

Data File : BF118684.D
Acq On : 24 Jan 2020 14:32
Operator : CG/JU
Sample : L1241-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-12

Quant Time: Jan 27 00:59:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	272273	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1033703	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	541352	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	958064	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	573175	20.00	ng	-0.04
87) Perylene-d12	15.47	264	592084	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1821122	124.22	ng	-0.01
7) Phenol-d6	6.49	99	2252688	118.23	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1447010	78.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	742373	118.56	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2721097	82.62	ng	-0.02
79) Terphenyl-d14	12.96	244	2979861	113.39	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	59227	2.728	ng	# 77
19) n-Nitroso-di-n-propylamine	7.42	70	197065	15.317	ng	# 76
25) Isophorone	7.42	82	1442277	42.787	ng	# 64
50) Dimethylphthalate	9.61	163	415060	11.768	ng	# 97
57) 2,4-Dinitrotoluene	9.90	165	69666	6.997	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	48009	4.056	ng	# 1
77) Benzidine	12.96	184	38229	2.496	ng	# 94

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

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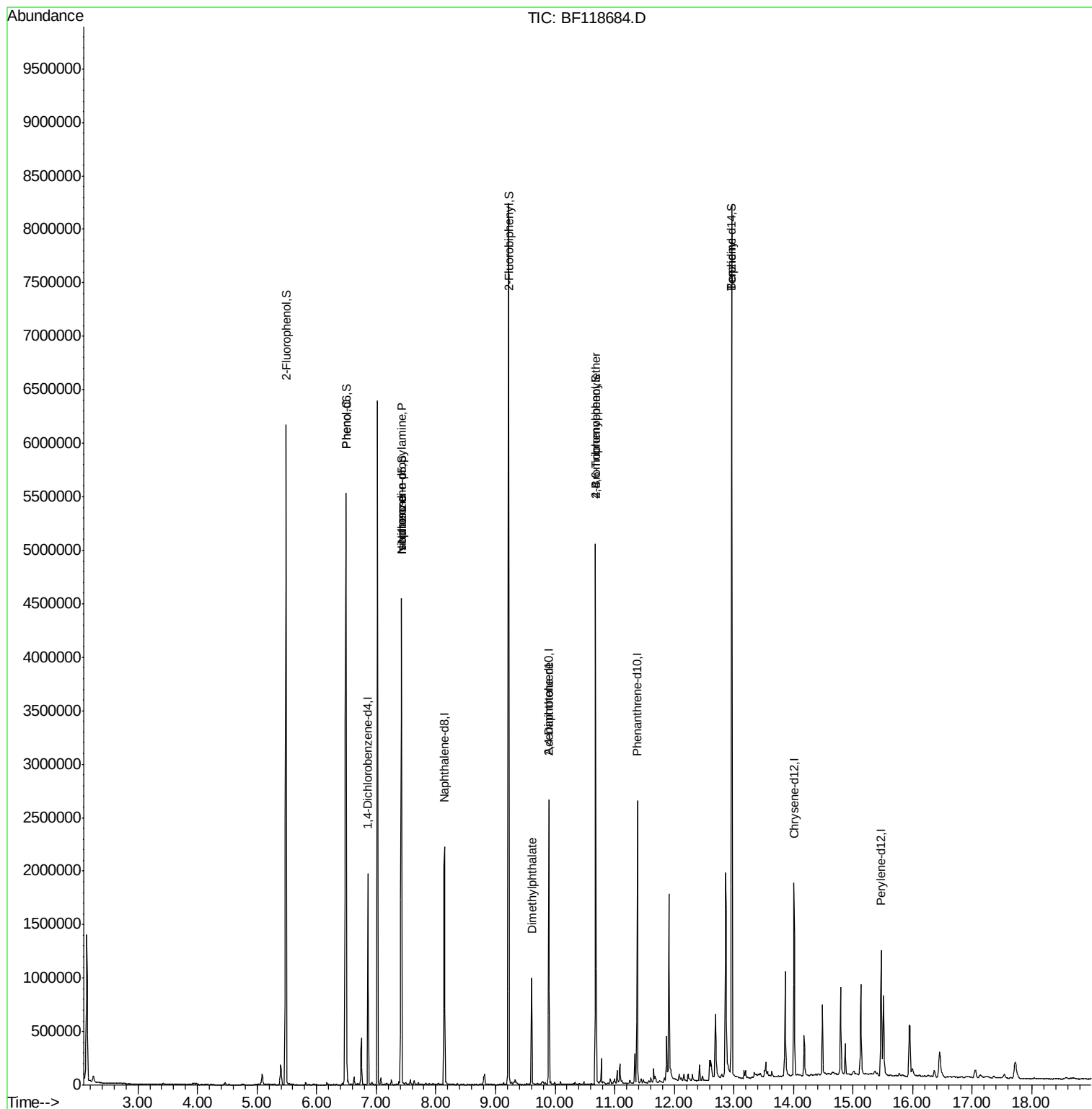
Quant Time: Jan 27 00:59:06 2020

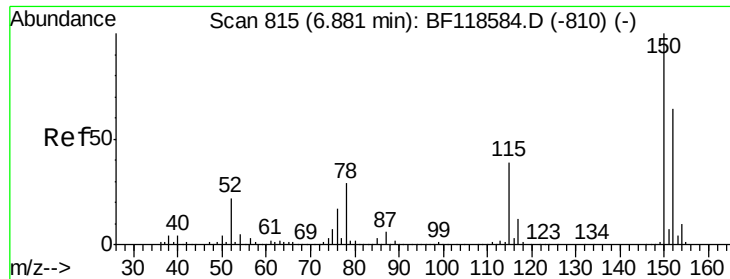
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M

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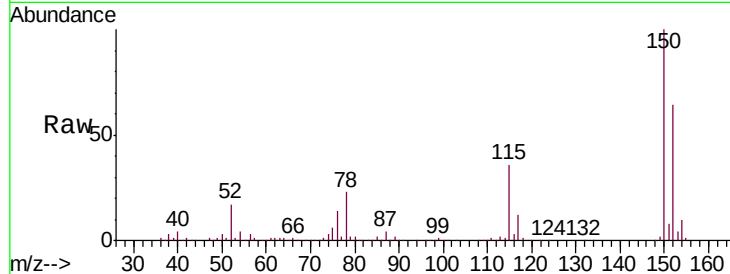


