

Data File : BF118522.D
Acq On : 10 Jan 2020 18:43
Operator : JU
Sample : L1060-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Jan 11 02:55:08 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

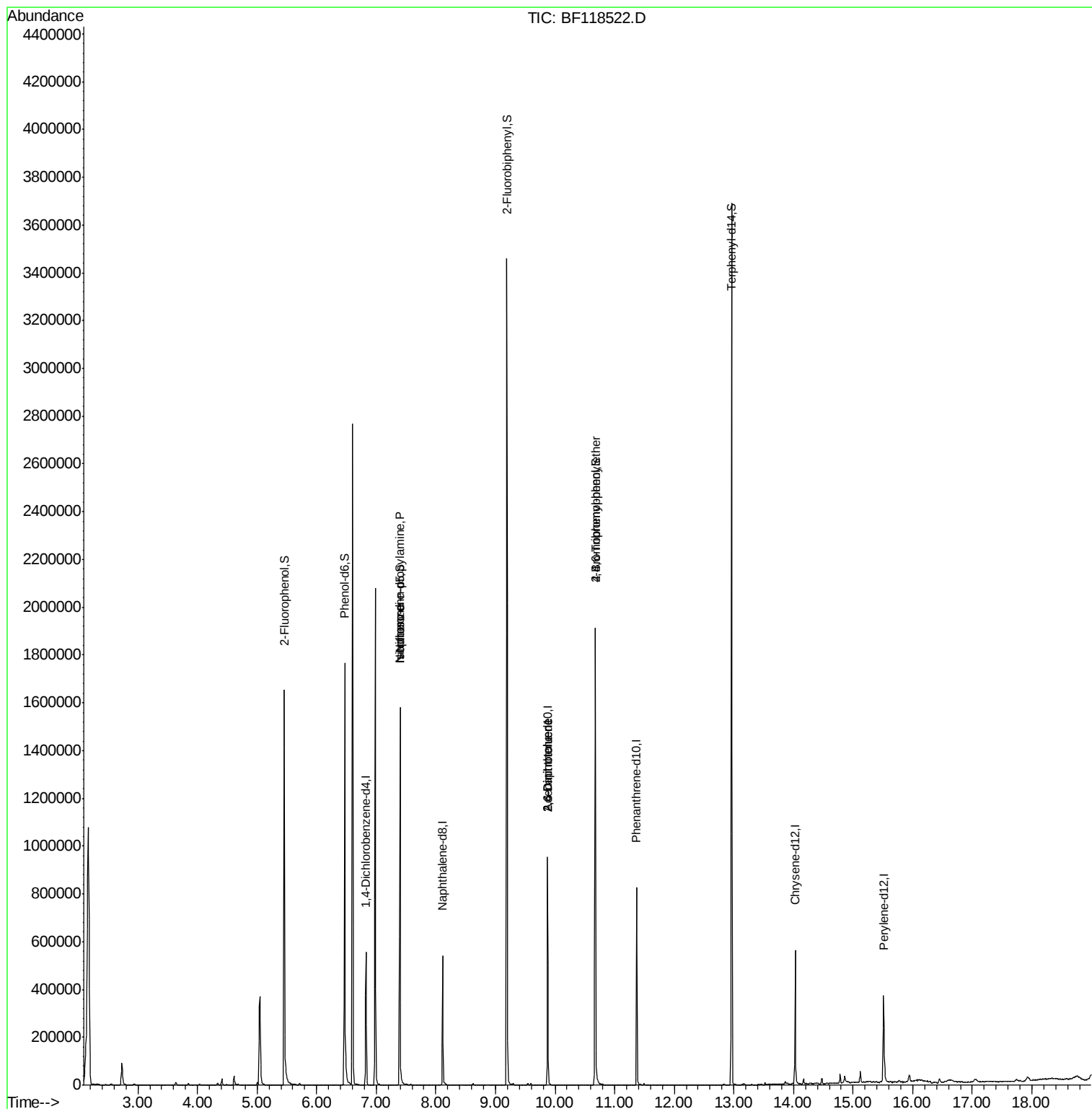
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81212	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	275916	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	180036	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	300925	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	179595	20.00	ng	-0.01
87) Perylene-d12	15.52	264	182697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	494311	100.48	ng	0.01
7) Phenol-d6	6.47	99	594799	101.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	510234	97.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	232503	109.44	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1004717	80.04	ng	-0.01
79) Terphenyl-d14	12.96	244	1193036	105.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	71500	18.874	ng	# 75
25) Isophorone	7.40	82	510231	60.637	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	23208	7.799	ng	# 24
57) 2,4-Dinitrotoluene	9.87	165	23208	5.825	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	14146	4.013	ng	# 1
77) Benzidine	12.96	184	17571	Below Cal		# 96

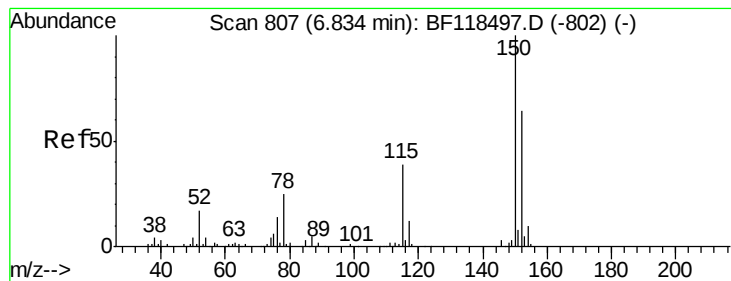
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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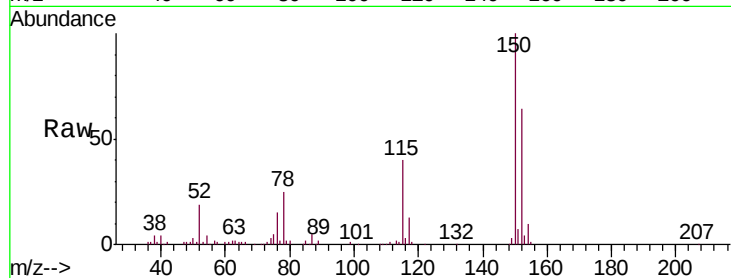


