

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119933.D
 Acq On : 14 Apr 2020 4:23
 Operator : MA/SJ
 Sample : L2201-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 05:05:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

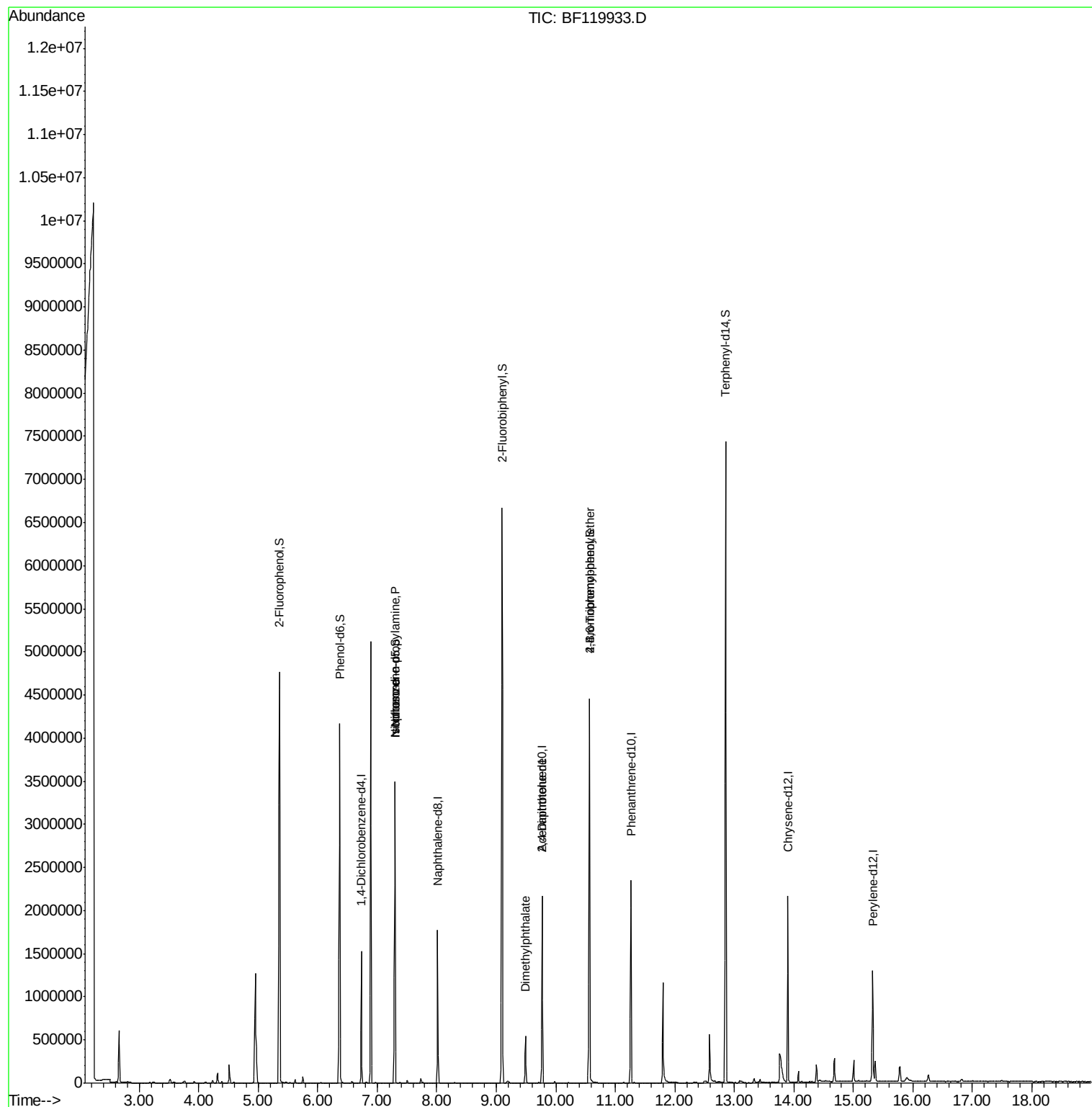
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212389	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834673	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	445094	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	897422	20.00	ng	0.00
76) Chrysene-d12	13.90	240	728063	20.00	ng	-0.01
87) Perylene-d12	15.33	264	618281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1460953	118.88	ng	0.02
7) Phenol-d6	6.37	99	1657603	104.67	ng	0.00
23) Nitrobenzene-d5	7.30	82	1281249	79.41	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	668652	122.70	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2403973	76.68	ng	-0.01
79) Terphenyl-d14	12.86	244	3088705	71.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2229	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	169827	16.677 ng	#	1
25) Isophorone	7.30	82	1281236	41.195 ng	#	75
50) Dimethylphthalate	9.49	163	199490	5.795 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	59010	5.941 ng	#	99
67) 4-Bromophenyl-phenylether	10.57	248	38715	3.469 ng	#	22
					#	1

