

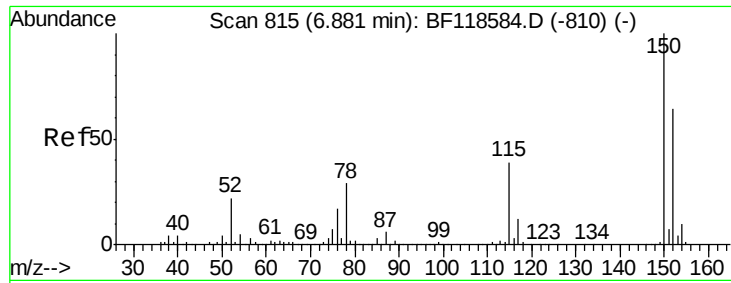
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118729.D
 Acq On : 29 Jan 2020 14:14
 Operator : CG/JU
 Sample : L1289-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:08:08 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315564	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1205021	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	670382	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1258542	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	845442	20.00	ng	-0.02
87) Perylene-d12	15.46	264	772503	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1789261	105.31	ng	0.00
7) Phenol-d6	6.47	99	2232692	101.10	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1440096	66.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	823475	106.20	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2696087	66.10	ng	-0.02
79) Terphenyl-d14	12.95	244	3061077	78.97	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	81988	3.258	ng	99
19) n-Nitroso-di-n-propylamine	7.40	70	194598	13.050	ng	# 79
25) Isophorone	7.40	82	1435861	36.541	ng	# 63
50) Dimethylphthalate	9.59	163	551034	12.616	ng	99
57) 2,4-Dinitrotoluene	9.88	165	88722	7.196	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	52221	3.359	ng	# 1

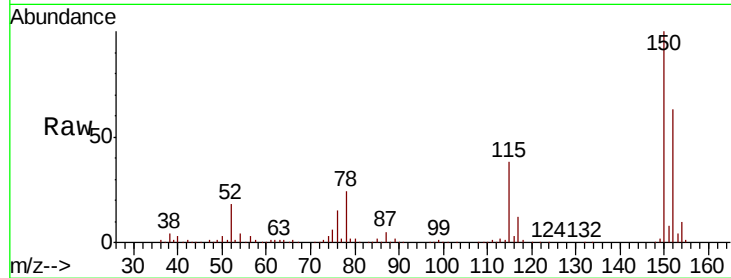
(#) = qualifier out of range (m) = manual integration (+) = signals summed



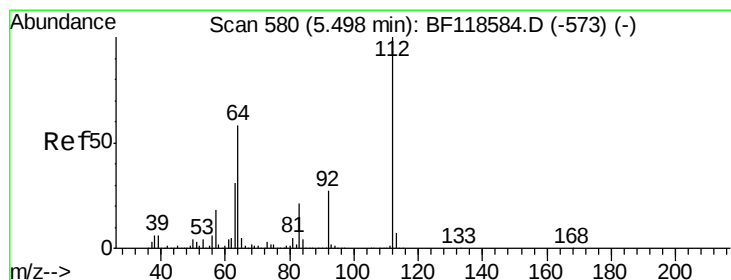
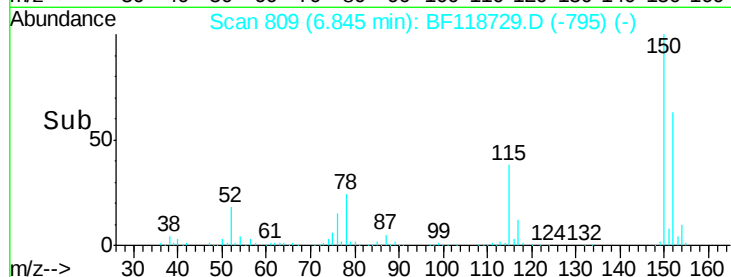
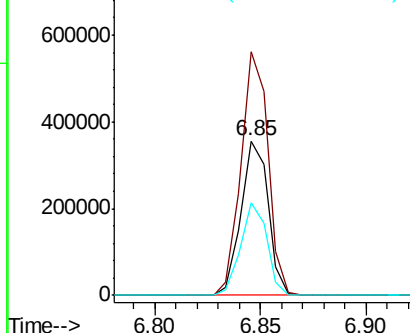
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 315564
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.7 185.5
 115 60.0 45.1 67.7

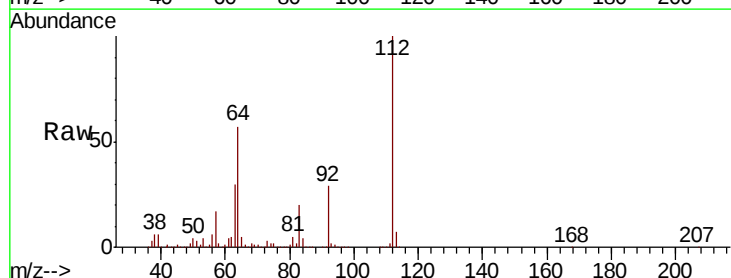


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

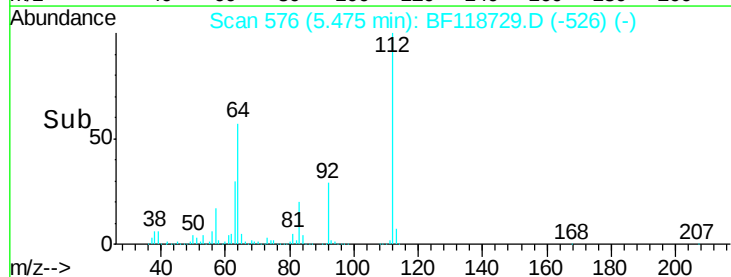
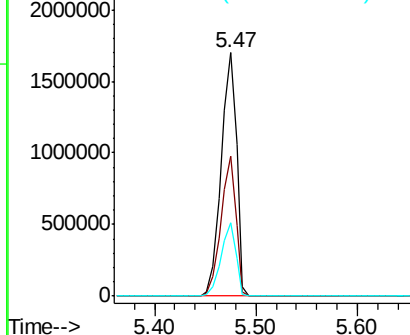


