

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118980.D
 Acq On : 21 Feb 2020 1:31
 Operator : CG/JU
 Sample : L1596-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 03:29:02 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

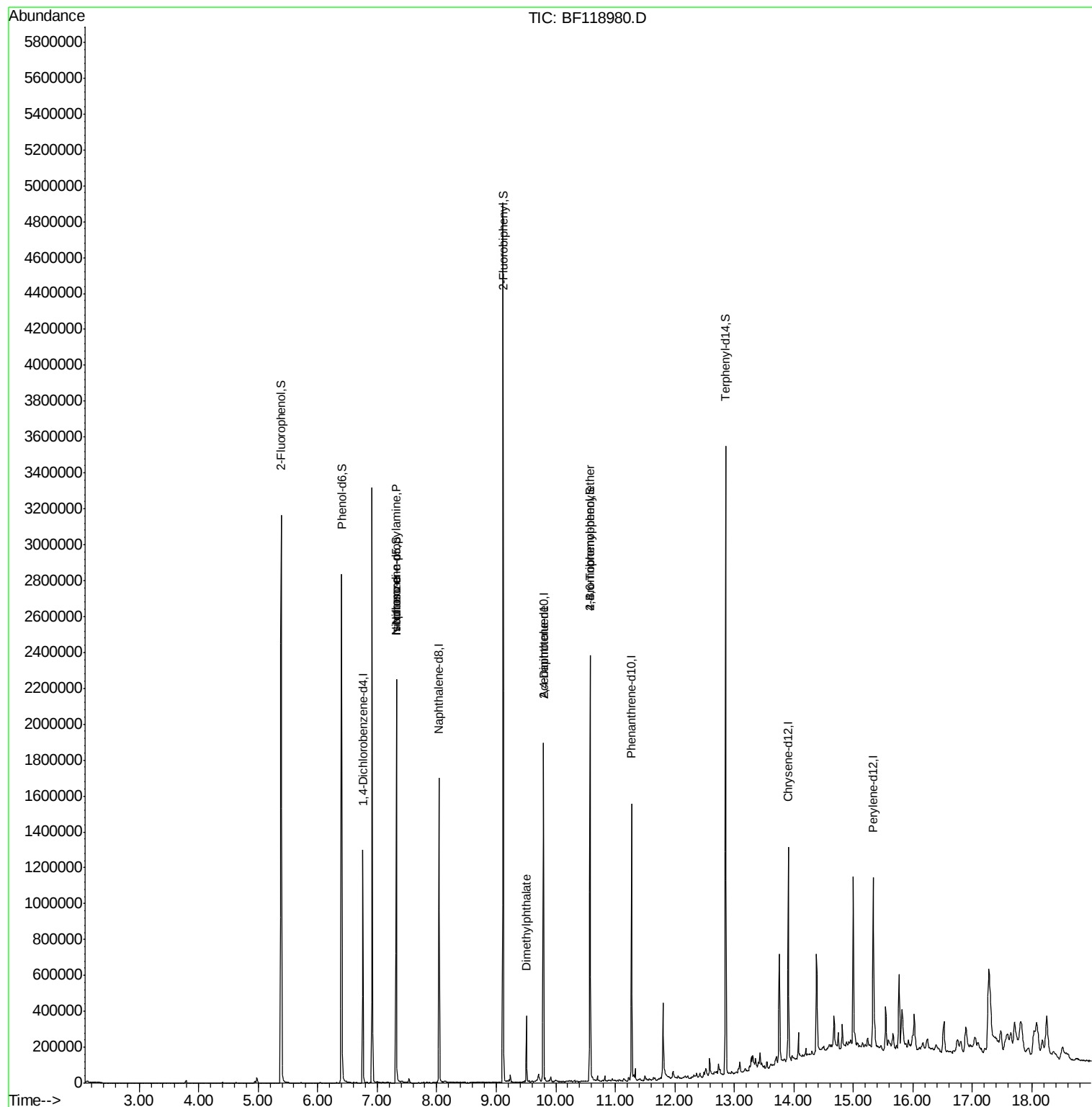
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	200972	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	729999	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	365251	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	571763	20.00	ng	0.00
76) Chrysene-d12	13.90	240	416801	20.00	ng	0.00
87) Perylene-d12	15.33	264	438234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	947970	78.83	ng	0.00
7) Phenol-d6	6.40	99	1146694	78.40	ng	0.00
23) Nitrobenzene-d5	7.32	82	745328	53.91	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	338807	70.91	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1428191	57.60	ng	0.00
79) Terphenyl-d14	12.86	244	1292347	53.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	100352	11.775	ng	# 76
25) Isophorone	7.32	82	745323	31.041	ng	# 63
50) Dimethylphthalate	9.50	163	152497	5.460	ng	100
57) 2,4-Dinitrotoluene	9.79	165	46925	5.834	ng	# 29
67) 4-Bromophenyl-phenylether	10.58	248	21567	2.886	ng	# 1

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

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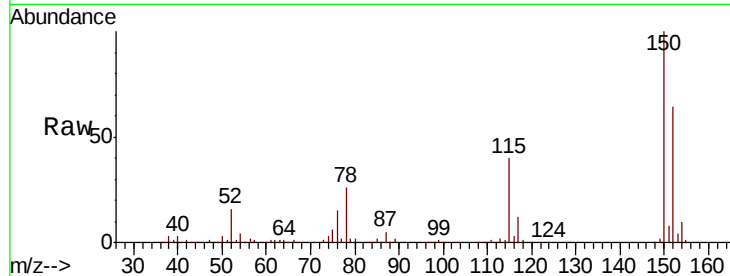


