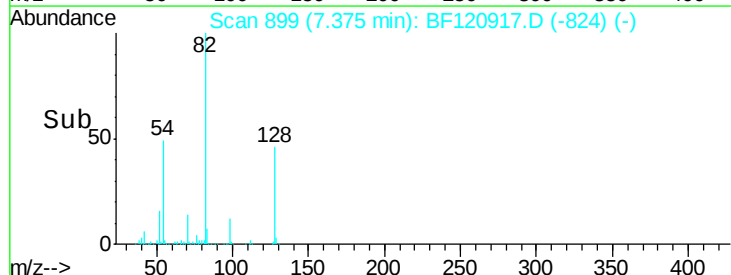
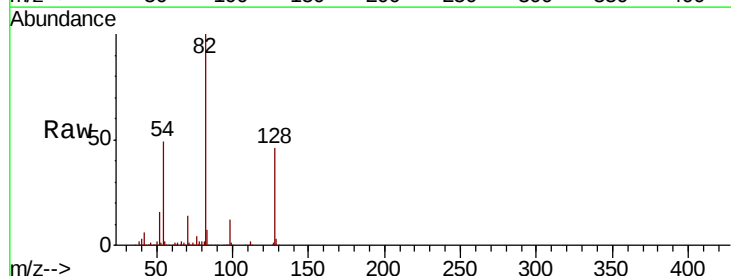
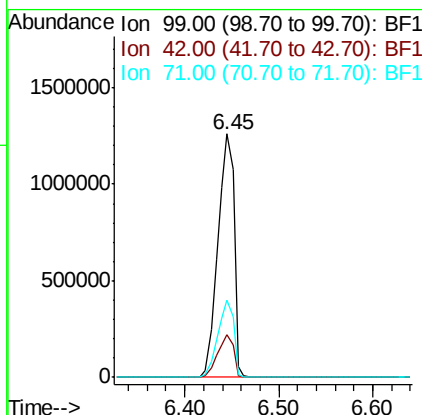
Tot Ion: 99 Resp: 1517611

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 31.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.363 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120917.D

Acq: 17 Jul 2020 12:31

Tgt Ion: 70 Resp: 123458

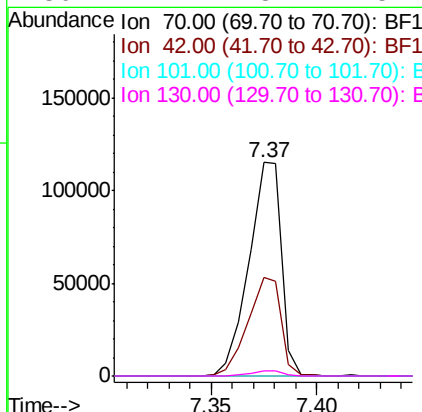
Ion Ratio Lower Upper

70 100

42 46.4 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: BF120917.D

Acq: 17 Jul 2020 12:31

Instrument :

BNA_F

ClientSampleId :

24

Tot Ion:136 Resp: 868188

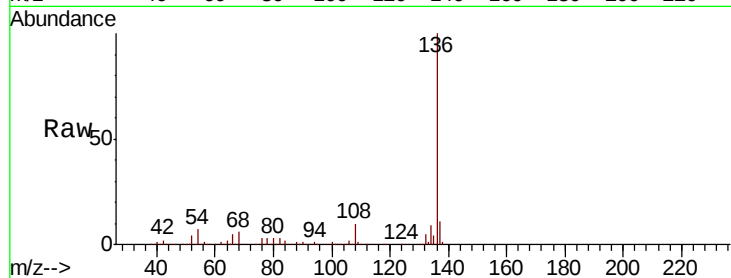
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.4 6.3 9.5

