

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119973.D
 Acq On : 15 Apr 2020 00:52
 Operator : MA/SJ
 Sample : L2195-05
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Quant Time: Apr 15 02:35:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

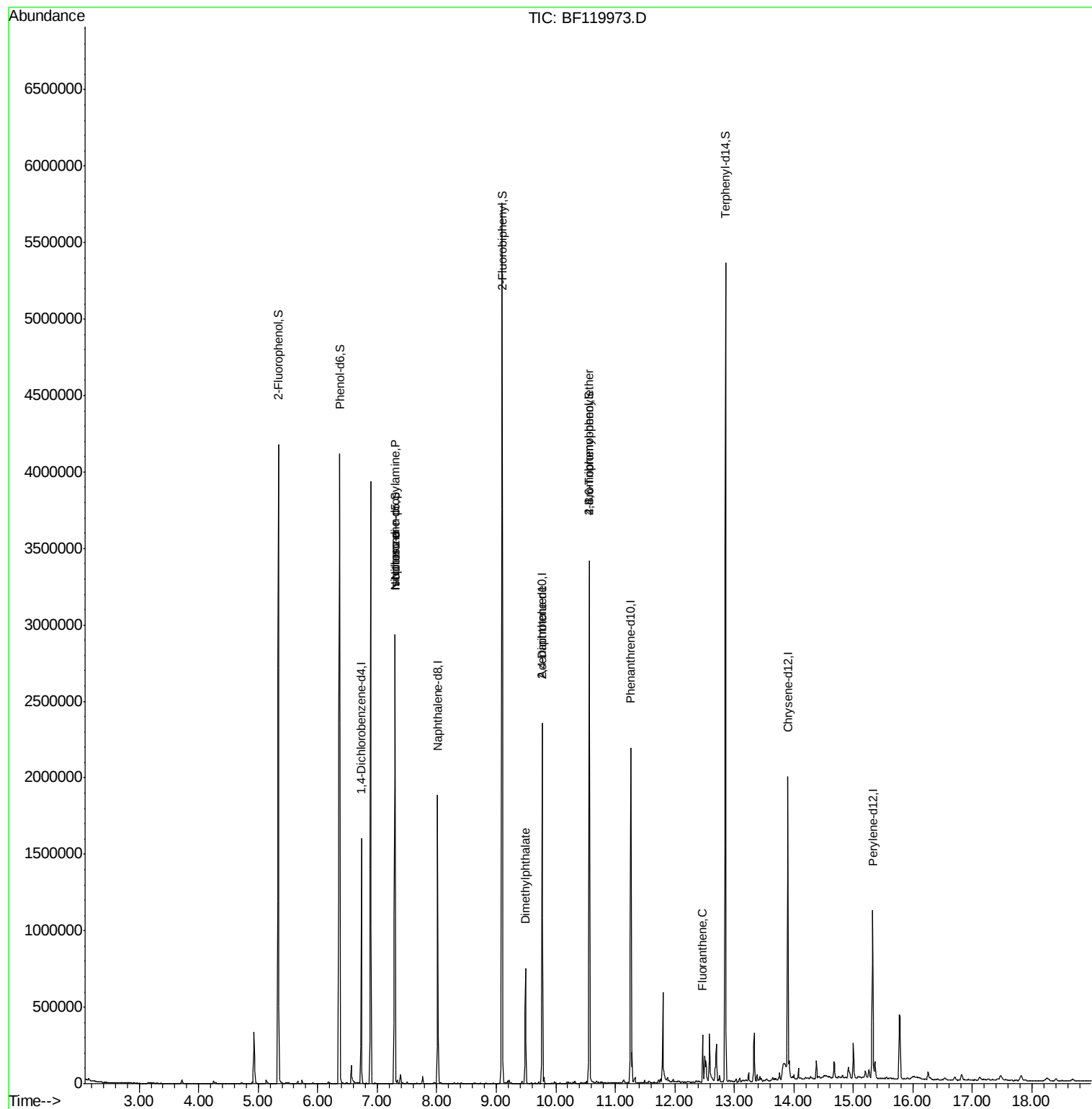
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	226460	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	876250	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	459988	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	880195	20.00	ng	0.00
76) Chrysene-d12	13.90	240	632817	20.00	ng	-0.01
87) Perylene-d12	15.32	264	490173	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1220254	93.12	ng	0.00
7) Phenol-d6	6.37	99	1554258	92.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	970693	57.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	413733	73.46	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1811757	55.92	ng	0.00
79) Terphenyl-d14	12.85	244	2028793	53.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2275	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	126111	11.615 ng	#	74
25) Isophorone	7.30	82	967560	29.633 ng	#	65
50) Dimethylphthalate	9.49	163	275645	7.747 ng		98
57) 2,4-Dinitrotoluene	9.77	165	57302	5.582 ng	#	23
67) 4-Bromophenyl-phenylether	10.56	248	25724	2.350 ng	#	1
75) Fluoranthene	12.47	202	113523	2.246 ng		96

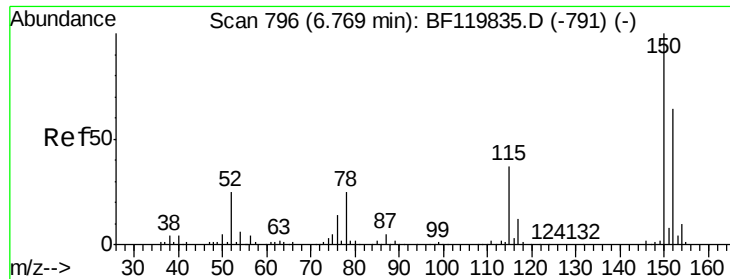
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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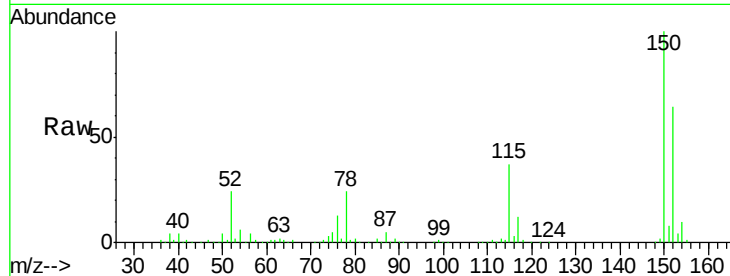