#1

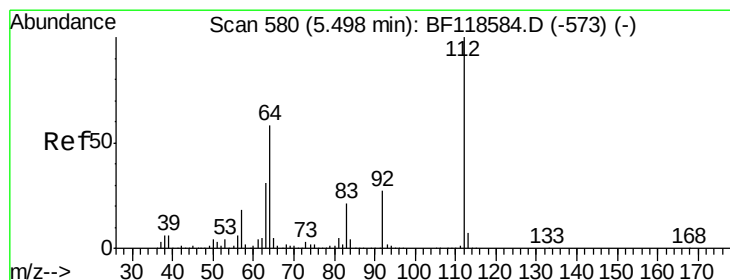
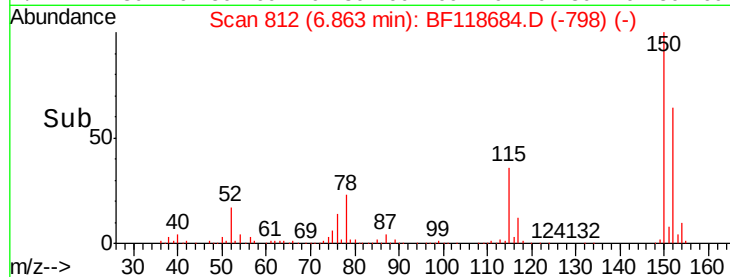
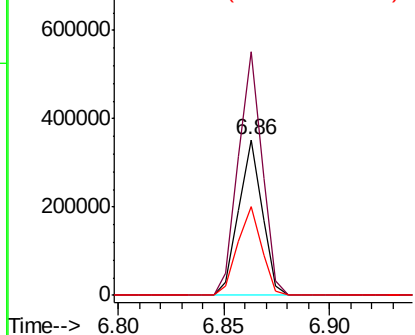
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Instrument :
BNA_F
ClientSampleId :
EP-12

Tgt Ion:152 Resp: 272273
Ion Ratio Lower Upper
152 100
150 156.3 125.6 188.4
115 57.0 48.4 72.6



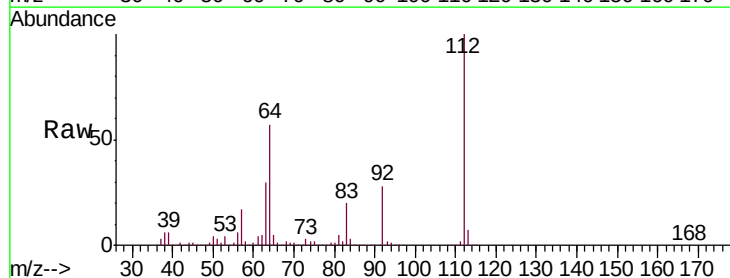
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



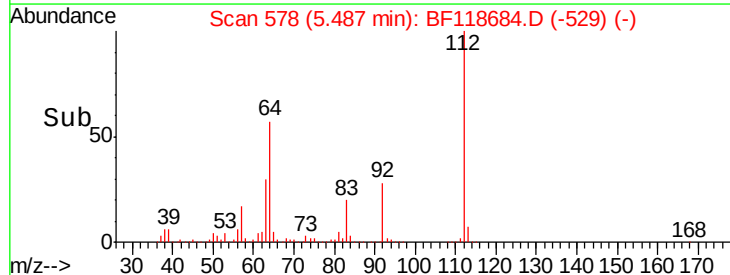
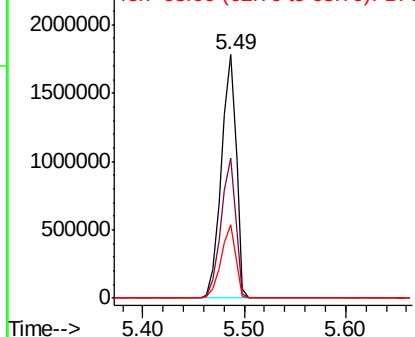
#5

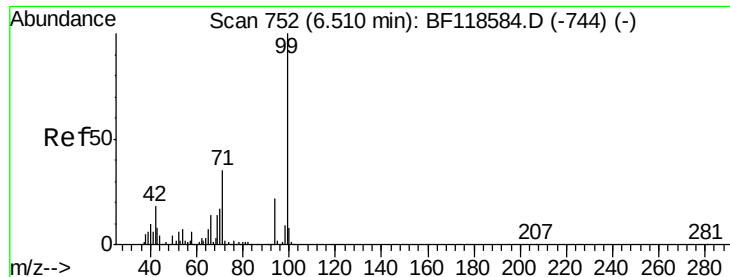
2-Fluorophenol
Concen: 124.224 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Tgt Ion:112 Resp: 1821122
Ion Ratio Lower Upper
112 100
64 57.4 46.6 70.0
63 30.4 25.1 37.7



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: 118.225 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

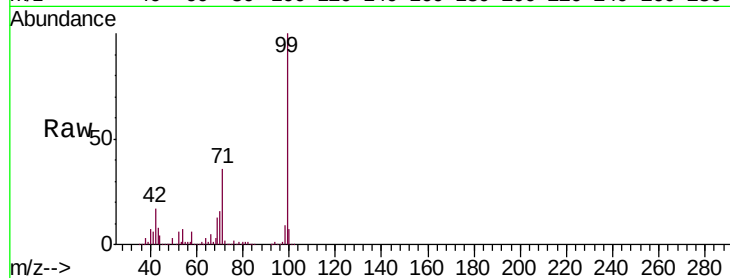
Tgt Ion: 99 Resp: 2252688

Ion Ratio Lower Upper

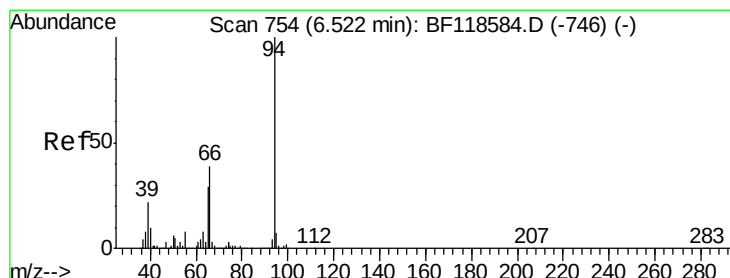
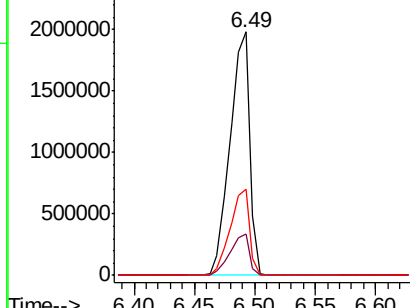
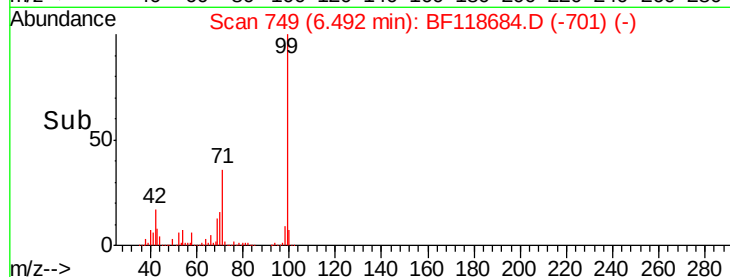
99 100

42 16.9 14.2 21.2

71 35.6 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.728 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