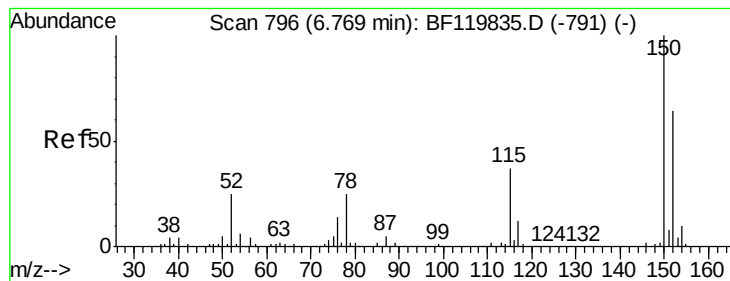
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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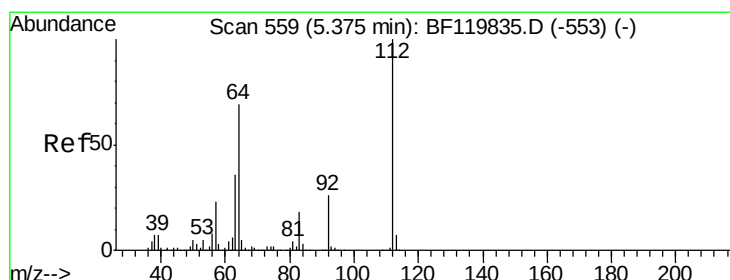
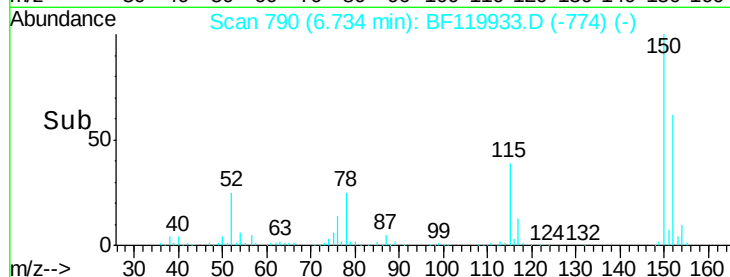
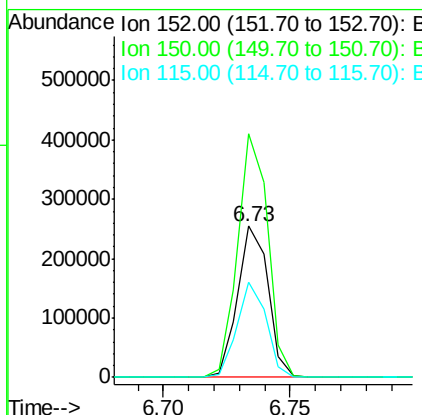
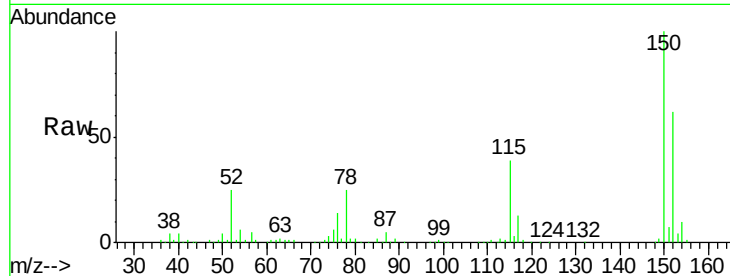


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119933.D
Acq: 14 Apr 2020 4:23

Instrument :
BNA_F
ClientSampleId :

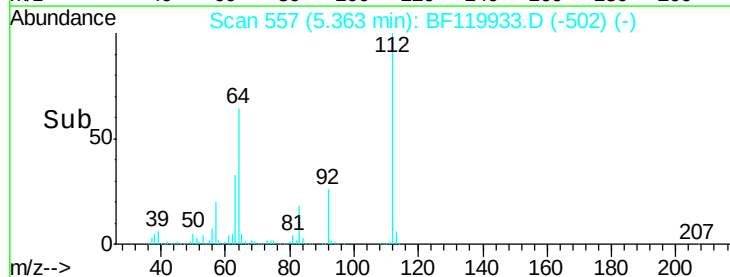
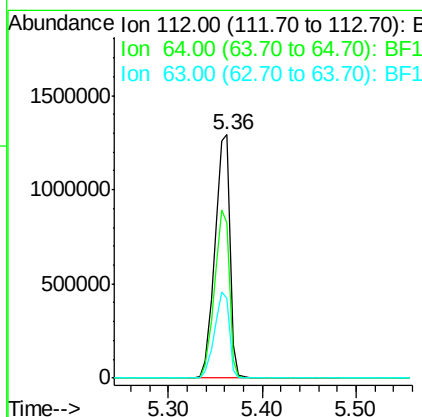
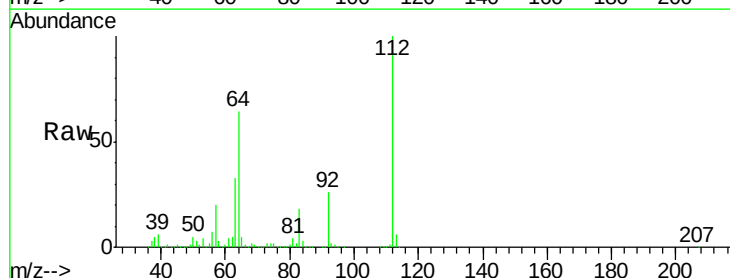
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.8	187.2
115	62.7	46.5	69.7

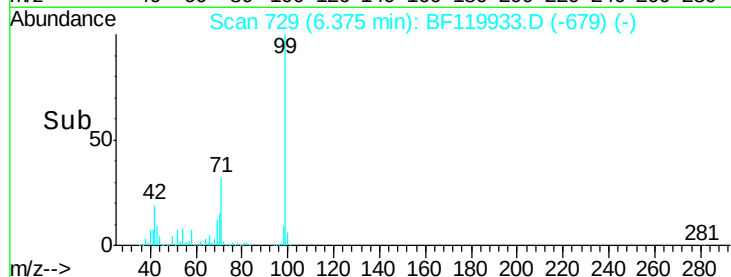
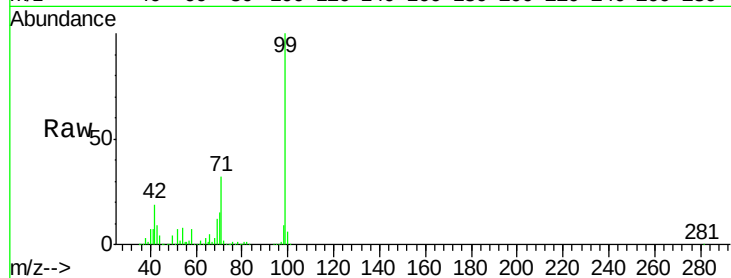
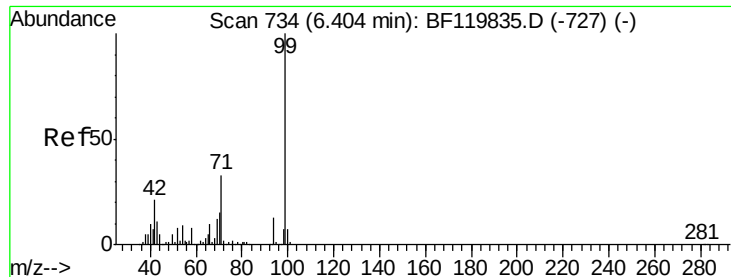


#5

2-Fluorophenol
Concen: 118.876 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119933.D
Acq: 14 Apr 2020 4:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	55.5	83.3
63	32.8	29.1	43.7





#7

Phenol-d6

Concen: 104.674 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

Instrument :

