

Data File : BF118525.D
Acq On : 10 Jan 2020 20:07
Operator : JU
Sample : L1065-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6-HER-002-003-01

Quant Time: Jan 11 02:55:46 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	78799	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	308110	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	146853	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	256528	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	146262	20.00	ng	-0.01
87) Perylene-d12	15.51	264	179498	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	538981	112.91	ng	0.02
7) Phenol-d6	6.47	99	623840	109.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	475618	81.09	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	241495	139.36	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1081998	105.67	ng	-0.01
79) Terphenyl-d14	12.96	244	1106843	119.92	ng	0.00

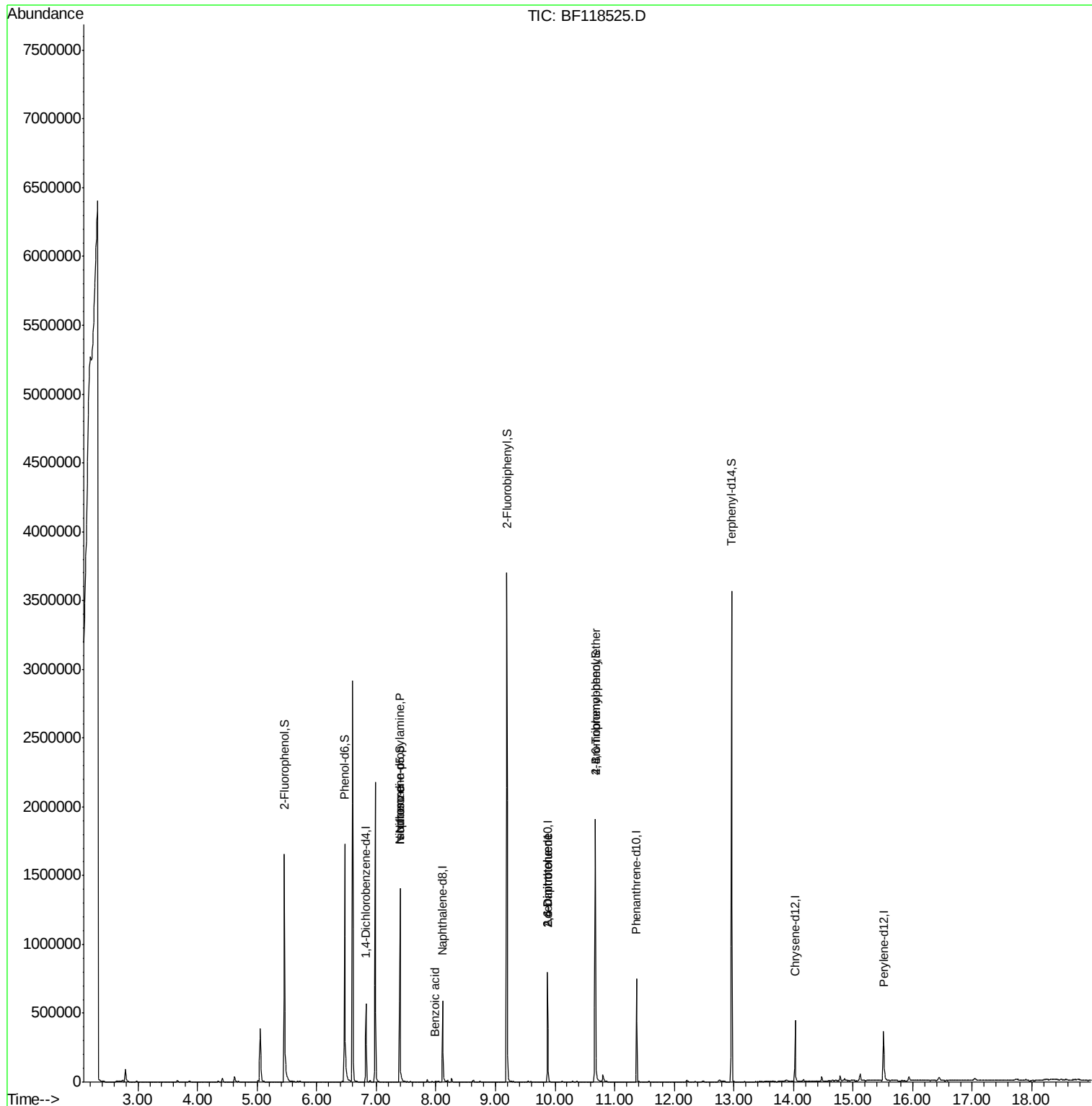
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.40	70	66732	18.155	ng	# 77
25) Isophorone	7.40	82	475614	50.617	ng	# 63
32) Benzoic acid	7.99	122	1839	7.078	ng	# 17
51) 2,6-Dinitrotoluene	9.87	165	18852	7.767	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	18852	5.801	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	14662	4.880	ng	# 1
77) Benzidine	12.96	184	16912	Below Cal		# 94

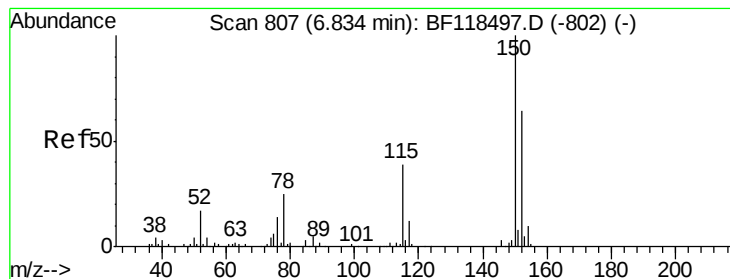
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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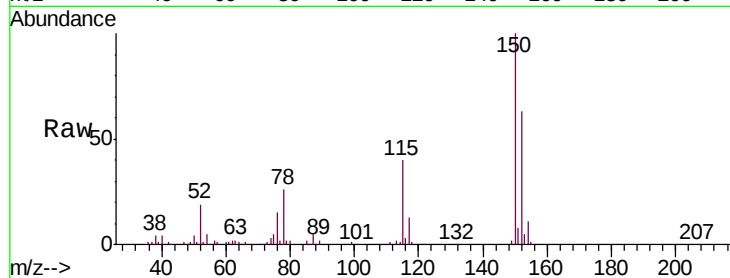