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	61.7	44.6	67.0

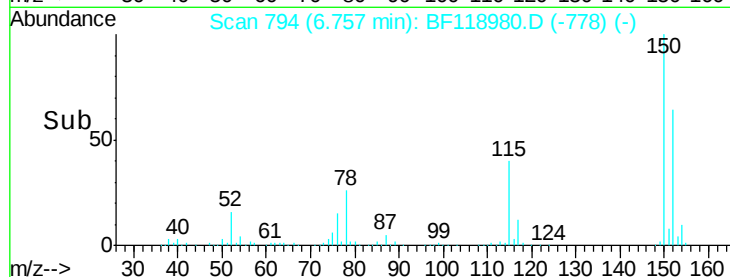
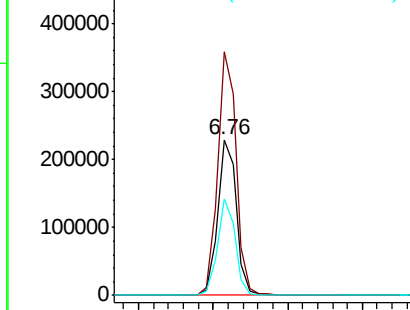


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

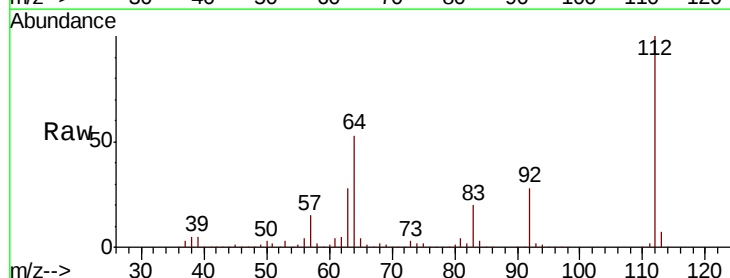
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.828 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	40.4	60.6
63	27.9	21.3	31.9

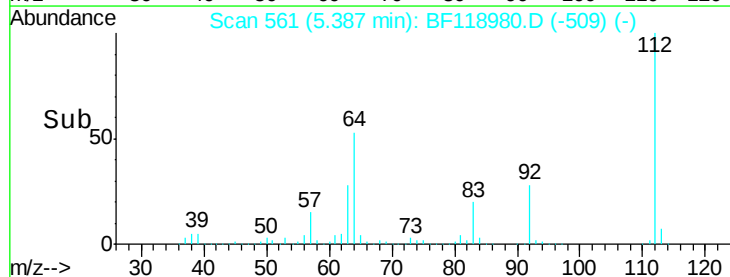
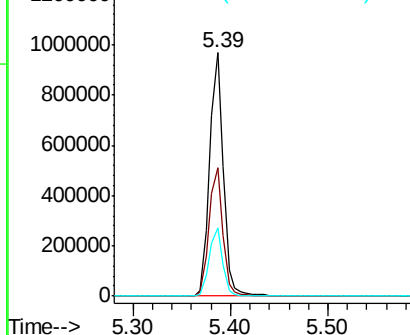


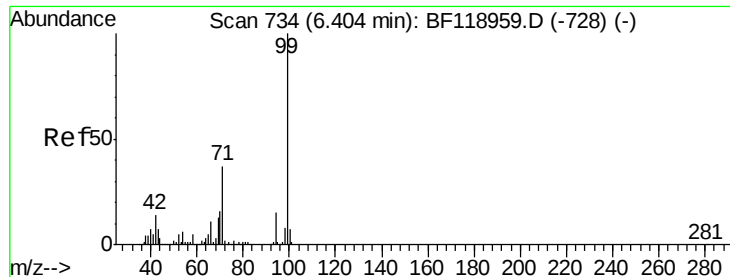
Abundance

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: 78.403 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampleId :

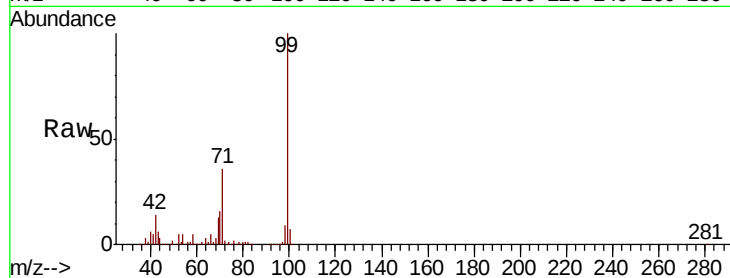
Tot Ion: 99 Resp: 1146694

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

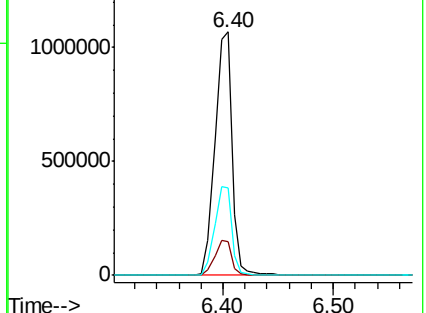
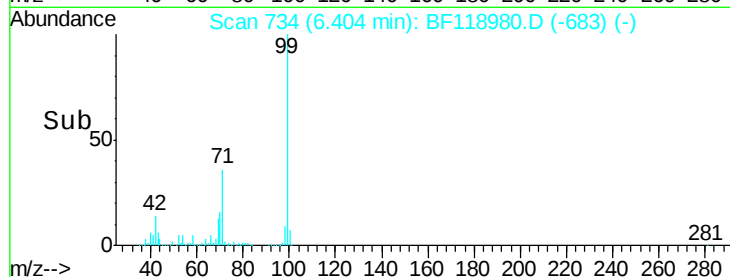
71 36.1 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.775 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.14 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Tgt Ion: 70 Resp: 100352