#1

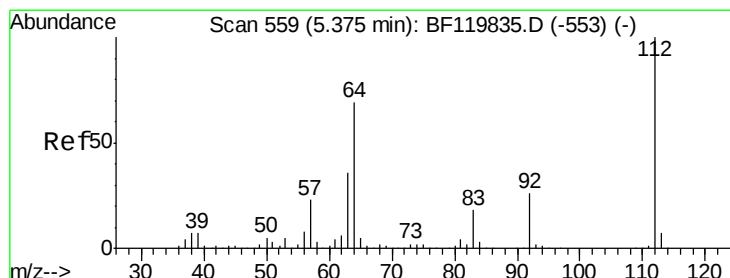
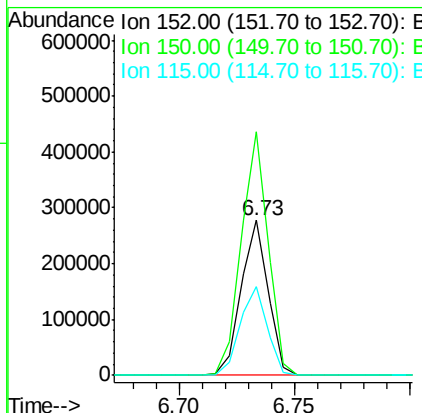
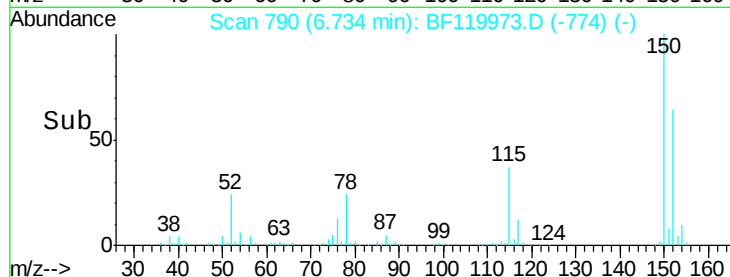
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tot Ion:152 Resp: 226460
Ion Ratio Lower Upper
152 100
150 157.1 124.8 187.2
115 57.6 46.5 69.7



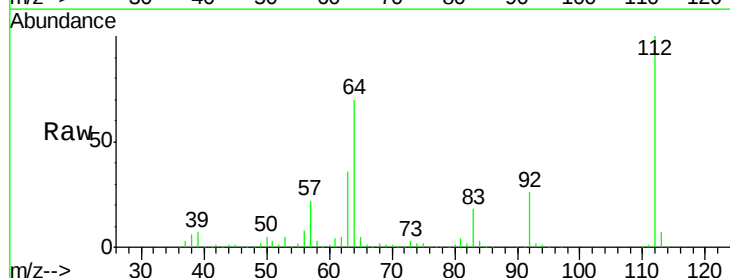
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



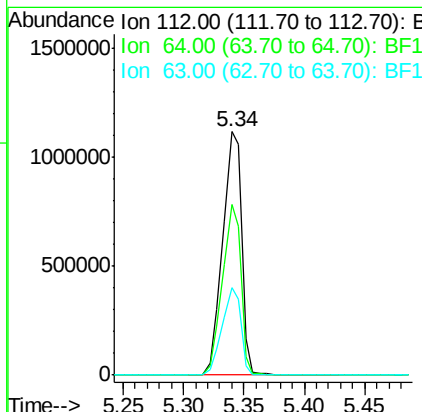
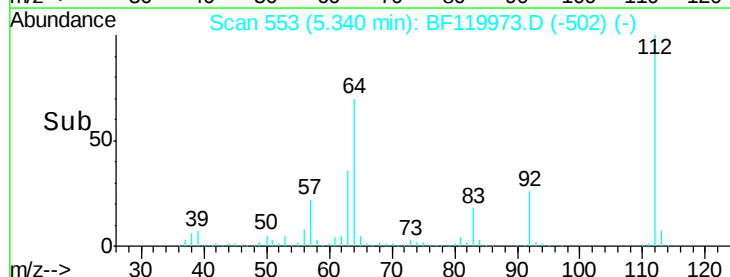
#5

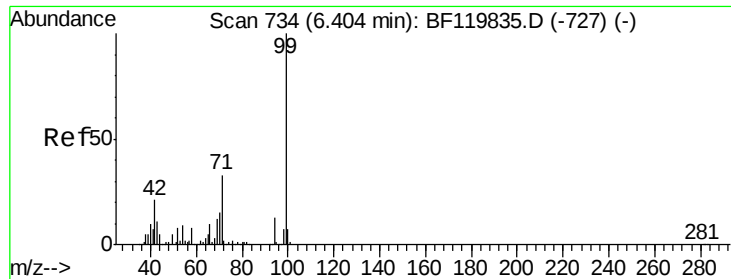
2-Fluorophenol
Concen: 93.121 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Tgt Ion:112 Resp: 1220254
Ion Ratio Lower Upper
112 100
64 70.0 55.5 83.3
63 35.8 29.1 43.7



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: 92.049 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119973.D

Acq: 15 Apr 2020 00:52

Instrument :

BNA_F

ClientSampleId :

VNJ-204

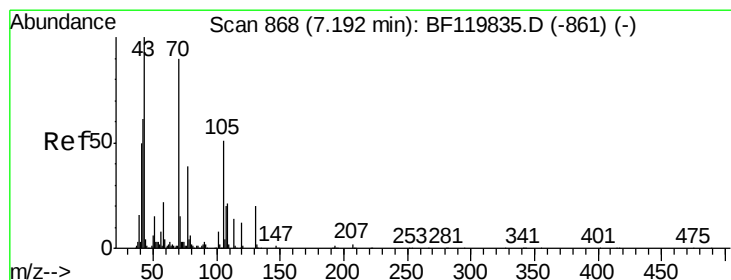
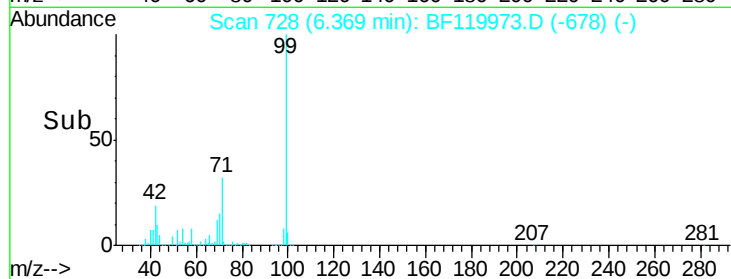
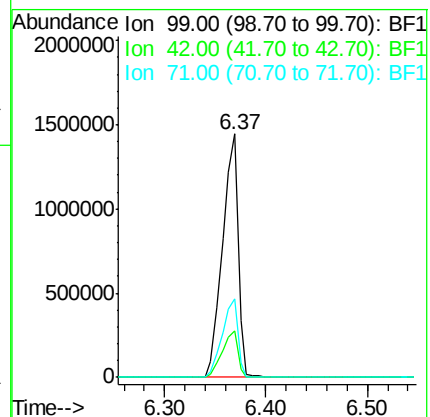
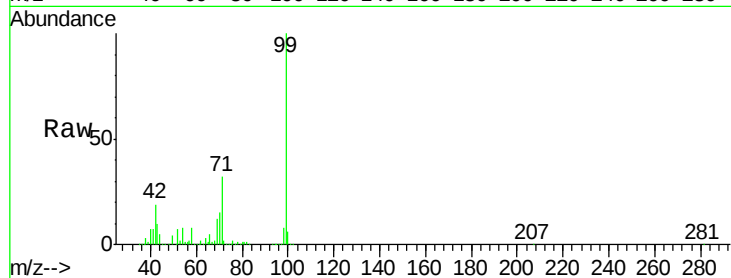
Tot Ion: 99 Resp: 1554258