68 5.9 5.0 7.4

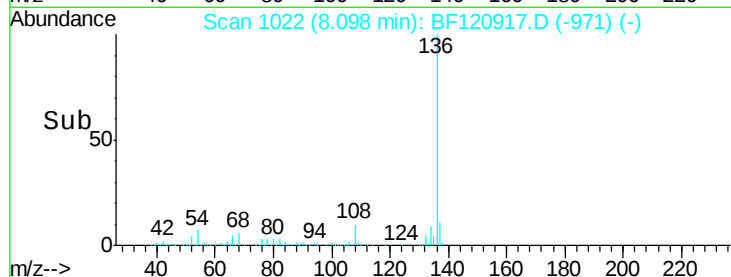


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->



#23

Nitrobenzene-d5

Concen: 62.178 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120917.D

Acq: 17 Jul 2020 12:31

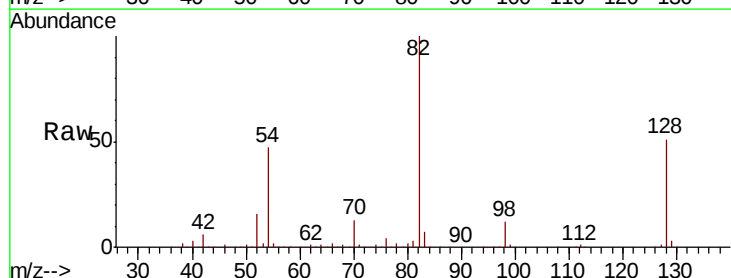
Tgt Ion: 82 Resp: 932936

Ion Ratio Lower Upper

82 100

128 50.7 38.2 57.4

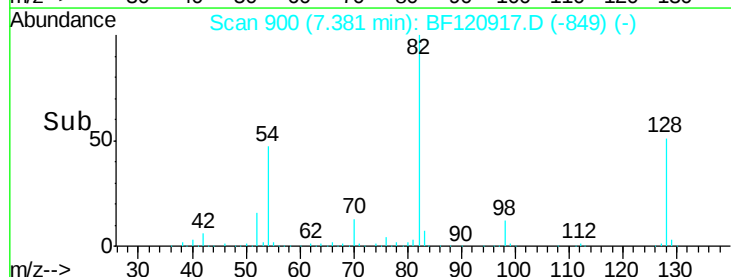
54 47.3 38.7 58.1



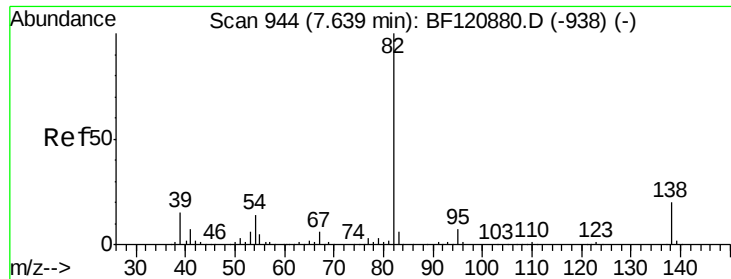
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



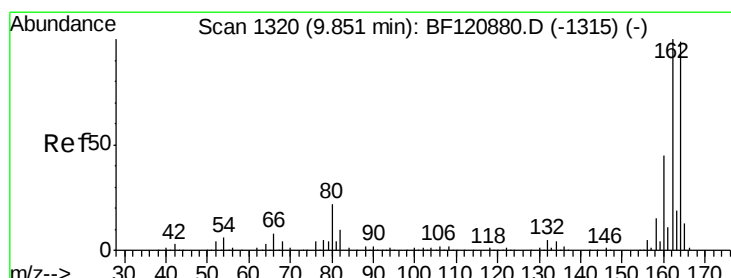
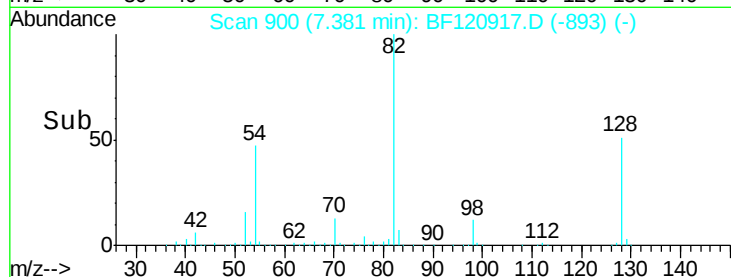
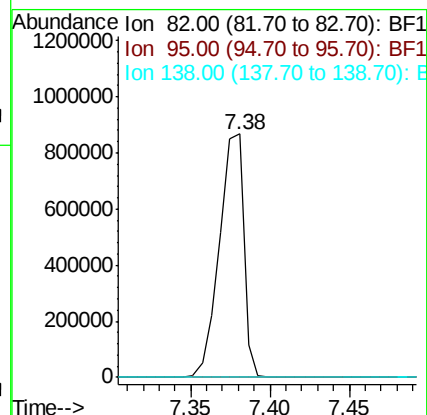
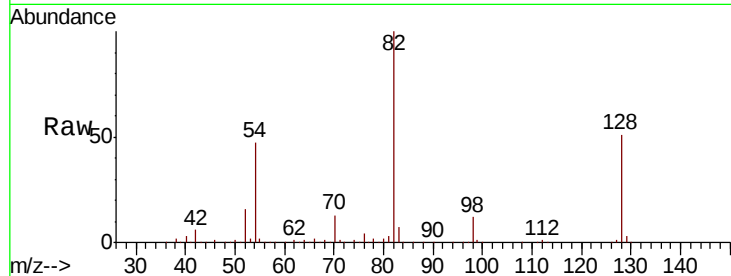
Time-->