#1

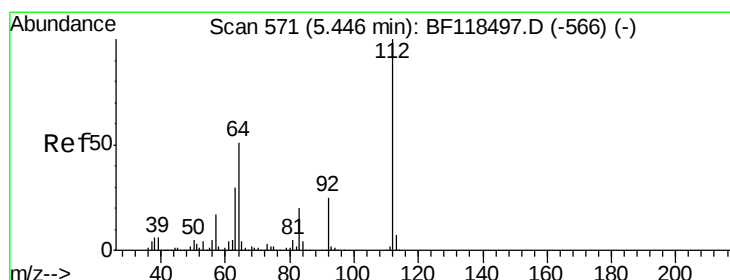
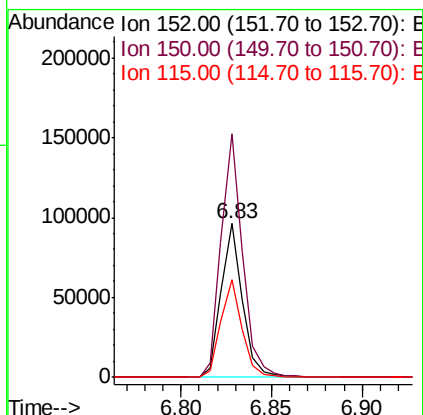
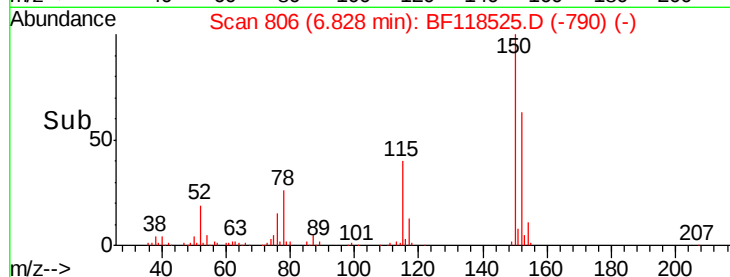
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118525.D
Acq: 10 Jan 2020 20:07

Instrument :
BNA_F
ClientSampleId :
6-HER-002-003-01

Tgt Ion:152 Resp: 78799
Ion Ratio Lower Upper
152 100
150 158.1 124.7 187.1
115 63.8 49.0 73.6



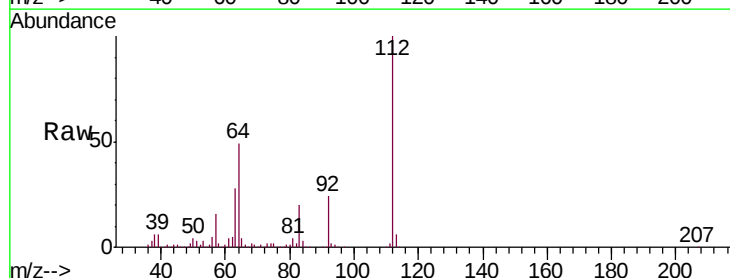
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



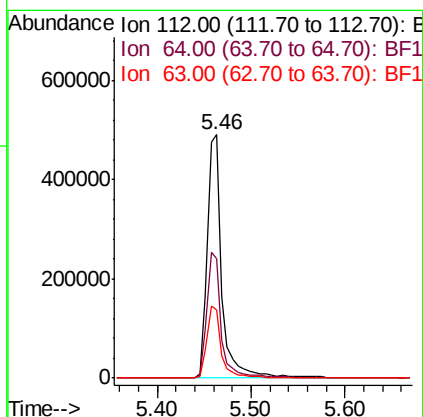
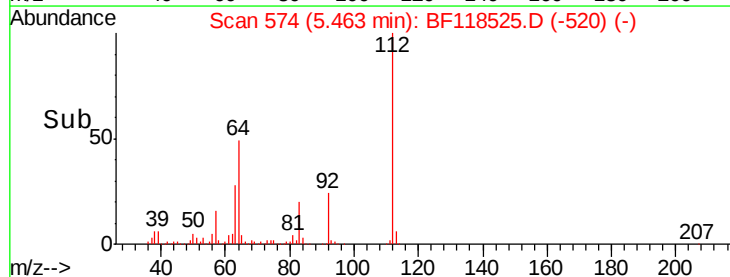
#5

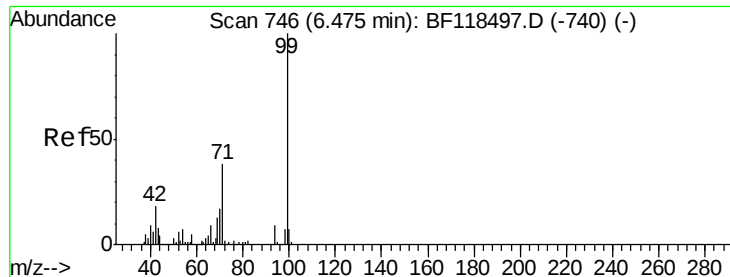
2-Fluorophenol
Concen: 112.910 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF118525.D
Acq: 10 Jan 2020 20:07

Tgt Ion:112 Resp: 538981
Ion Ratio Lower Upper
112 100
64 49.0 41.1 61.7
63 28.2 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: 109.311 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118525.D

Acq: 10 Jan 2020 20:07

Instrument :

BNA_F

ClientSampleId :

6-HER-002-003-01

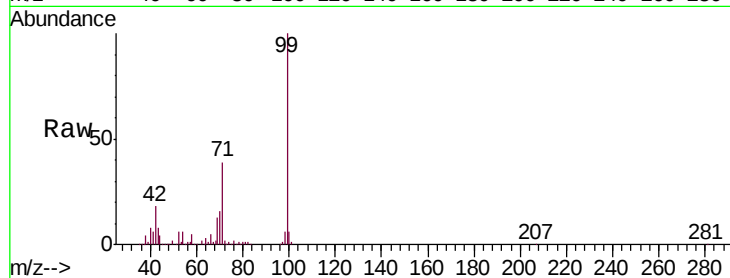
Tgt Ion: 99 Resp: 623840

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

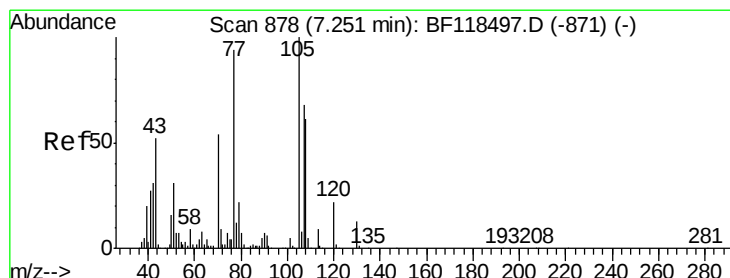
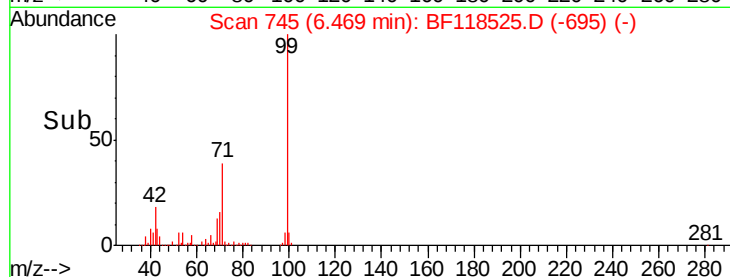
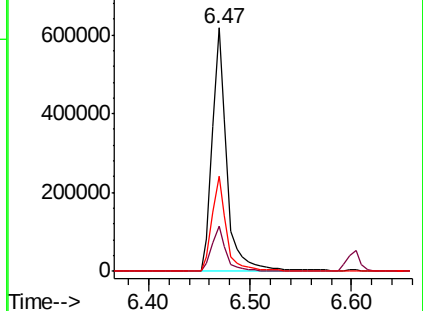
71 38.9 30.6 45.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.155 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF118525.D