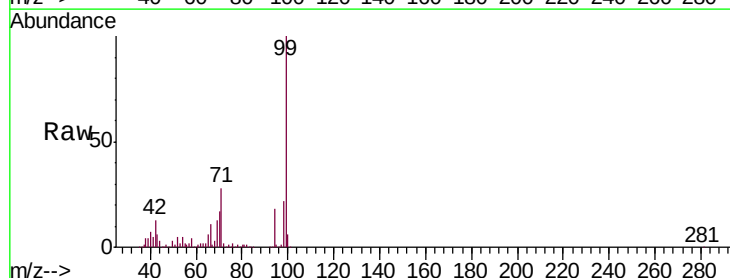
Tgt Ion: 94 Resp: 59227

Ion Ratio Lower Upper

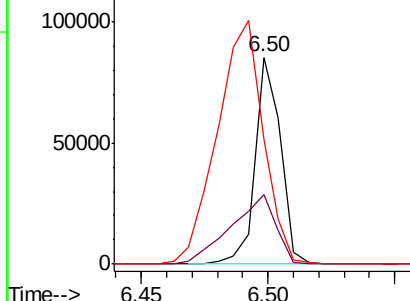
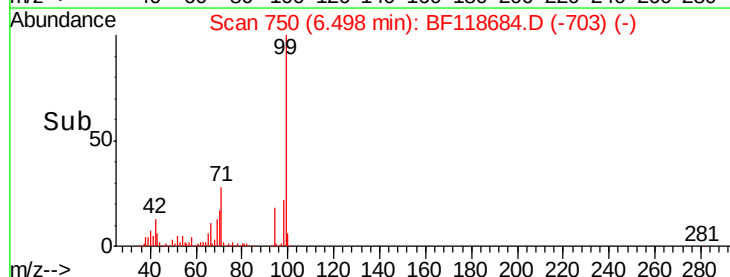
94 100

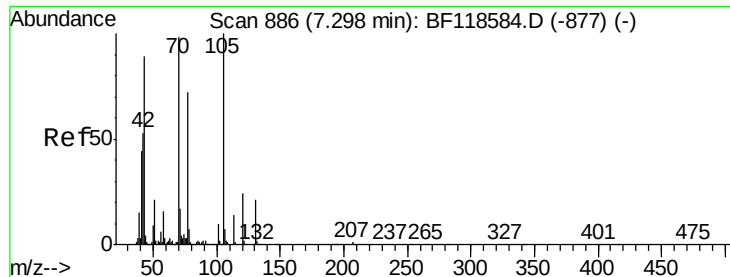
65 33.5 9.5 49.5

66 60.1 18.5 58.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

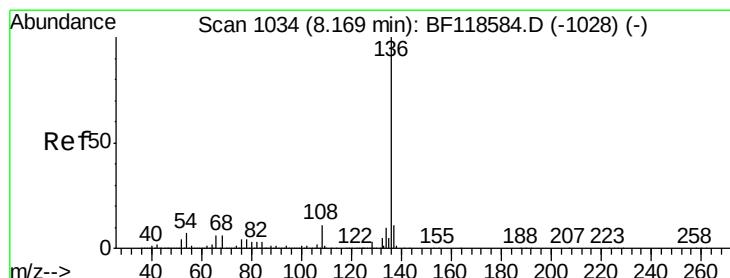
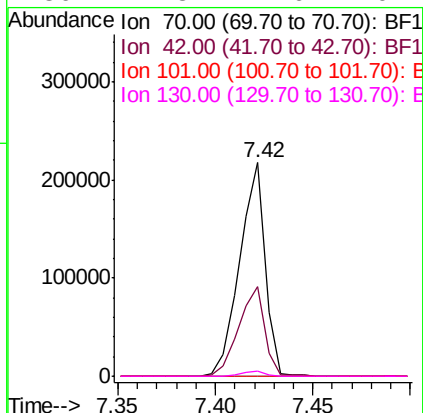
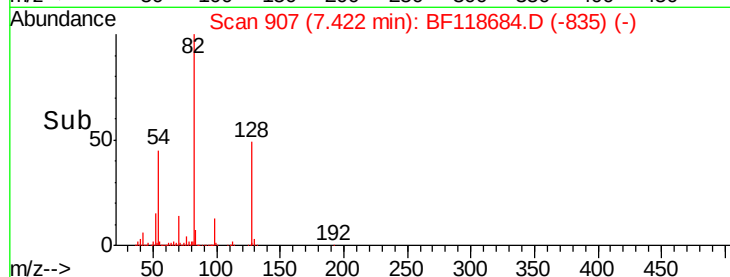
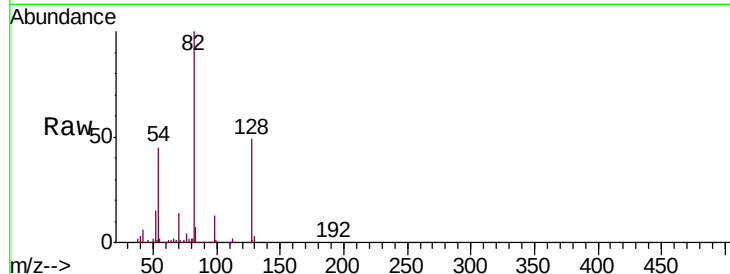




#19
n-Nitroso-di-n-propylamine
Concen: 15.317 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

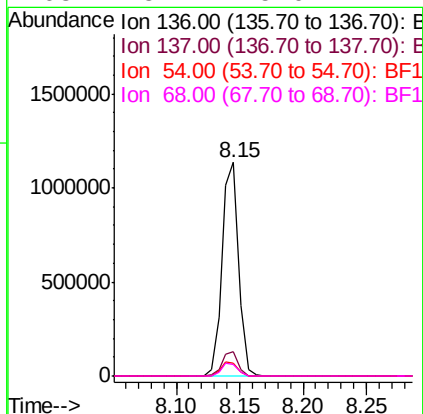
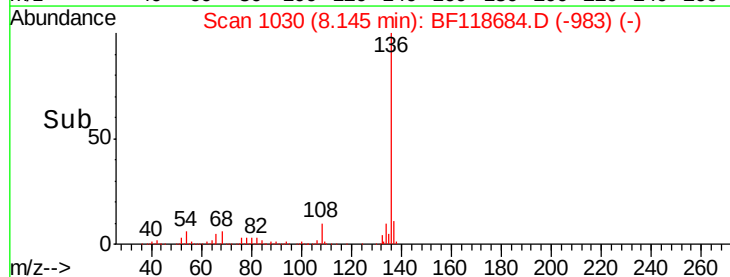
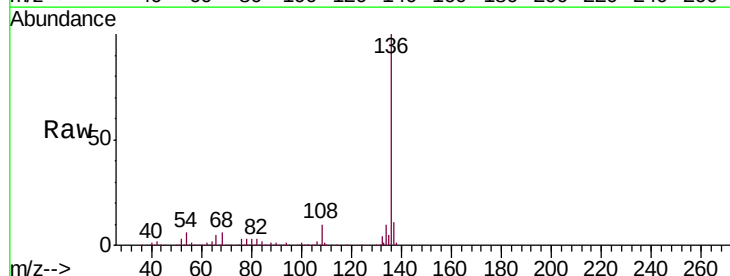
Instrument :
BNA_F
ClientSampleId :
EP-12