#25
Isophorone
Concen: 31.011 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

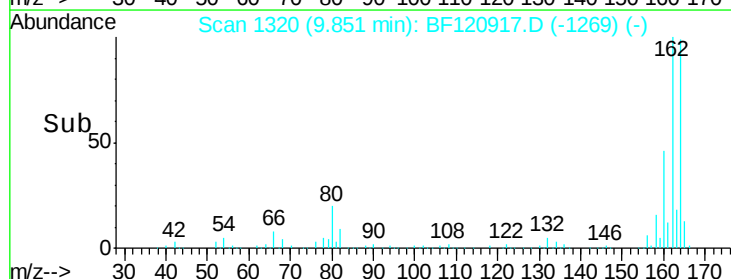
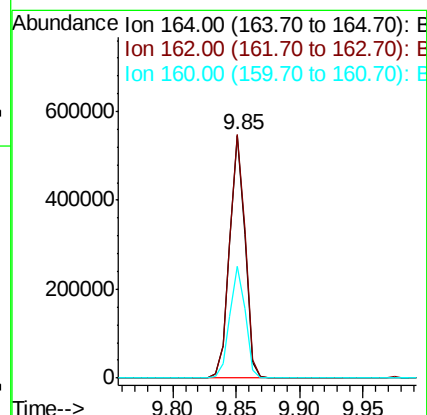
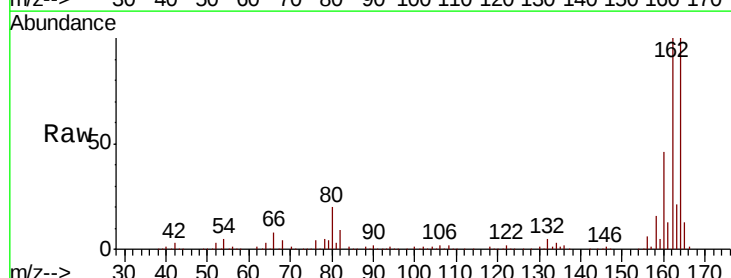
Instrument :
BNA_F
ClientSampleId :
24

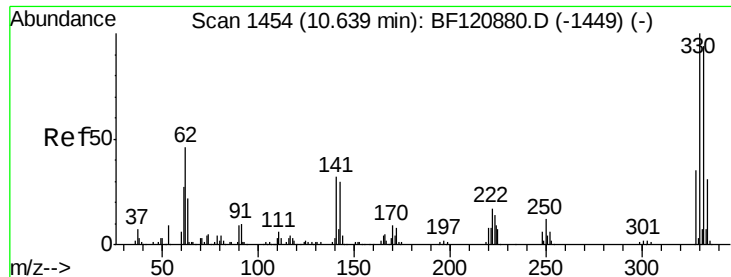
Tot Ion: 82 Resp: 928611
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

Tgt Ion:164 Resp: 460453
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 46.3 36.9 55.3

