

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117907.D
 Acq On : 21 Nov 2019 13:00
 Operator : JU
 Sample : K5927-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4B

Quant Time: Nov 21 15:16:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

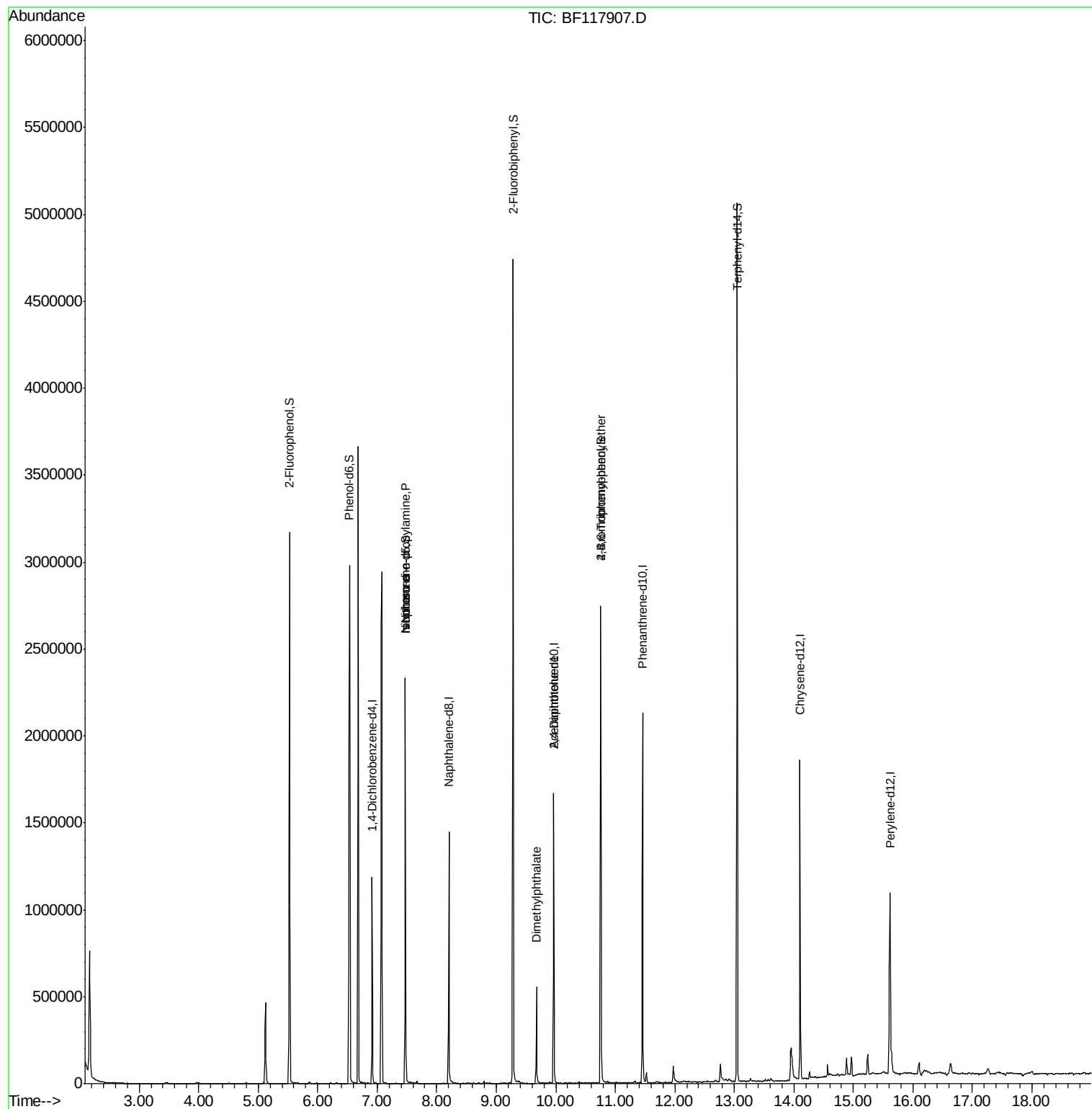
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	161567	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	652534	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	353539	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	718140	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	553579	20.00	ng	-0.01
87) Perylene-d12	15.62	264	515756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	867941	95.09	ng	0.00
7) Phenol-d6	6.54	99	1139257	103.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	716616	65.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	322600	86.19	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1408335	71.47	ng	-0.01
79) Terphenyl-d14	13.05	244	1789642	59.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1957	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.47	70	95681	14.088 ng	#	76
25) Isophorone	7.47	82	713523	35.465 ng	#	62
50) Dimethylphthalate	9.67	163	227870	9.191 ng		98
57) 2,4-Dinitrotoluene	9.96	165	46598	6.761 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	21295	2.748 ng	#	1
75) Fluoranthene	12.67	202	5110	Below Cal		91

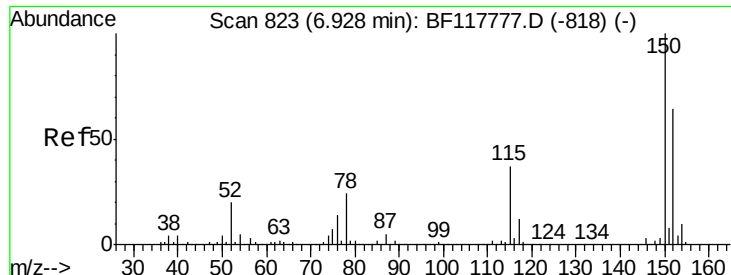
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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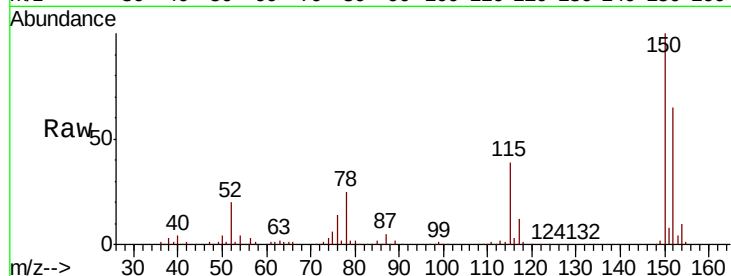