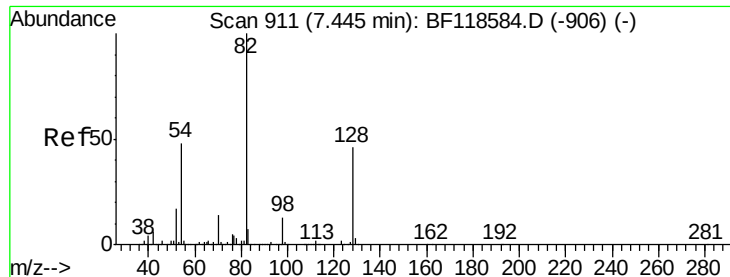
Tgt Ion: 70 Resp: 197065
Ion Ratio Lower Upper
70 100
42 41.9 43.4 65.0#
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Tgt Ion: 136 Resp: 1033703
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.2 5.8 8.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.298 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

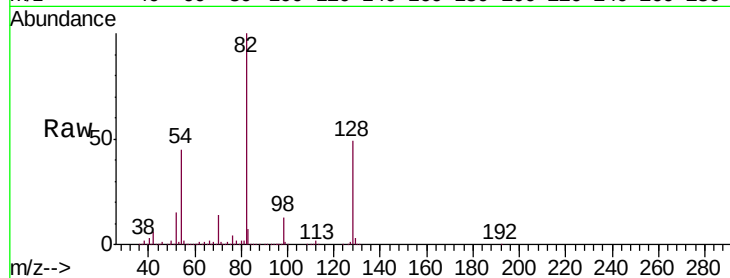
Tgt Ion: 82 Resp: 1447010

Ion Ratio Lower Upper

82 100

128 48.8 36.6 54.8

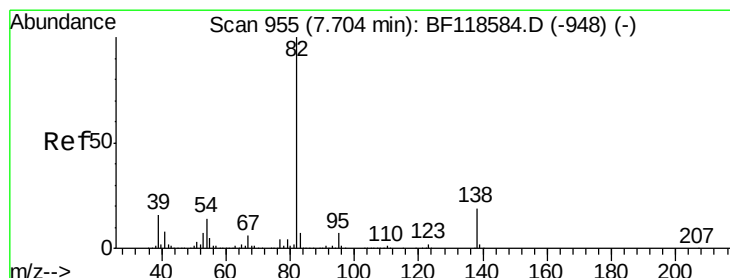
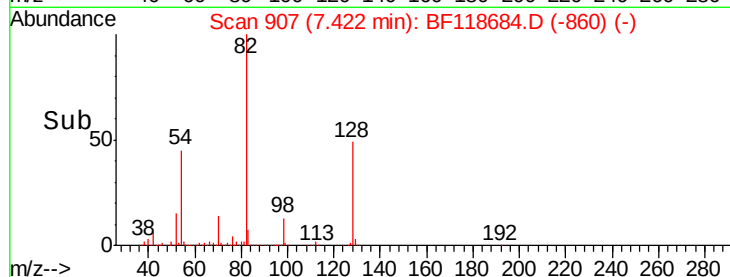
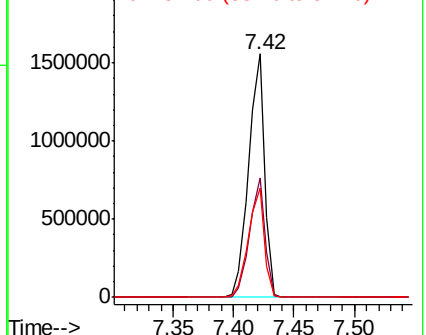
54 45.0 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 42.787 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

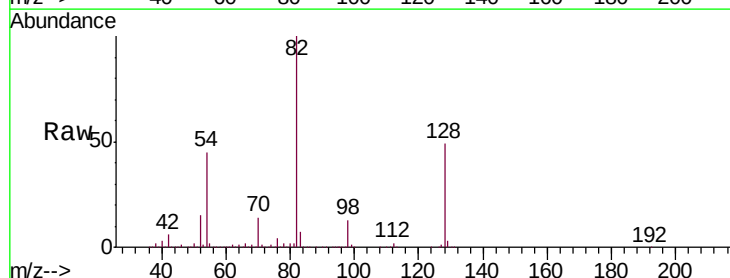
Tgt Ion: 82 Resp: 1442277

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

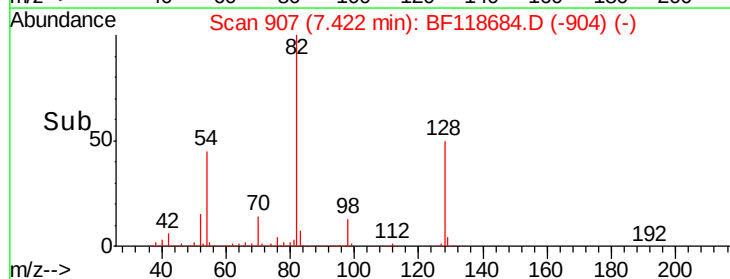
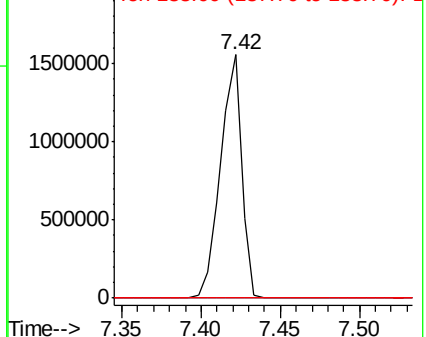
138 0.0 15.3 22.9#

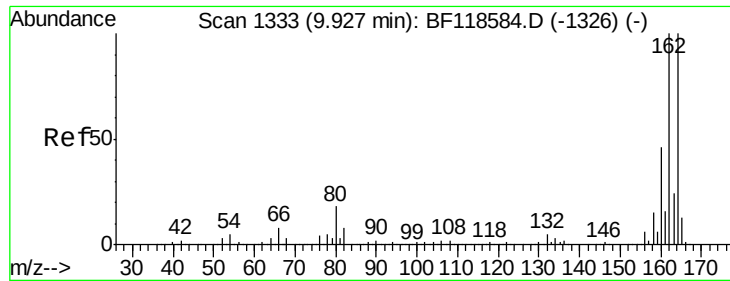


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

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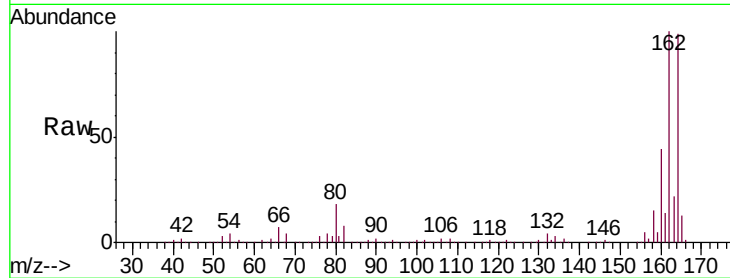
Tgt Ion:164 Resp: 541352

