

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120450.D
 Acq On : 29 May 2020 20:17
 Operator : MA/SJ
 Sample : L2790-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 00:39:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

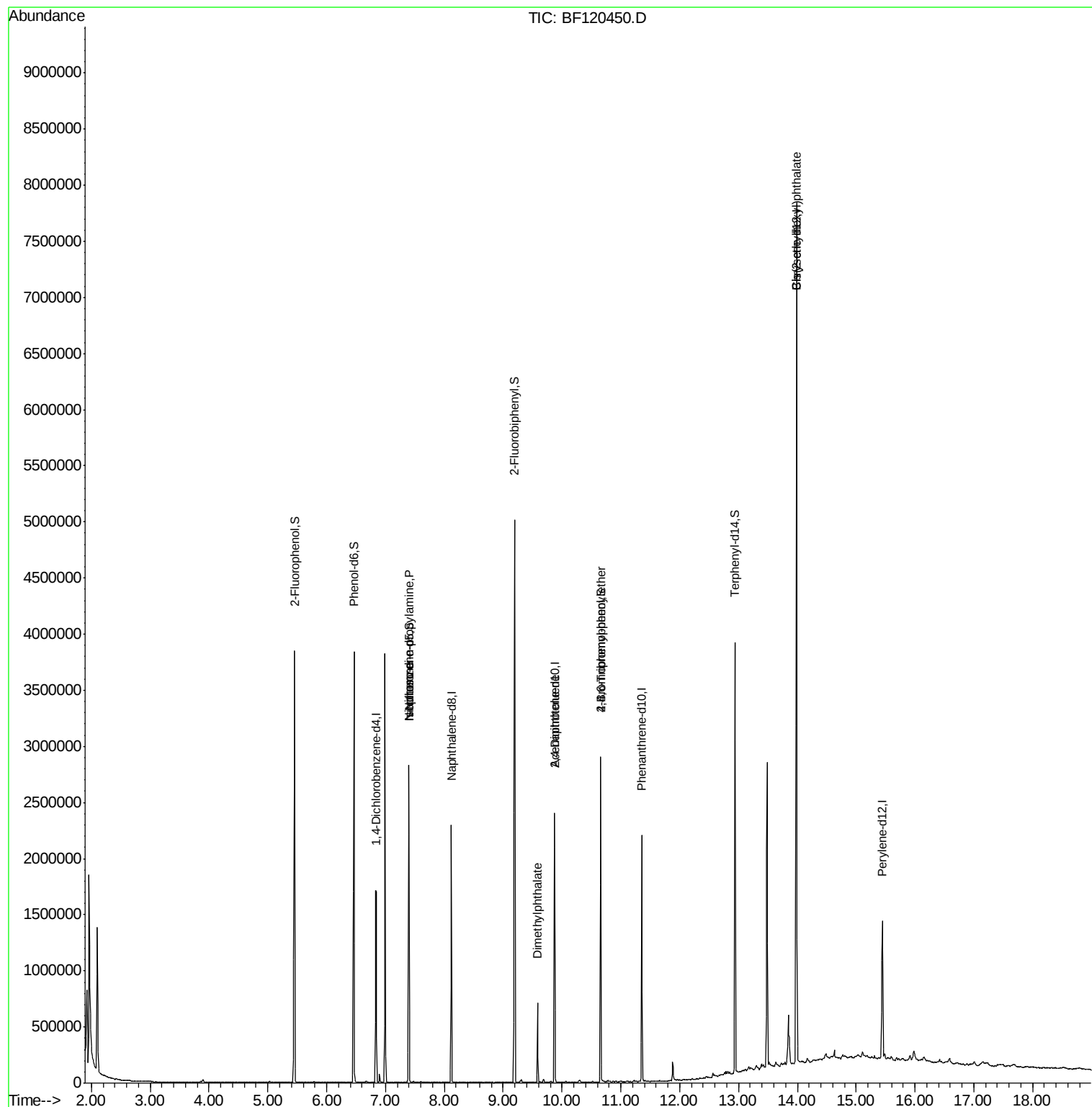
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	270709	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	994756	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	472164	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	735927	20.00	ng	0.00
76) Chrysene-d12	13.99	240	397539	20.00	ng	0.00
86) Perylene-d12	15.44	264	563008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1047475	73.74	ng	0.00
7) Phenol-d6	6.46	99	1342195	76.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	846217	55.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	333068	76.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1638150	58.87	ng	0.00
79) Terphenyl-d14	12.94	244	1342483	75.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	110920	9.966	ng	# 77
25) Isophorone	7.40	82	844209	27.620	ng	# 64
50) Dimethylphthalate	9.59	163	243491	8.249	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	61206	7.290	ng	# 22
67) 4-Bromophenyl-phenylether	10.66	248	20442	2.752	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.99	149	2240228	165.349	ng	# 97

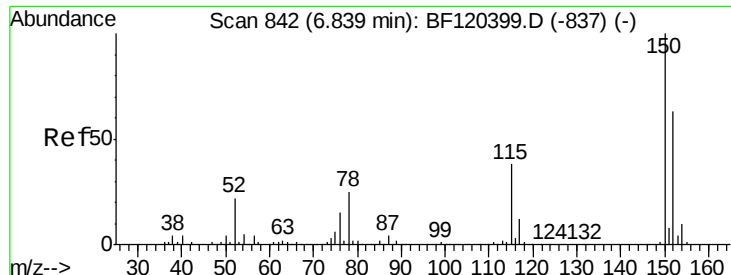
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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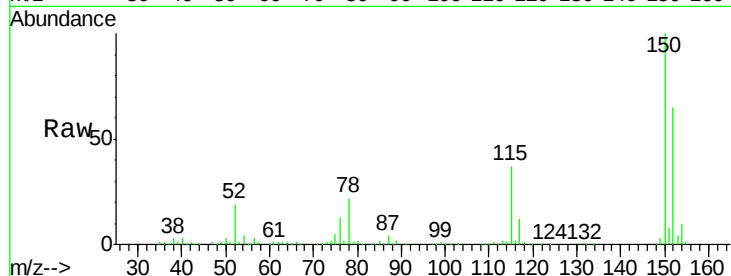