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.615 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119973.D

Acq: 15 Apr 2020 00:52

Tgt Ion: 70 Resp: 126111

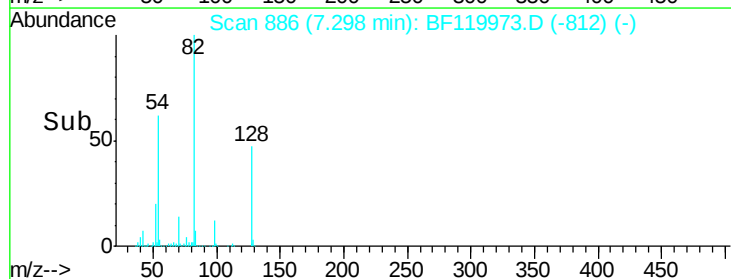
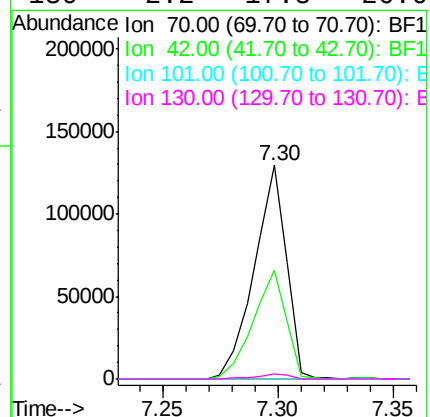
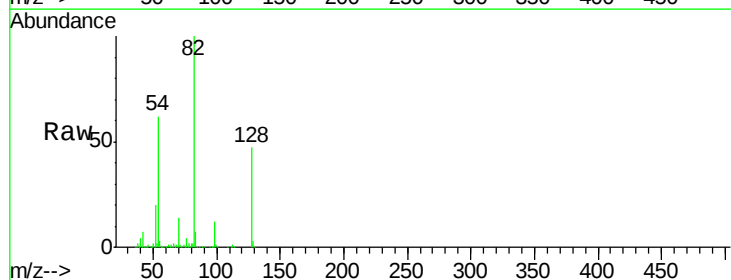
Ion Ratio Lower Upper

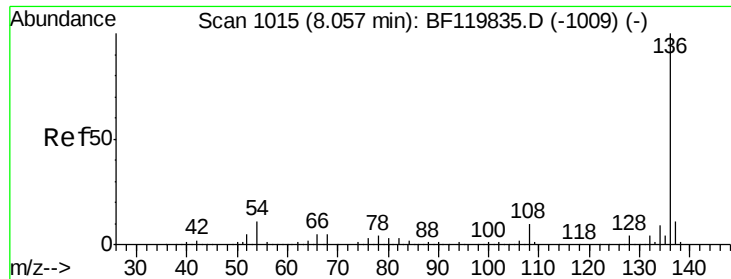
70 100

42 51.0 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

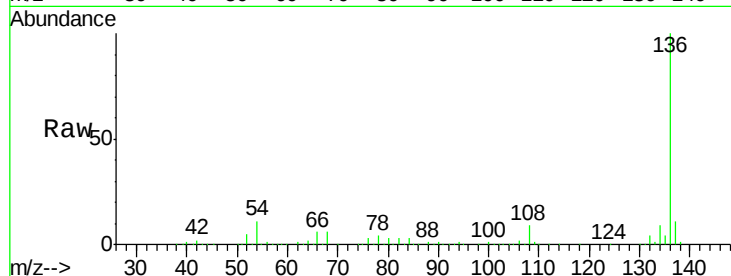




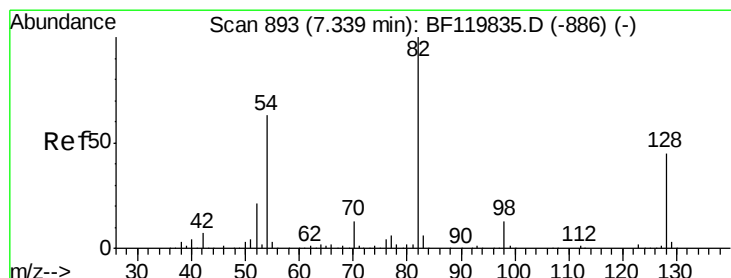
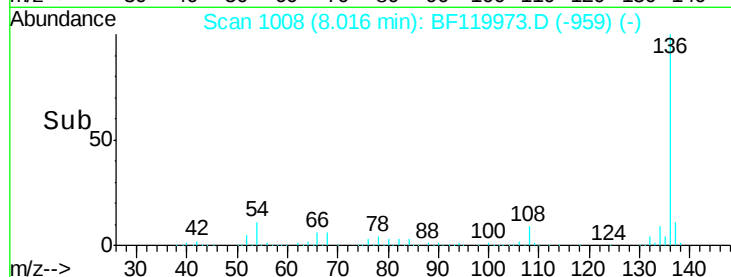
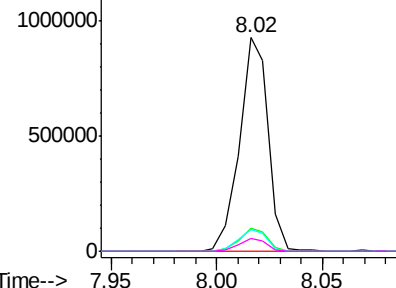
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Instrument :
BNA_F
ClientSampled :
VNJ-204

Tot Ion:136 Resp: 876250
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.5 8.5 12.7
68 5.9 3.9 5.9#