Ion Ratio Lower Upper

164 100

162 101.0 80.4 120.6

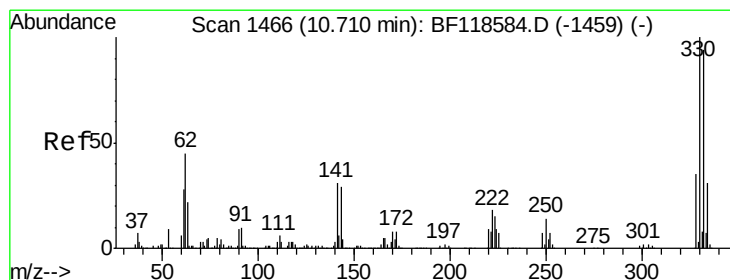
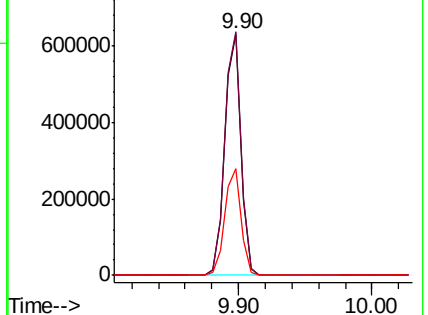
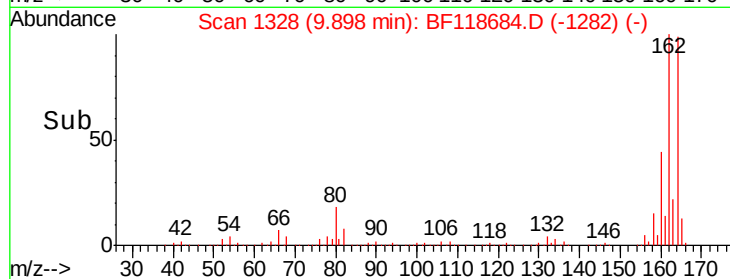
160 44.1 36.6 55.0



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: 118.563 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

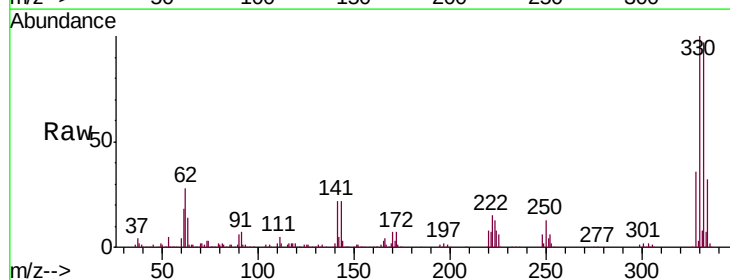
Tgt Ion:330 Resp: 742373

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

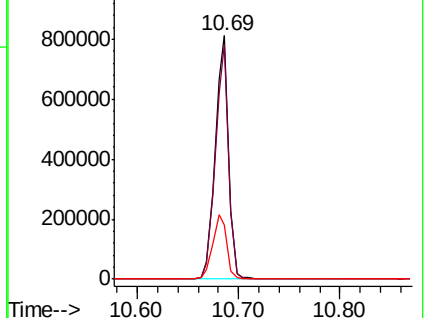
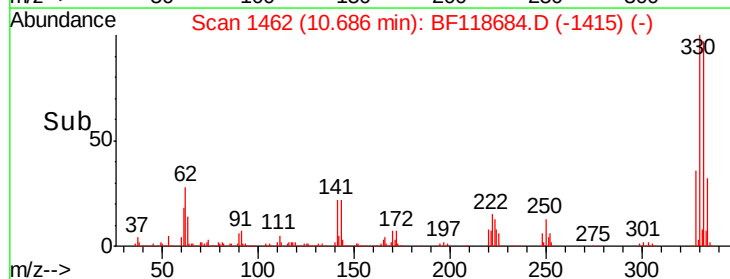
141 27.8 23.9 35.9

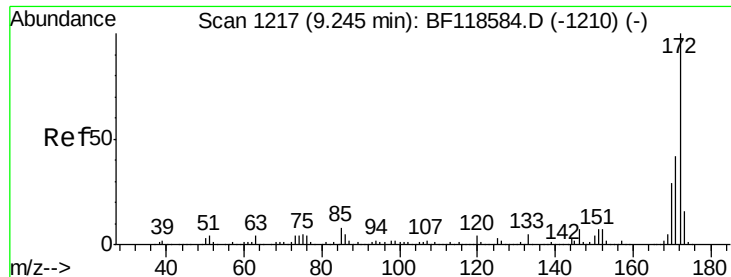


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

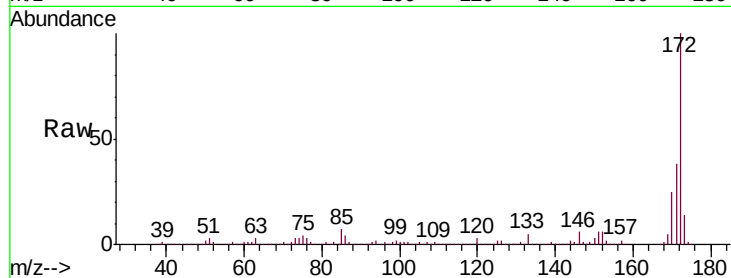




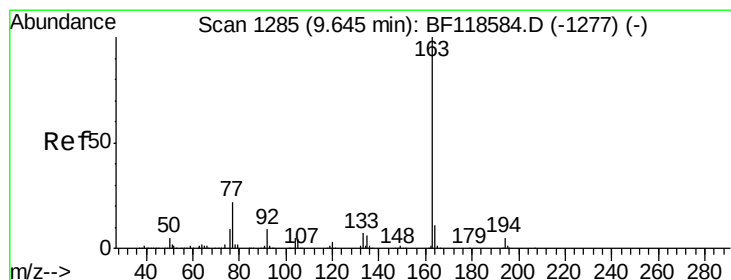
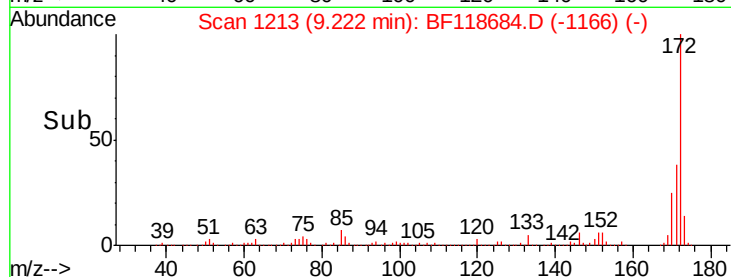
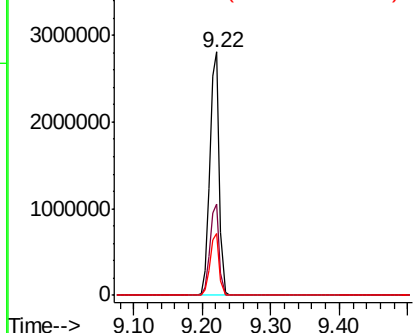
#45
 2-Fluorobiphenyl
 Concen: 82.616 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

