

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119237.D
 Acq On : 6 Mar 2020 3:24
 Operator : CG/JU
 Sample : L1774-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:33:22 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

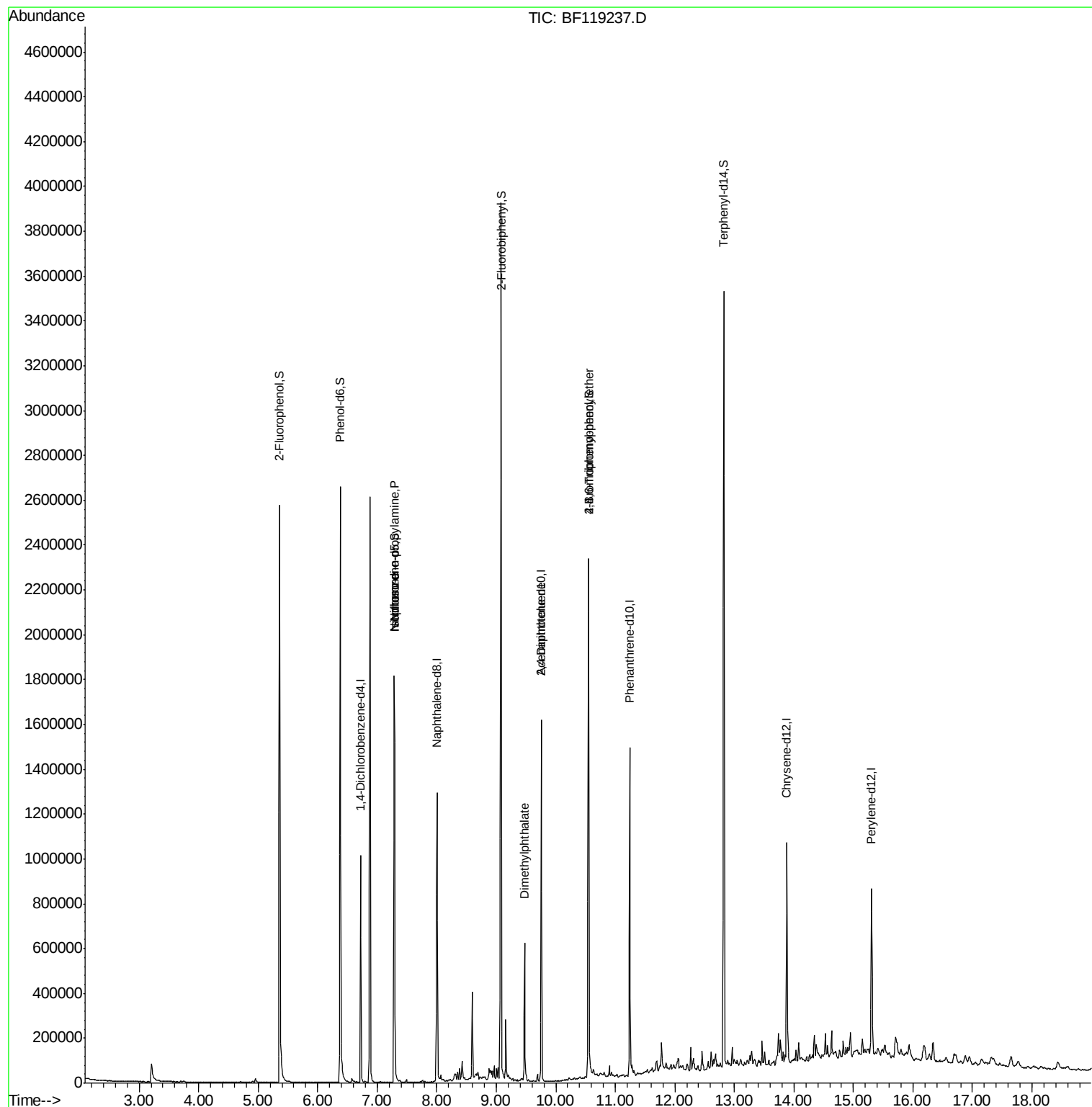
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	158852	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	611014	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	327291	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	559851	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	306551	20.00	ng	-0.02
87) Perylene-d12	15.30	264	322584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	844010	88.79	ng	-0.01
7) Phenol-d6	6.38	99	1036087	89.62	ng	-0.02
23) Nitrobenzene-d5	7.29	82	694371	60.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	340803	79.60	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1274356	57.36	ng	-0.03
79) Terphenyl-d14	12.82	244	1277306	71.74	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	95926	14.240	ng	# 75
25) Isophorone	7.29	82	694365	34.550	ng	# 63
50) Dimethylphthalate	9.47	163	249455	9.967	ng	100
57) 2,4-Dinitrotoluene	9.76	165	40734	5.652	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	22715	3.104	ng	# 1

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

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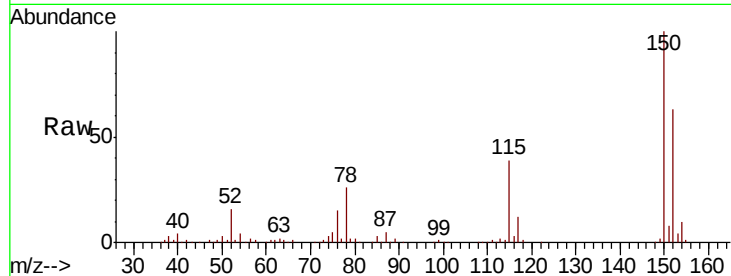