Acq: 10 Jan 2020 20:07

Tgt Ion: 70 Resp: 66732

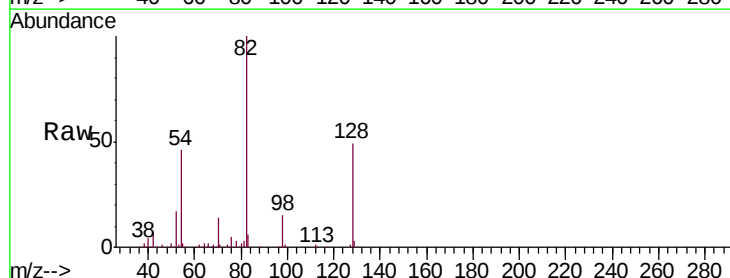
Ion Ratio Lower Upper

70 100

42 47.7 45.6 68.4

101 0.0 8.2 12.2#

130 2.2 19.2 28.8#

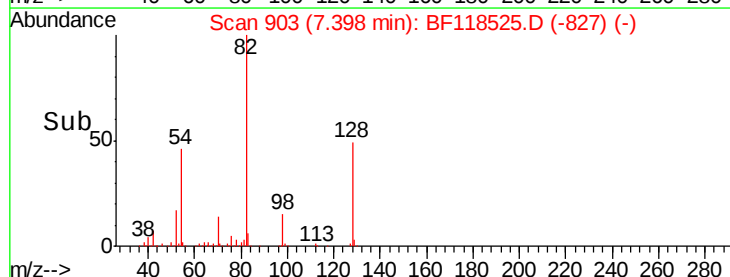
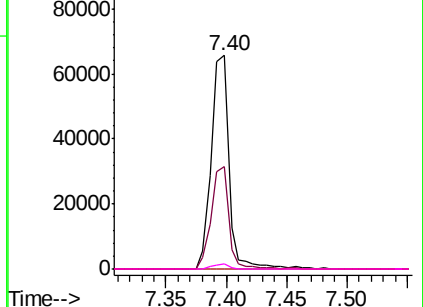


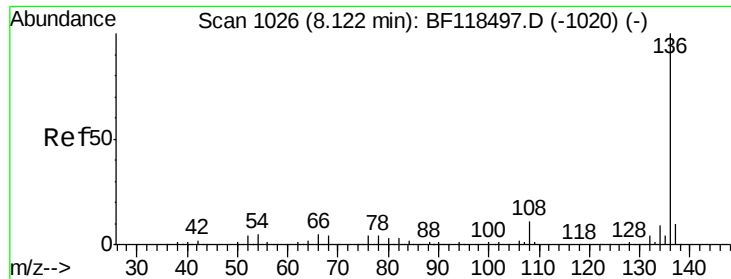
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

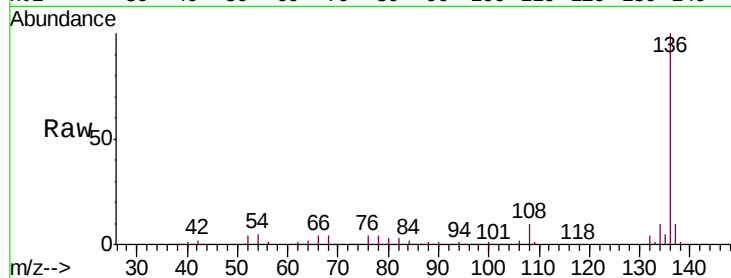




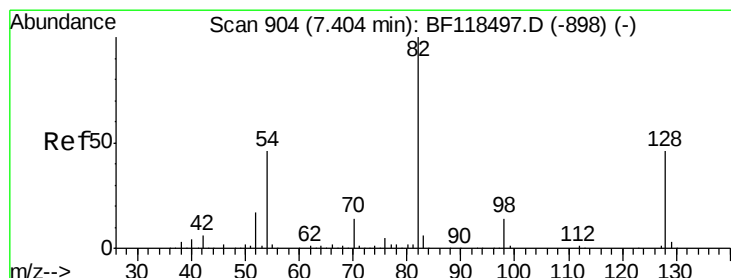
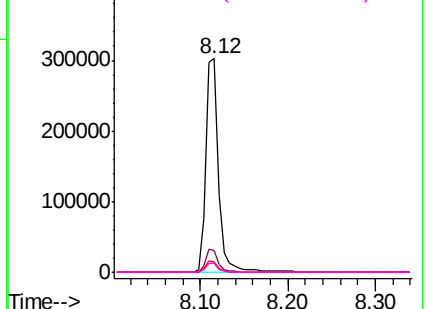
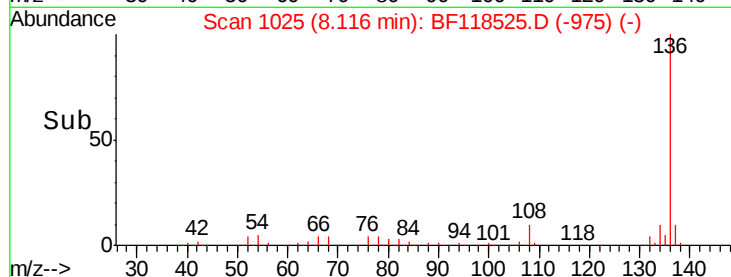
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118525.D
Acq: 10 Jan 2020 20:07

Instrument :
BNA_F
ClientSampleId :
6-HER-002-003-01

Tgt Ion:	136	Resp:	308110
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	5.1	4.2	6.2
68	3.9	3.3	4.9