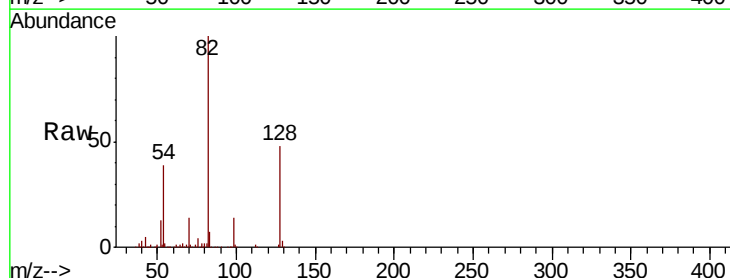
Ion Ratio Lower Upper

70 100

42 35.5 34.6 51.8

101 0.0 8.1 12.1#

130 2.0 19.4 29.2#

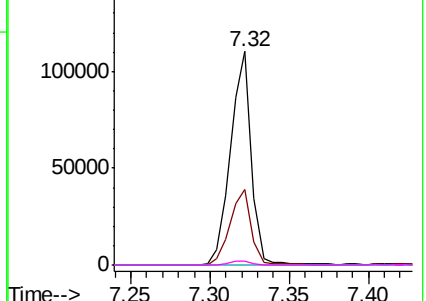
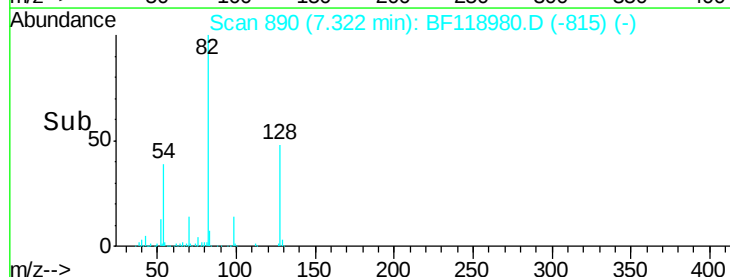


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

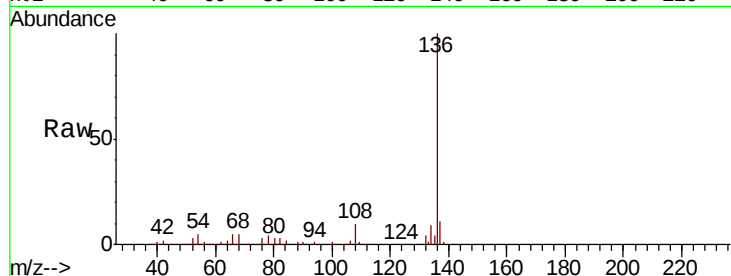




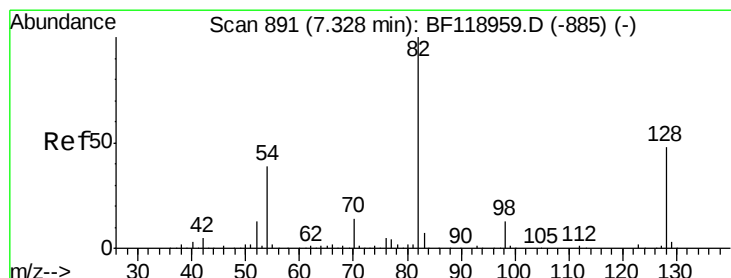
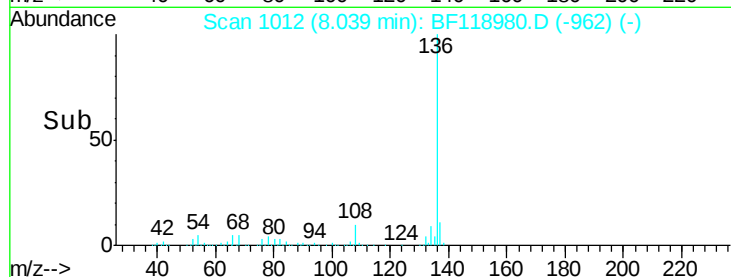
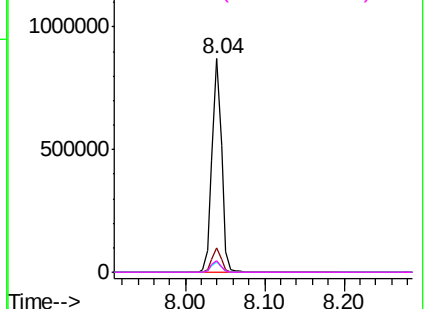
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	729999
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	5.0	3.8 5.6
68	5.5	4.2 6.2

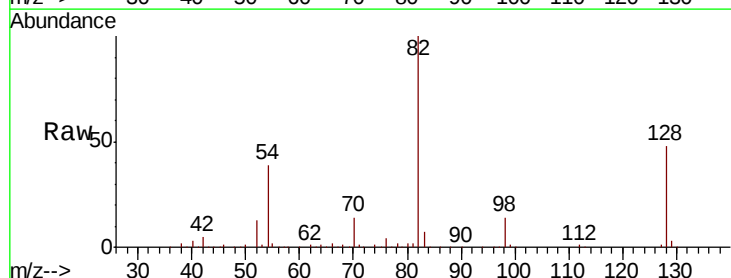


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

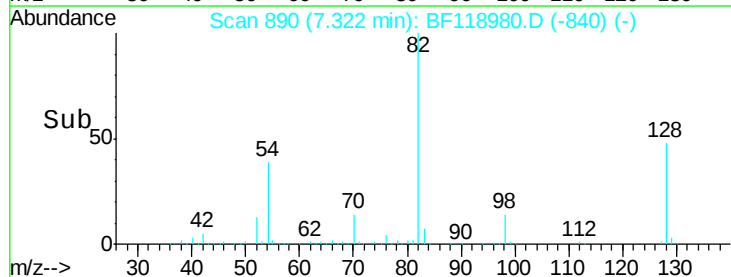
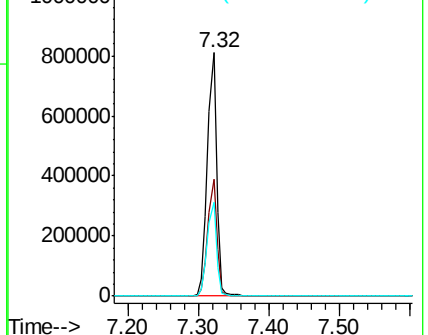


