

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119236.D
 Acq On : 6 Mar 2020 2:54
 Operator : CG/JU
 Sample : L1775-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:33:10 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

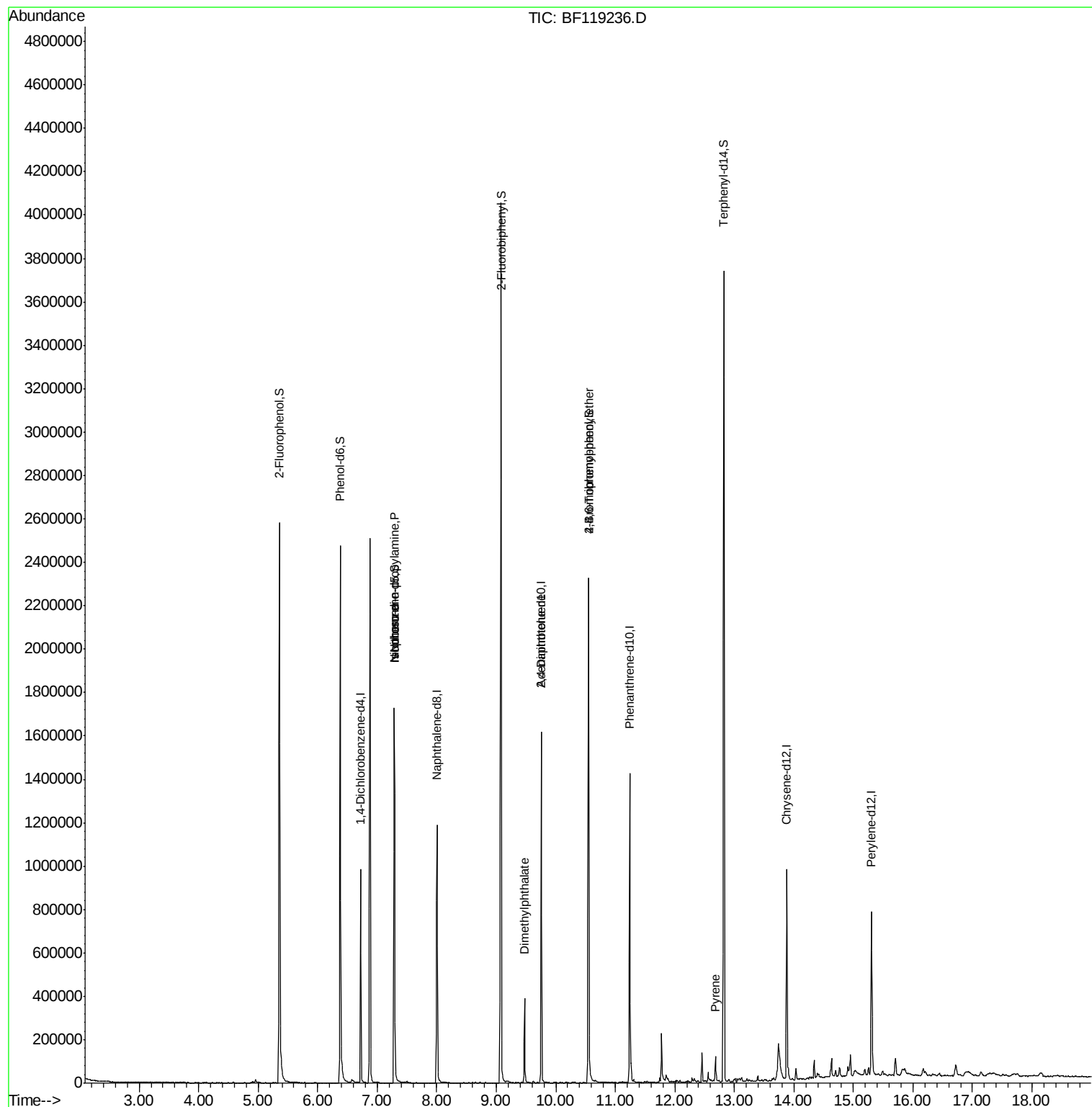
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149747	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	585067	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	319889	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	568822	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	313607	20.00	ng	-0.02
87) Perylene-d12	15.30	264	316746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	801313	89.43	ng	-0.01
7) Phenol-d6	6.38	99	985380	90.42	ng	-0.02
23) Nitrobenzene-d5	7.29	82	652197	58.86	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	337170	80.57	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1301461	59.94	ng	-0.03
79) Terphenyl-d14	12.82	244	1396526	76.67	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	90806	14.300	ng	# 76
25) Isophorone	7.29	82	652190	33.890	ng	# 63
50) Dimethylphthalate	9.47	163	163628	6.689	ng	100
57) 2,4-Dinitrotoluene	9.76	165	41279	5.860	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	22248	2.992	ng	# 1
78) Pyrene	12.69	202	55380	2.199	ng	96

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

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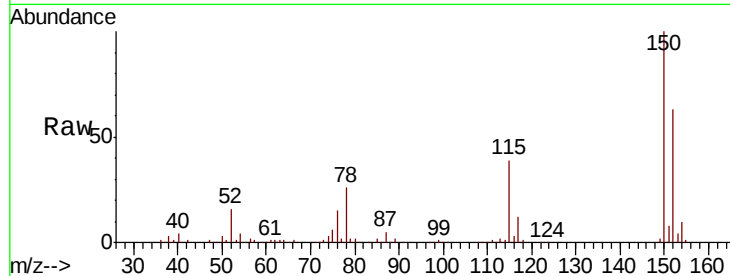