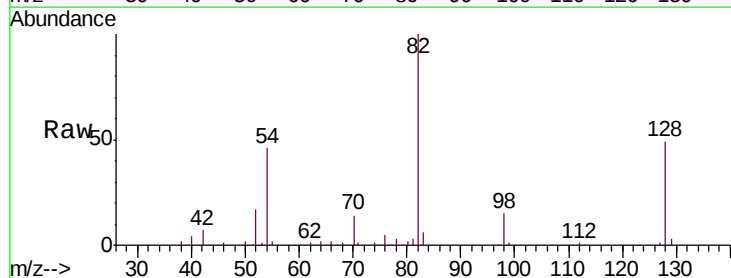


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

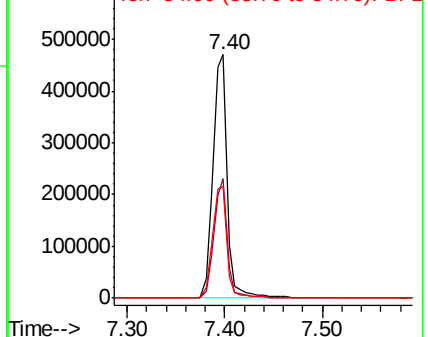
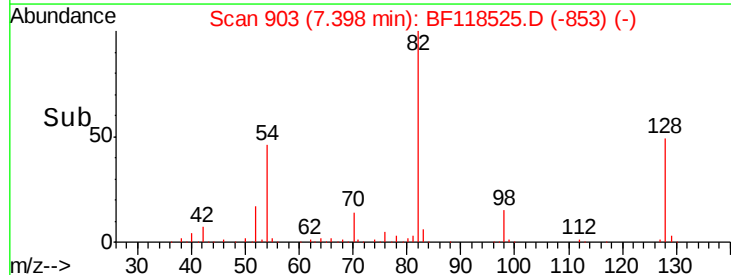


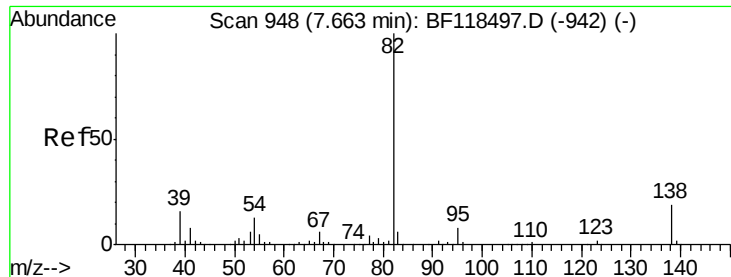
#23
Nitrobenzene-d5
Concen: 81.091 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118525.D
Acq: 10 Jan 2020 20:07

Tgt Ion:	82	Resp:	475618
Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.6	54.8
54	46.0	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: 50.617 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF118525.D

Acq: 10 Jan 2020 20:07

Instrument :

BNA_F

ClientSampleId :

6-HER-002-003-01

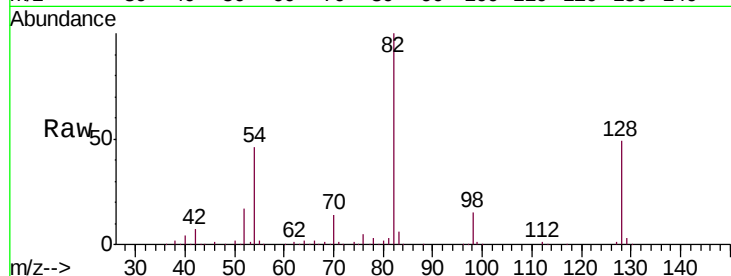
Tgt Ion: 82 Resp: 475614

Ion Ratio Lower Upper

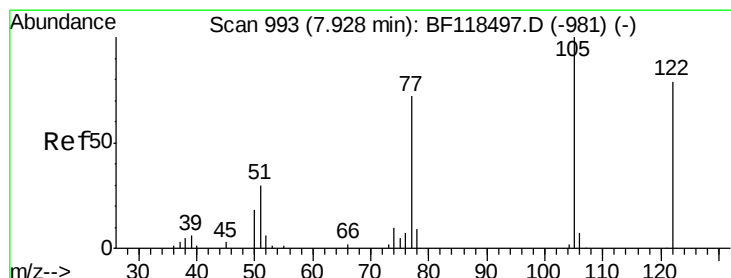
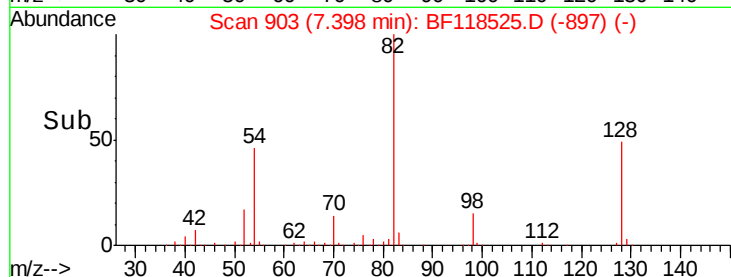
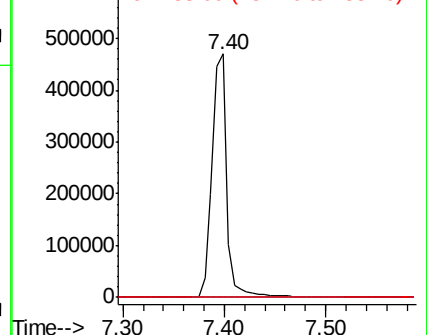
82 100

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): BF1



#32

Benzoic acid

Concen: 7.078 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.07 min

Lab File: BF118525.D

Acq: 10 Jan 2020 20:07

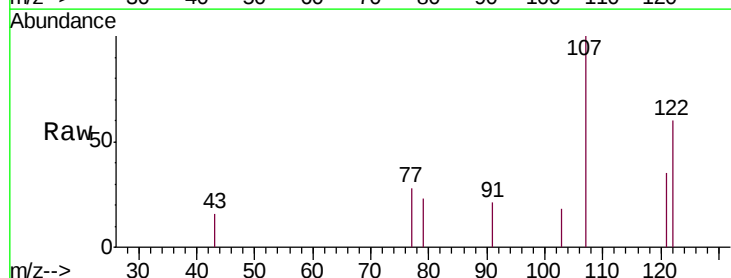
Tgt Ion: 122 Resp: 1839

Ion Ratio Lower Upper

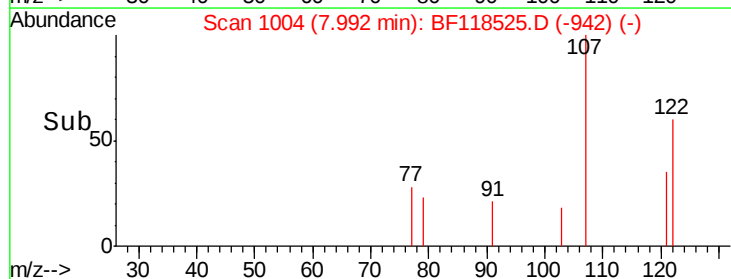
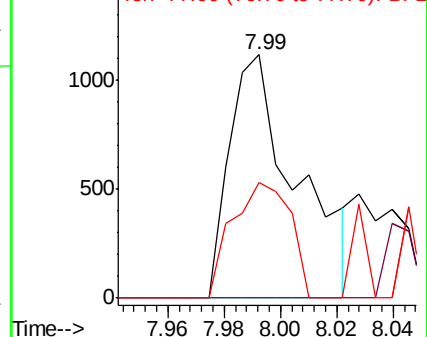
122 100