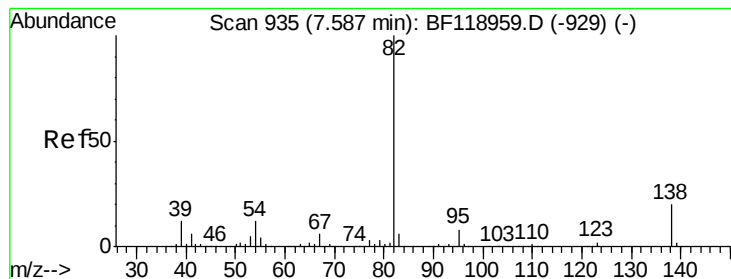
#23
Nitrobenzene-d5
Concen: 53.909 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Tgt Ion: 82	Resp:	745328
Ion Ratio	Lower	Upper
82	100	
128	47.9	38.2 57.2
54	38.8	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: 31.041 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampled :

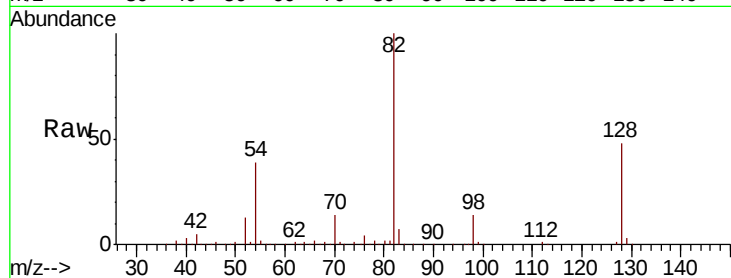
Tot Ion: 82 Resp: 745323

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

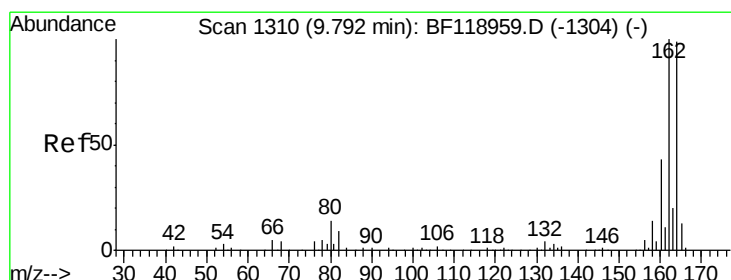
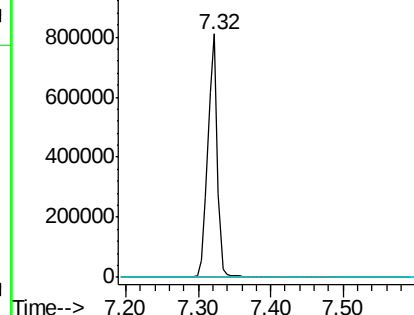
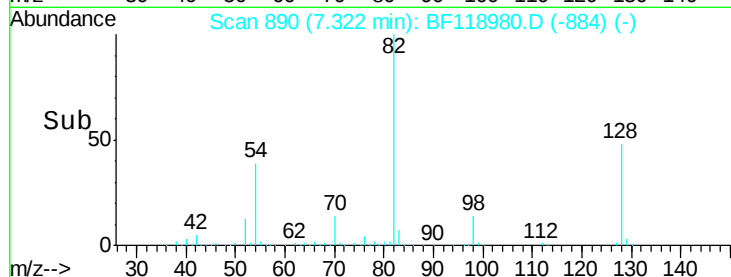
138 0.0 15.8 23.6#



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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

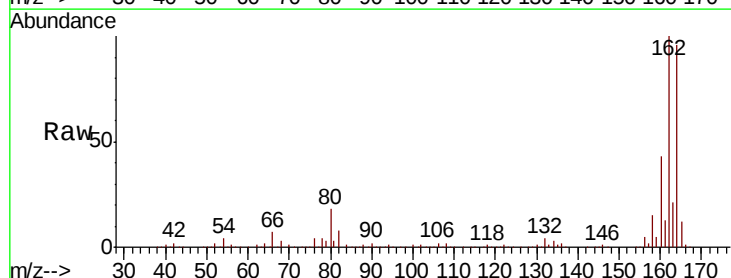
Tgt Ion: 164 Resp: 365251

Ion Ratio Lower Upper

164 100

162 103.9 81.2 121.8

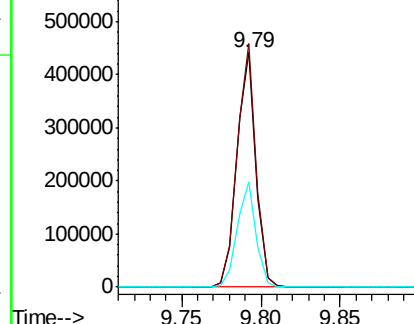
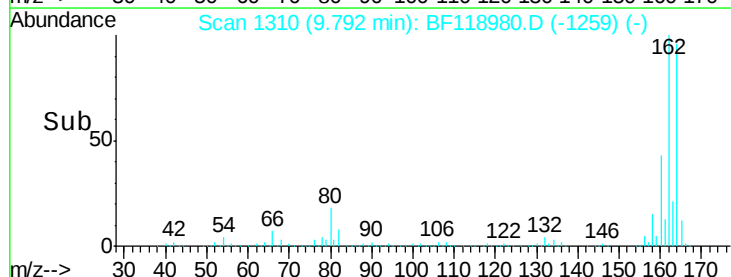
160 45.0 35.2 52.8