#1

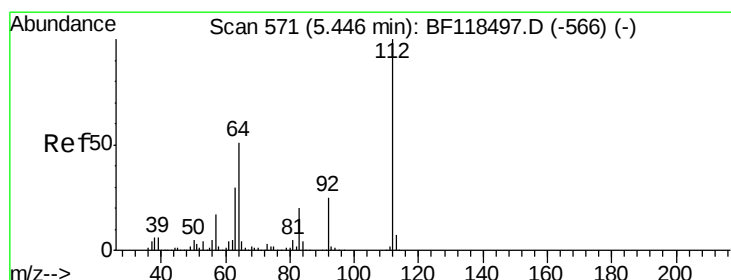
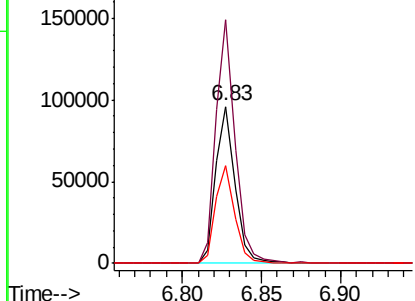
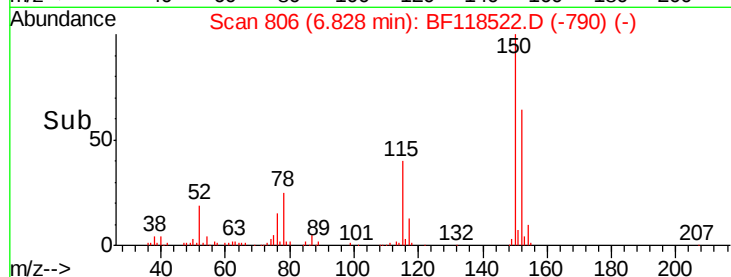
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 81212
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 62.3 49.0 73.6



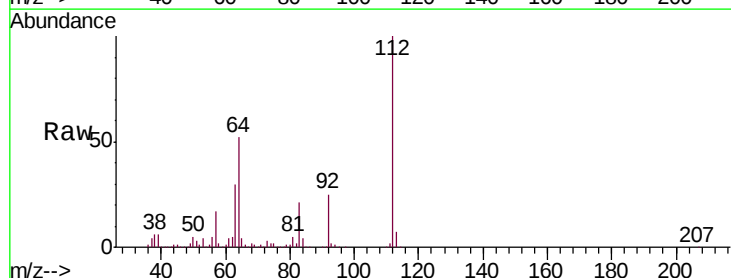
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



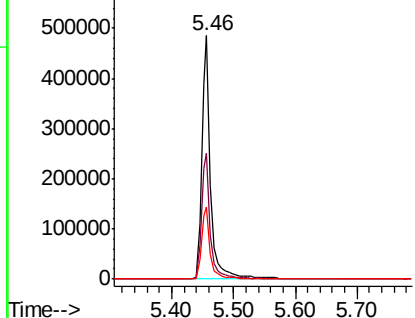
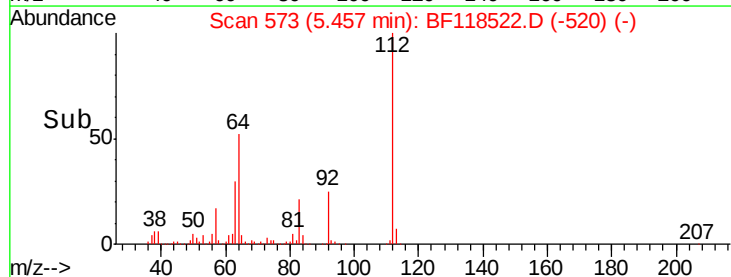
#5

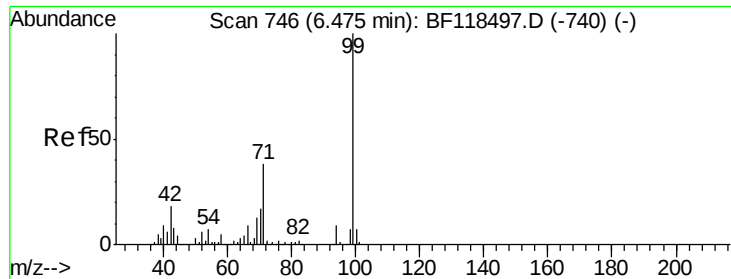
2-Fluorophenol
Concen: 100.476 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Tgt Ion:112 Resp: 494311
Ion Ratio Lower Upper
112 100
64 51.5 41.1 61.7
63 29.8 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: 101.125 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

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ClientSampleId :

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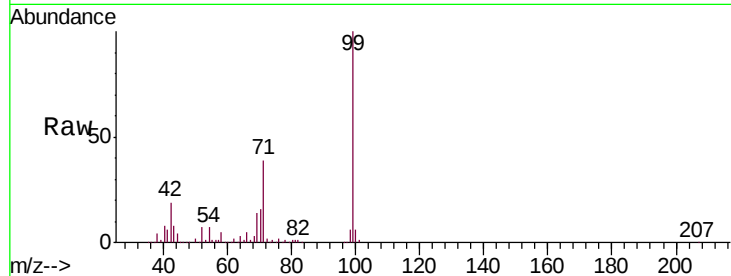
Tgt Ion: 99 Resp: 594799