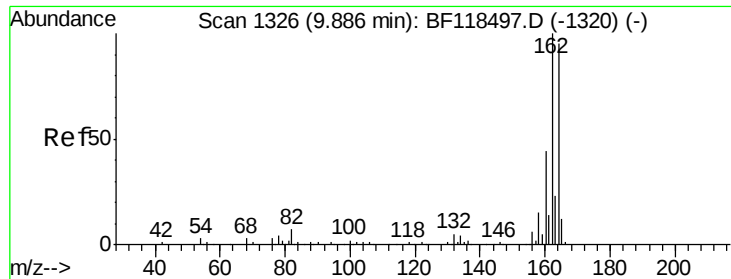
105 0.0 105.7 145.7#

77 47.3 71.0 111.0#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

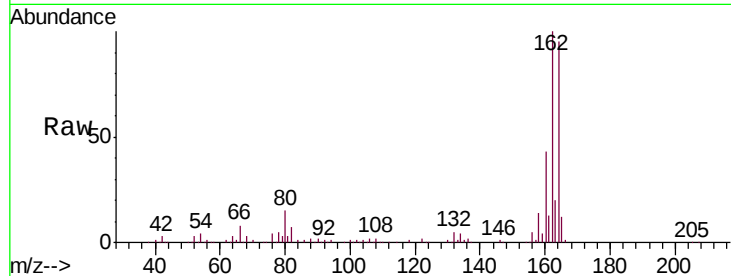




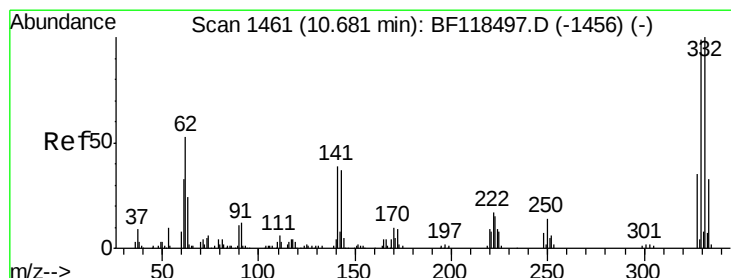
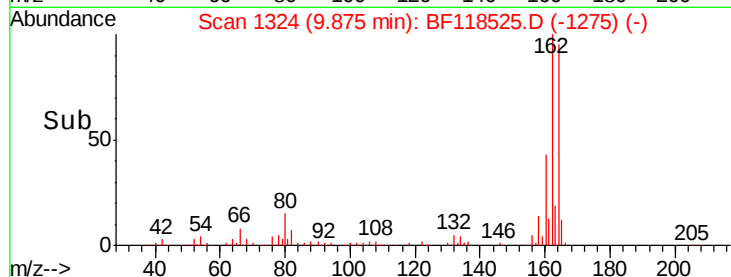
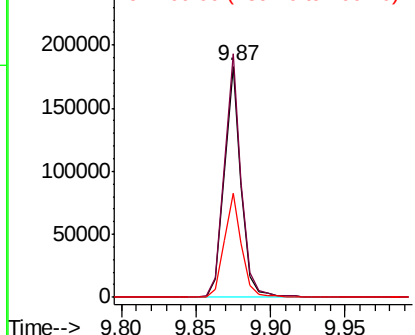
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Instrument :
 BNA_F
 ClientSampleId :
 6-HER-002-003-01

Tgt Ion:164 Resp: 146853
 Ion Ratio Lower Upper
 164 100
 162 105.5 84.2 126.4
 160 45.0 36.8 55.2

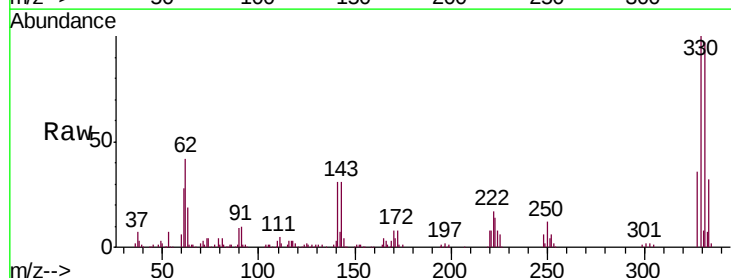


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

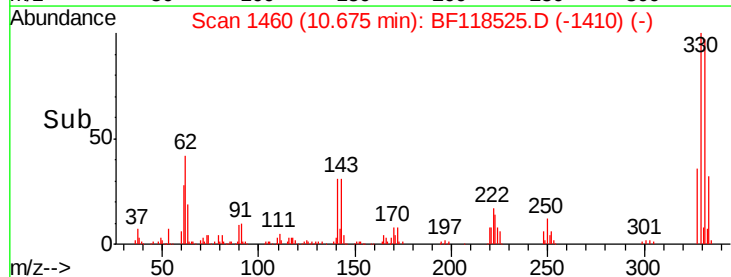
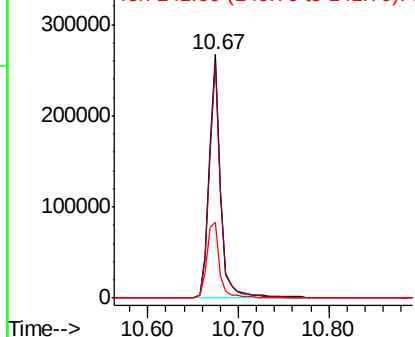


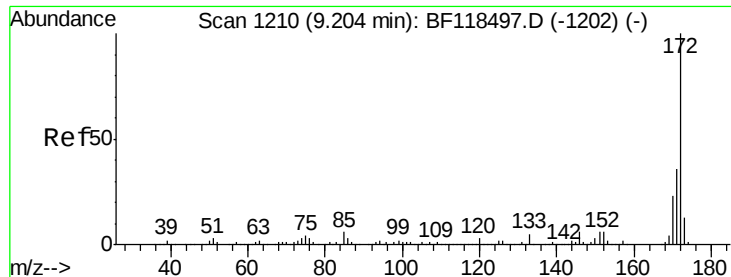
#42
 2,4,6-Tribromophenol
 Concen: 139.364 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Tgt Ion:330 Resp: 241495
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.9 116.9
 141 35.2 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

