

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119235.D
 Acq On : 6 Mar 2020 2:25
 Operator : CG/JU
 Sample : L1775-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:32:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

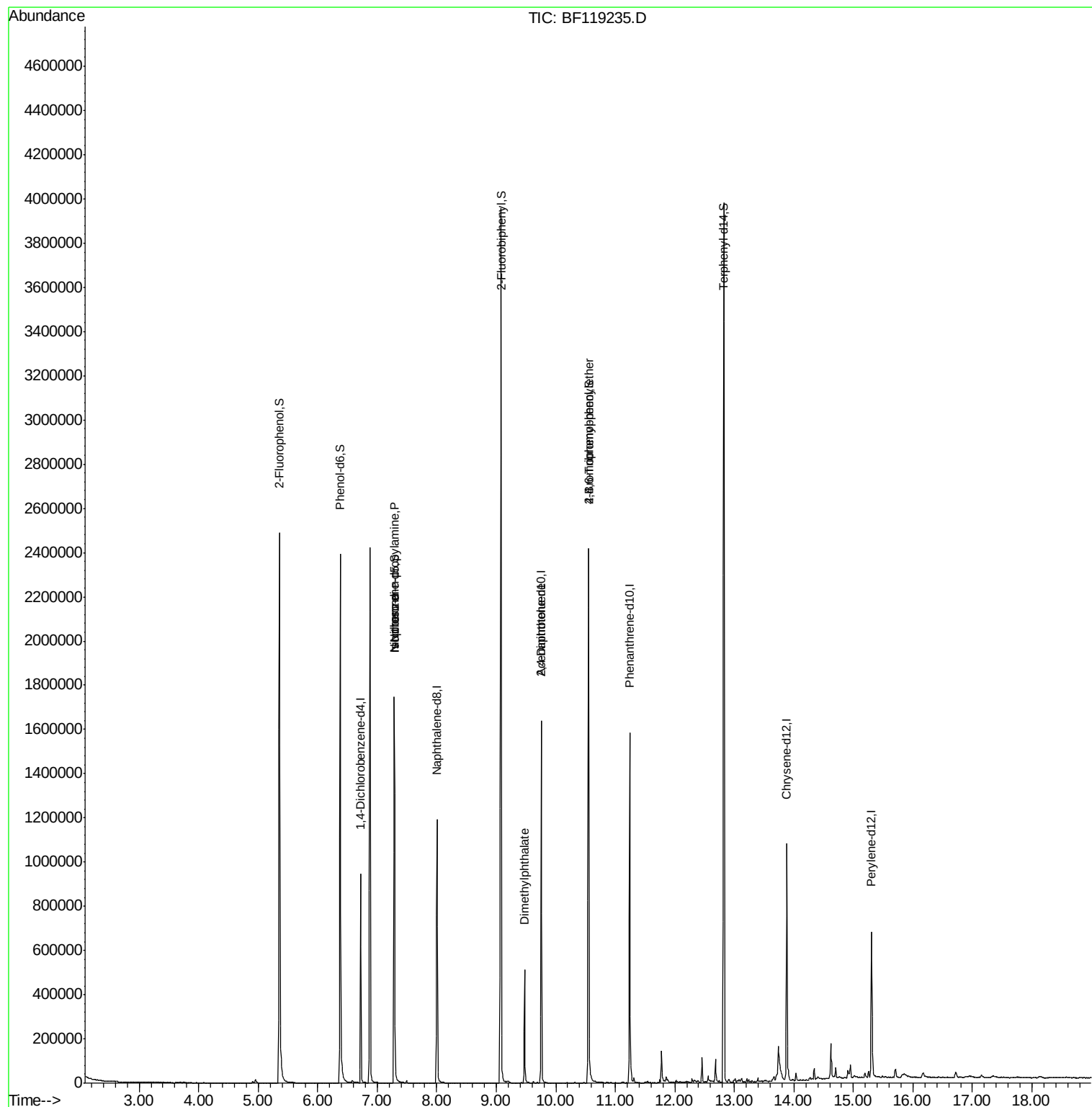
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150261	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	589950	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	331420	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	592709	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	342275	20.00	ng	-0.02
87) Perylene-d12	15.30	264	302323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	792465	88.14	ng	-0.01
7) Phenol-d6	6.38	99	983542	89.94	ng	-0.02
23) Nitrobenzene-d5	7.29	82	648193	58.01	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	347856	80.23	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1323158	58.81	ng	-0.03
79) Terphenyl-d14	12.82	244	1520287	76.47	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	87766	13.774	ng	# 76
25) Isophorone	7.29	82	648188	33.404	ng	# 63
50) Dimethylphthalate	9.47	163	214051	8.446	ng	99
57) 2,4-Dinitrotoluene	9.76	165	40926	5.608	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	22640	2.922	ng	# 1

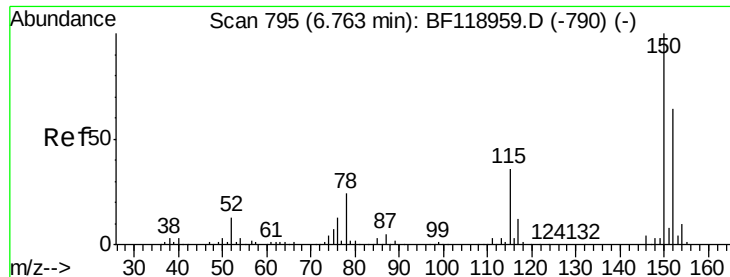
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119235.D
Acq On : 6 Mar 2020 2:25
Operator : CG/JU
Sample : L1775-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 06:32:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