BNA_F

ClientSampleId :

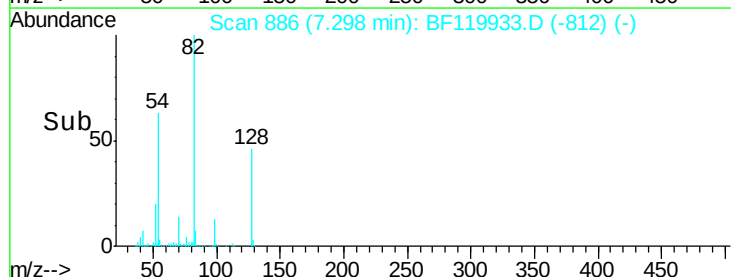
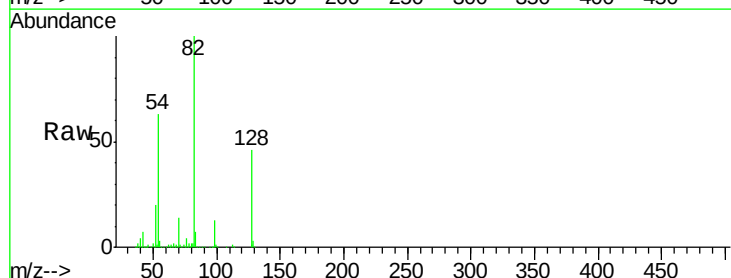
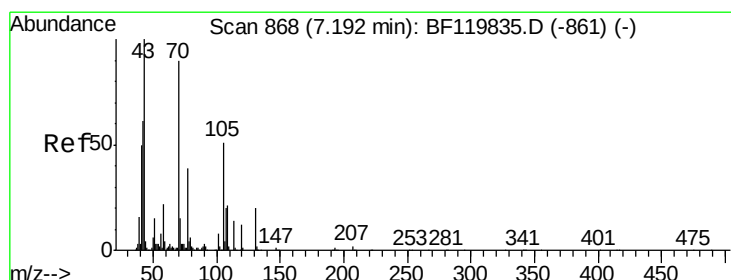
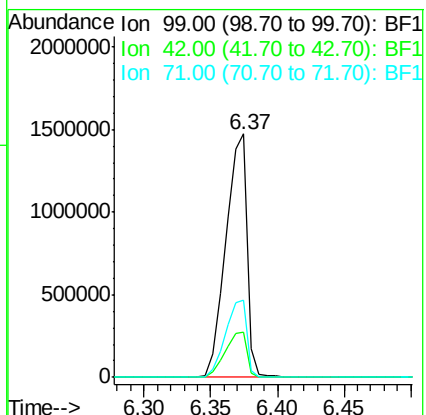
Tot Ion: 99 Resp: 1657603

Ion Ratio Lower Upper

99 100

42 18.6 16.9 25.3

71 31.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.677 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

Tgt Ion: 70 Resp: 169827

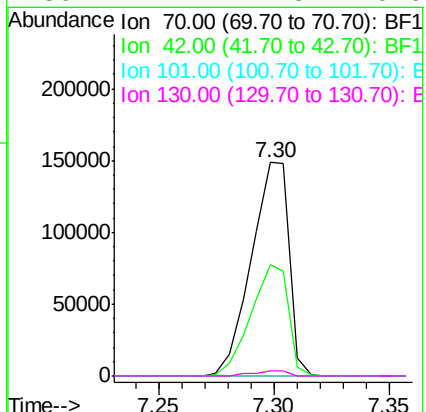
Ion Ratio Lower Upper

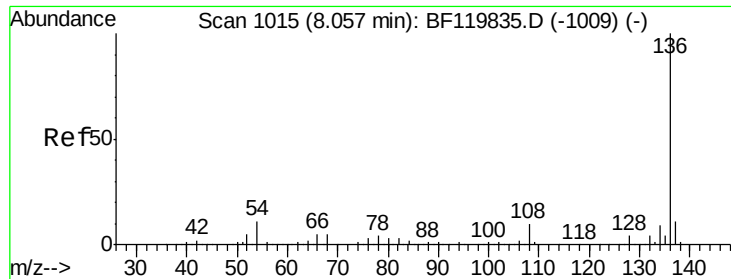
70 100

42 52.2 54.2 81.4#

101 0.0 7.4 11.2#

130 2.7 17.8 26.6#

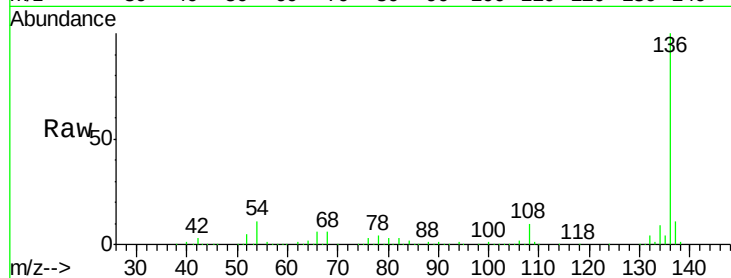




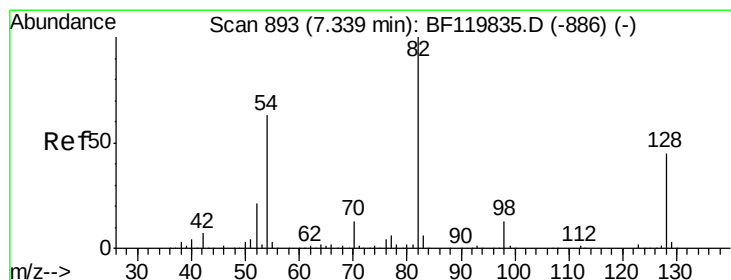
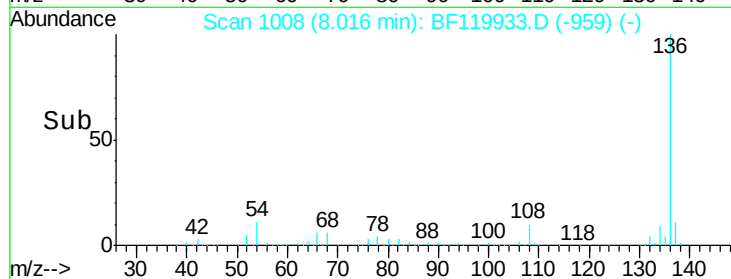
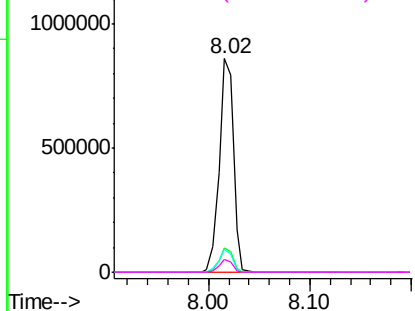
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119933.D
Acq: 14 Apr 2020 4:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 834673
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.1 8.5 12.7
68 6.2 3.9 5.9#

