

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117738.D
 Acq On : 8 Nov 2019 18:30
 Operator : JU
 Sample : PB124647BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124647BL

Quant Time: Nov 09 01:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

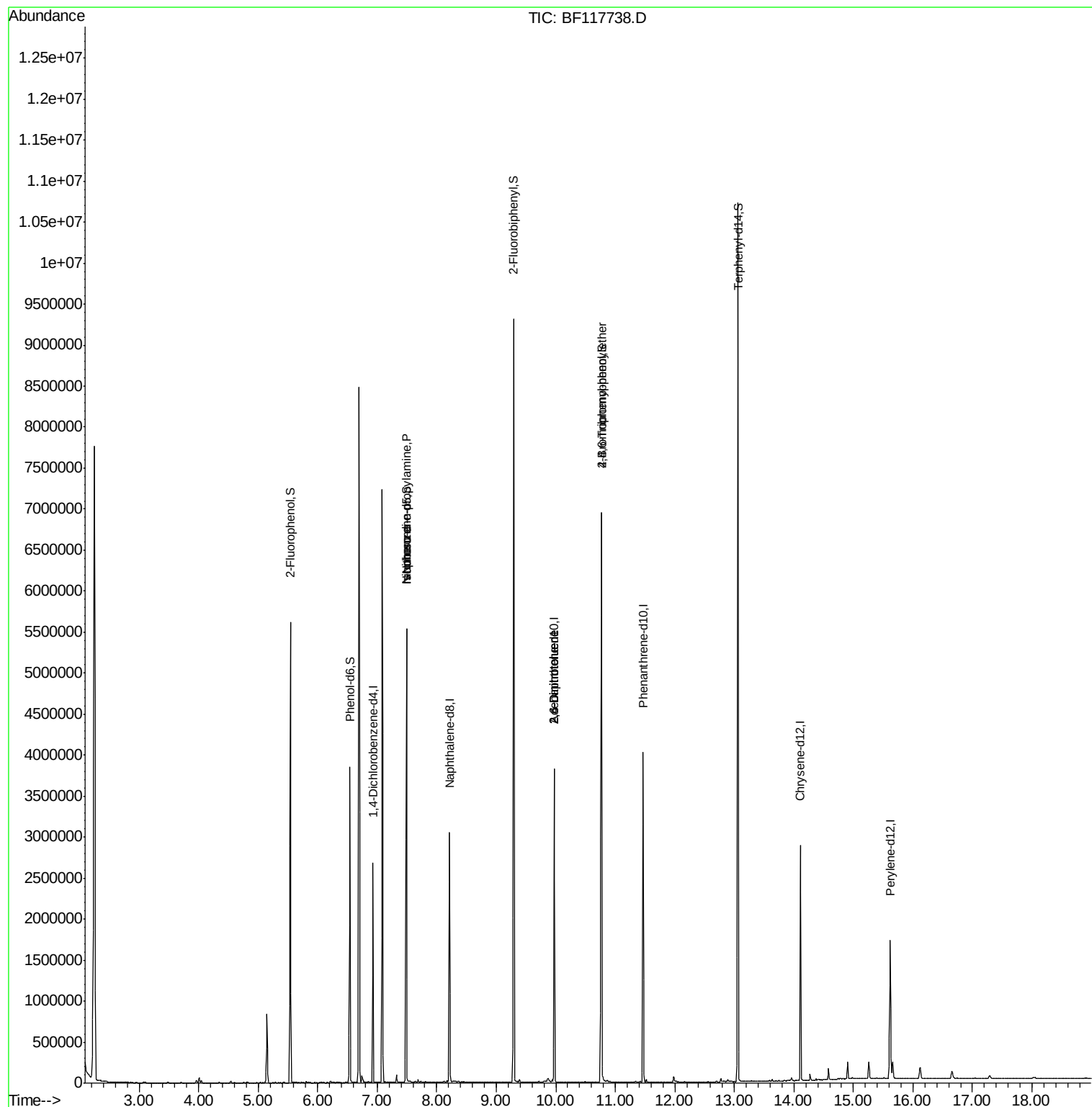
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	339711	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1351629	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	730839	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1389881	20.00	ng	0.00
76) Chrysene-d12	14.11	240	892197	20.00	ng	-0.02
87) Perylene-d12	15.62	264	830496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1621882	86.42	ng	0.00
7) Phenol-d6	6.55	99	1346949	58.21	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1868144	81.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	916937	128.26	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3184894	85.98	ng	0.00
79) Terphenyl-d14	13.06	244	4167593	96.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	259779	17.074	ng	# 75
25) Isophorone	7.49	82	1862745	42.541	ng	# 62
51) 2,6-Dinitrotoluene	9.97	165	94682	8.558	ng	# 24
57) 2,4-Dinitrotoluene	9.97	165	94682	6.671	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	58253	3.838	ng	# 1

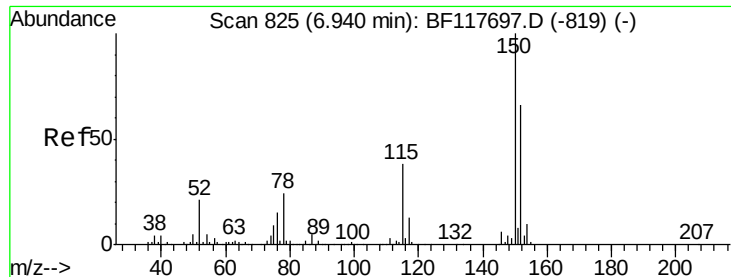
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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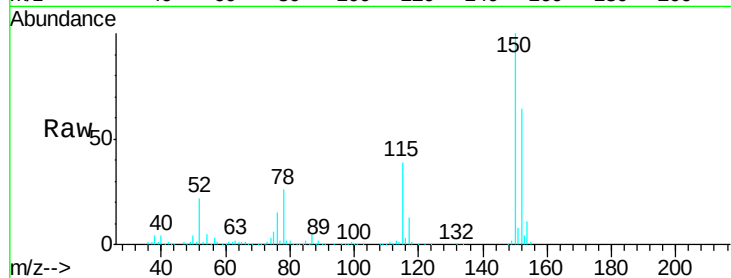


