

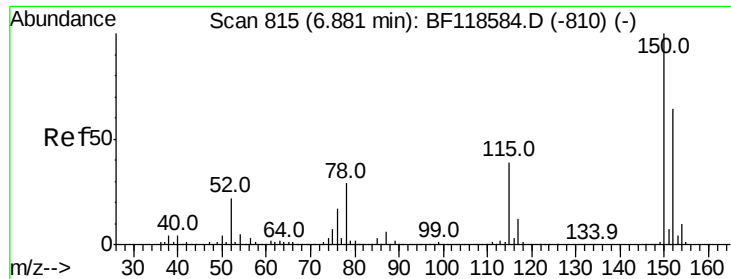
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118595.D
 Acq On : 20 Jan 2020 17:07
 Operator : CG/JU
 Sample : K1154-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:41:12 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	6.88	152	462095	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1686385	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	969504	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1770612	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1152666	20.00	ng	0.00
87) Perylene-d12	15.51	264	1077401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2610667	104.93	ng	0.00
7) Phenol-d6	6.50	99	3620526	111.96	ng	0.00
23) Nitrobenzene-d5	7.44	82	2281239	75.66	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1277678	113.94	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4142744	70.23	ng	0.00
79) Terphenyl-d14	12.99	244	4694440	88.83	ng	0.00
Target Compounds						
10) Phenol	6.52	94	148224	4.022	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	324868	14.878	ng	# 77
25) Isophorone	7.44	82	2274964	41.369	ng	# 64
50) Dimethylphthalate	9.63	163	381843	6.045	ng	97
57) 2,4-Dinitrotoluene	9.92	165	127685	7.161	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	82415	3.768	ng	# 1
77) Benizidine	12.99	184	68382	2.220	ng	# 94

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

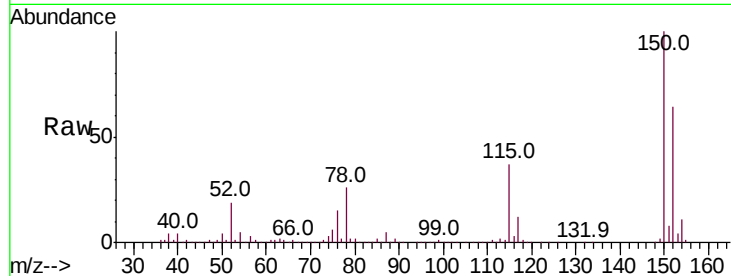


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	58.2	48.4	72.6

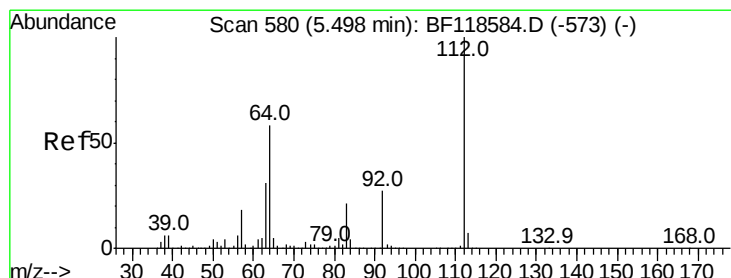
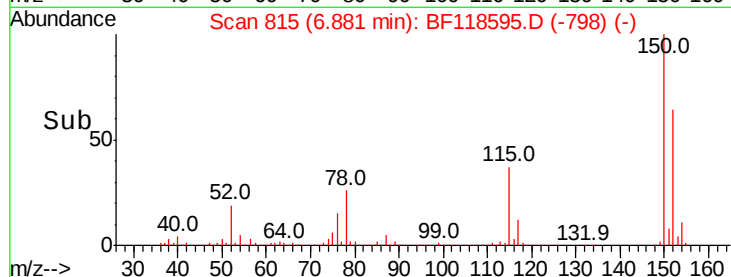
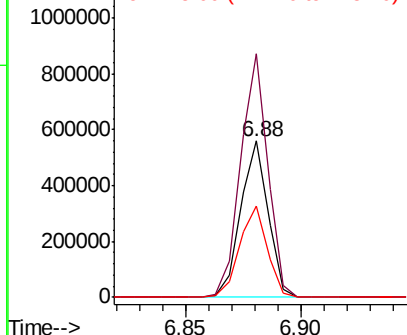


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

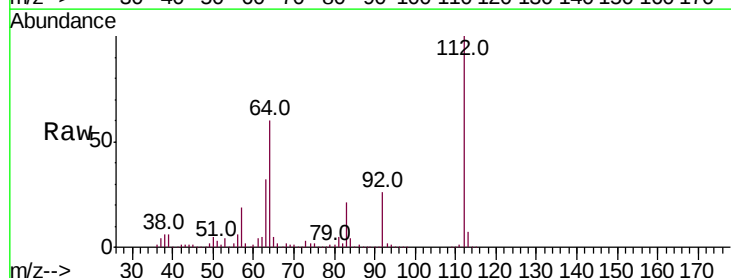
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.928 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.6	70.0
63	31.8	25.1	37.7

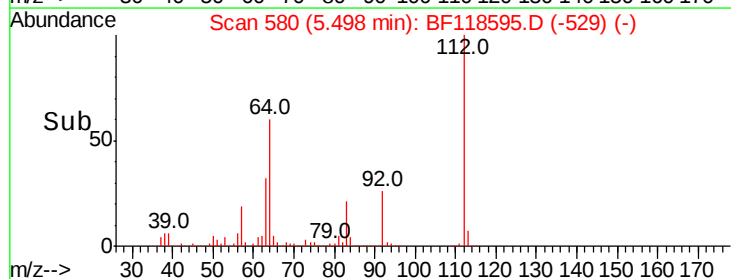
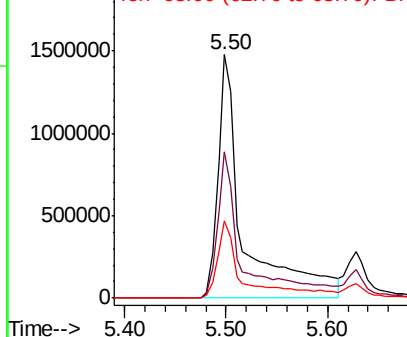