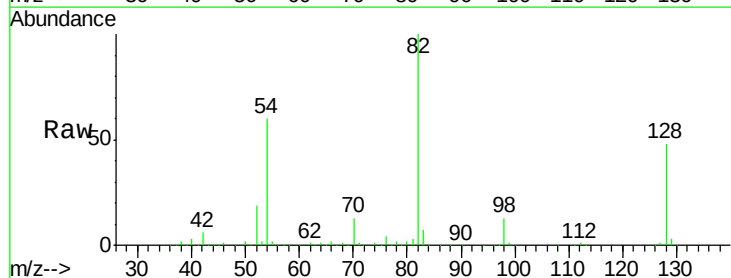


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

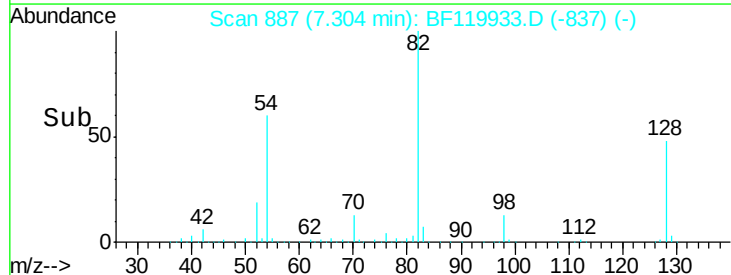
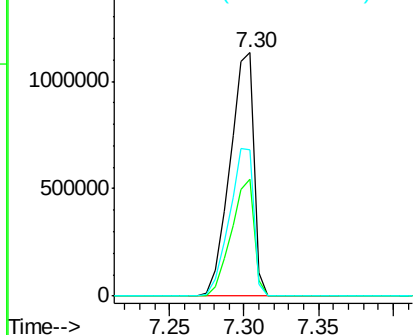


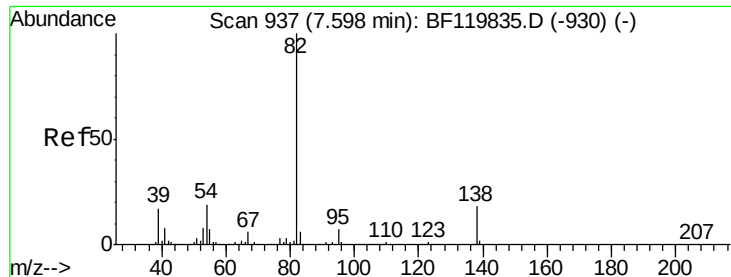
#23
Nitrobenzene-d5
Concen: 79.413 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119933.D
Acq: 14 Apr 2020 4:23

Tgt Ion: 82 Resp: 1281249
Ion Ratio Lower Upper
82 100
128 48.2 36.2 54.4
54 60.0 50.4 75.6



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: 41.195 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

Instrument :

BNA_F

ClientSampleId :

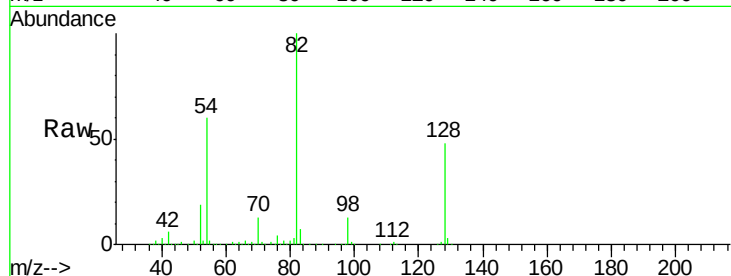
Tot Ion: 82 Resp: 1281236

Ion Ratio Lower Upper

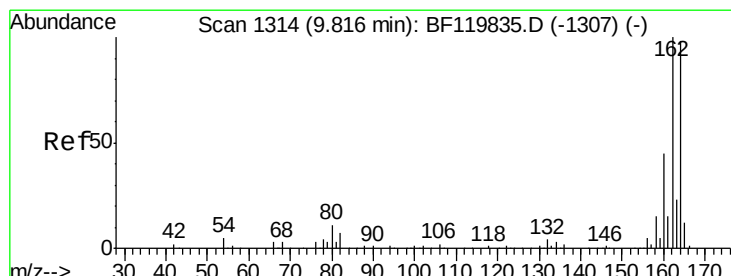
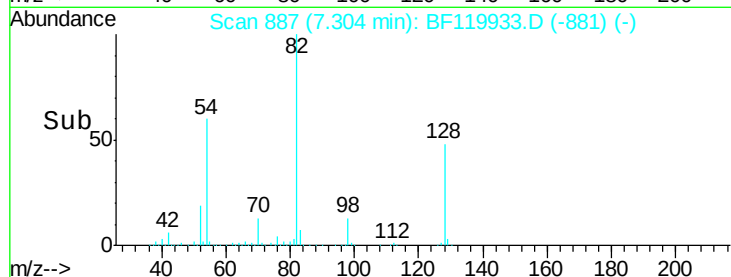
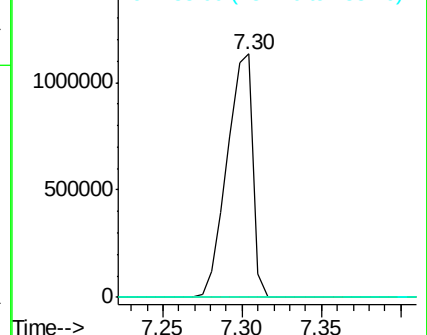
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