#1

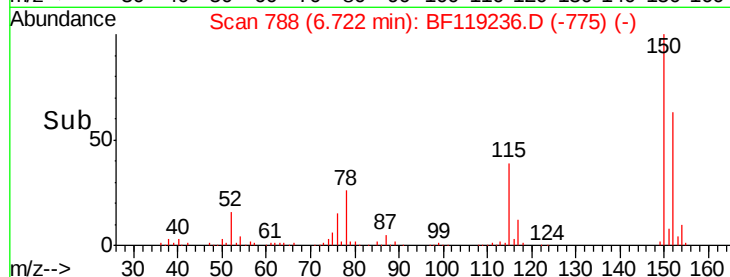
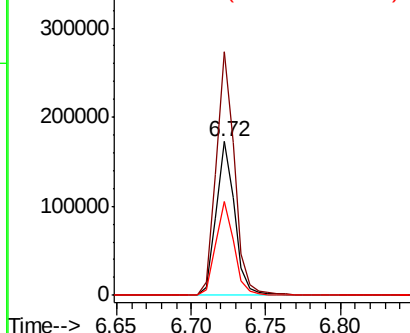
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.6
115	61.1	49.5	74.3



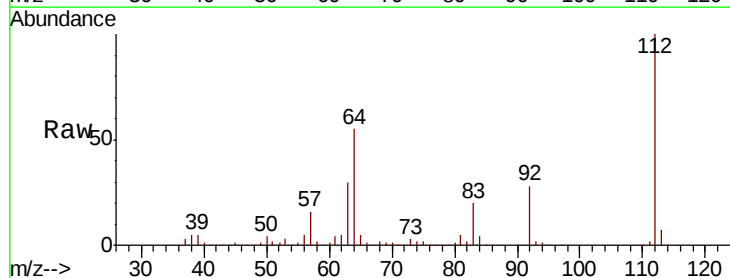
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



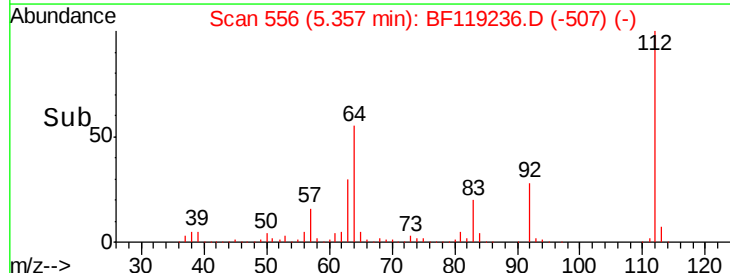
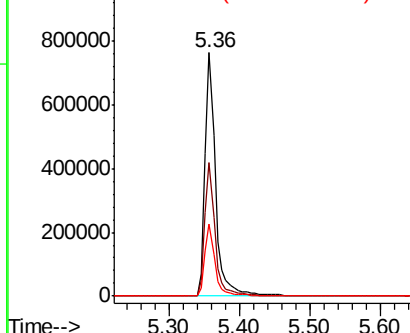
#5

2-Fluorophenol
Concen: 89.427 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.0	67.4
63	29.7	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: 90.421 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

BNA_F

ClientSampleId :

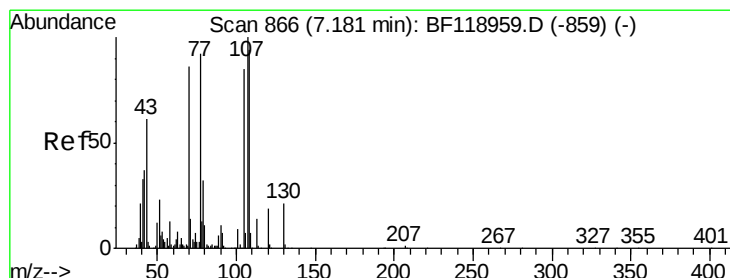
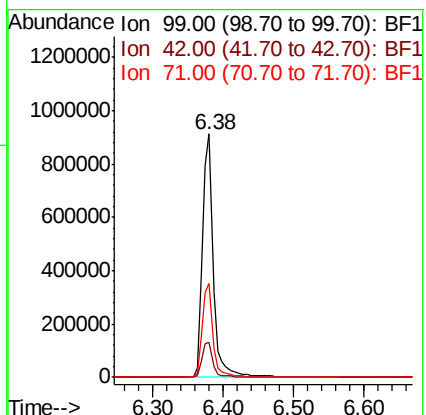
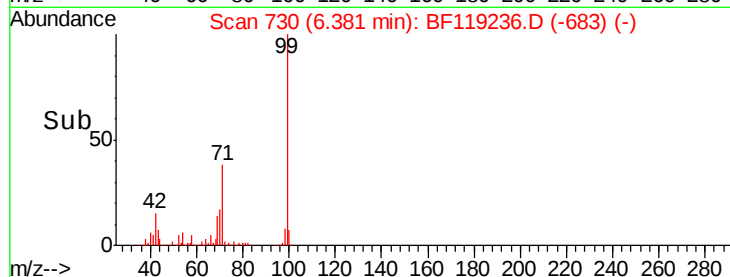
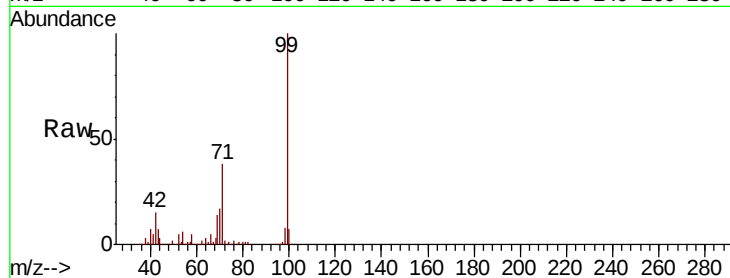
Tot Ion: 99 Resp: 985380

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

71 38.3 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.300 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.11 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Tgt Ion: 70 Resp: 90806