#1

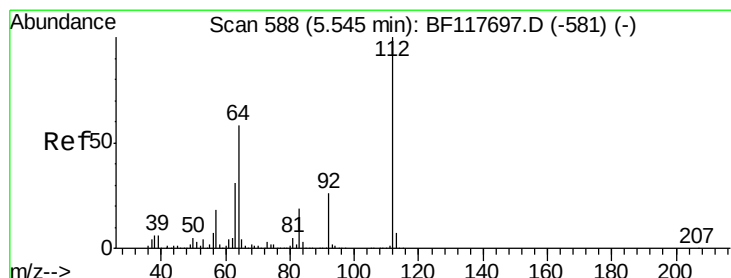
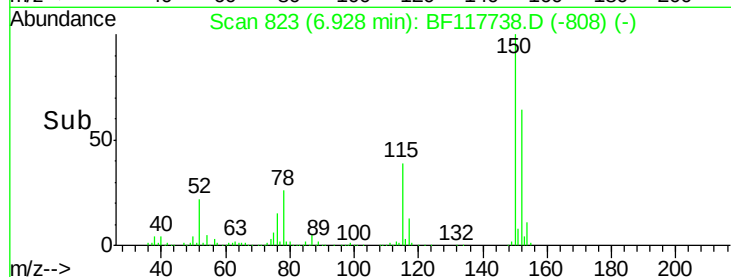
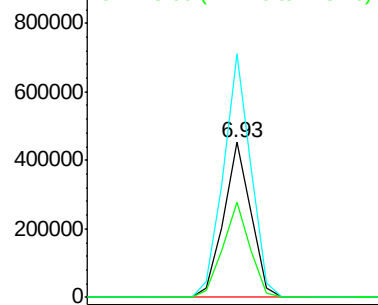
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117738.D
Acq: 8 Nov 2019 18:30

Instrument :
BNA_F
ClientSampleId :
PB124647BL

Tgt Ion:152 Resp: 339711
Ion Ratio Lower Upper
152 100
150 157.3 121.4 182.2
115 61.3 46.7 70.1



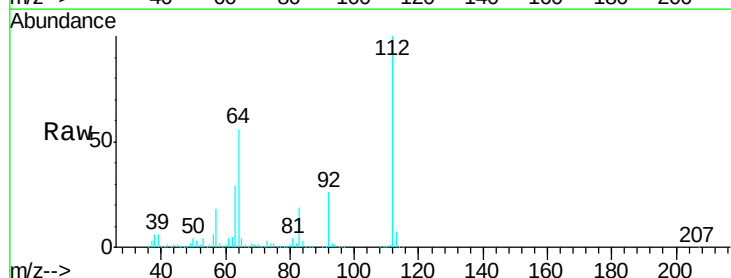
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



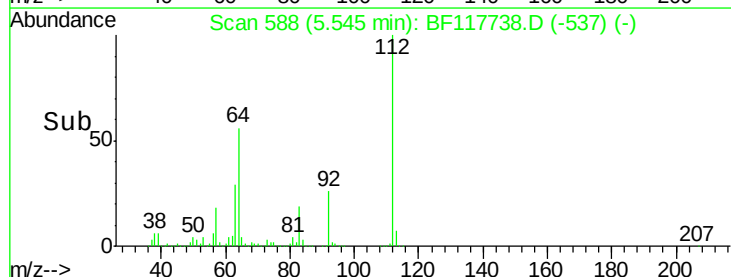
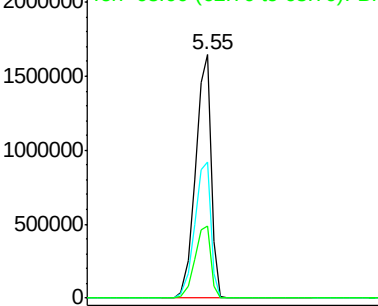
#5

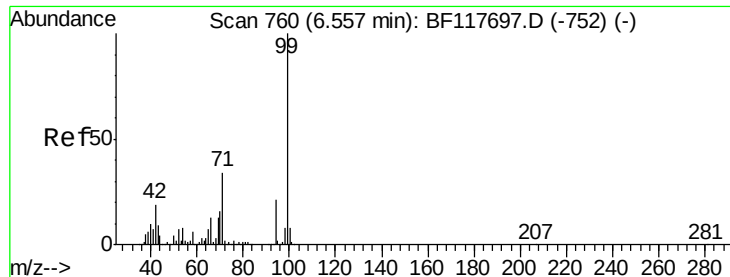
2-Fluorophenol
Concen: 86.422 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117738.D
Acq: 8 Nov 2019 18:30

Tgt Ion:112 Resp: 1621882
Ion Ratio Lower Upper
112 100
64 55.7 46.4 69.6
63 29.5 24.6 37.0



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: 58.208 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Instrument :

BNA_F

ClientSampleId :

