

Data File : BF118679.D
Acq On : 23 Jan 2020 17:12
Operator : CG/JU
Sample : L1222-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SH-BC

Quant Time: Jan 24 02:42:34 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	6.87	152	339751	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1277399	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	712047	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1254041	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	884900	20.00	ng	0.00
87) Perylene-d12	15.52	264	839323	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1164191	63.64	ng	0.00
7) Phenol-d6	6.50	99	956159	40.21	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1890393	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	771300	93.65	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3507523	80.96	ng	0.00
79) Terphenyl-d14	12.99	244	3958527	97.57	ng	0.00

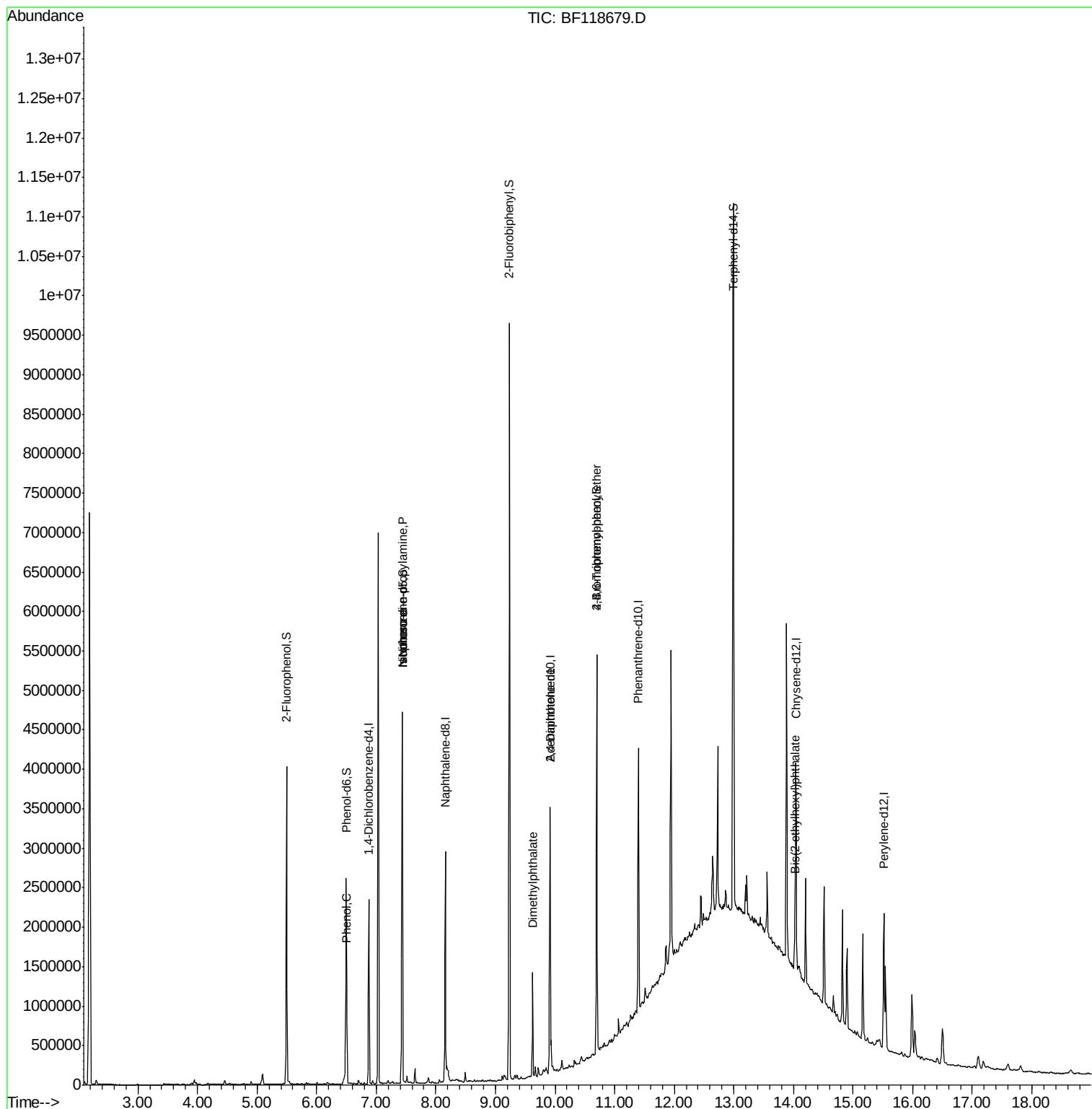
Target Compounds				Qvalue		
10) Phenol	6.51	94	219968	8.118	ng	93
19) n-Nitroso-di-n-propylamine	7.43	70	260273	16.212	ng	# 78
25) Isophorone	7.44	82	1885646	45.268	ng	# 64
50) Dimethylphthalate	9.62	163	523682	11.288	ng	98
57) 2,4-Dinitrotoluene	9.92	165	93218	7.118	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	49743	3.211	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	161312	5.370	ng	99

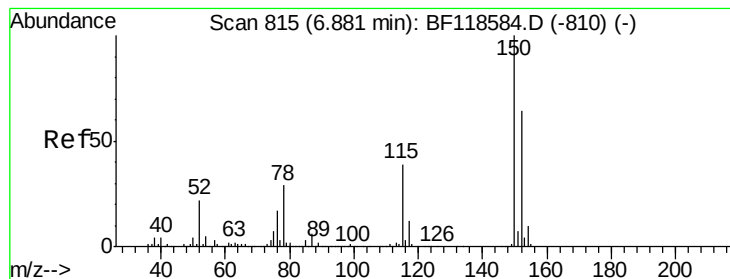
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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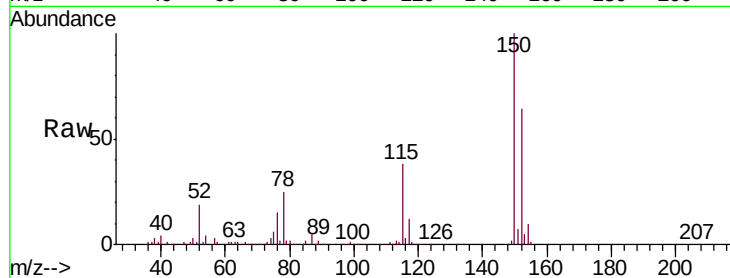


