

Data File : BF118518.D
Acq On : 10 Jan 2020 16:52
Operator : JU
Sample : L1060-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jan 11 02:53:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74030	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	319633	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	164224	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	288371	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	182941	20.00	ng	-0.01
87) Perylene-d12	15.52	264	167232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	579939	129.32	ng	0.00
7) Phenol-d6	6.47	99	680159	126.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	439421	72.22	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	254410	131.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	933281	81.51	ng	-0.01
79) Terphenyl-d14	12.96	244	1125243	97.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	61056	17.680	ng	# 79
25) Isophorone	7.40	82	439417	45.079	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	20885	7.694	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	20885	5.746	ng	# 19
67) 4-Bromophenyl-phenylether	10.67	248	15458	4.577	ng	# 1
77) Benzidine	12.72	184	41327	Below Cal		97

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

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ClientSampleId :
TP-1

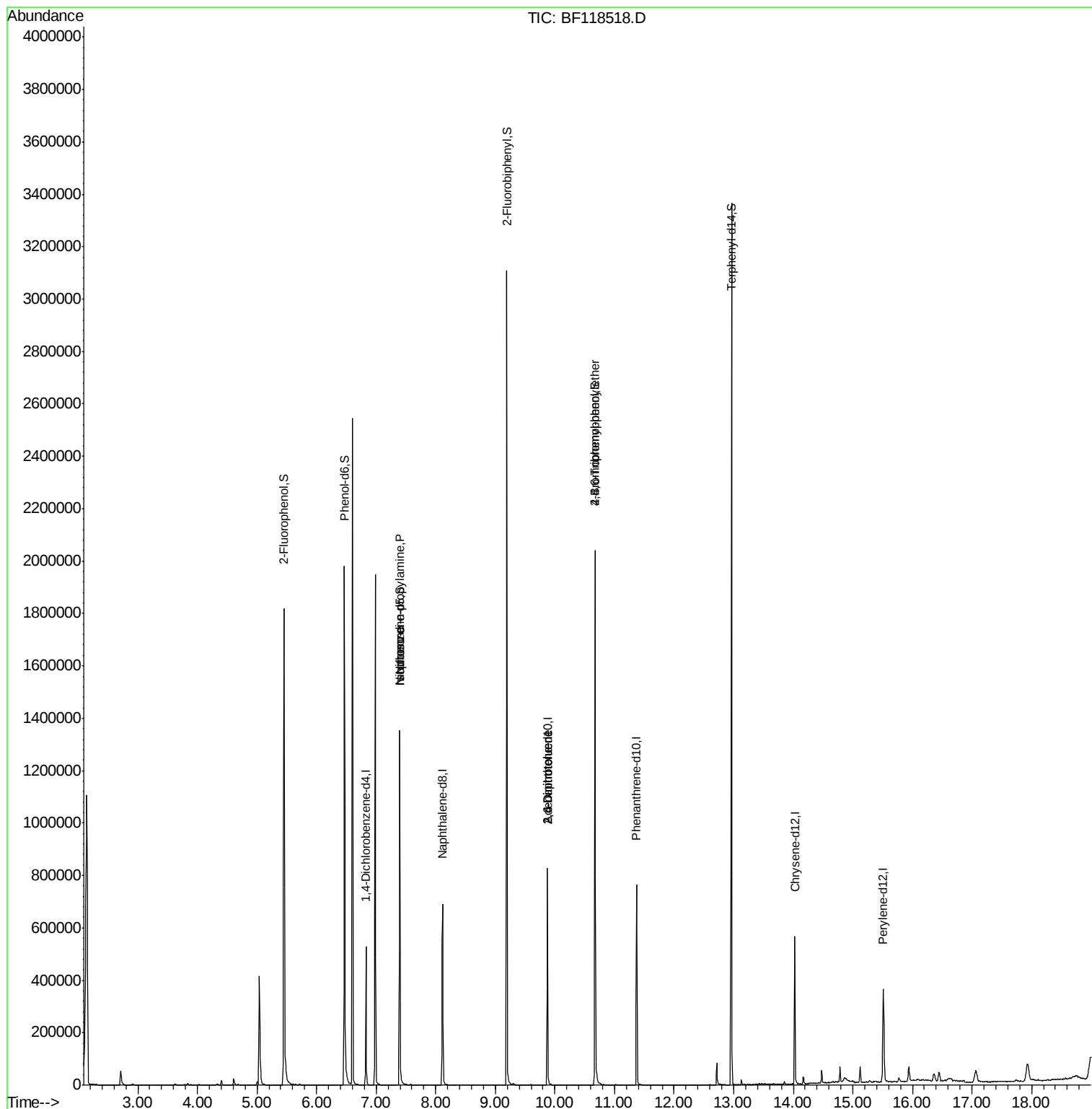
Quant Time: Jan 11 02:53:15 2020

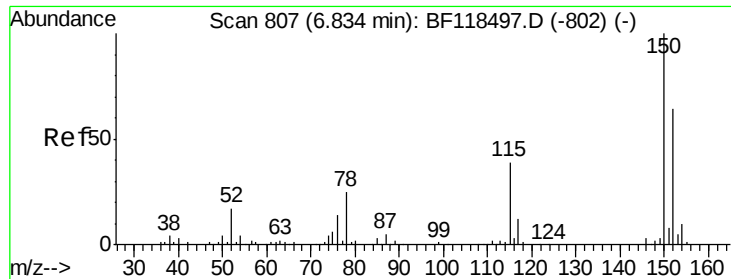
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M

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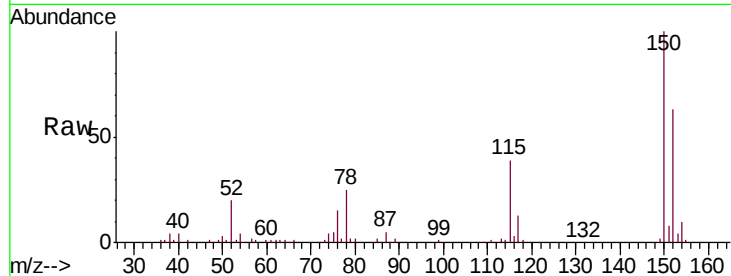