PB124647BL

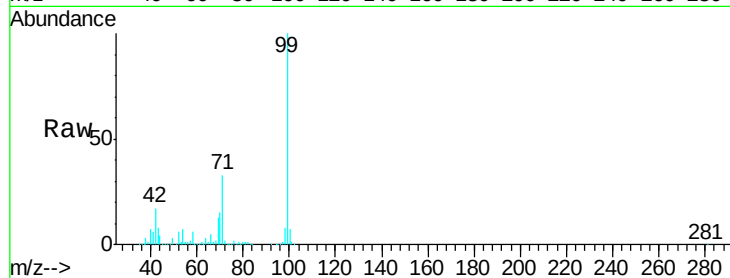
Tgt Ion: 99 Resp: 1346949

Ion Ratio Lower Upper

99 100

42 17.3 15.3 22.9

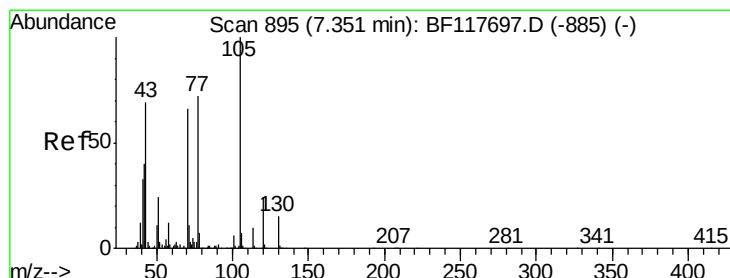
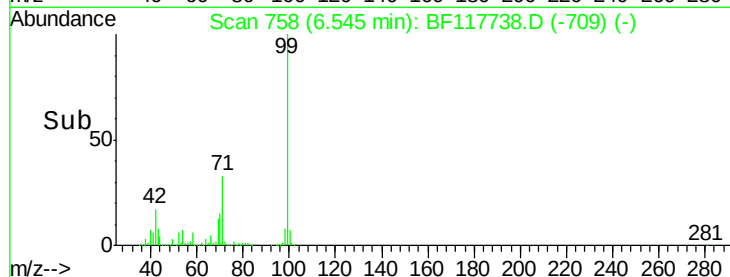
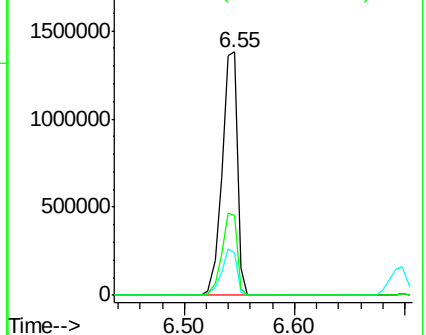
71 32.5 26.8 40.2



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: 17.074 ng

RT: 7.49 min Scan# 919

Delta R.T. 0.14 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Tgt Ion: 70 Resp: 259779

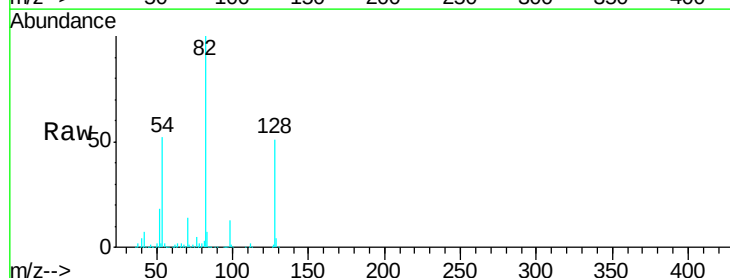
Ion Ratio Lower Upper

70 100

42 47.5 49.1 73.7#

101 0.0 7.8 11.8#

130 2.3 17.9 26.9#

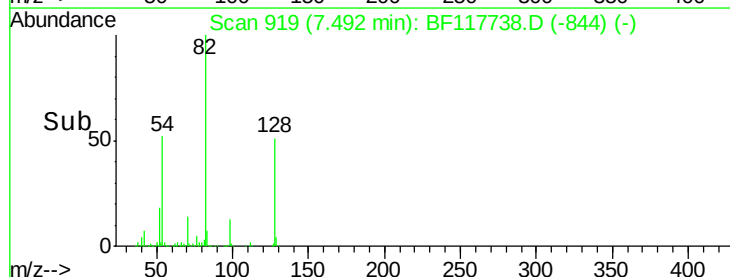
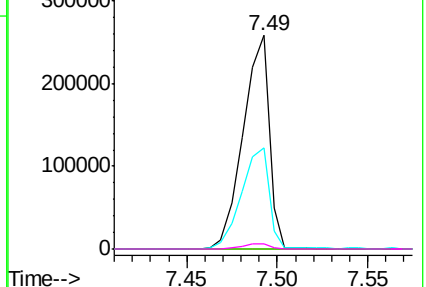


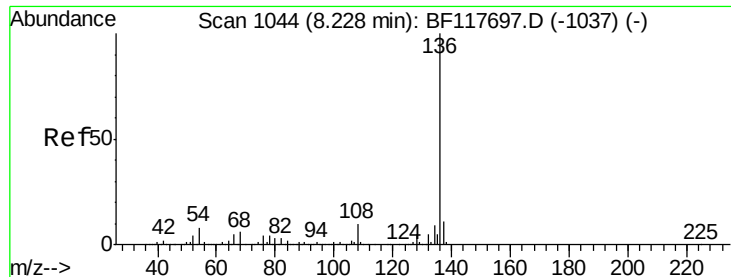
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

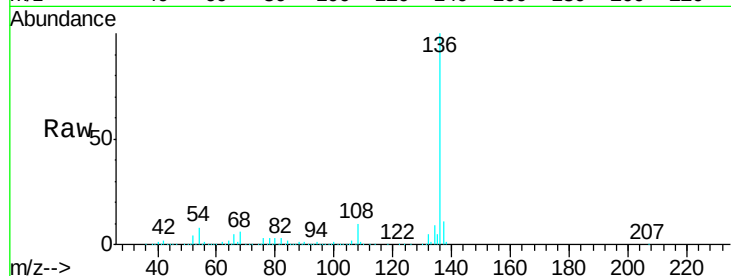




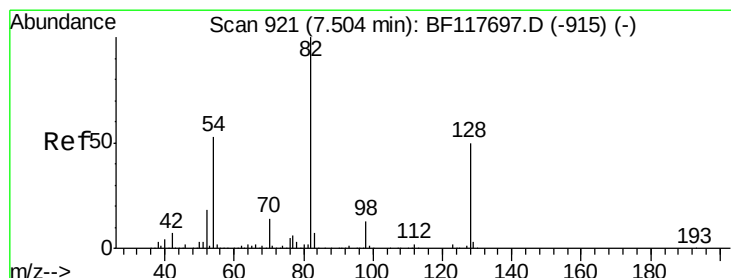
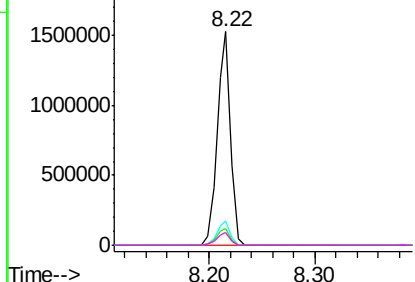
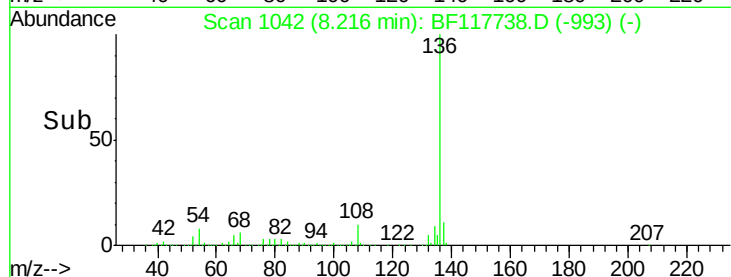
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117738.D
Acq: 8 Nov 2019 18:30