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

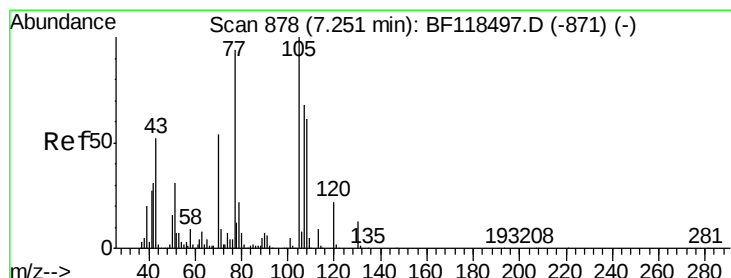
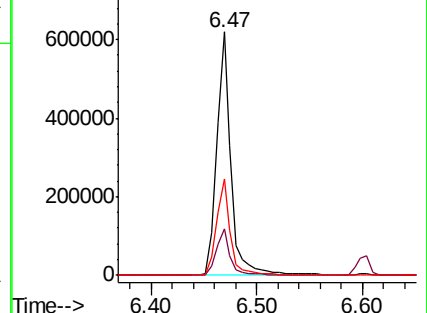
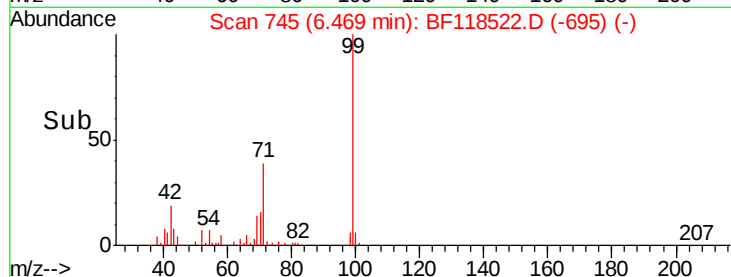
71 39.4 30.6 45.8



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: 18.874 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Tgt Ion: 70 Resp: 71500

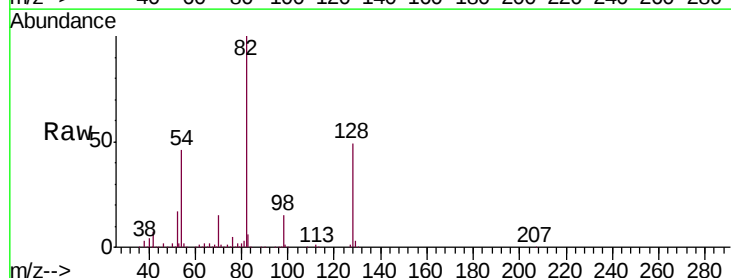
Ion Ratio Lower Upper

70 100

42 45.2 45.6 68.4#

101 0.0 8.2 12.2#

130 2.1 19.2 28.8#

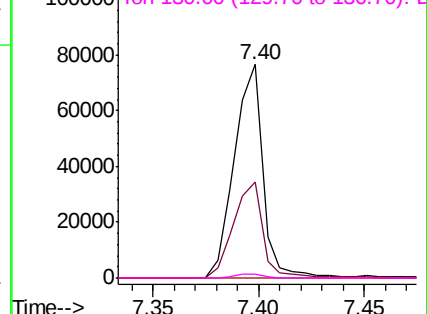
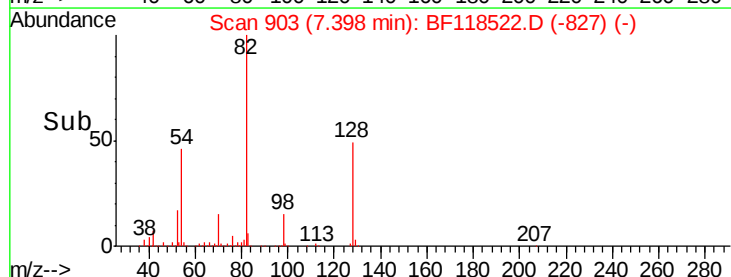


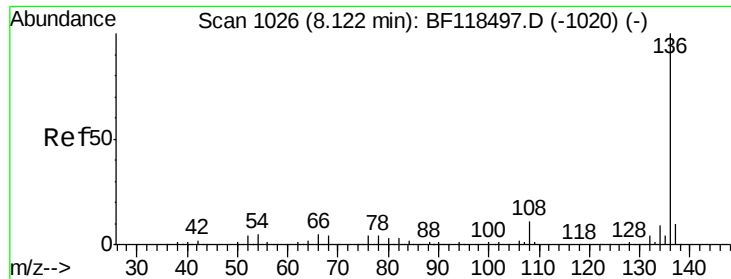
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

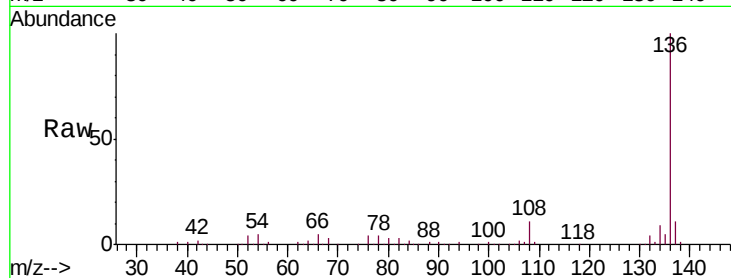




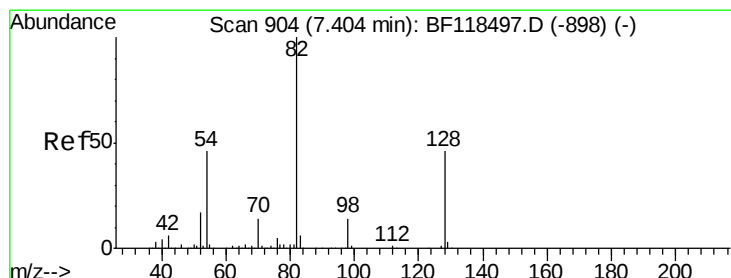
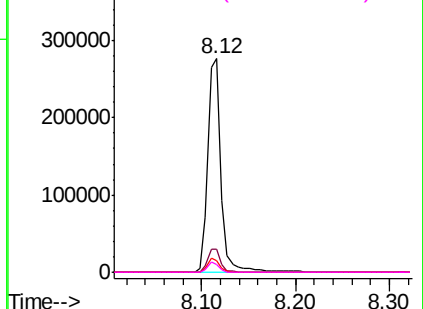
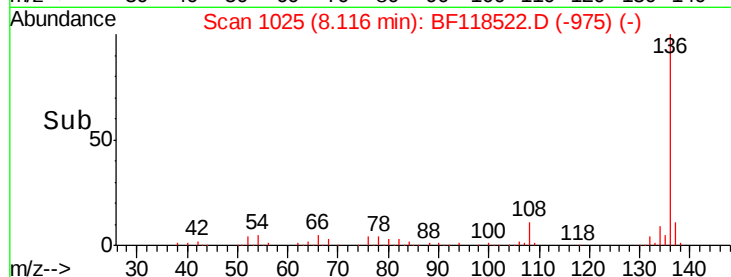
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