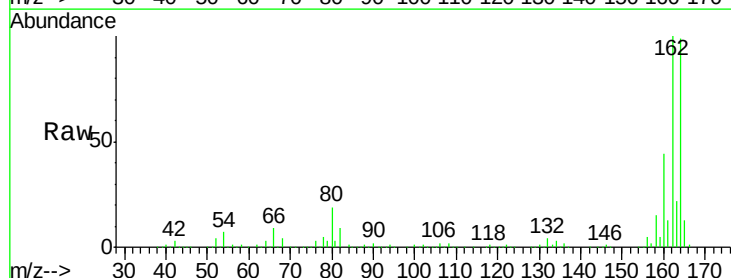
Tgt Ion:164 Resp: 445094

Ion Ratio Lower Upper

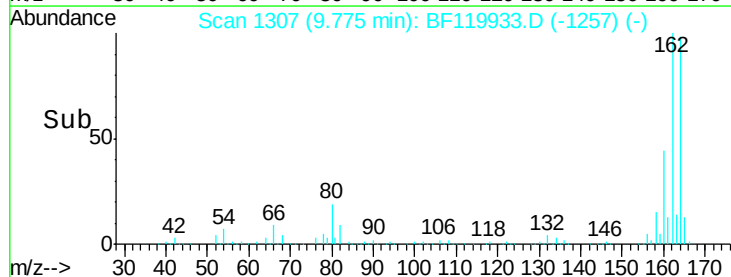
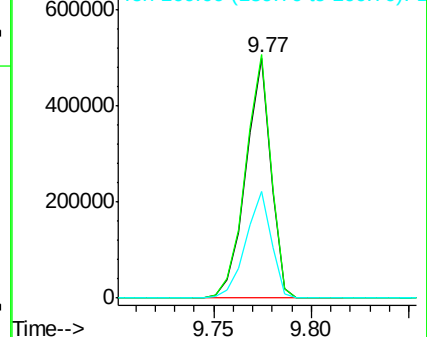
164 100

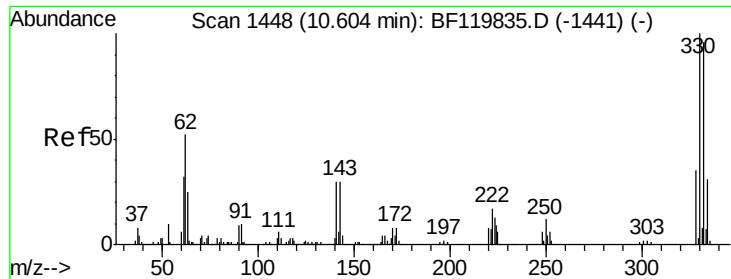
162 101.4 81.9 122.9

160 44.6 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

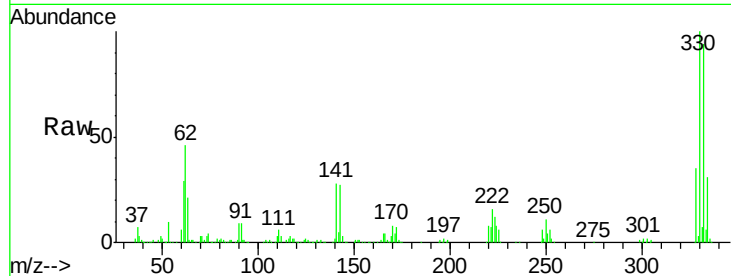




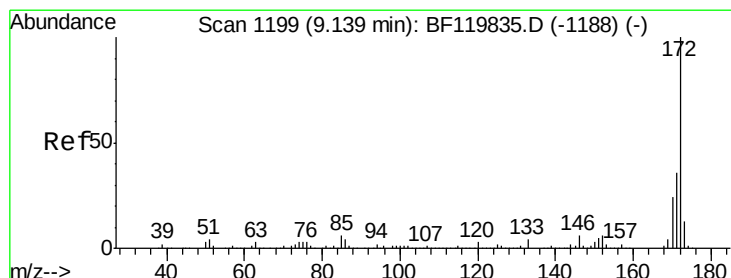
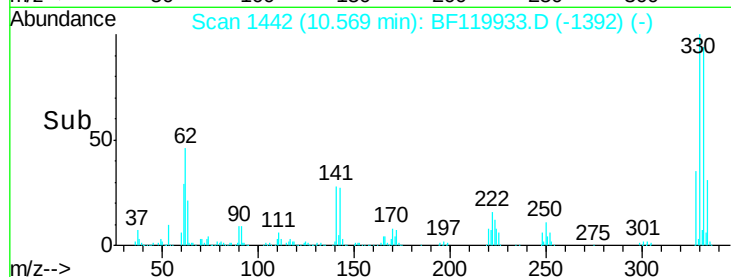
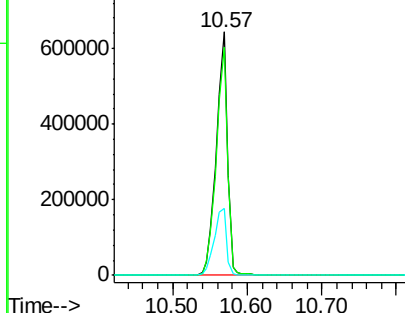
#42
 2,4,6-Tribromophenol
 Concen: 122.701 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 668652
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.8 115.2
 141 30.2 25.1 37.7

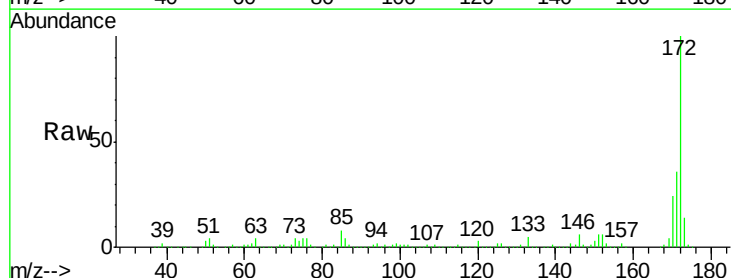


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

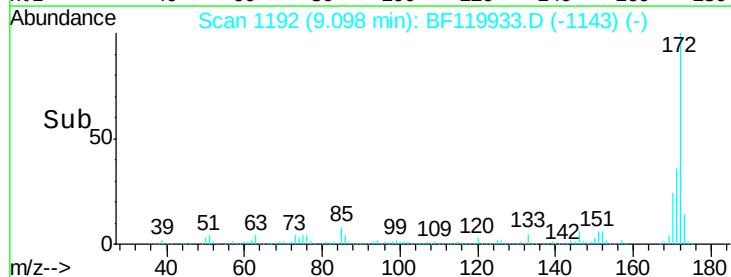
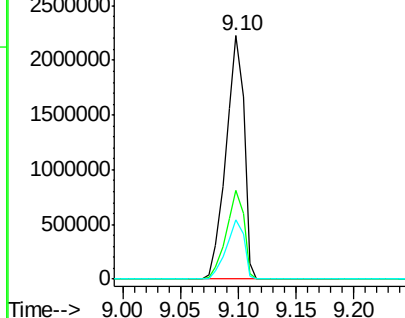