#5
 2-Fluorophenol
 Concen: 105.307 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

Tgt Ion:112 Resp: 1789261
 Ion Ratio Lower Upper
 112 100
 64 57.2 42.4 63.6
 63 30.1 21.7 32.5



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: 101.101 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

Instrument :

BNA_F

ClientSampled :

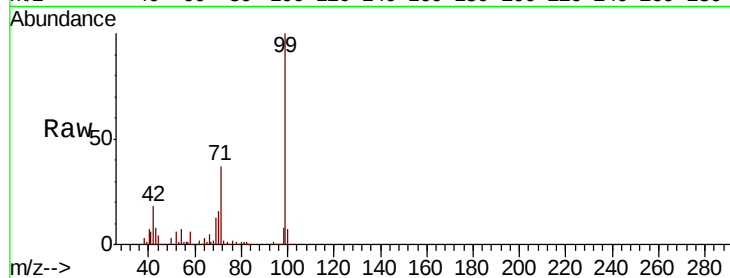
Tot Ion: 99 Resp: 2232692

Ion Ratio Lower Upper

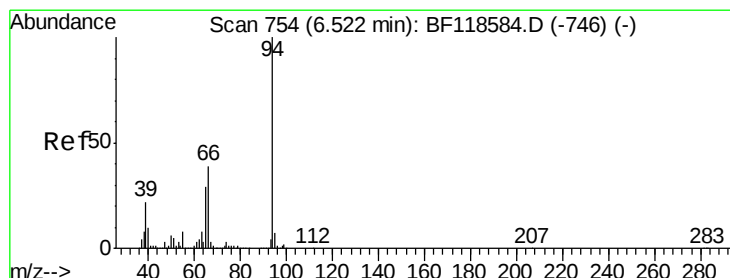
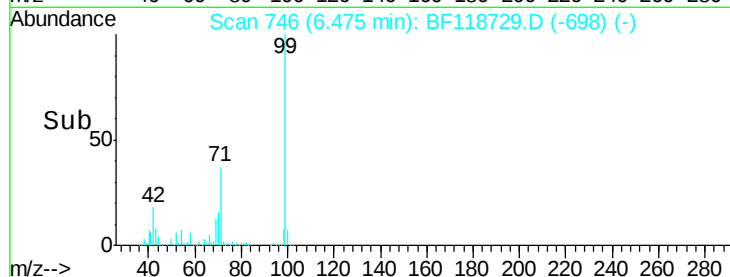
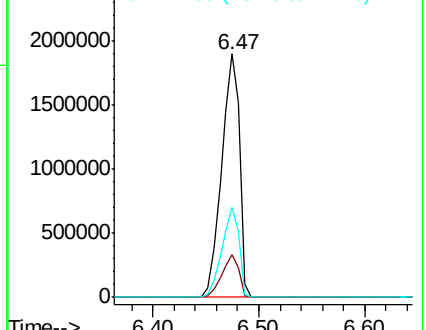
99 100

42 17.7 13.1 19.7

71 37.1 28.4 42.6



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: 3.258 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

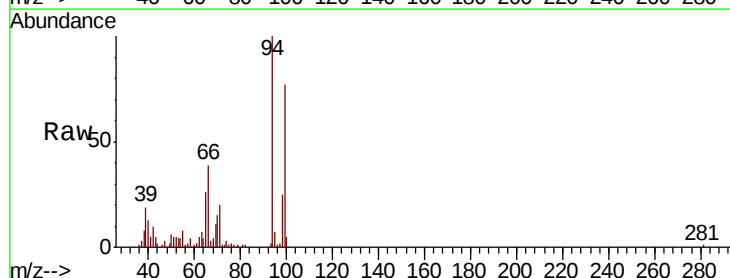
Tgt Ion: 94 Resp: 81988

Ion Ratio Lower Upper

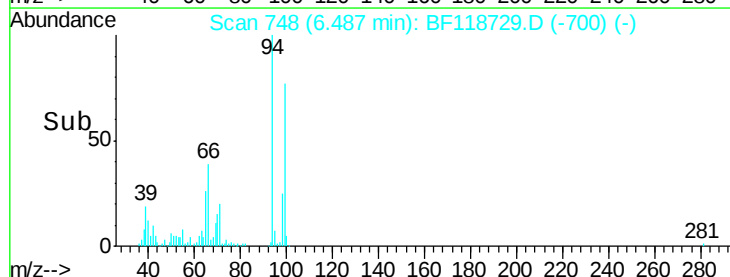
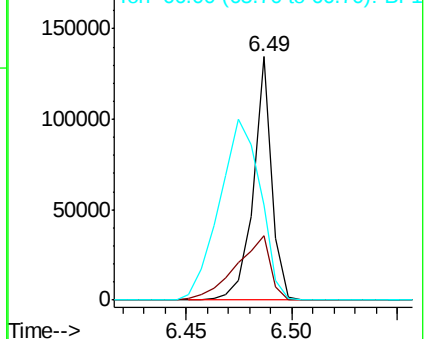
94 100