#1

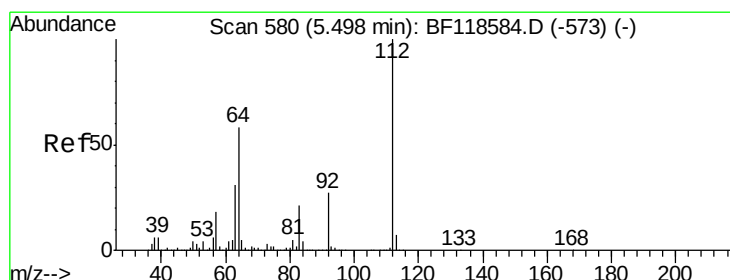
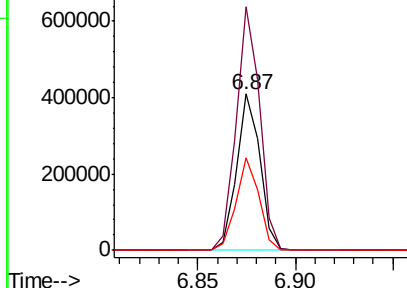
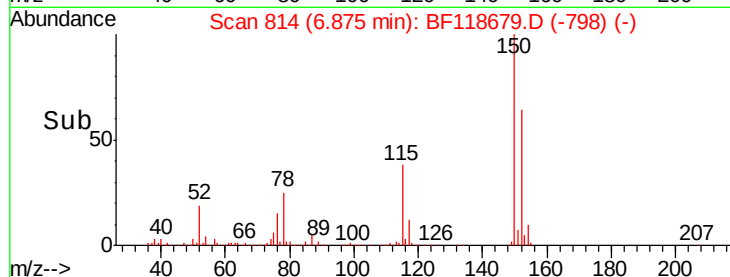
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SH-BC

Tgt Ion:152 Resp: 339751
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 59.6 48.4 72.6



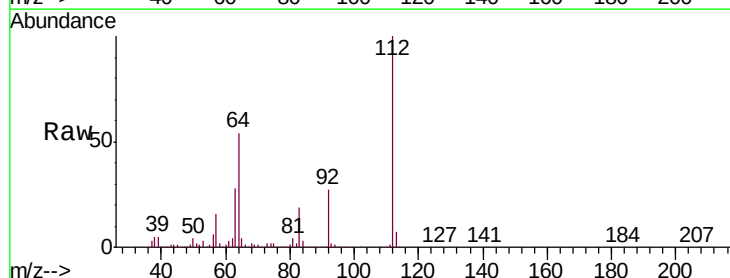
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



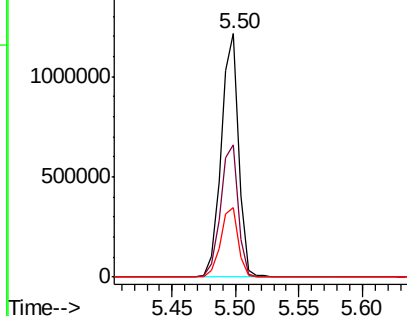
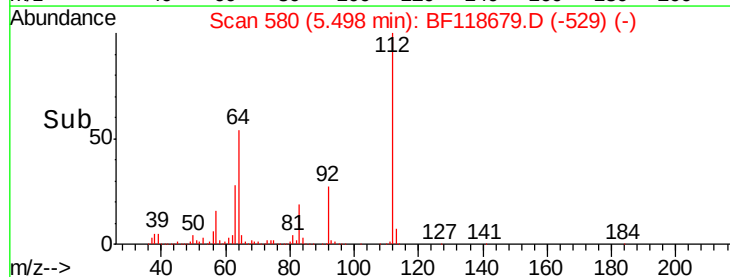
#5

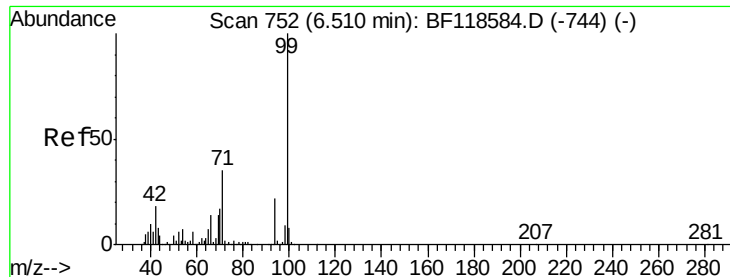
2-Fluorophenol
Concen: 63.641 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Tgt Ion:112 Resp: 1164191
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 28.3 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: 40.215 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

Instrument :

BNA_F

ClientSampleId :

SH-BC

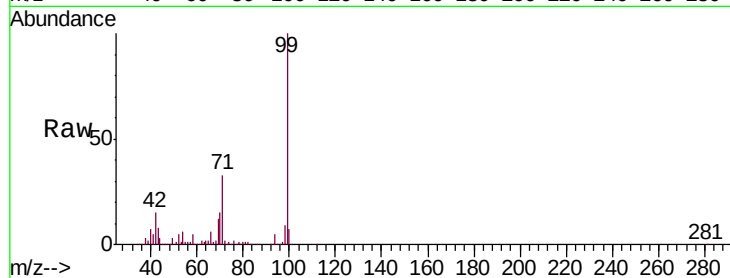
Tgt Ion: 99 Resp: 956159

Ion Ratio Lower Upper

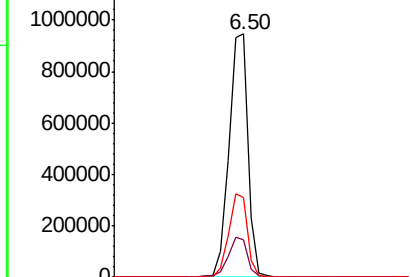
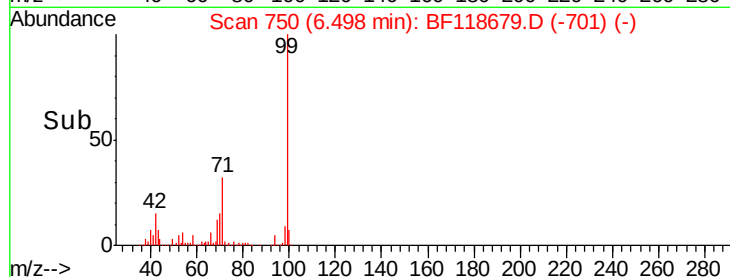
99 100