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Tgt Ion:172 Resp: 2721097
 Ion Ratio Lower Upper
 172 100
 171 37.6 33.4 50.2
 170 25.2 23.2 34.8

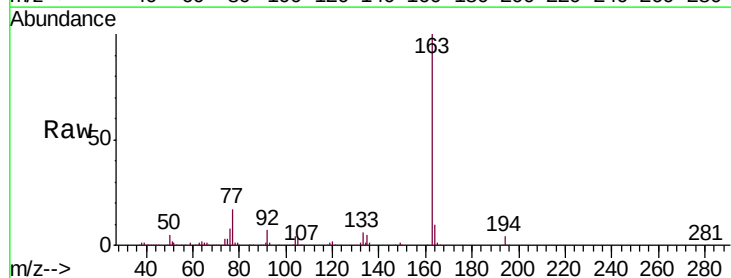


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

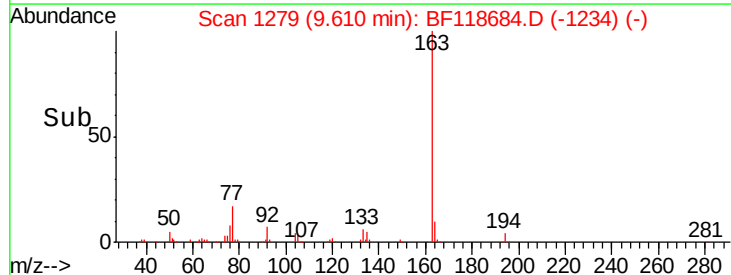
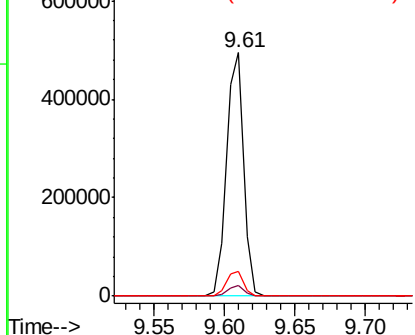


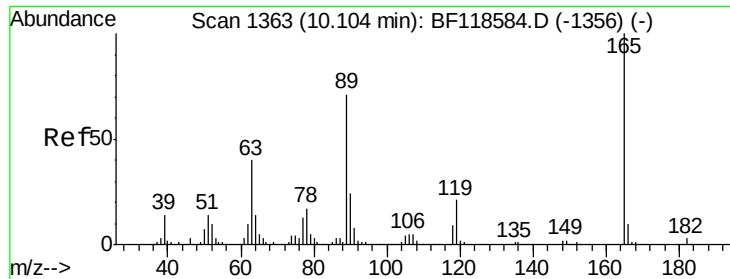
#50
 Dimethylphthalate
 Concen: 11.768 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

Tgt Ion:163 Resp: 415060
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.9 5.9
 164 10.2 9.1 13.7



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

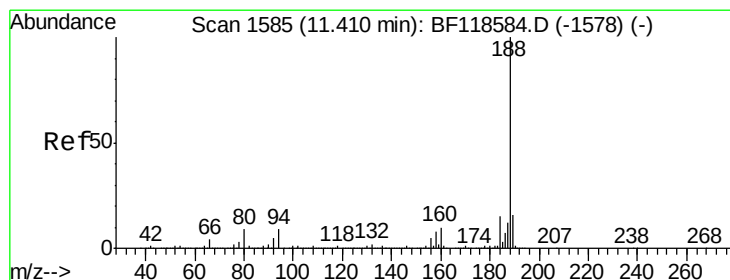
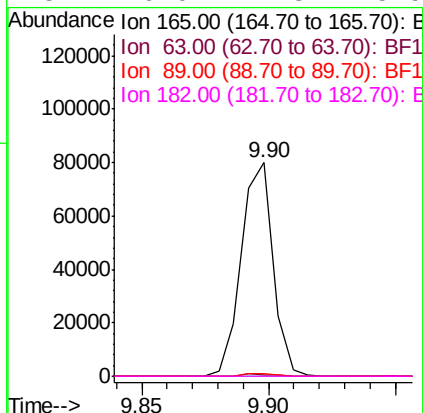
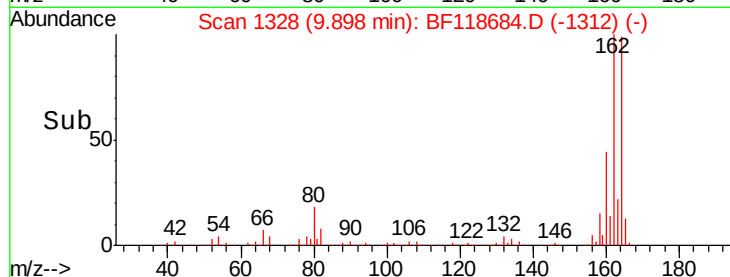
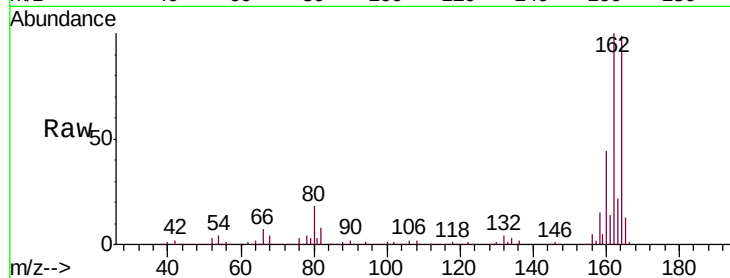




#57
 2,4-Dinitrotoluene
 Concen: 6.997 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