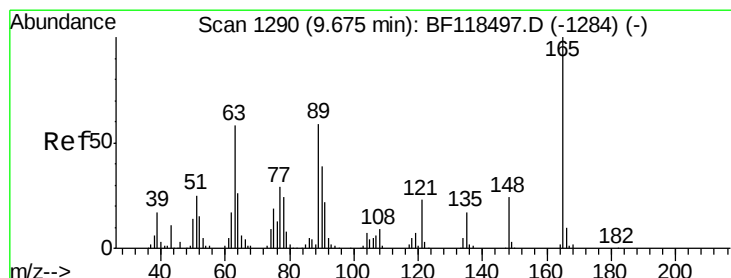
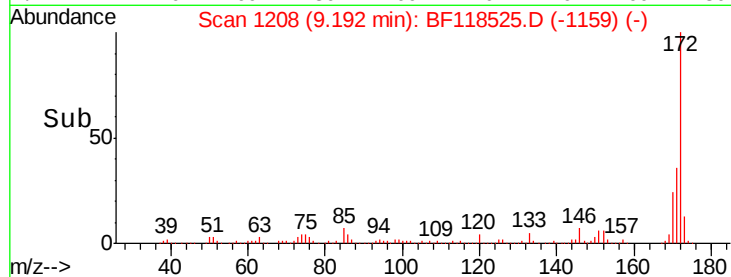
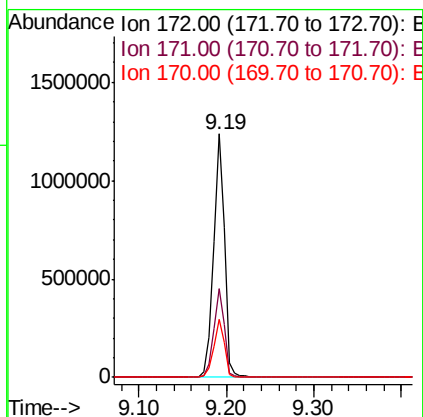
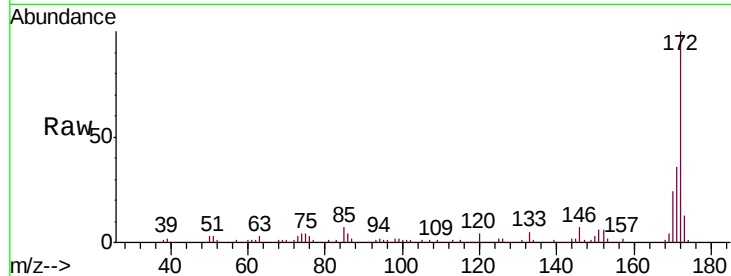




#45
 2-Fluorobiphenyl
 Concen: 105.671 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

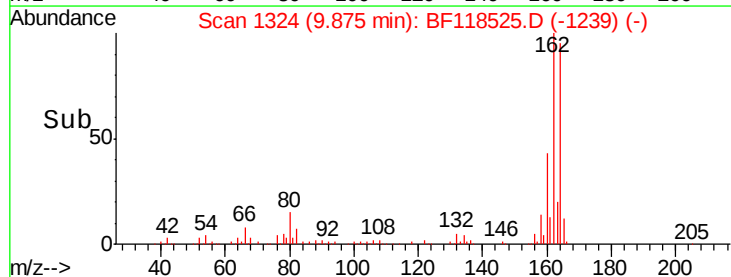
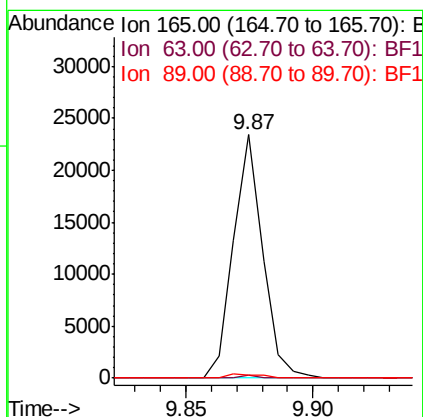
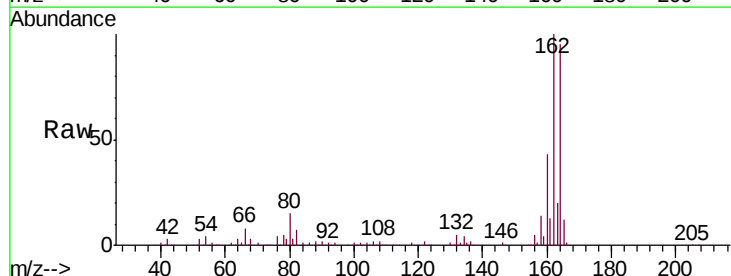
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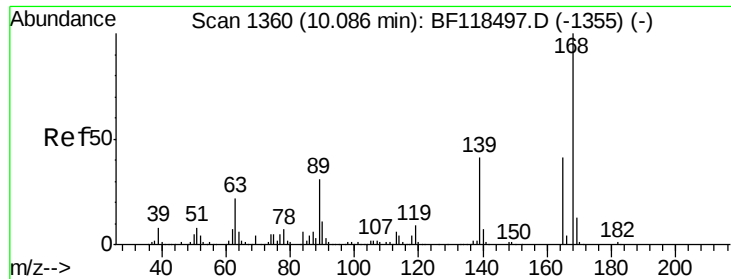
Tgt Ion:172 Resp: 1081998
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 23.6 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 7.767 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.20 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Tgt Ion:165 Resp: 18852
 Ion Ratio Lower Upper
 165 100
 63 1.4 46.6 70.0#
 89 1.5 47.5 71.3#