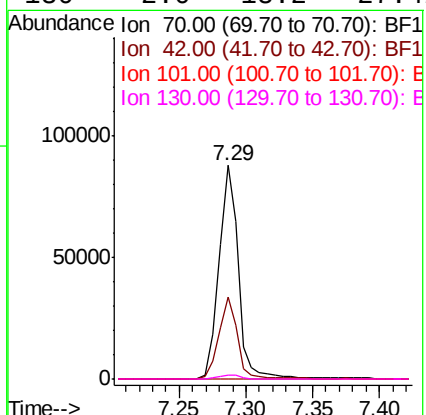
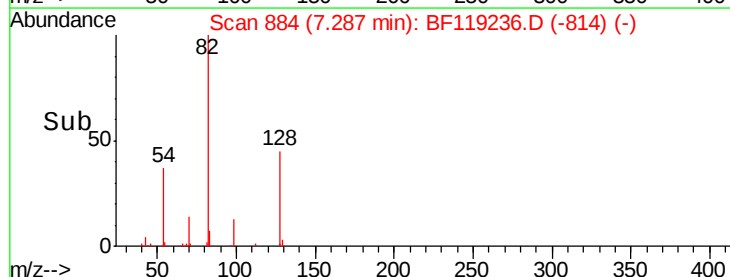
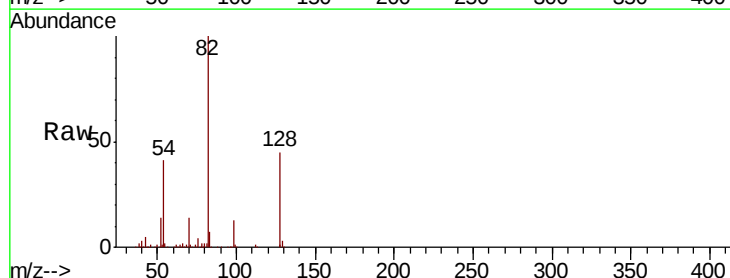
Ion Ratio Lower Upper

70 100

42 38.1 38.0 57.0

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

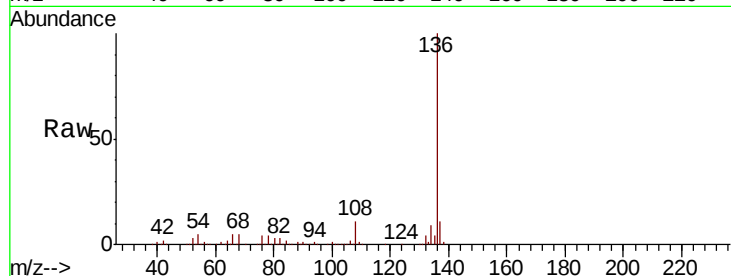




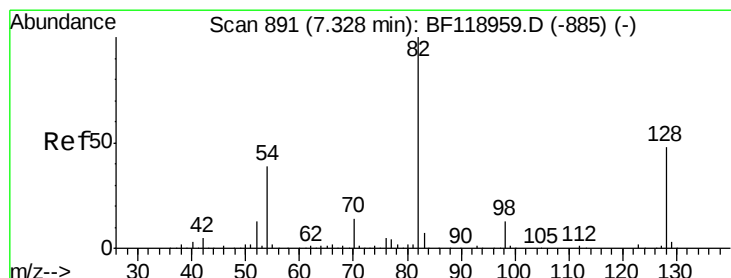
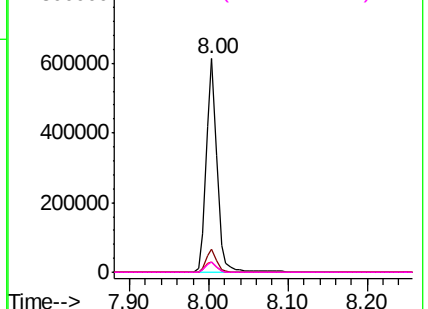
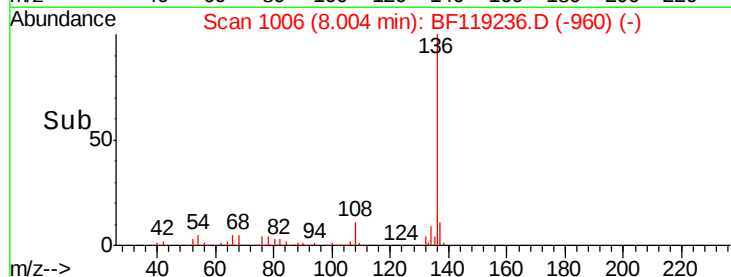
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	585067
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	4.8	3.8 5.6
68	5.1	3.9 5.9

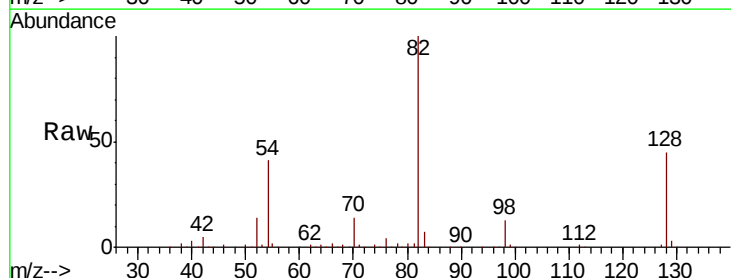


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

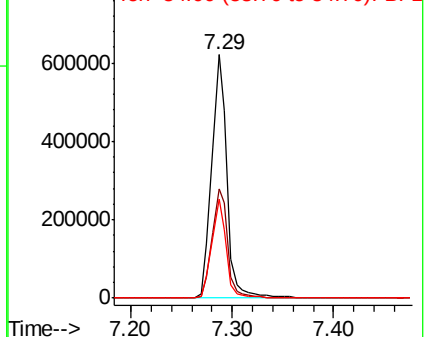
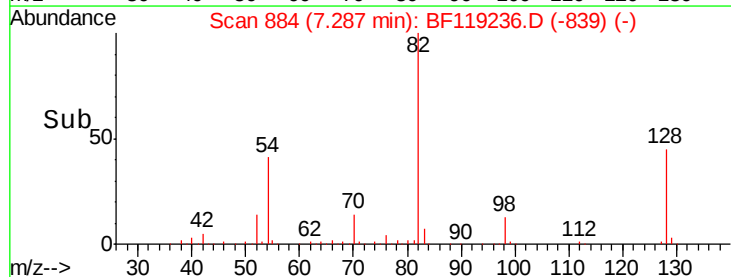