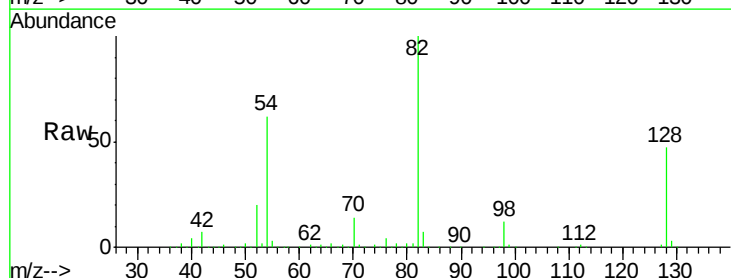


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

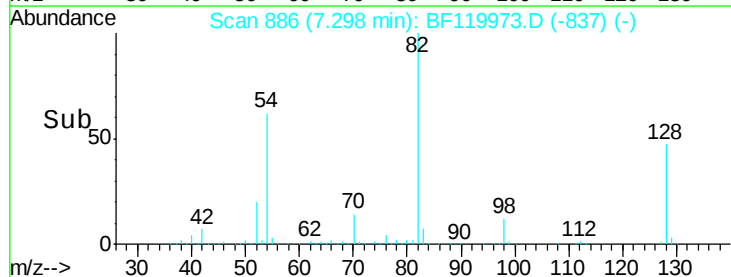
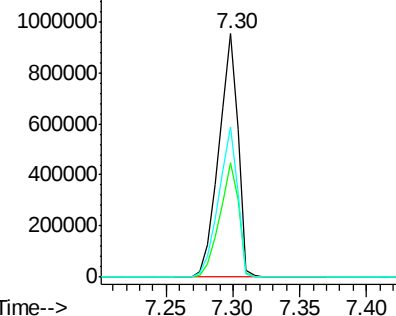


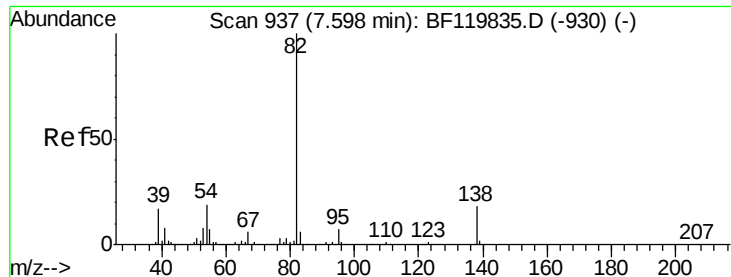
#23
Nitrobenzene-d5
Concen: 57.309 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Tgt Ion: 82 Resp: 970693
Ion Ratio Lower Upper
82 100
128 47.0 36.2 54.4
54 61.5 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: 29.633 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119973.D

Acq: 15 Apr 2020 00:52

Instrument :

BNA_F

ClientSampled :

VNJ-204

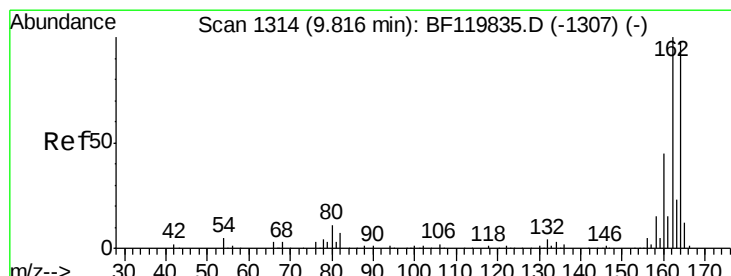
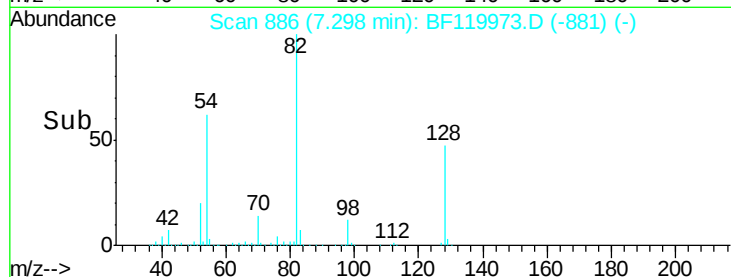
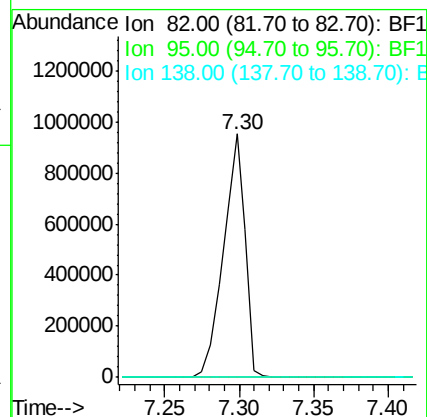
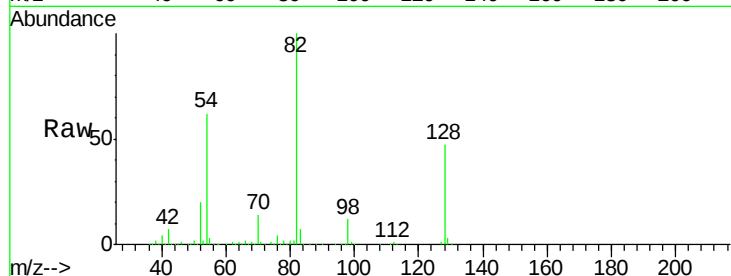
Tot Ion: 82 Resp: 967560