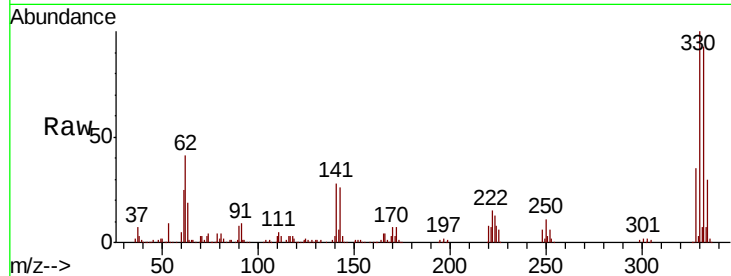




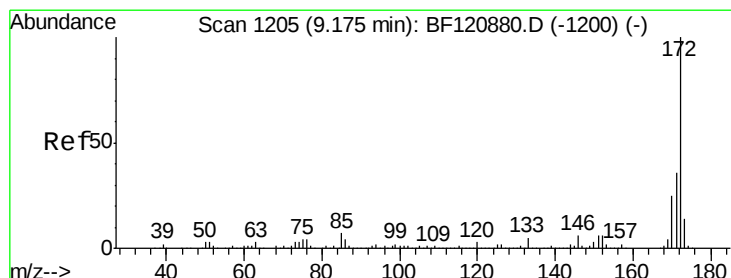
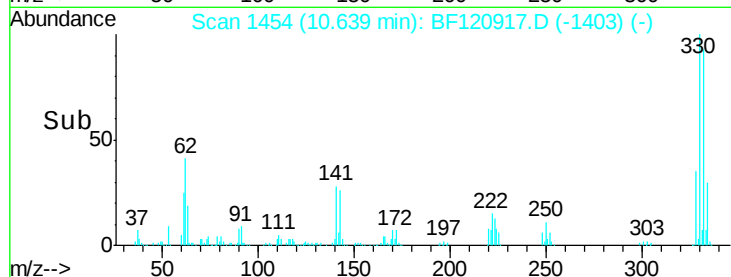
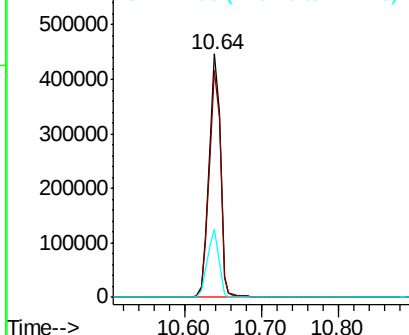
#42
 2,4,6-Tribromophenol
 Concen: 89.620 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :
 24

Tot Ion:330 Resp: 451696
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.5 113.3
 141 28.7 25.7 38.5

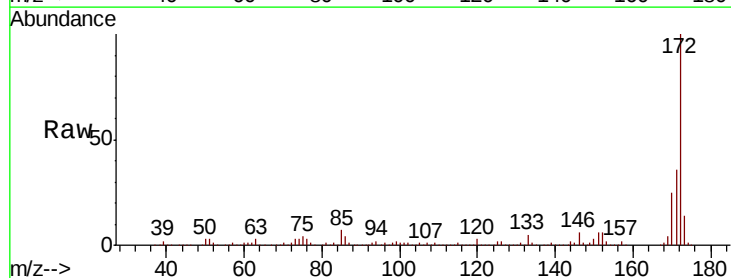


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

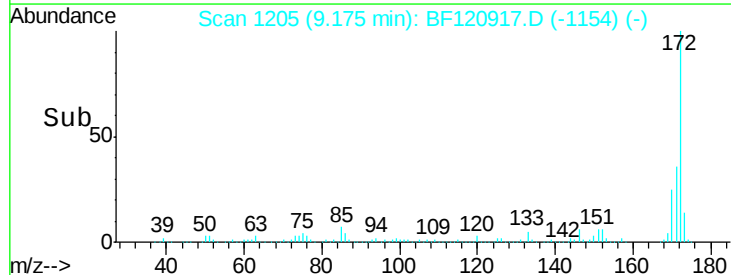
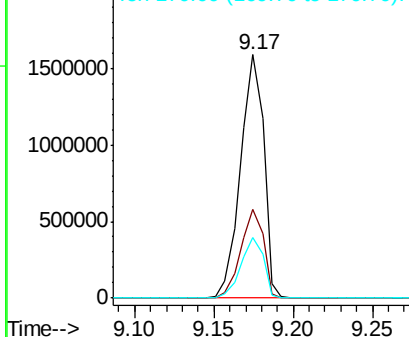


#45
 2-Fluorobiphenyl
 Concen: 52.544 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

Tgt Ion:172 Resp: 1620451
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.9 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

