

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119055.D
 Acq On : 25 Feb 2020 8:42
 Operator : CG/JU
 Sample : L1659-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 10:10:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

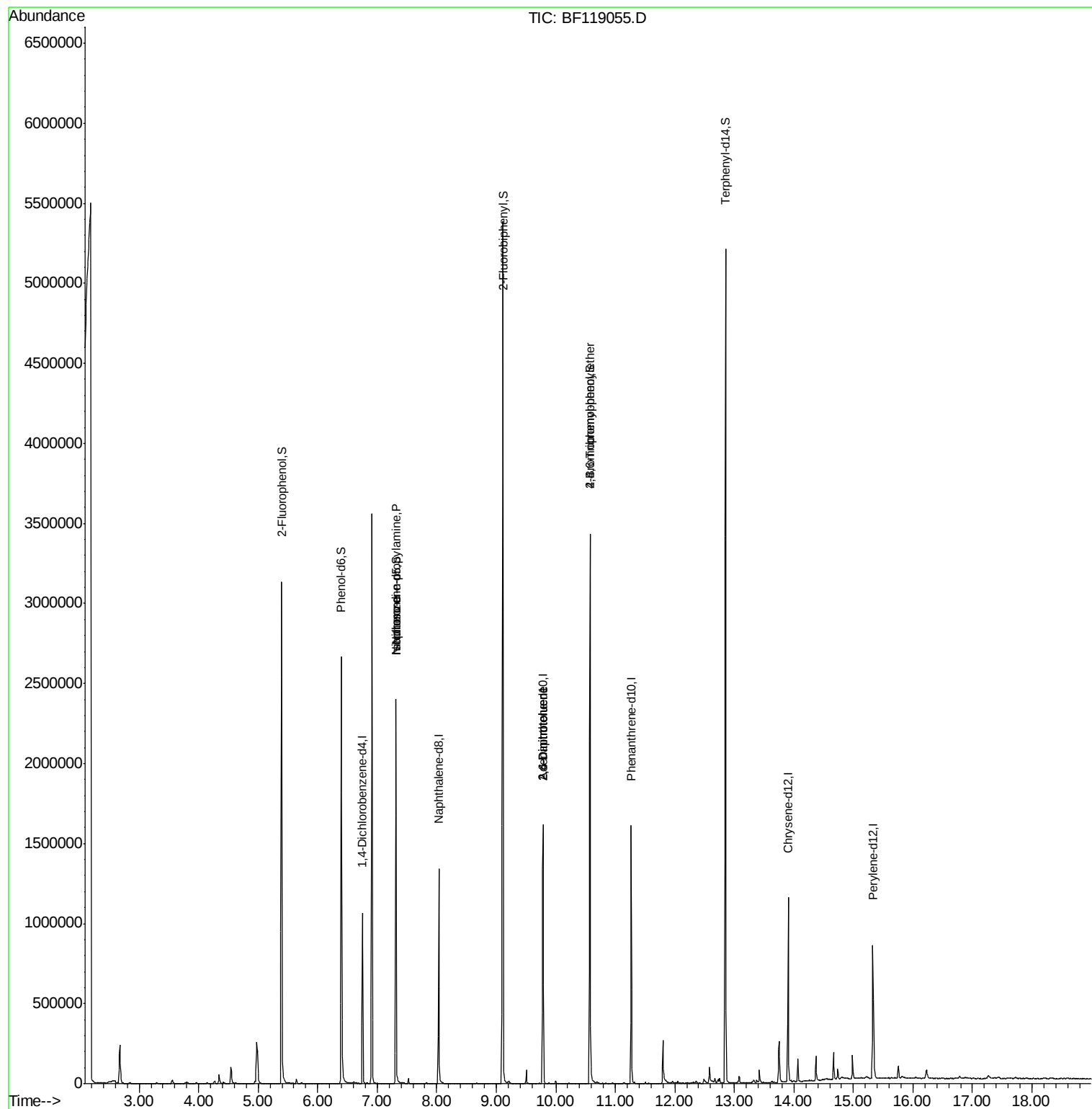
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	166456	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	651508	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	349312	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	608523	20.00	ng	0.00
76) Chrysene-d12	13.90	240	405514	20.00	ng	0.00
87) Perylene-d12	15.33	264	417260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	957377	96.12	ng	0.01
7) Phenol-d6	6.40	99	1004899	82.96	ng	0.00
23) Nitrobenzene-d5	7.32	82	901347	73.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	476976	104.38	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1763595	74.38	ng	-0.01
79) Terphenyl-d14	12.85	244	1998298	84.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	123905	17.554	ng	# 76
25) Isophorone	7.32	82	901341	42.061	ng	# 63
51) 2,6-Dinitrotoluene	9.79	165	44392	7.480	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	44392	5.771	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	30852	3.879	ng	# 1

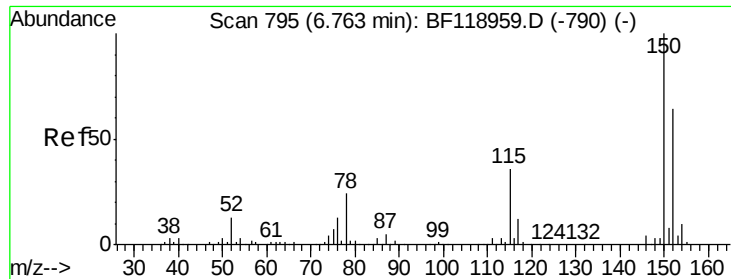
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119055.D
Acq On : 25 Feb 2020 8:42
Operator : CG/JU
Sample : L1659-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 25 10:10:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