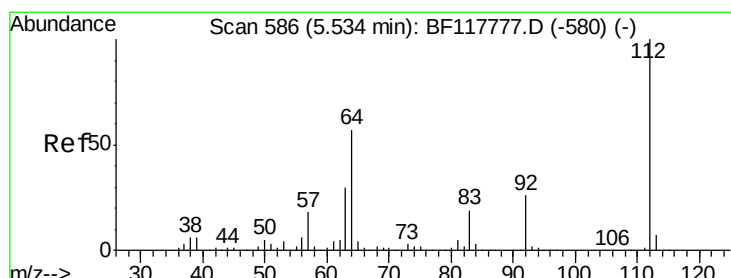
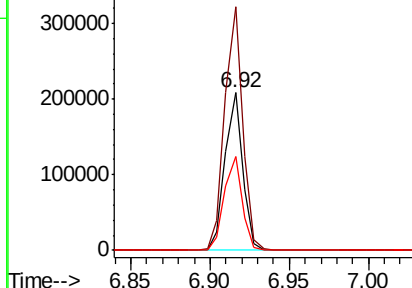
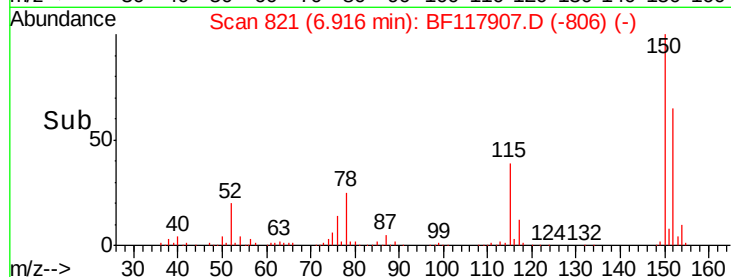
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Instrument :
 BNA_F
 ClientSampleId :
 B-4B

Tot Ion:152 Resp: 161567
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.3 187.9
 115 60.0 47.0 70.4

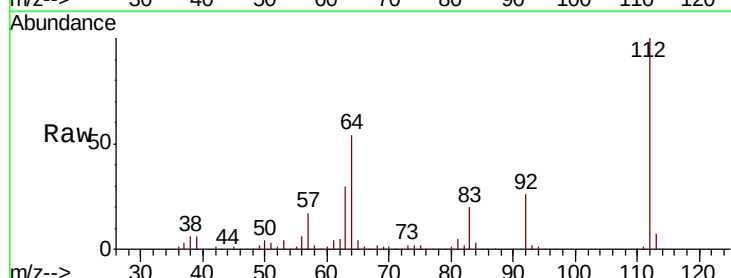


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

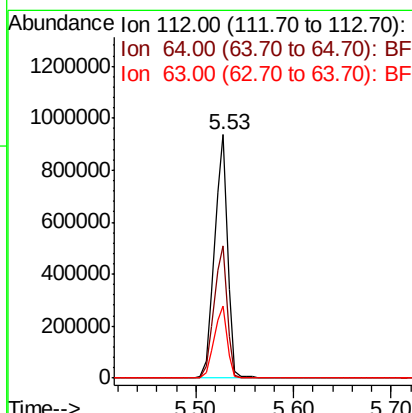
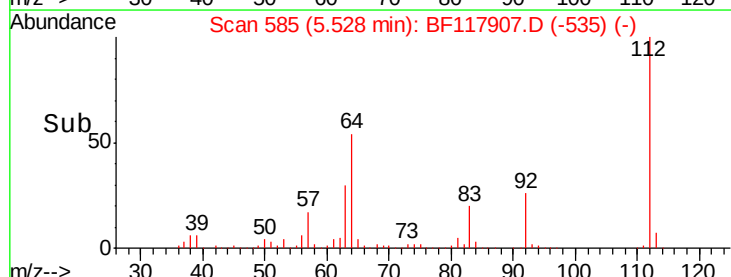


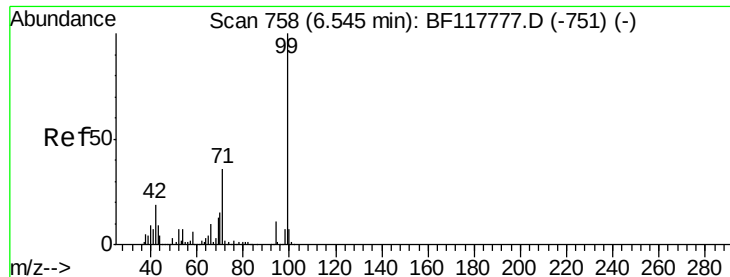
#5
 2-Fluorophenol
 Concen: 95.090 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Tgt Ion:112 Resp: 867941
 Ion Ratio Lower Upper
 112 100
 64 54.5 45.6 68.4
 63 29.5 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: 103.482 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