#1

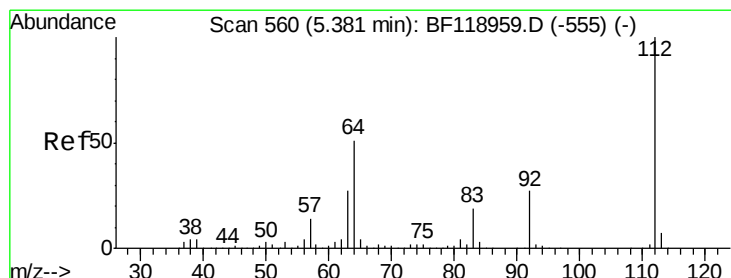
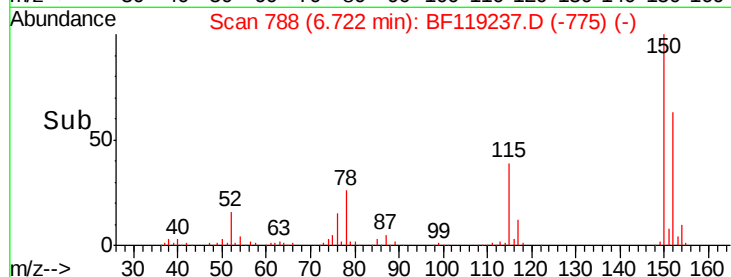
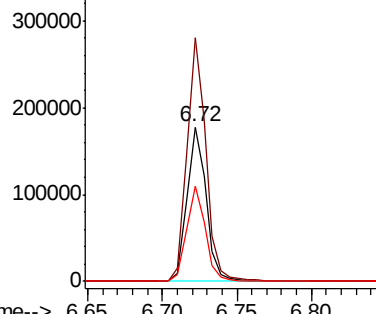
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	61.2	49.5	74.3



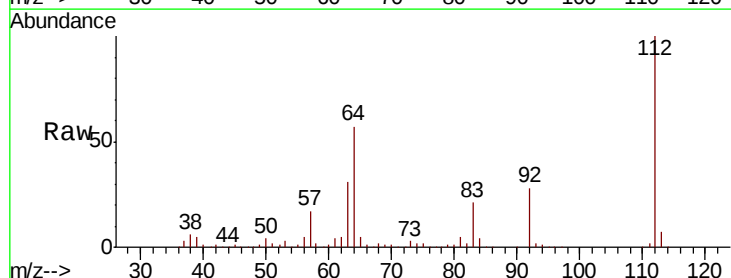
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



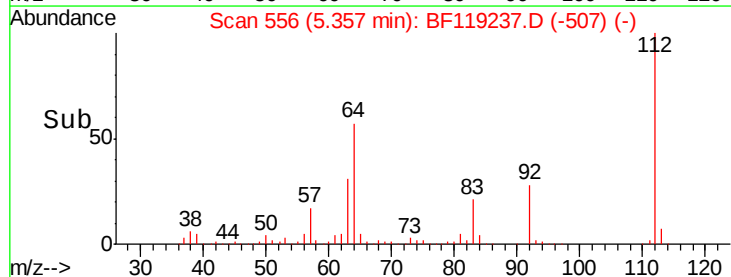
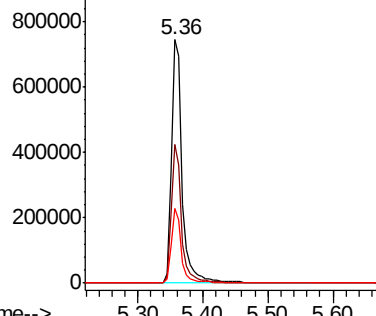
#5

2-Fluorophenol
Concen: 88.793 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.0	67.4
63	30.9	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: 89.625 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

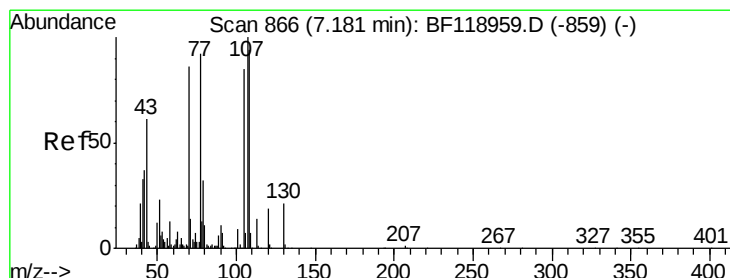
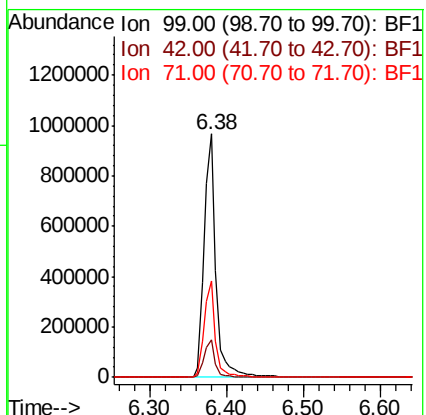
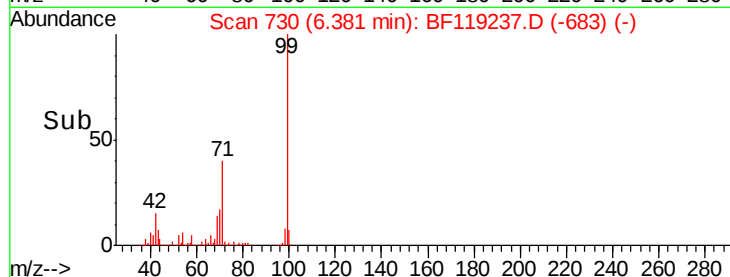
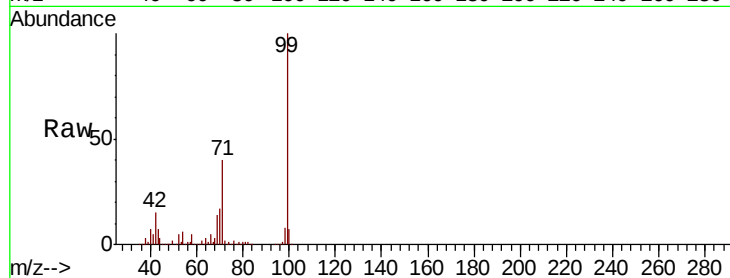
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1036087