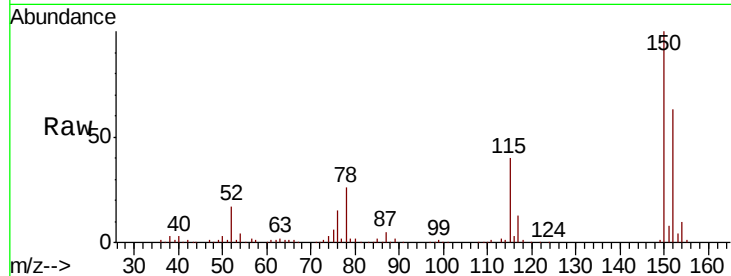


#1

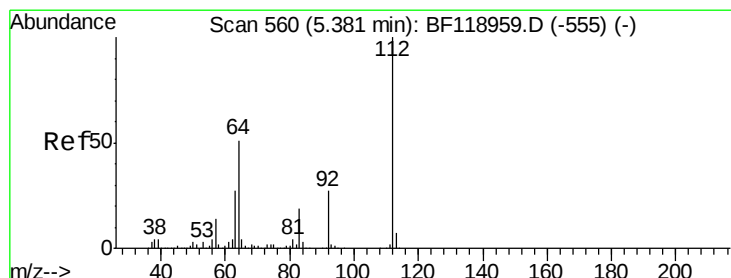
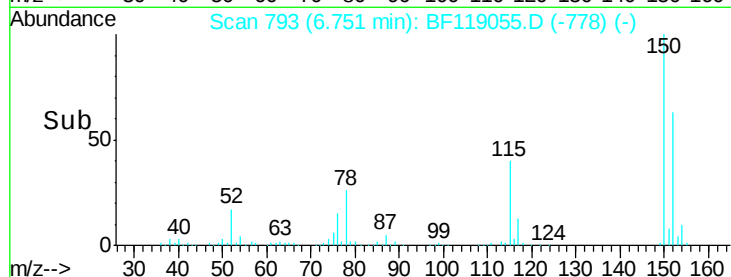
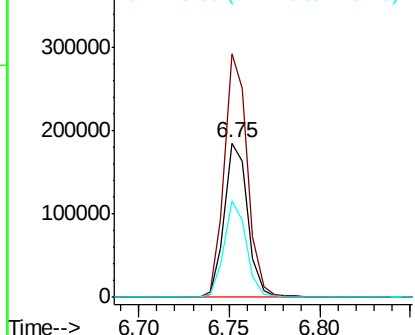
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	62.5	44.6	67.0



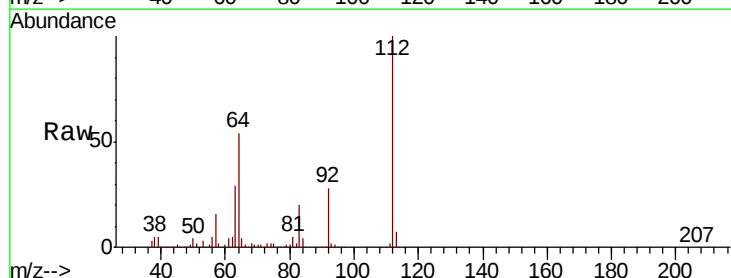
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



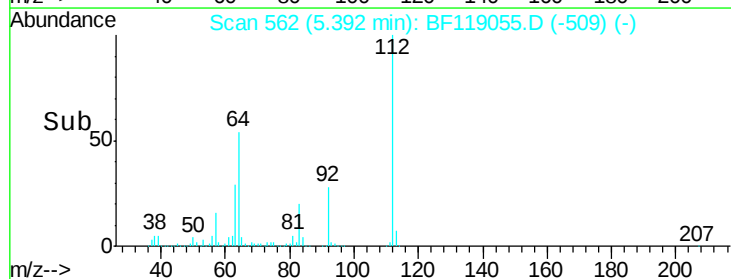
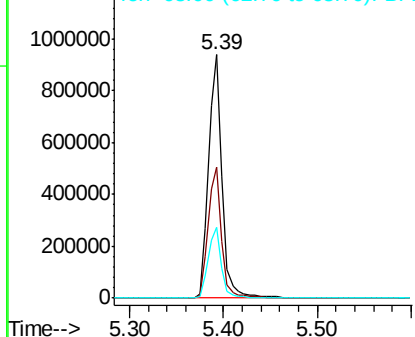
#5

2-Fluorophenol
Concen: 96.118 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	40.4	60.6
63	29.0	21.3	31.9



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: 82.956 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampleId :

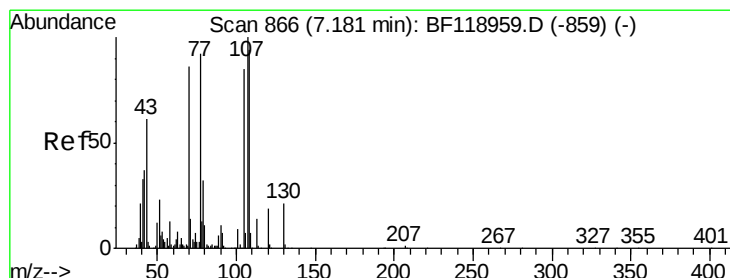
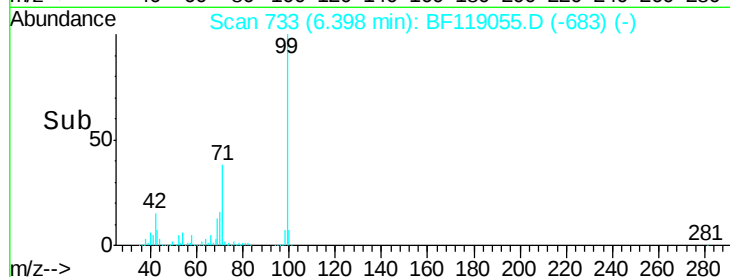
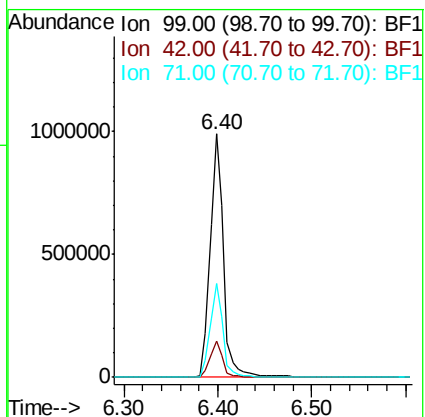
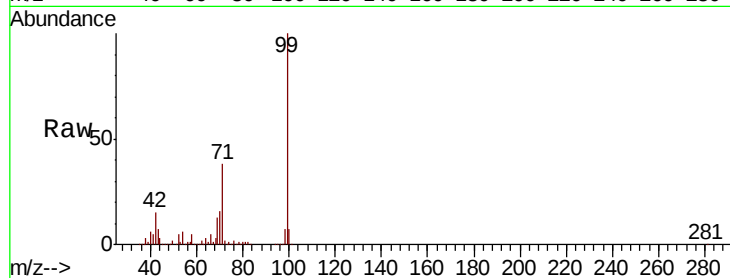
Tot Ion: 99 Resp: 1004899