65 26.4 7.9 47.9

66 39.0 19.1 59.1



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

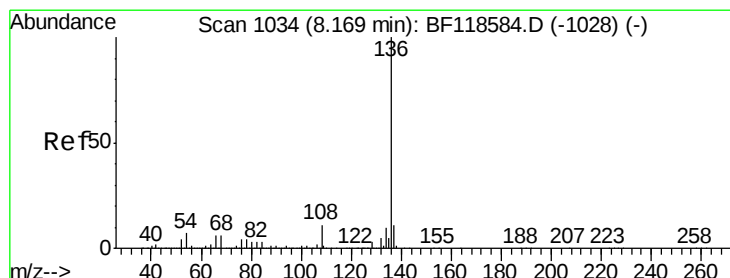
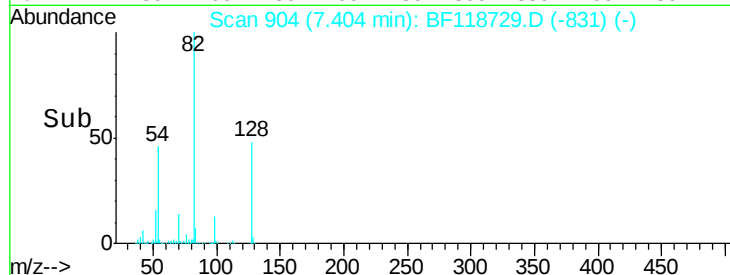
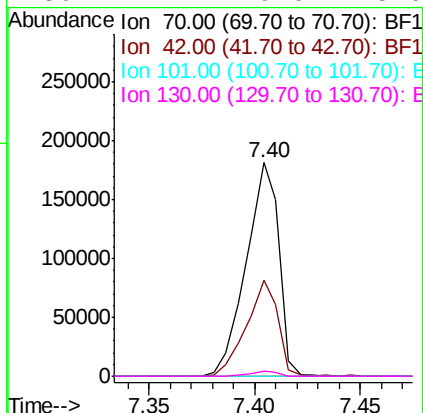
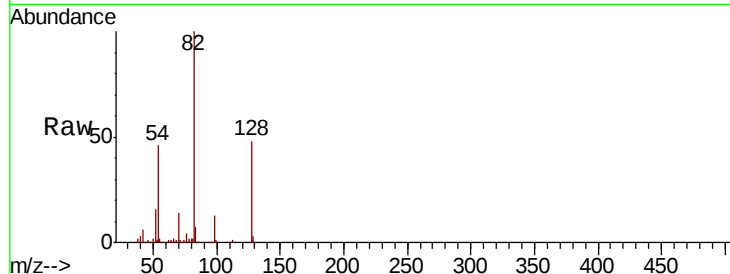




#19
n-Nitroso-di-n-propylamine
Concen: 13.050 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118729.D
Acq: 29 Jan 2020 14:14

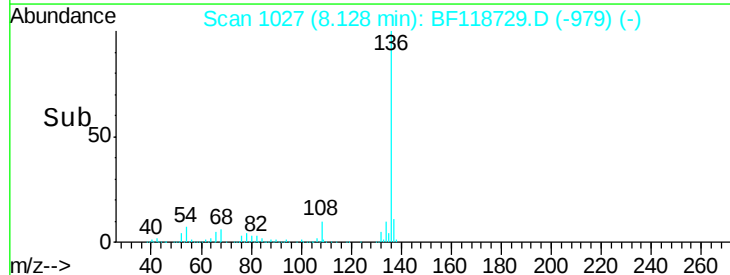
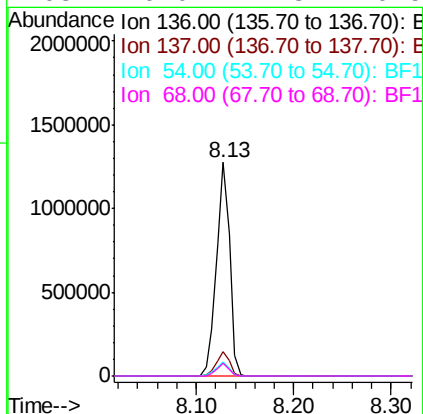
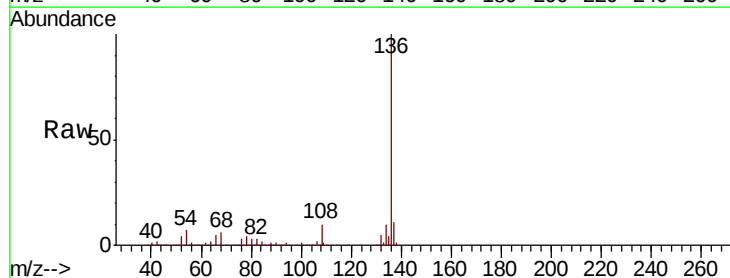
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 194598
Ion Ratio Lower Upper
70 100
42 45.0 41.6 62.4
101 0.0 7.9 11.9#
130 2.4 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118729.D
Acq: 29 Jan 2020 14:14

Tgt Ion:136 Resp: 1205021
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.6 5.1 7.7
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 66.846 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

Instrument :

BNA_F

ClientSampleId :