42 15.4 14.2 21.2

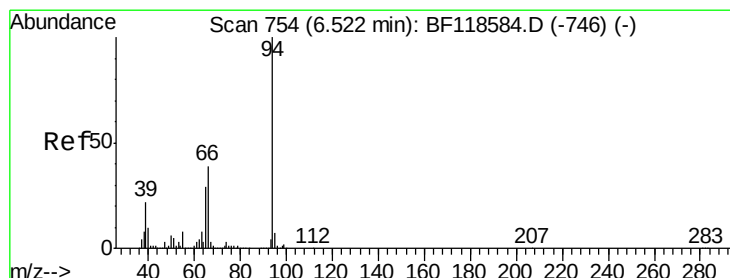
71 32.5 27.8 41.6



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



Time-->



#10

Phenol

Concen: 8.118 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

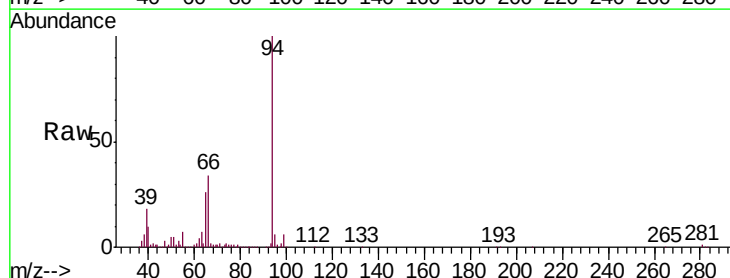
Tgt Ion: 94 Resp: 219968

Ion Ratio Lower Upper

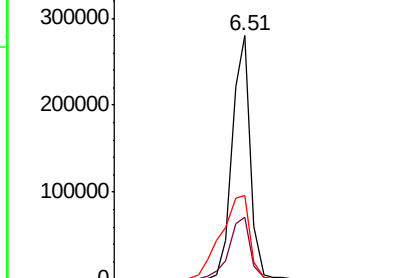
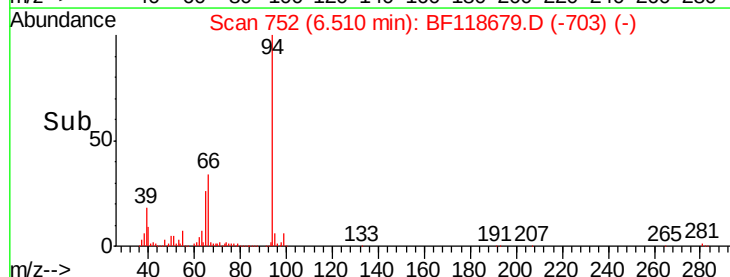
94 100

65 25.6 9.5 49.5

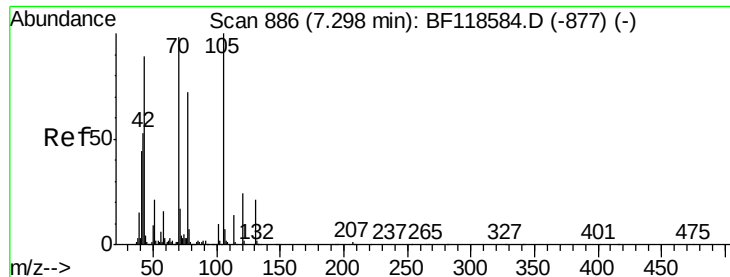
66 34.3 18.5 58.5



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



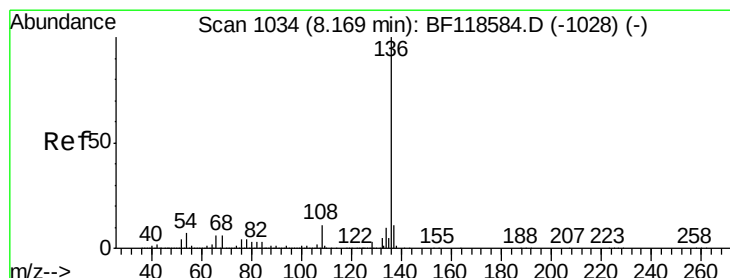
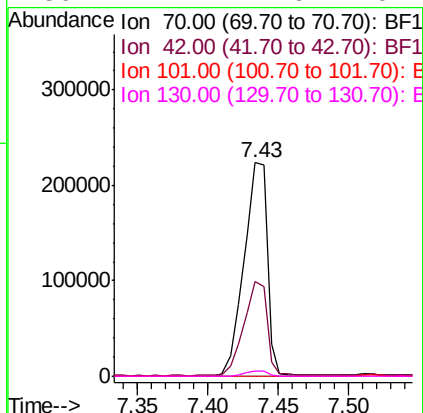
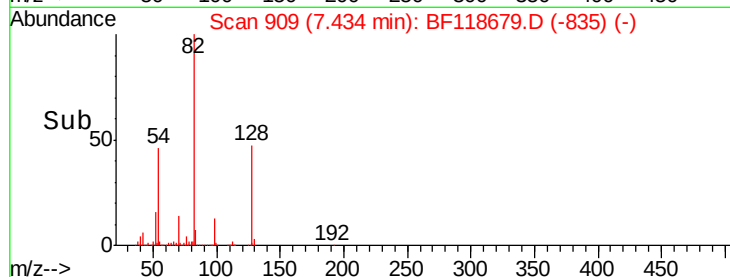
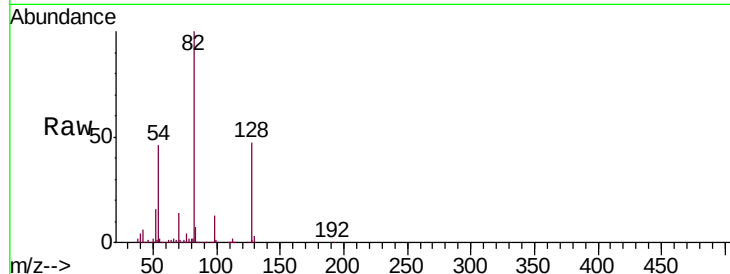
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 16.212 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

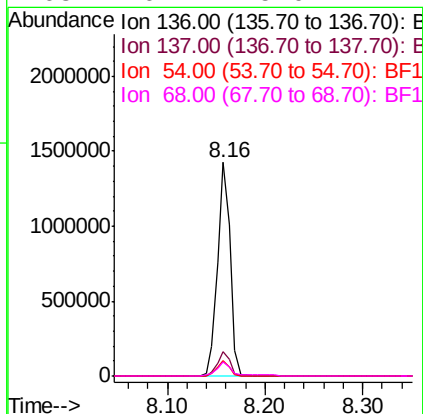
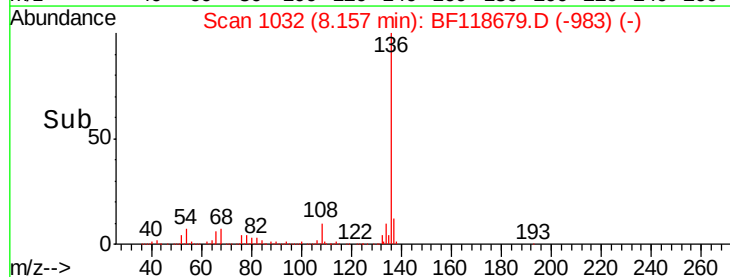
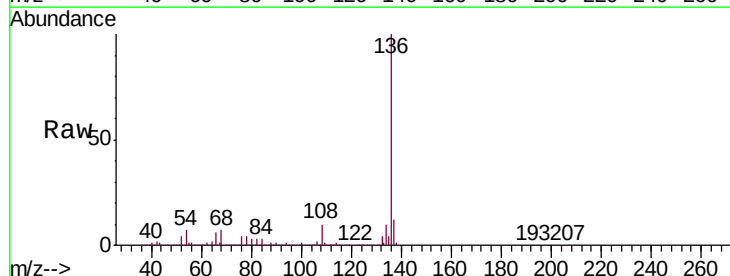
Instrument :
BNA_F
ClientSampleId :
SH-BC