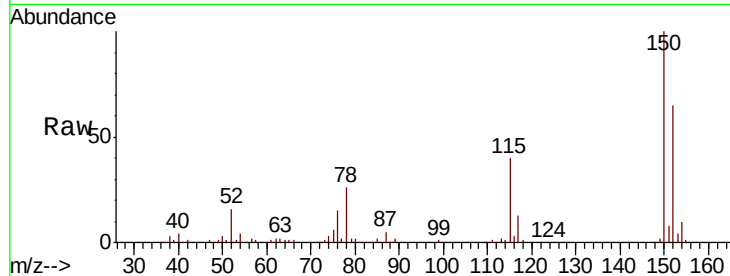


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.6
115	61.6	49.5	74.3

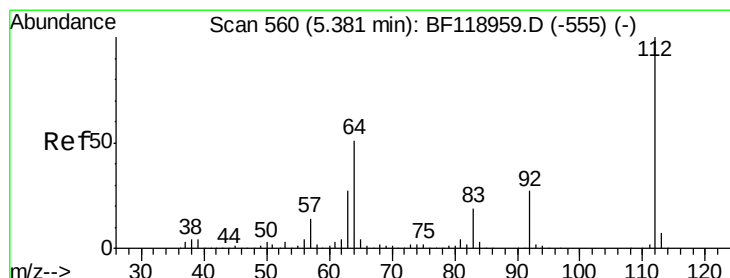
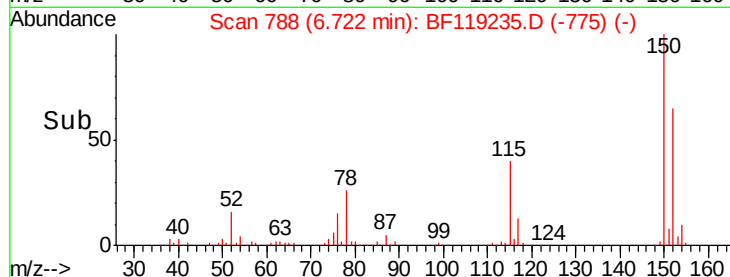
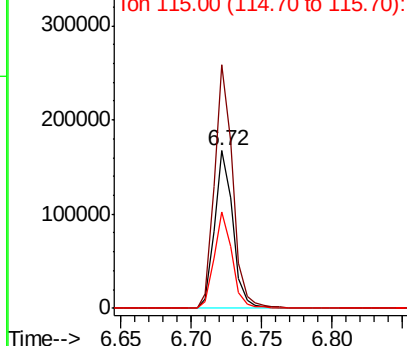


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

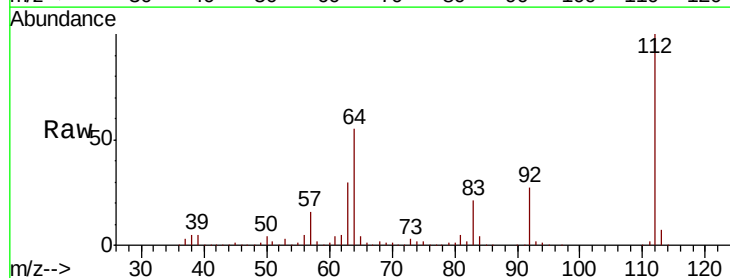
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.137 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.0	67.4
63	29.9	24.2	36.4

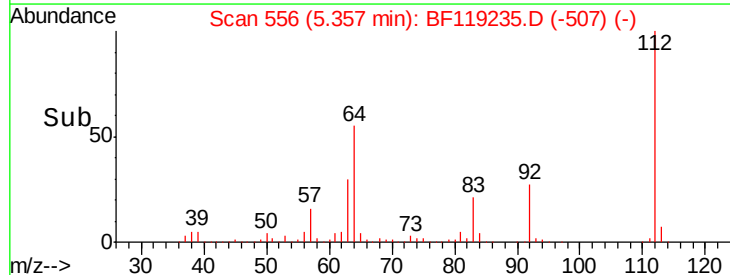
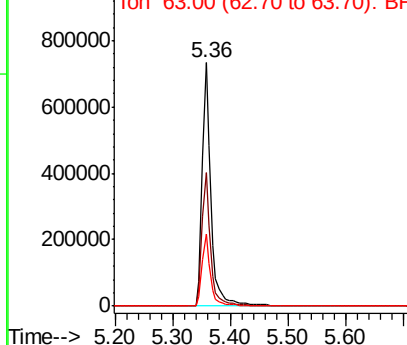


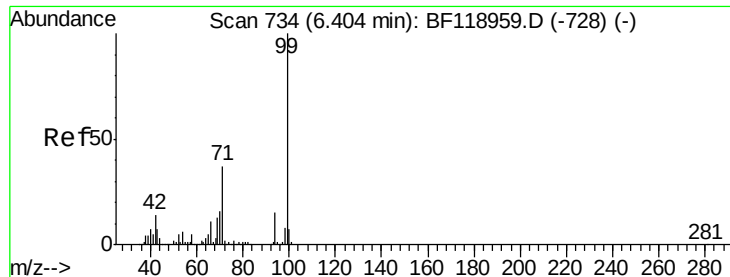
Abundance

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: 89.944 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Instrument :

BNA_F

ClientSampleId :

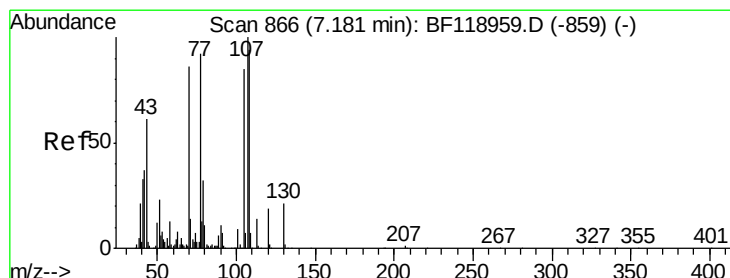
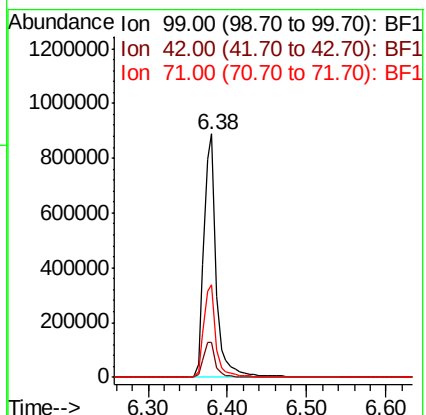
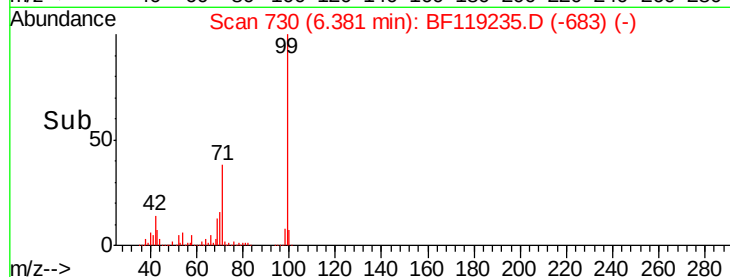
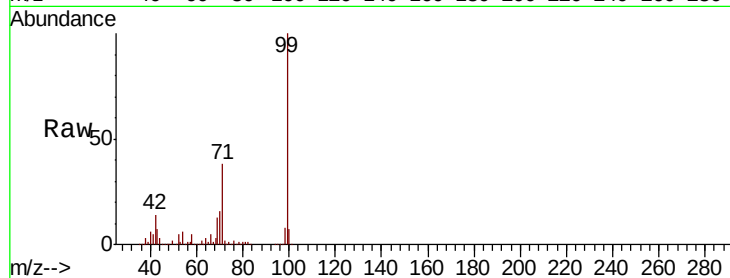
Tot Ion: 99 Resp: 983542