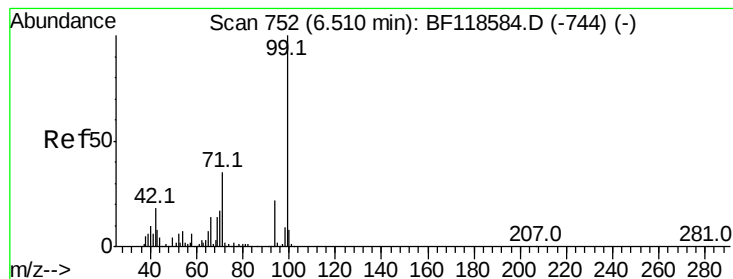
Abundance

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: 111.958 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118595.D

Acq: 20 Jan 2020 17:07

Instrument :

BNA_F

ClientSampleId :

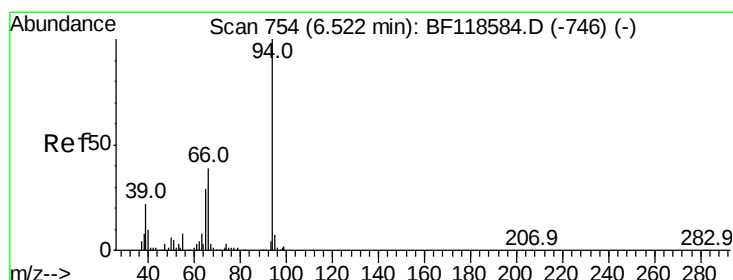
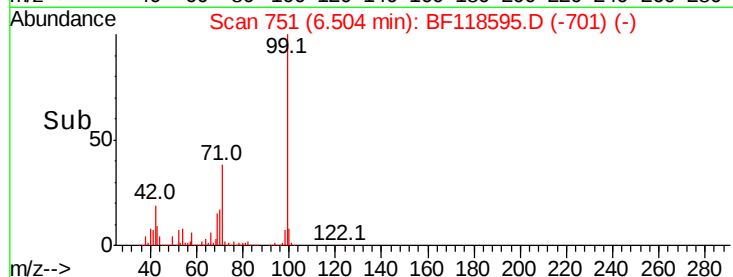
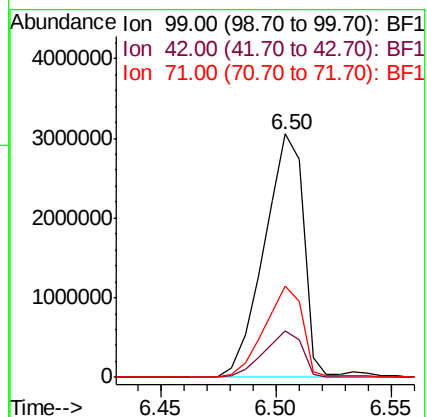
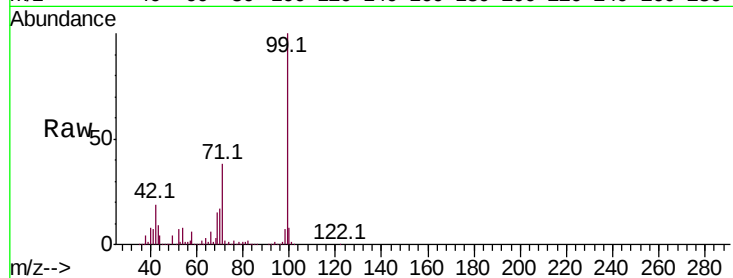
Tot Ion: 99 Resp: 3620526

Ion Ratio Lower Upper

99 100

42 19.3 14.2 21.2

71 37.6 27.8 41.6



#10

Phenol

Concen: 4.022 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118595.D

Acq: 20 Jan 2020 17:07

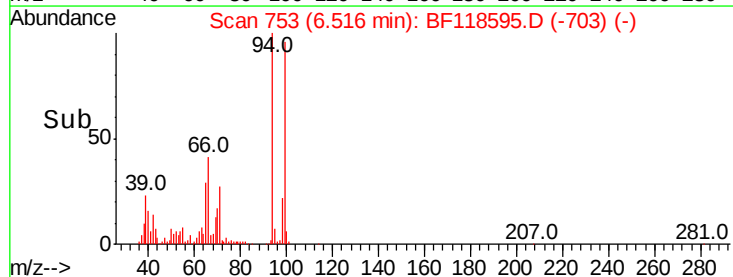
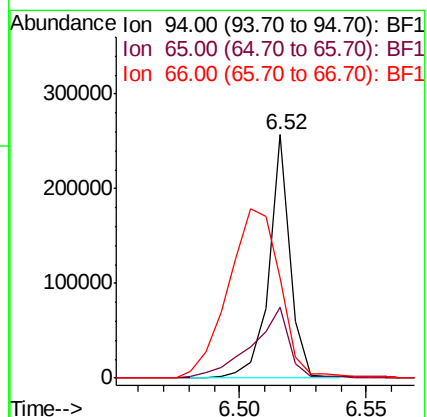
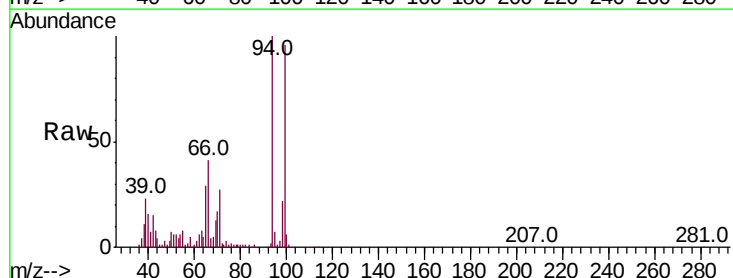
Tgt Ion: 94 Resp: 148224