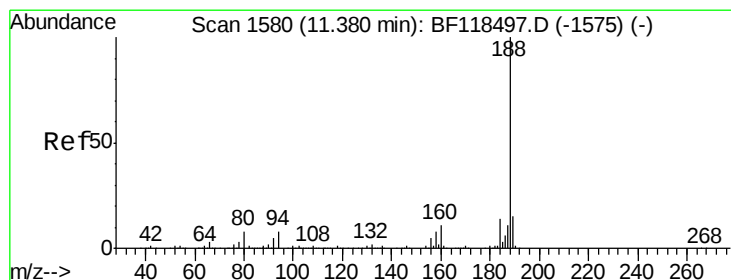
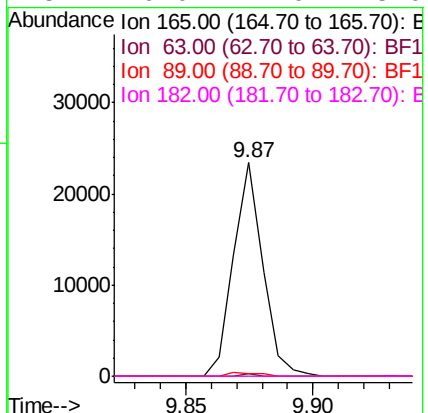
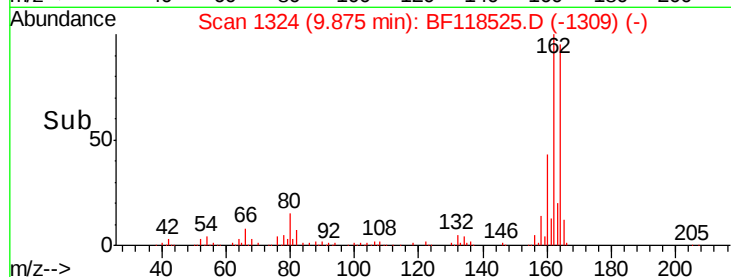
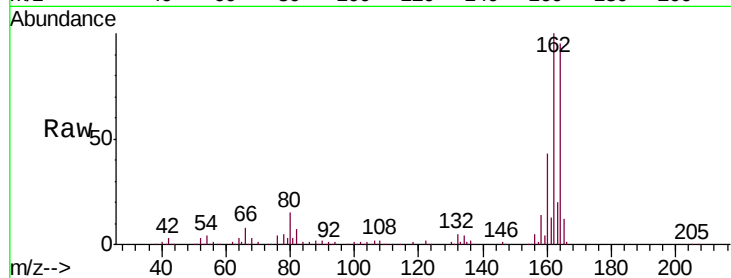




#57
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

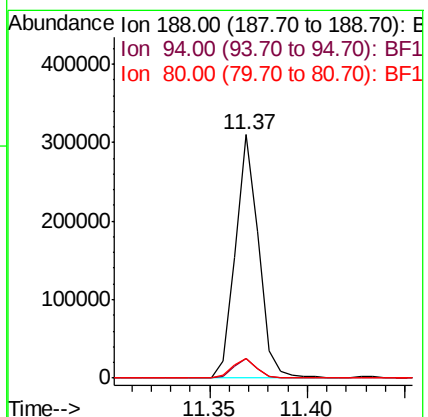
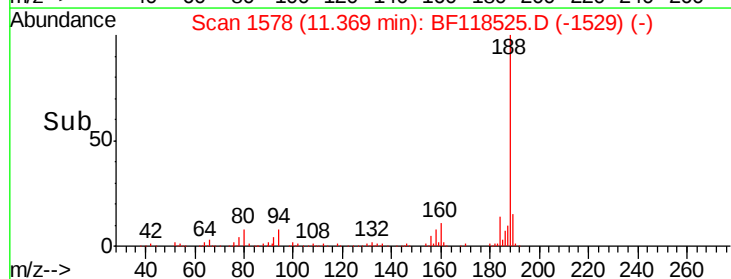
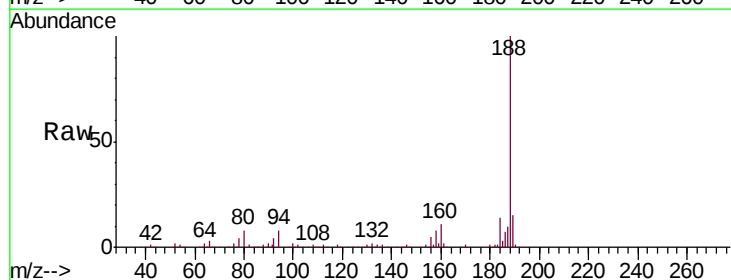
Instrument :
 BNA_F
 ClientSampleId :
 6-HER-002-003-01

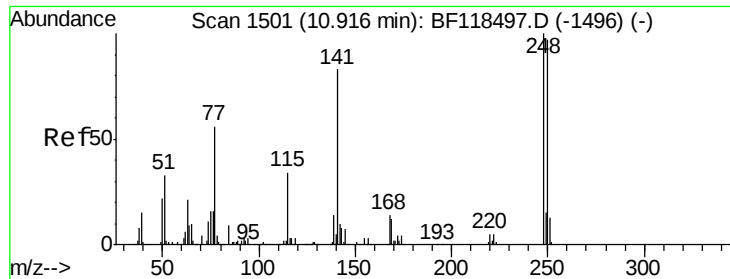
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.1	66.1#
89	1.5	60.4	90.6#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.2	6.6	10.0

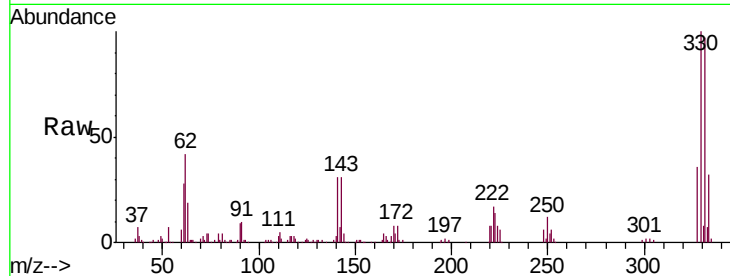




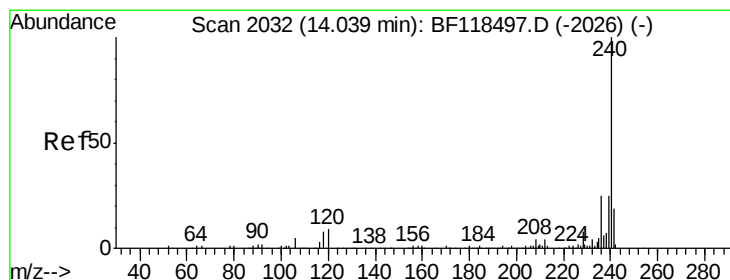
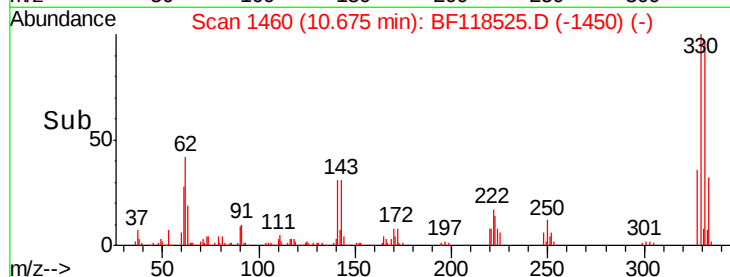
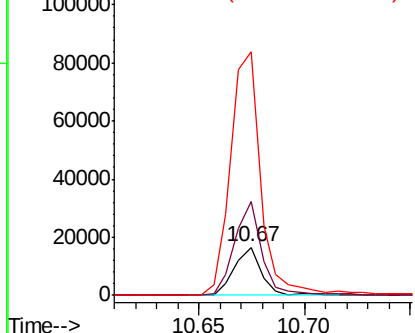
#67
 4-Bromophenyl-phenylether
 Concen: 4.880 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Instrument :
 BNA_F
 ClientSampleId :
 6-HER-002-003-01