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	39.7	31.0	46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.240 ng

RT: 7.29 min Scan# 884

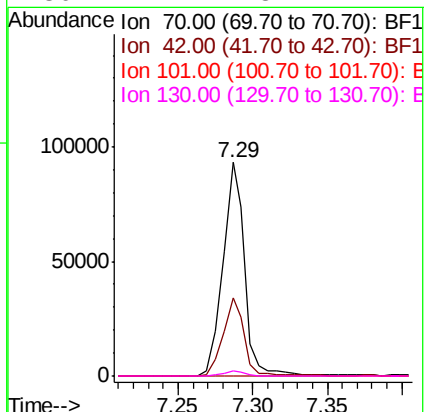
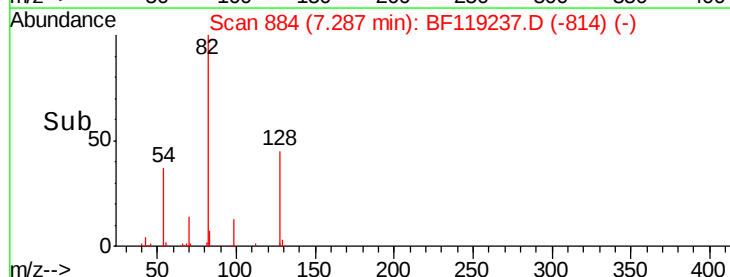
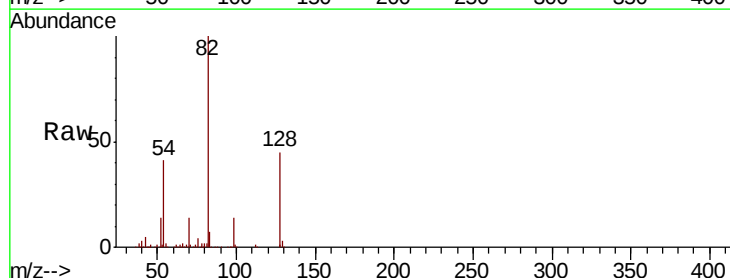
Delta R.T. 0.11 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Tgt Ion: 70 Resp: 95926

Ion	Ratio	Lower	Upper
70	100		
42	36.4	38.0	57.0#
101	0.0	8.2	12.4#
130	2.4	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: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 611014

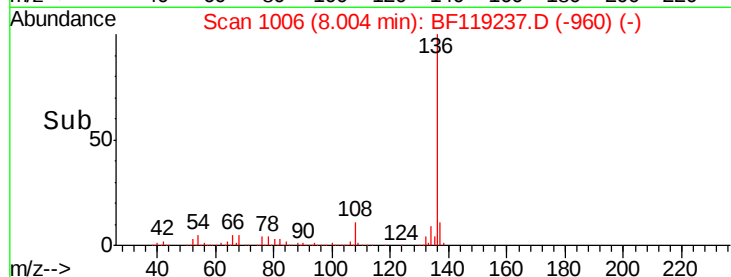
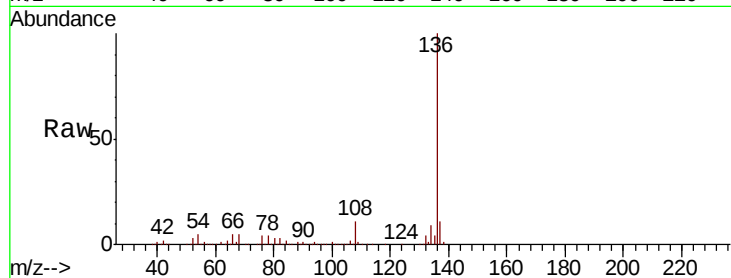
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.0 3.8 5.6

68 5.0 3.9 5.9

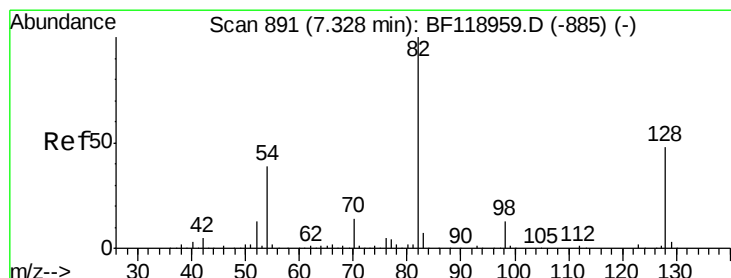
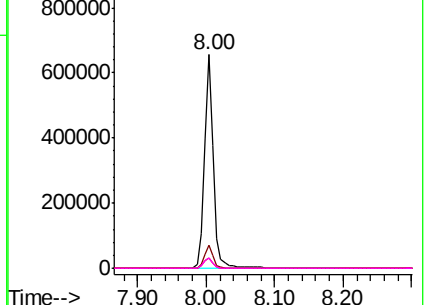


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.003 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