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Tgt Ion:136	Resp:	275916
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.3 12.5
54	5.2	4.2 6.2
68	3.5	3.3 4.9

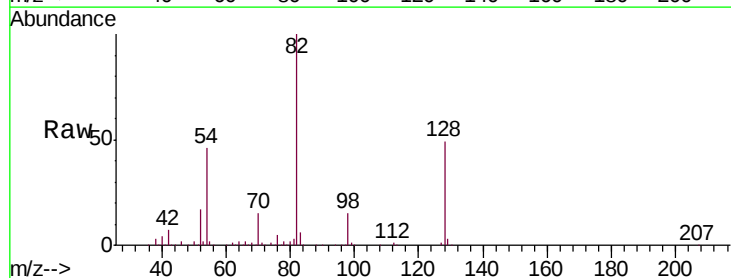


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

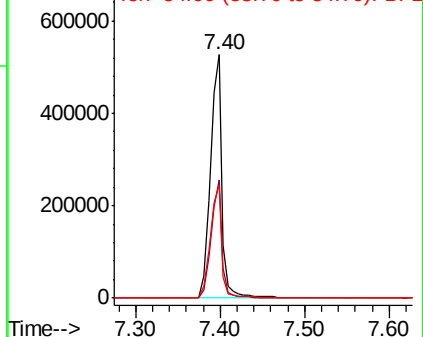
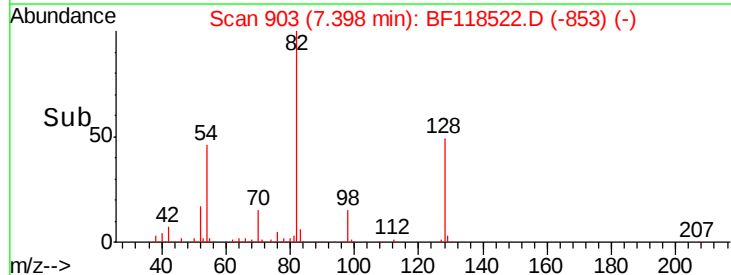


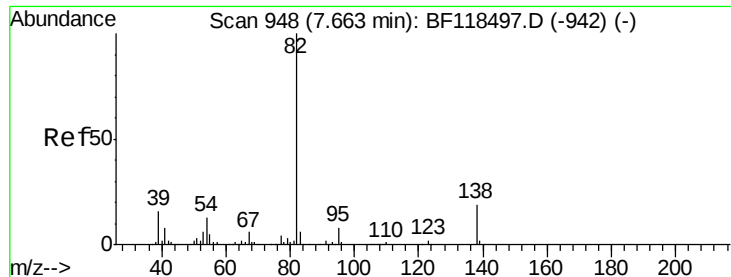
#23
Nitrobenzene-d5
Concen: 97.143 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Tgt Ion: 82	Resp:	510234
Ion	Ratio	Lower Upper
82	100	
128	48.8	36.6 54.8
54	46.5	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: 60.637 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Instrument :

BNA_F

ClientSampleId :

TP-3

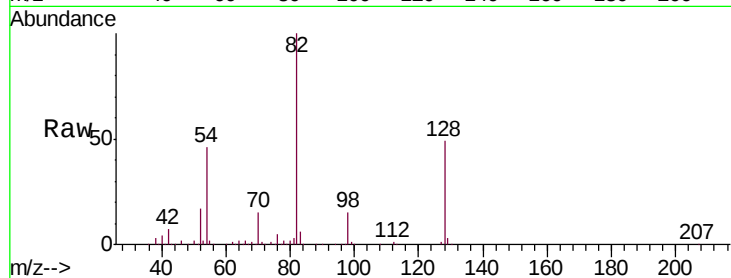
Tgt Ion: 82 Resp: 510231

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

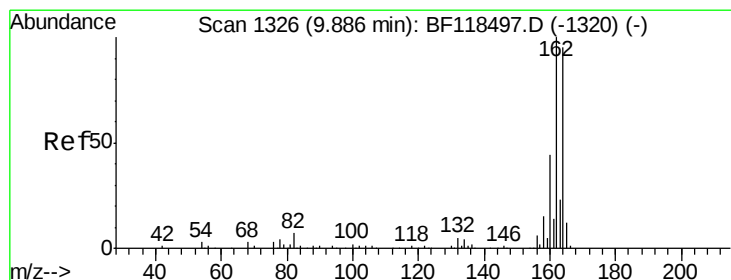
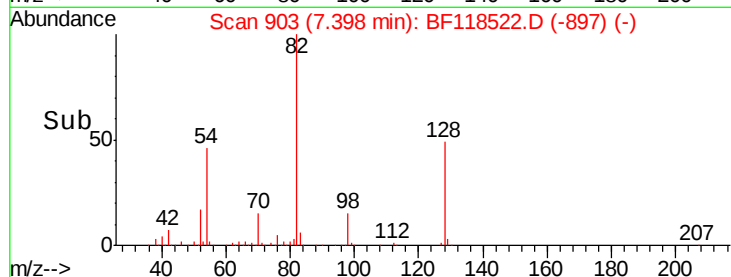
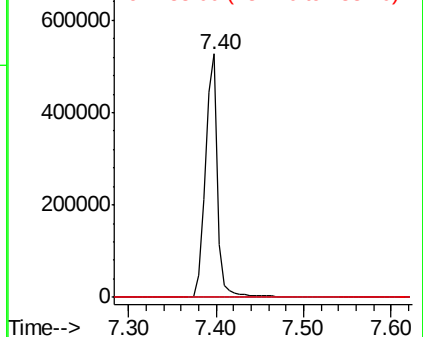
138 0.0 15.4 23.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