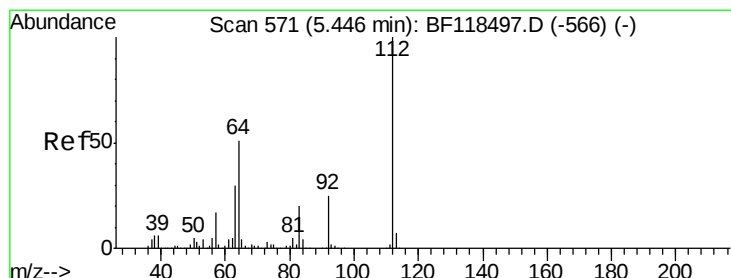
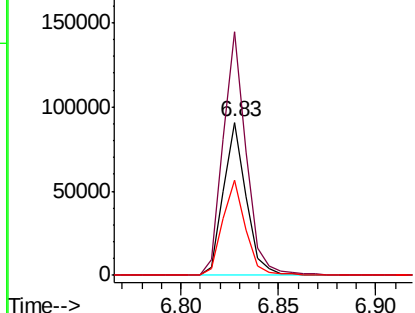
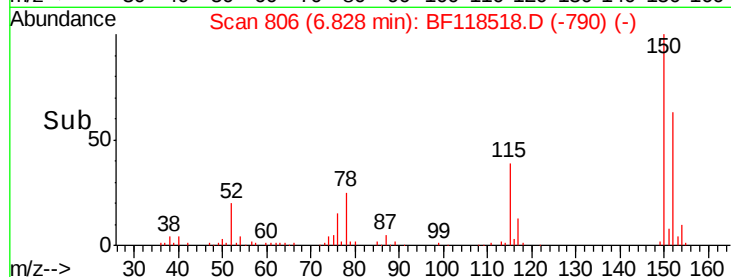
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 74030
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.7 187.1
 115 62.2 49.0 73.6

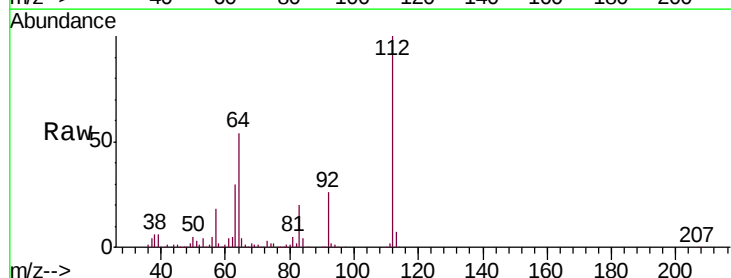


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

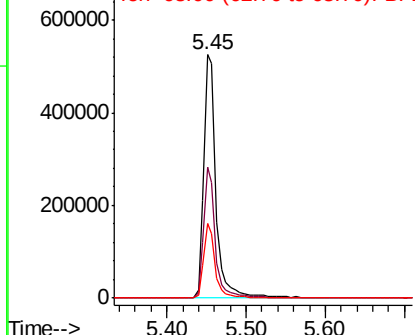
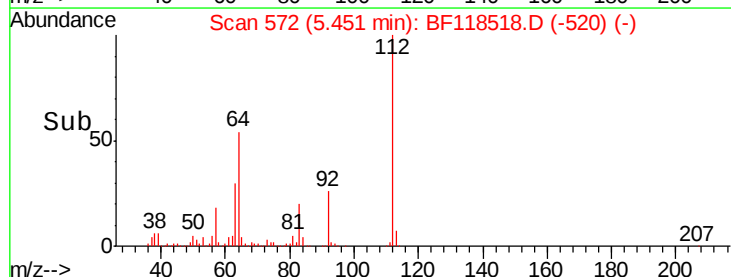


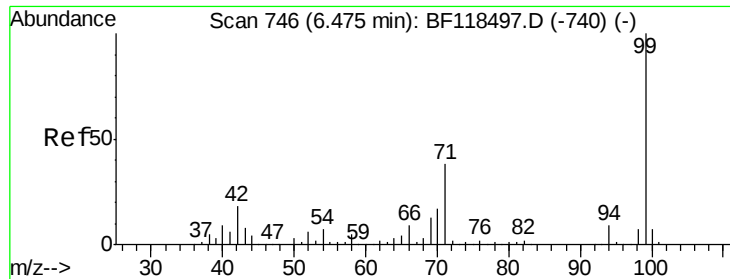
#5
 2-Fluorophenol
 Concen: 129.317 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion:112 Resp: 579939
 Ion Ratio Lower Upper
 112 100
 64 53.9 41.1 61.7
 63 30.4 24.1 36.1



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: 126.856 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Instrument :

BNA_F

ClientSampled :

TP-1

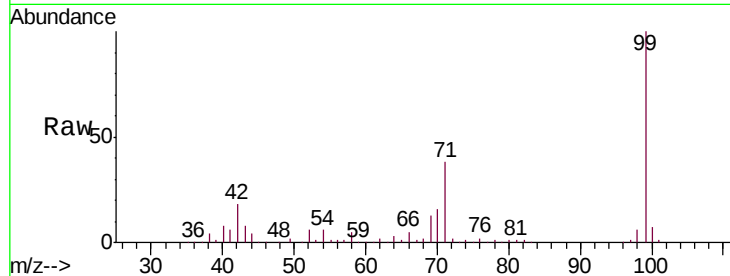
Tgt Ion: 99 Resp: 680159

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 37.7 30.6 45.8



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

800000

600000

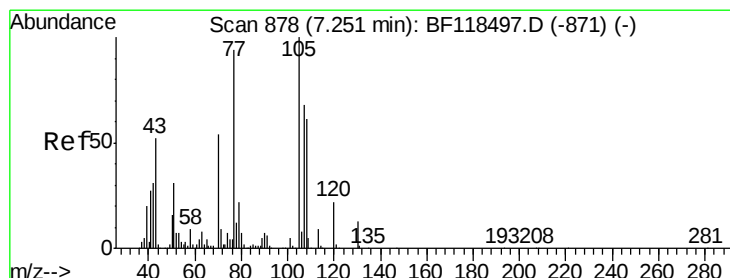
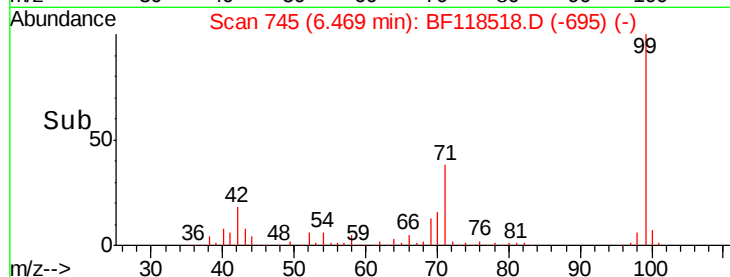
400000