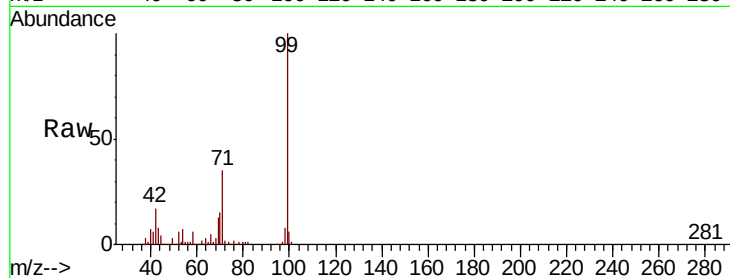
Tot Ion: 99 Resp: 1139257

Ion Ratio Lower Upper

99 100

42 16.8 14.9 22.3

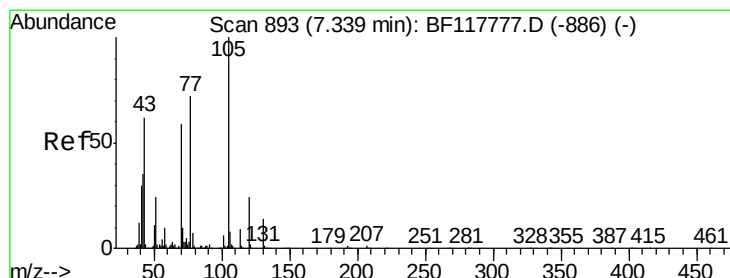
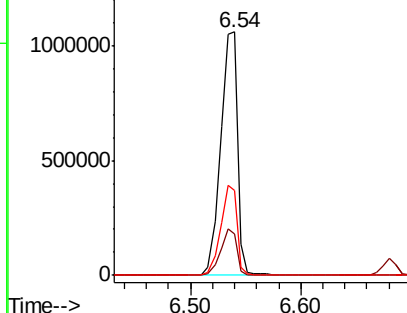
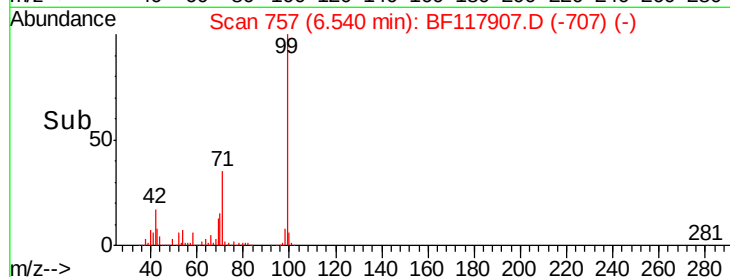
71 34.8 28.6 43.0



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: 14.088 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Tgt Ion: 70 Resp: 95681

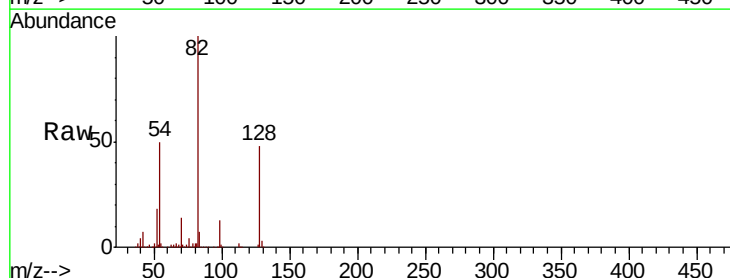
Ion Ratio Lower Upper

70 100

42 48.1 47.4 71.2

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

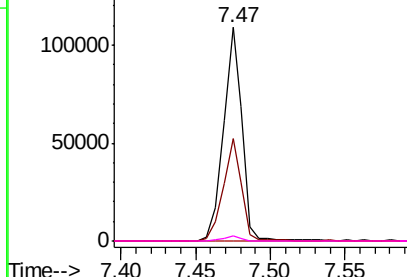
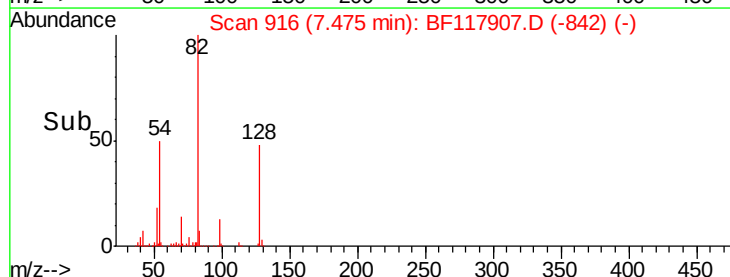


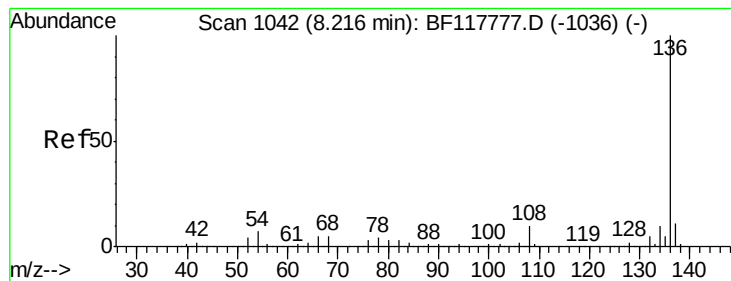
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

Tot Ion:136 Resp: 652534

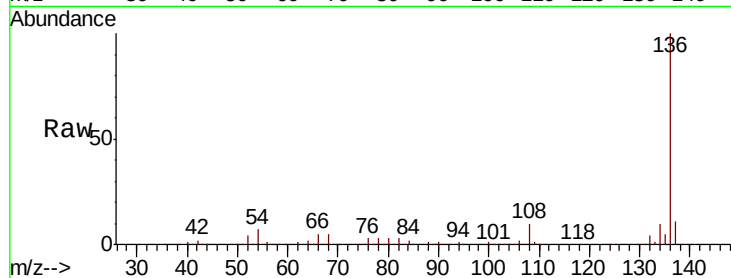
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.6 5.4 8.2

68 4.9 4.3 6.5

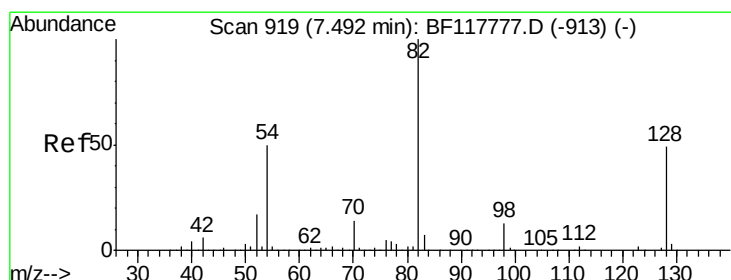
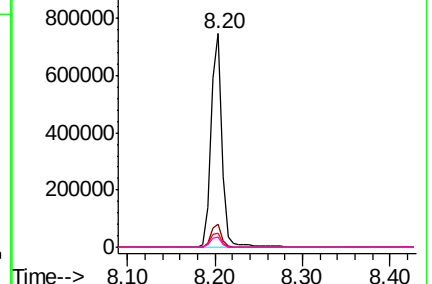
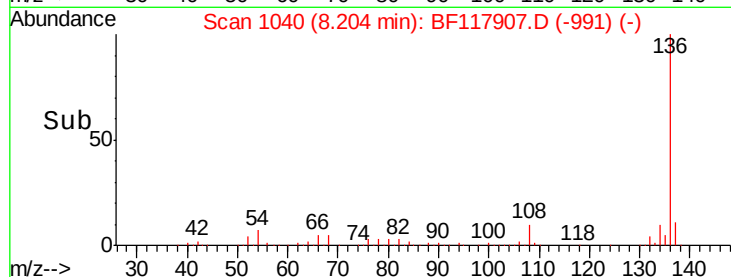