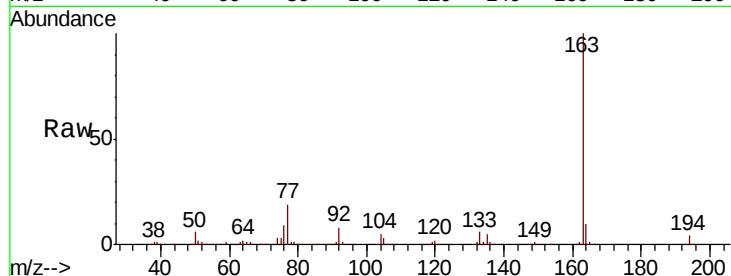




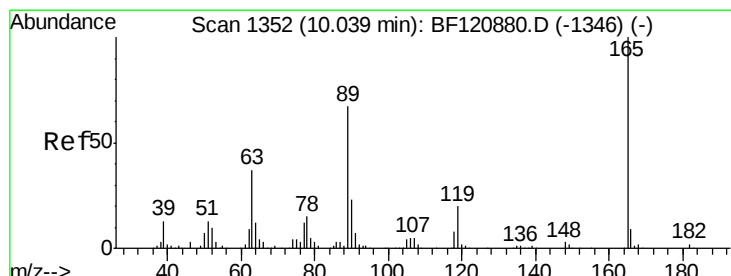
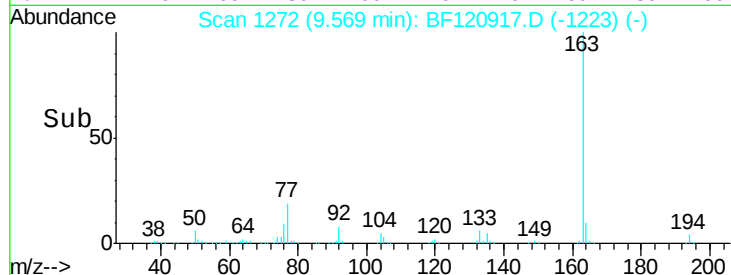
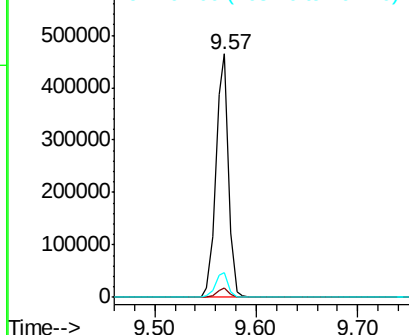
#50
Dimethylphthalate
Concen: 12.021 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

Instrument :
BNA_F
ClientSampleId :
24

Tot Ion:163 Resp: 399329
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 7.9 11.9

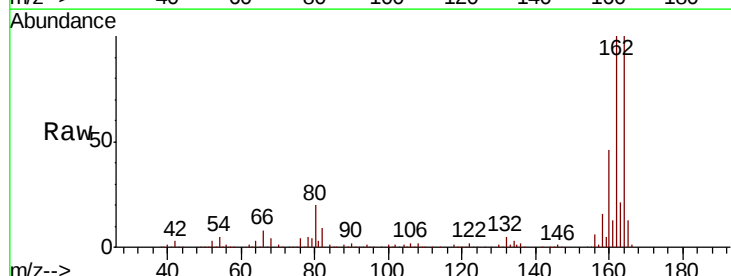


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

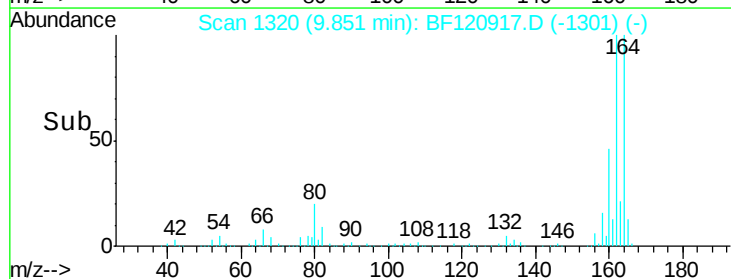
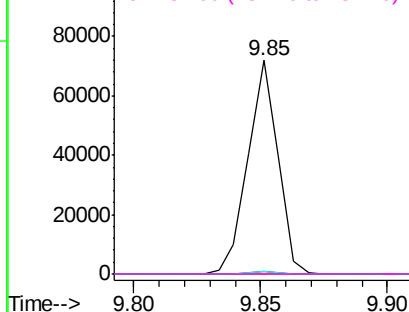


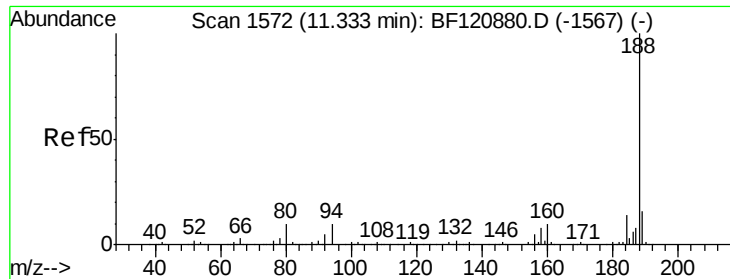
#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120917.D
Acq: 17 Jul 2020 12:31

Tgt Ion:165 Resp: 59561
Ion Ratio Lower Upper
165 100
63 0.9 29.4 44.2#
89 1.4 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