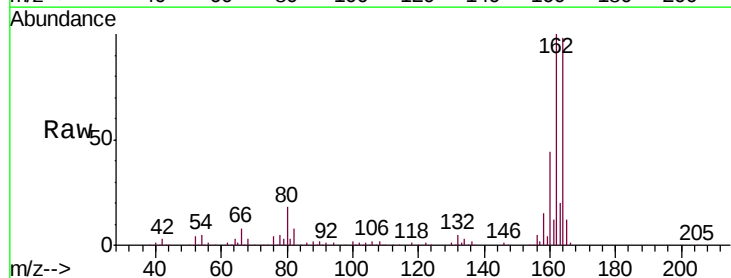
Tgt Ion: 164 Resp: 180036

Ion Ratio Lower Upper

164 100

162 102.4 84.2 126.4

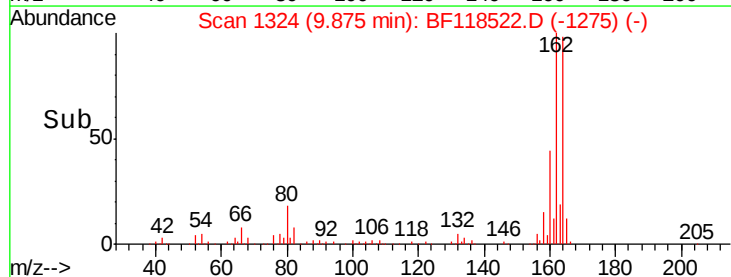
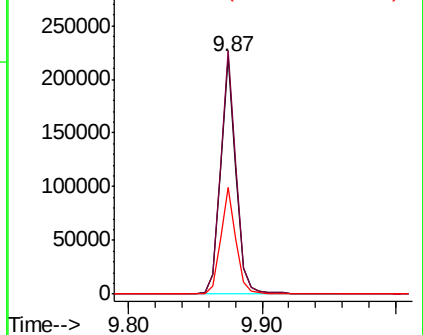
160 45.1 36.8 55.2

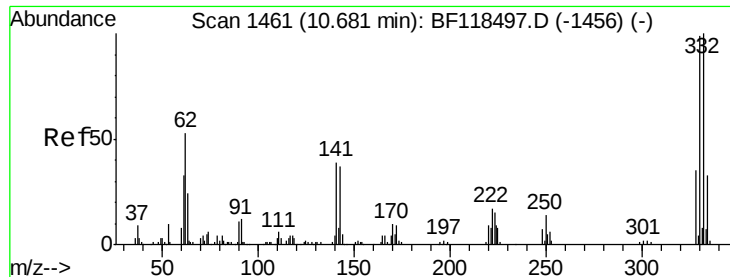


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

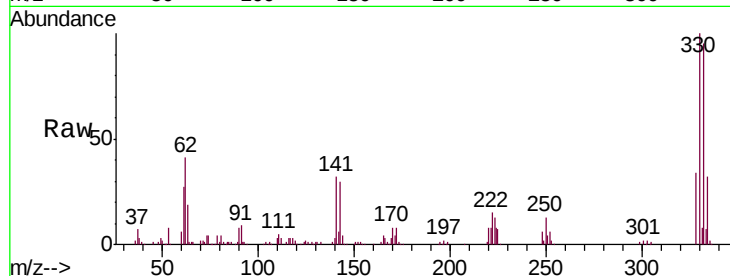




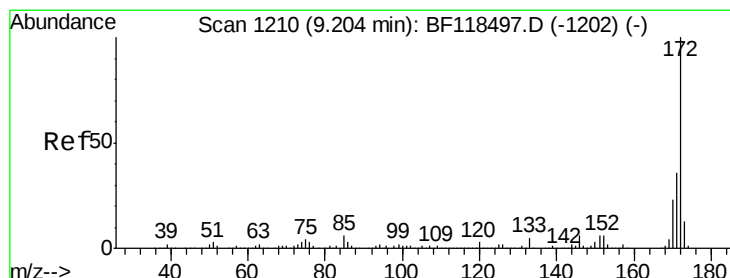
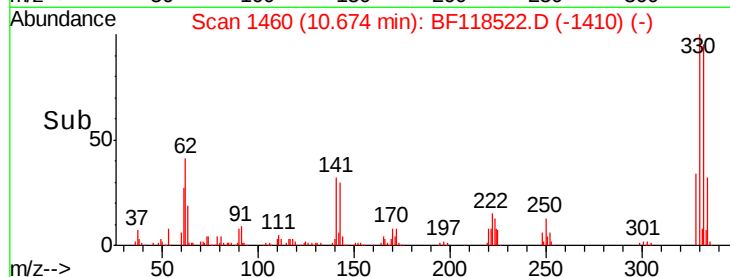
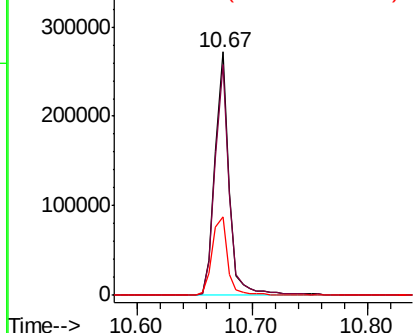
#42
 2,4,6-Tribromophenol
 Concen: 109.444 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118522.D
 Acq: 10 Jan 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.9	116.9
141	35.9	28.6	43.0

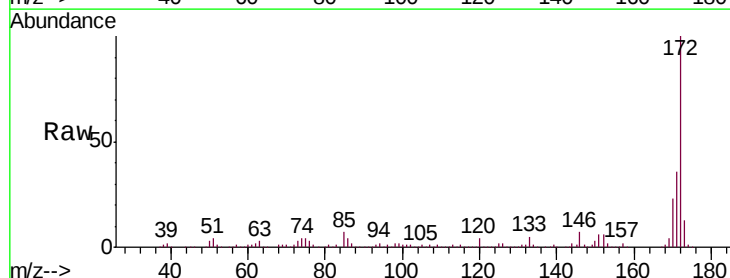


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

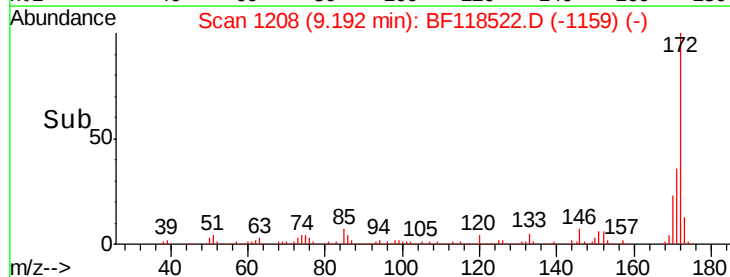
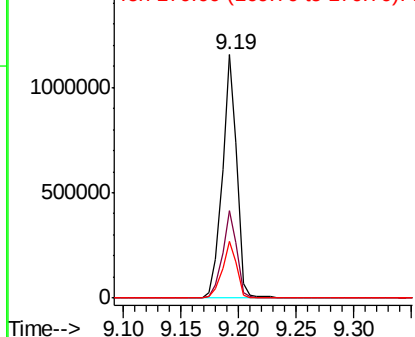