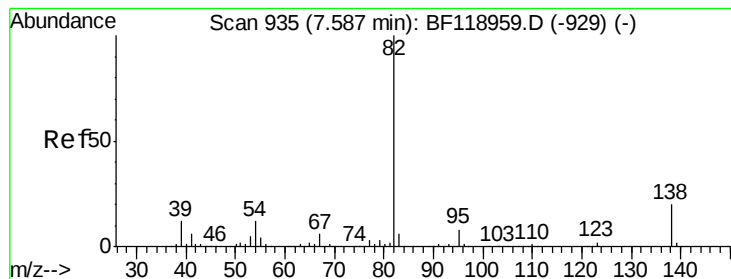
#23
Nitrobenzene-d5
Concen: 58.858 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Tgt Ion: 82	Resp:	652197
Ion Ratio	Lower	Upper
82	100	
128	44.9	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: 33.890 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

BNA_F

ClientSampleId :

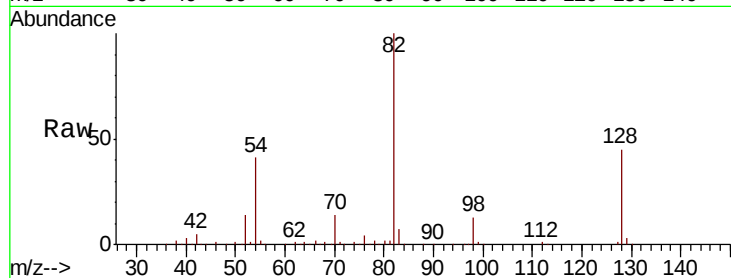
Tot Ion: 82 Resp: 652190

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

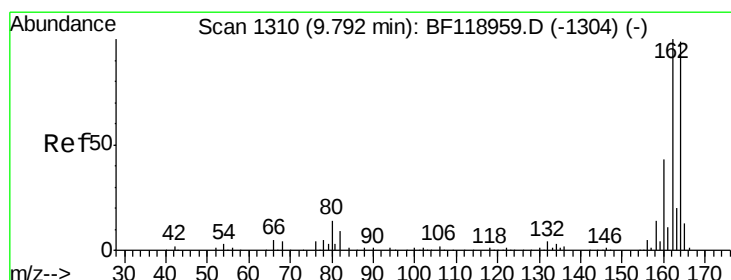
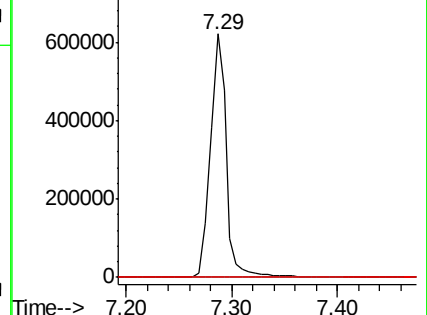
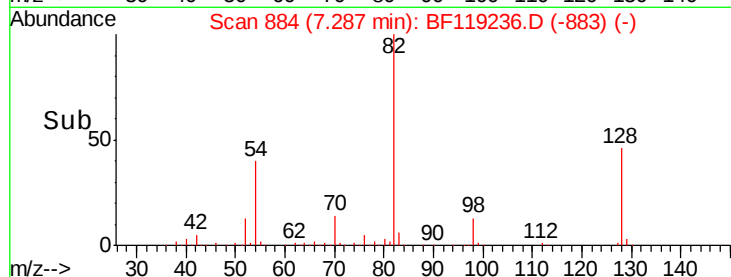
138 0.0 15.7 23.5#



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: BF119236.D

Acq: 6 Mar 2020 2:54

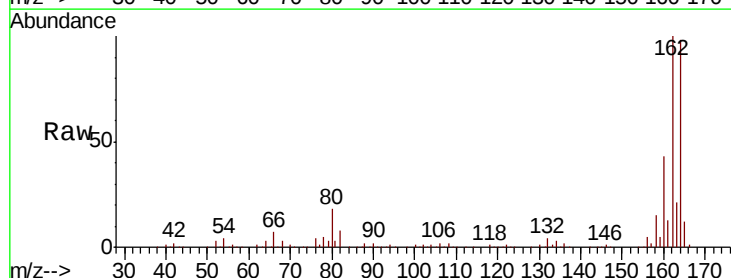
Tgt Ion:164 Resp: 319889

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.8

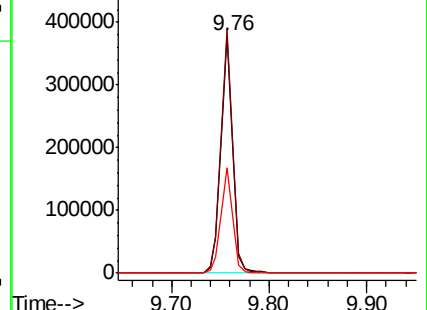
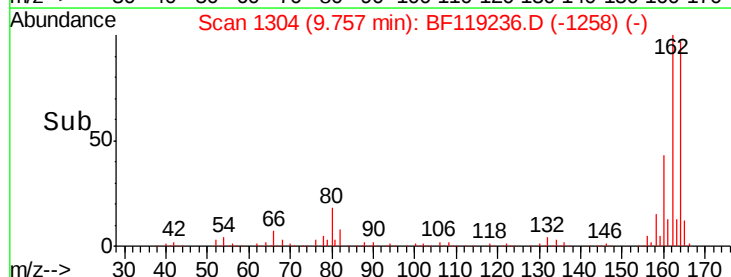
160 44.2 36.0 54.0