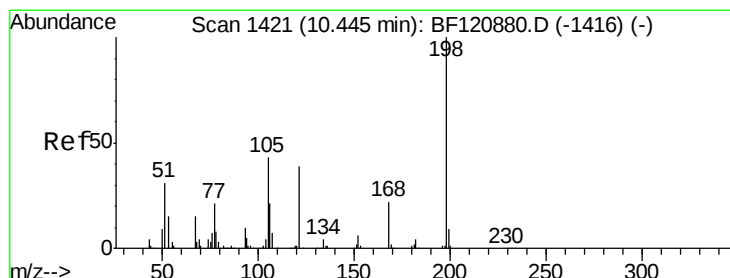
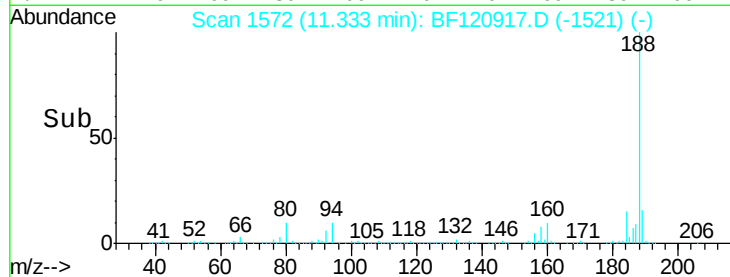
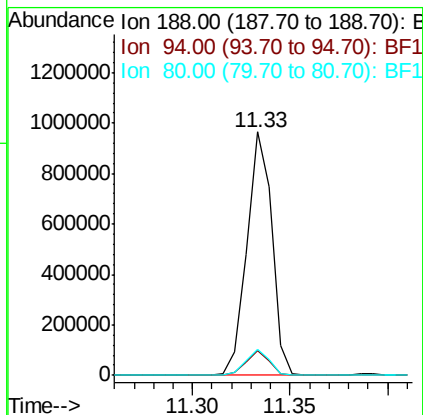
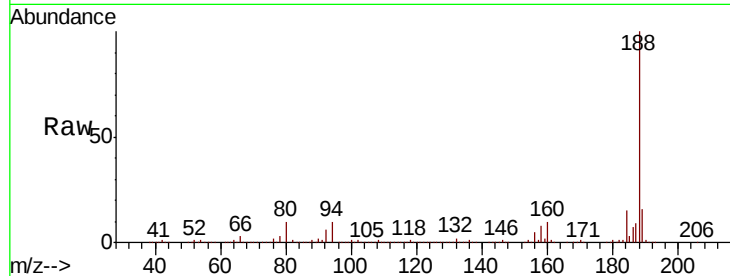




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

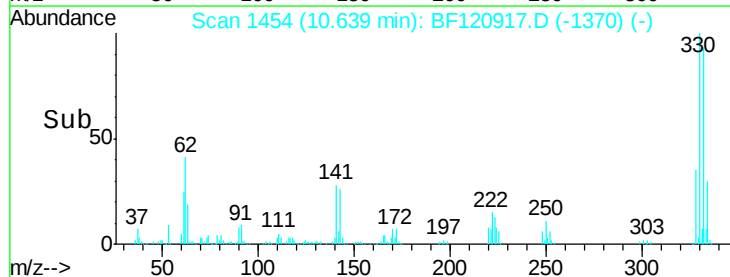
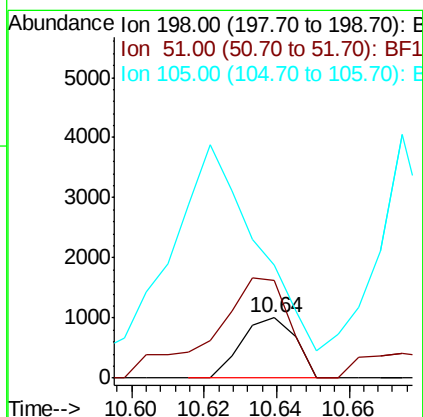
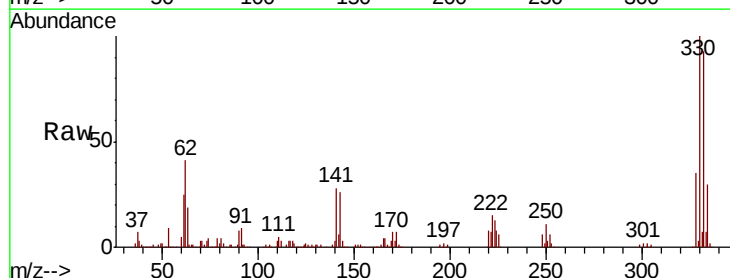
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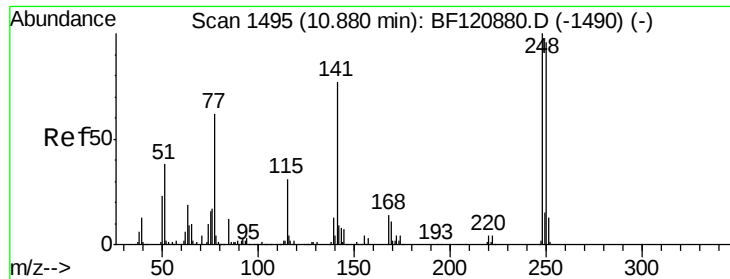
Tot Ion:188 Resp: 858733
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.0 12.0
 80 10.5 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.036 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