Instrument :
BNA_F
ClientSampleId :
PB124647BL

Tgt Ion:136 Resp: 1351629
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.0 9.0
68 5.7 4.8 7.2

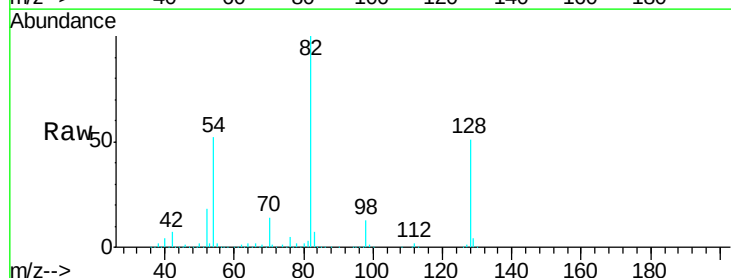


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

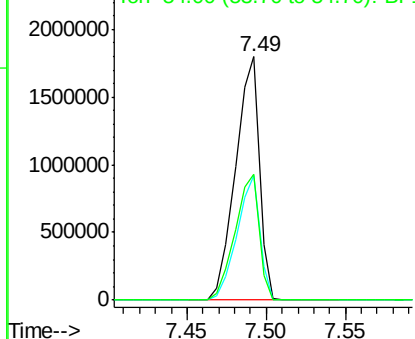
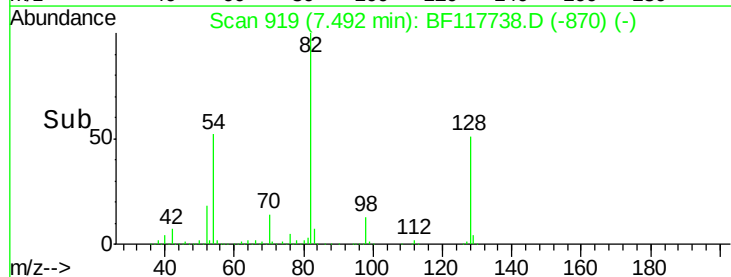


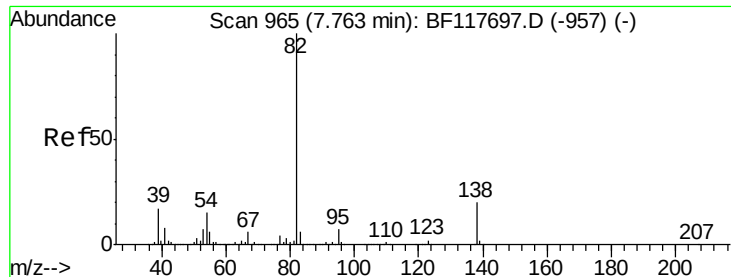
#23
Nitrobenzene-d5
Concen: 81.600 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117738.D
Acq: 8 Nov 2019 18:30

Tgt Ion: 82 Resp: 1868144
Ion Ratio Lower Upper
82 100
128 51.1 40.2 60.2
54 51.7 42.0 63.0



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: 42.541 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.27 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Instrument :

BNA_F

ClientSampleId :

PB124647BL

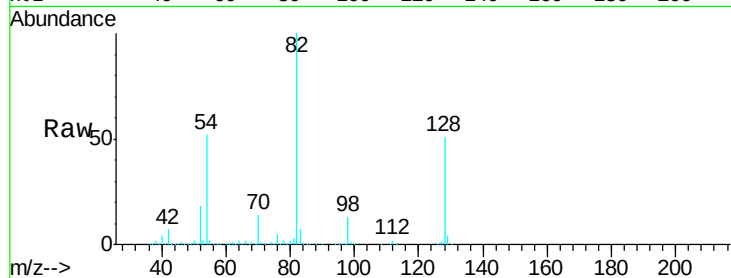
Tgt Ion: 82 Resp: 1862745

Ion Ratio Lower Upper

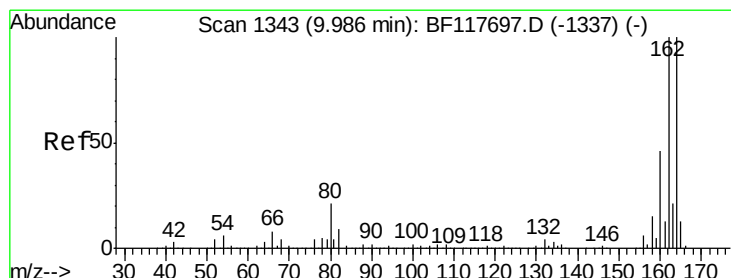
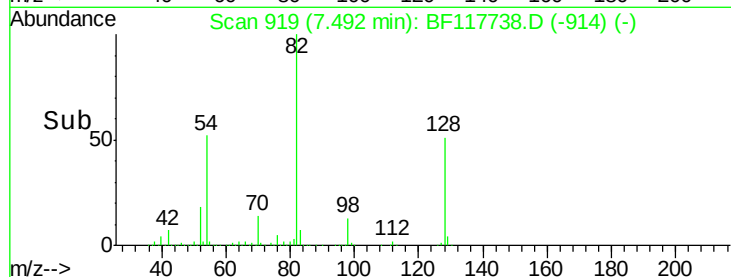
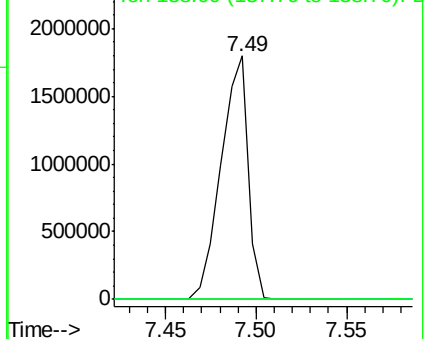
82 100