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.284 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

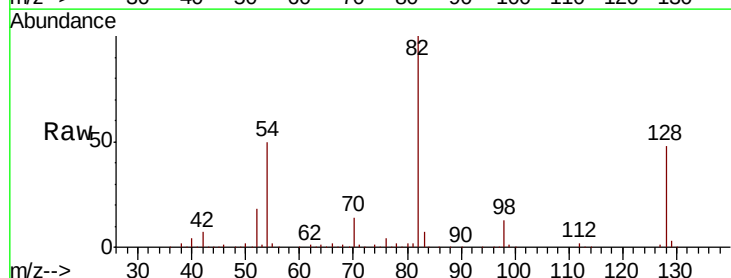
Tgt Ion: 82 Resp: 716616

Ion Ratio Lower Upper

82 100

128 47.7 38.9 58.3

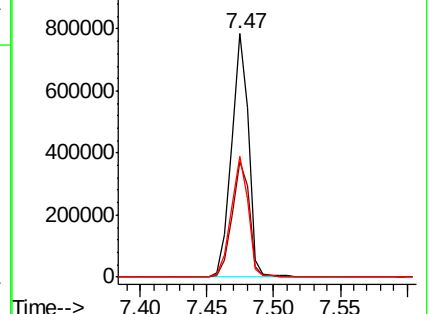
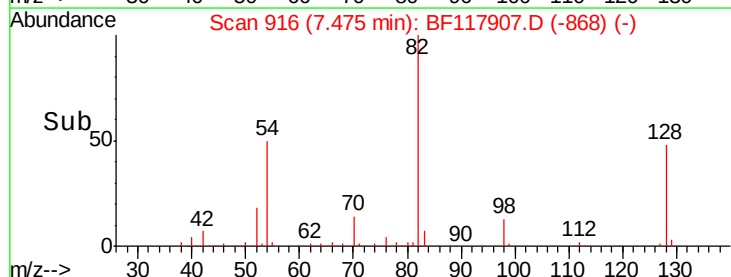
54 49.8 39.8 59.6

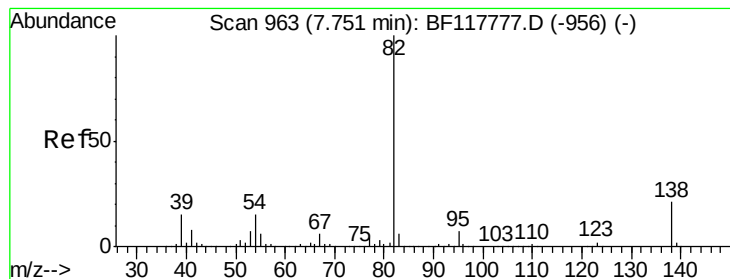


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.465 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

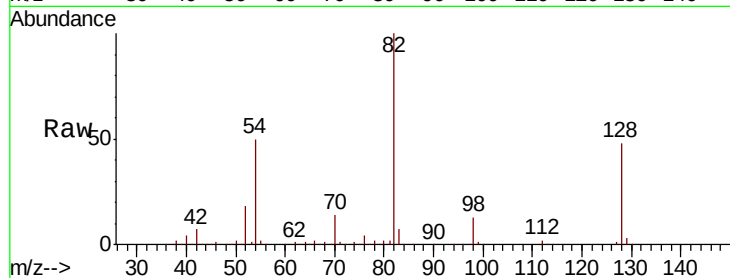
Tot Ion: 82 Resp: 713523

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

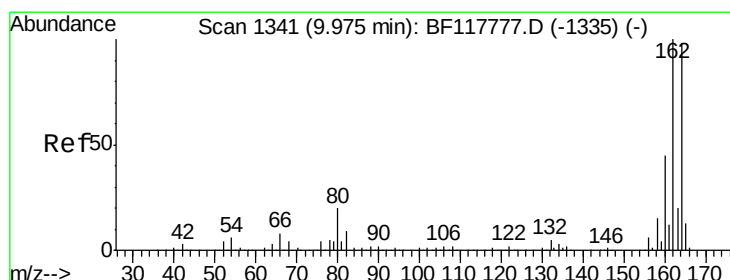
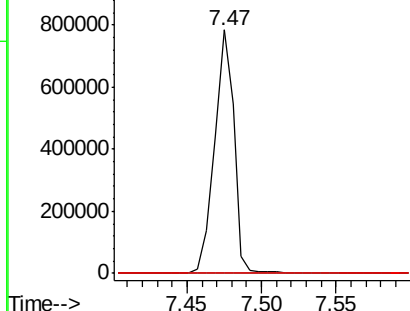
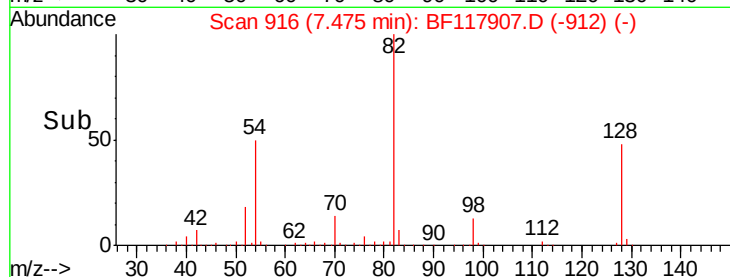
138 0.0 16.5 24.7#