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

71 38.4 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.554 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Tgt Ion: 70 Resp: 123905

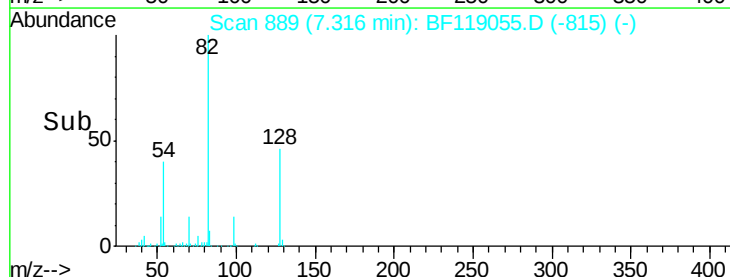
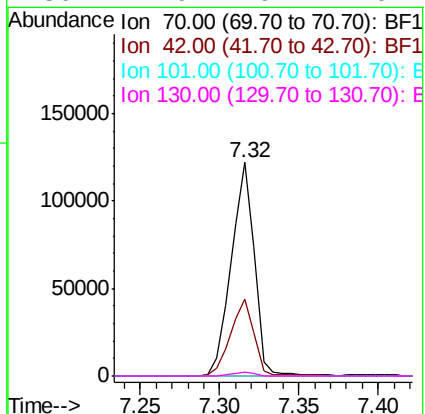
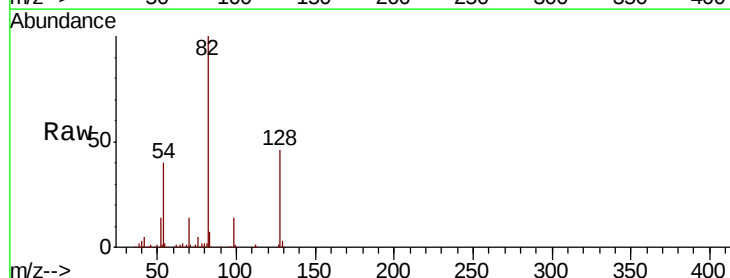
Ion Ratio Lower Upper

70 100

42 35.8 34.6 51.8

101 0.0 8.1 12.1#

130 1.9 19.4 29.2#

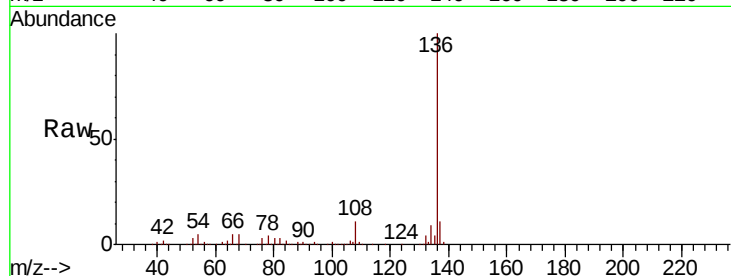




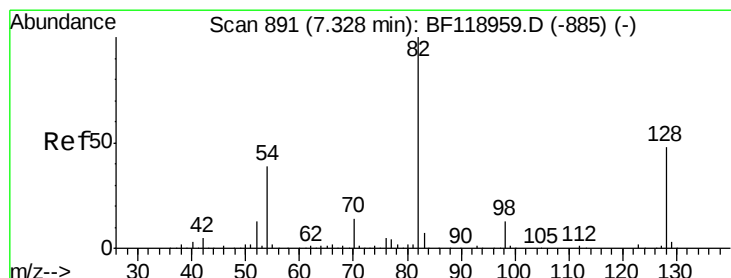
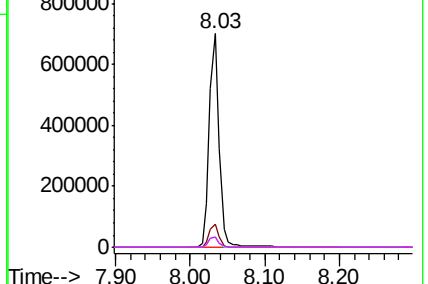
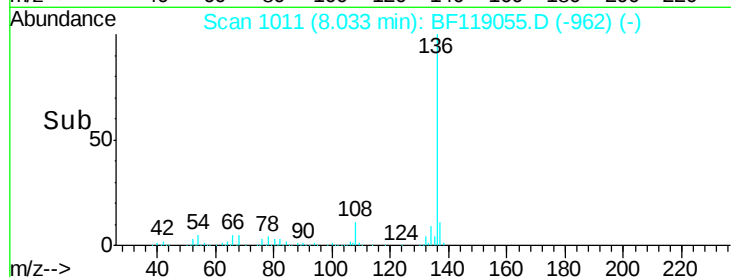
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	651508
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	4.7	3.8 5.6
68	5.0	4.2 6.2