200000

0

6.40 6.50 6.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.680 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Tgt Ion: 70 Resp: 61056

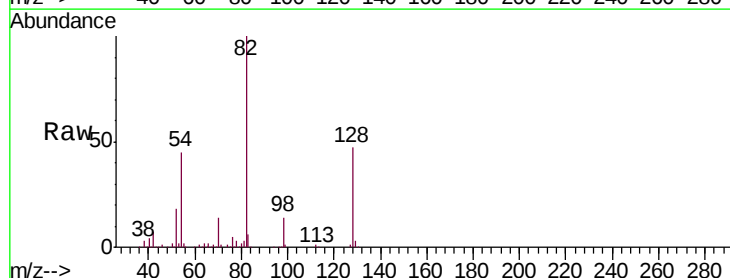
Ion Ratio Lower Upper

70 100

42 50.0 45.6 68.4

101 0.0 8.2 12.2#

130 2.3 19.2 28.8#



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

80000

60000

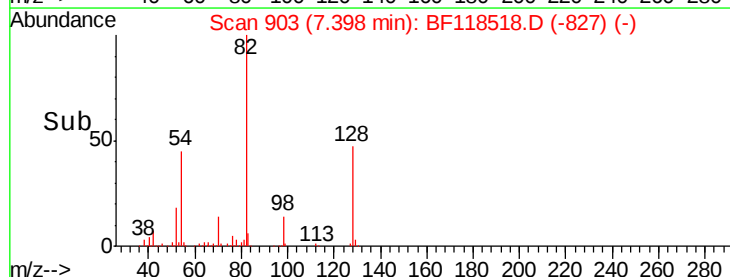
40000

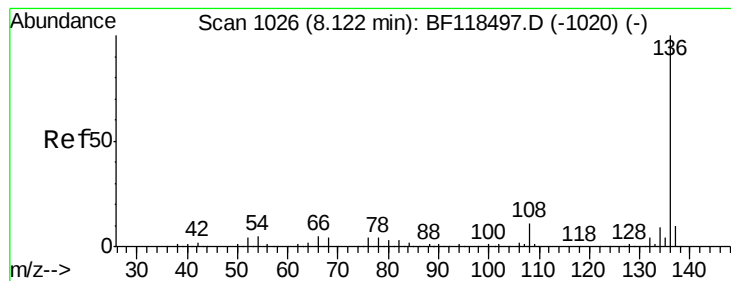
20000

0

7.35 7.40 7.45 7.50

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Instrument :

BNA_F

ClientSampled :

TP-1

Tgt Ion:136 Resp: 319633

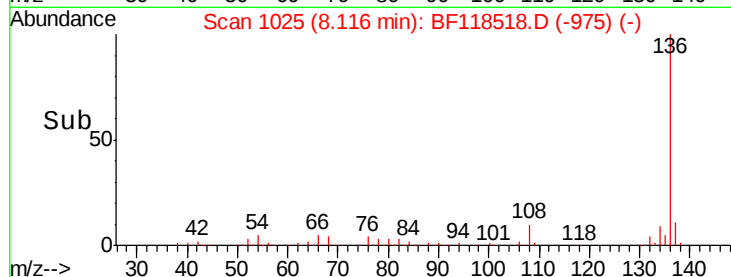
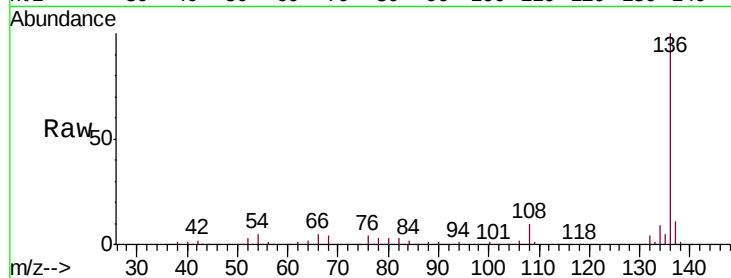
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 5.3 4.2 6.2

68 4.2 3.3 4.9

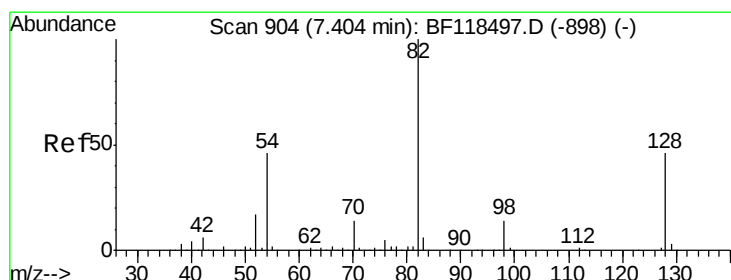
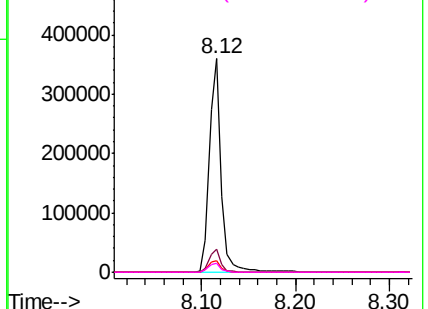


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.218 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