Ion Ratio Lower Upper

99 100

42 14.3 12.6 18.8

71 38.1 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.774 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Tgt Ion: 70 Resp: 87766

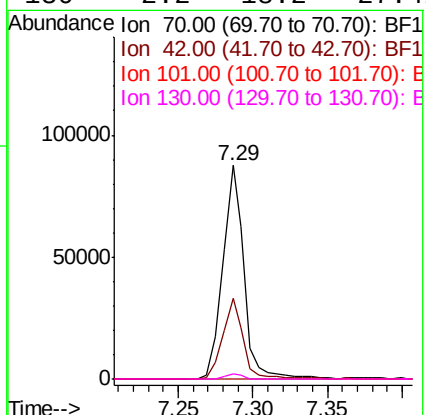
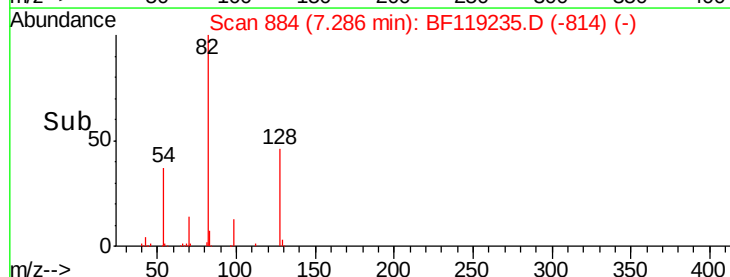
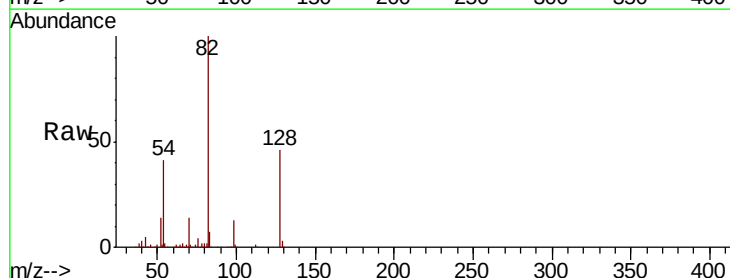
Ion Ratio Lower Upper

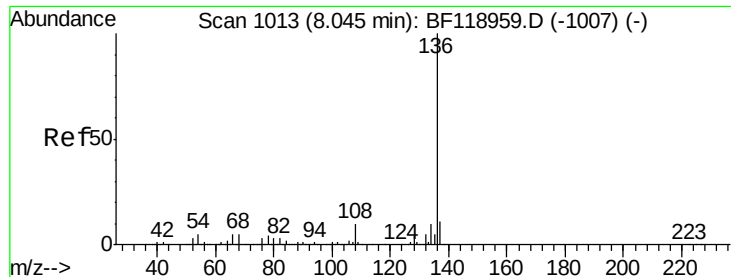
70 100

42 37.5 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

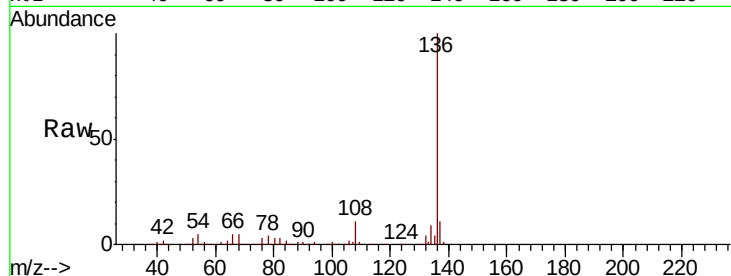




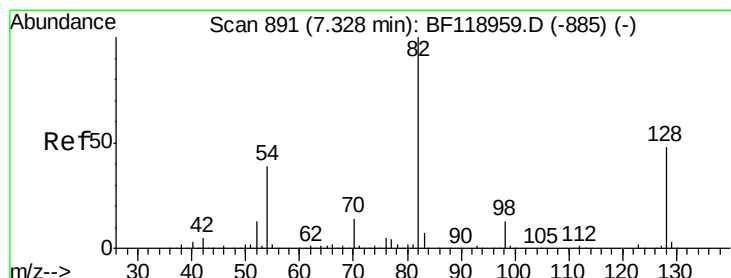
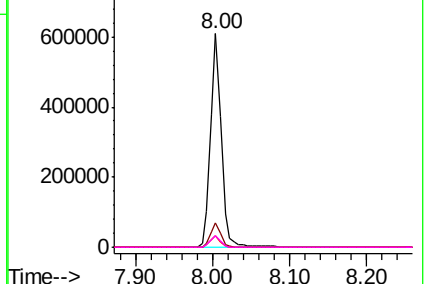
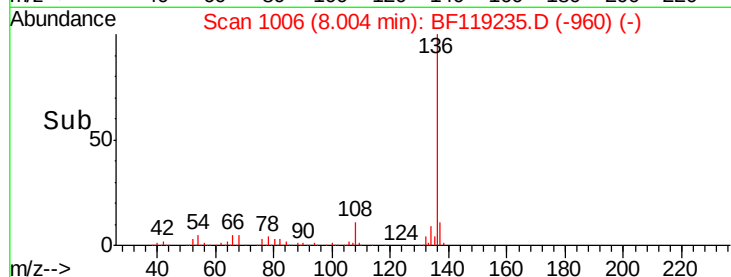
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	589950
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	5.1	3.8 5.6
68	5.4	3.9 5.9