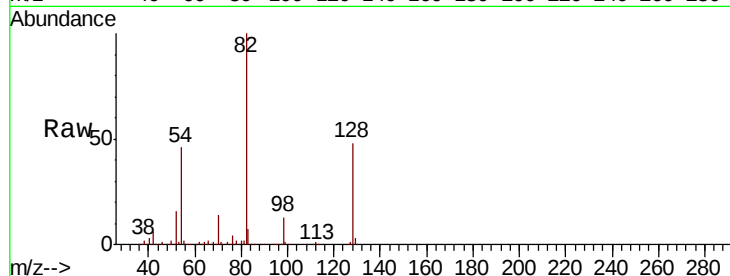
Tot Ion: 82 Resp: 1440096

Ion Ratio Lower Upper

82 100

128 48.4 38.2 57.2

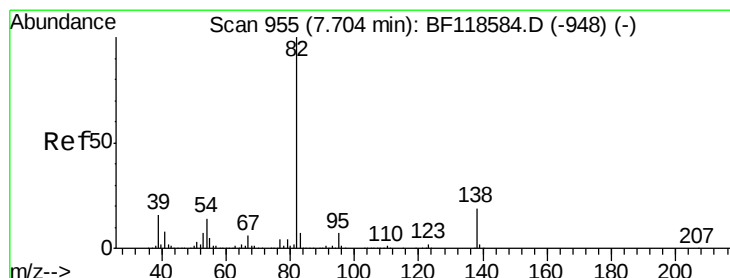
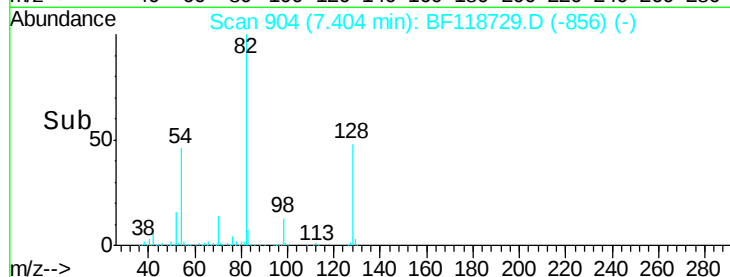
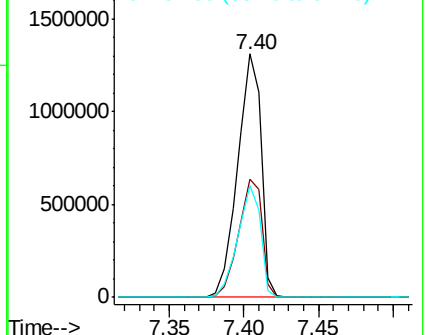
54 45.7 36.1 54.1



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: 36.541 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

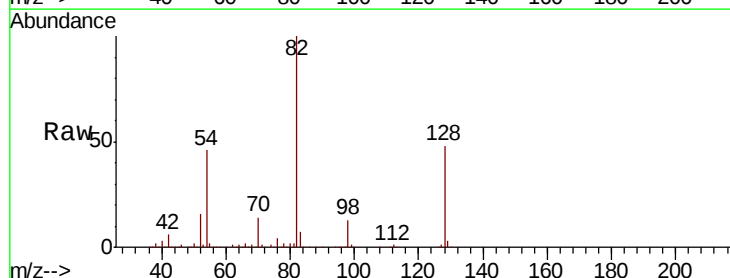
Tgt Ion: 82 Resp: 1435861

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

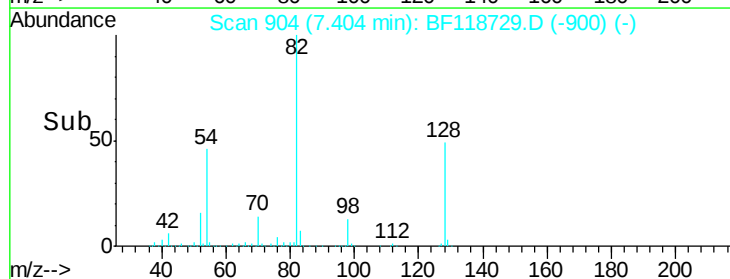
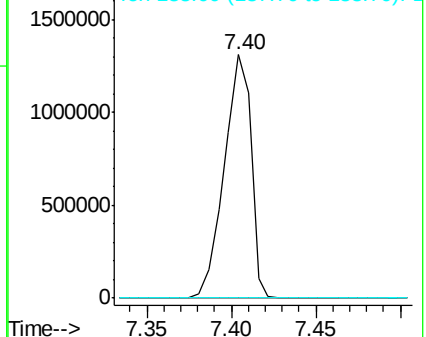
138 0.0 15.8 23.8#

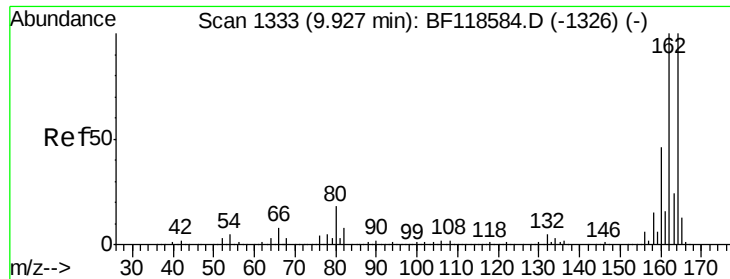


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

Instrument :

BNA_F

ClientSampled :