#1

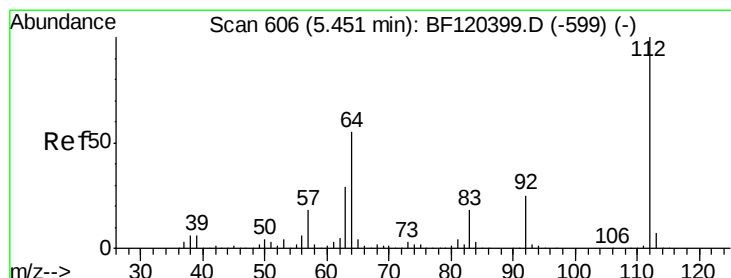
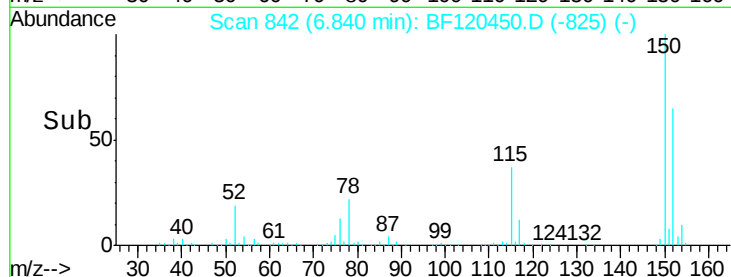
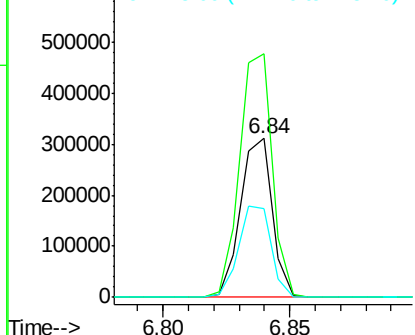
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 270709
Ion Ratio Lower Upper
152 100
150 153.6 126.5 189.7
115 56.2 47.6 71.4



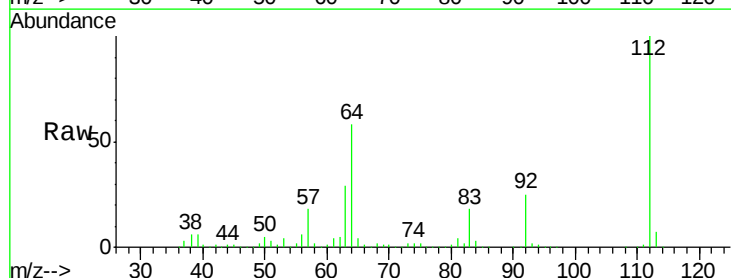
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



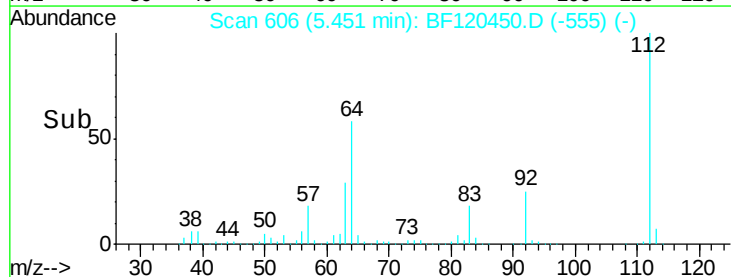
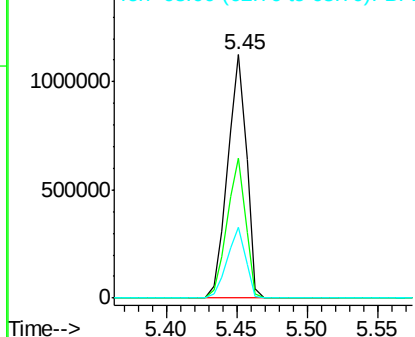
#5

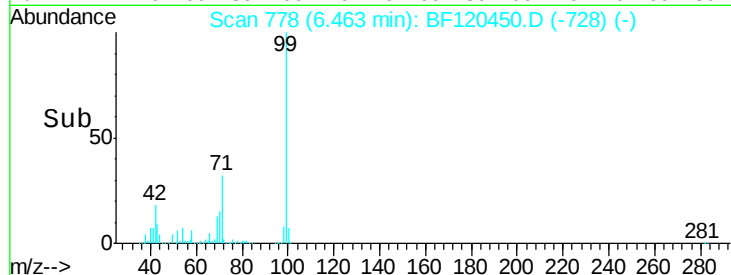
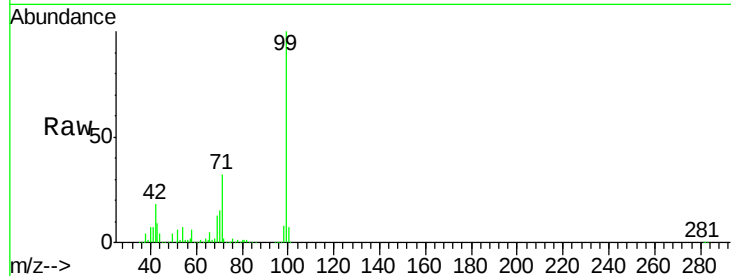
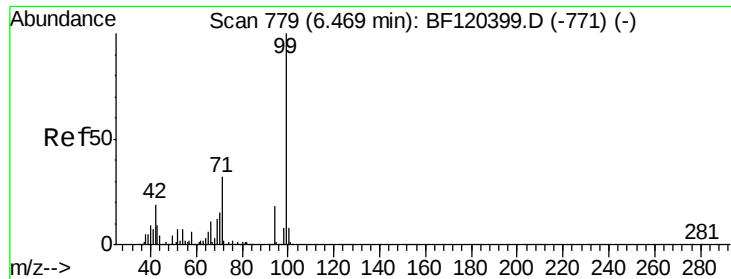
2-Fluorophenol
Concen: 73.741 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Tgt Ion:112 Resp: 1047475
Ion Ratio Lower Upper
112 100
64 57.6 44.3 66.5
63 29.2 22.9 34.3



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: 76.660 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Instrument :

BNA_F

ClientSampleId :