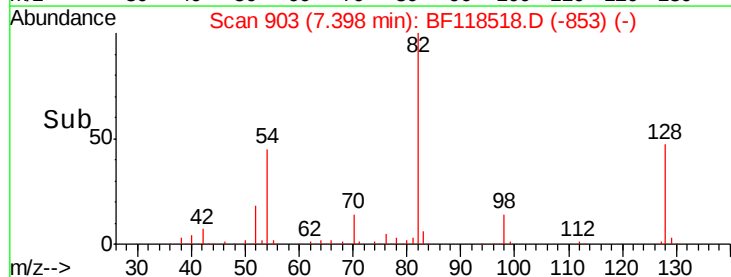
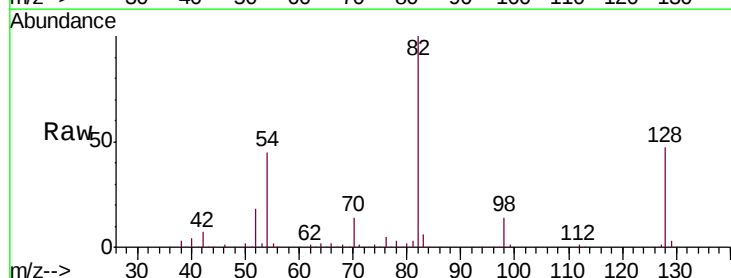
Tgt Ion: 82 Resp: 439421

Ion Ratio Lower Upper

82 100

128 47.5 36.6 54.8

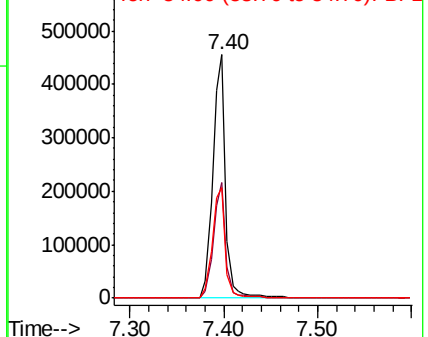
54 45.2 37.0 55.6

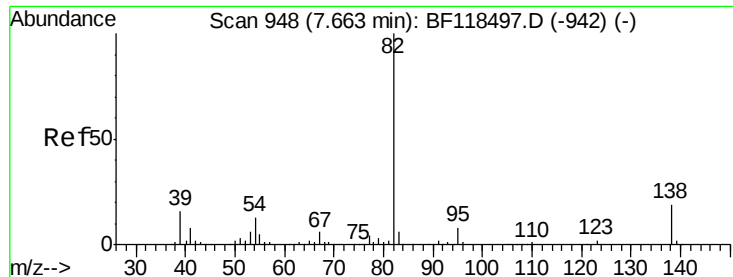


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.079 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Instrument :

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ClientSampleId :

TP-1

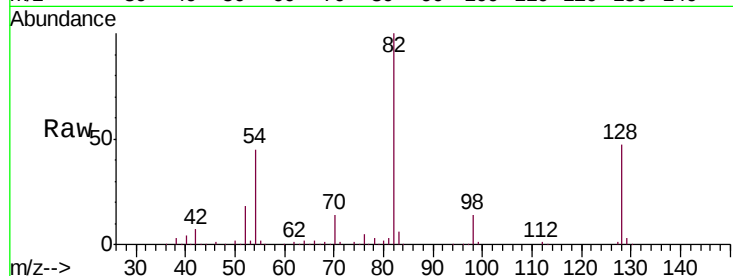
Tgt Ion: 82 Resp: 439417

Ion Ratio Lower Upper

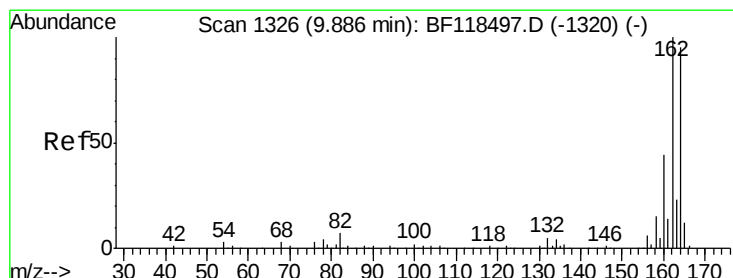
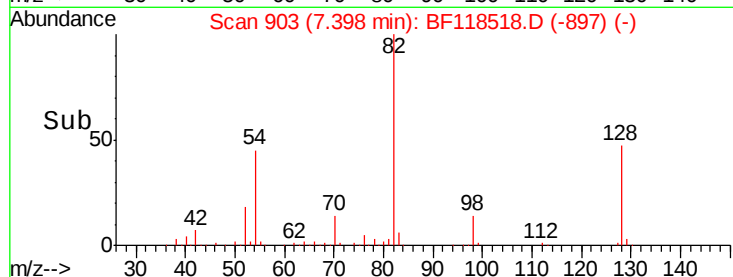
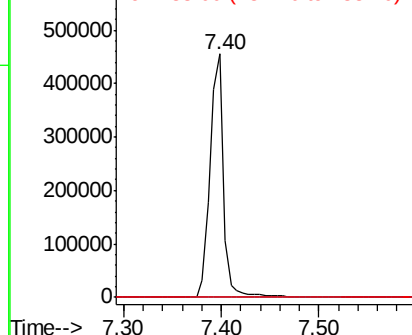
82 100