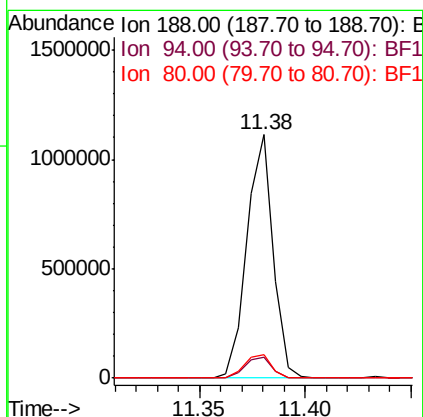
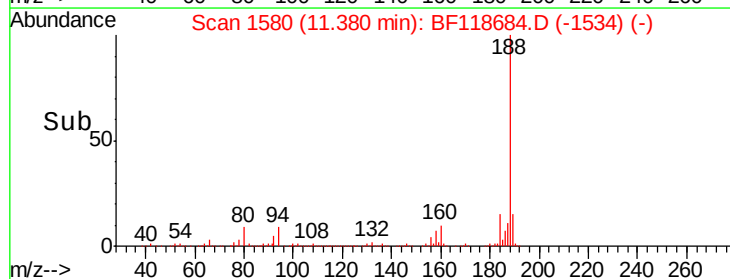
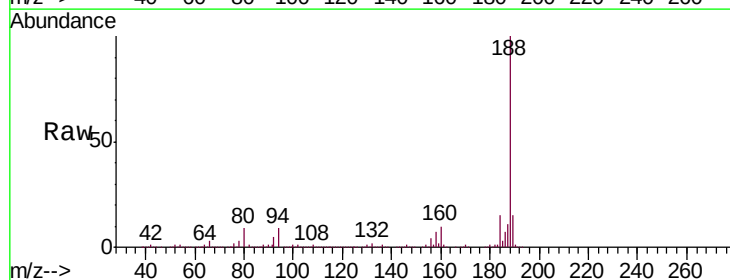
Instrument :
 BNA_F
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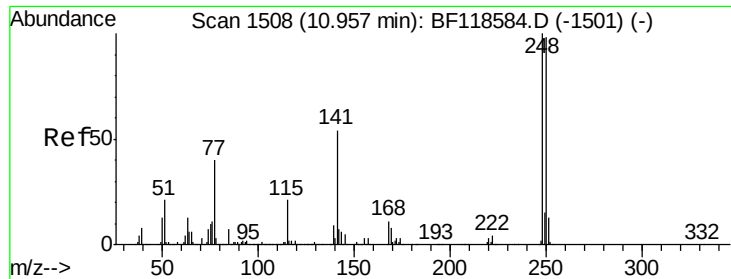
Tgt Ion:	165	Resp:	69666
Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.4	48.6#
89	1.3	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

Tgt Ion:	188	Resp:	958064
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.4	7.5	11.3

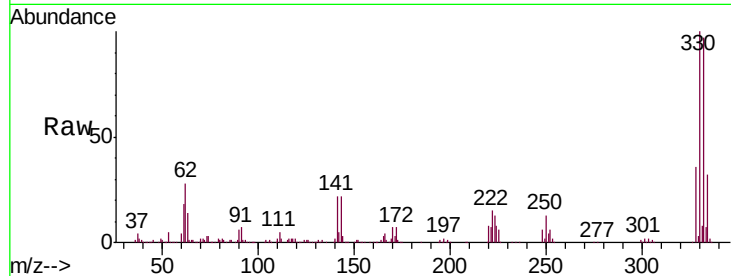




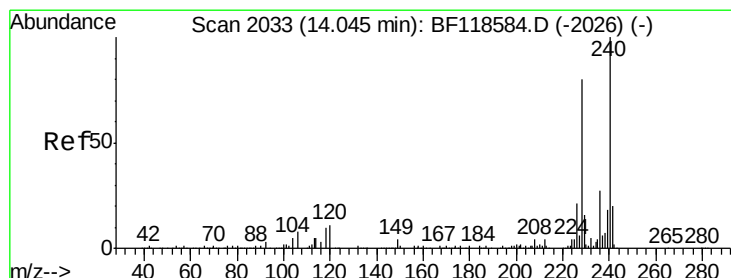
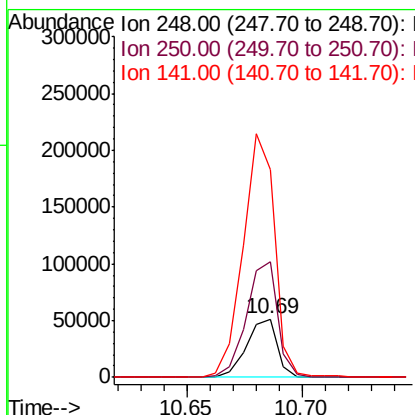
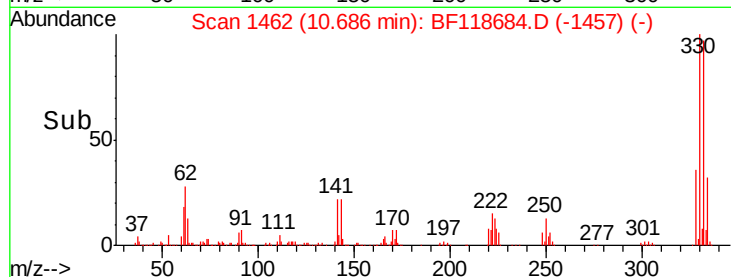
#67
 4-Bromophenyl-phenylether
 Concen: 4.056 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.27 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

Instrument :
 BNA_F
 ClientSampleId :
 EP-12

Tgt Ion:248 Resp: 48009
 Ion Ratio Lower Upper
 248 100
 250 197.4 78.7 118.1#
 141 353.6 43.2 64.8#

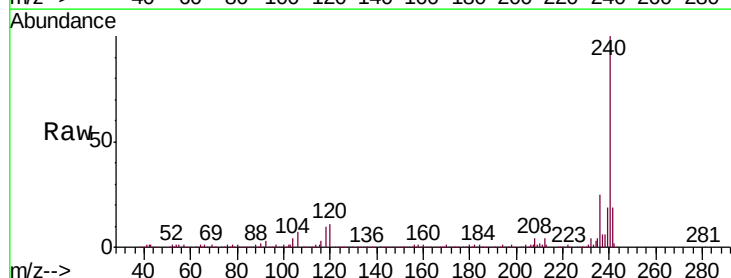


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

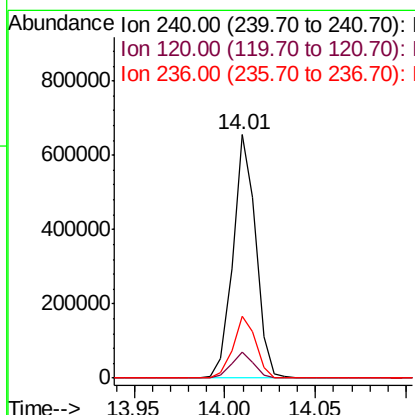
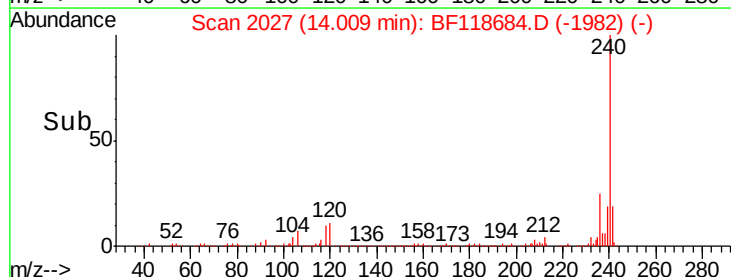