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119973.D

Acq: 15 Apr 2020 00:52

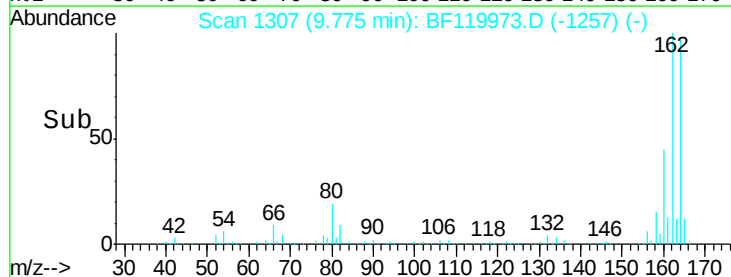
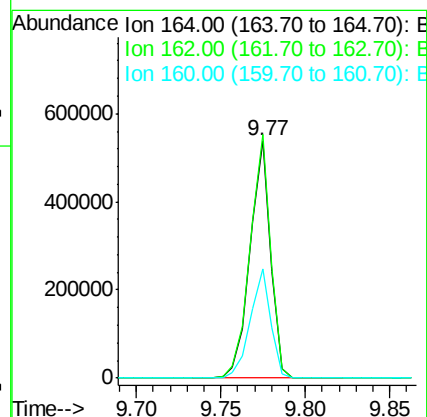
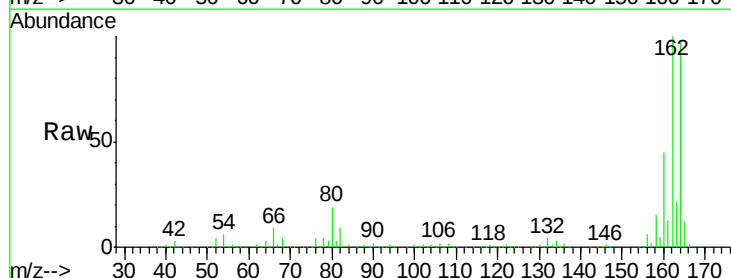
Tgt Ion:164 Resp: 459988

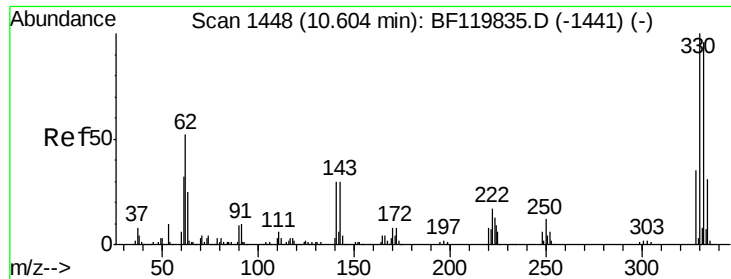
Ion Ratio Lower Upper

164 100

162 102.6 81.9 122.9

160 45.8 36.6 54.8

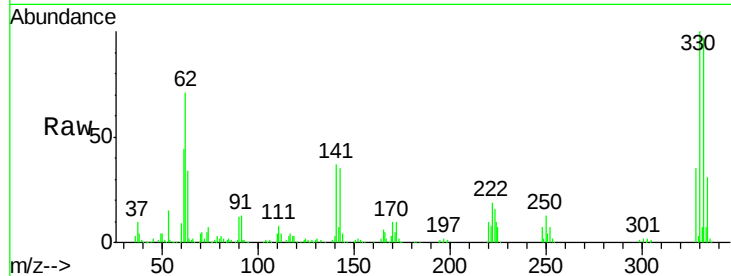




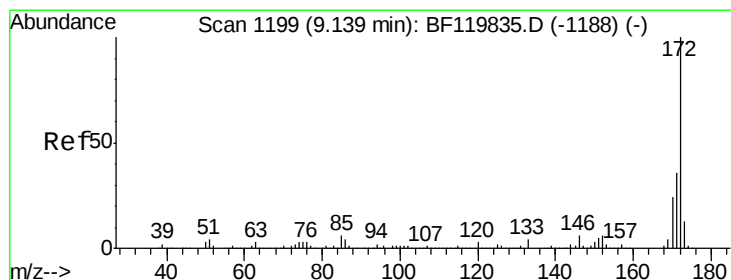
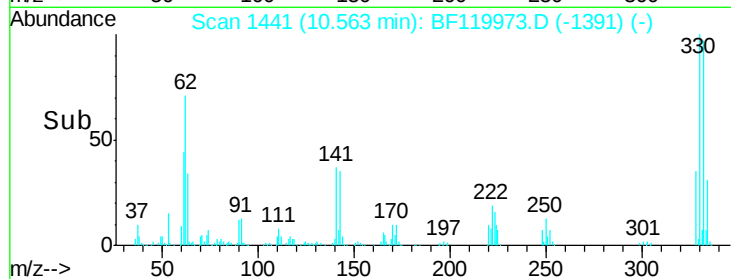
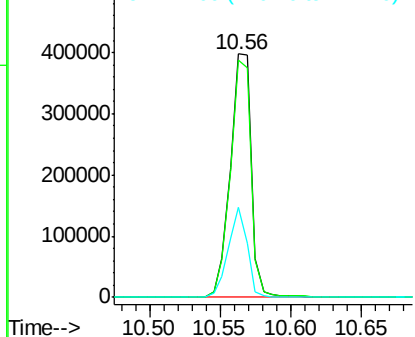
#42
 2,4,6-Tribromophenol
 Concen: 73.464 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119973.D
 Acq: 15 Apr 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Tot Ion:330 Resp: 413733
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 33.5 25.1 37.7

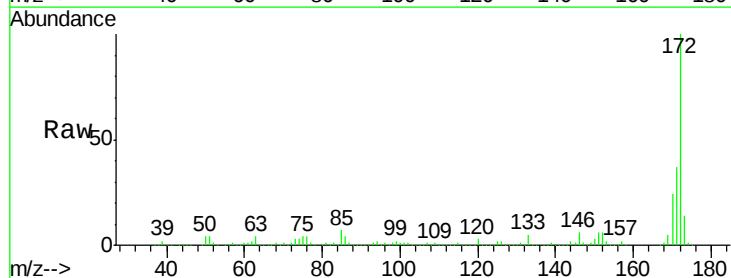


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

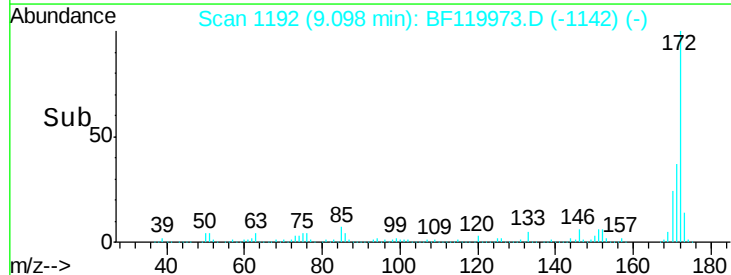
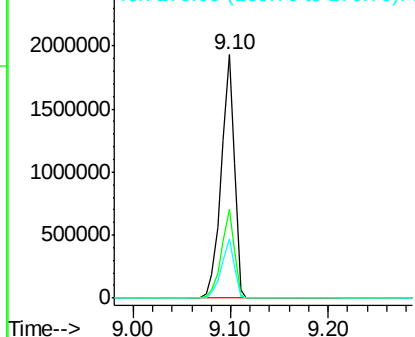