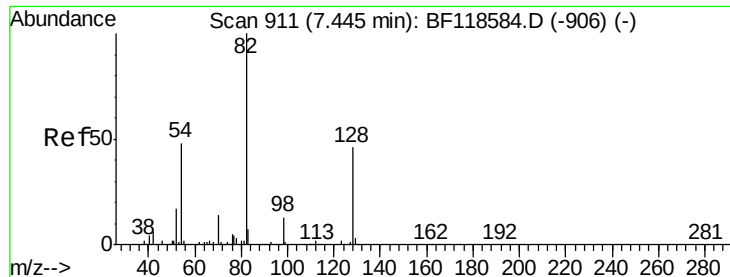
Tgt Ion: 70 Resp: 260273
Ion Ratio Lower Upper
70 100
42 44.5 43.4 65.0
101 0.0 8.1 12.1#
130 2.2 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Tgt Ion: 136 Resp: 1277399
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.3 5.8 8.6
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.775 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

Instrument :

BNA_F

ClientSampleId :

SH-BC

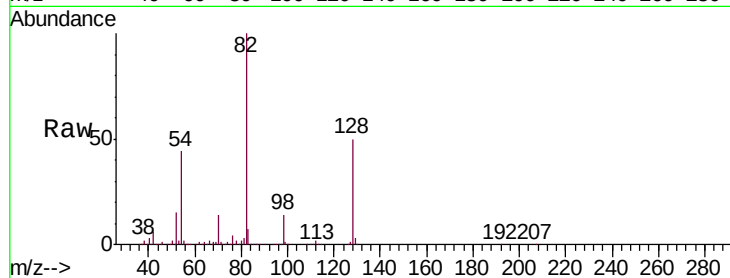
Tgt Ion: 82 Resp: 1890393

Ion Ratio Lower Upper

82 100

128 49.5 36.6 54.8

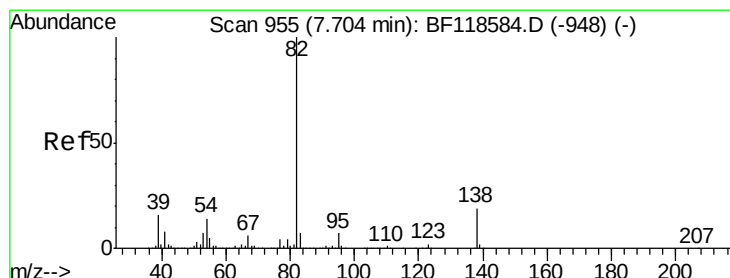
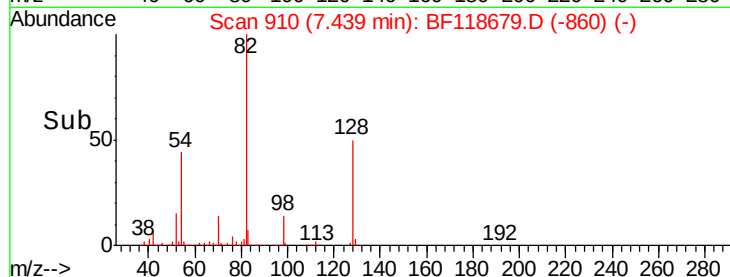
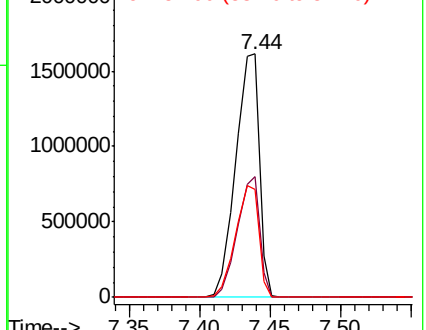
54 44.2 38.0 57.0



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: 45.268 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

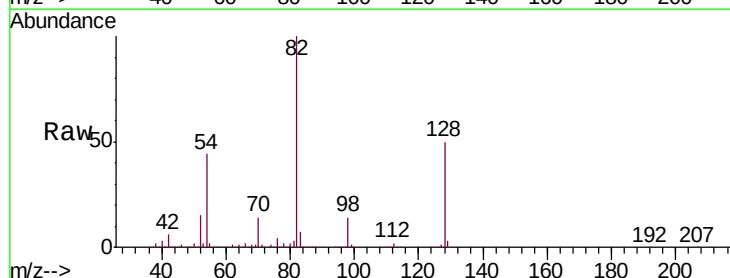
Tgt Ion: 82 Resp: 1885646

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

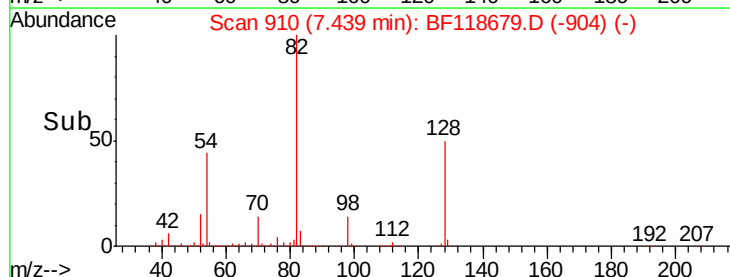
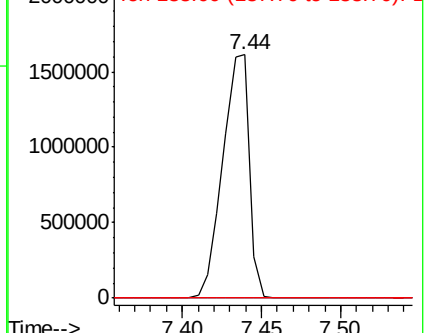
138 0.0 15.3 22.9#