95 0.0 5.8 8.6#

138 0.0 16.2 24.2#



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

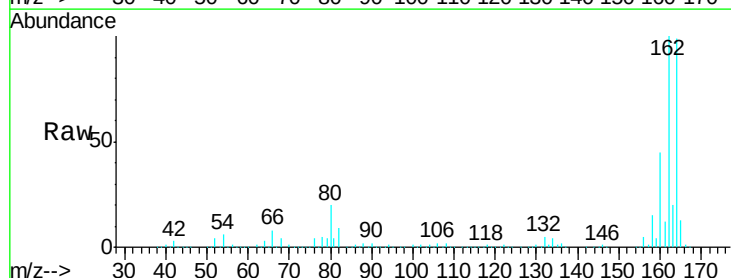
Tgt Ion: 164 Resp: 730839

Ion Ratio Lower Upper

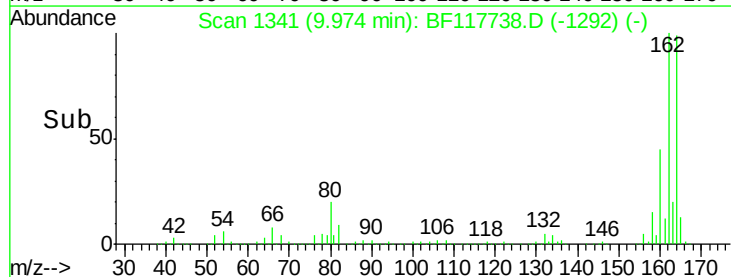
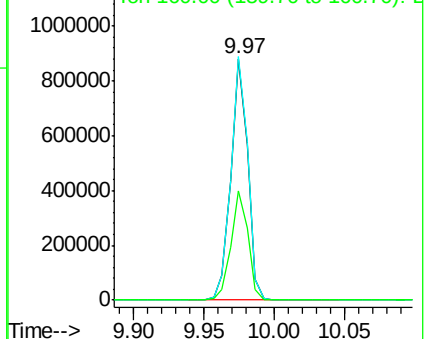
164 100

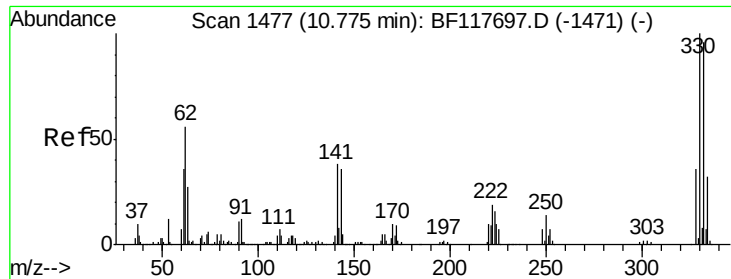
162 100.8 79.7 119.5

160 45.2 36.5 54.7



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

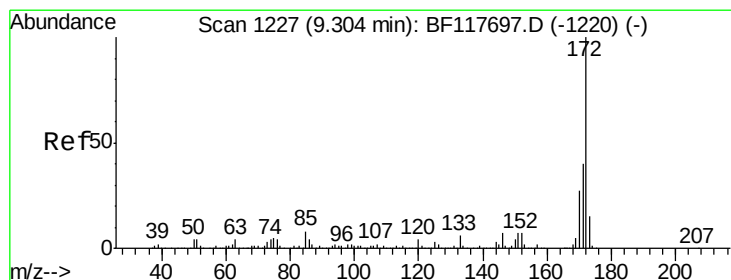
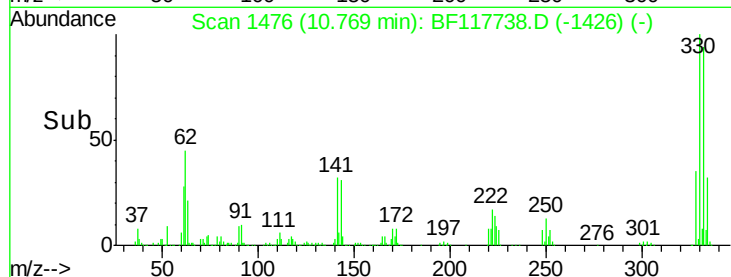
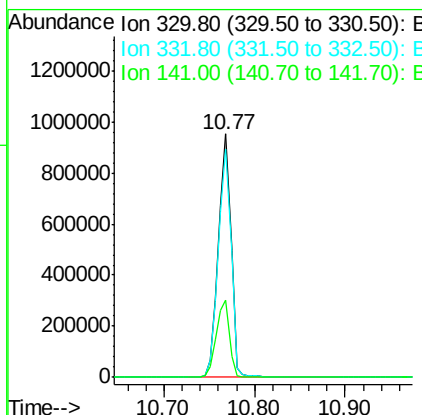
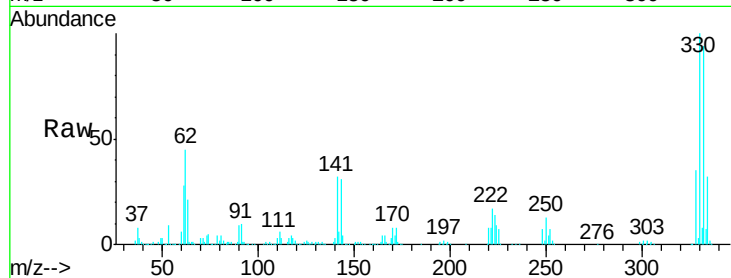




#42
 2,4,6-Tribromophenol
 Concen: 128.256 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117738.D
 Acq: 8 Nov 2019 18:30