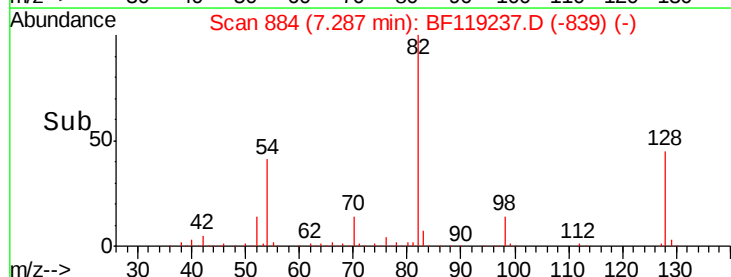
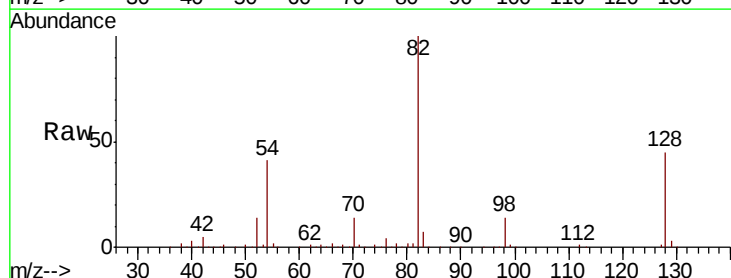
Tgt Ion: 82 Resp: 694371

Ion Ratio Lower Upper

82 100

128 45.1 37.9 56.9

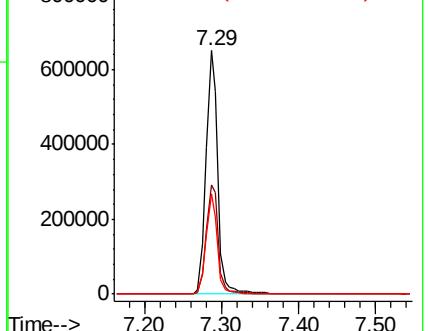
54 40.9 33.4 50.2



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: 34.550 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.29 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

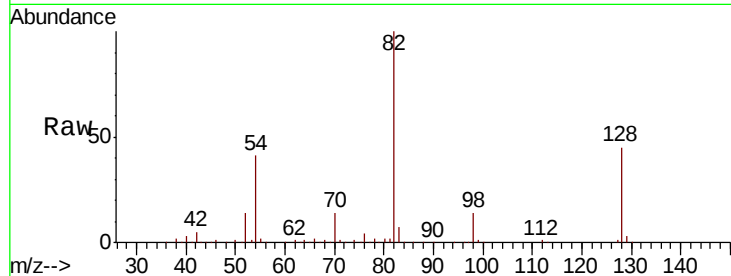
Tot Ion: 82 Resp: 694365

Ion Ratio Lower Upper

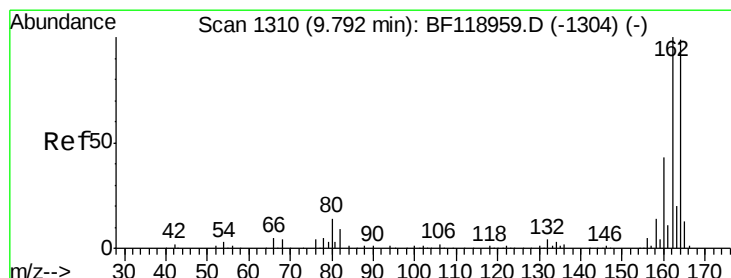
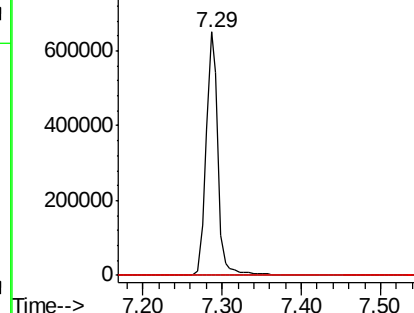
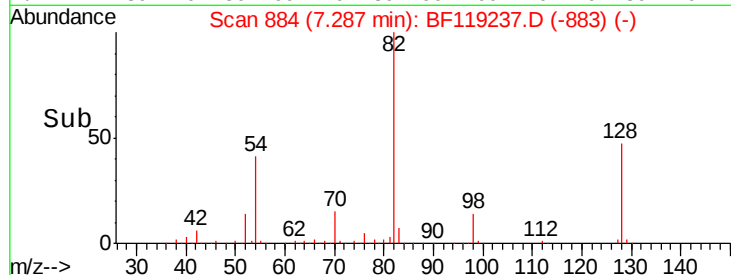
82 100

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: BF119237.D

Acq: 6 Mar 2020 3:24

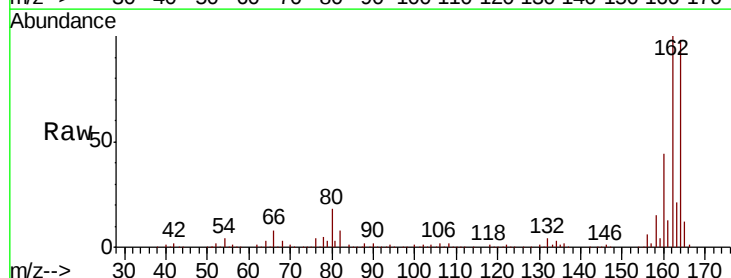
Tgt Ion: 164 Resp: 327291

Ion Ratio Lower Upper

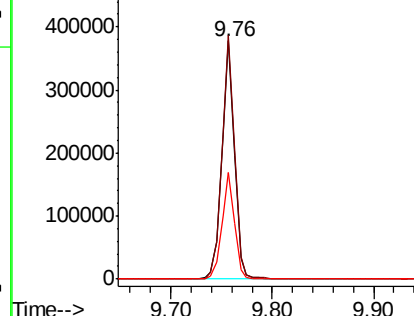
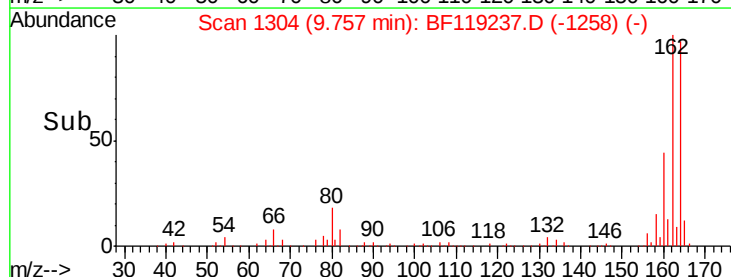
164 100