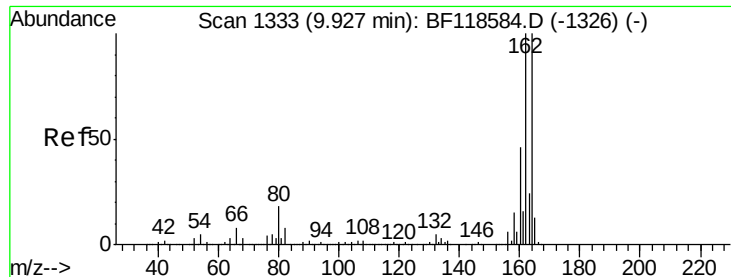


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

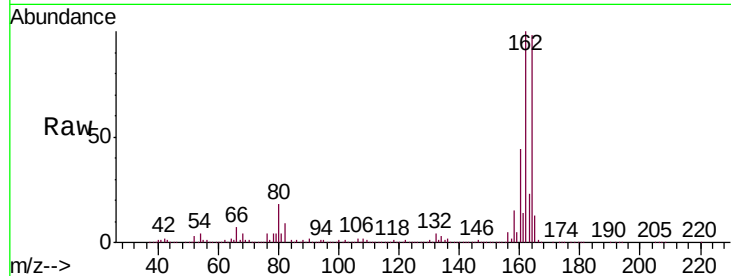




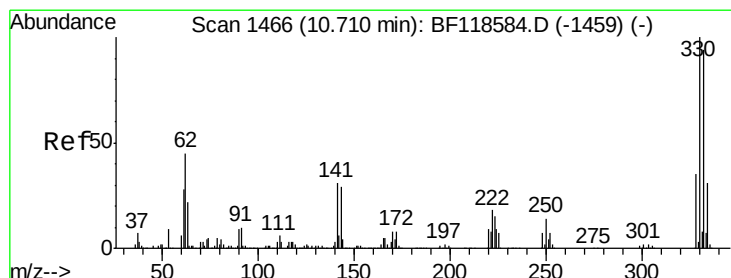
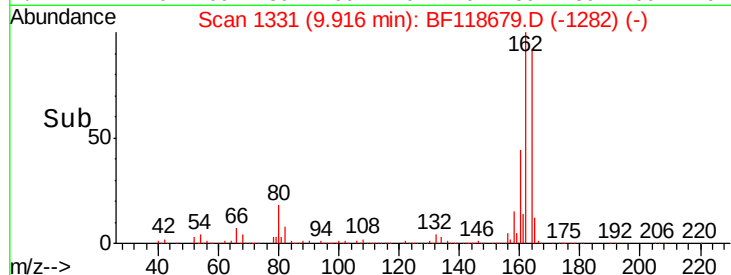
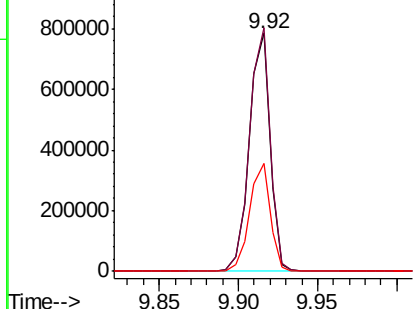
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118679.D
 Acq: 23 Jan 2020 17:12

Instrument :
 BNA_F
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 SH-BC

Tgt Ion:164 Resp: 712047
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.4 120.6
 160 45.2 36.6 55.0

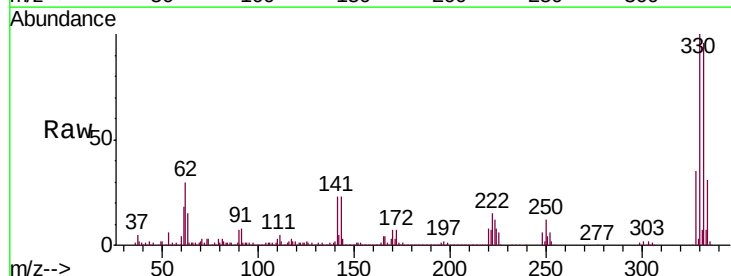


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

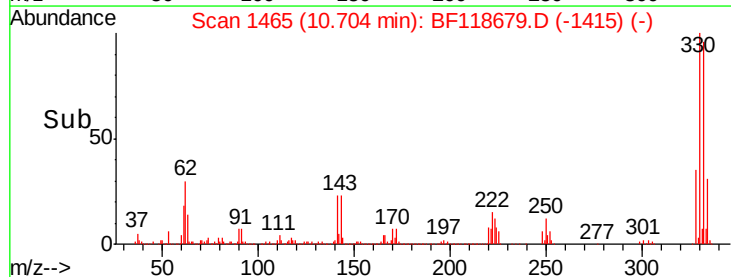
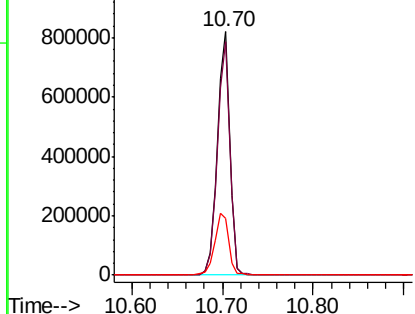


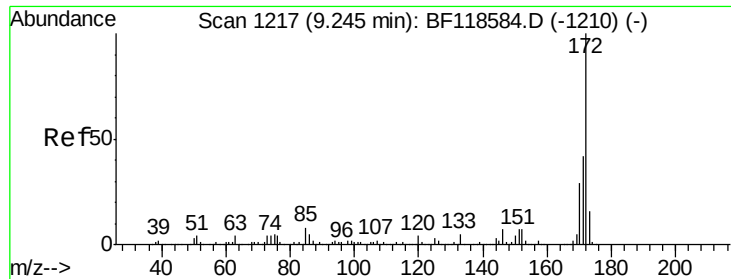
#42
 2,4,6-Tribromophenol
 Concen: 93.653 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118679.D
 Acq: 23 Jan 2020 17:12

Tgt Ion:330 Resp: 771300
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 28.0 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