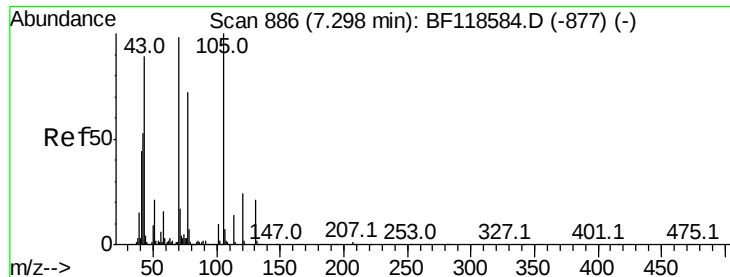
Ion Ratio Lower Upper

94 100

65 28.9 9.5 49.5

66 41.1 18.5 58.5

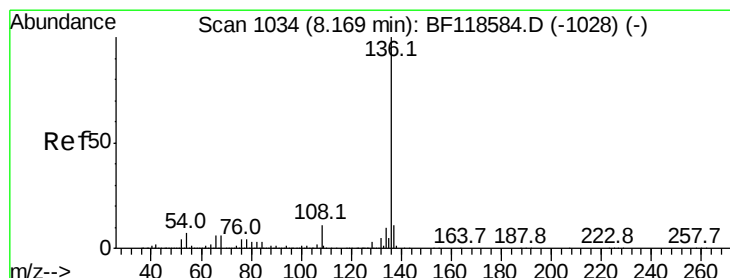
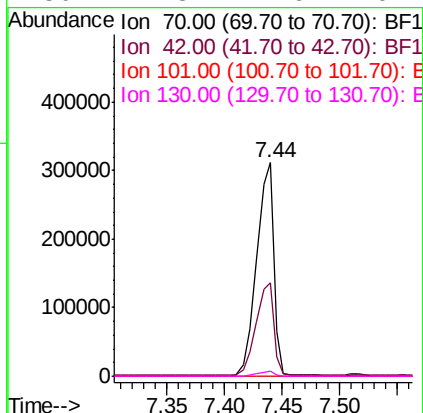
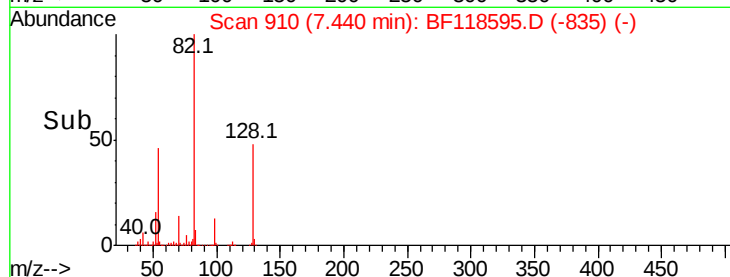
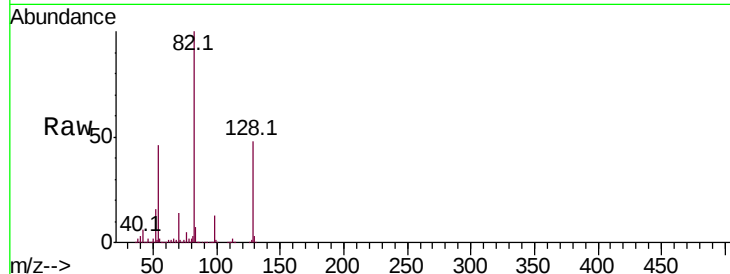




#19
n-Nitroso-di-n-propylamine
Concen: 14.878 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

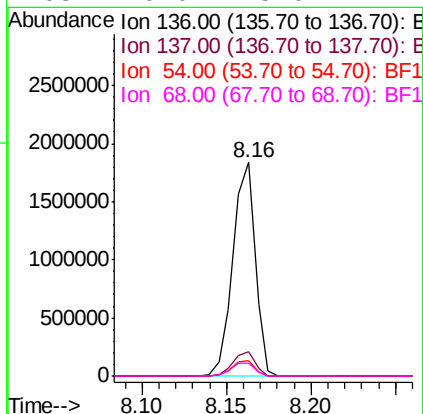
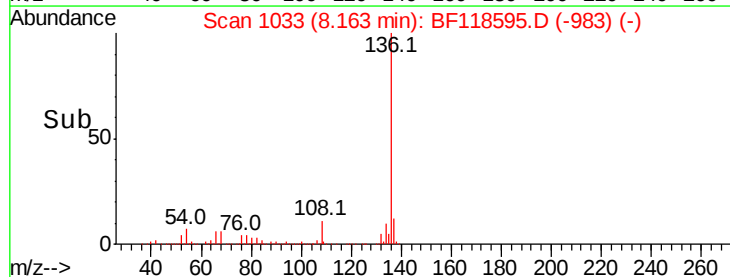
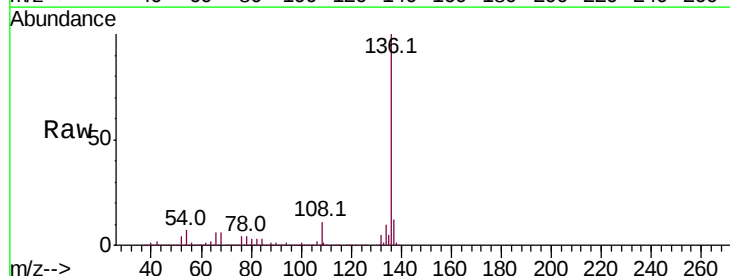
Instrument :
BNA_F
ClientSampleId :

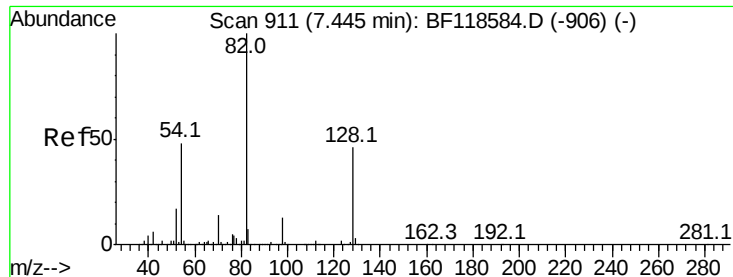
Tot Ion: 70 Resp: 324868
Ion Ratio Lower Upper
70 100
42 43.8 43.4 65.0
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Tgt Ion:136 Resp: 1686385
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.1 5.8 8.6
68 6.0 5.0 7.4