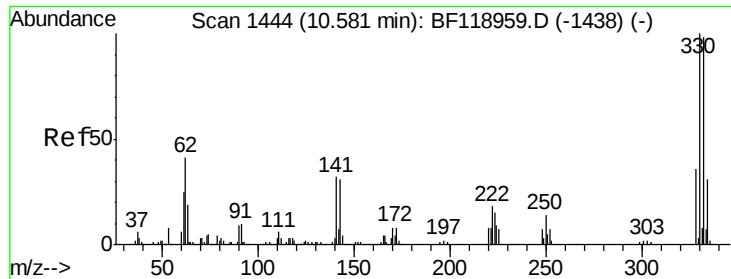


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

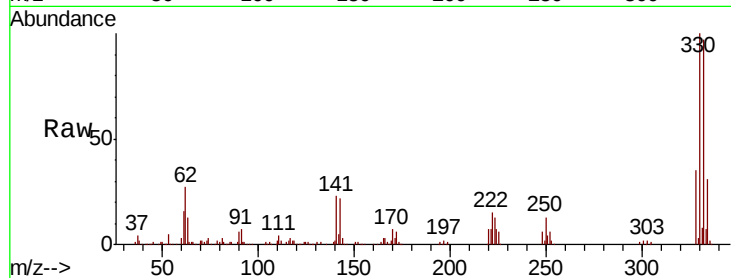




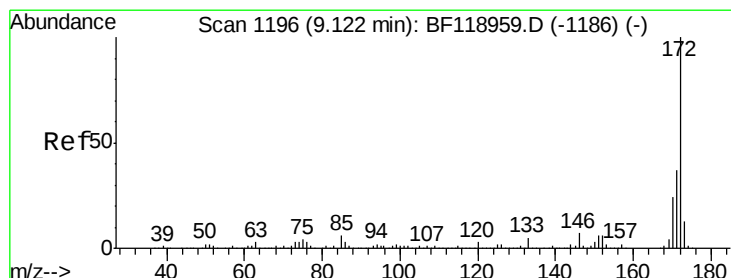
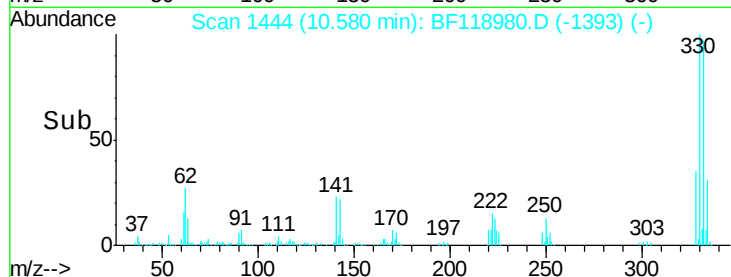
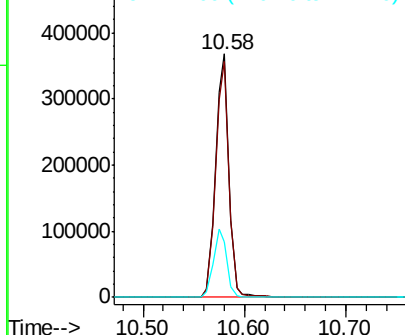
#42
 2,4,6-Tribromophenol
 Concen: 70.908 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	28.2	23.0	34.6

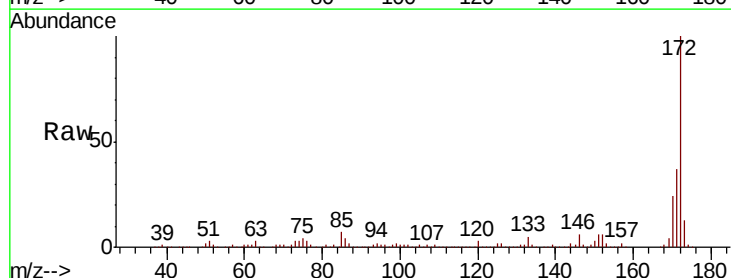


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

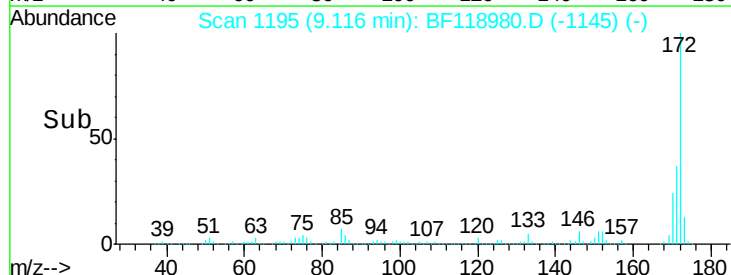
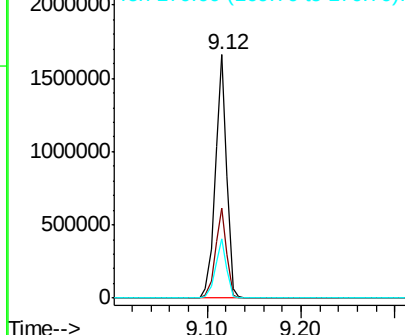