Tgt Ion:198 Resp: 1043
 Ion Ratio Lower Upper
 198 100
 51 162.7 19.5 59.5#
 105 187.7 24.4 64.4#

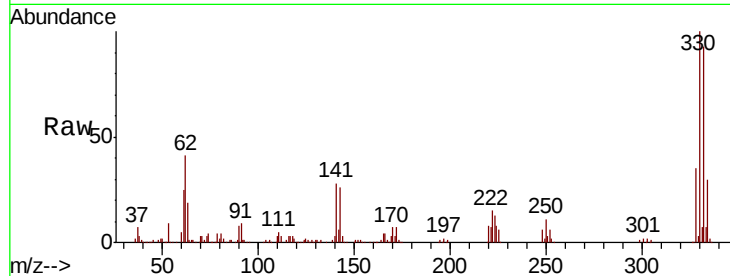




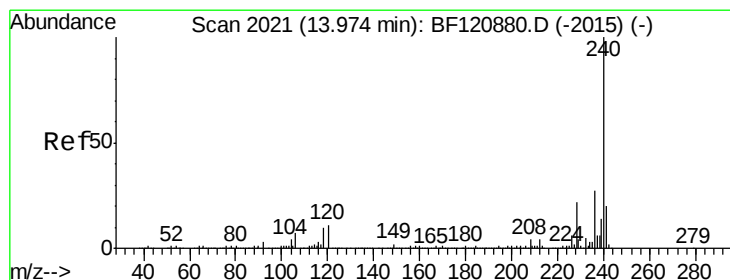
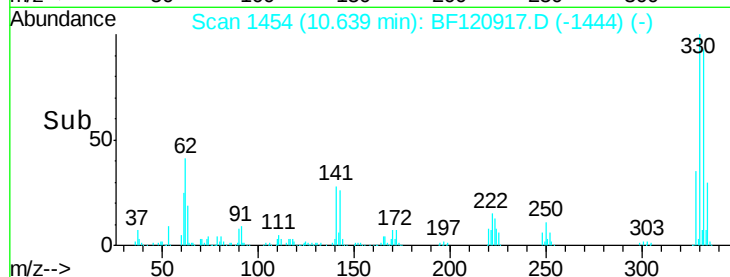
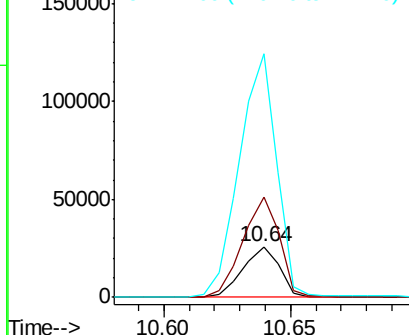
#67
 4-Bromophenyl-phenylether
 Concen: 2.698 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :
 24

Tot Ion:248 Resp: 25831
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.1 115.7#
 141 480.9 61.2 91.8#

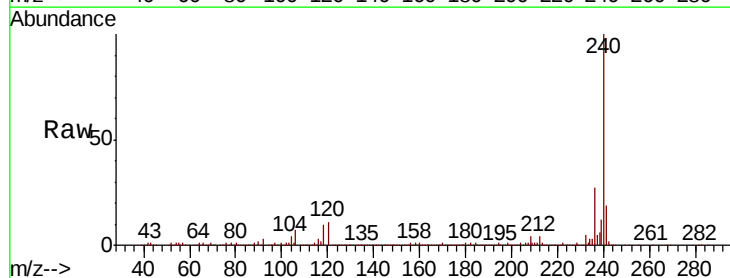


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

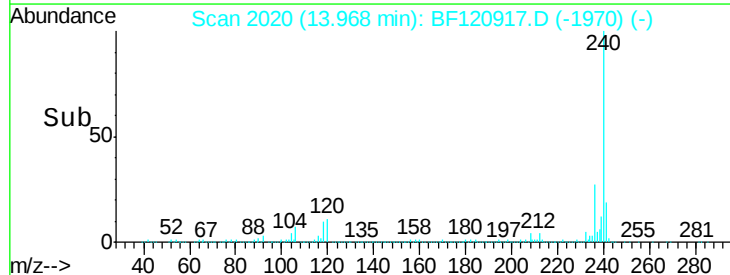
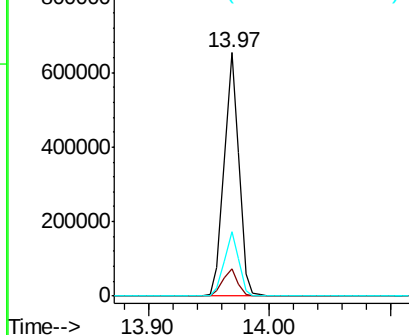