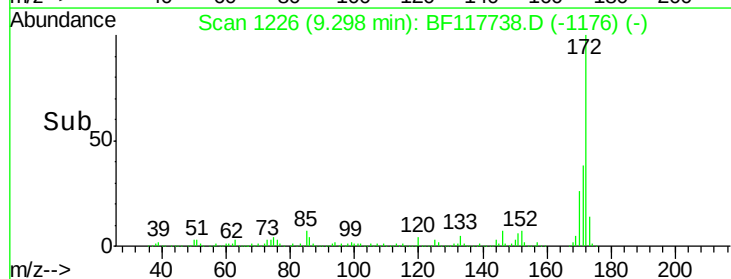
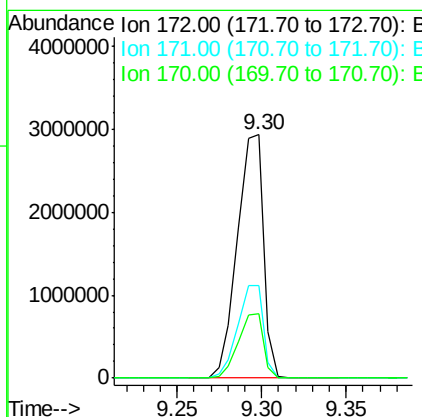
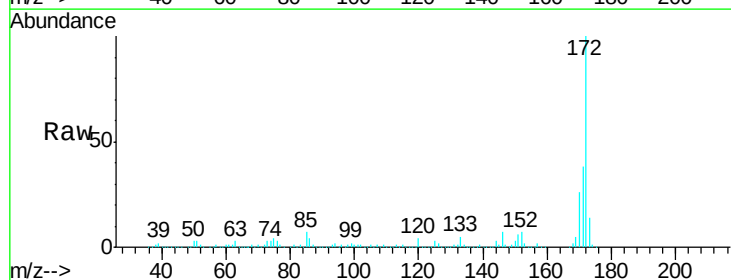
Instrument :
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 ClientSampleId :
 PB124647BL

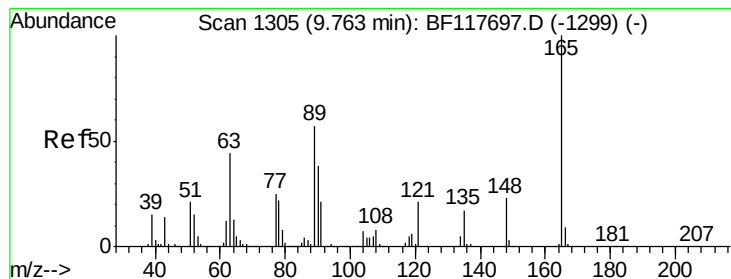
Tgt Ion:330 Resp: 916937
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 33.1 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 85.981 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117738.D
 Acq: 8 Nov 2019 18:30

Tgt Ion:172 Resp: 3184894
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.3 21.6 32.4





#51

2,6-Dinitrotoluene

Concen: 8.558 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.21 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Instrument :

BNA_F

ClientSampleId :

PB124647BL

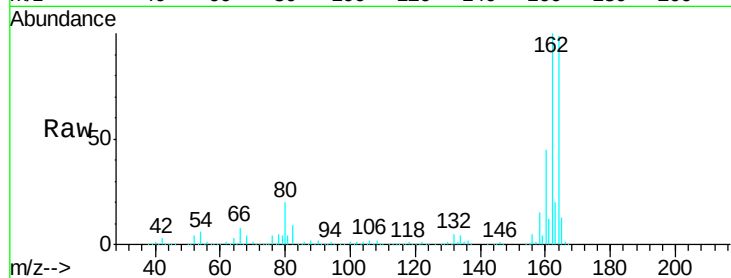
Tgt Ion:165 Resp: 94682

Ion Ratio Lower Upper

165 100

63 1.1 45.6 68.4#

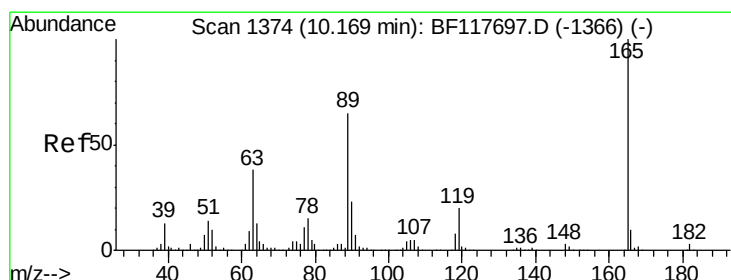
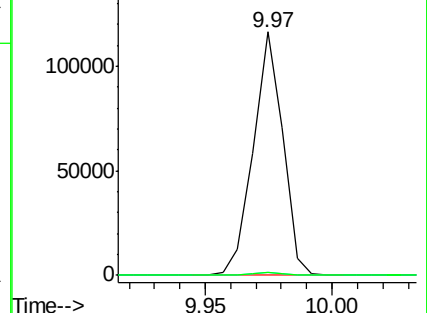
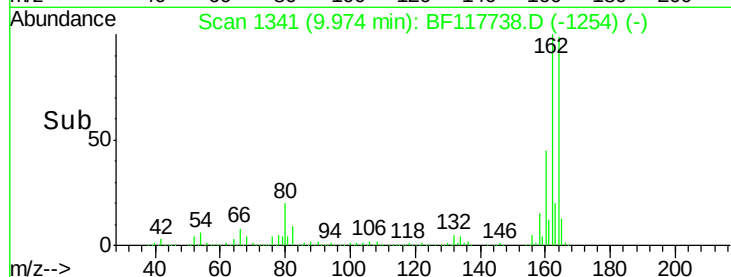
89 1.2 45.8 68.6#



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: 6.671 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.19 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Tgt Ion:165 Resp: 94682

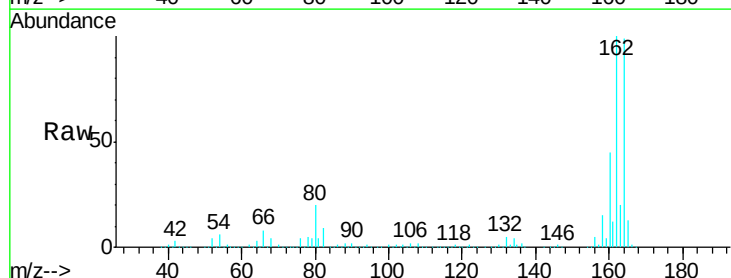
Ion Ratio Lower Upper

165 100

63 1.1 30.4 45.6#

89 1.2 52.2 78.4#

182 0.0 2.3 3.5#

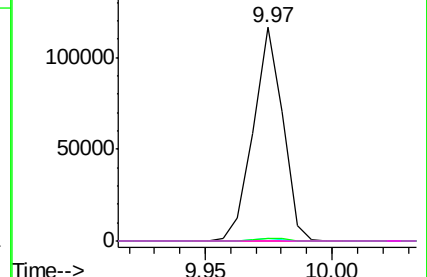
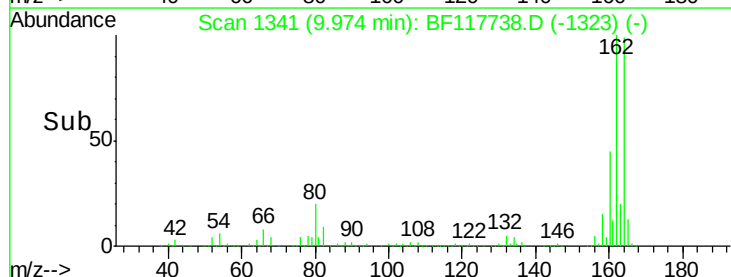