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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

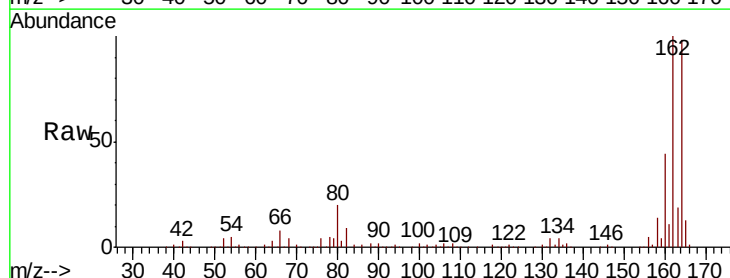
Tgt Ion: 164 Resp: 353539

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

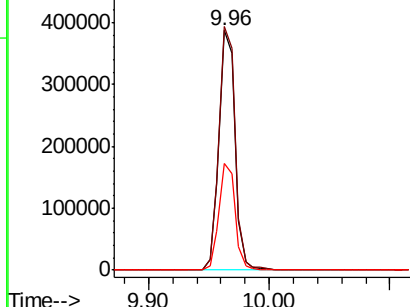
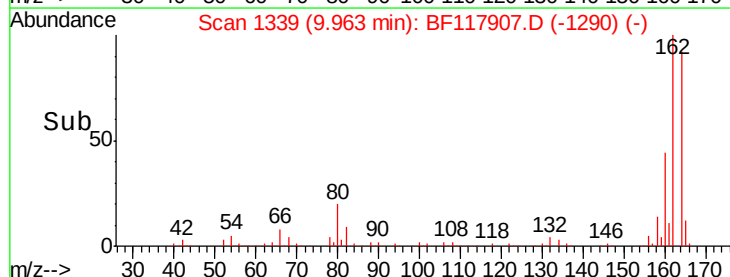
160 44.6 36.6 55.0

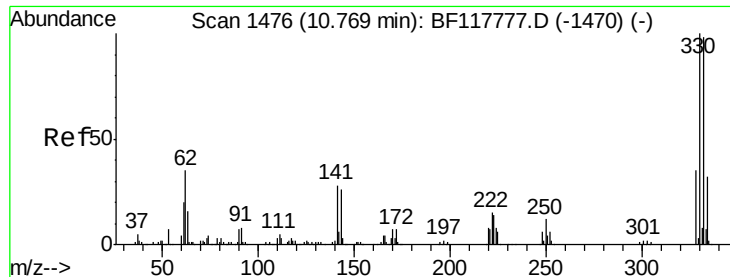


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

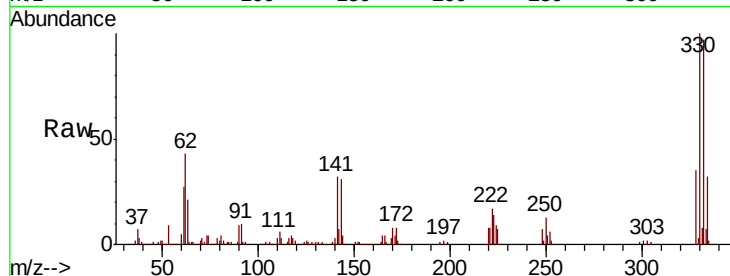




#42
 2,4,6-Tribromophenol
 Concen: 86.190 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Instrument :
 BNA_F
 ClientSampled :
 B-4B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	34.4	27.7	41.5

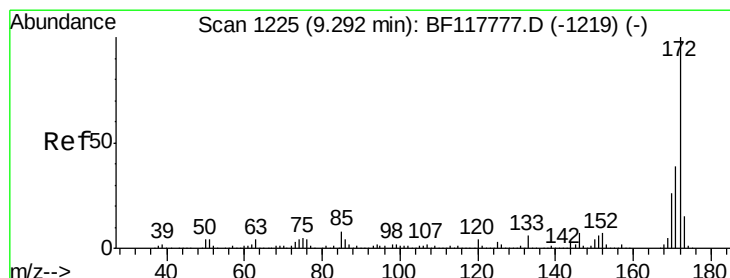
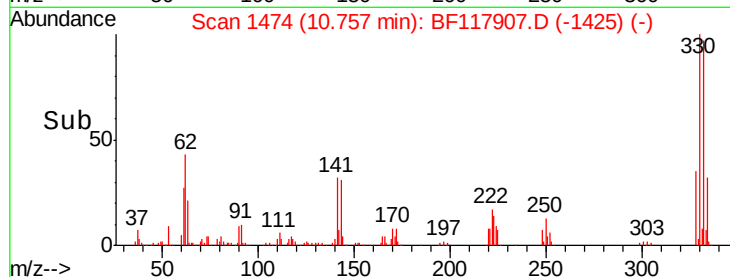
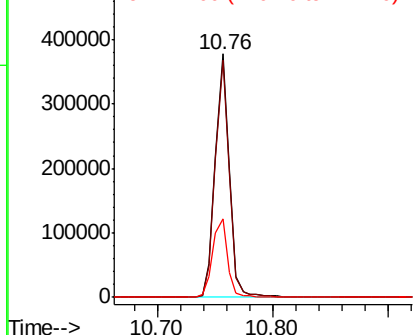


Abundance

Ion 329.80 (329.50 to 330.50): E

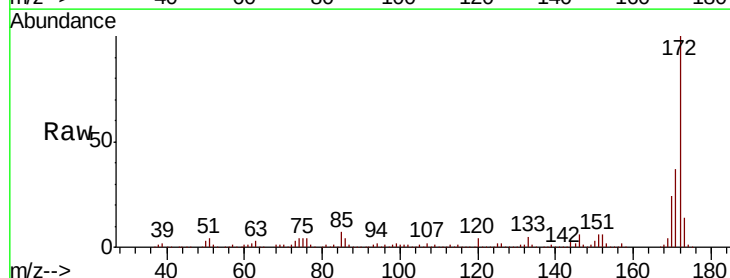
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.466 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117907.D
 Acq: 21 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	24.4	21.0	31.4