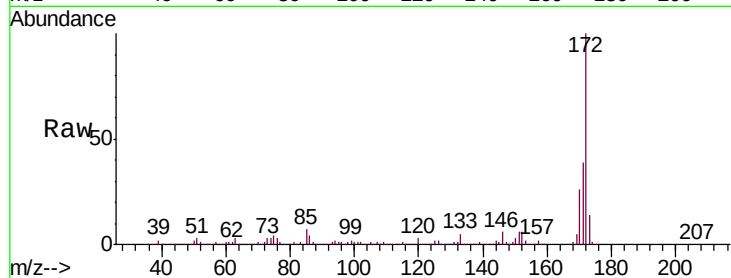




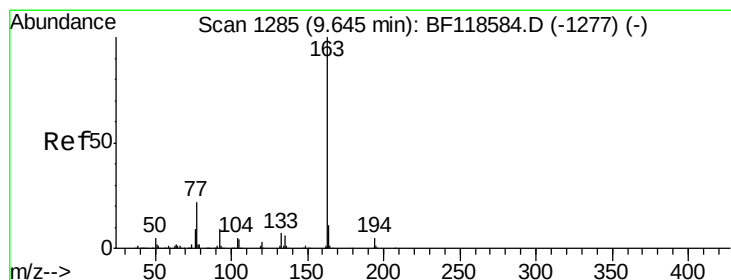
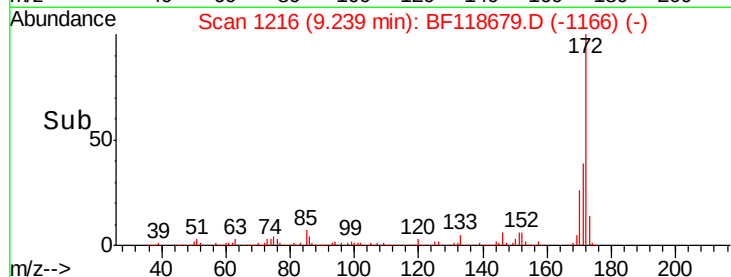
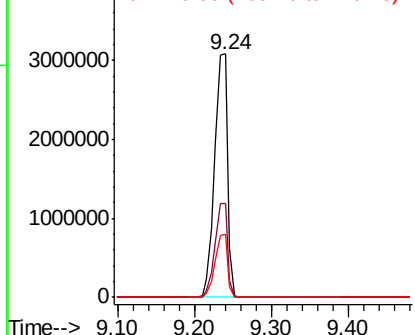
#45
2-Fluorobiphenyl
Concen: 80.964 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SH-BC

Tgt Ion:172 Resp: 3507523
Ion Ratio Lower Upper
172 100
171 38.7 33.4 50.2
170 26.1 23.2 34.8

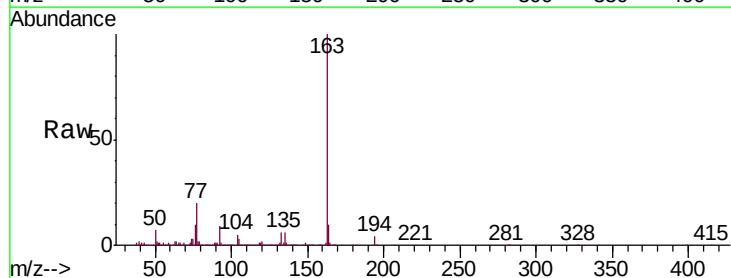


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

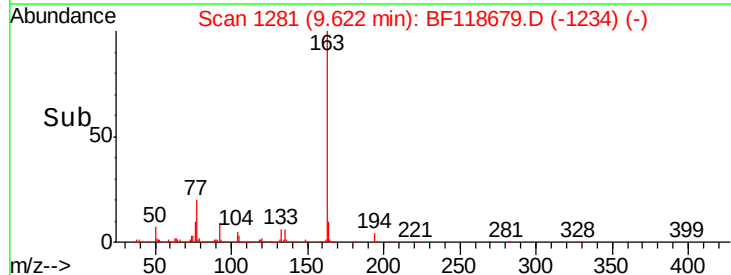
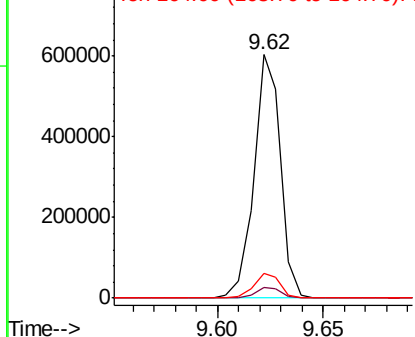


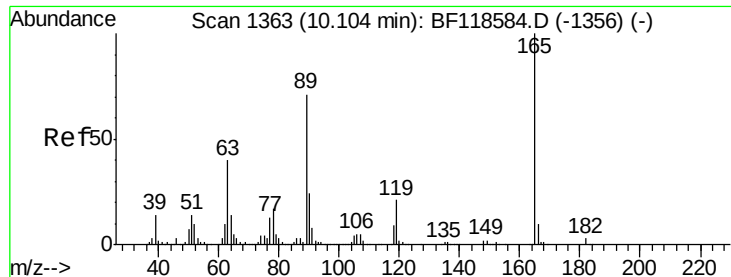
#50
Dimethylphthalate
Concen: 11.288 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Tgt Ion:163 Resp: 523682
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.3 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

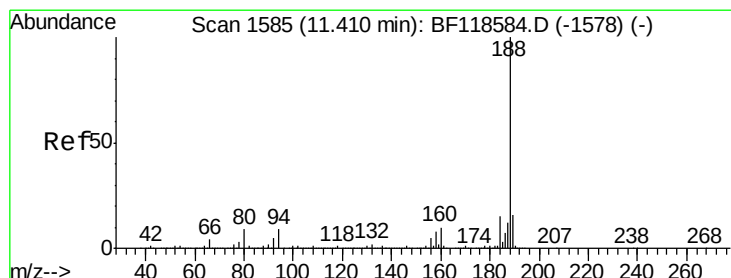
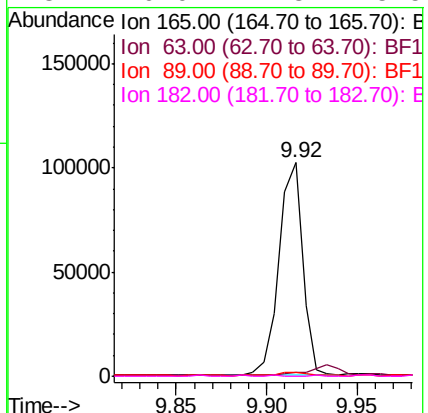
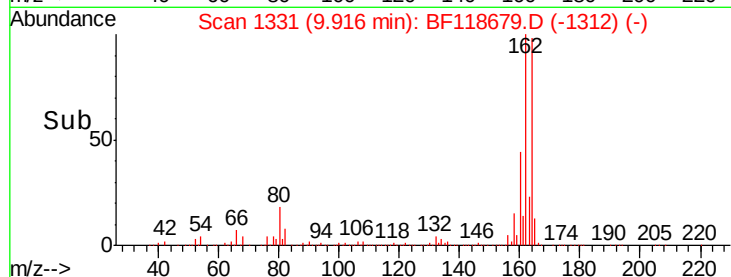
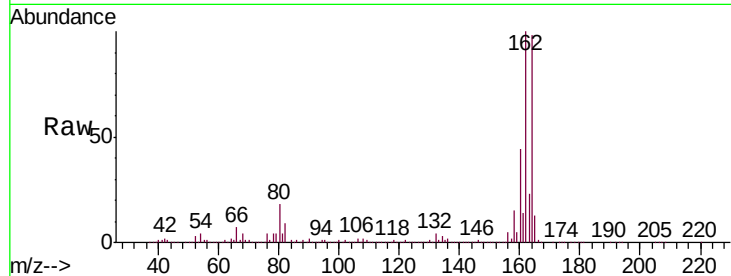




#57
 2,4-Dinitrotoluene
 Concen: 7.118 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118679.D
 Acq: 23 Jan 2020 17:12