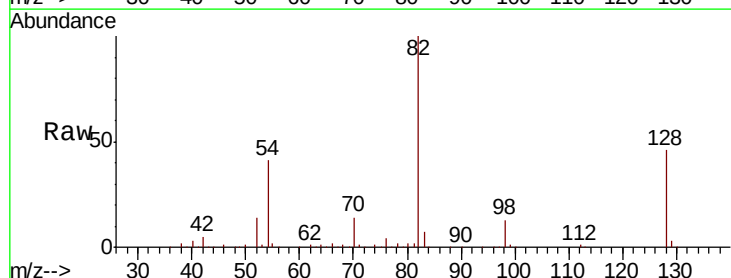


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

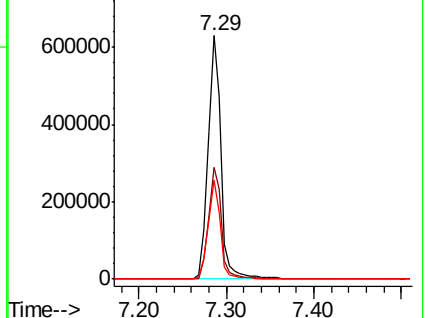
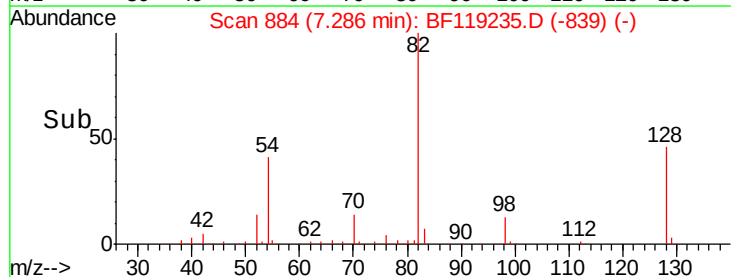


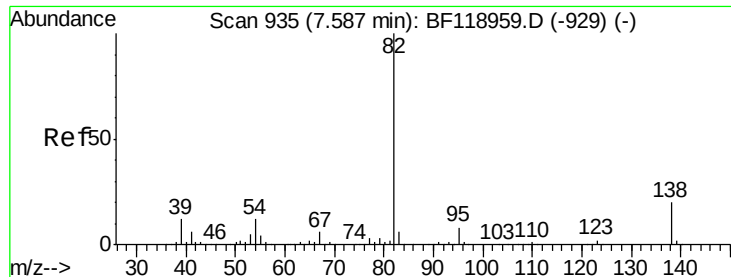
#23
Nitrobenzene-d5
Concen: 58.013 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Tgt Ion: 82	Resp:	648193
Ion	Ratio	Lower Upper
82	100	
128	45.8	37.9 56.9
54	40.6	33.4 50.2



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: 33.404 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Instrument :

BNA_F

ClientSampleId :

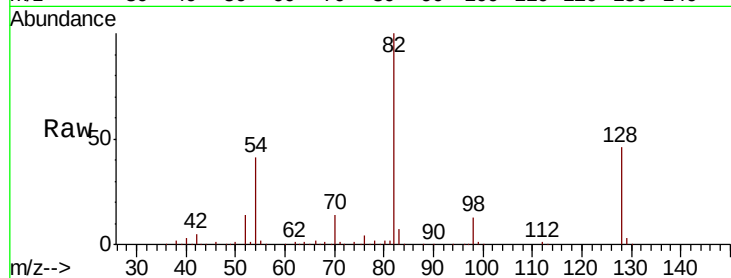
Tot Ion: 82 Resp: 648188

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

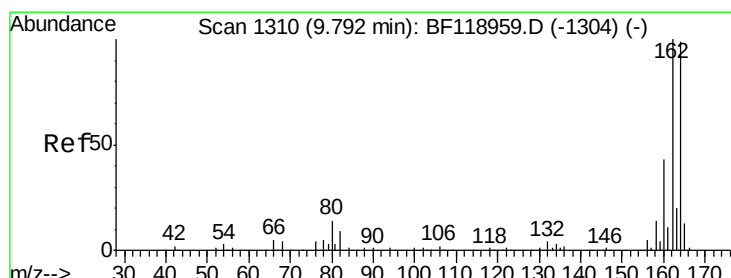
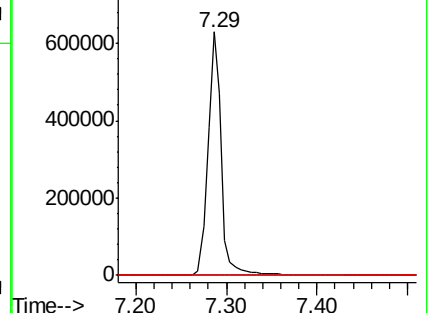
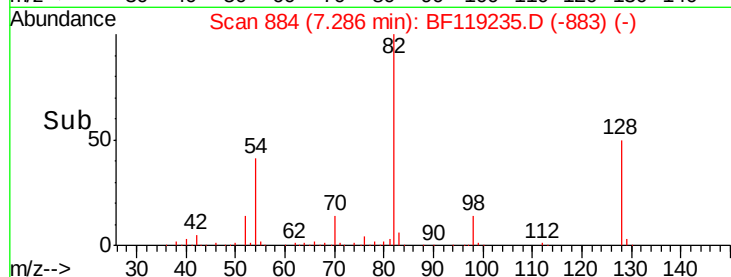
138 0.0 15.7 23.5#



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: 9.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