95 0.0 6.6 9.8#

138 0.0 15.4 23.2#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

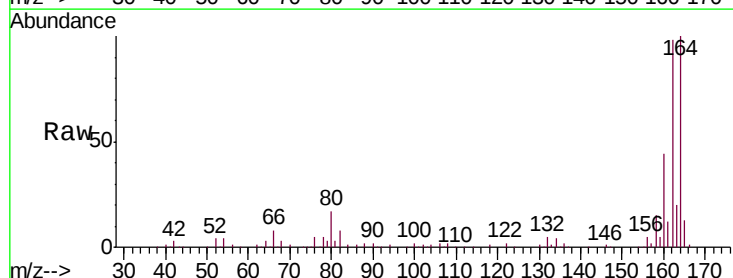
Tgt Ion: 164 Resp: 164224

Ion Ratio Lower Upper

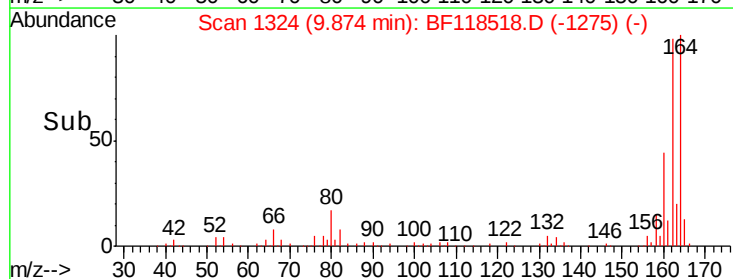
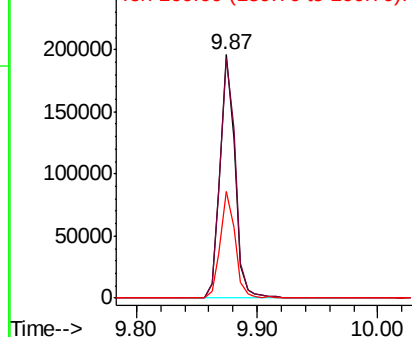
164 100

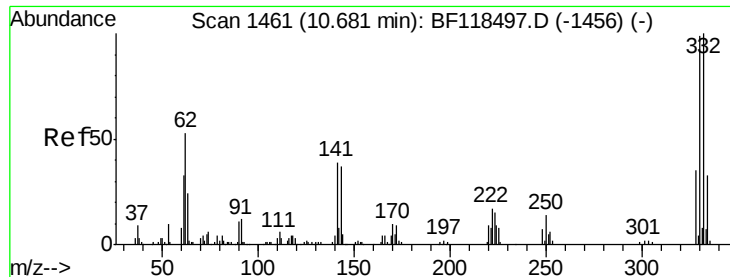
162 98.4 84.2 126.4

160 44.0 36.8 55.2



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

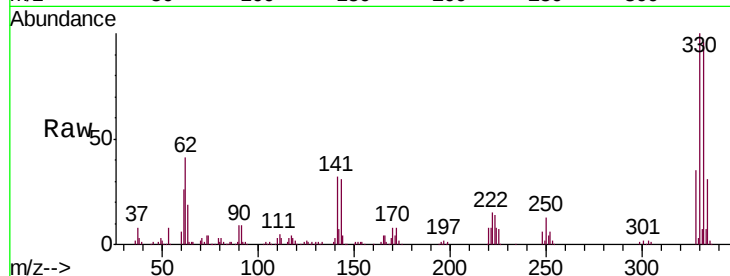




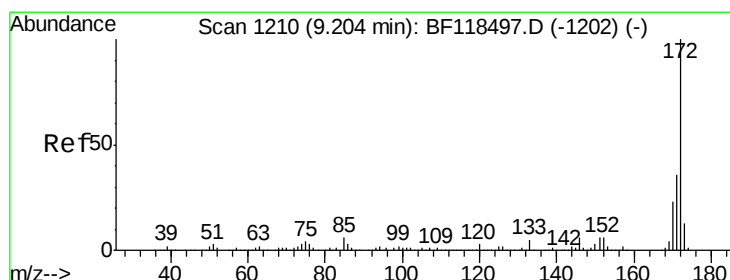
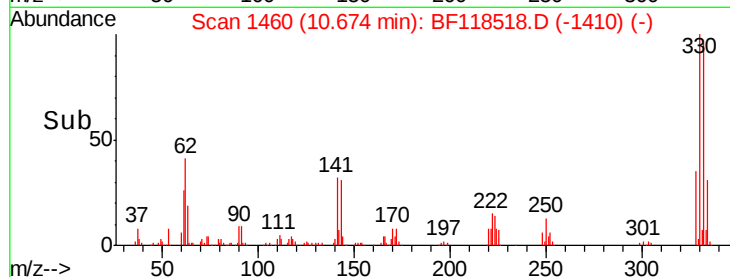
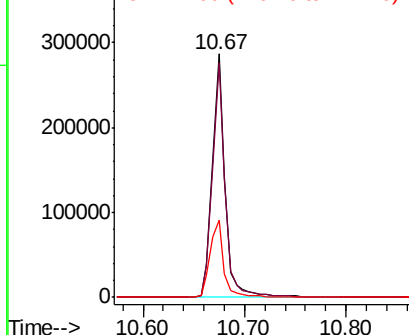
#42
 2,4,6-Tribromophenol
 Concen: 131.287 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	33.7	28.6	43.0

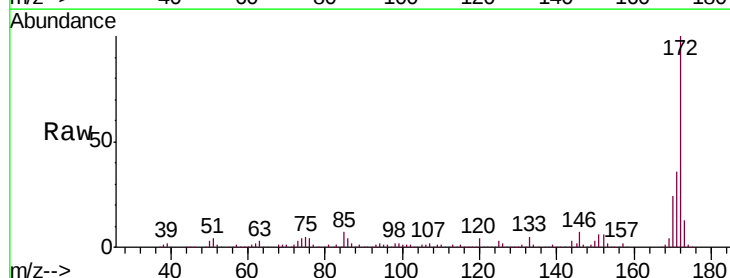


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

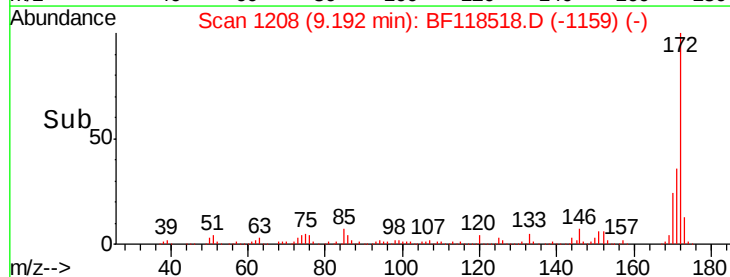
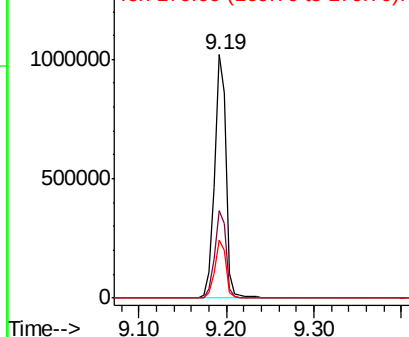