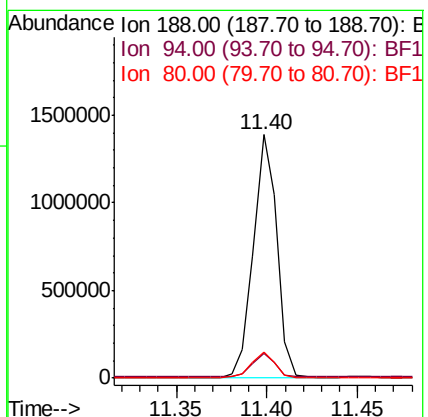
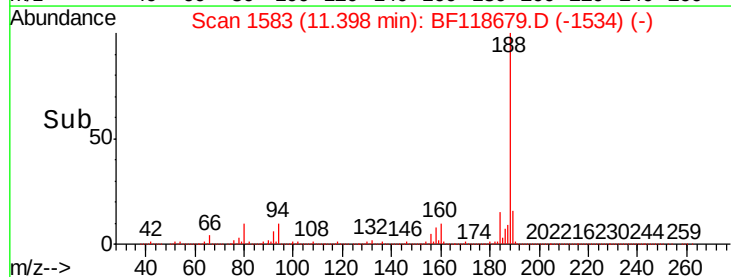
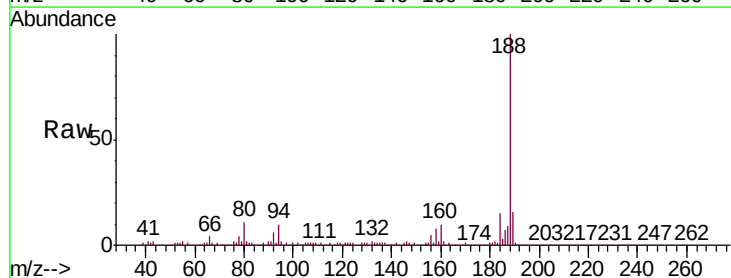
Instrument :
 BNA_F
 ClientSampleId :
 SH-BC

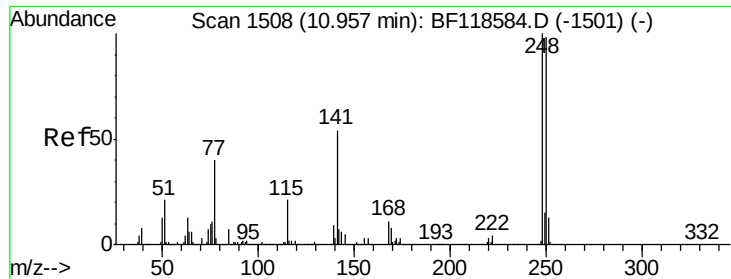
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.4	48.6#
89	1.5	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118679.D
 Acq: 23 Jan 2020 17:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.1	10.7
80	10.8	7.5	11.3

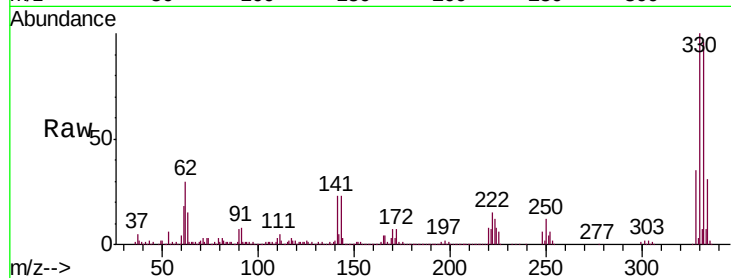




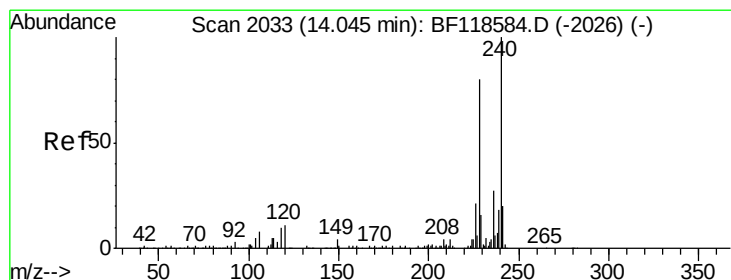
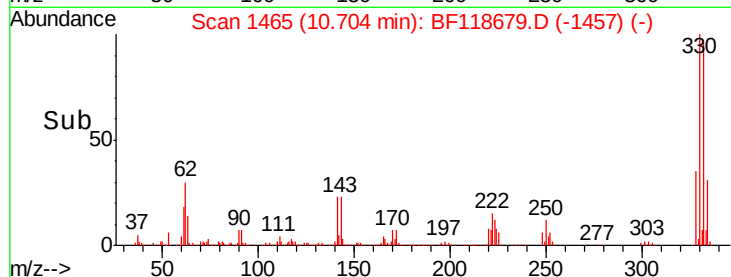
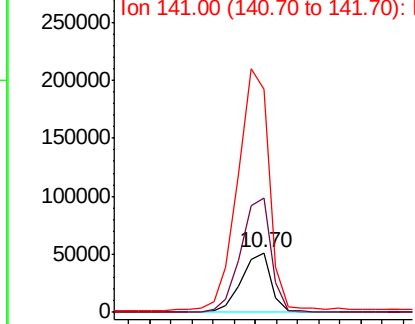
#67
4-Bromophenyl-phenylether
Concen: 3.211 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SH-BC

Tgt Ion:248 Resp: 49743
Ion Ratio Lower Upper
248 100
250 193.0 78.7 118.1#
141 375.1 43.2 64.8#

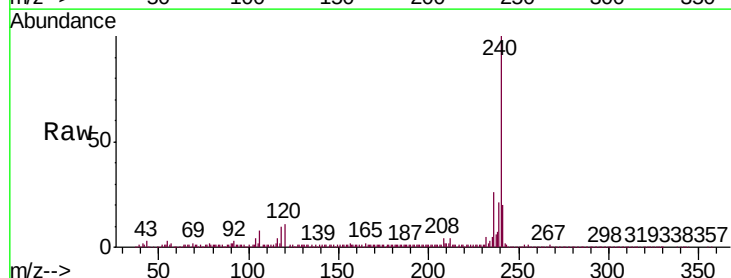


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

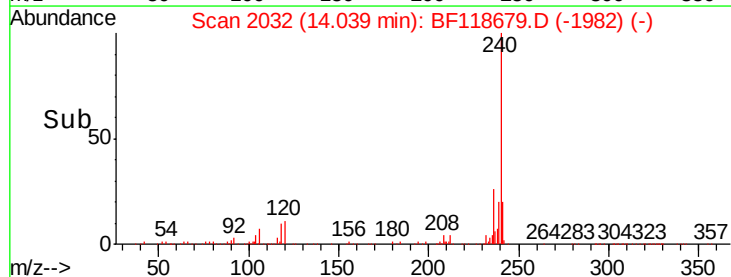
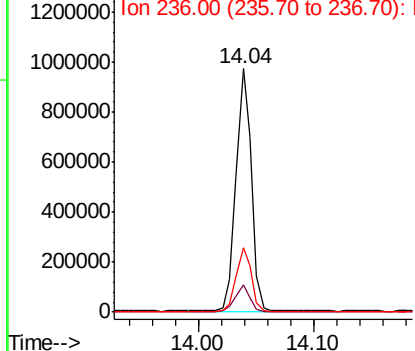