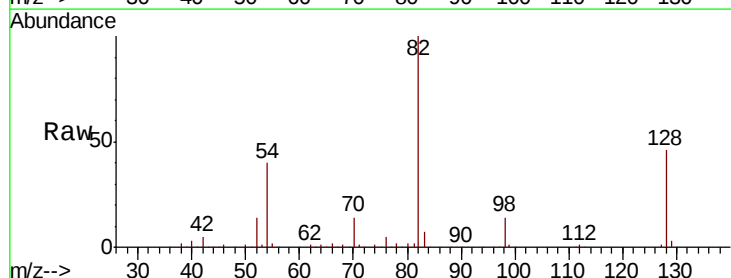


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

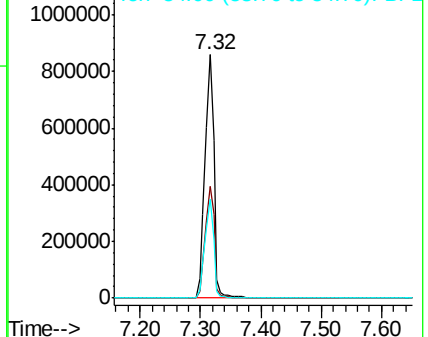
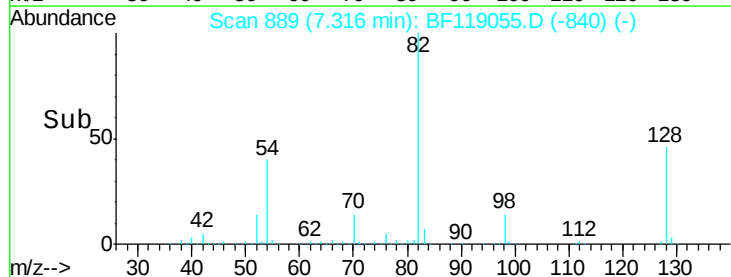


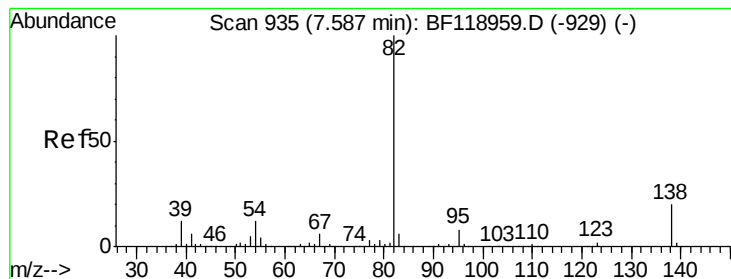
#23
Nitrobenzene-d5
Concen: 73.048 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Tgt Ion: 82	Resp:	901347
Ion	Ratio	Lower Upper
82	100	
128	45.8	38.2 57.2
54	40.5	31.3 46.9



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: 42.061 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

Instrument :

BNA_F

ClientSampled :

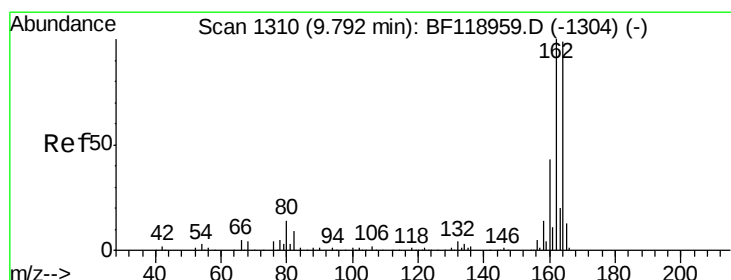
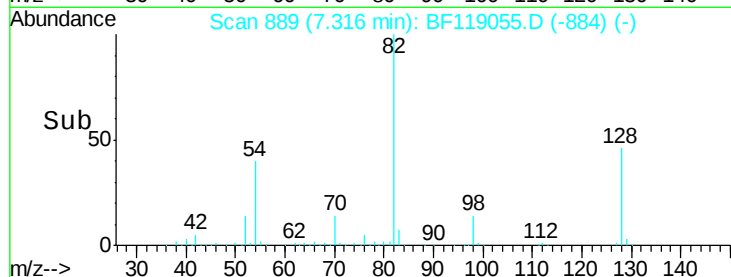
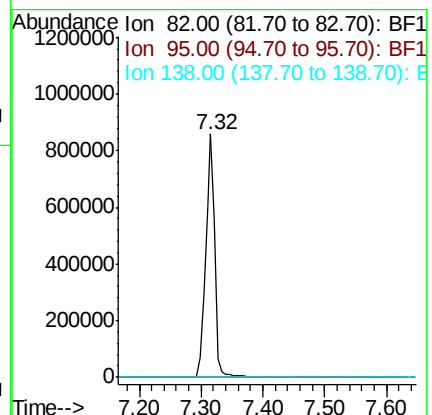
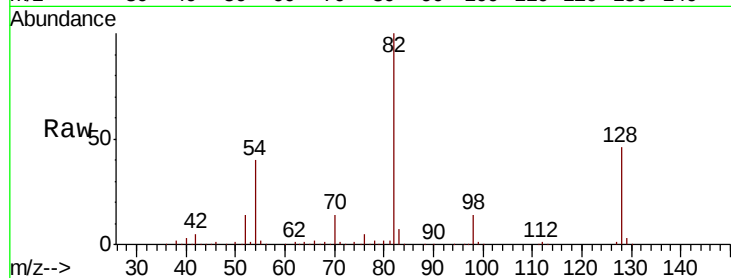
Tot Ion: 82 Resp: 901341