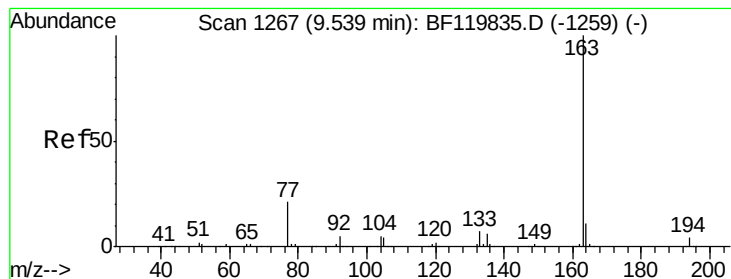
#45
 2-Fluorobiphenyl
 Concen: 76.683 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

Tgt Ion:172 Resp: 2403973
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.5 19.4 29.2



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: 5.795 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

Instrument :

BNA_F

ClientSampleId :

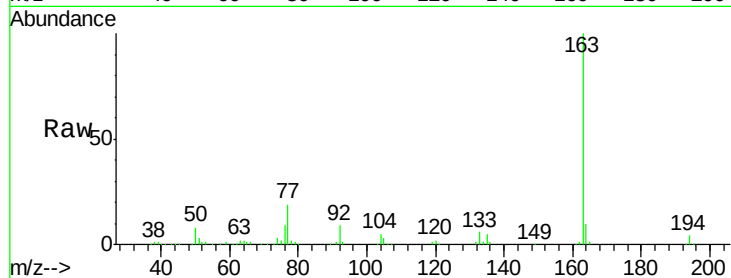
Tot Ion:163 Resp: 199490

Ion Ratio Lower Upper

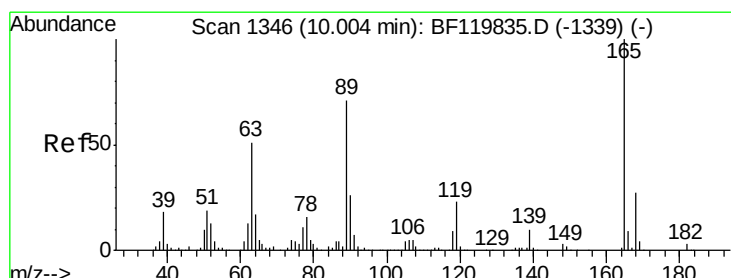
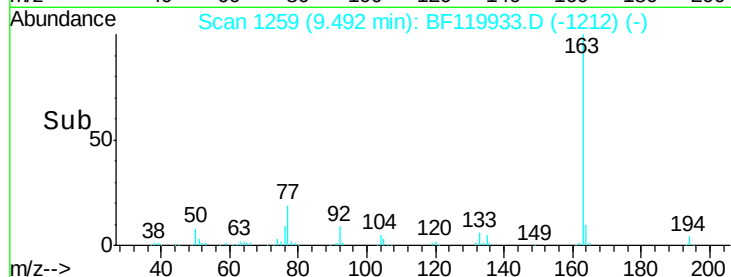
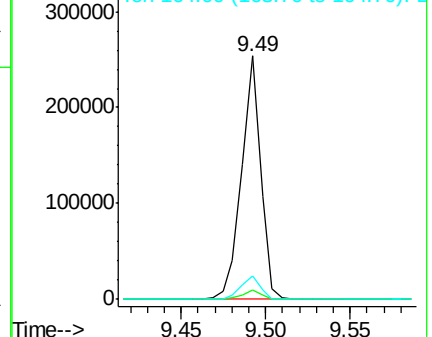
163 100

194 3.8 3.0 4.4

164 9.9 8.4 12.6



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: 5.941 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119933.D

Acq: 14 Apr 2020 4:23

Tgt Ion:165 Resp: 59010

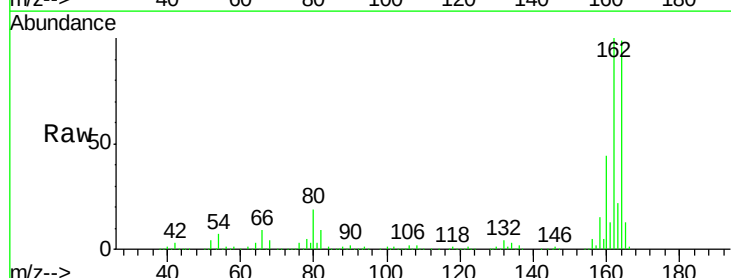
Ion Ratio Lower Upper

165 100

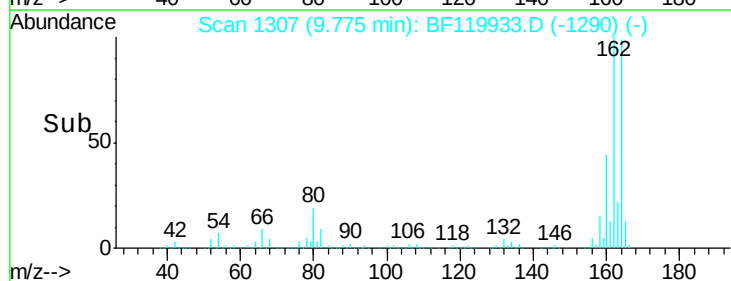
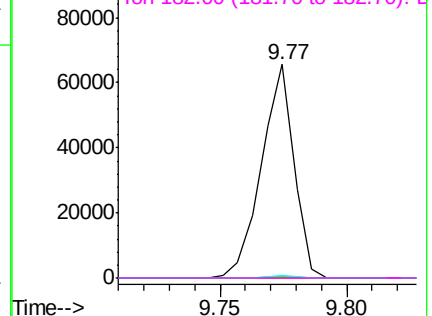
63 0.8 40.8 61.2#