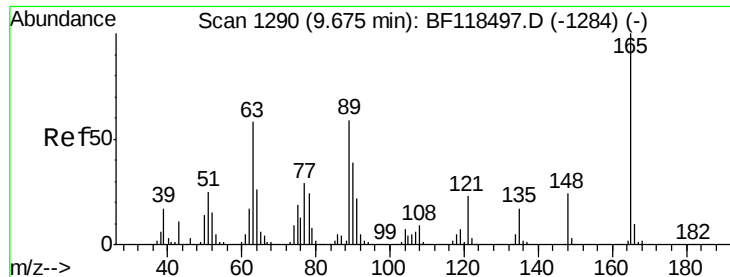
#45
 2-Fluorobiphenyl
 Concen: 81.505 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	18.6	27.8



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

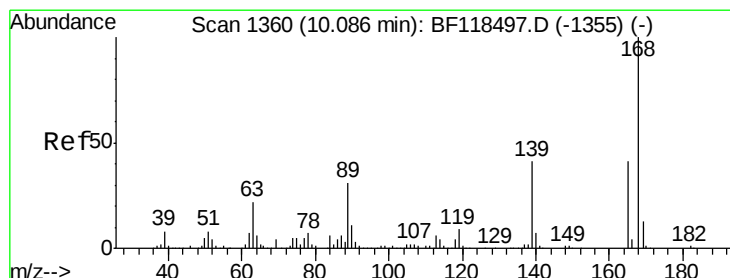
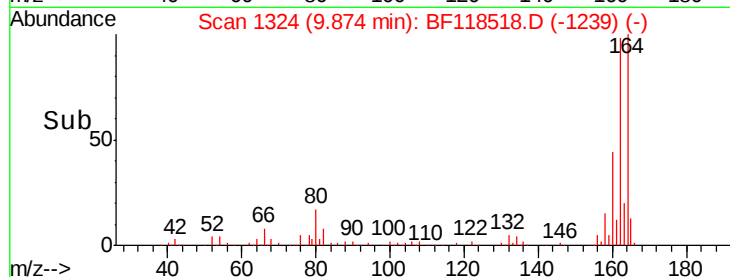
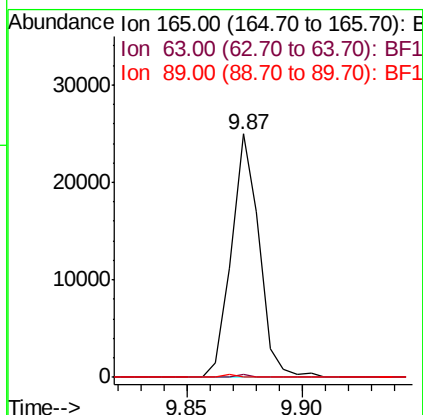
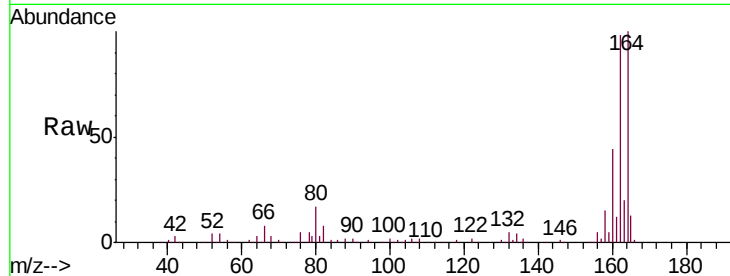




#51
 2,6-Dinitrotoluene
 Concen: 7.694 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.20 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

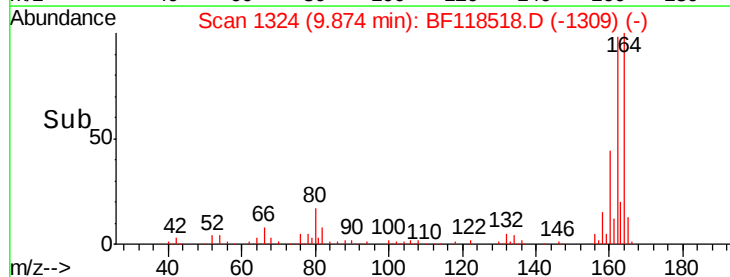
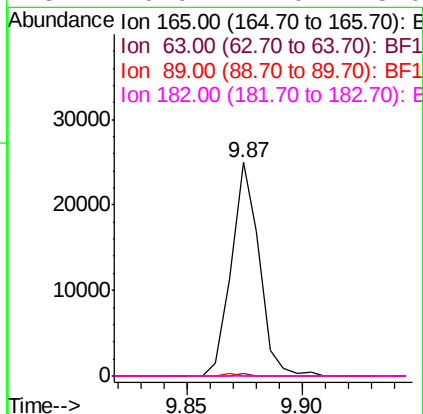
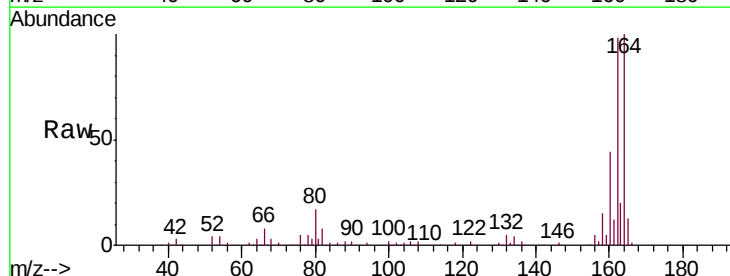
Instrument :
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 TP-1