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119055.D

Acq: 25 Feb 2020 8:42

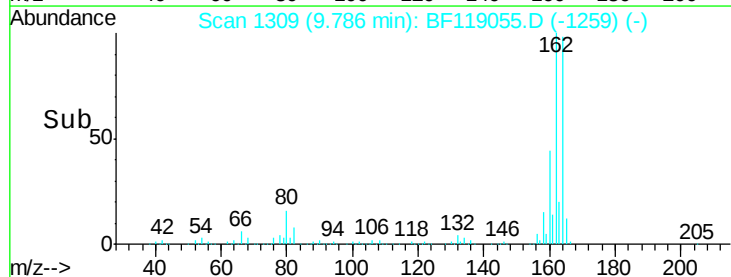
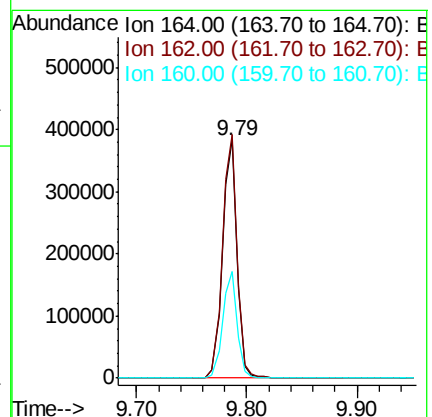
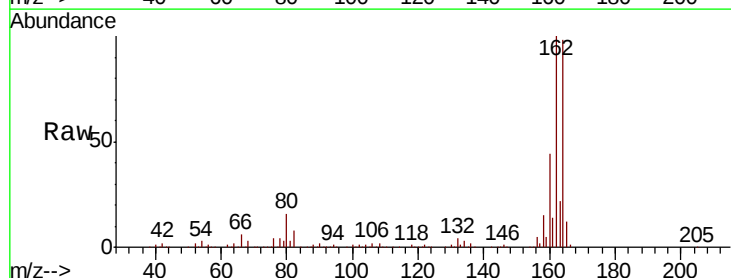
Tgt Ion: 164 Resp: 349312

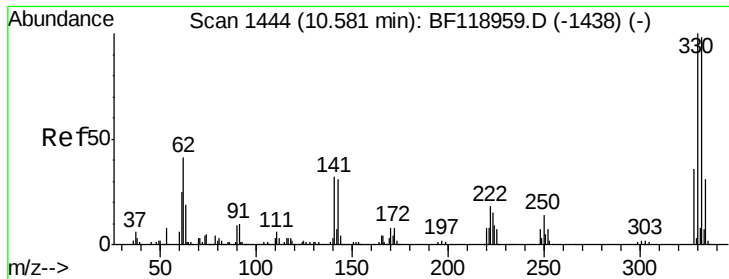
Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

160 44.6 35.2 52.8

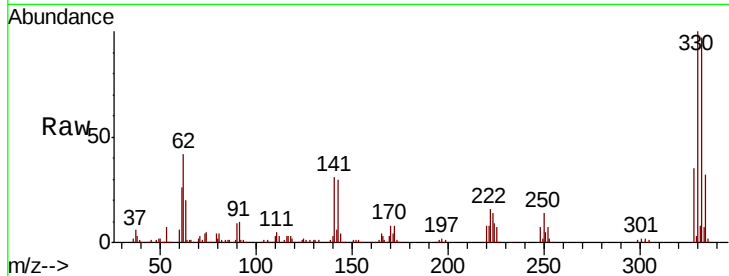




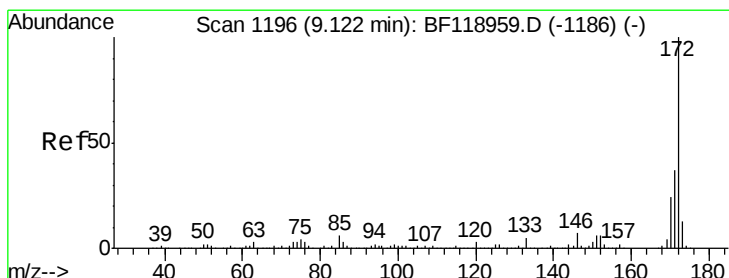
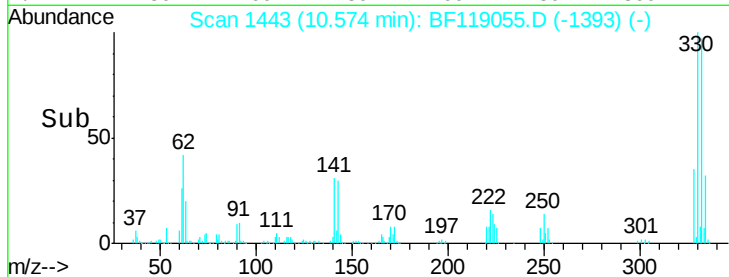
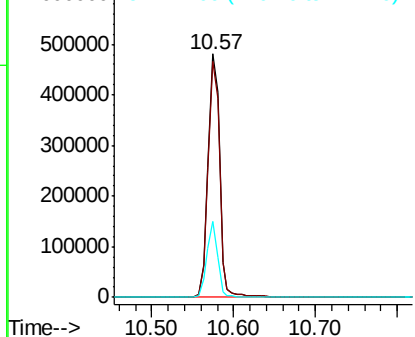
#42
 2,4,6-Tribromophenol
 Concen: 104.380 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 476976
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 29.0 23.0 34.6

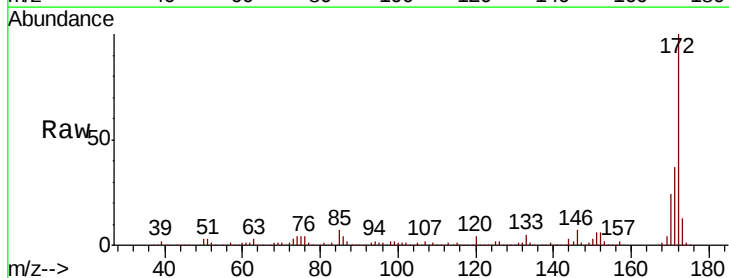


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

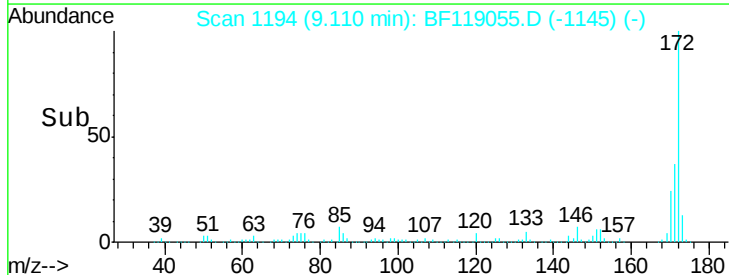
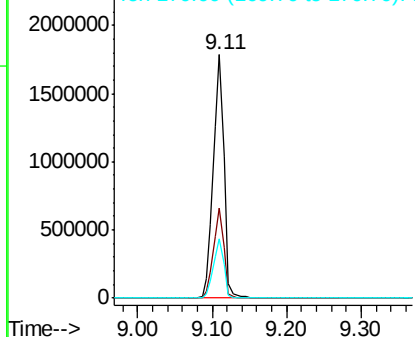