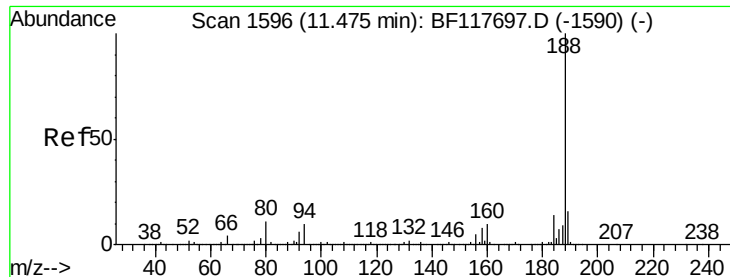
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Instrument :

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PB124647BL

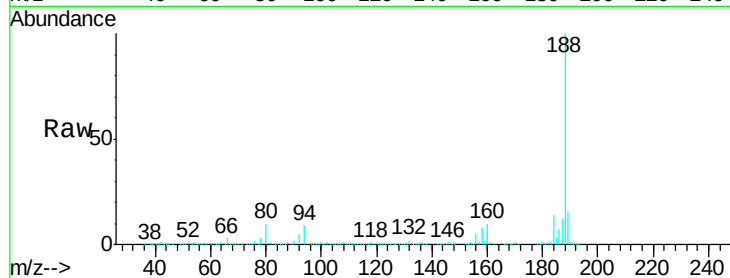
Tgt Ion:188 Resp: 1389881

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

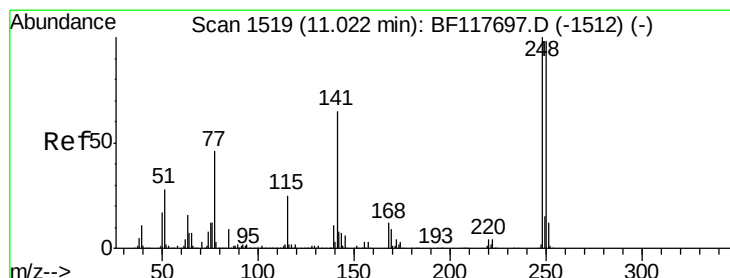
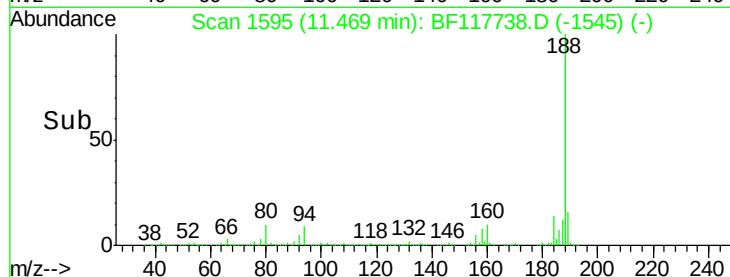
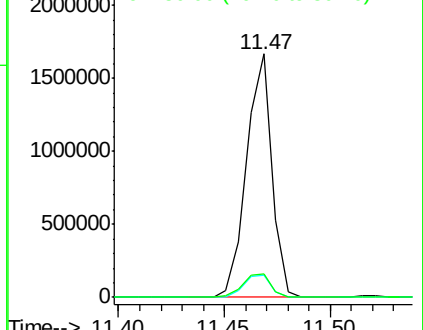
80 9.6 8.6 13.0



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: 3.838 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.25 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

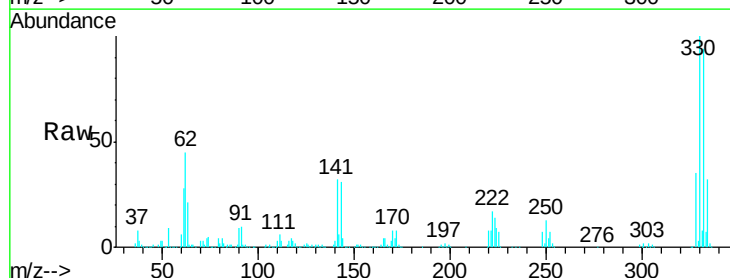
Tgt Ion:248 Resp: 58253

Ion Ratio Lower Upper

248 100

250 197.1 78.7 118.1#

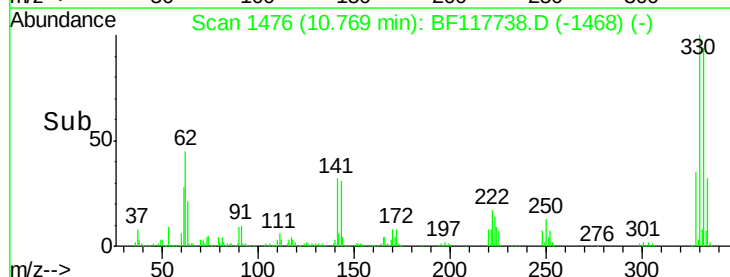
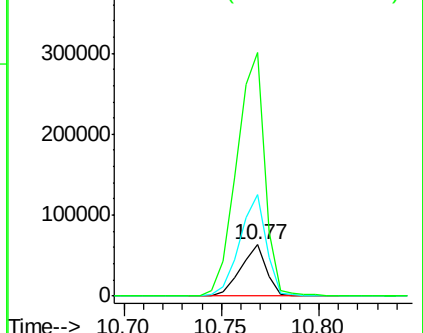
141 475.5 51.8 77.8#