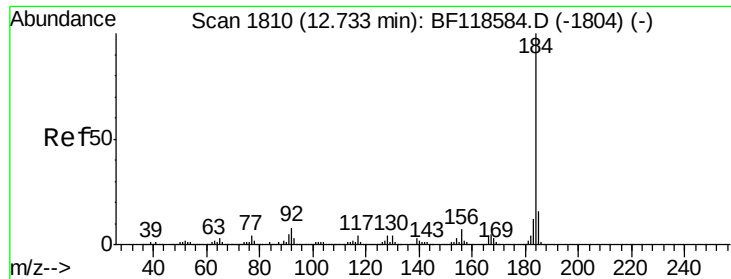
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF118684.D
 Acq: 24 Jan 2020 14:32

Tgt Ion:240 Resp: 573175
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.9 13.3
 236 25.4 21.5 32.3



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





#77

Benzidine

Concen: 2.496 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.23 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

Instrument :

BNA_F

ClientSampleId :

EP-12

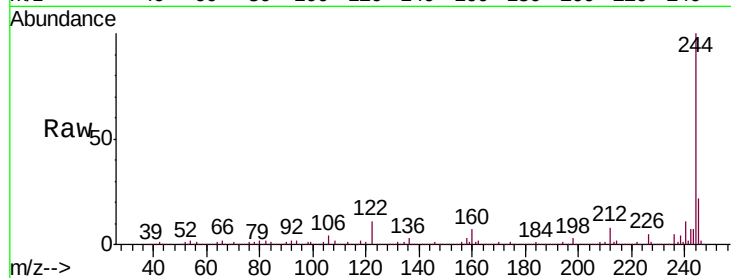
Tgt Ion:184 Resp: 38229

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

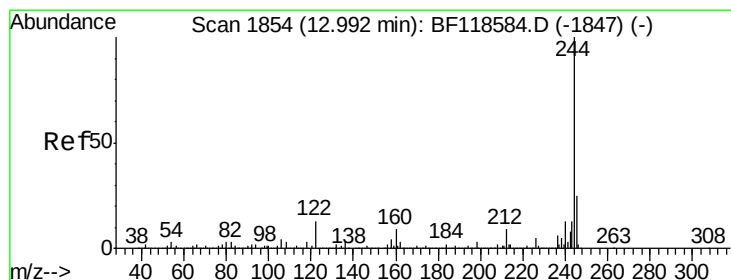
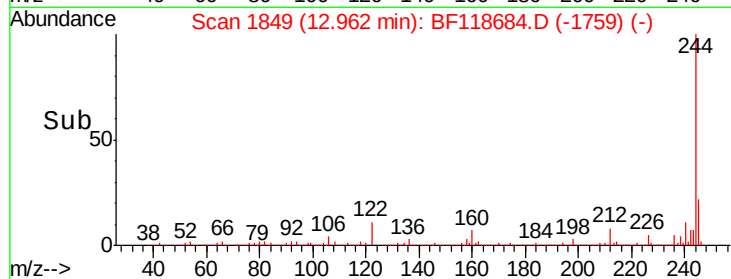
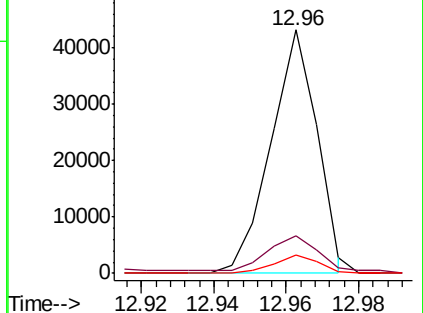
183 7.5 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 113.392 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118684.D

Acq: 24 Jan 2020 14:32

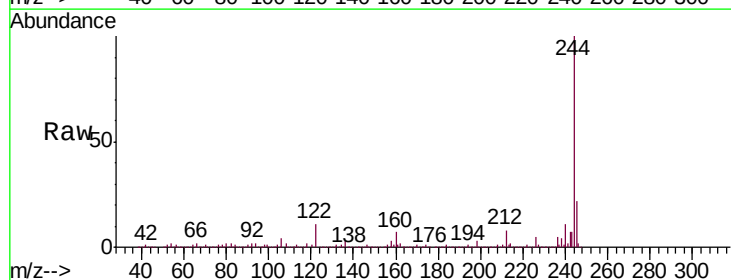
Tgt Ion:244 Resp: 2979861

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

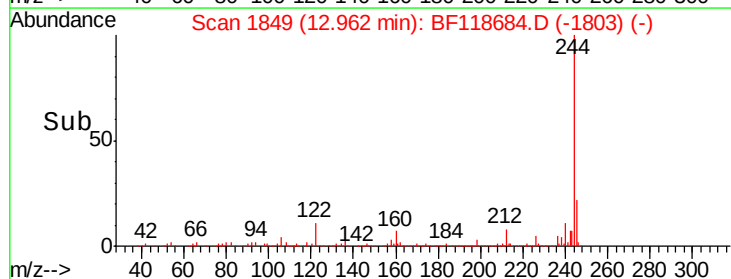
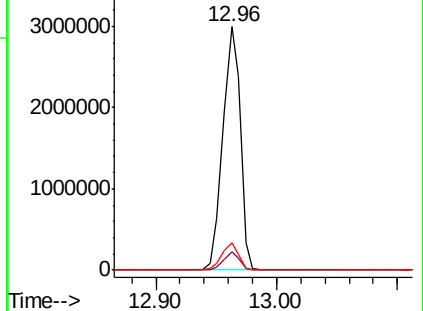
122 11.3 10.7 16.1

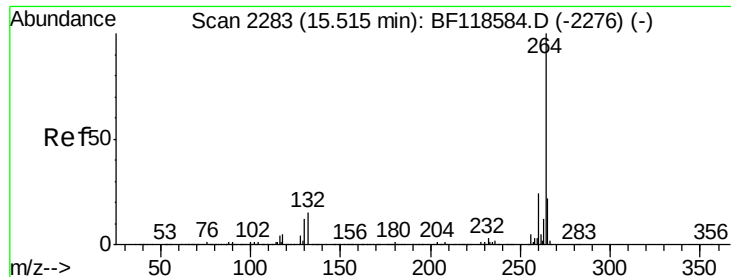


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118684.D
Acq: 24 Jan 2020 14:32

Instrument :
BNA_F
ClientSampleId :
EP-12

Tgt Ion: 264 Resp: 592084
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.6 17.7 26.5