162 102.1 81.8 122.8

160 45.0 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

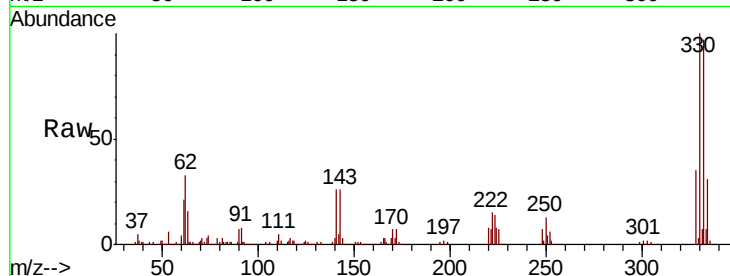




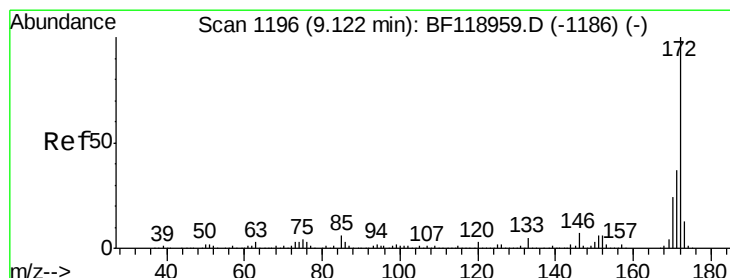
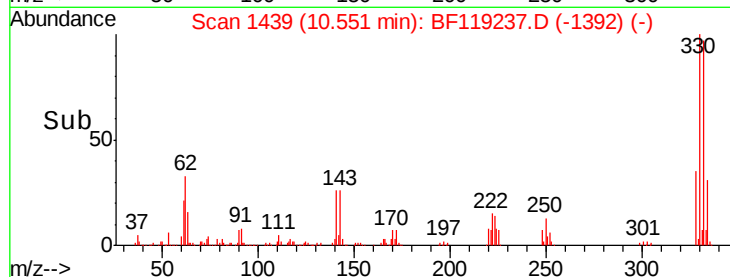
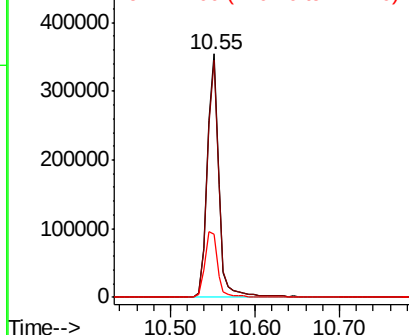
#42
 2,4,6-Tribromophenol
 Concen: 79.599 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.0	114.0
141	30.4	22.9	34.3

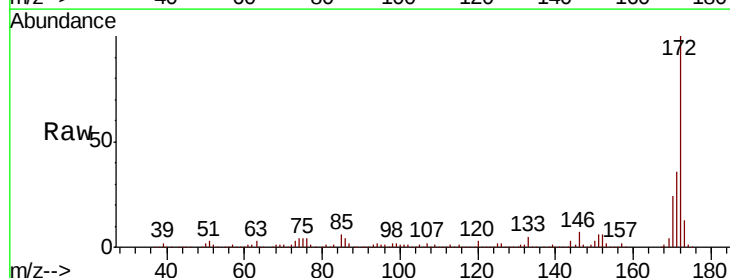


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

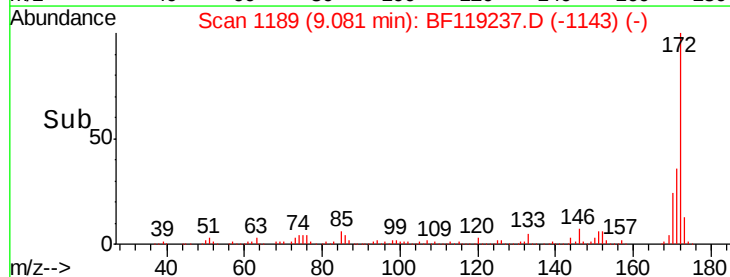
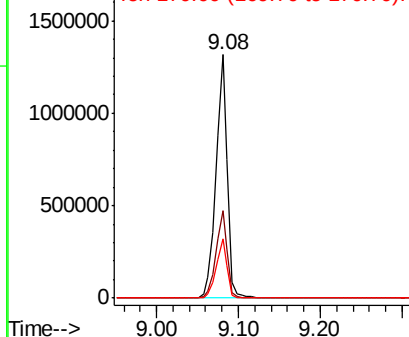


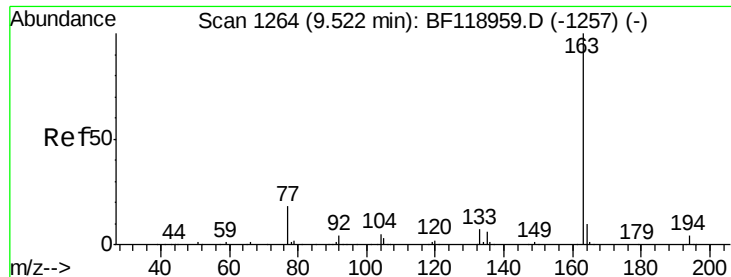
#45
 2-Fluorobiphenyl
 Concen: 57.360 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	45.8
170	24.3	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