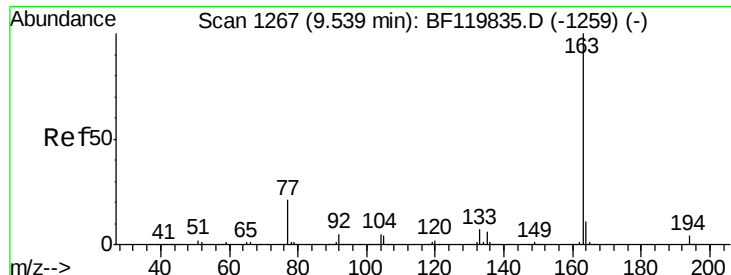
#45
 2-Fluorobiphenyl
 Concen: 55.921 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119973.D
 Acq: 15 Apr 2020 00:52

Tgt Ion:172 Resp: 1811757
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 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

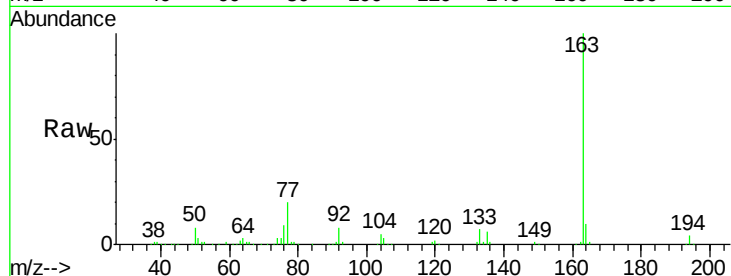




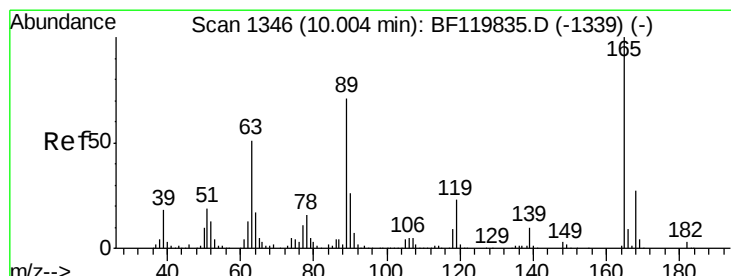
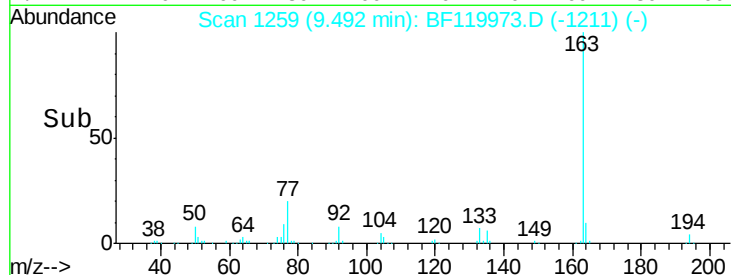
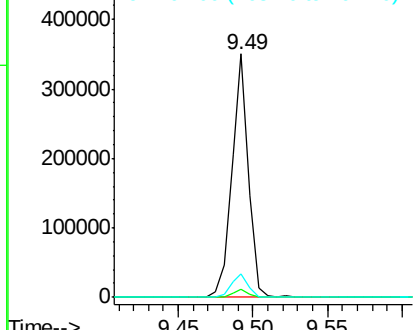
#50
Dimethylphthalate
Concen: 7.747 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.5	8.4	12.6



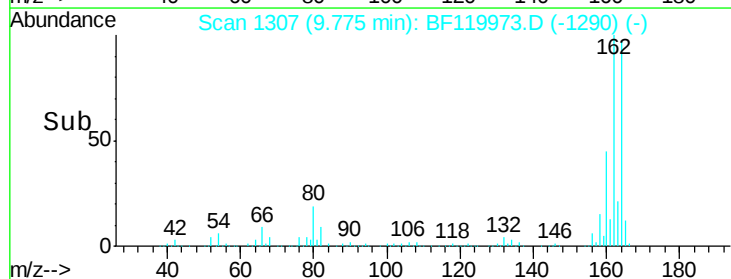
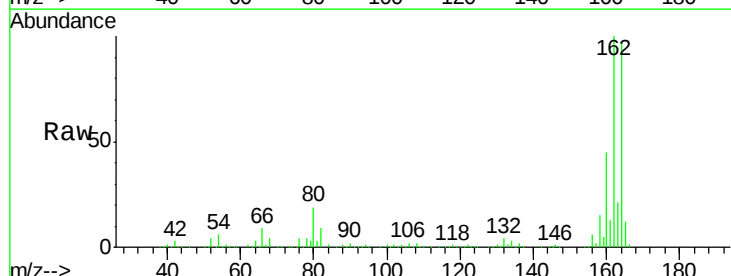
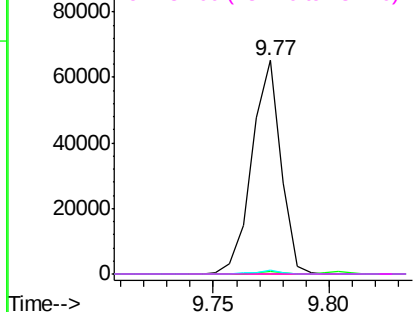
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

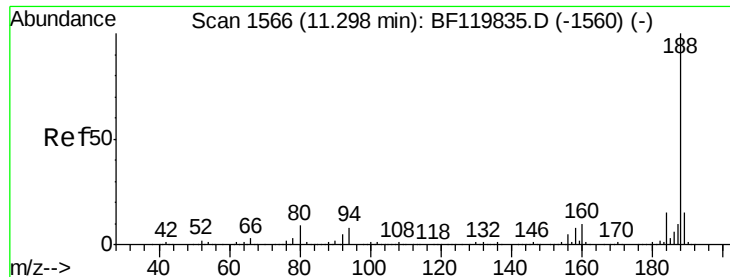


#57
2,4-Dinitrotoluene
Concen: 5.582 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.6	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