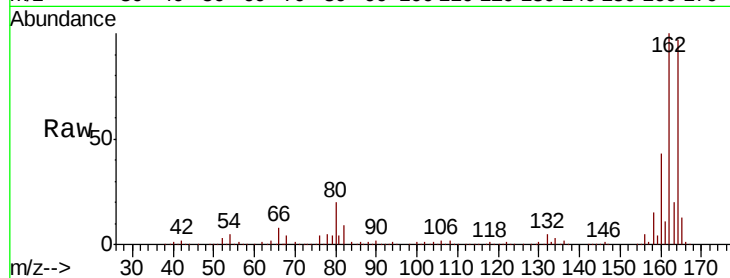
Tot Ion:164 Resp: 670382

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

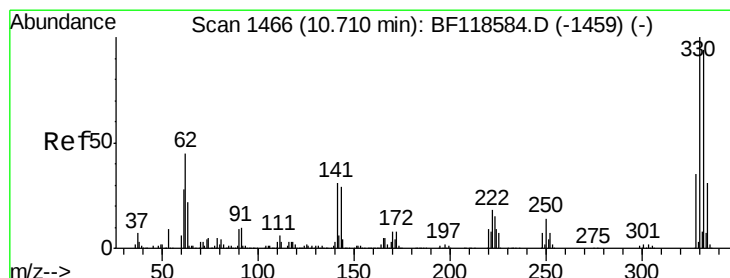
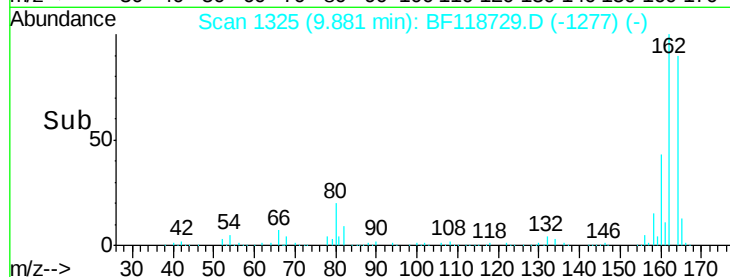
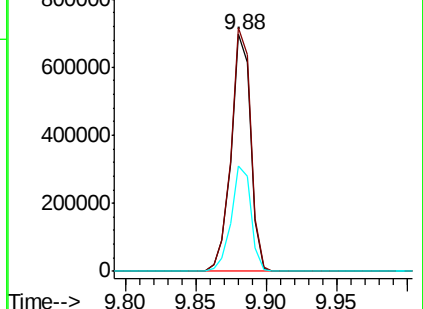
160 44.3 35.4 53.0



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: 106.202 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118729.D

Acq: 29 Jan 2020 14:14

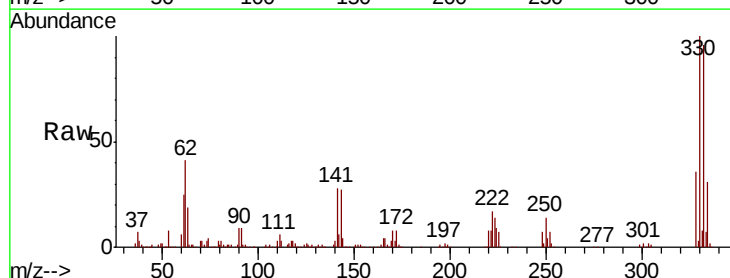
Tgt Ion:330 Resp: 823475

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

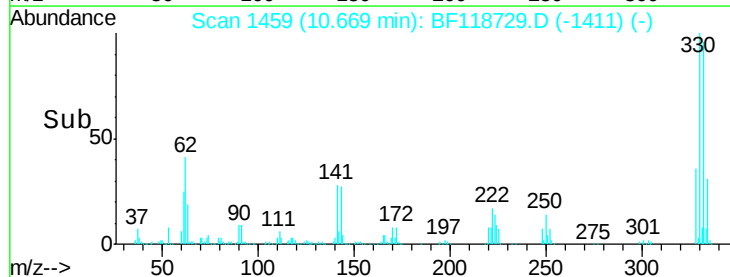
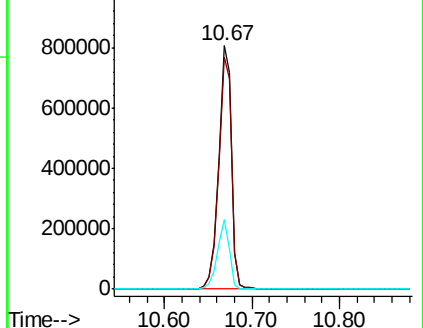
141 26.8 22.2 33.2

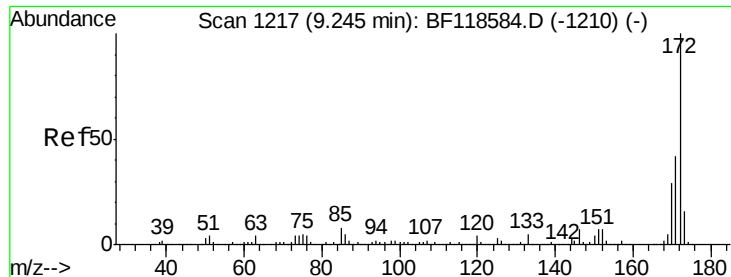


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

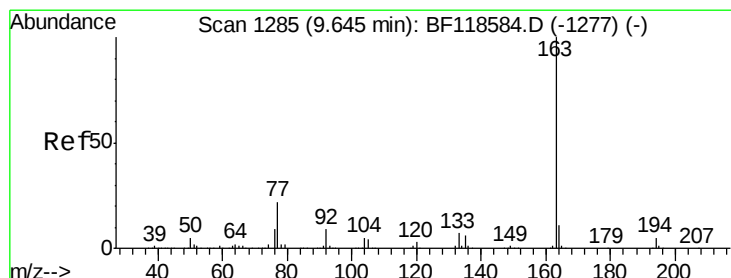
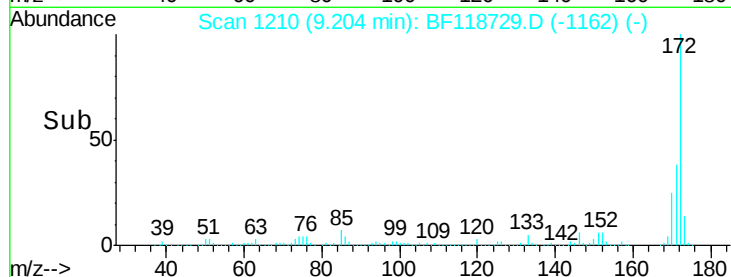
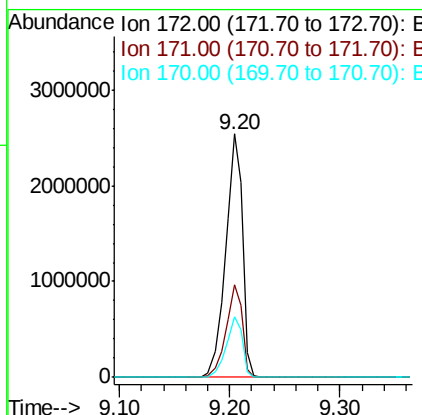
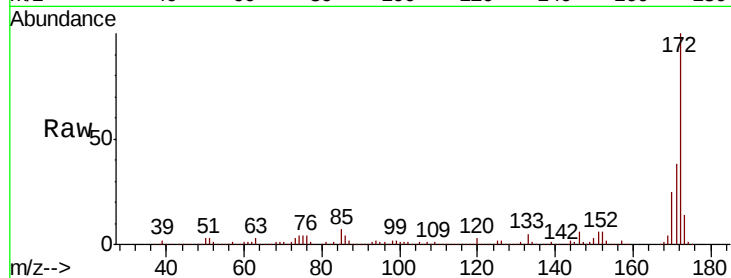