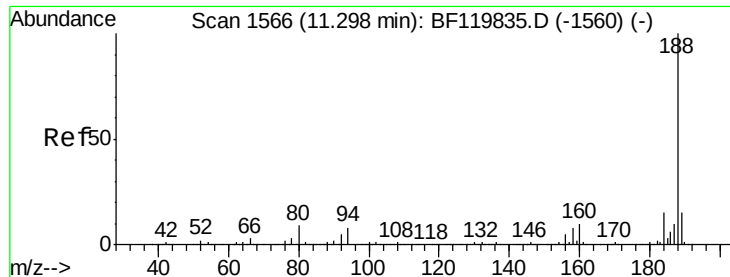
89 1.3 56.9 85.3#

182 0.0 2.0 3.0#



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

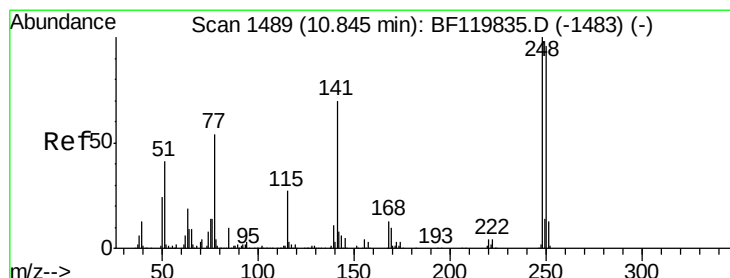
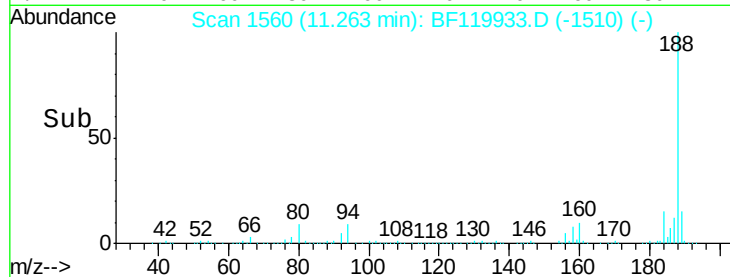
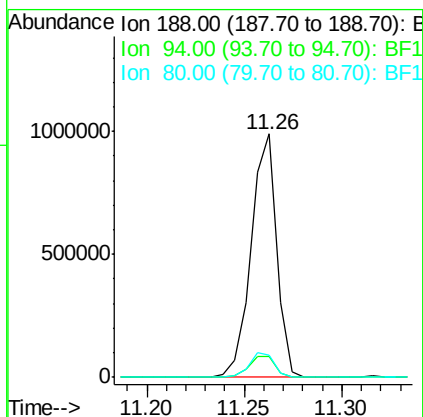
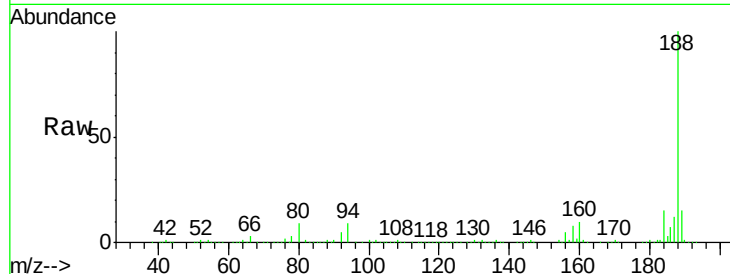




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

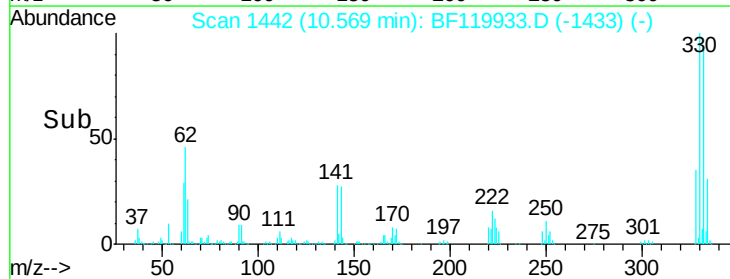
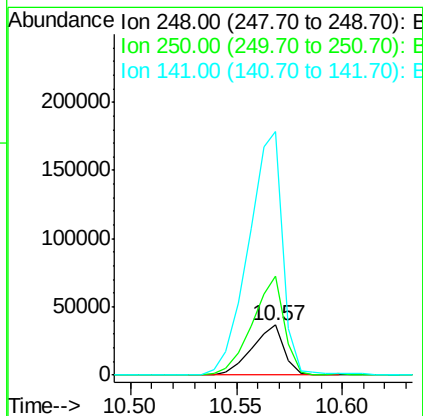
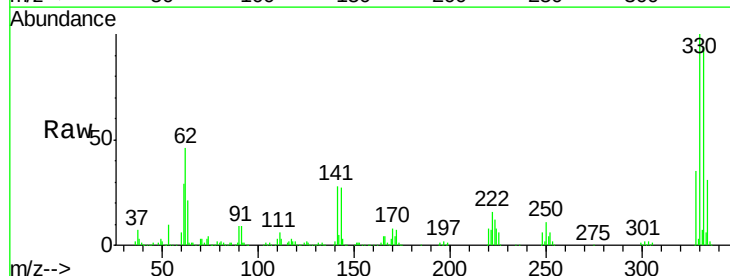
Instrument :
 BNA_F
 ClientSampled :

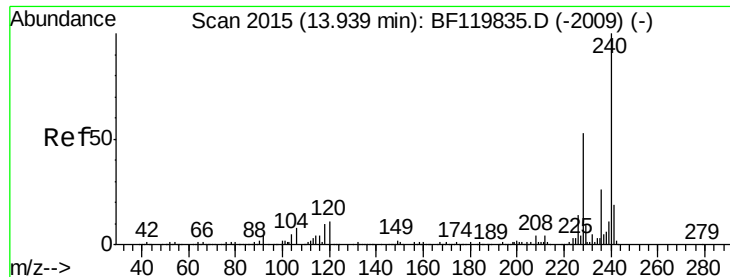
Tot Ion:188 Resp: 897422
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.7 10.1
 80 9.2 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.469 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

Tgt Ion:248 Resp: 38715
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.6 114.8#
 141 489.1 55.9 83.9#