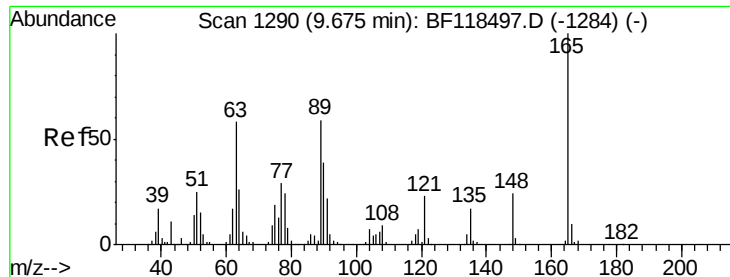
#45
 2-Fluorobiphenyl
 Concen: 80.038 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118522.D
 Acq: 10 Jan 2020 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.1	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: 7.799 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.20 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Instrument :

BNA_F

ClientSampleId :

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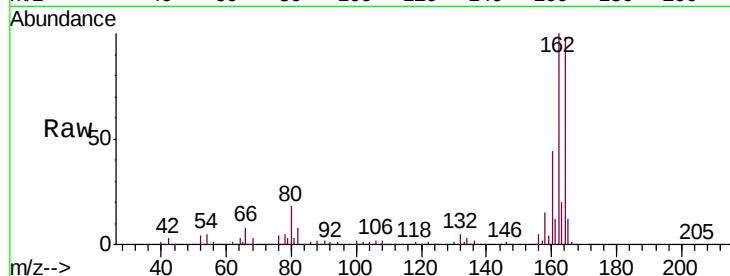
Tgt Ion:165 Resp: 23208

Ion Ratio Lower Upper

165 100

63 1.9 46.6 70.0#

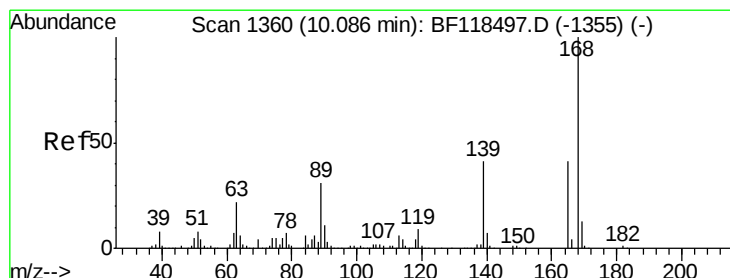
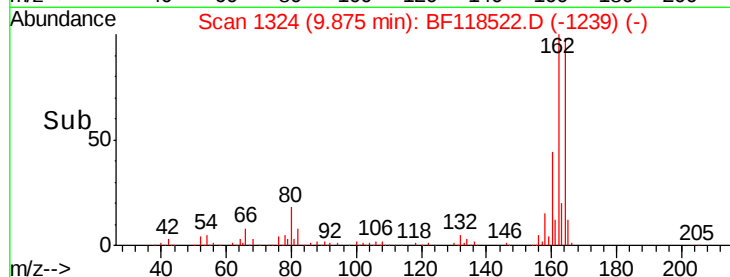
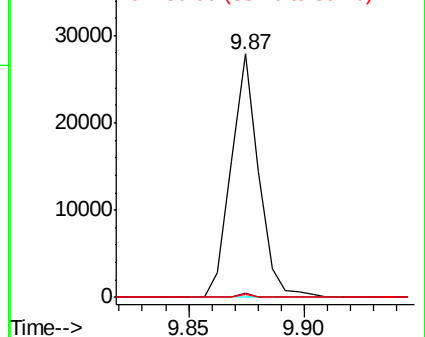
89 1.3 47.5 71.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.825 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Tgt Ion:165 Resp: 23208

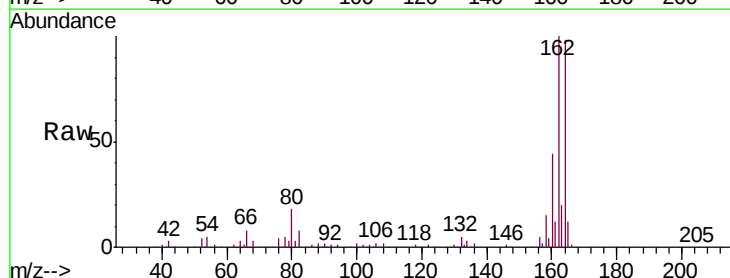
Ion Ratio Lower Upper

165 100

63 1.9 44.1 66.1#

89 1.3 60.4 90.6#

182 0.0 2.0 3.0#

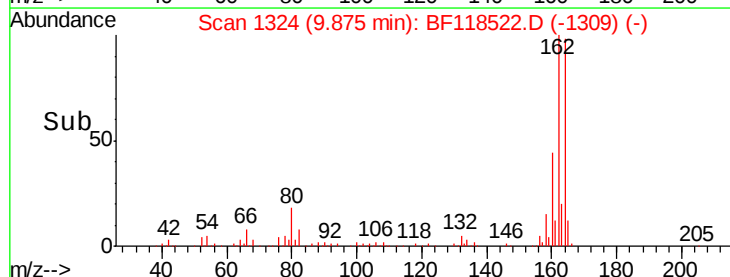
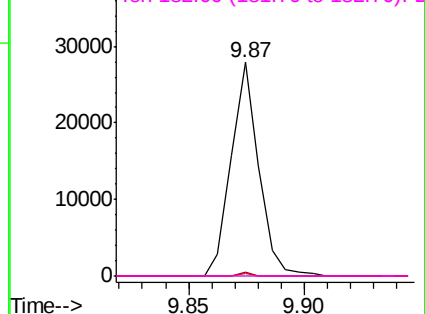