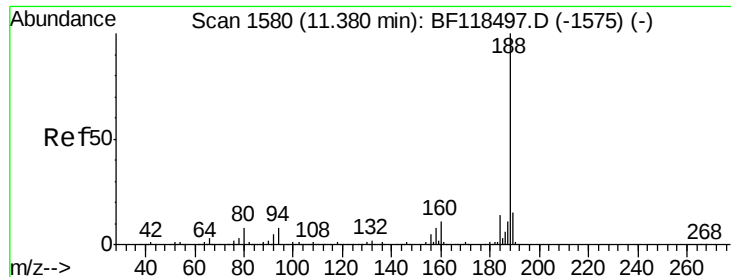
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.6	70.0#
89	0.0	47.5	71.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.746 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.1	66.1#
89	0.0	60.4	90.6#
182	0.0	2.0	3.0#

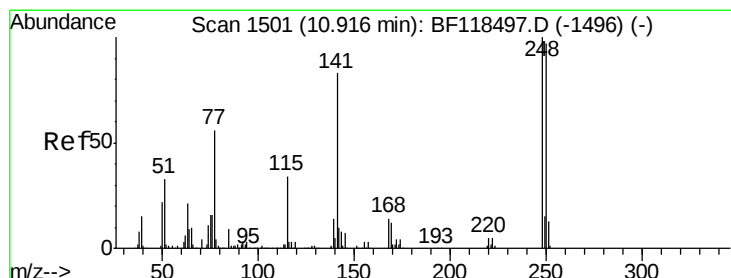
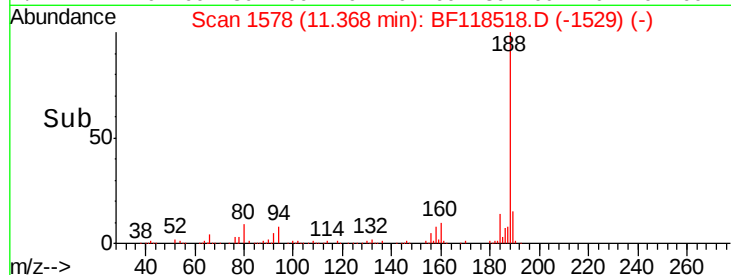
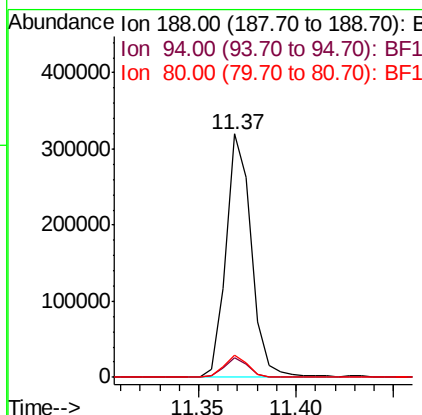
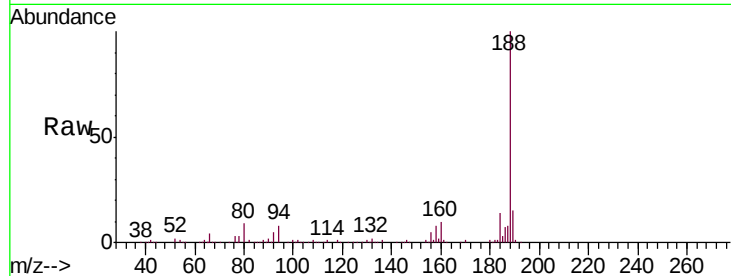




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

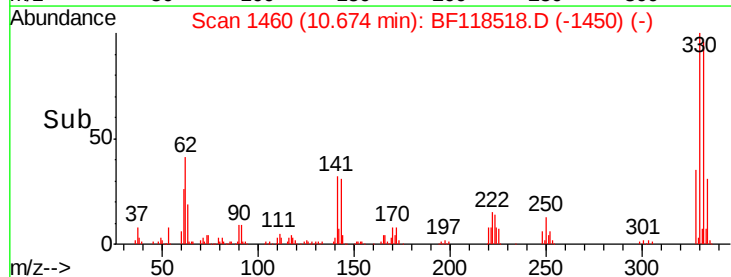
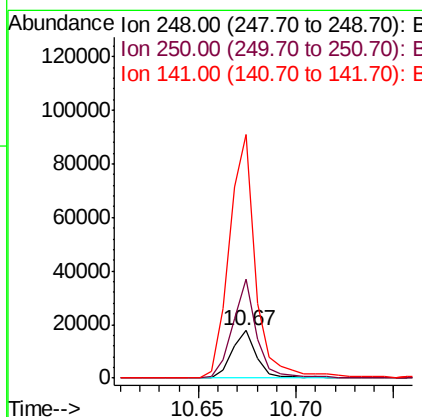
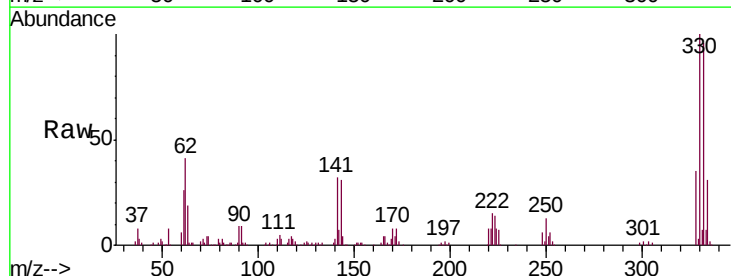
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

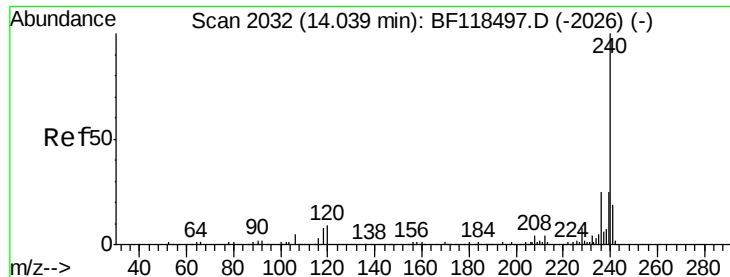
Tgt Ion:188 Resp: 288371
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.2 9.4
 80 9.3 6.6 10.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.577 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion:248 Resp: 15458
 Ion Ratio Lower Upper
 248 100
 250 209.5 77.4 116.0#
 141 514.2 66.2 99.4#