#45
2-Fluorobiphenyl
Concen: 66.102 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118729.D
Acq: 29 Jan 2020 14:14

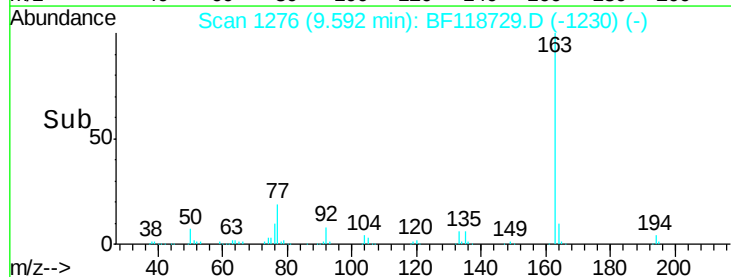
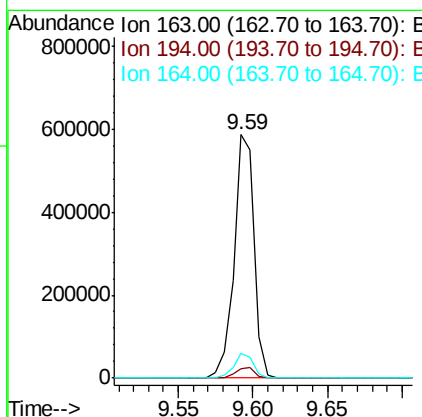
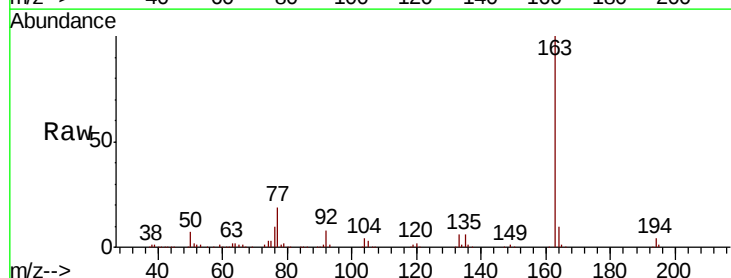
Instrument :
BNA_F
ClientSampleId :

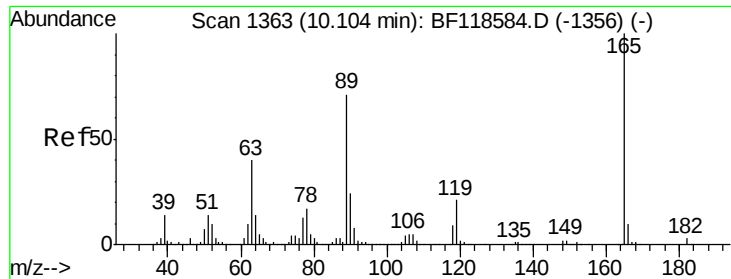
Tot Ion:172 Resp: 2696087
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.1 20.7 31.1



#50
Dimethylphthalate
Concen: 12.616 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118729.D
Acq: 29 Jan 2020 14:14

Tgt Ion:163 Resp: 551034
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 10.1 8.2 12.2

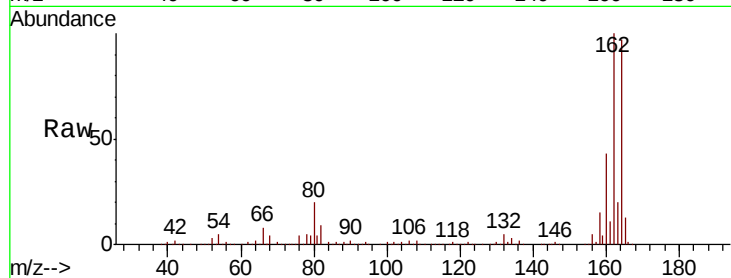




#57
 2,4-Dinitrotoluene
 Concen: 7.196 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	28.5	42.7#
89	1.2	50.4	75.6#
182	0.0	2.3	3.5#

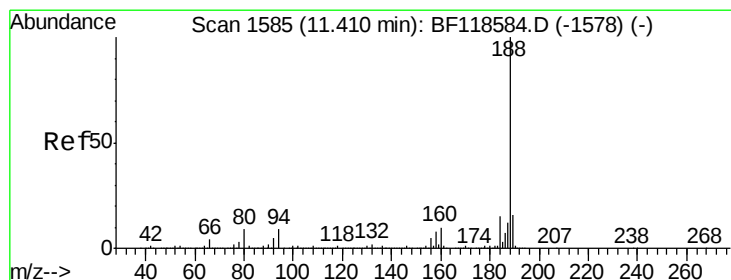
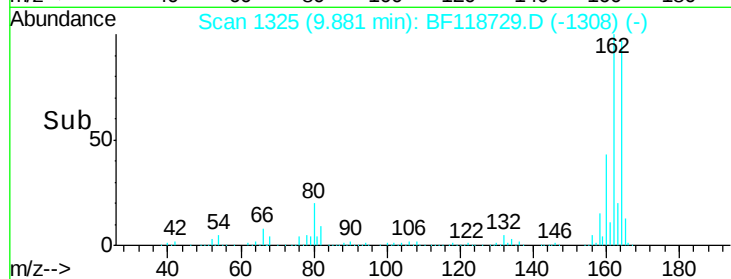
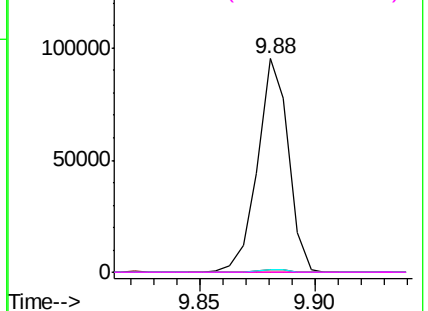