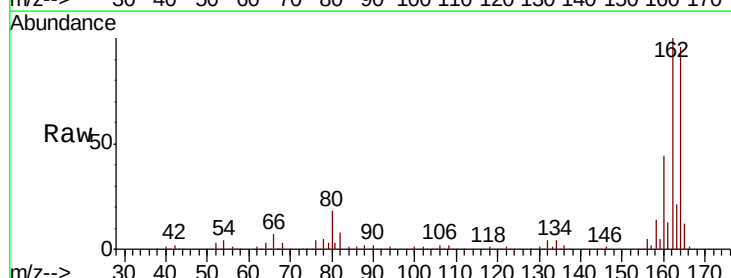
Tgt Ion: 164 Resp: 331420

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.8

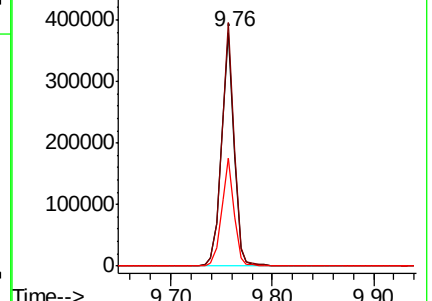
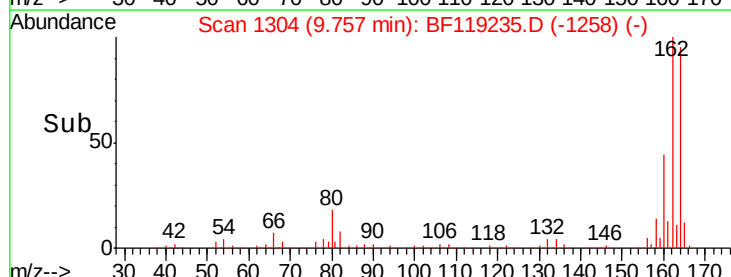
160 46.0 36.0 54.0

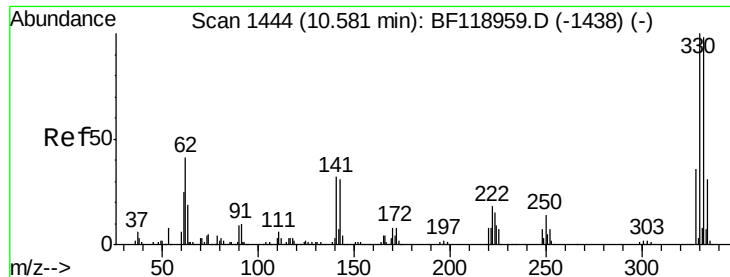


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

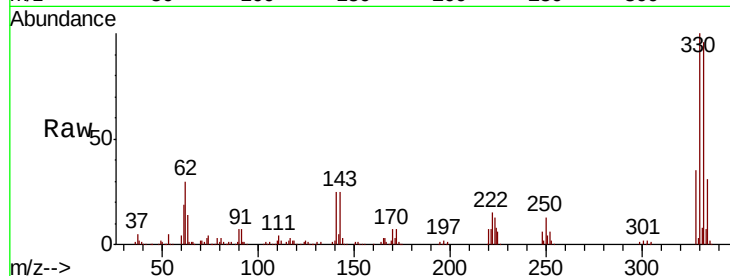




#42
 2,4,6-Tribromophenol
 Concen: 80.234 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119235.D
 Acq: 6 Mar 2020 2:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.0	114.0
141	29.7	22.9	34.3

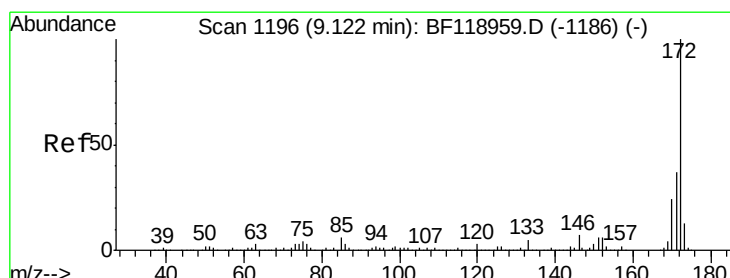
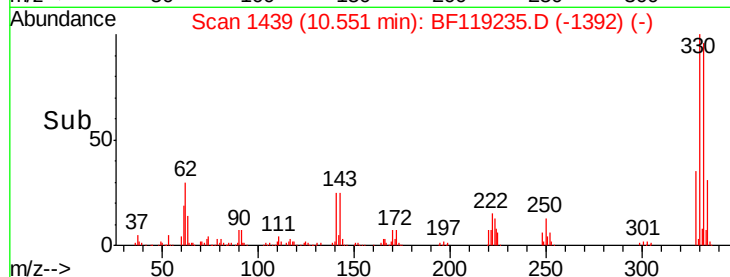
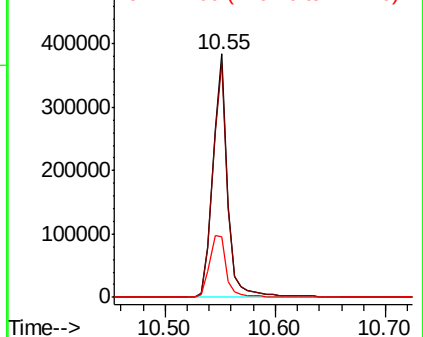


Abundance

Ion 329.80 (329.50 to 330.50): E

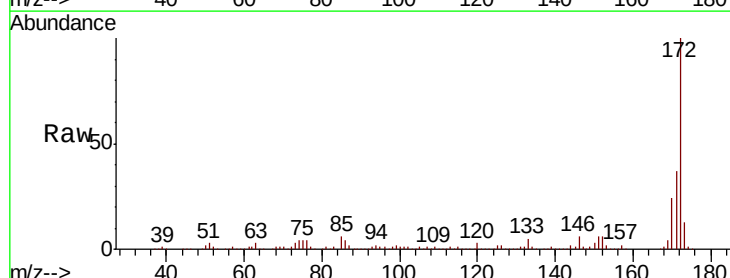
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.815 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119235.D
 Acq: 6 Mar 2020 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.2	20.2	30.2