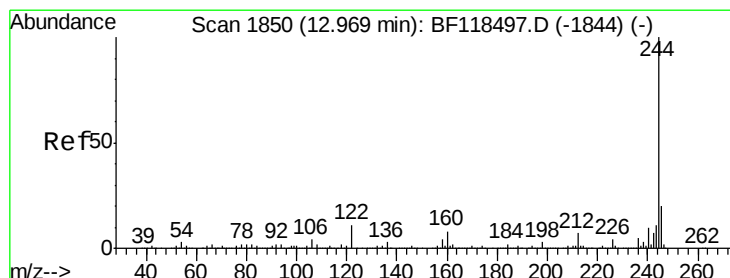
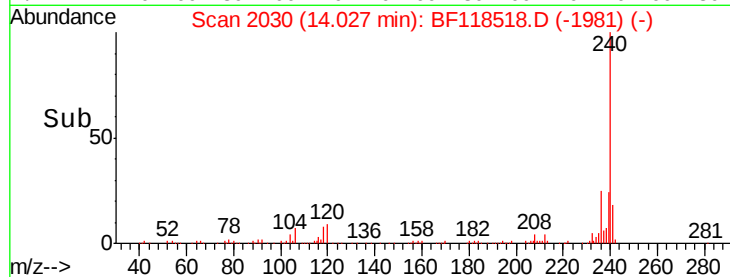
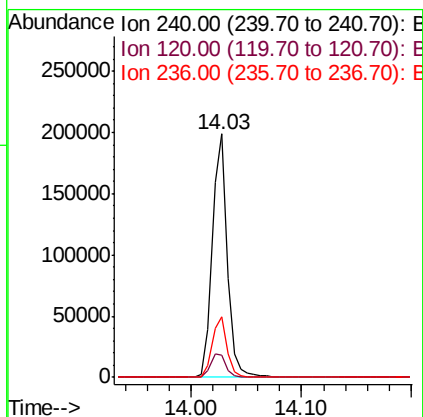
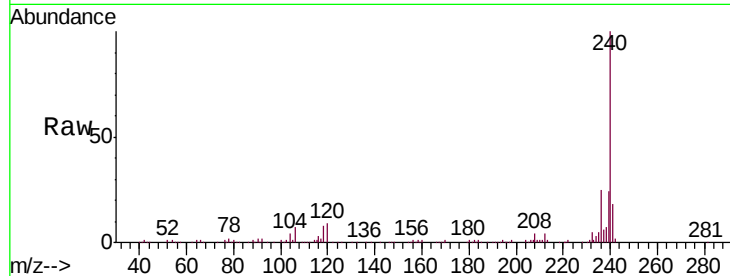




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118518.D
Acq: 10 Jan 2020 16:52

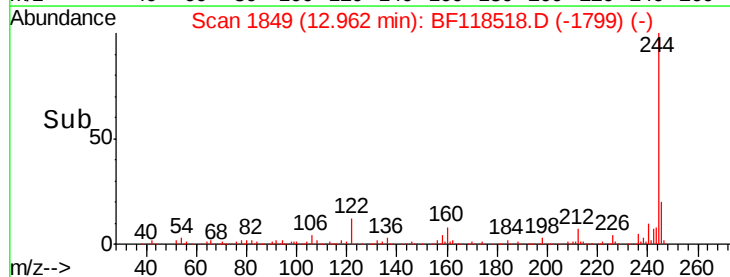
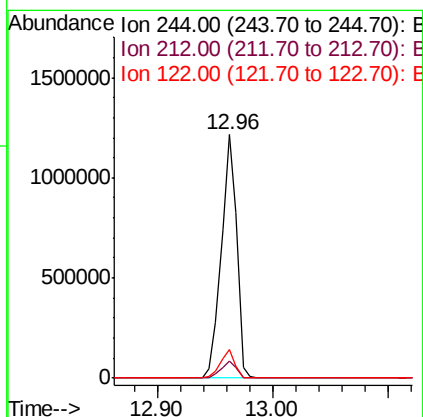
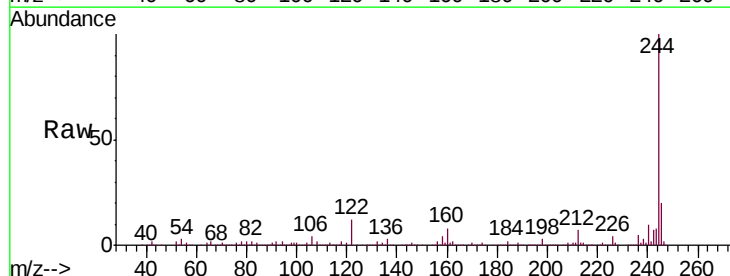
Instrument :
BNA_F
ClientSampleId :
TP-1

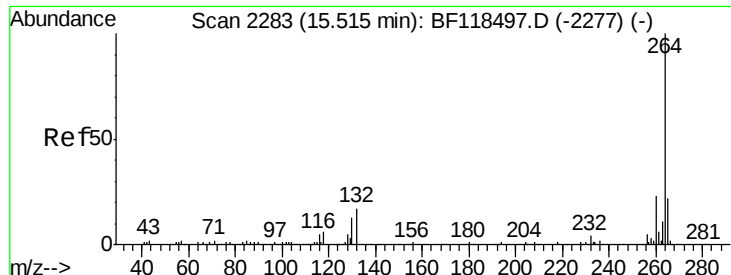
Tgt Ion:240 Resp: 182941
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 24.9 20.1 30.1



#79
Terphenyl-d14
Concen: 97.472 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF118518.D
Acq: 10 Jan 2020 16:52

Tgt Ion:244 Resp: 1125243
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.9 9.0 13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118518.D
Acq: 10 Jan 2020 16:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:	264	Resp:	167232
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	20.2	17.5	26.3