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

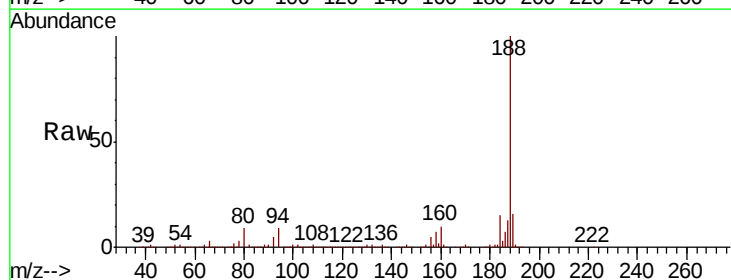
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

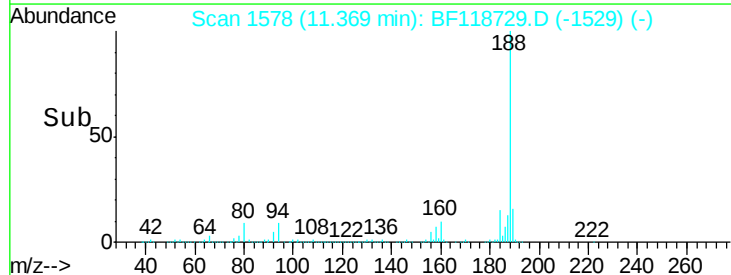
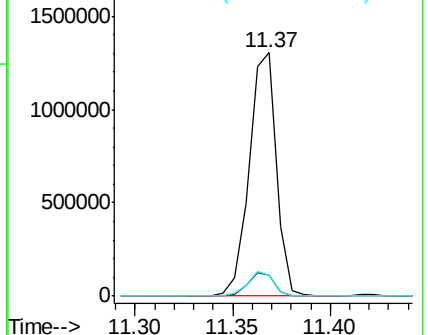
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	8.7	7.8	11.8



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

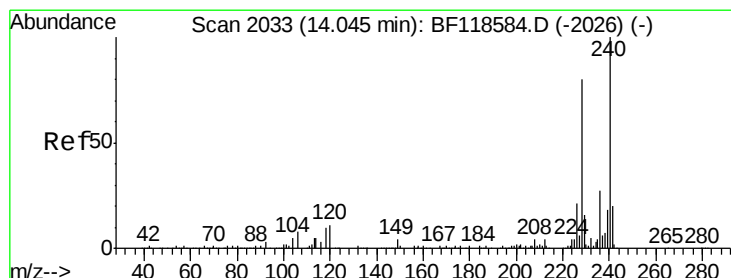
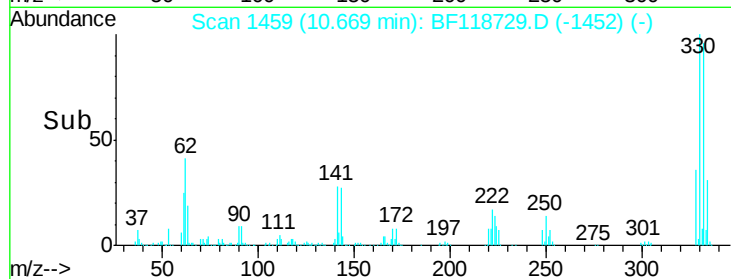
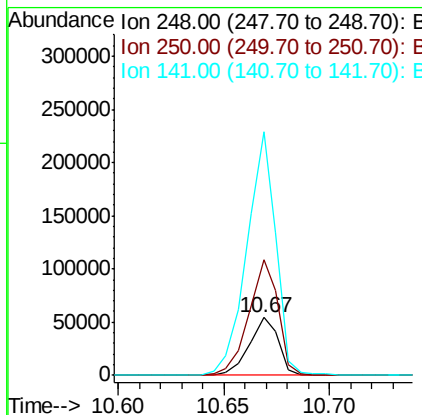
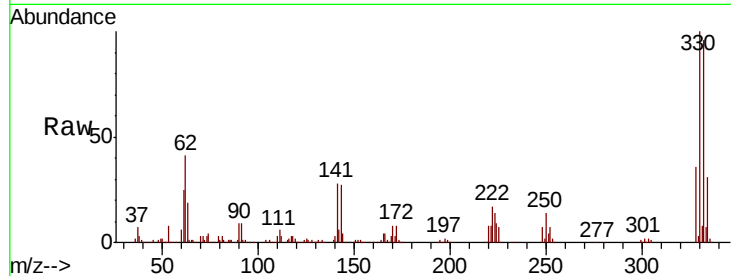




#67
 4-Bromophenyl-phenylether
 Concen: 3.359 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.26 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