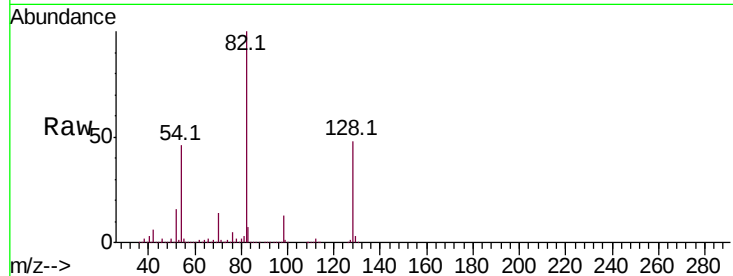




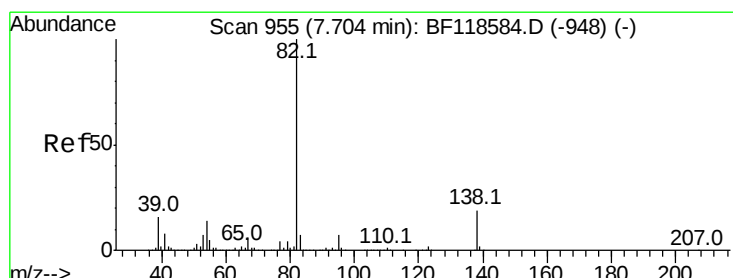
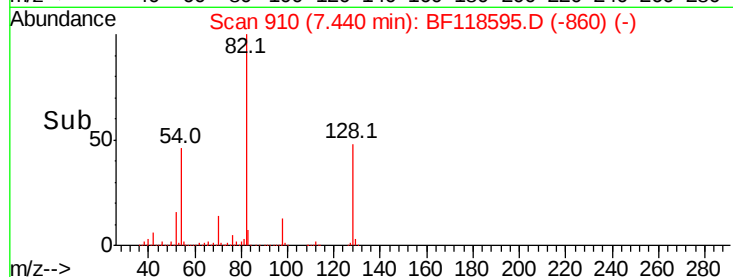
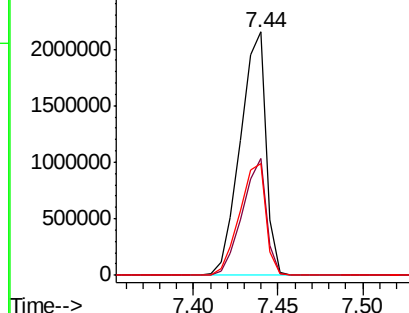
#23
Nitrobenzene-d5
Concen: 75.664 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2281239
Ion Ratio Lower Upper
82 100
128 48.2 36.6 54.8
54 46.1 38.0 57.0

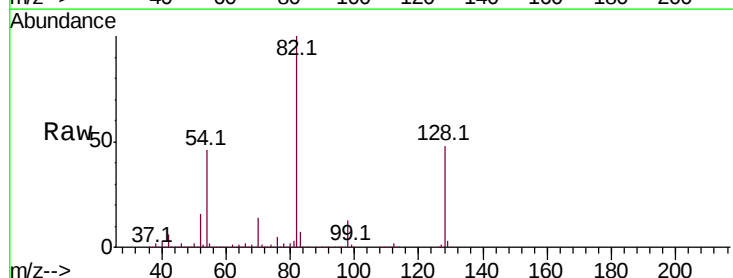


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

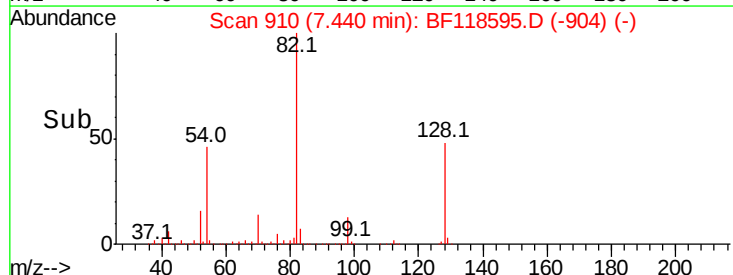
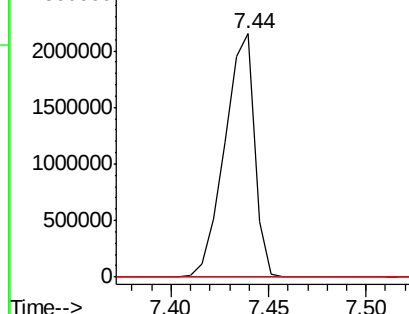


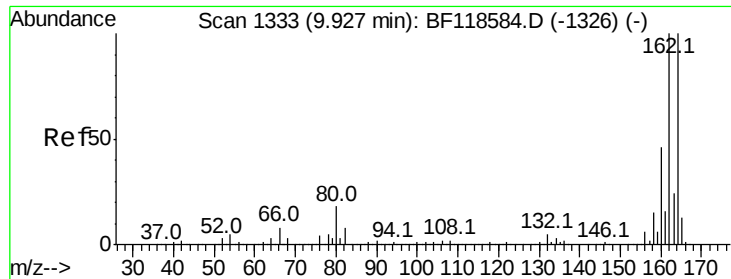
#25
Isophorone
Concen: 41.369 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Tgt Ion: 82 Resp: 2274964
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

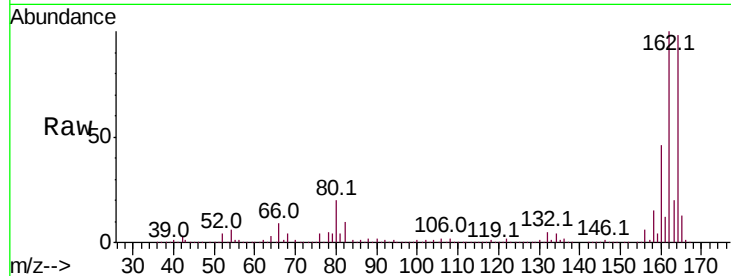




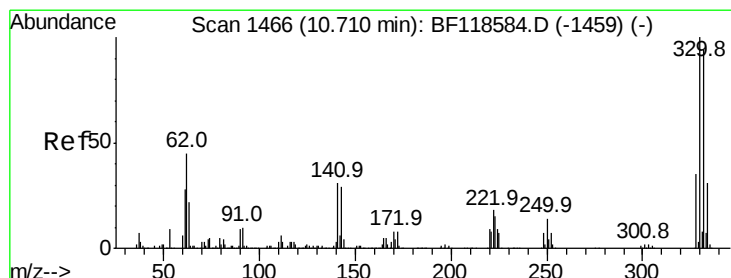
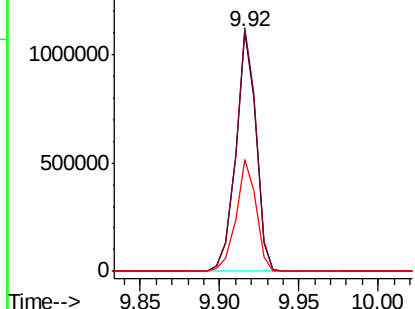
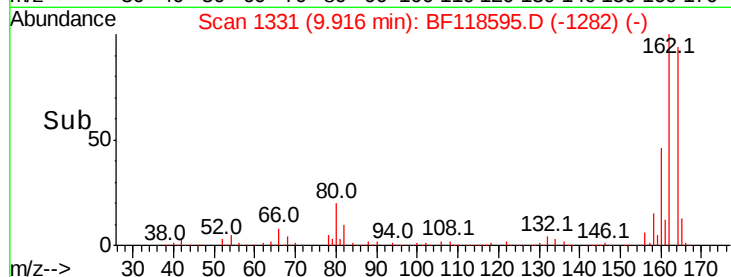
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 969504
Ion Ratio Lower Upper
164 100
162 101.8 80.4 120.6
160 46.6 36.6 55.0