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

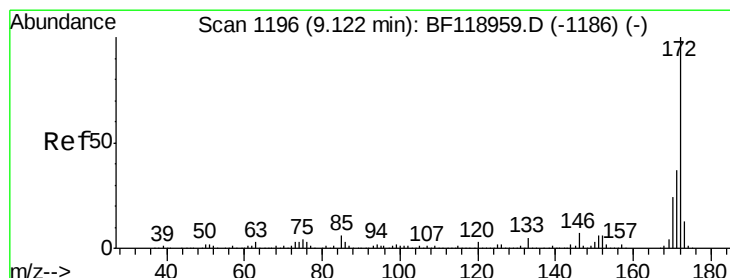
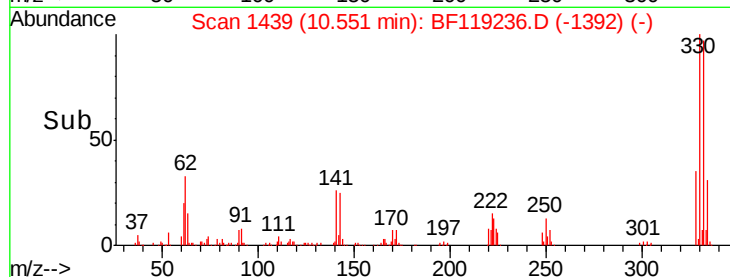
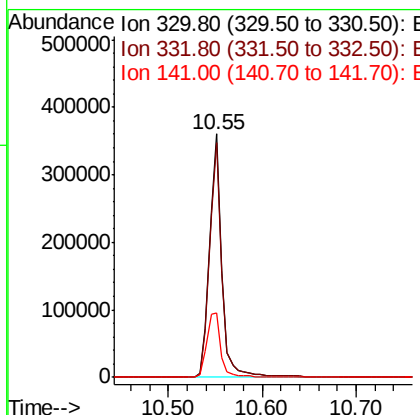
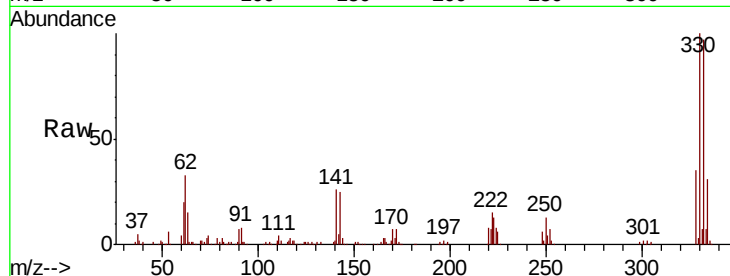




#42
 2,4,6-Tribromophenol
 Concen: 80.572 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

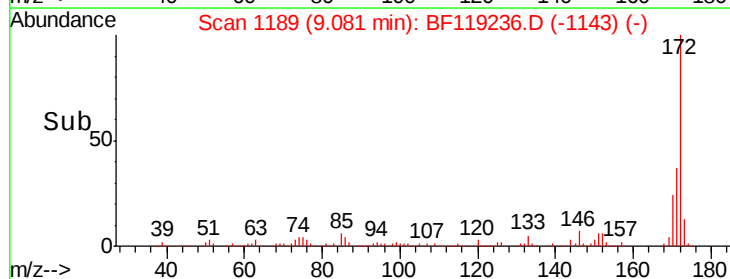
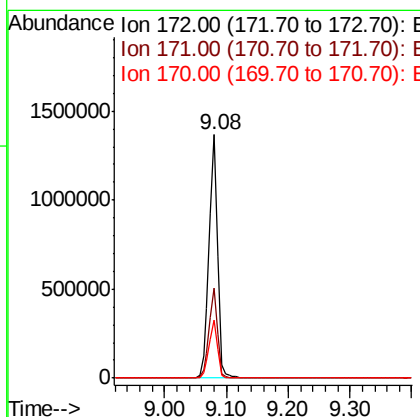
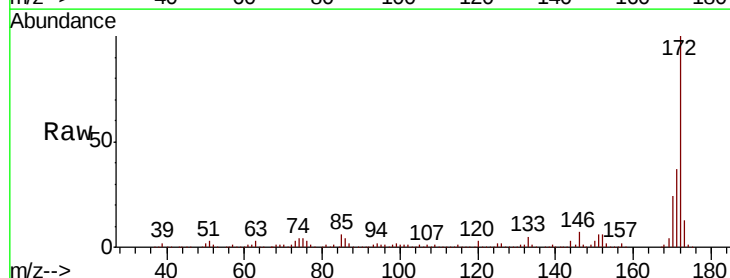
Instrument :
 BNA_F
 ClientSampled :

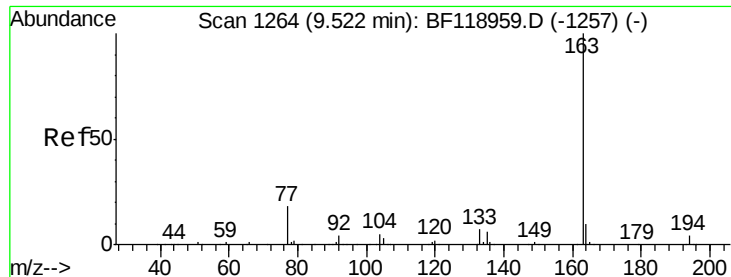
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.3	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 59.936 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.8	20.2	30.2