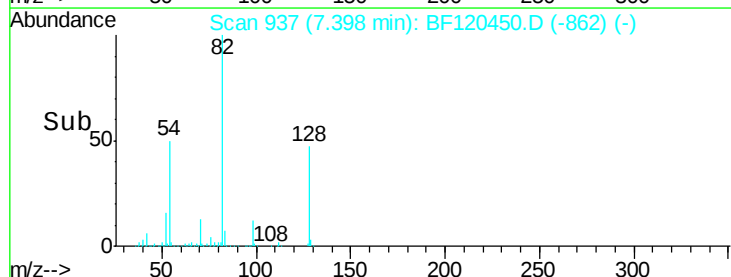
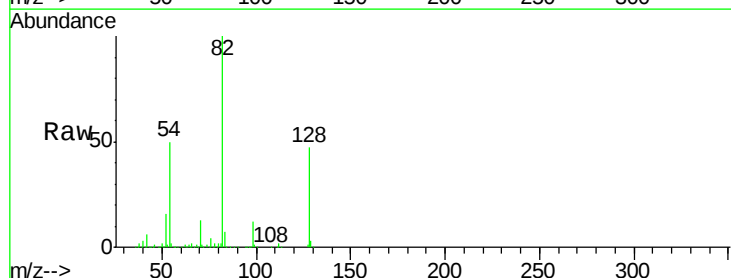
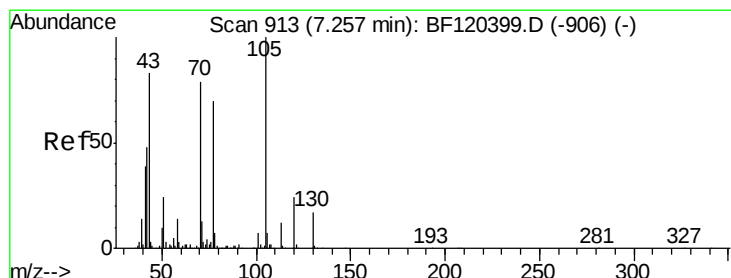
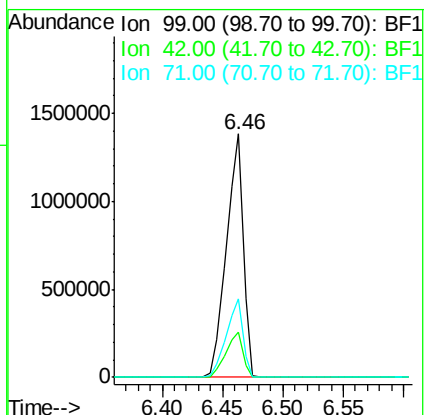
Tot Ion: 99 Resp: 1342195

Ion Ratio Lower Upper

99 100

42 18.5 15.2 22.8

71 32.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.966 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Tgt Ion: 70 Resp: 110920

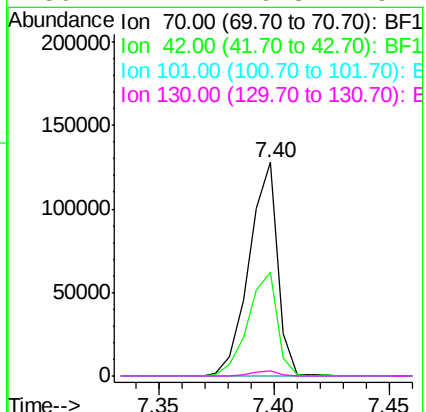
Ion Ratio Lower Upper

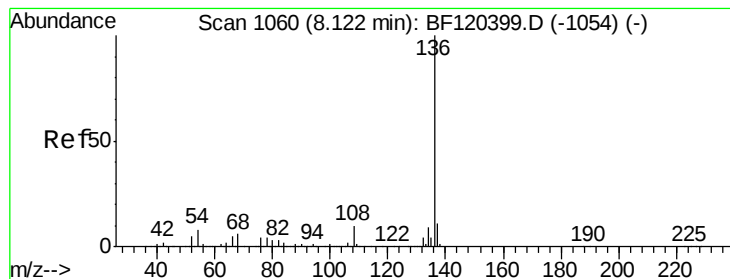
70 100

42 48.5 48.9 73.3#

101 0.0 7.4 11.2#

130 2.2 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 994756

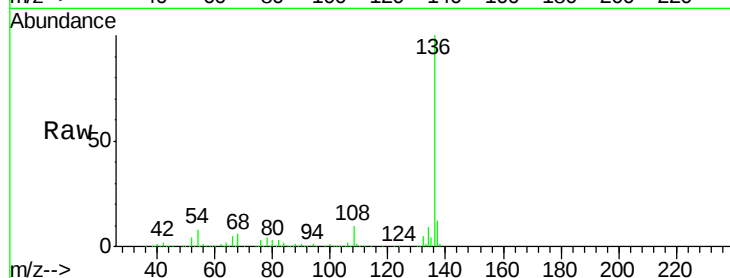
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.4 6.7 10.1

68 6.3 5.0 7.4

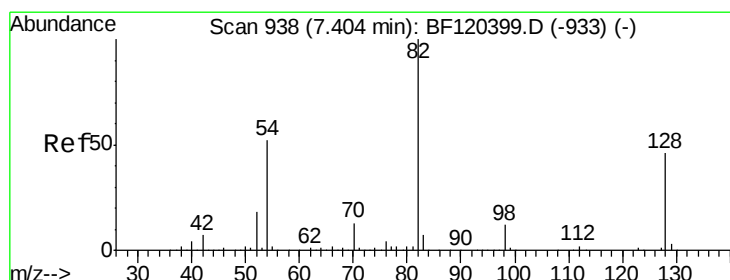
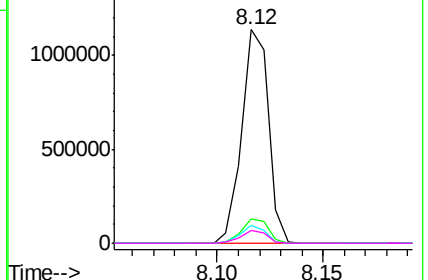
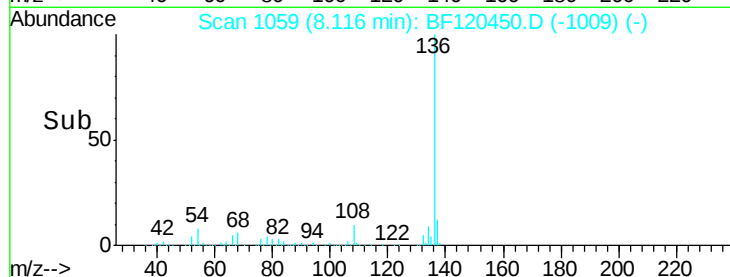