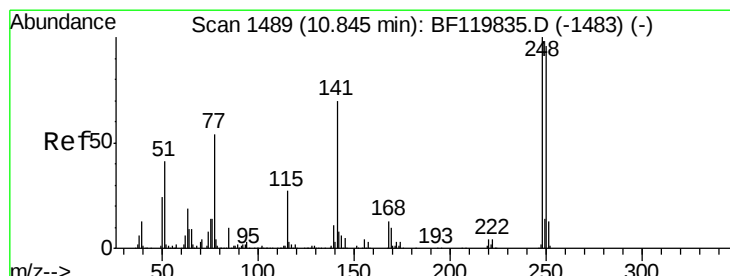
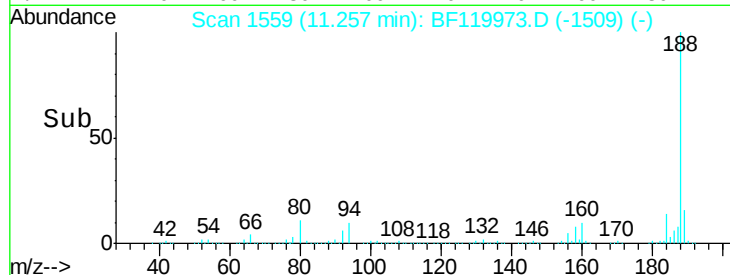
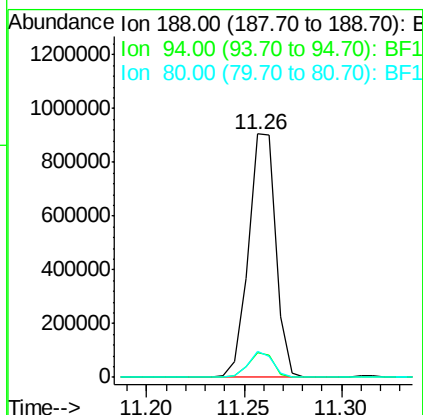
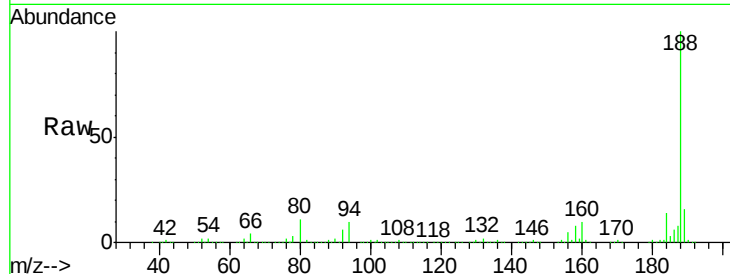




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

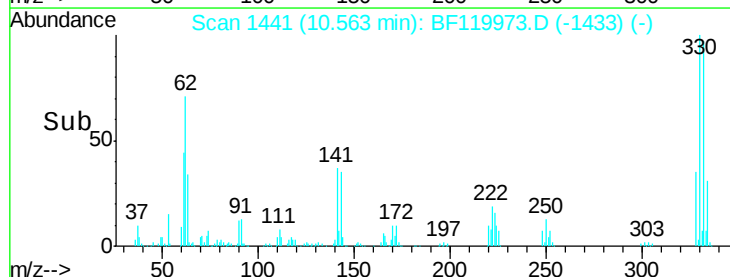
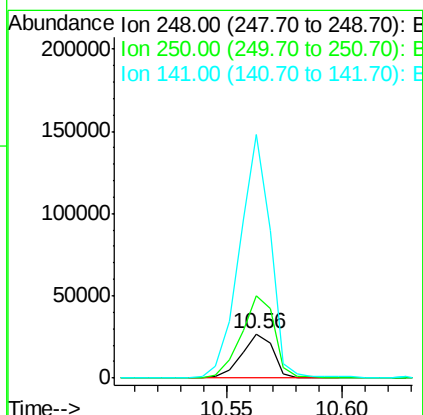
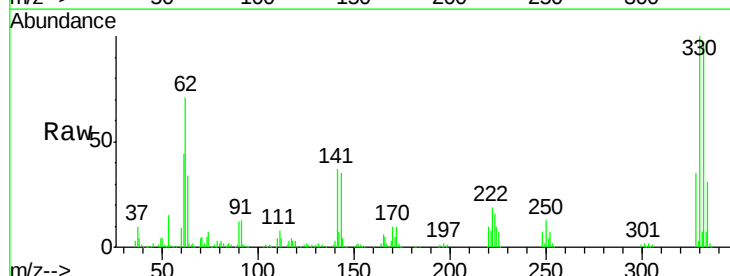
Instrument :
BNA_F
ClientSampleId :
VNJ-204

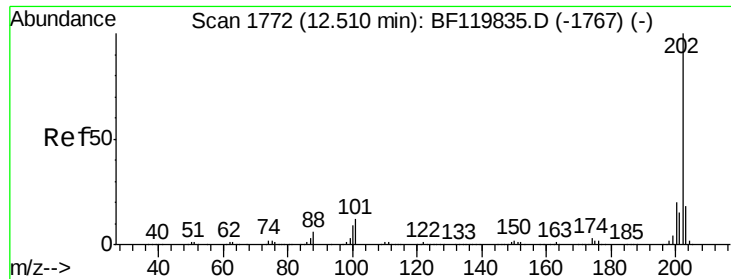
Tot Ion:188 Resp: 880195
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.6 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.350 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Tgt Ion:248 Resp: 25724
Ion Ratio Lower Upper
248 100
250 185.4 76.6 114.8#
141 549.3 55.9 83.9#