Tgt Ion:248 Resp: 14662
 Ion Ratio Lower Upper
 248 100
 250 196.4 77.4 116.0#
 141 508.1 66.2 99.4#

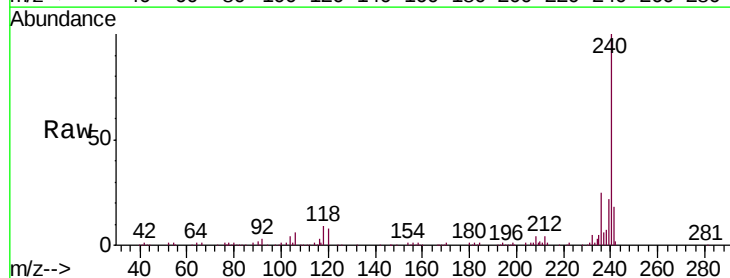


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

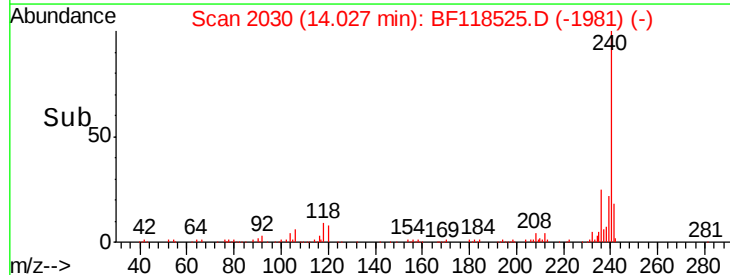
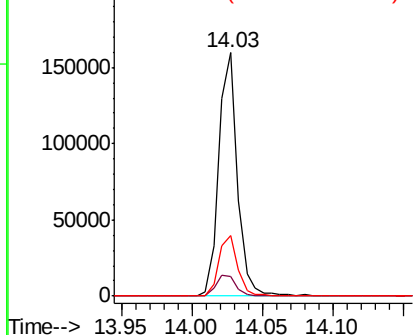


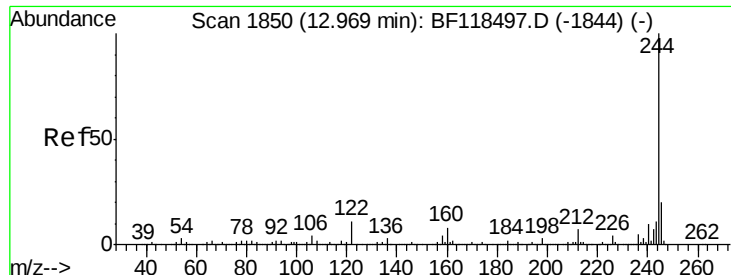
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Tgt Ion:240 Resp: 146262
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.0 10.6
 236 25.1 20.1 30.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

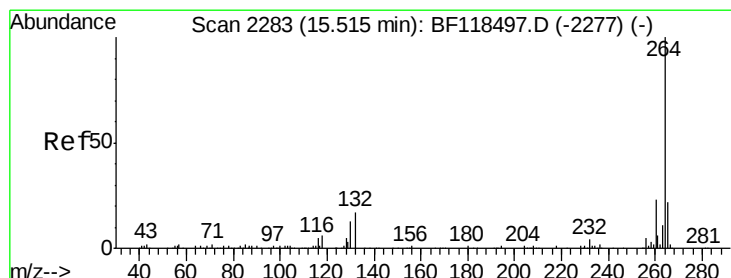
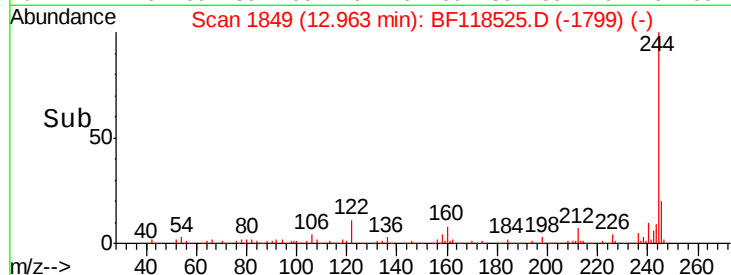
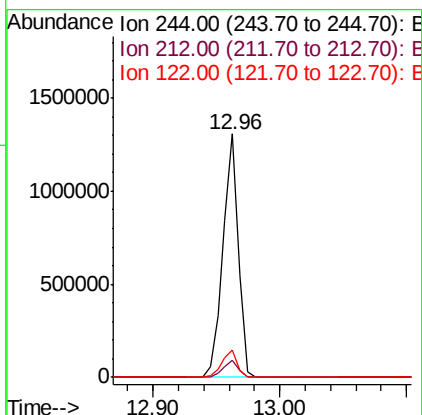
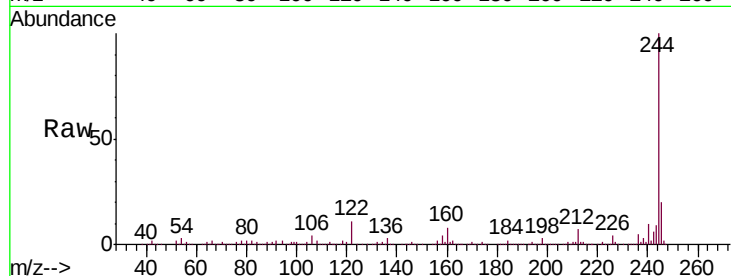




#79
 Terphenyl-d14
 Concen: 119.921 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Instrument :
 BNA_F
 ClientSampleId :
 6-HER-002-003-01

Tgt Ion:244 Resp: 1106843
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF118525.D
 Acq: 10 Jan 2020 20:07

Tgt Ion:264 Resp: 179498
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.8 28.2
 265 21.1 17.5 26.3