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.646 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

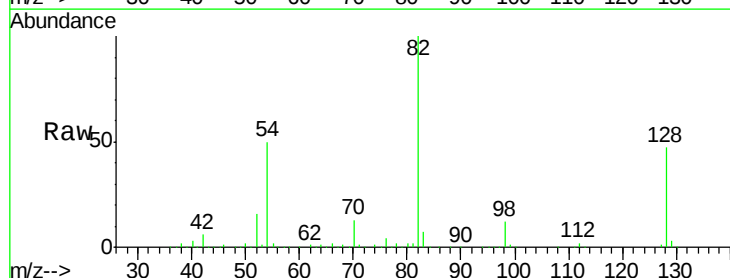
Tgt Ion: 82 Resp: 846217

Ion Ratio Lower Upper

82 100

128 47.1 36.8 55.2

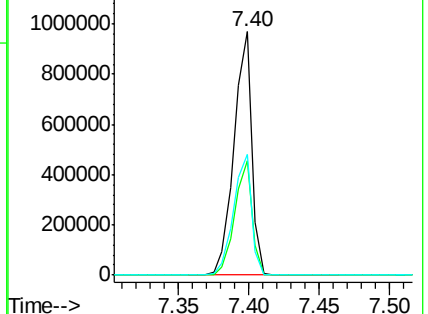
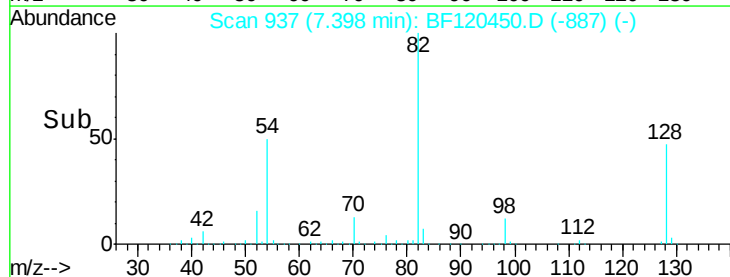
54 49.7 41.6 62.4



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: 27.620 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Instrument :

BNA_F

ClientSampleId :

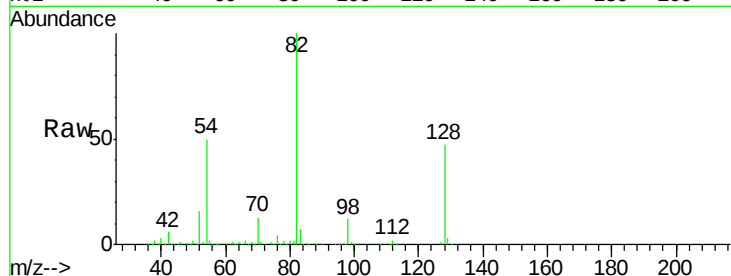
Tot Ion: 82 Resp: 844209

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

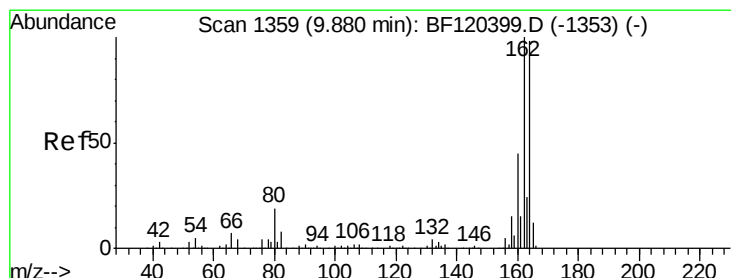
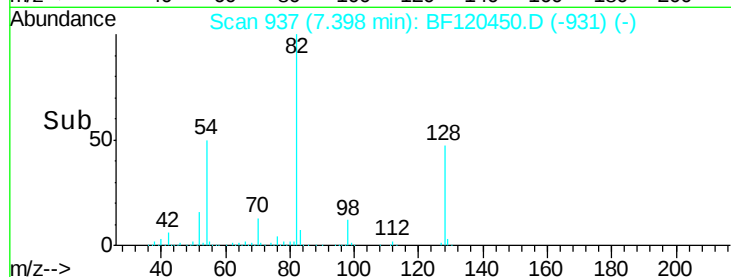
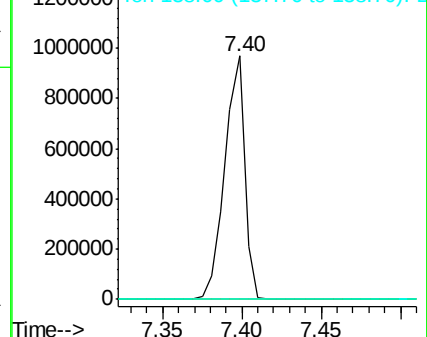
138 0.0 15.0 22.4#



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: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

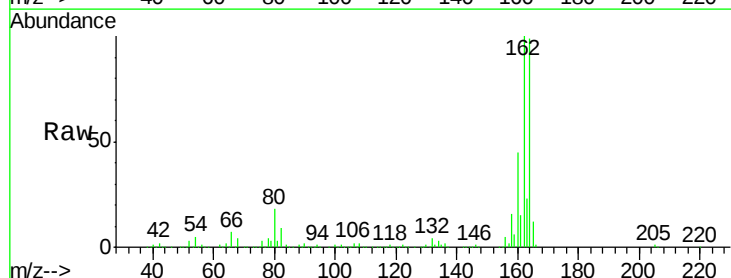
Tgt Ion: 164 Resp: 472164

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

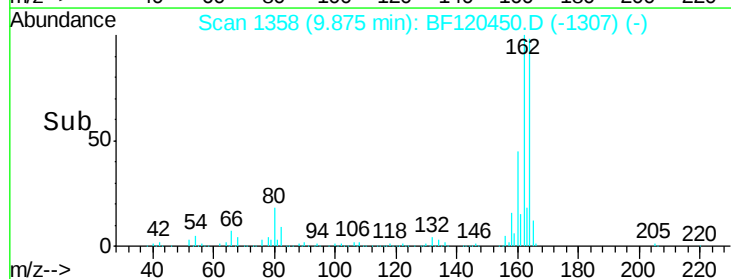
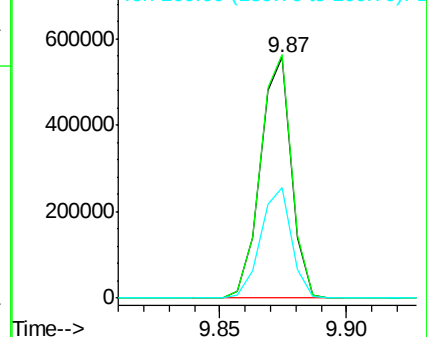
160 45.9 36.9 55.3