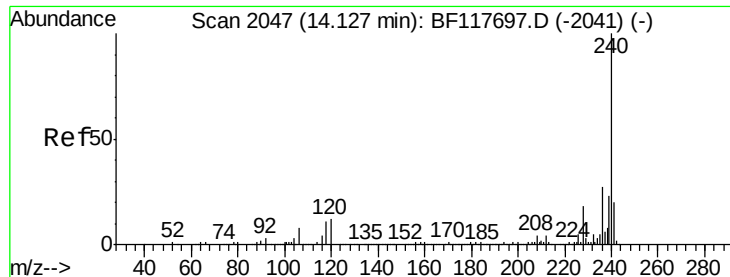


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

Instrument :

BNA_F

ClientSampleId :

PB124647BL

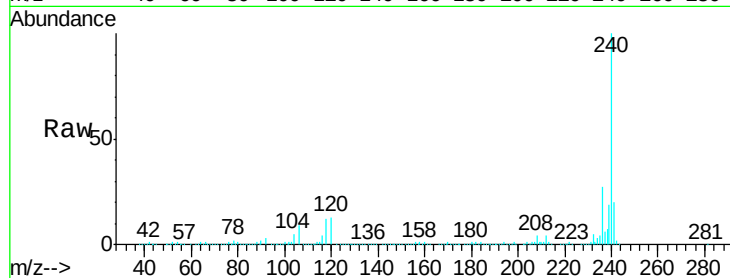
Tgt Ion:240 Resp: 892197

Ion Ratio Lower Upper

240 100

120 13.1 9.7 14.5

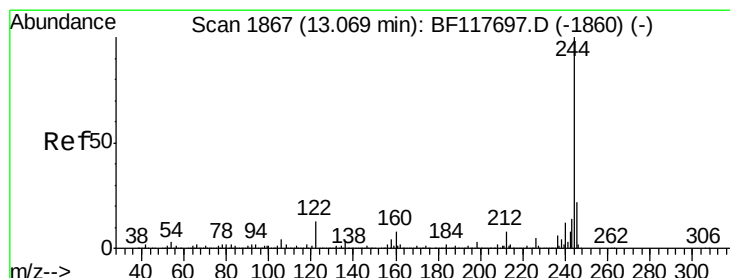
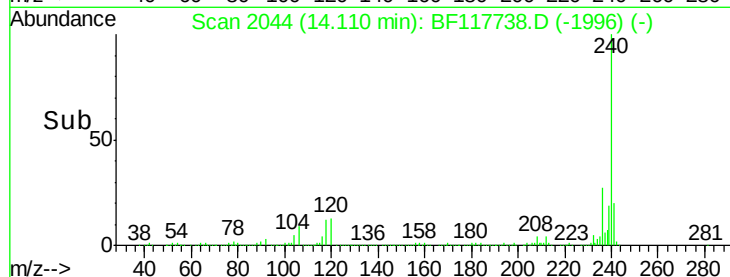
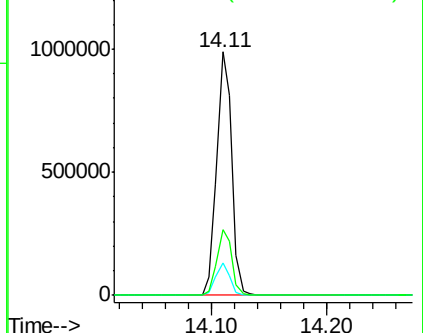
236 27.0 21.9 32.9



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: 96.160 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117738.D

Acq: 8 Nov 2019 18:30

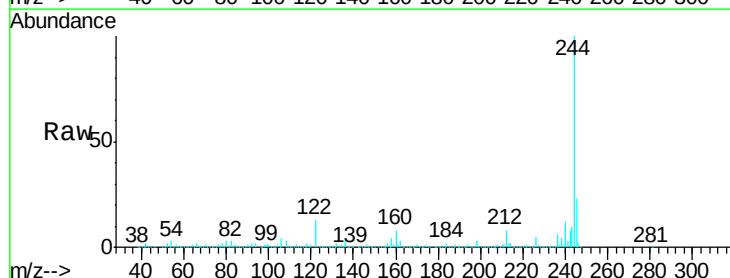
Tgt Ion:244 Resp: 4167593

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

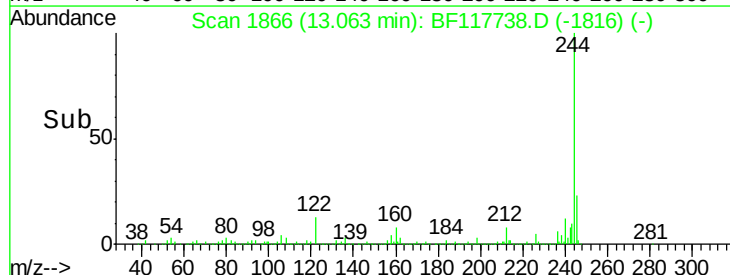
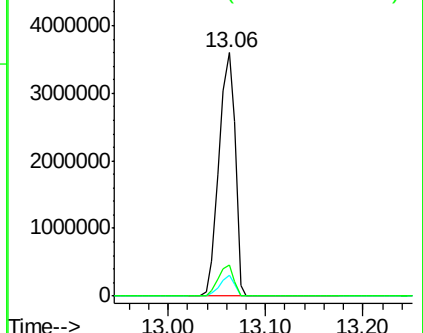
122 12.6 10.0 15.0

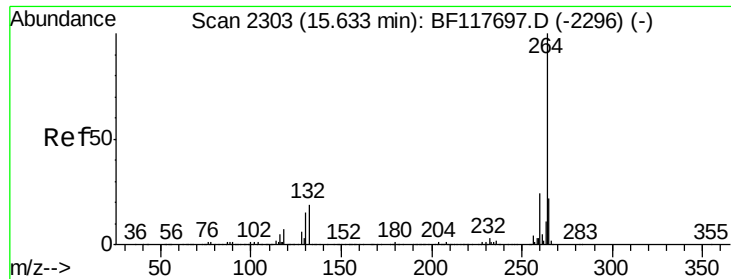


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BF117738.D
Acq: 8 Nov 2019 18:30

Instrument :
BNA_F
ClientSampleId :
PB124647BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.0	17.7	26.5