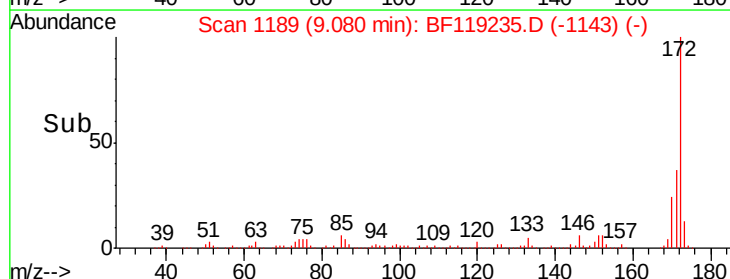
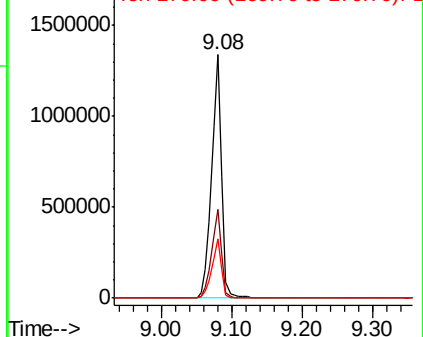


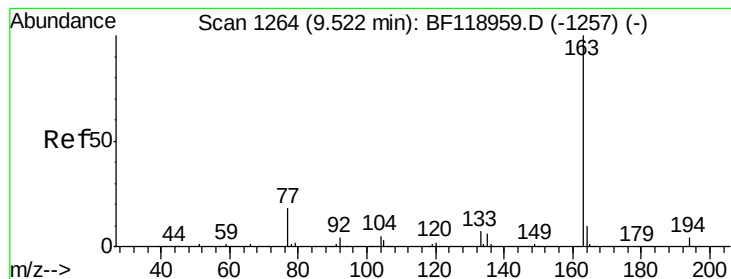
Abundance

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: 8.446 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Instrument :

BNA_F

ClientSampled :

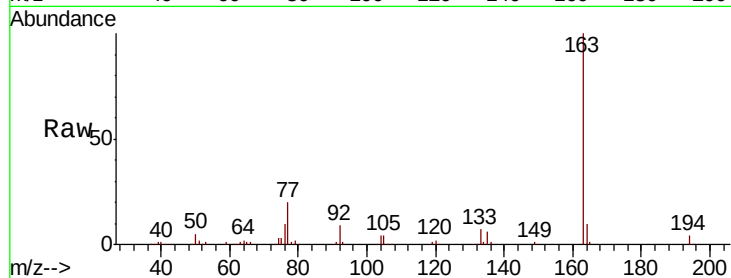
Tot Ion:163 Resp: 214051

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

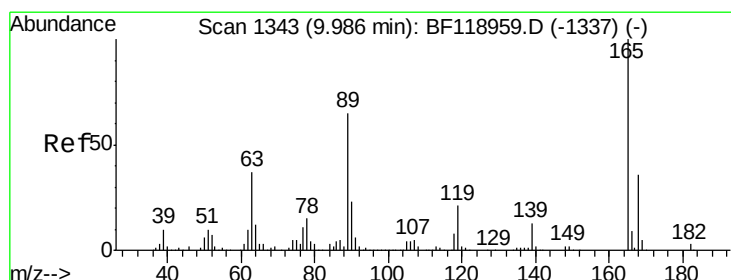
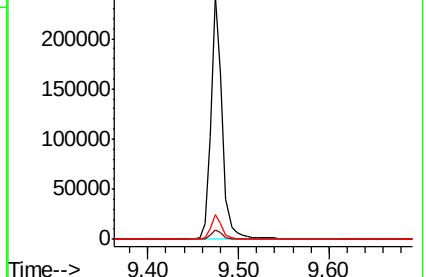
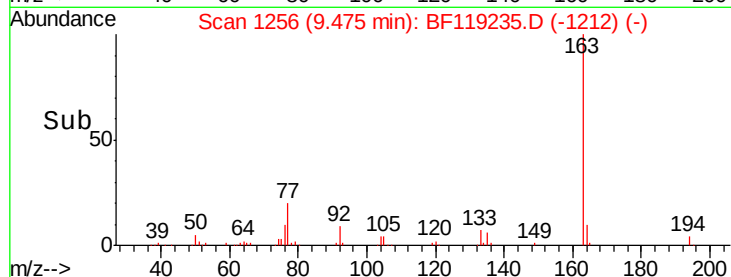
164 10.0 8.4 12.6



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: 5.608 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BF119235.D

Acq: 6 Mar 2020 2:25

Tgt Ion:165 Resp: 40926

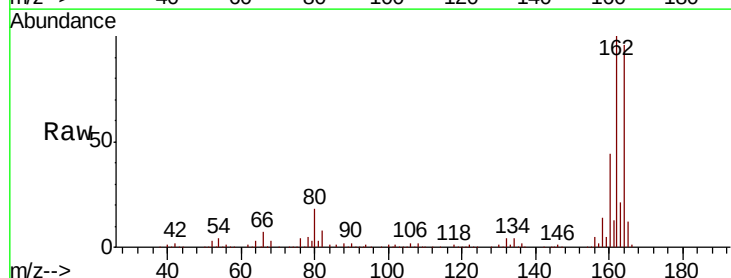
Ion Ratio Lower Upper

165 100

63 1.5 42.3 63.5#

89 1.6 60.2 90.4#

182 0.0 2.3 3.5#

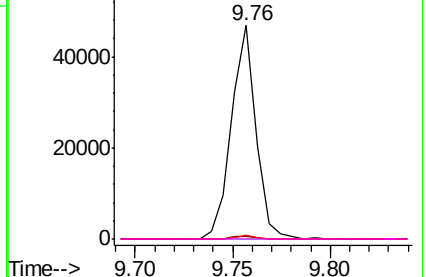
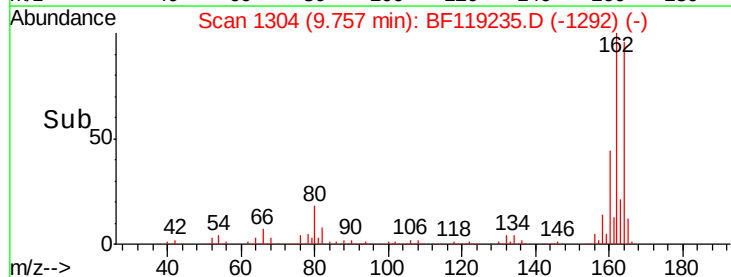