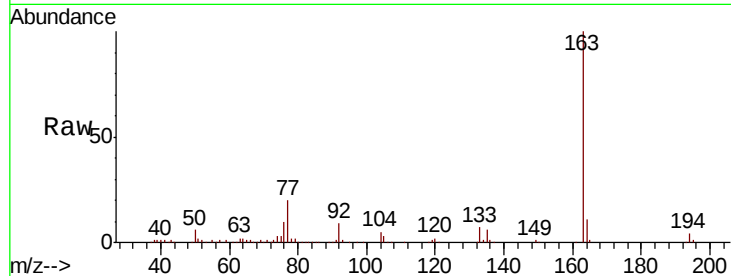




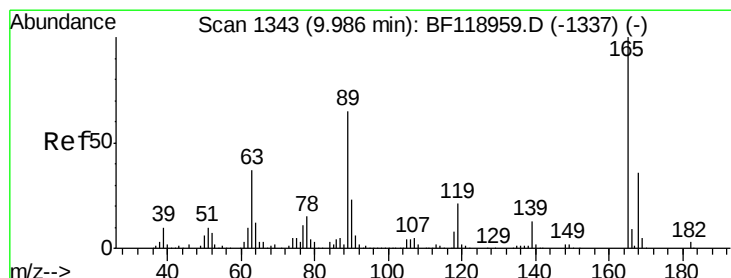
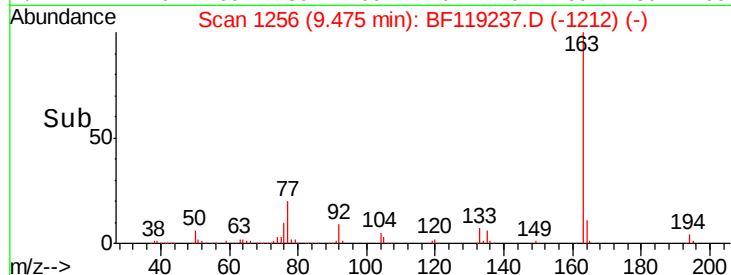
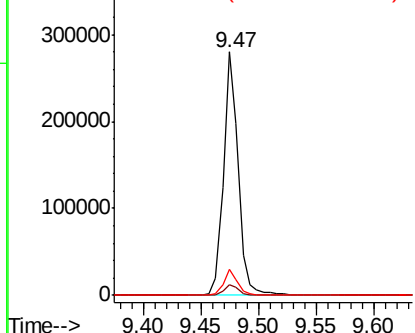
#50
Dimethylphthalate
Concen: 9.967 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.6	8.4	12.6

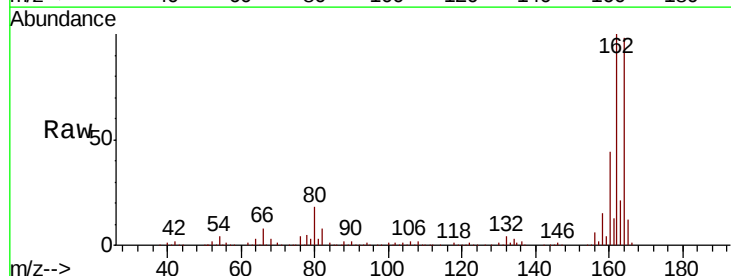


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

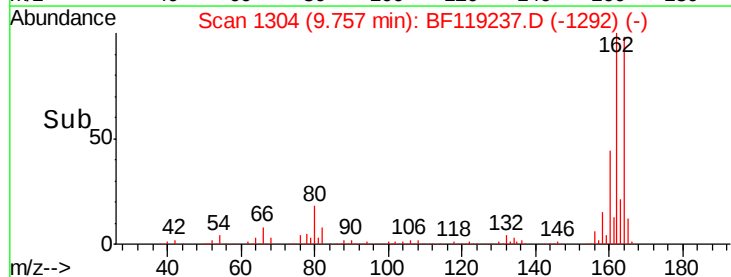
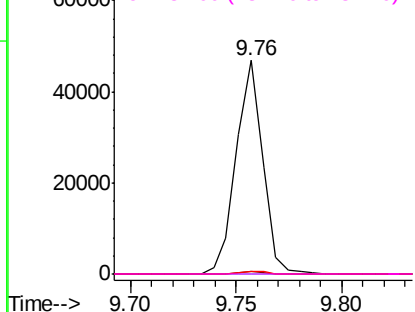


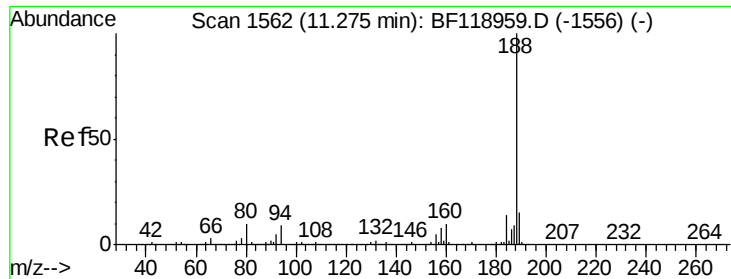
#57
2,4-Dinitrotoluene
Concen: 5.652 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.23 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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: BF119237.D

Acq: 6 Mar 2020 3:24

Instrument :

BNA_F

ClientSampleId :