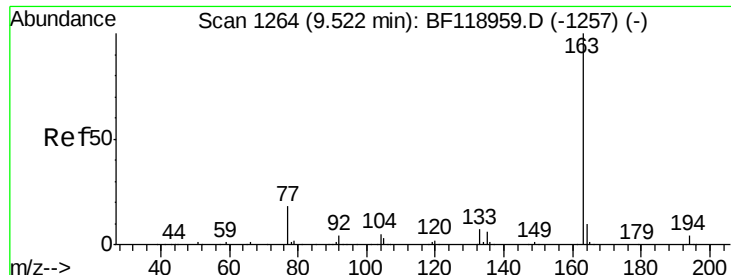
#45
 2-Fluorobiphenyl
 Concen: 57.603 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.3	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

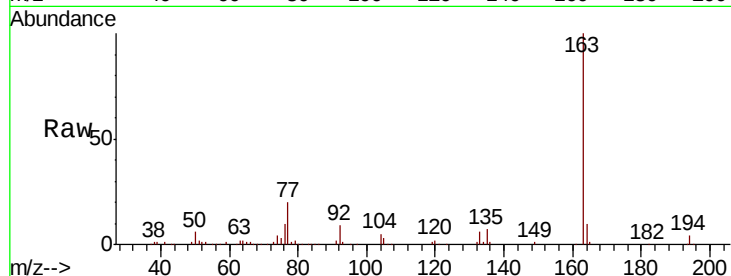




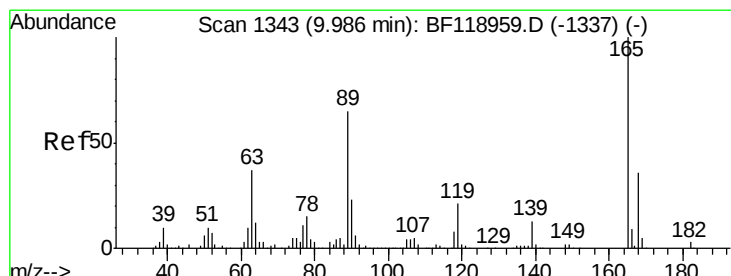
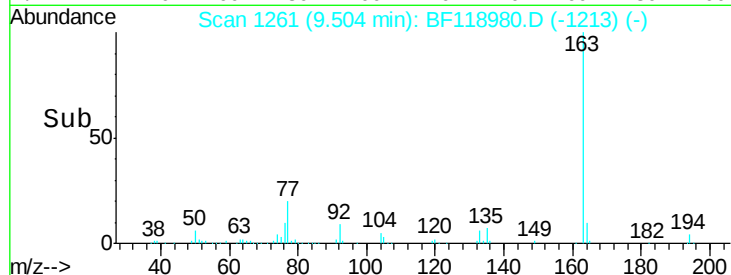
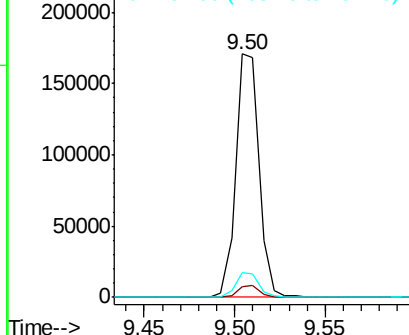
#50
Dimethylphthalate
Concen: 5.460 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.2	12.2



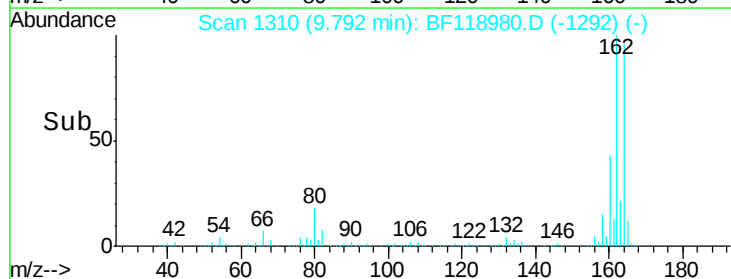
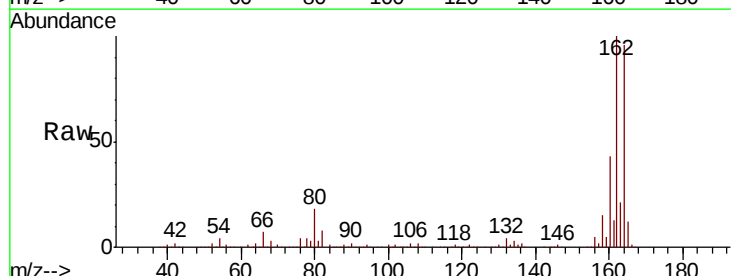
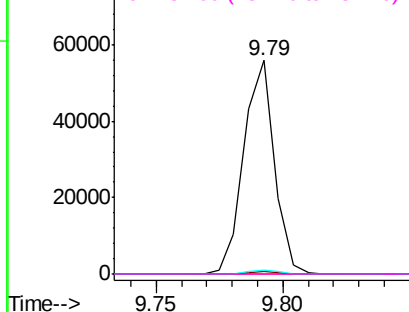
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

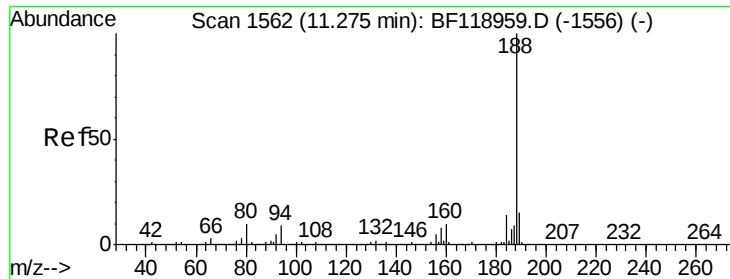


#57
2,4-Dinitrotoluene
Concen: 5.834 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.6	51.9	77.9#
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: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