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: 76.133 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Instrument :

BNA_F

ClientSampleId :

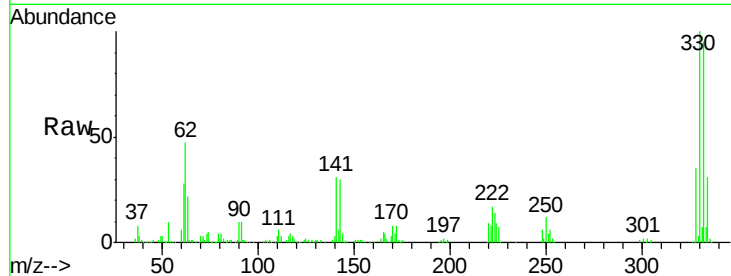
Tot Ion:330 Resp: 333068

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

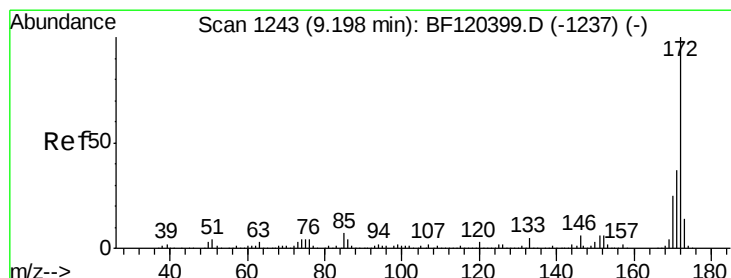
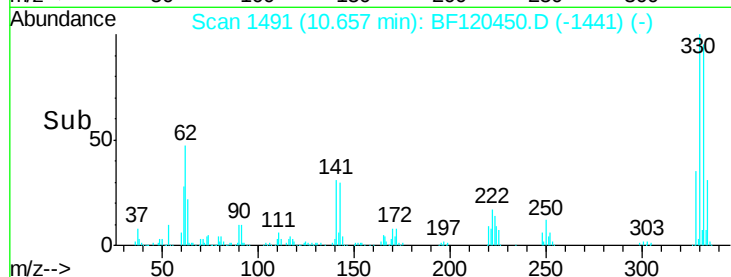
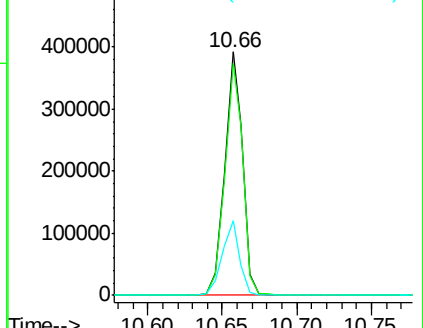
141 30.0 25.3 37.9



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: 58.866 ng

RT: 9.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

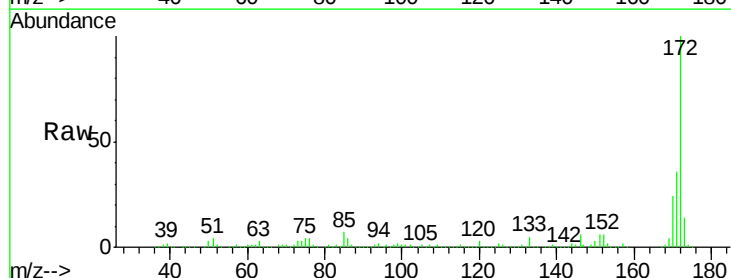
Tgt Ion:172 Resp: 1638150

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

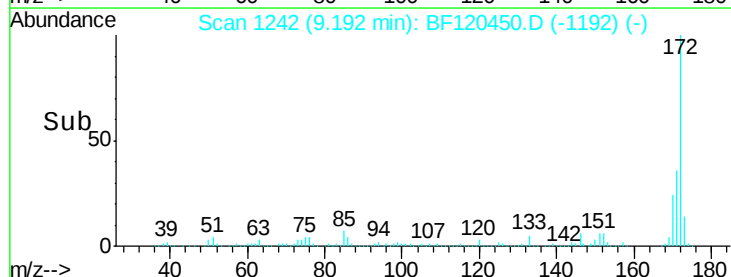
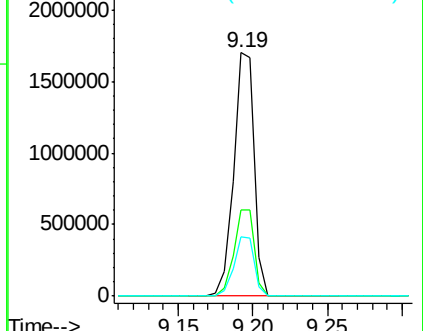
170 24.4 19.9 29.9