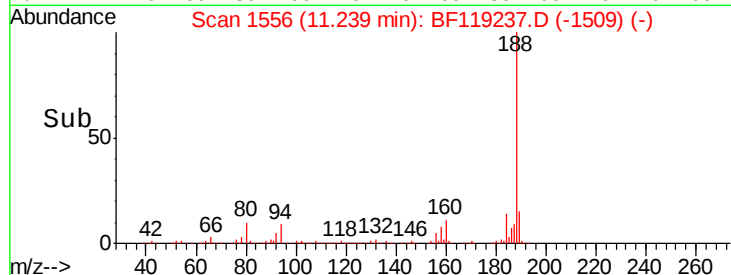
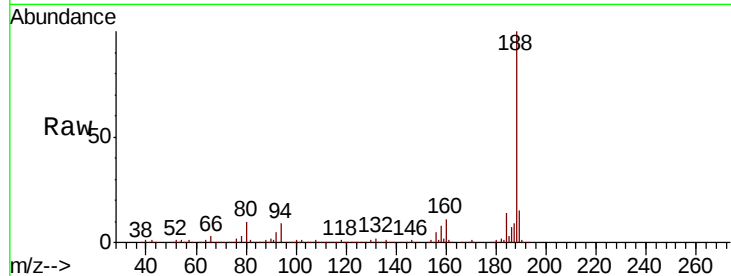
Tot Ion:188 Resp: 559851

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

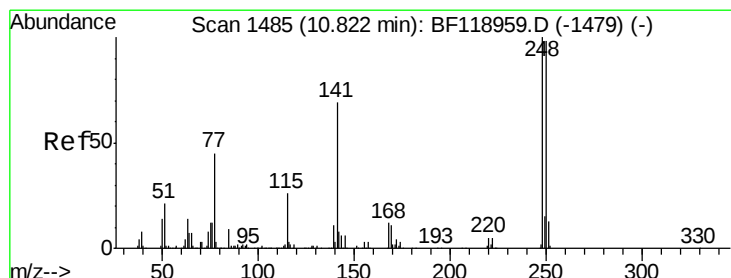
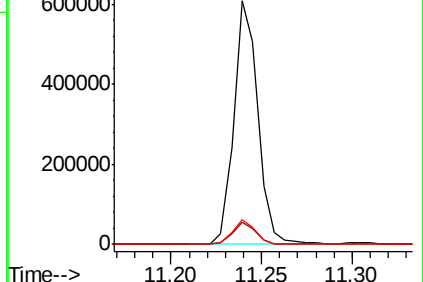
80 10.1 7.8 11.8



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: 3.104 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.26 min

Lab File: BF119237.D

Acq: 6 Mar 2020 3:24

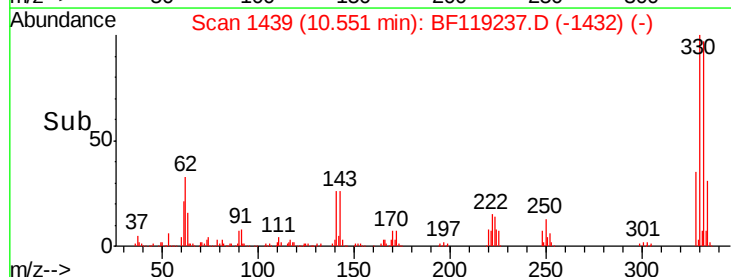
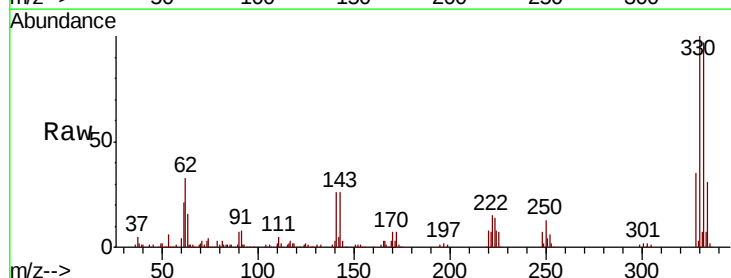
Tgt Ion:248 Resp: 22715