Instrument :

BNA_F

ClientSampled :

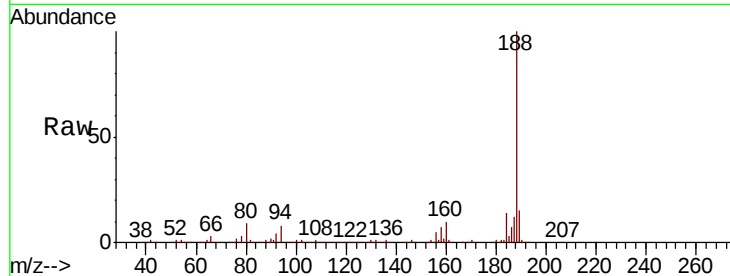
Tot Ion:188 Resp: 571763

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 8.8 7.9 11.9



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

800000

600000

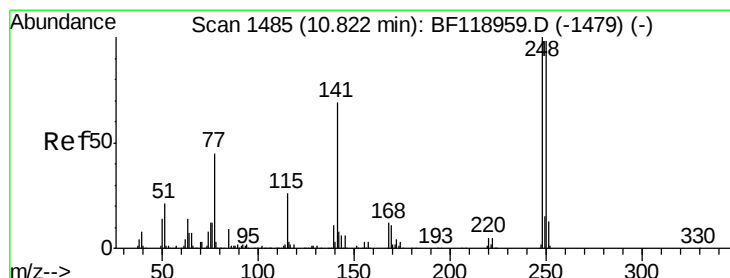
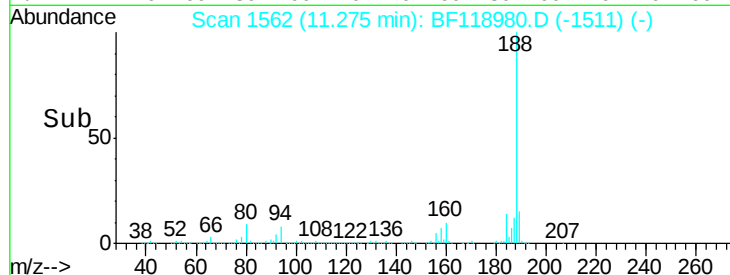
400000

200000

0

11.25 11.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.886 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.24 min

Lab File: BF118980.D

Acq: 21 Feb 2020 1:31

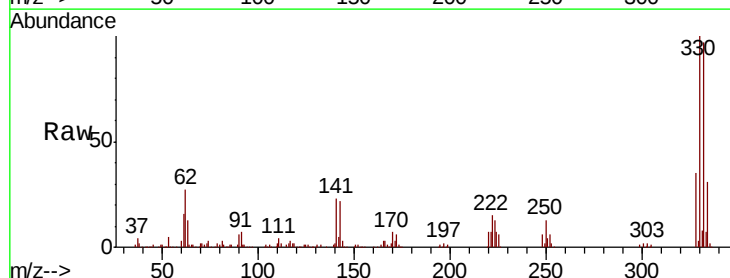
Tgt Ion:248 Resp: 21567

Ion Ratio Lower Upper

248 100

250 204.4 78.8 118.2#

141 375.4 55.3 82.9#



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

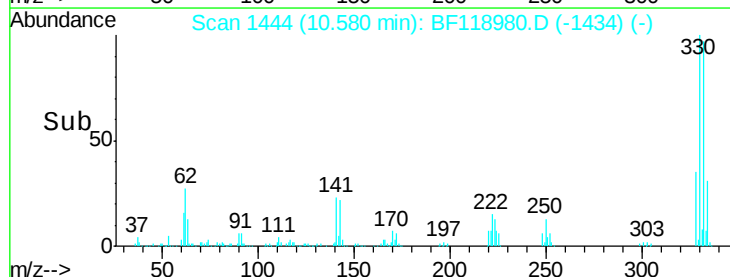
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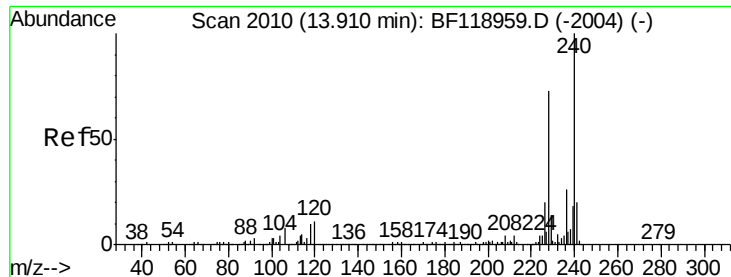
50000