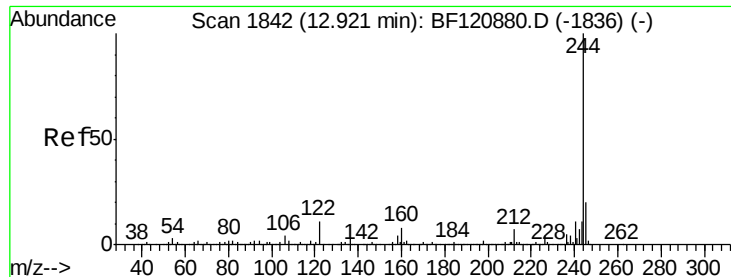
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120917.D
 Acq: 17 Jul 2020 12:31

Tgt Ion:240 Resp: 554003
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.4
 236 26.7 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: 62.533 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120917.D

Acq: 17 Jul 2020 12:31

Instrument :

BNA_F

ClientSampleId :

24

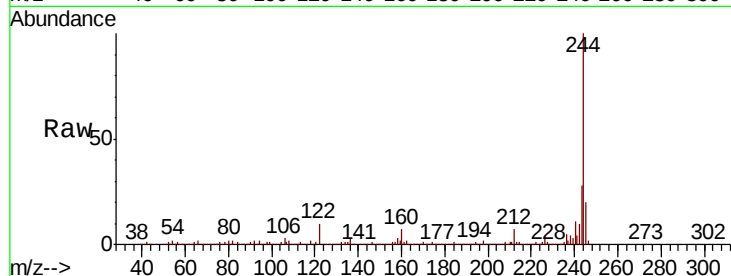
Tot Ion:244 Resp: 1593686

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

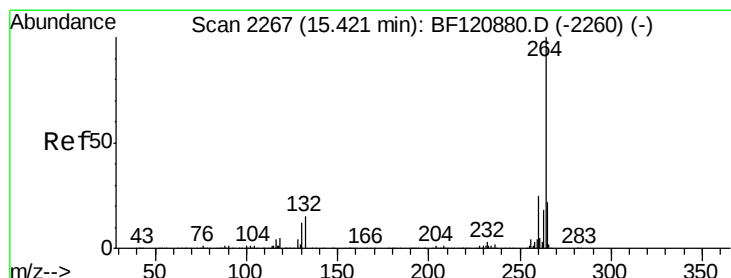
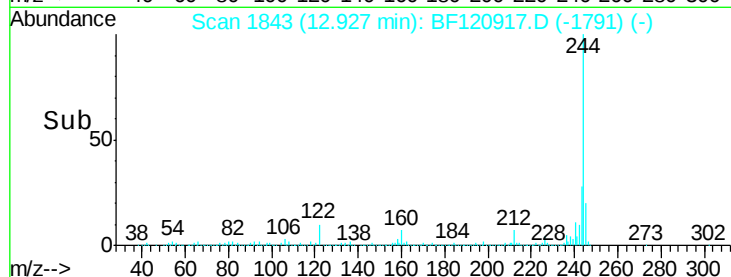
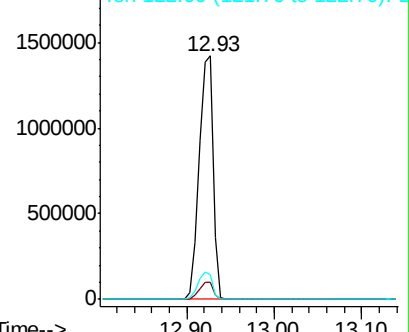
122 10.4 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120917.D

Acq: 17 Jul 2020 12:31

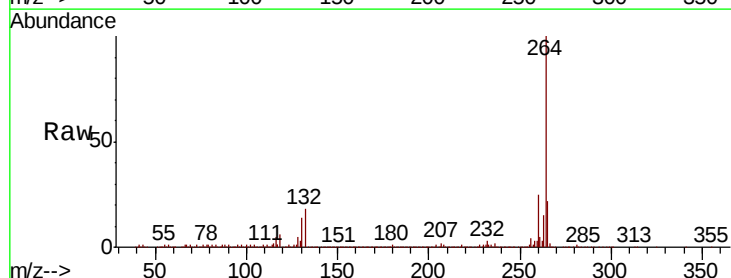
Tgt Ion:264 Resp: 479084

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.8 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