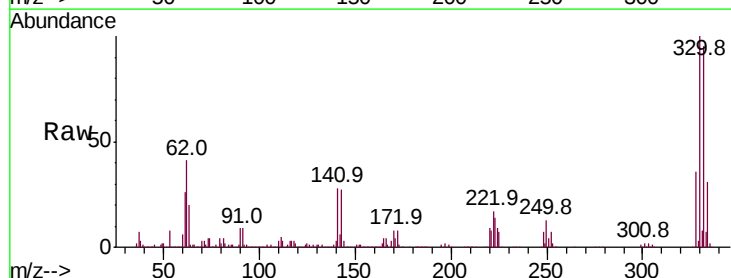


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

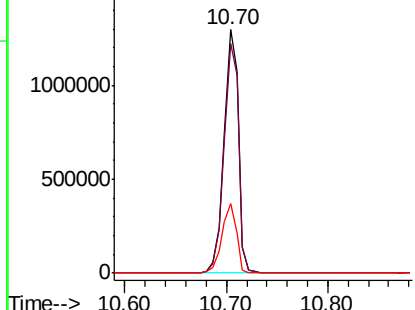
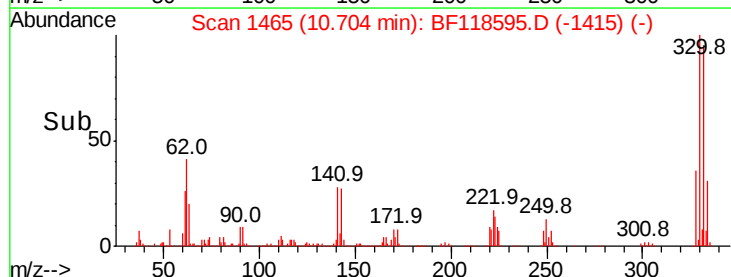


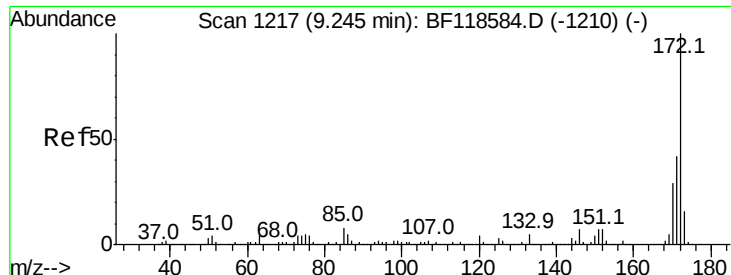
#42
2,4,6-Tribromophenol
Concen: 113.941 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118595.D
Acq: 20 Jan 2020 17:07

Tgt Ion:330 Resp: 1277678
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 28.9 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



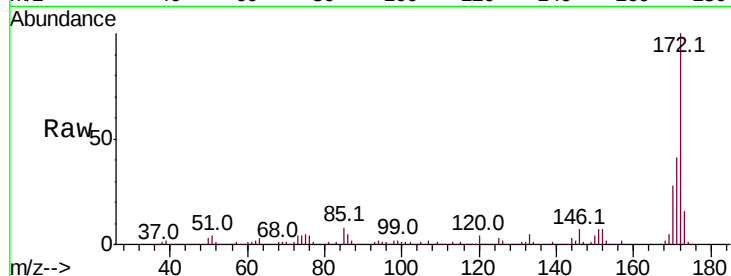


#45
 2-Fluorobiphenyl
 Concen: 70.233 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

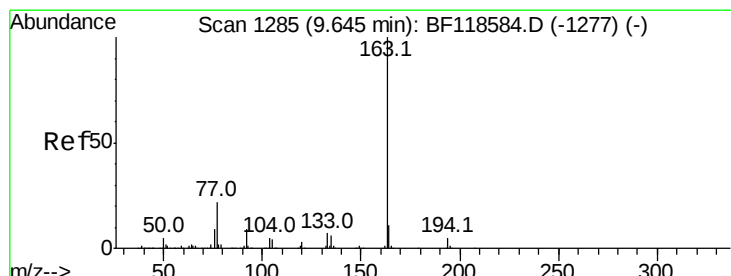
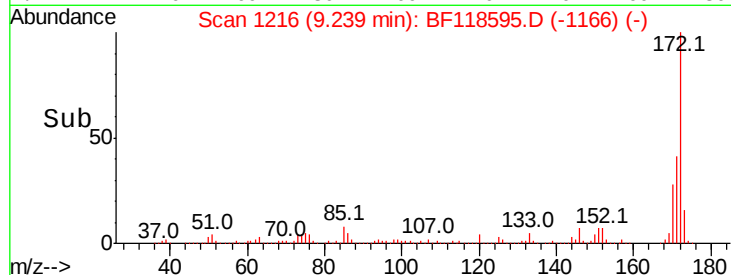
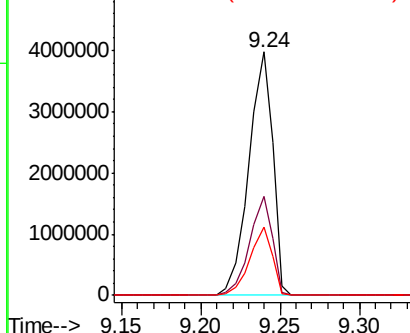
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 4142744