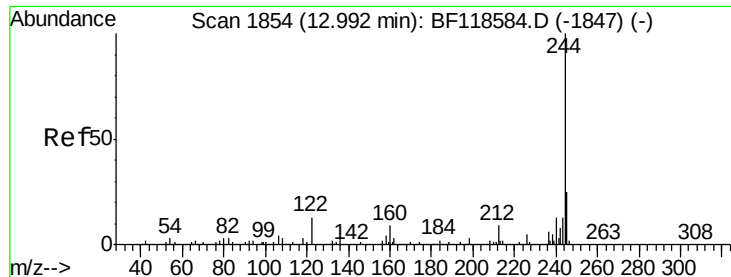
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Tgt Ion:240 Resp: 884900
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.4 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





#79

Terphenyl-d14

Concen: 97.569 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

Instrument :

BNA_F

ClientSampleId :

SH-BC

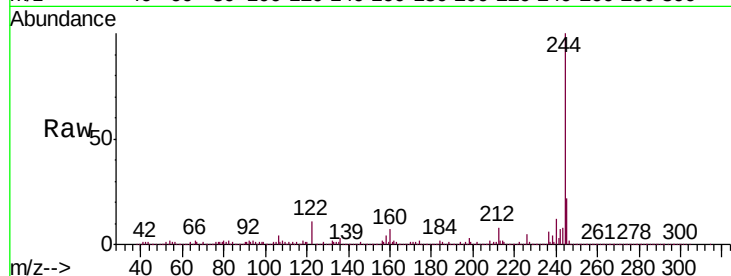
Tgt Ion:244 Resp: 3958527

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

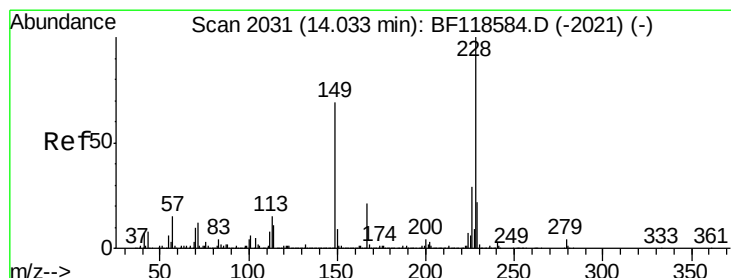
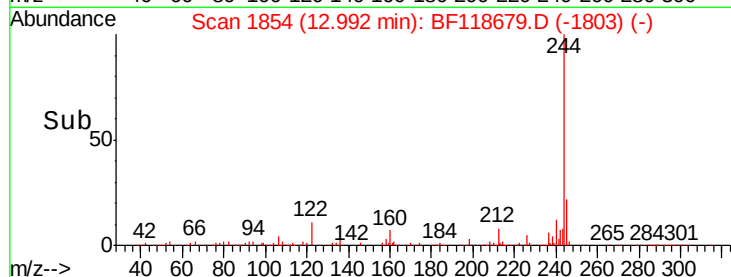
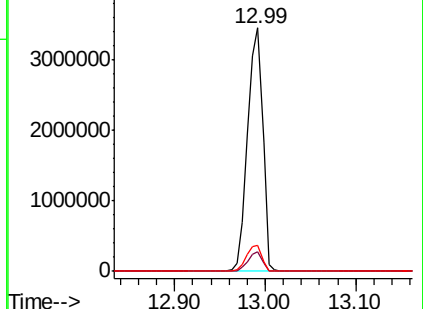
122 10.9 10.7 16.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.370 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118679.D

Acq: 23 Jan 2020 17:12

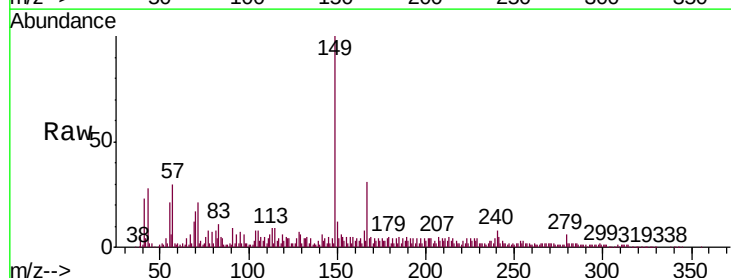
Tgt Ion:149 Resp: 161312

Ion Ratio Lower Upper

149 100

167 31.0 24.2 36.4

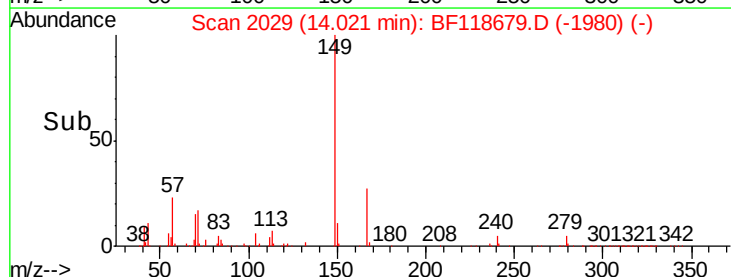
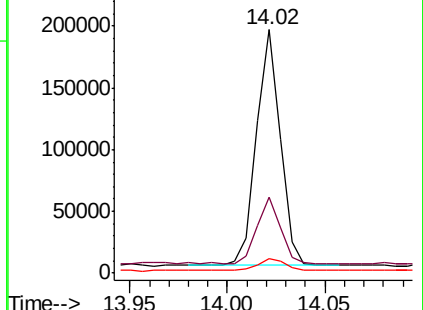
279 5.7 5.0 7.4

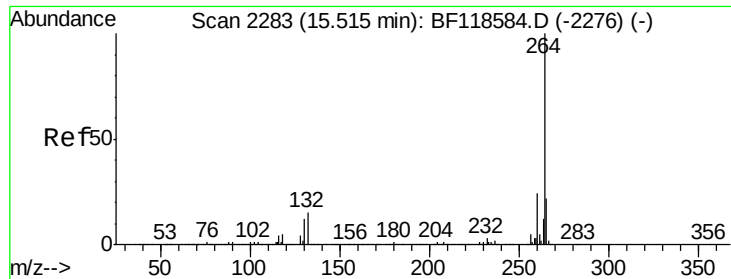


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118679.D
Acq: 23 Jan 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SH-BC

Tgt Ion:	264	Resp:	839323
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.9	17.7	26.5