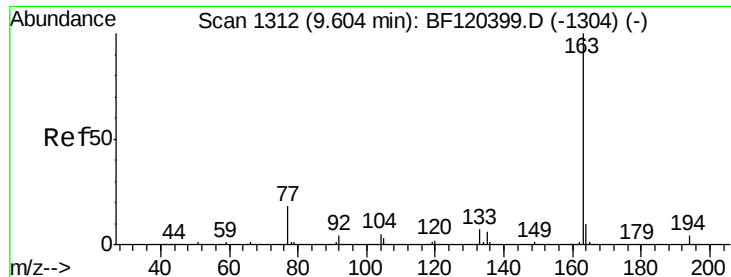


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

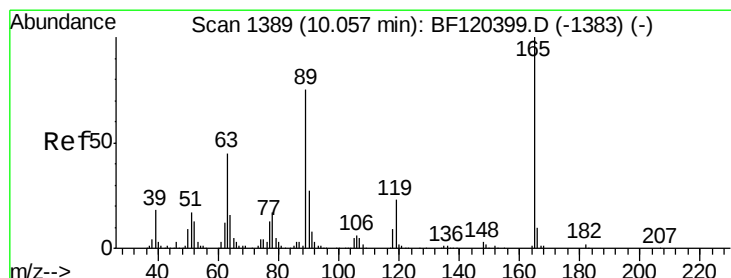
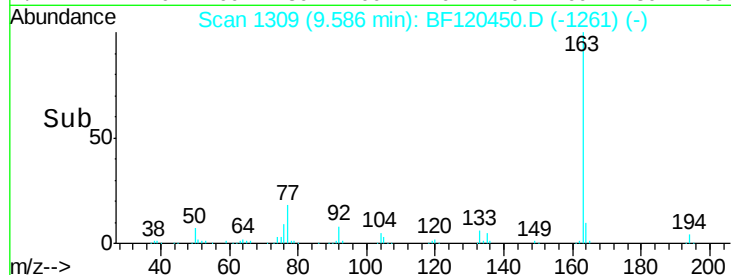
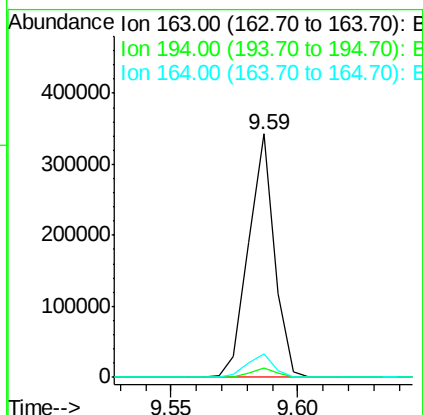
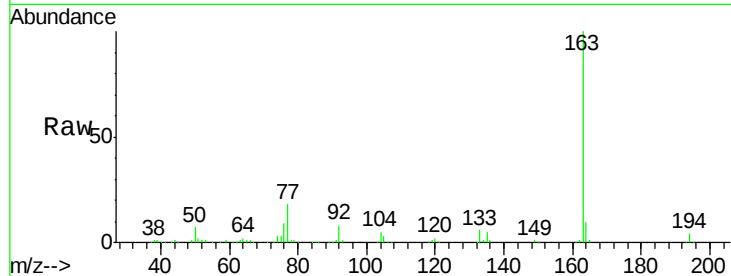




#50
Dimethylphthalate
Concen: 8.249 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

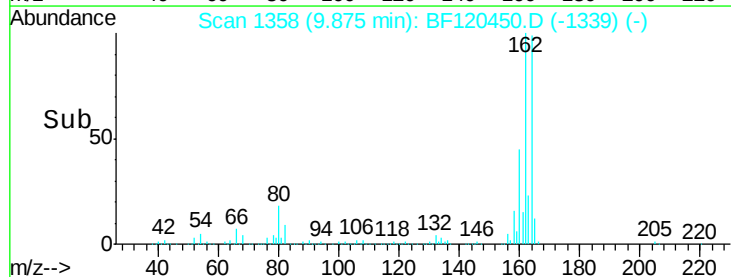
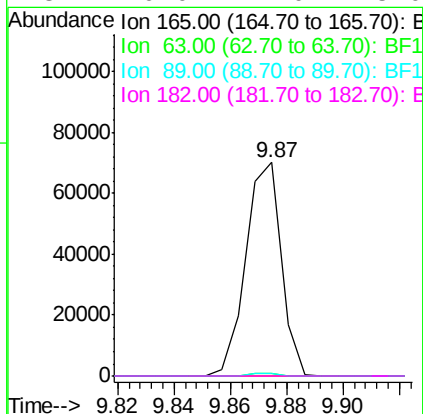
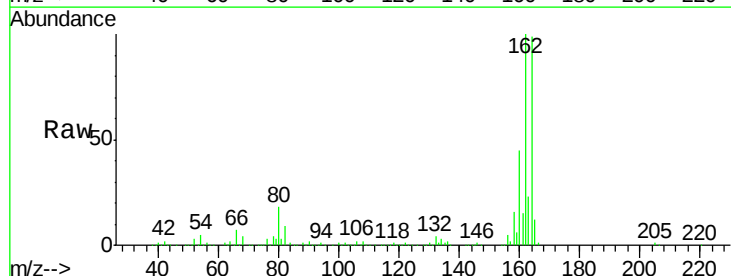
Instrument :
BNA_F
ClientSampleId :

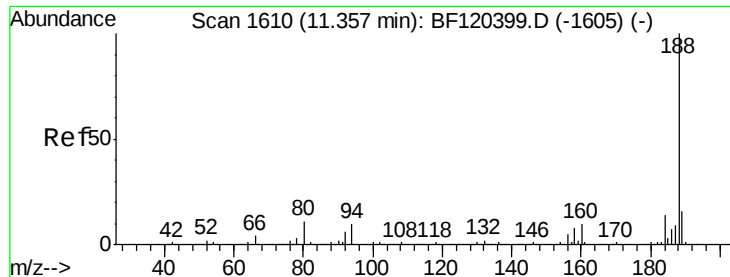
Tot Ion:163 Resp: 243491
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.7 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 7.290 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Tgt Ion:165 Resp: 61206
Ion Ratio Lower Upper
165 100
63 1.0 35.9 53.9#
89 1.1 60.0 90.0#
182 0.0 2.0 3.0#