0

10.55 10.60

Time-->

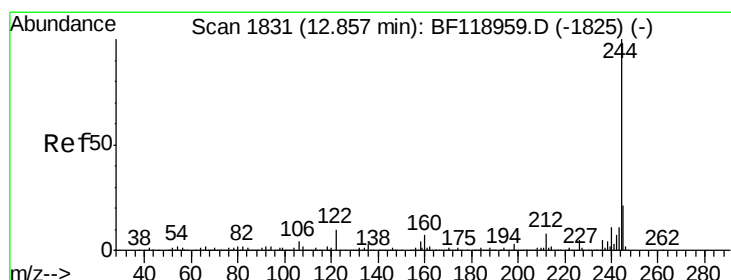
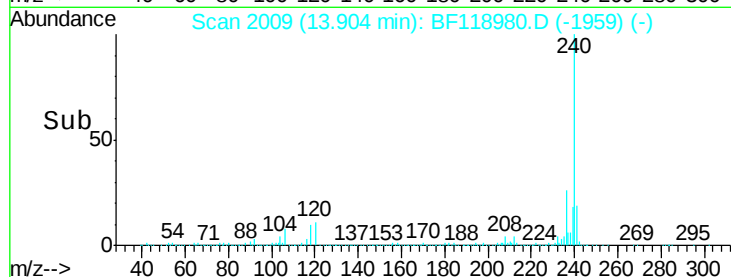
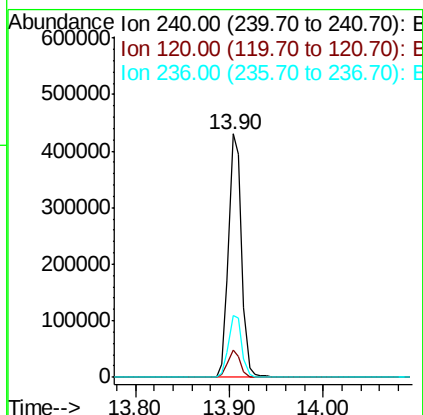
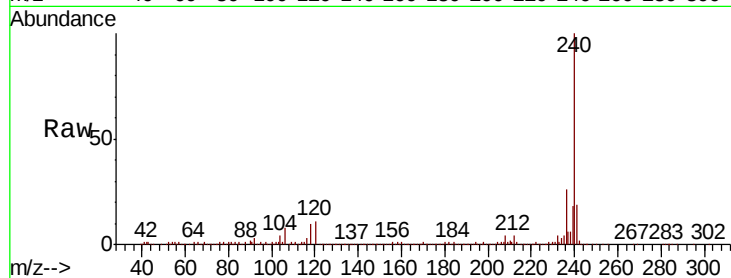




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

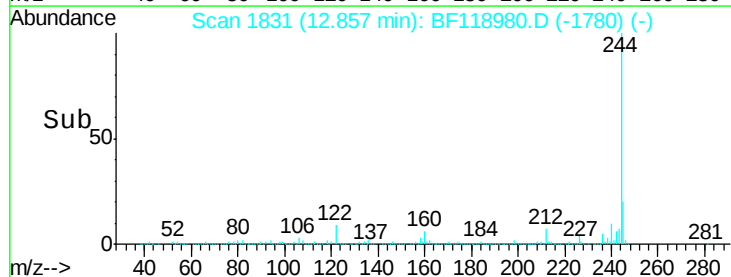
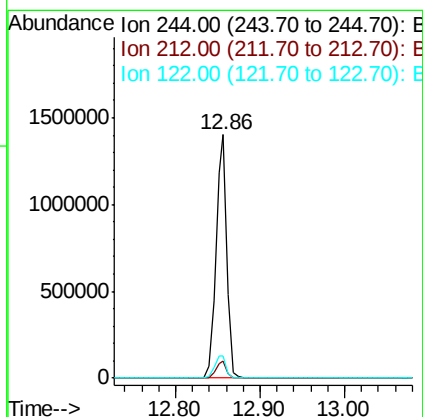
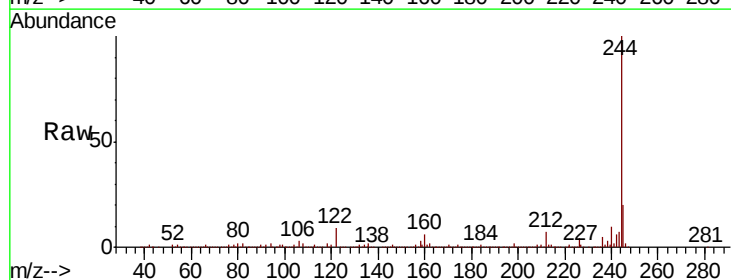
Instrument :
 BNA_F
 ClientSampled :

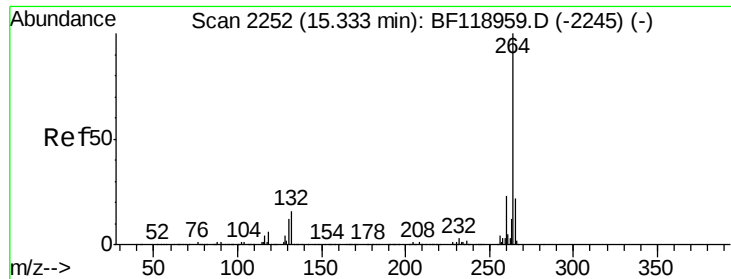
Tot Ion:240 Resp: 416801
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 25.6 20.6 30.8



#79
 Terphenyl-d14
 Concen: 53.383 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF118980.D
 Acq: 21 Feb 2020 1:31

Tgt Ion:244 Resp: 1292347
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.1 8.4 12.6

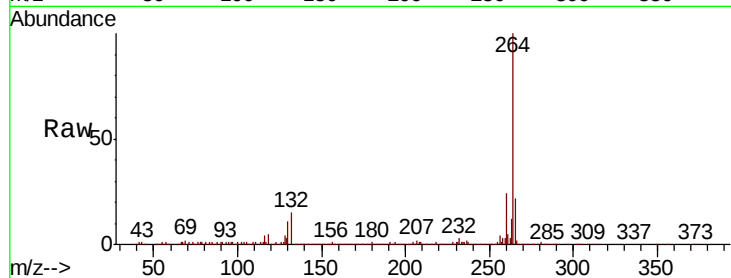




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118980.D
Acq: 21 Feb 2020 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.3	25.9



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