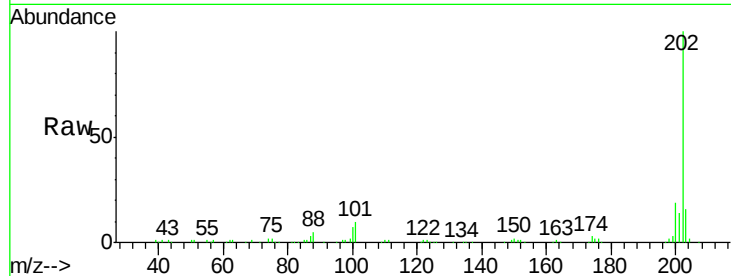




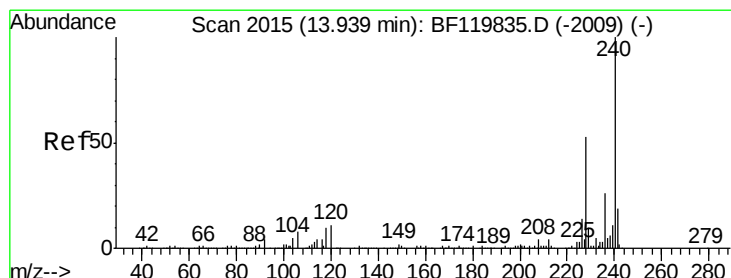
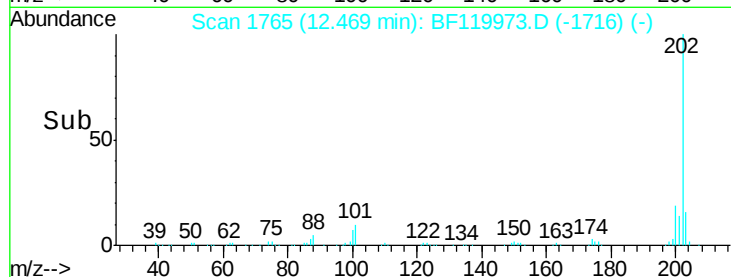
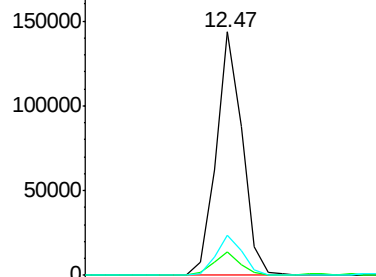
#75
Fluoranthene
Concen: 2.246 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Instrument :
BNA_F
ClientSampleId :
VNJ-204

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.3
203	16.5	0.0	37.6

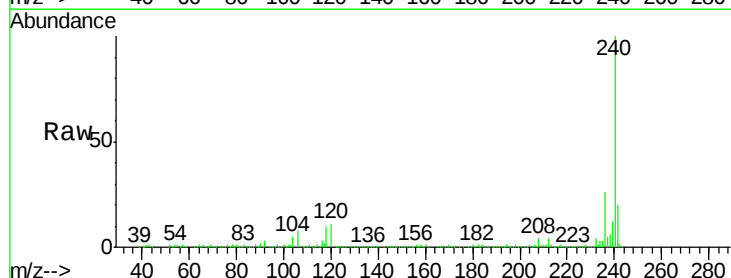


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

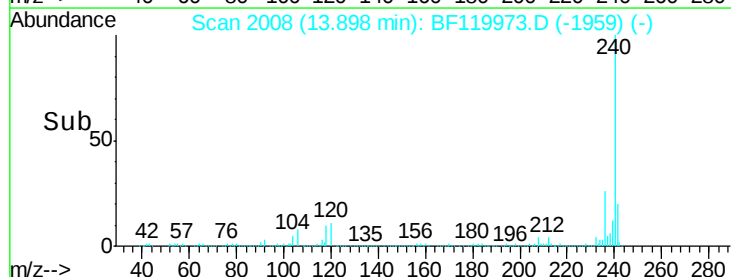
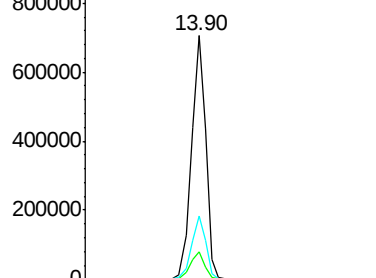


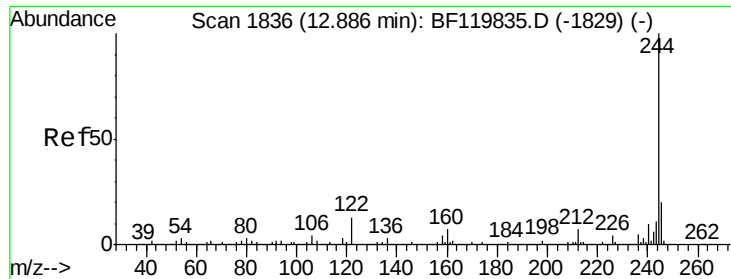
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119973.D
Acq: 15 Apr 2020 00:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.8	20.7	31.1



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

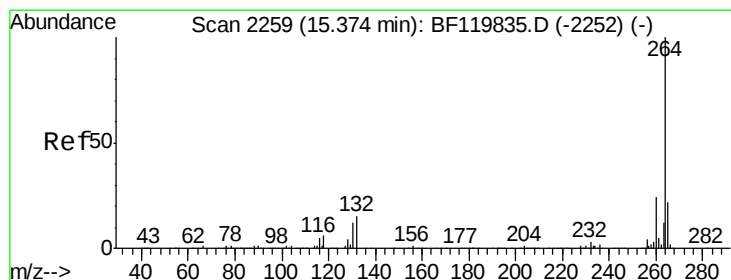
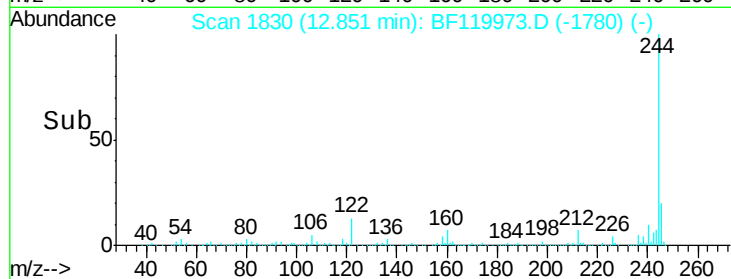
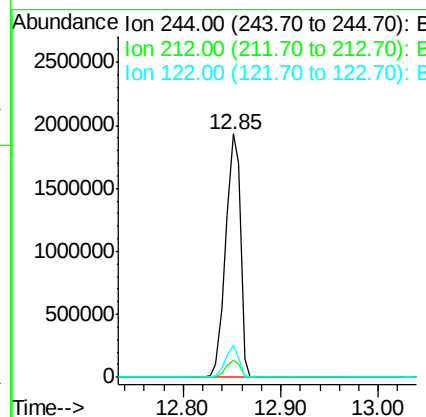
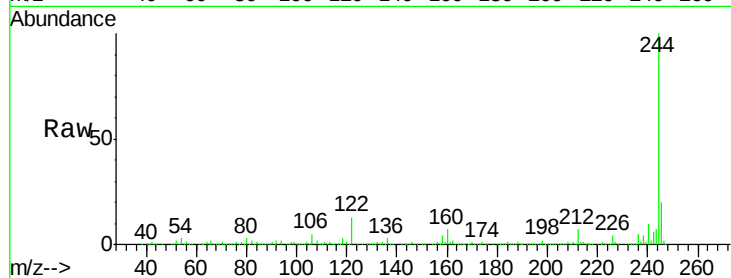




#79
 Terphenyl-d14
 Concen: 53.945 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119973.D
 Acq: 15 Apr 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204

Tot Ion:244 Resp: 2028793
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119973.D
 Acq: 15 Apr 2020 00:52

Tgt Ion:264 Resp: 490173
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 20.8 17.6 26.4