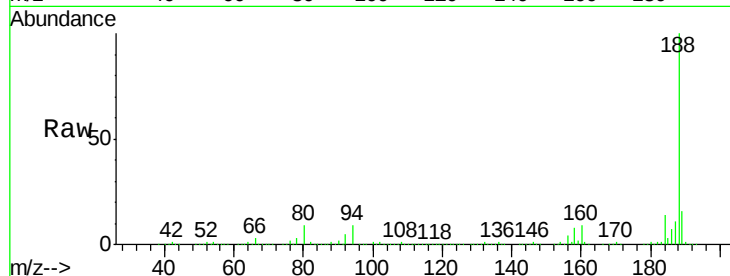




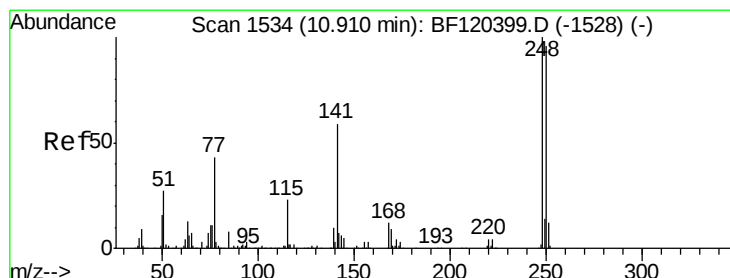
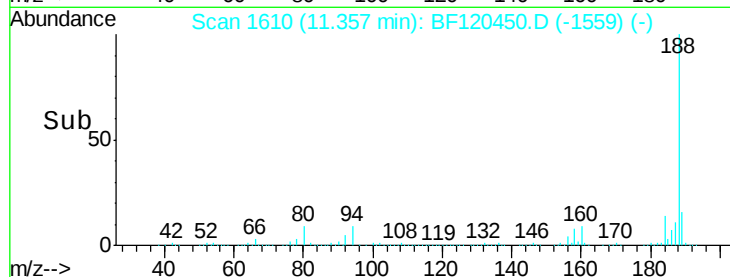
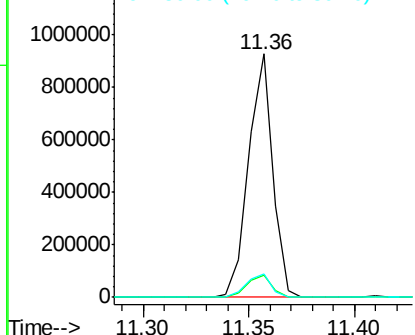
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.4	8.6	13.0

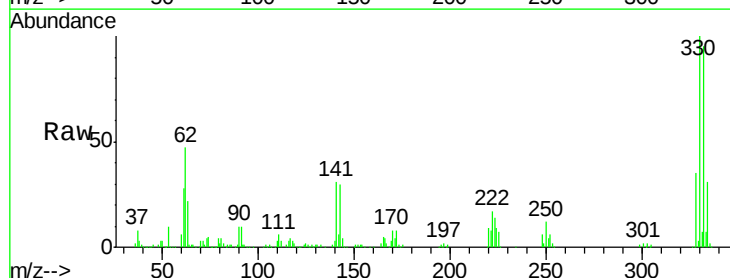


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

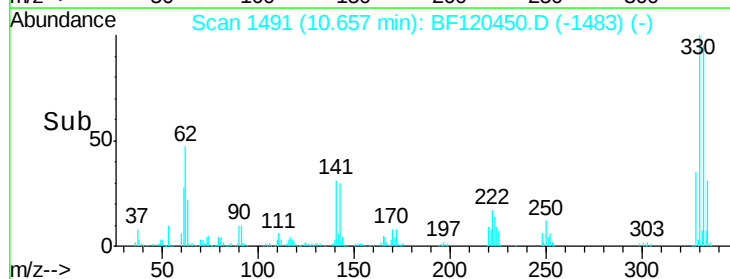
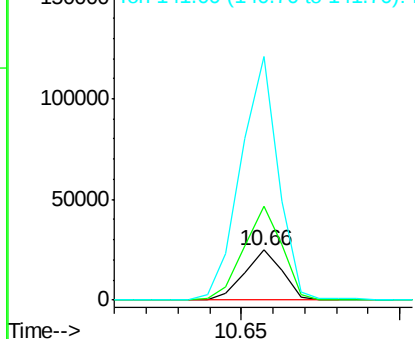


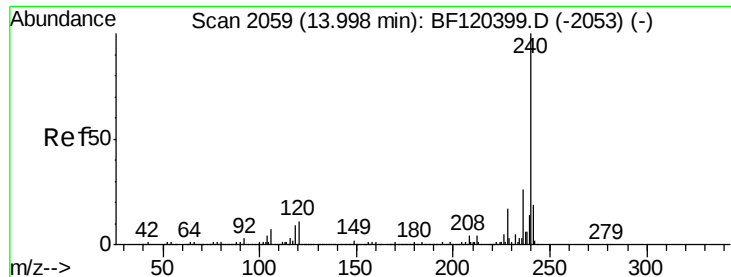
#67
4-Bromophenyl-phenylether
Concen: 2.752 ng
RT: 10.66 min Scan# 1491
Delta R.T. -0.25 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.1	76.5	114.7#
141	486.8	47.2	70.8#



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

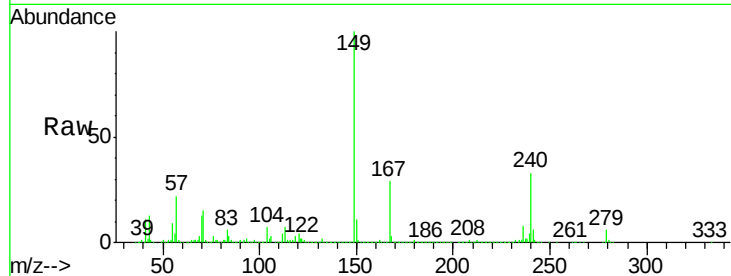




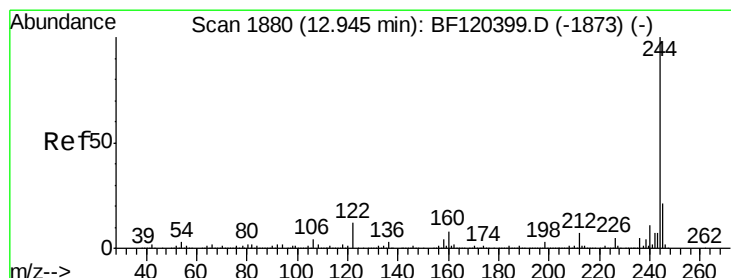
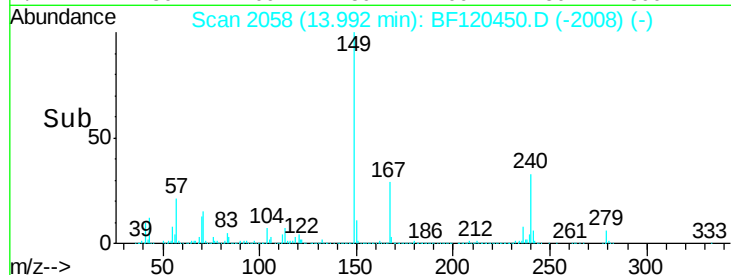
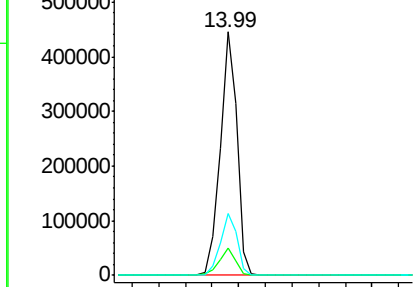
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 397539
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 25.7 21.0 31.4