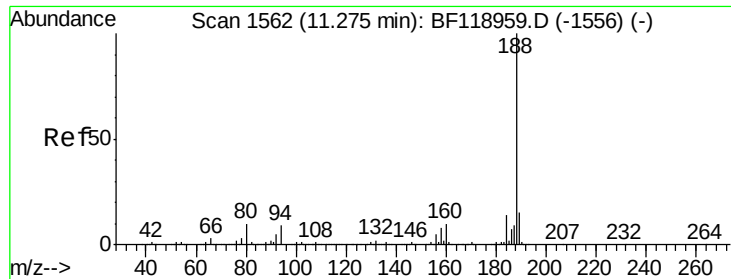
Abundance Ion 165.00 (164.70 to 165.70): E

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

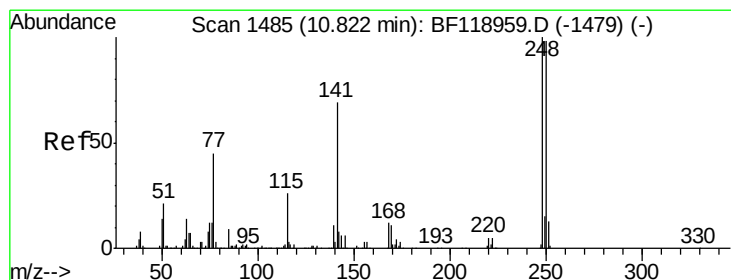
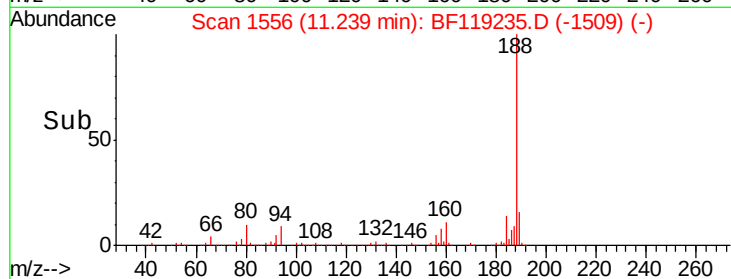
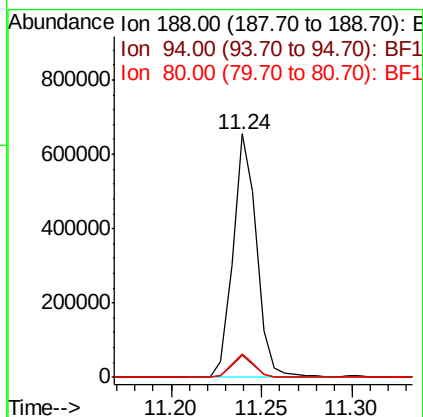
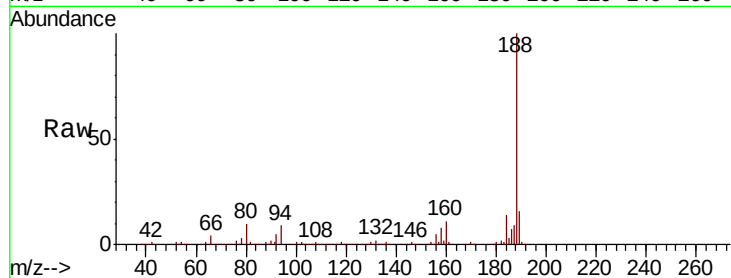




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

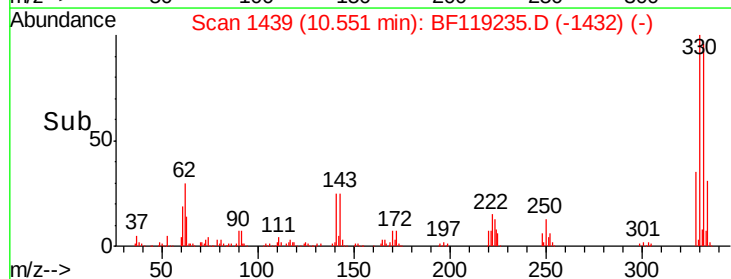
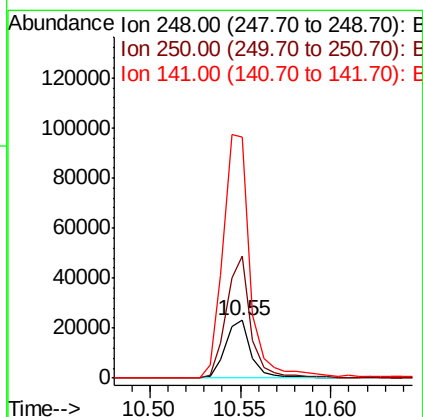
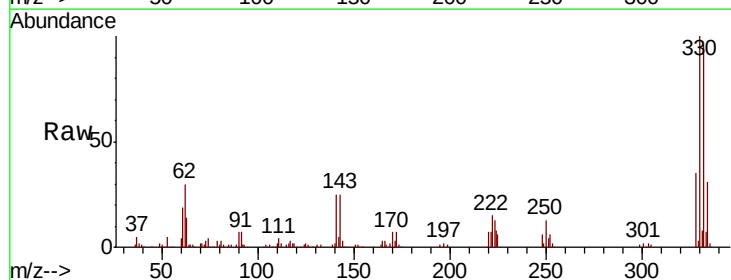
Instrument :
BNA_F
ClientSampleId :