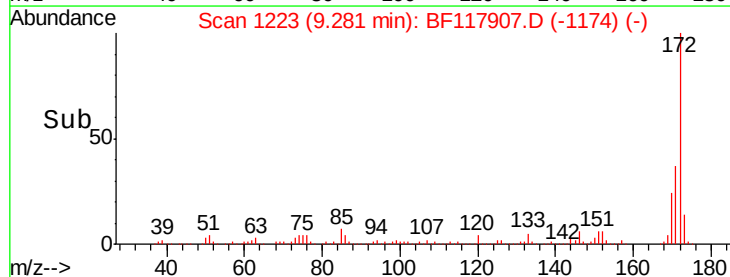
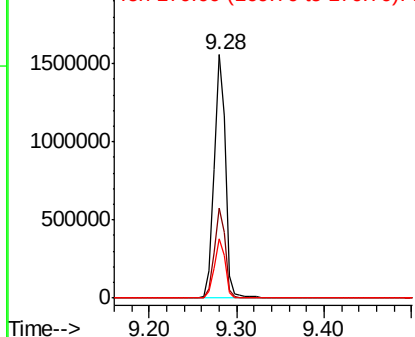


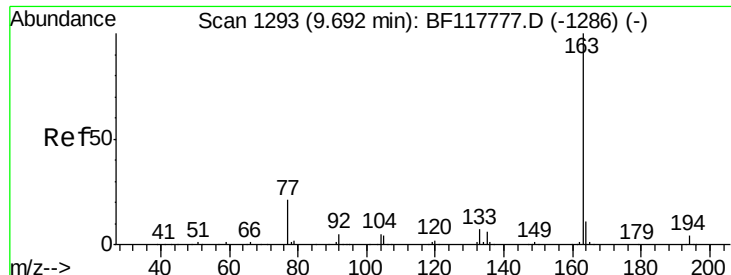
Abundance

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

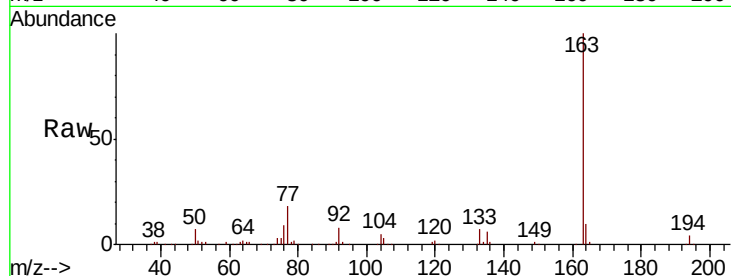




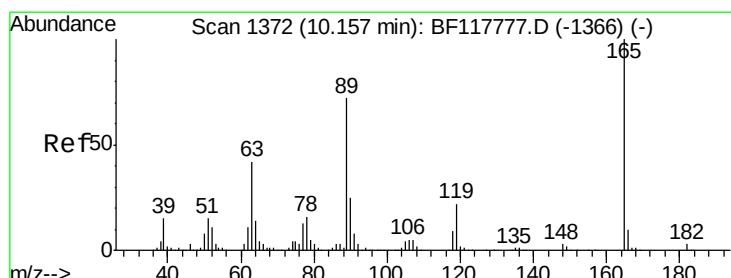
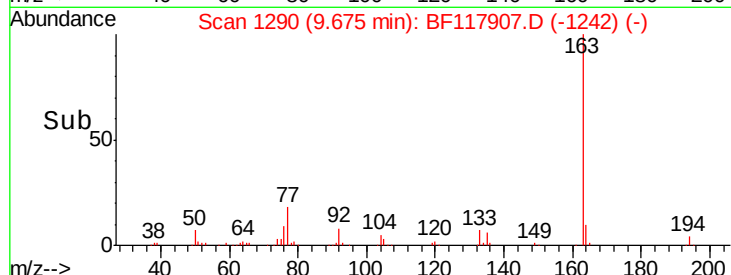
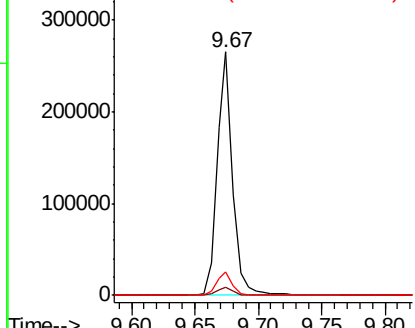
#50
Dimethylphthalate
Concen: 9.191 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Instrument :
BNA_F
ClientSampleId :
B-4B

Tot Ion:163 Resp: 227870
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.8 8.7 13.1

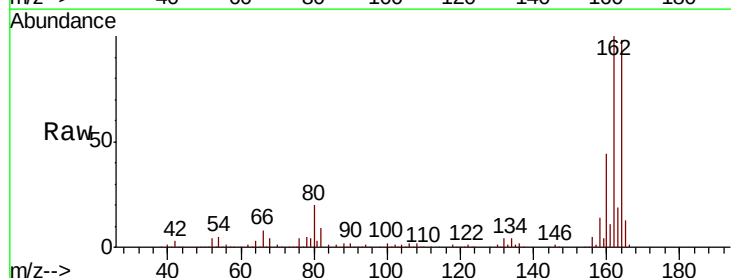


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

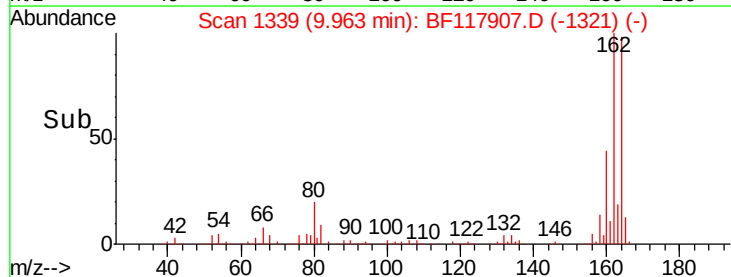
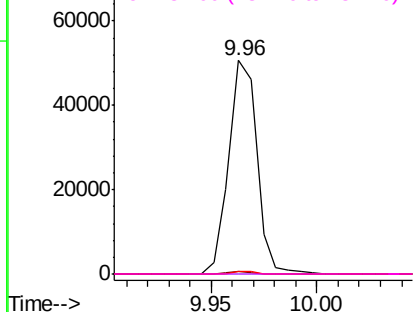