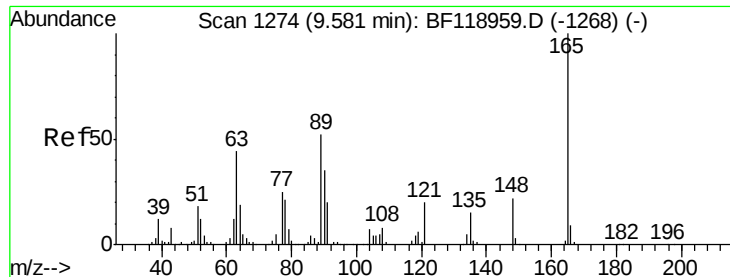
#45
 2-Fluorobiphenyl
 Concen: 74.377 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Tgt Ion:172 Resp: 1763595
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.2
 170 24.5 19.6 29.4



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

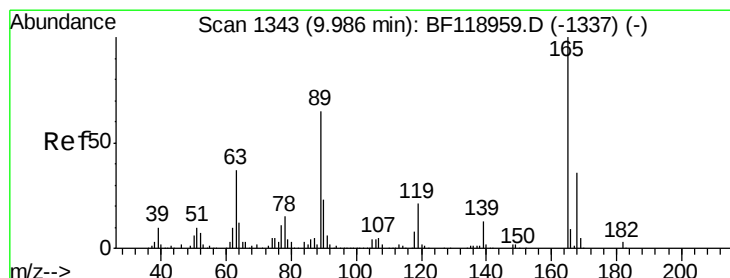
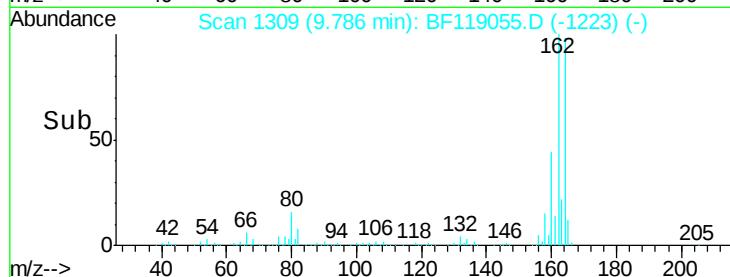
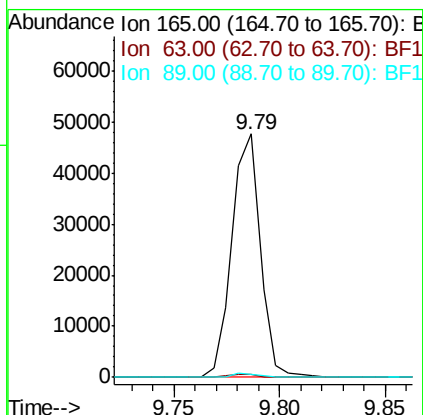
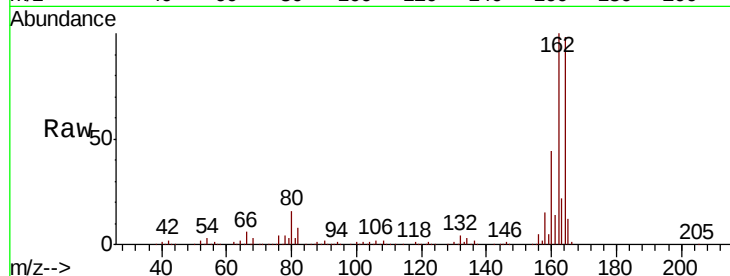




#51
 2,6-Dinitrotoluene
 Concen: 7.480 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.21 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

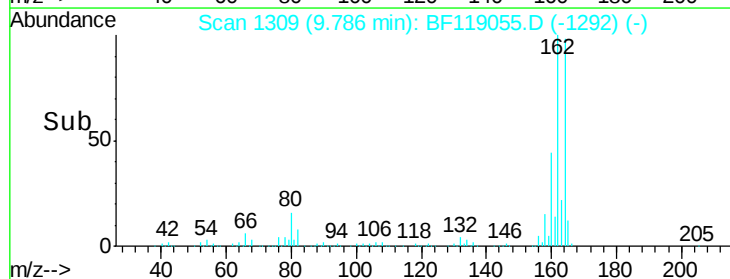
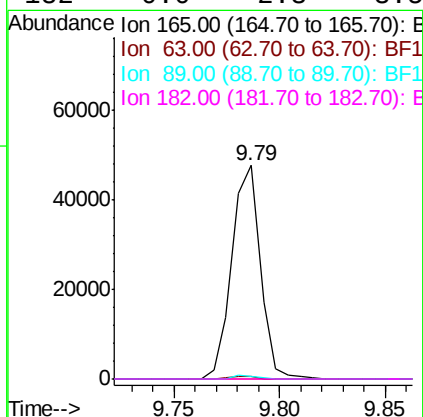
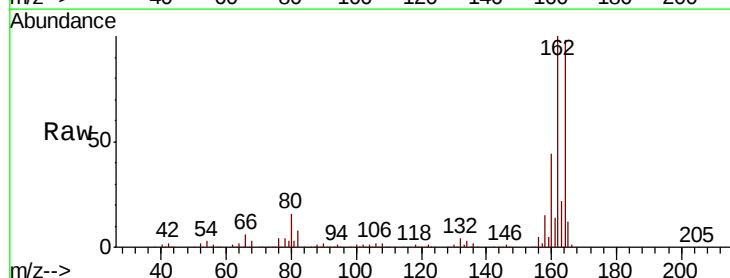
Instrument :
 BNA_F
 ClientSampleId :