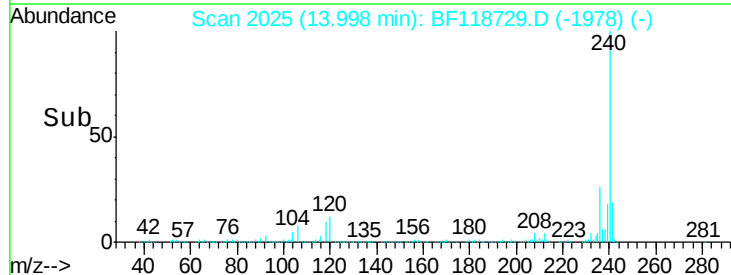
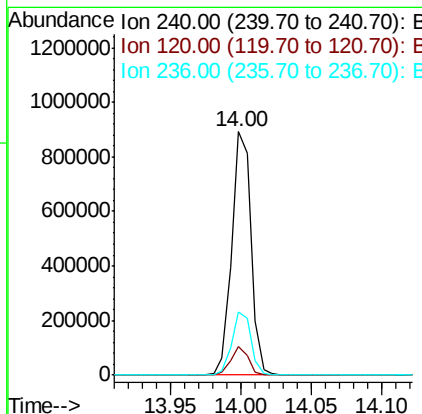
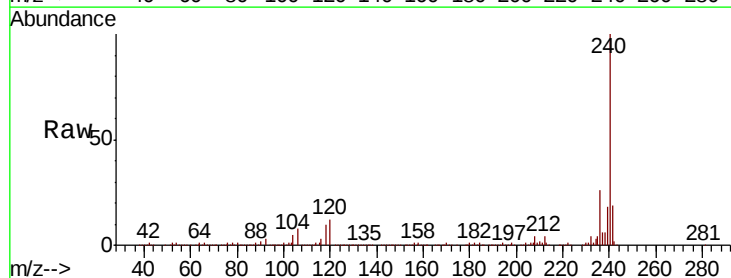
Instrument :
 BNA_F
 ClientSampleId :

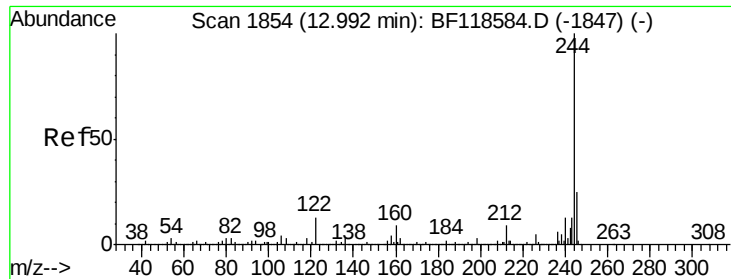
Tot Ion:248 Resp: 52221
 Ion Ratio Lower Upper
 248 100
 250 201.9 78.7 118.1#
 141 423.0 48.4 72.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

Tgt Ion:240 Resp: 845442
 Ion Ratio Lower Upper
 240 100
 120 11.6 7.6 11.4#
 236 25.8 21.0 31.4



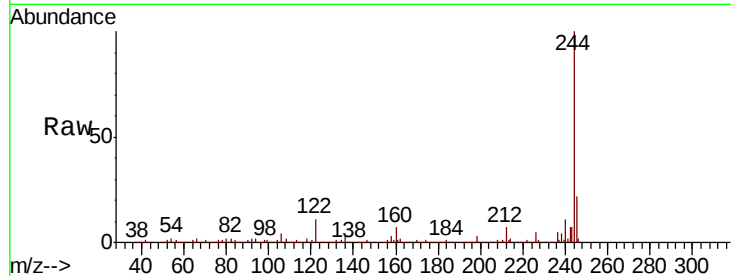


#79
 Terphenyl-d14
 Concen: 78.970 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

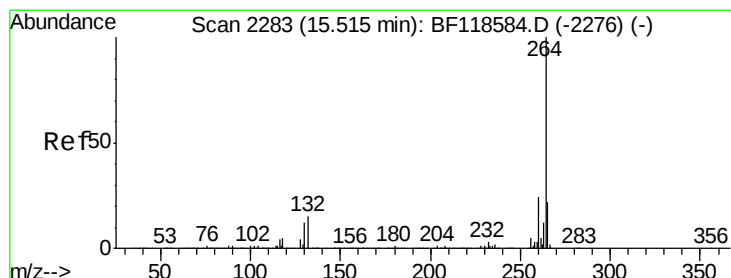
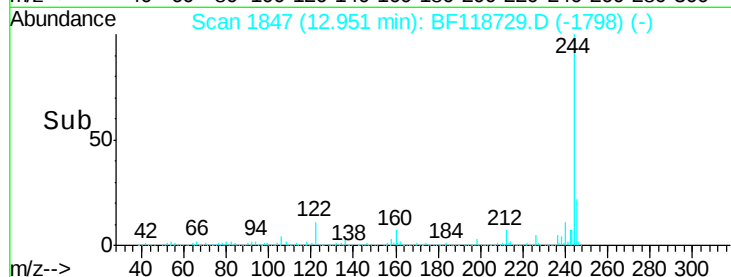
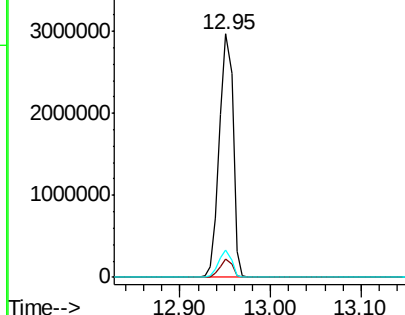
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3061077

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	11.2	9.2	13.8



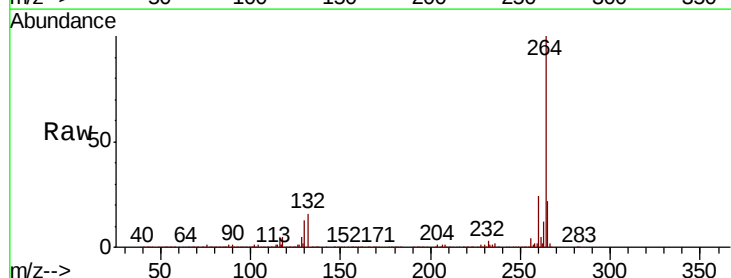
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF118729.D
 Acq: 29 Jan 2020 14:14

Tgt Ion:264 Resp: 772503

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.0	25.6



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