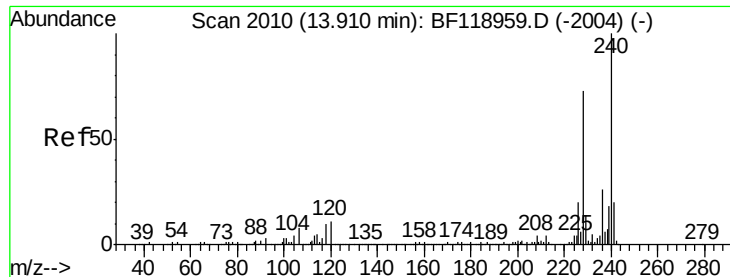
Tot Ion:188 Resp: 592709
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.7 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Tgt Ion:248 Resp: 22640
Ion Ratio Lower Upper
248 100
250 212.8 76.7 115.1#
141 418.3 60.7 91.1#

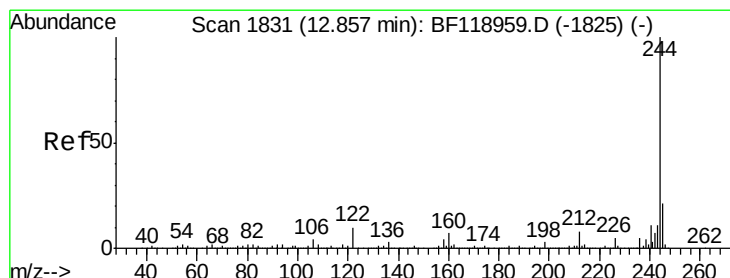
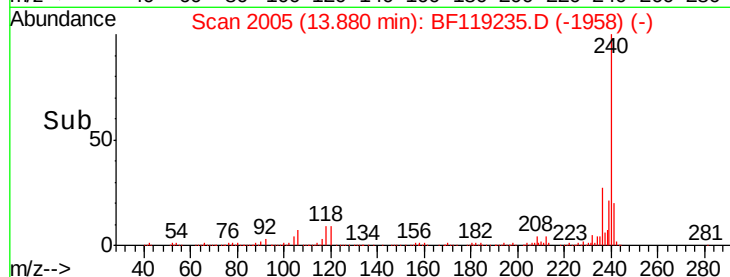
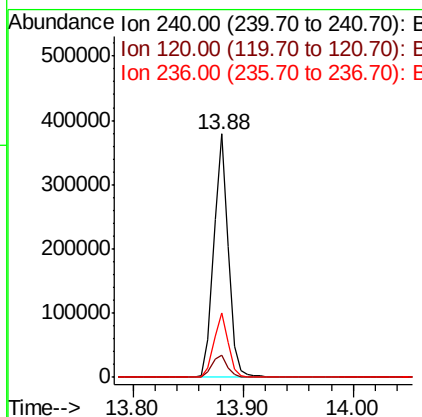
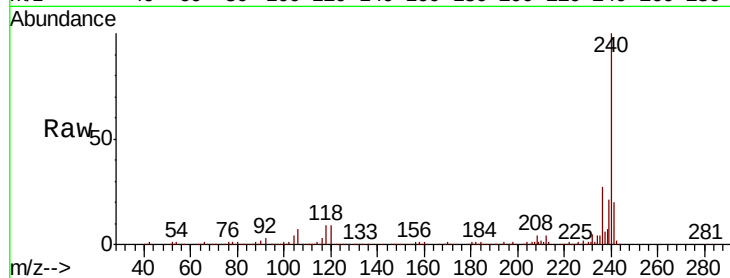




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

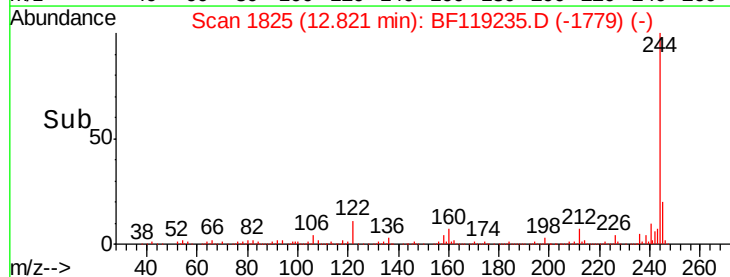
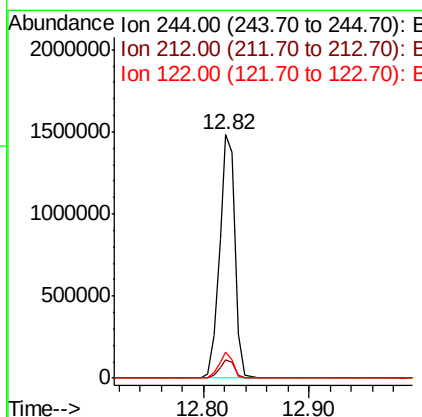
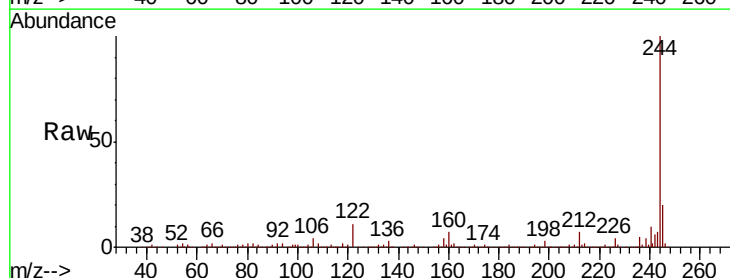
Instrument :
BNA_F
ClientSampleId :

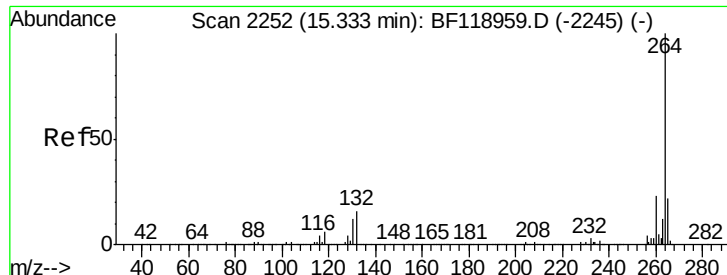
Tot Ion:240 Resp: 342275
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 76.472 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Tgt Ion:244 Resp: 1520287
Ion Ratio Lower Upper
244 100
212 7.4 6.6 10.0
122 10.7 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119235.D
Acq: 6 Mar 2020 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.7	26.5