Ion	Ratio	Lower	Upper
172	100		
171	40.7	33.4	50.2
170	28.2	23.2	34.8



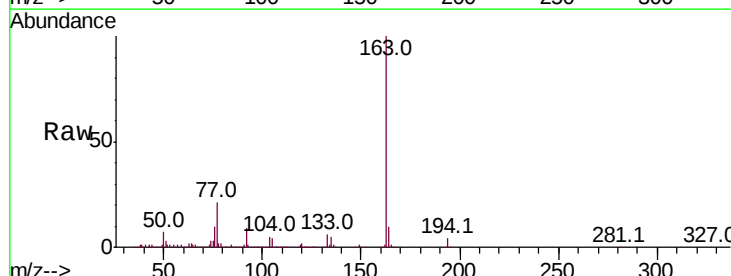
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



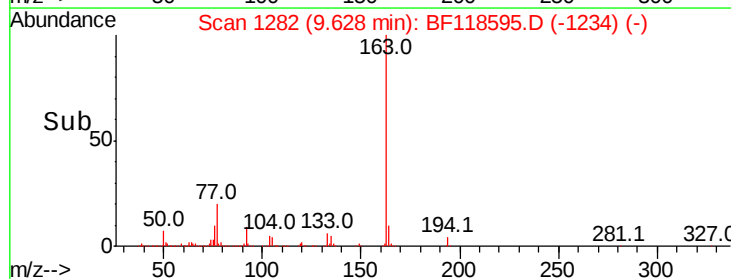
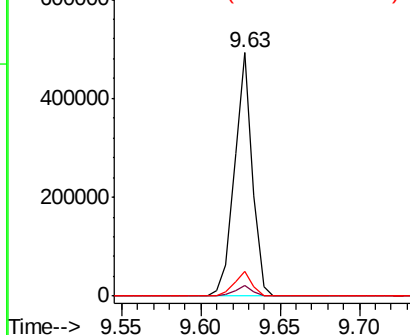
#50
 Dimethylphthalate
 Concen: 6.045 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

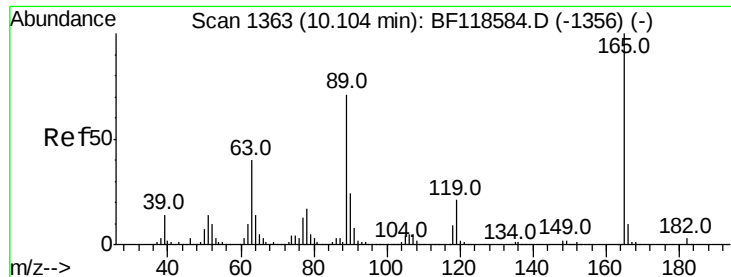
Tgt Ion:163 Resp: 381843

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	10.1	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

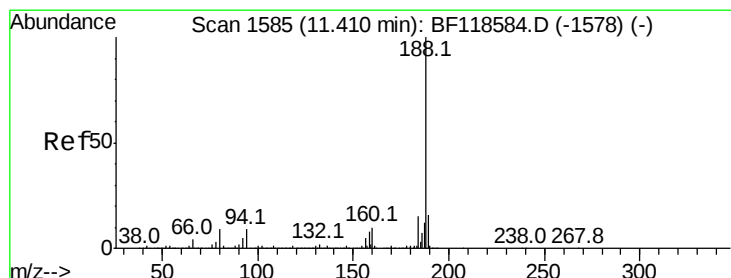
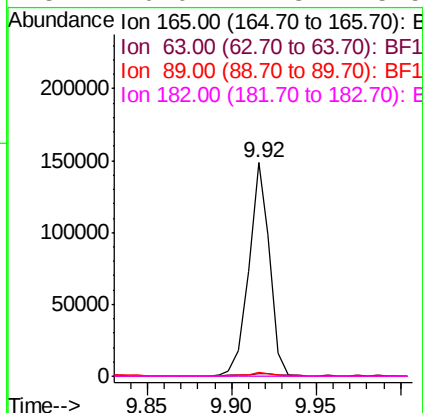
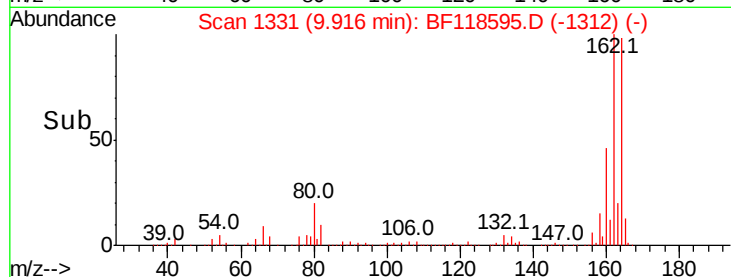
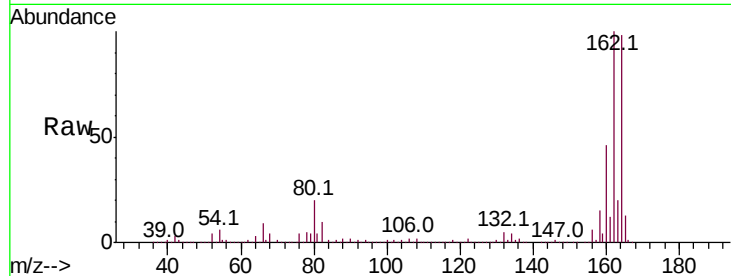




#57
 2,4-Dinitrotoluene
 Concen: 7.161 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

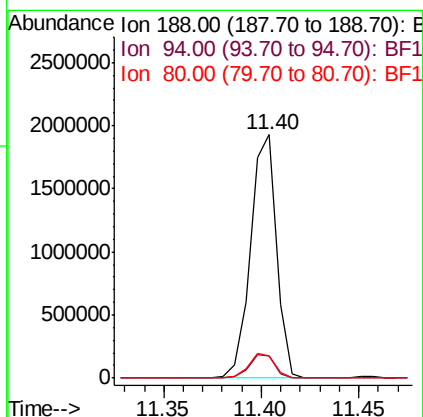
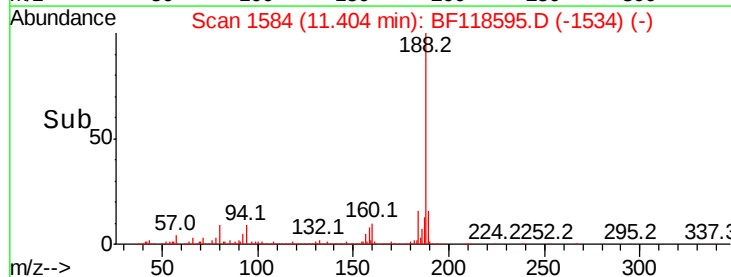
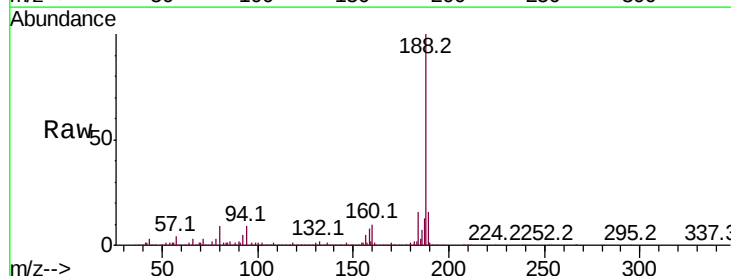
Instrument :
 BNA_F
 ClientSampleId :