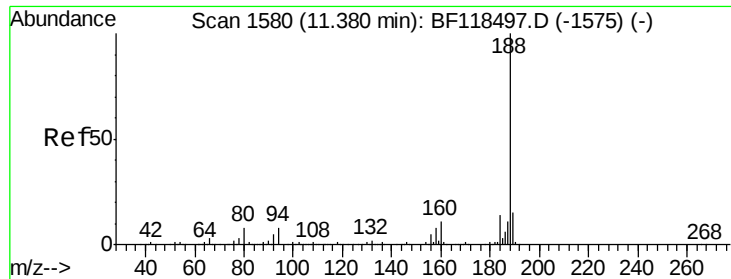
Abundance Ion 165.00 (164.70 to 165.70): E

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

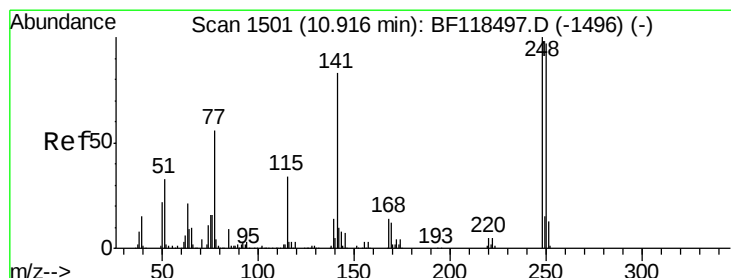
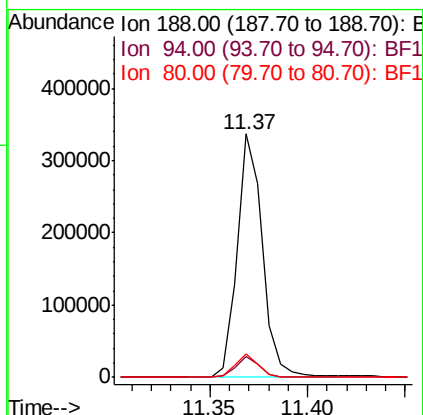
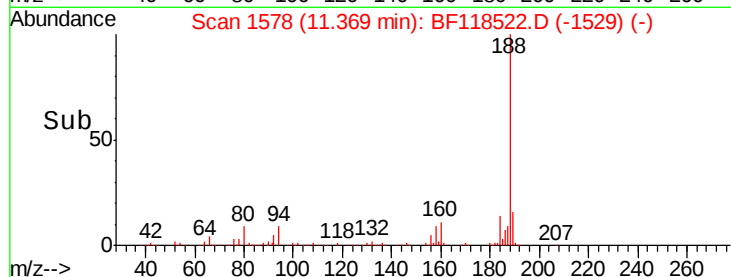
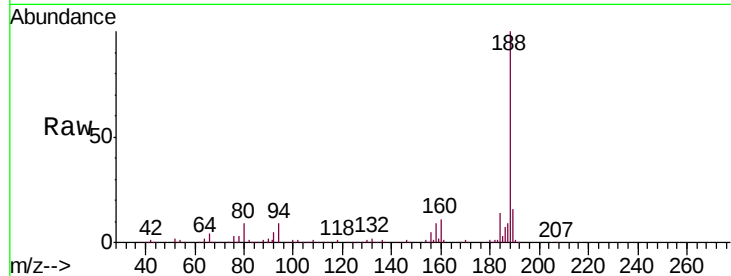




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

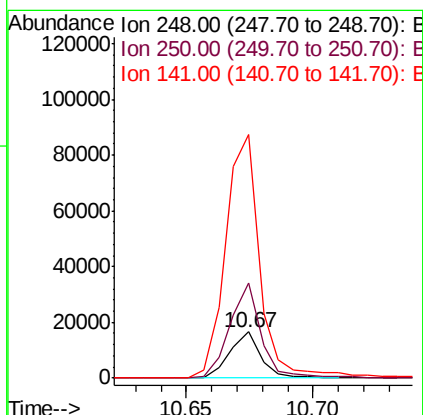
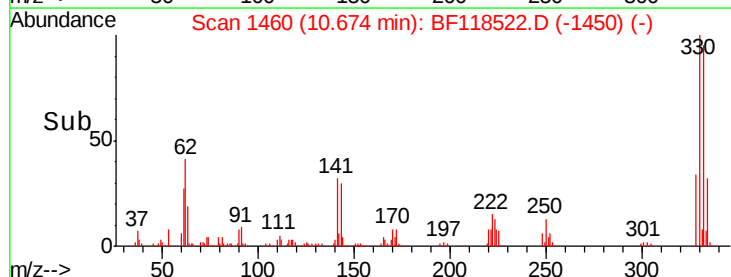
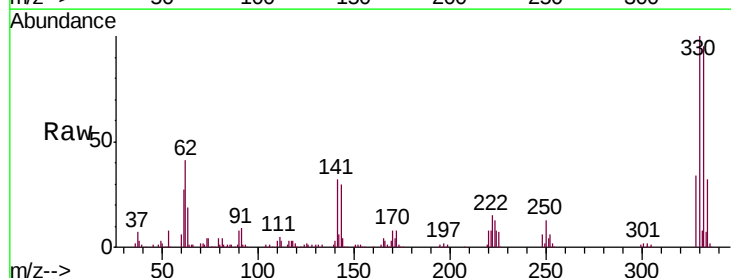
Instrument :
BNA_F
ClientSampleId :
TP-3