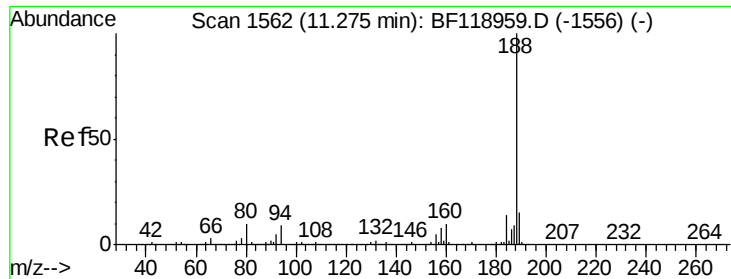
Tot Ion:165 Resp: 44392
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.9 56.9#
 89 1.4 41.4 62.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.771 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Tgt Ion:165 Resp: 44392
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.8#
 89 1.4 51.9 77.9#
 182 0.0 2.3 3.5#

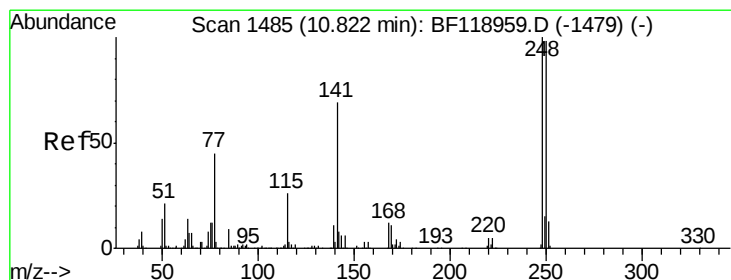
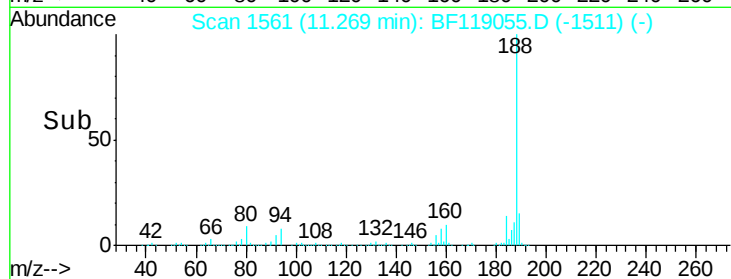
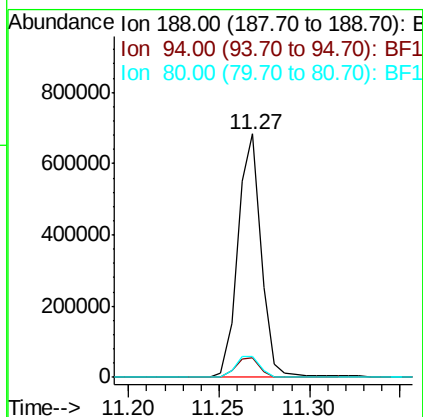
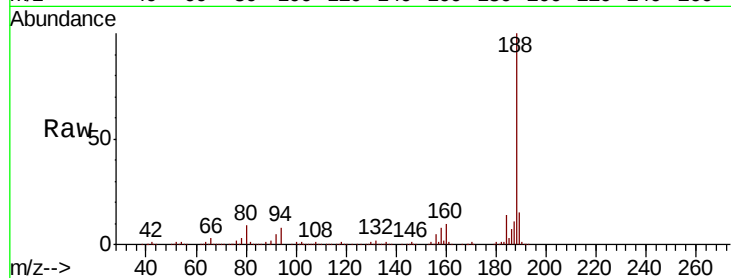




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

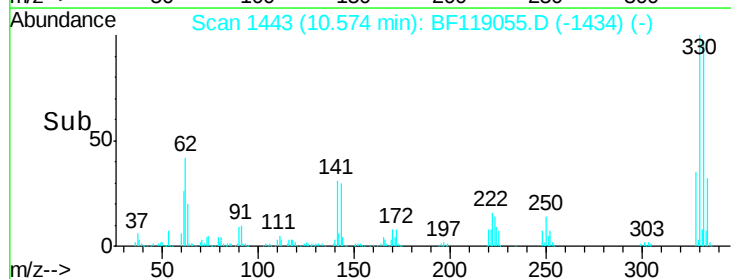
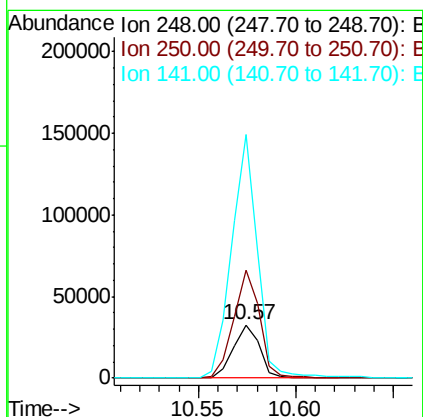
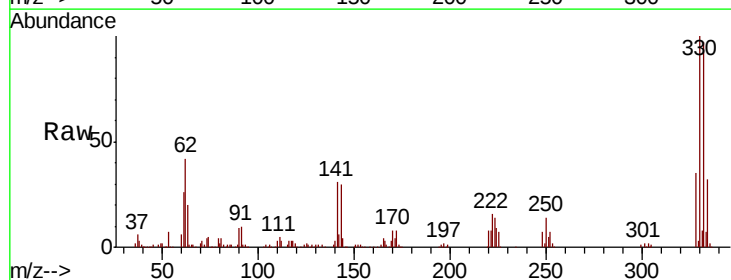
Instrument :
BNA_F
ClientSampleId :

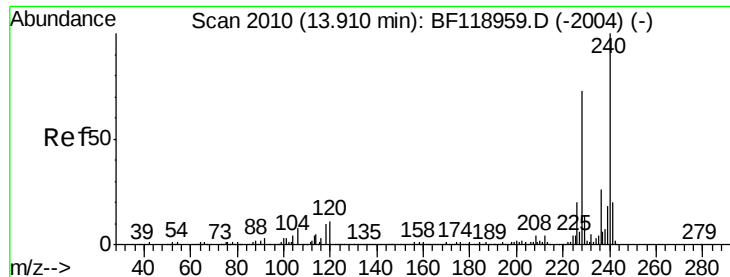
Tot Ion:188 Resp: 608523
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.879 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119055.D
Acq: 25 Feb 2020 8:42