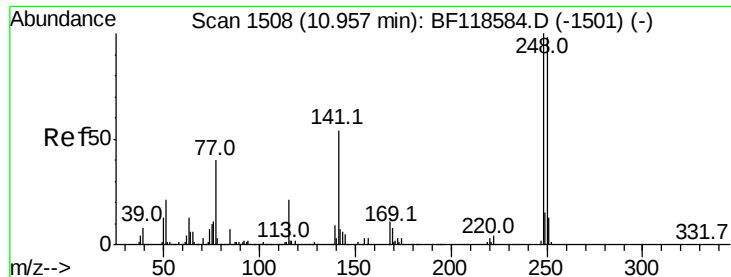
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.5	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.2	7.5	11.3

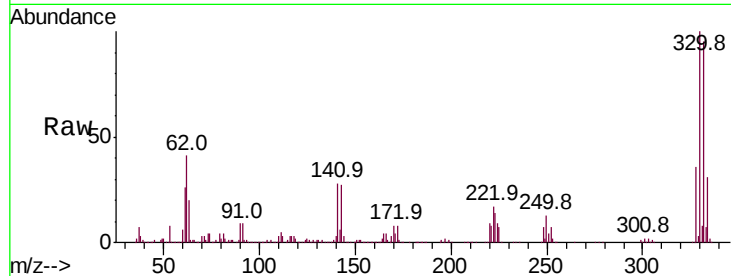




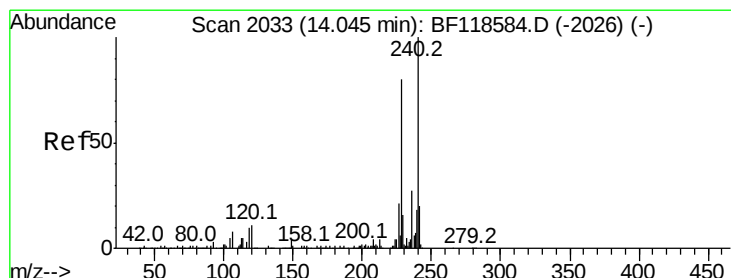
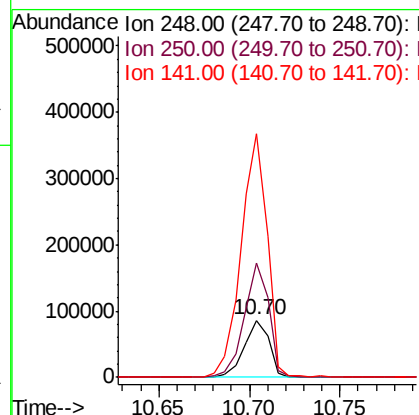
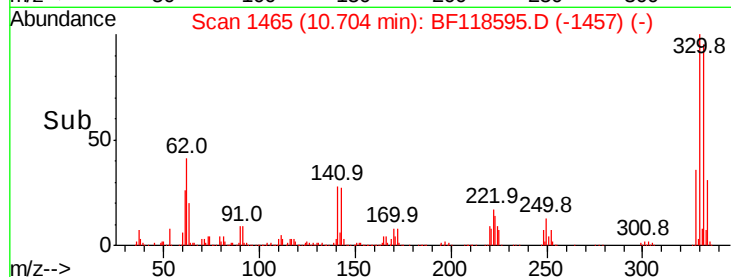
#67
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 82415
 Ion Ratio Lower Upper
 248 100
 250 201.0 78.7 118.1#
 141 427.7 43.2 64.8#

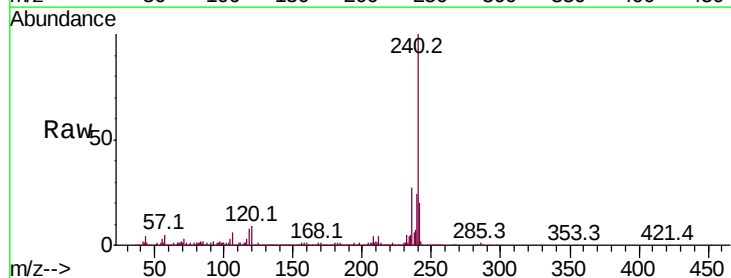


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

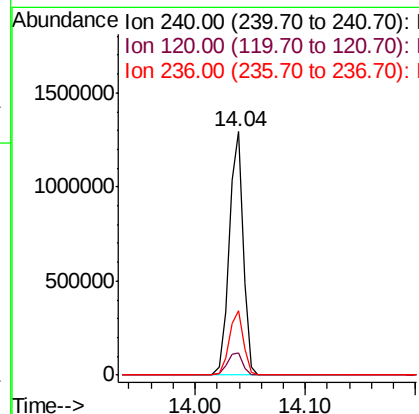
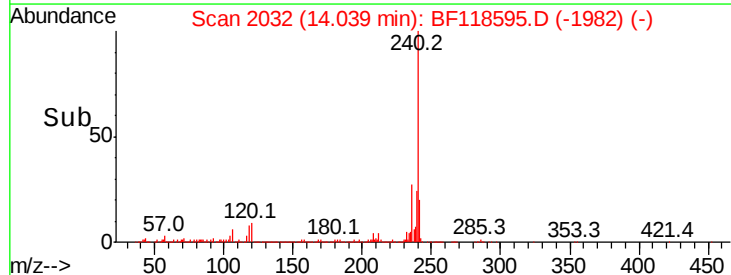