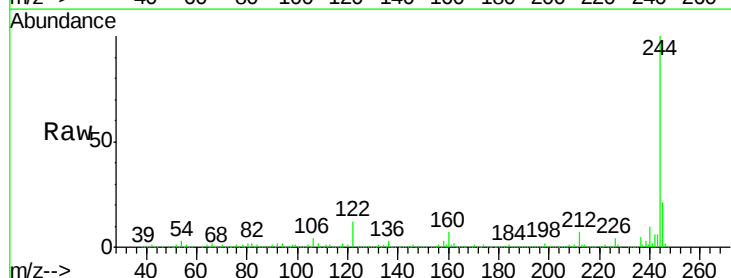


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

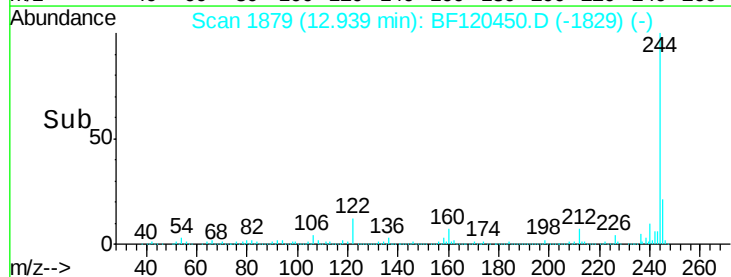
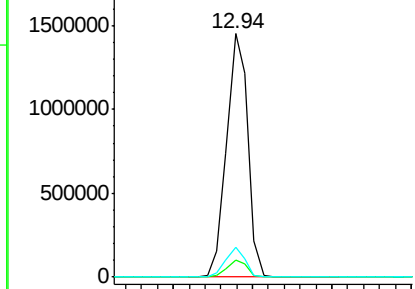


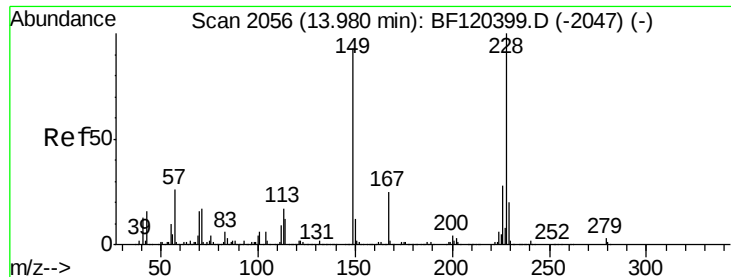
#79
Terphenyl-d14
Concen: 75.146 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF120450.D
Acq: 29 May 2020 20:17

Tgt Ion:244 Resp: 1342483
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.0 9.2 13.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 165.349 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

Instrument :

BNA_F

ClientSampled :

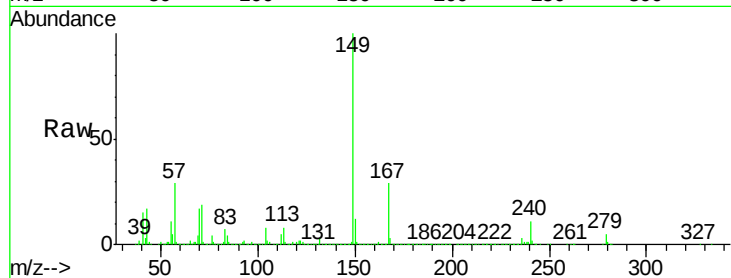
Tot Ion:149 Resp: 2240228

Ion Ratio Lower Upper

149 100

167 28.5 21.7 32.5

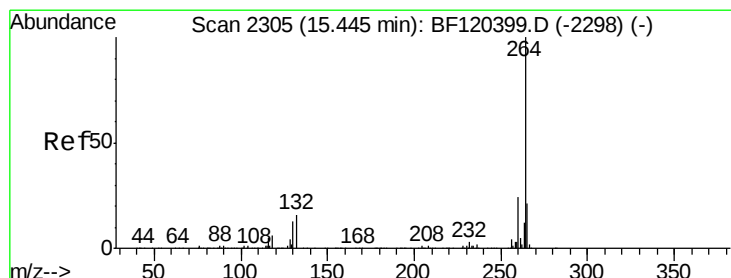
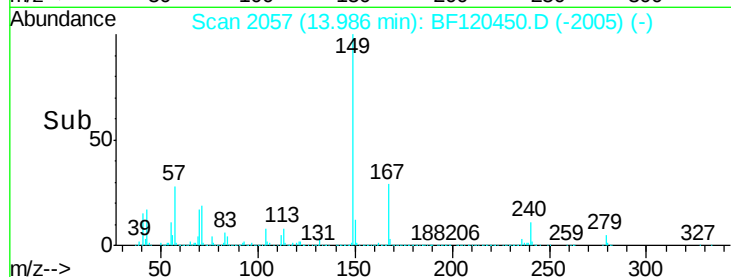
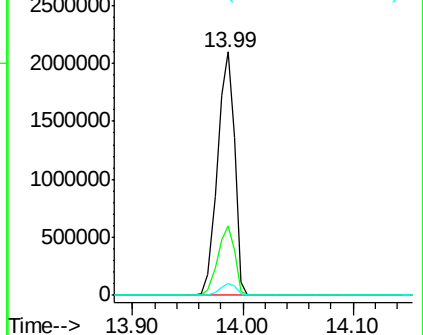
279 4.8 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120450.D

Acq: 29 May 2020 20:17

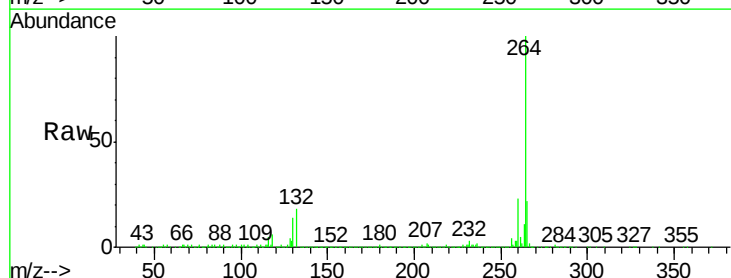
Tgt Ion:264 Resp: 563008

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.3 16.9 25.3



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