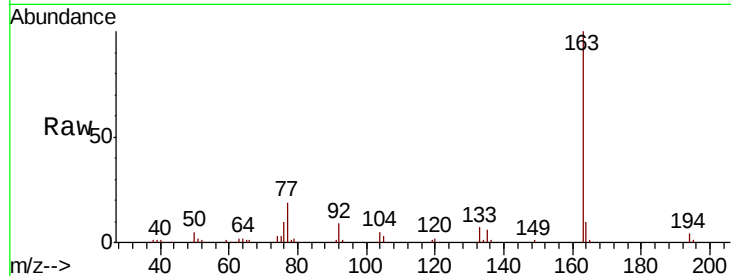




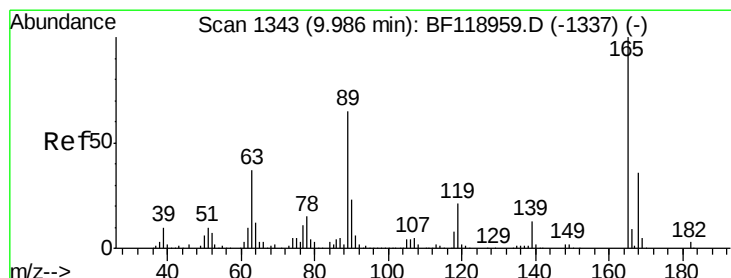
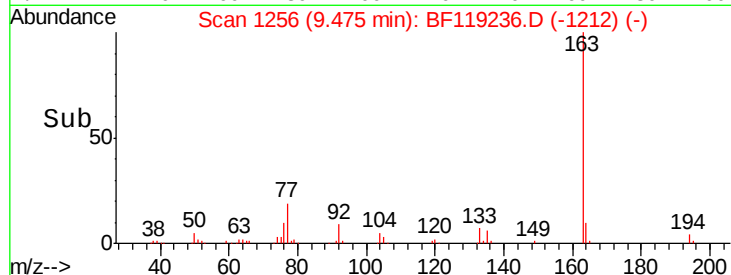
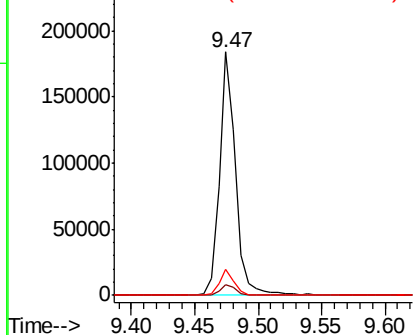
#50
Dimethylphthalate
Concen: 6.689 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 163628
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.4 8.4 12.6

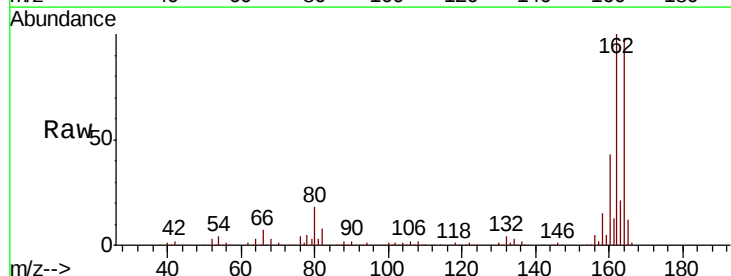


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

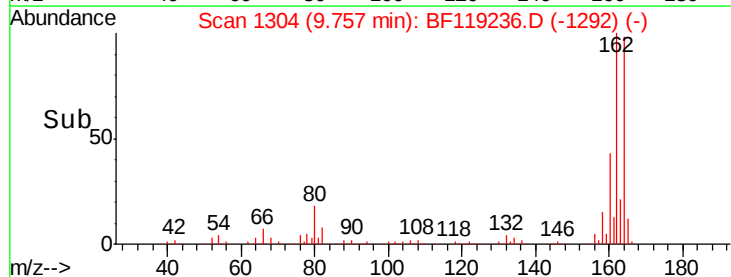
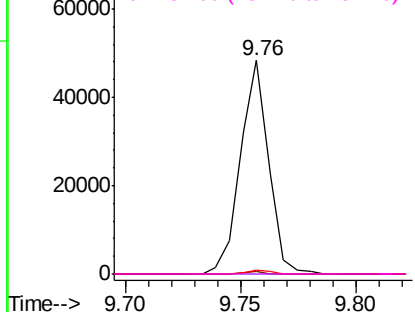


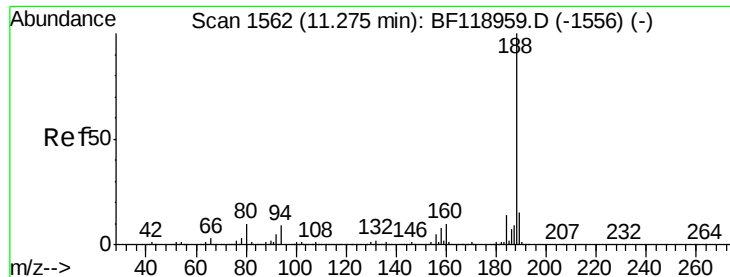
#57
2,4-Dinitrotoluene
Concen: 5.860 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.23 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Tgt Ion:165 Resp: 41279
Ion Ratio Lower Upper
165 100
63 1.3 42.3 63.5#
89 1.5 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: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

BNA_F

ClientSampleId :

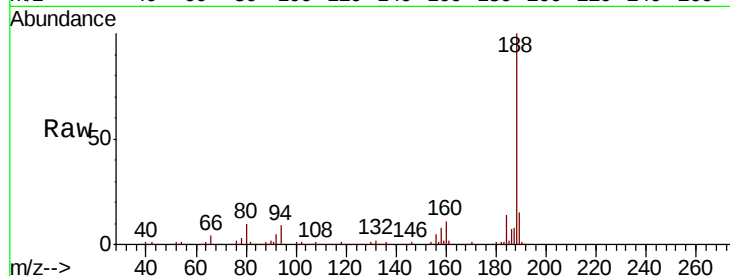
Tot Ion:188 Resp: 568822

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

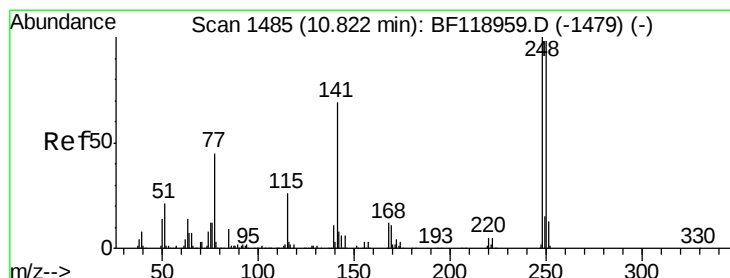
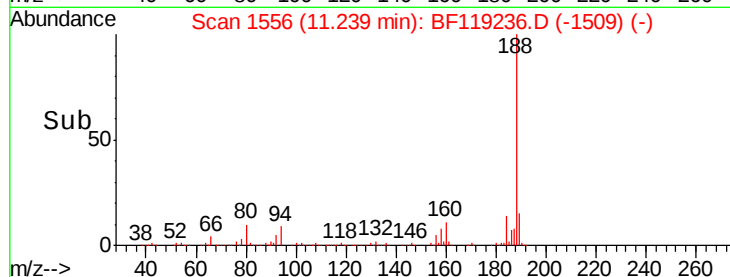
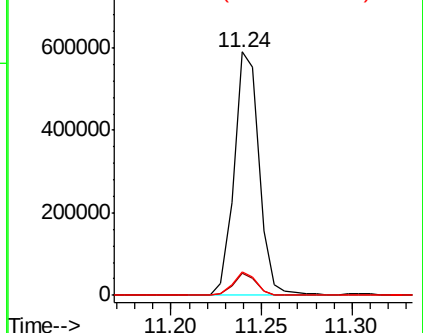
80 9.7 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.992 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.26 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