Tgt Ion:248 Resp: 30852
Ion Ratio Lower Upper
248 100
250 201.7 78.8 118.2#
141 456.8 55.3 82.9#

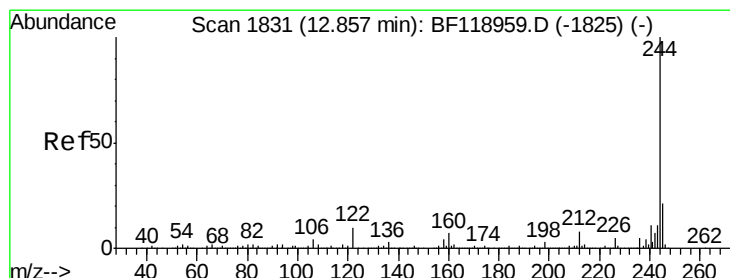
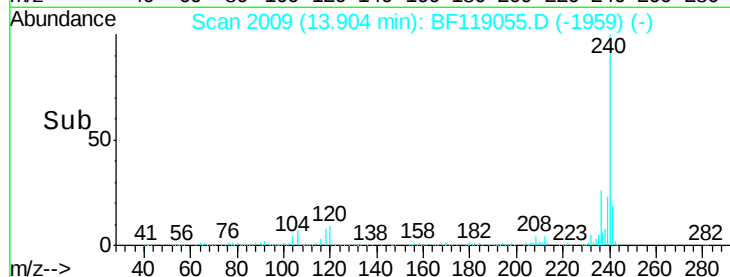
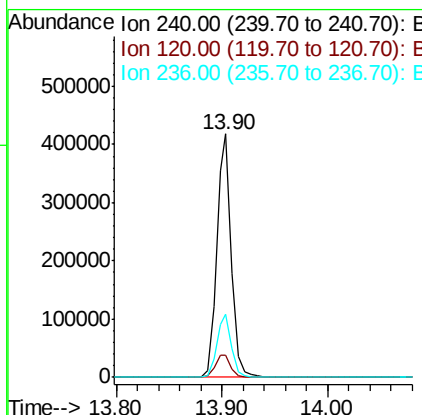
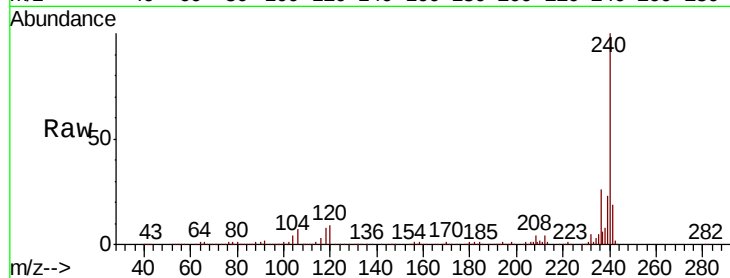




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

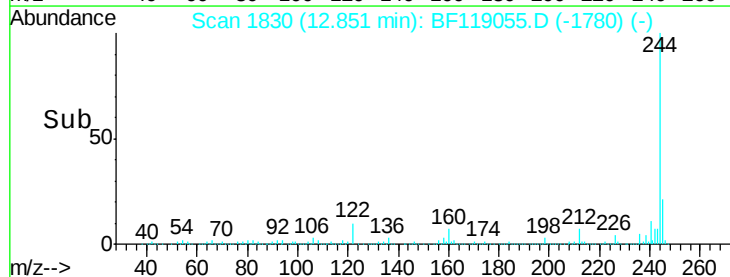
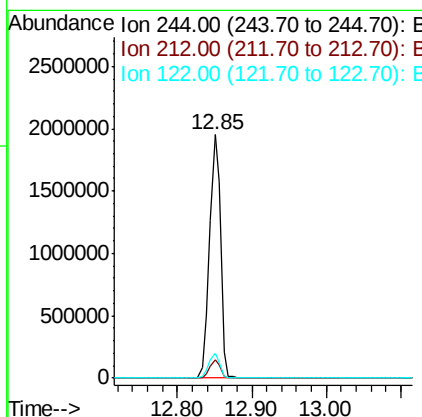
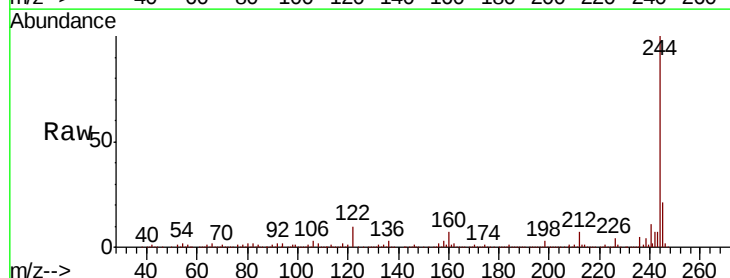
Instrument :
 BNA_F
 ClientSampleId :

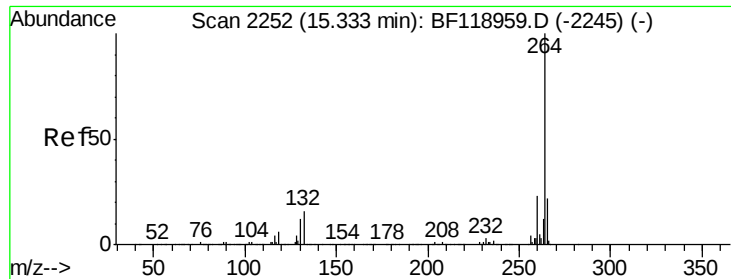
Tot Ion:240 Resp: 405514
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.9 13.3
 236 26.1 20.6 30.8



#79
 Terphenyl-d14
 Concen: 84.841 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Tgt Ion:244 Resp: 1998298
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.2 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119055.D
 Acq: 25 Feb 2020 8:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 417260
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.8 17.3 25.9