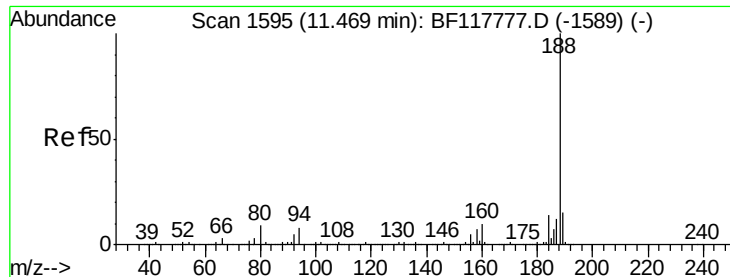
#57
2,4-Dinitrotoluene
Concen: 6.761 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Tgt Ion:165 Resp: 46598
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.3 57.3 85.9#
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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

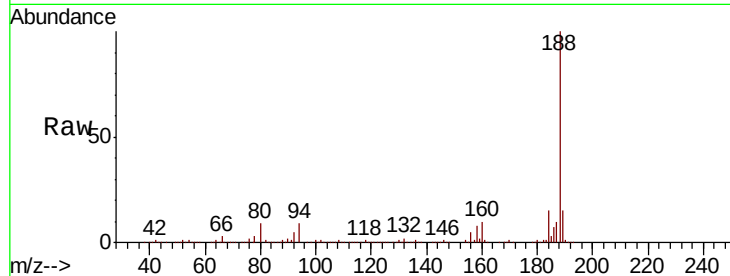
Tot Ion:188 Resp: 718140

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.2 7.2 10.8



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

1200000

1000000

800000

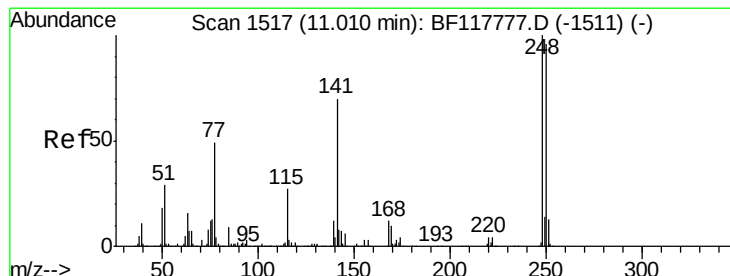
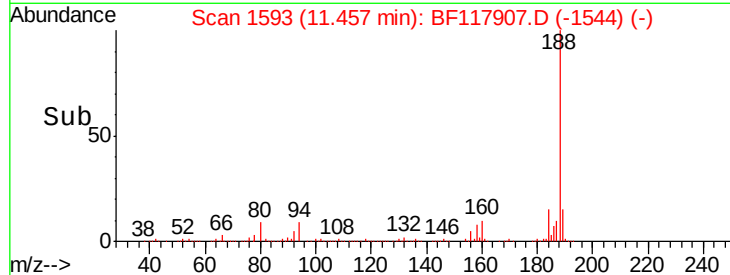
600000