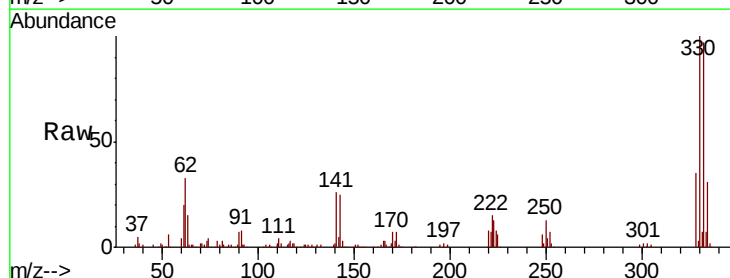
Tgt Ion:248 Resp: 22248

Ion Ratio Lower Upper

248 100

250 202.2 76.7 115.1#

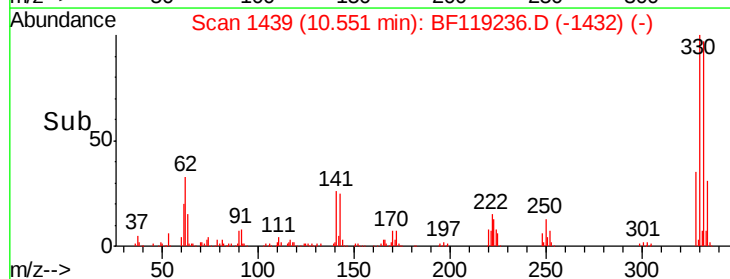
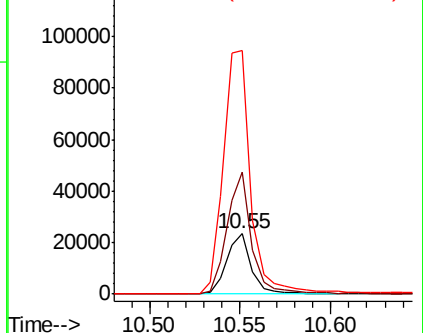
141 403.8 60.7 91.1#

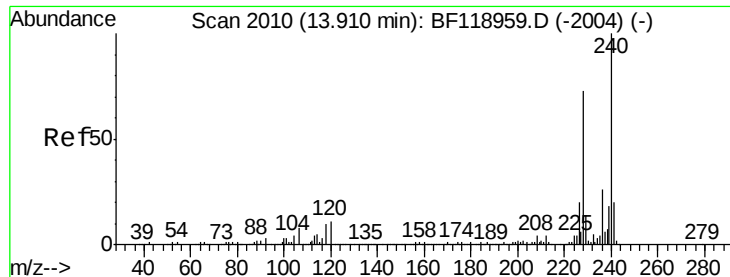


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

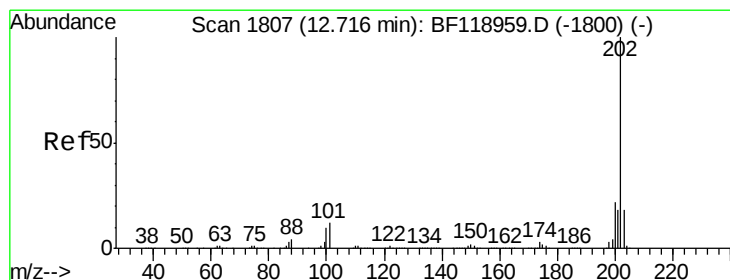
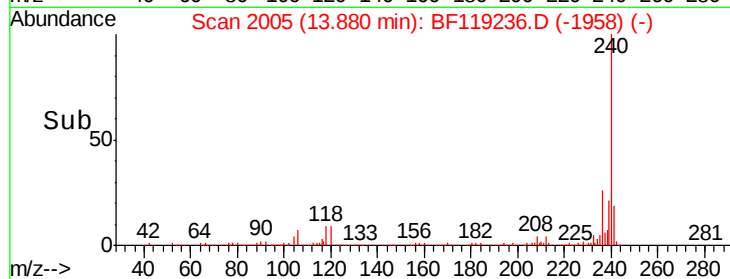
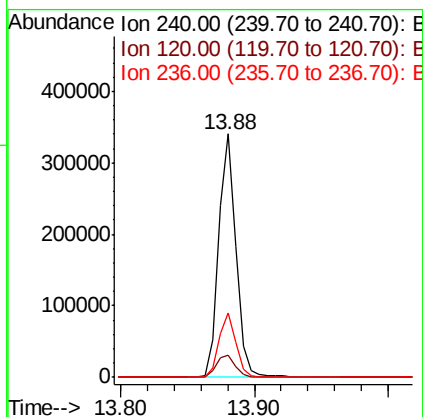
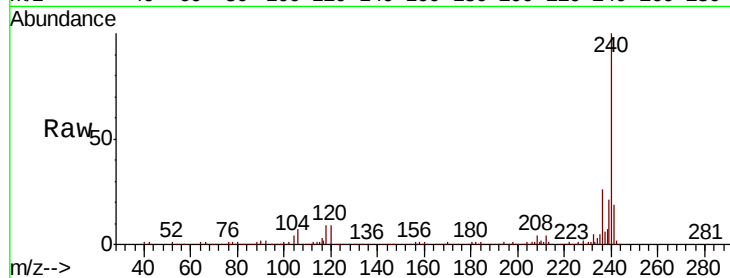