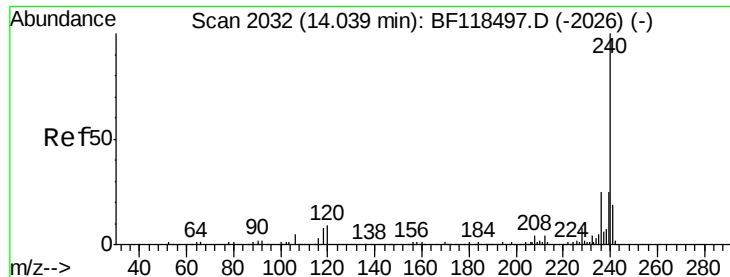
Tgt Ion:188 Resp: 300925
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.4
80 9.4 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.013 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Tgt Ion:248 Resp: 14146
Ion Ratio Lower Upper
248 100
250 206.9 77.4 116.0#
141 530.6 66.2 99.4#

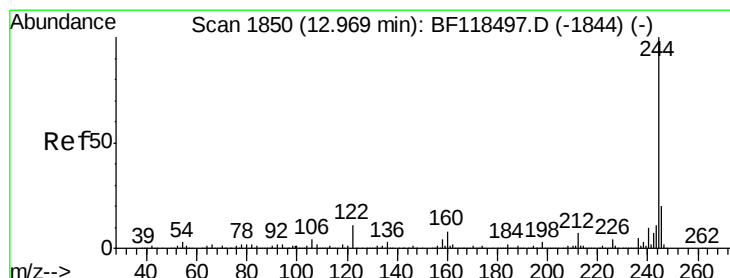
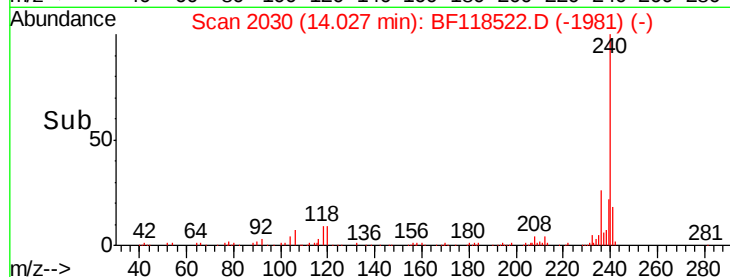
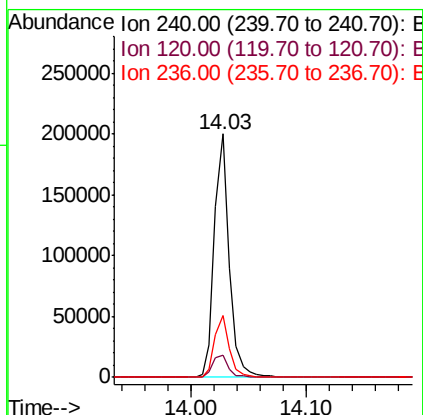
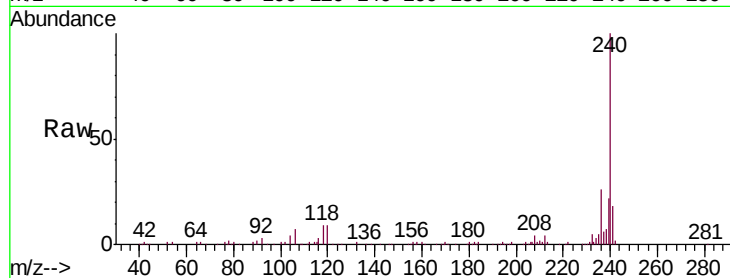




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

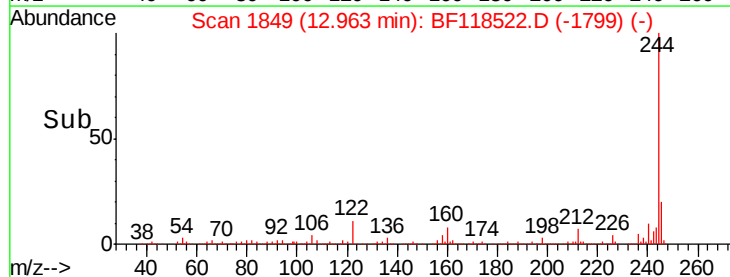
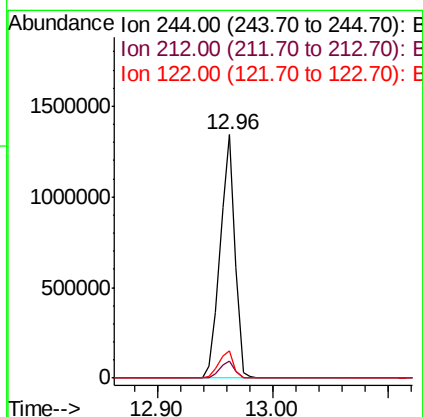
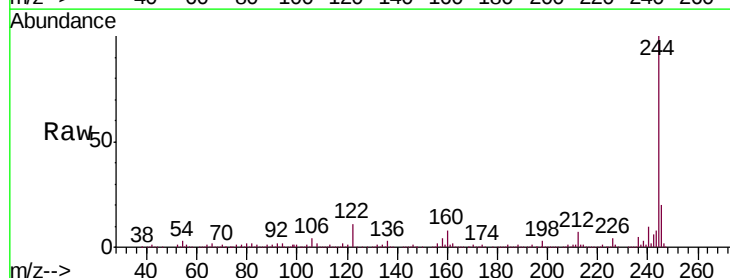
Instrument :
BNA_F
ClientSampleId :
TP-3

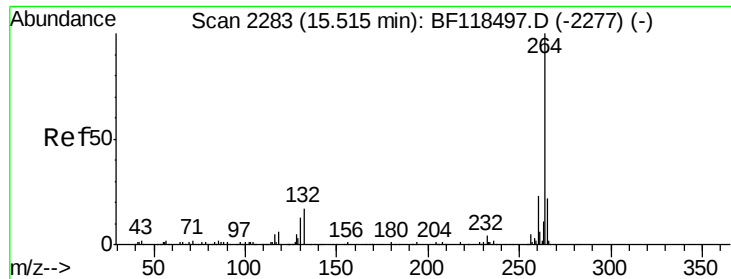
Tgt Ion:240 Resp: 179595
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.6 20.1 30.1



#79
Terphenyl-d14
Concen: 105.269 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Tgt Ion:244 Resp: 1193036
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.3 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: BF118522.D
Acq: 10 Jan 2020 18:43

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	20.5	17.5	26.3