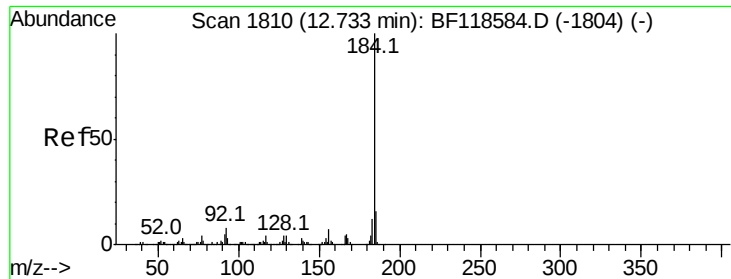
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

Tgt Ion:240 Resp: 1152666
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.9 13.3
 236 26.7 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: 2.220 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.26 min

Lab File: BF118595.D

Acq: 20 Jan 2020 17:07

Instrument :

BNA_F

ClientSampleId :

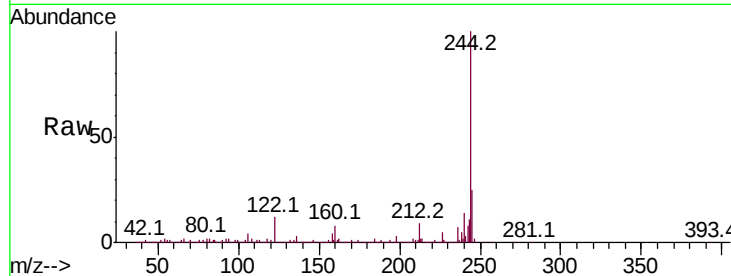
Tot Ion:184 Resp: 68382

Ion Ratio Lower Upper

184 100

185 15.5 12.9 19.3

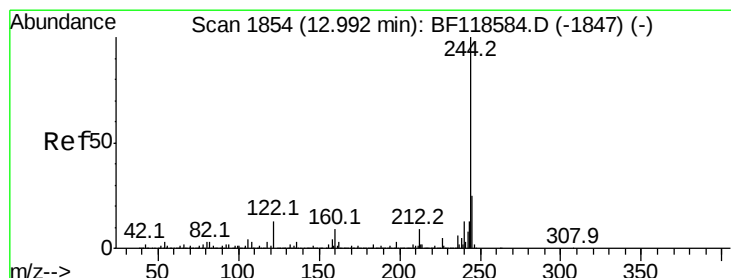
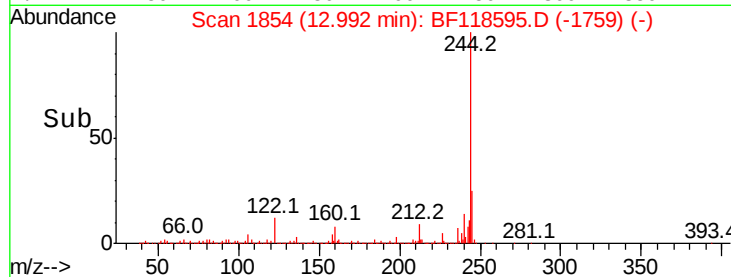
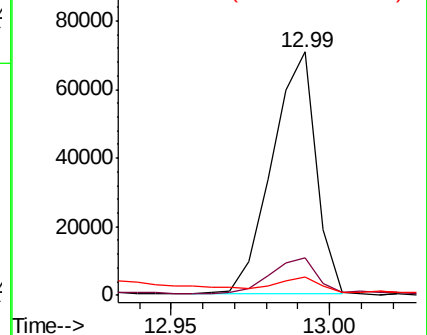
183 7.4 9.6 14.4#



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: 88.829 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118595.D

Acq: 20 Jan 2020 17:07

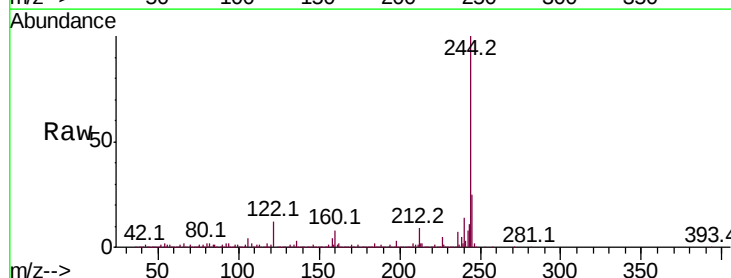
Tgt Ion:244 Resp: 4694440

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

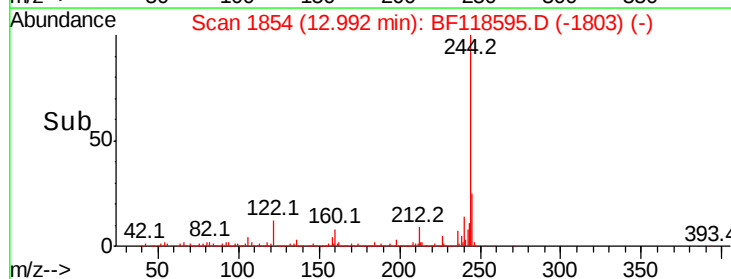
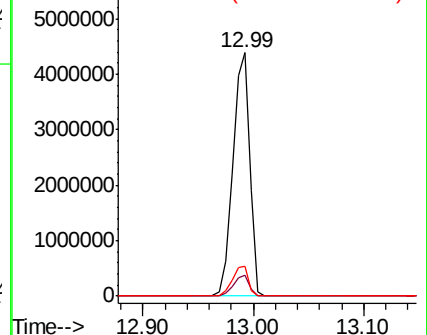
122 12.1 10.7 16.1

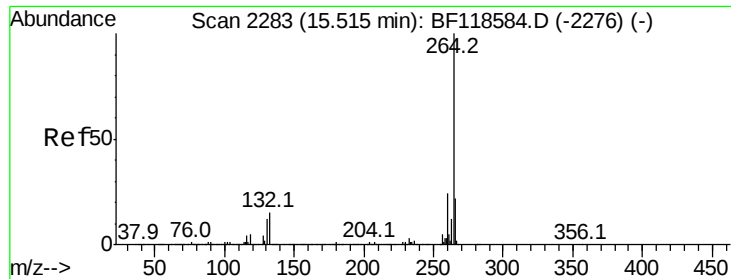


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF118595.D
 Acq: 20 Jan 2020 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1077401
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.6 17.7 26.5