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

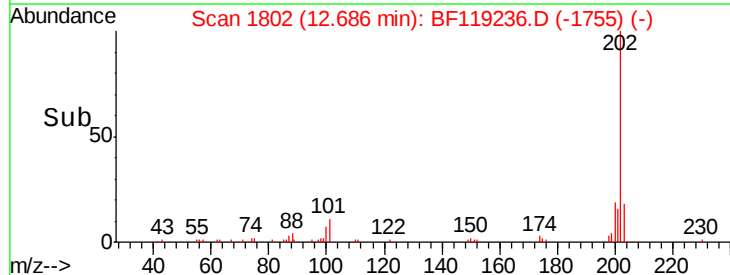
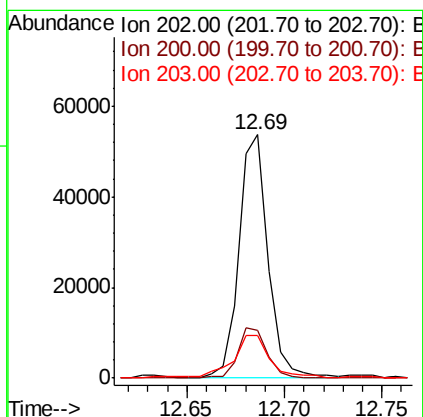
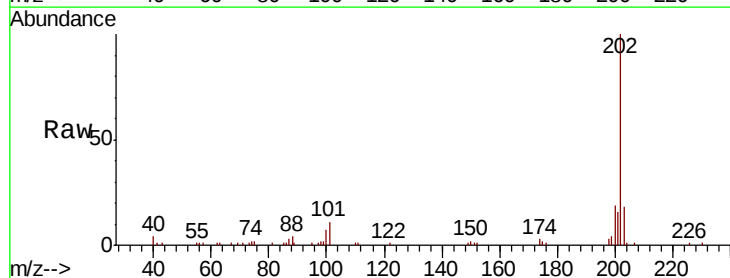
Instrument :
 BNA_F
 ClientSampleId :

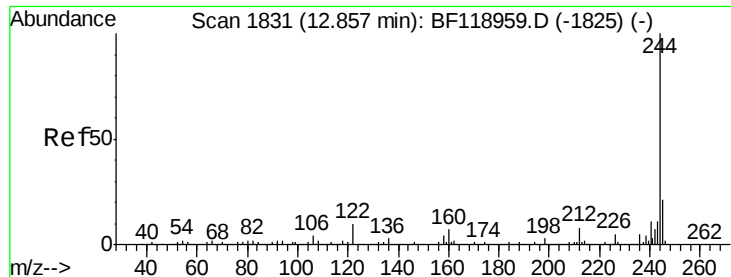
Tot Ion:240 Resp: 313607
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.4 12.6
 236 26.2 21.0 31.4



#78
 Pyrene
 Concen: 2.199 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Tgt Ion:202 Resp: 55380
 Ion Ratio Lower Upper
 202 100
 200 19.4 18.0 27.0
 203 17.7 14.6 22.0



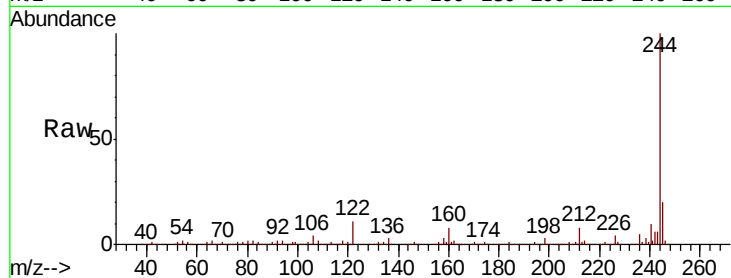


#79
 Terphenyl-d14
 Concen: 76.668 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

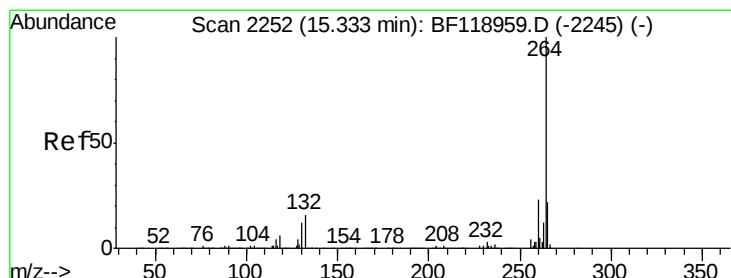
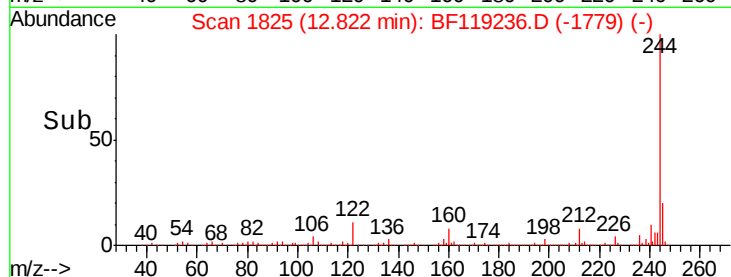
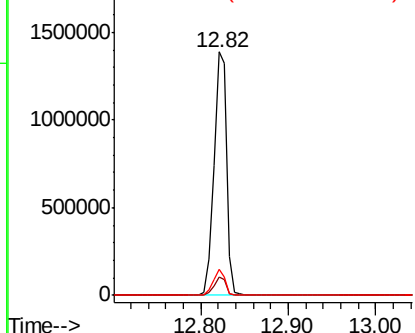
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1396526

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.8	8.2	12.2



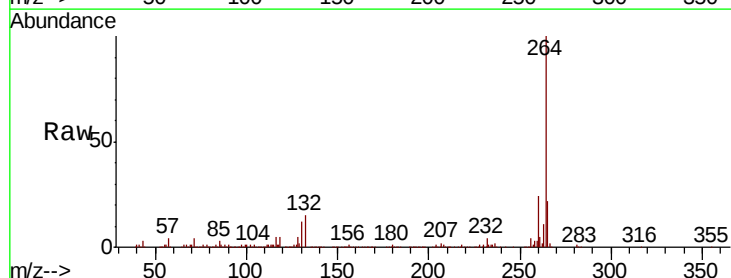
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Tgt Ion:264 Resp: 316746

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	17.7	26.5



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