Ion Ratio Lower Upper

248 100

250 191.2 76.7 115.1#

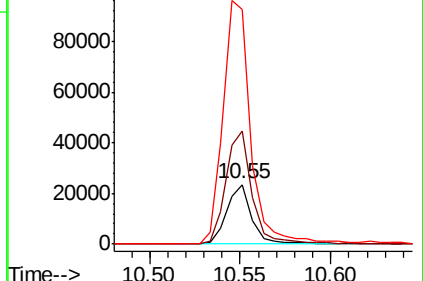
141 393.8 60.7 91.1#

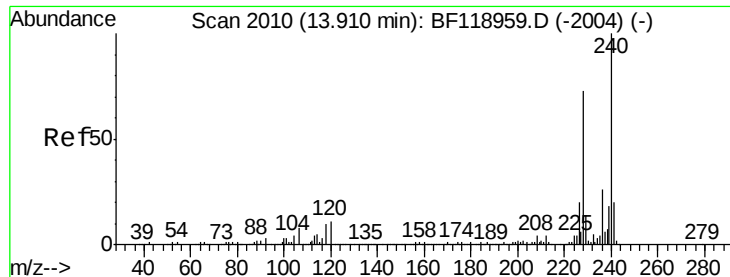


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

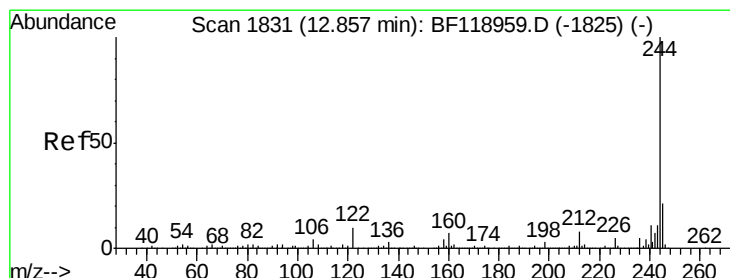
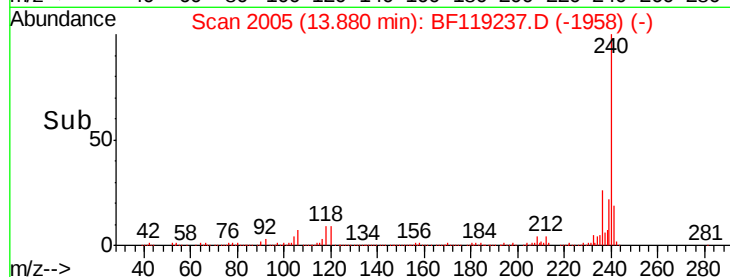
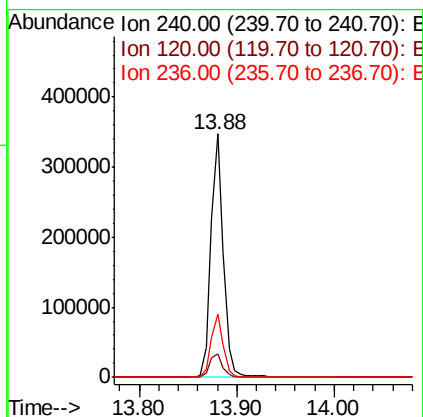
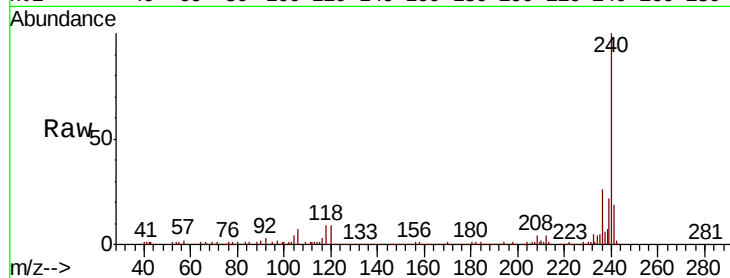




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

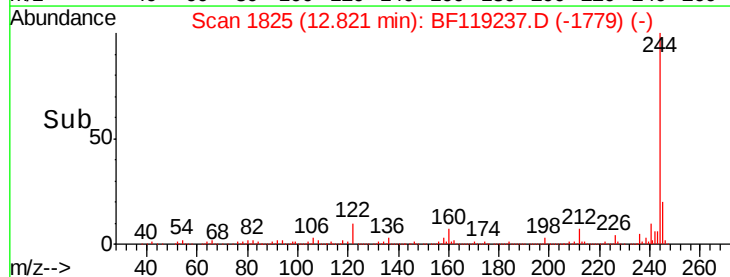
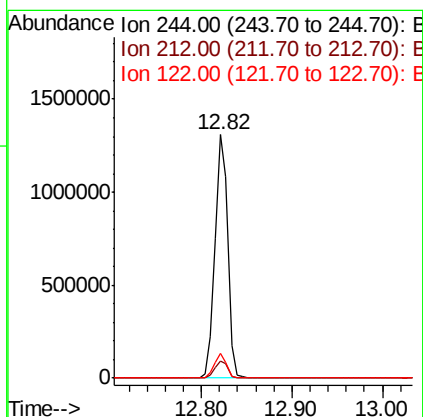
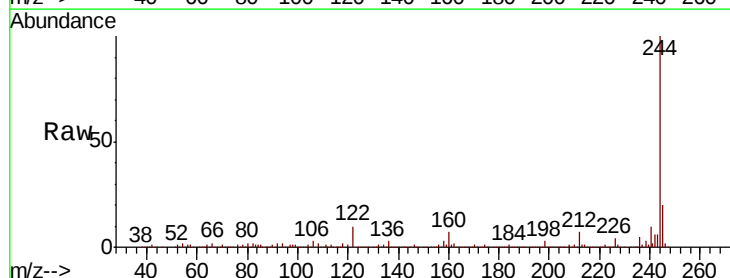
Instrument :
 BNA_F
 ClientSampleId :

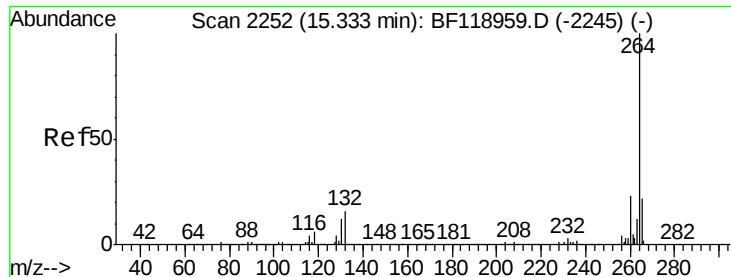
Tot Ion:240 Resp: 306551
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 25.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 71.737 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF119237.D
 Acq: 6 Mar 2020 3:24

Tgt Ion:244 Resp: 1277306
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.1 8.2 12.2

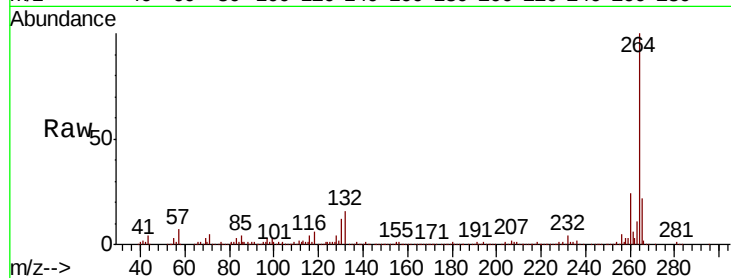




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119237.D
Acq: 6 Mar 2020 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	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