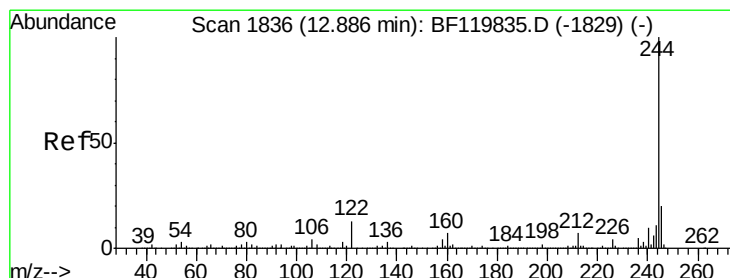
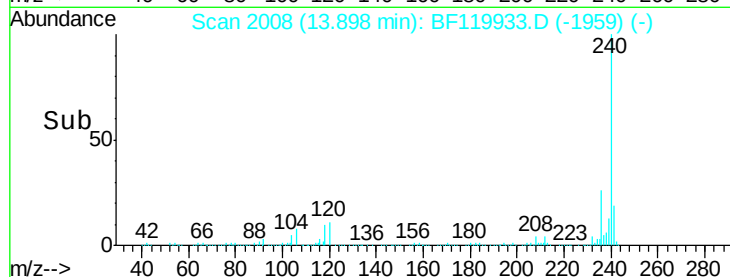
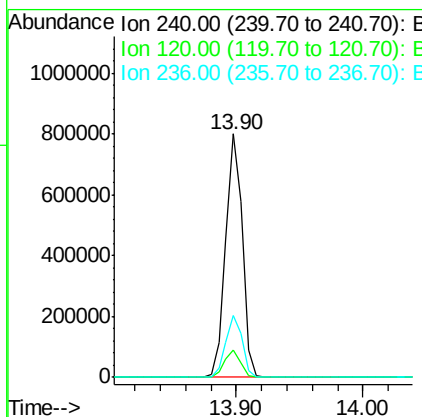
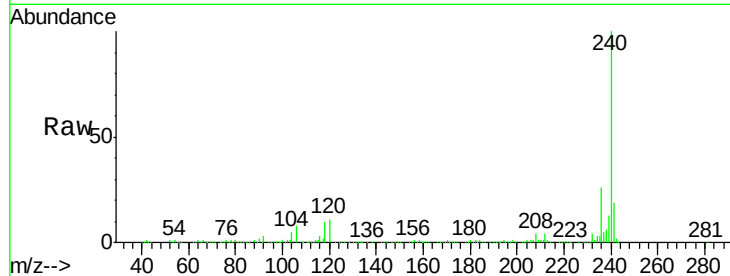




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

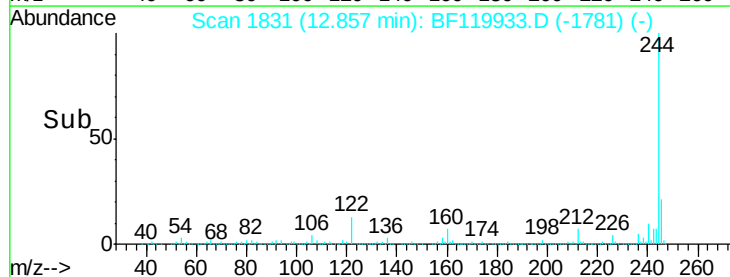
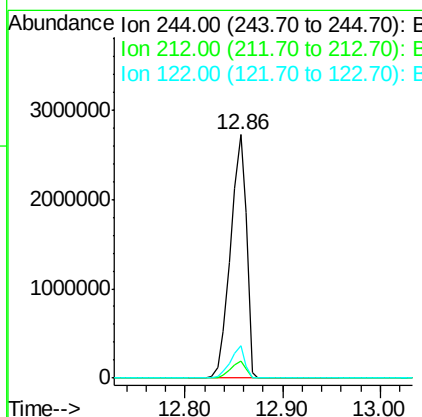
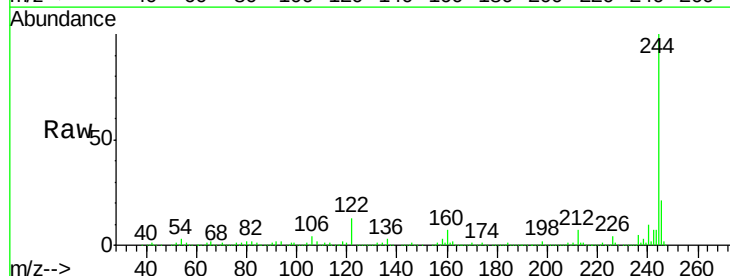
Instrument :
 BNA_F
 ClientSampleId :

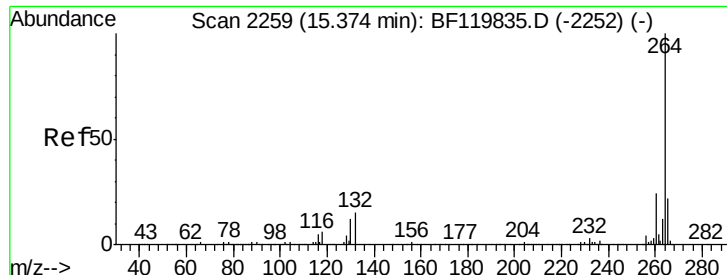
Tot Ion:240 Resp: 728063
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.0 13.6
 236 25.5 20.7 31.1



#79
 Terphenyl-d14
 Concen: 71.384 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119933.D
 Acq: 14 Apr 2020 4:23

Tgt Ion:244 Resp: 3088705
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 10.3 15.5

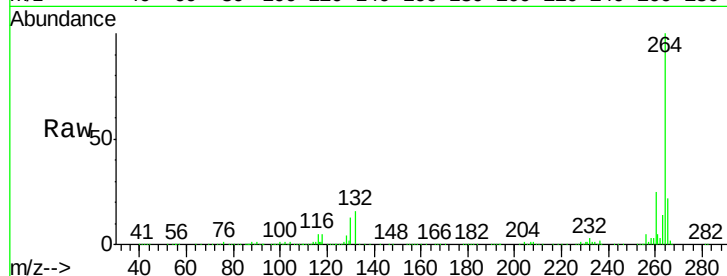




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119933.D
Acq: 14 Apr 2020 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 618281
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 22.1 17.6 26.4



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