400000

200000

0

Time--> 11.40 11.45 11.50



#67

4-Bromophenyl-phenylether

Concen: 2.748 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

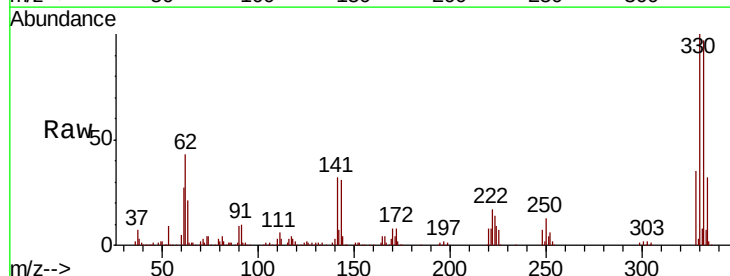
Tgt Ion:248 Resp: 21295

Ion Ratio Lower Upper

248 100

250 193.5 76.6 115.0#

141 480.5 55.9 83.9#



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

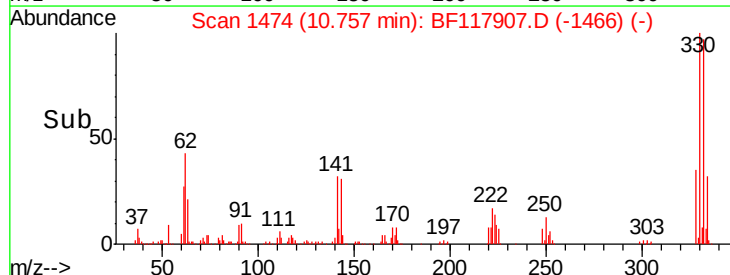
150000

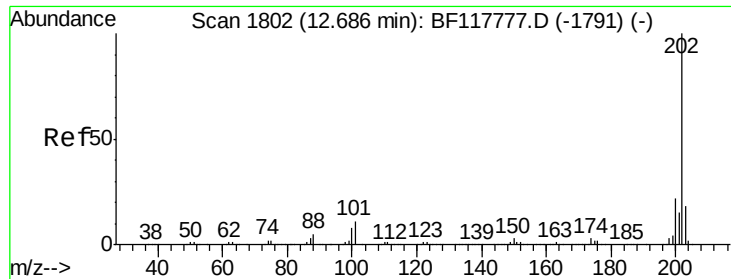
100000

50000

0

Time--> 10.70 10.75 10.80

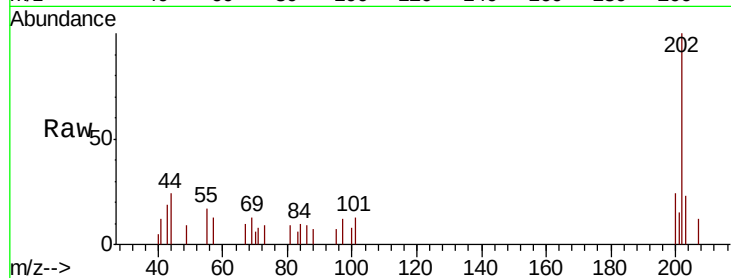




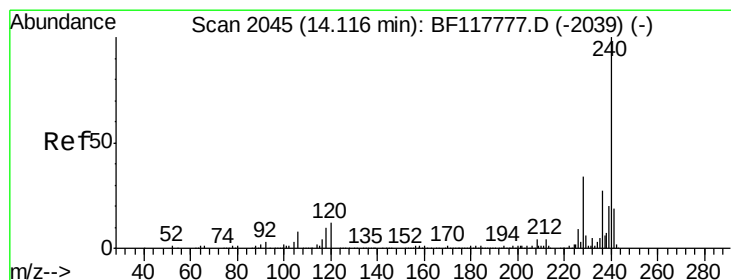
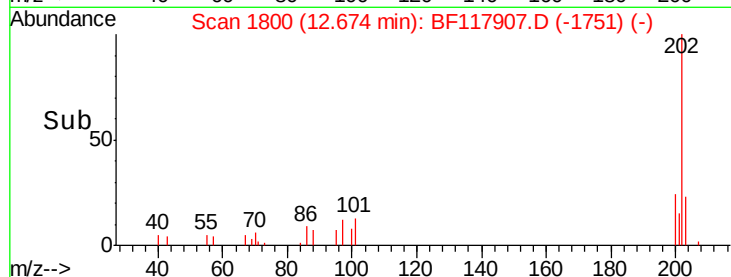
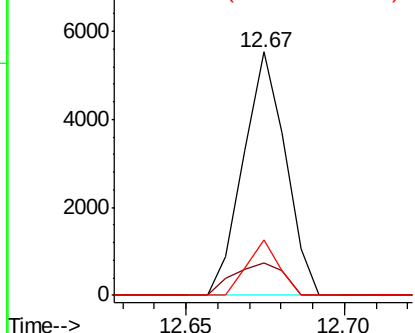
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Instrument :
BNA_F
ClientSampleId :
B-4B

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.1
203	22.9	0.0	38.2

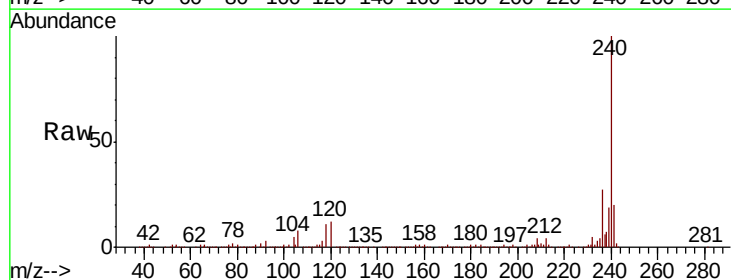


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

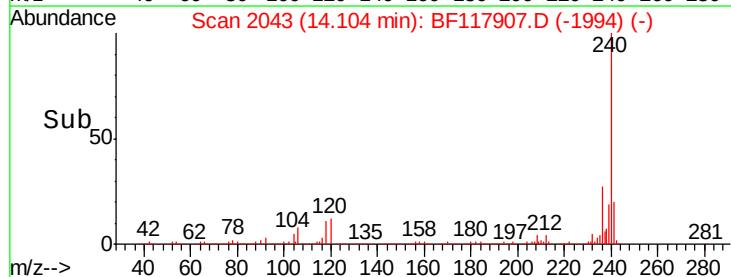
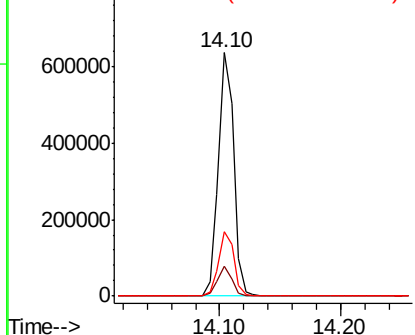


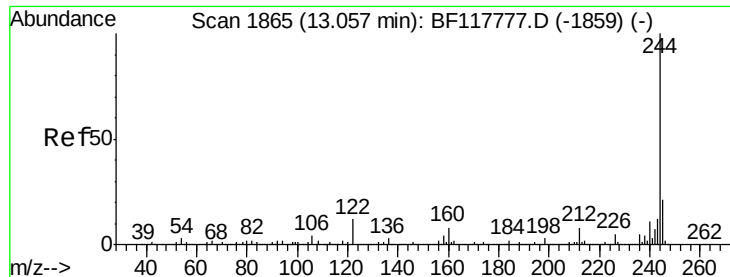
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117907.D
Acq: 21 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.6	21.3	31.9



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: 59.084 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

Instrument :

BNA_F

ClientSampleId :

B-4B

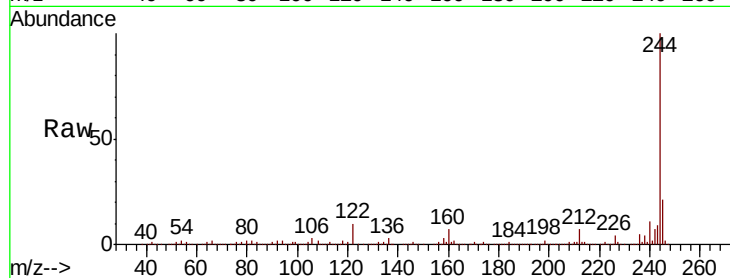
Tot Ion:244 Resp: 1789642

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

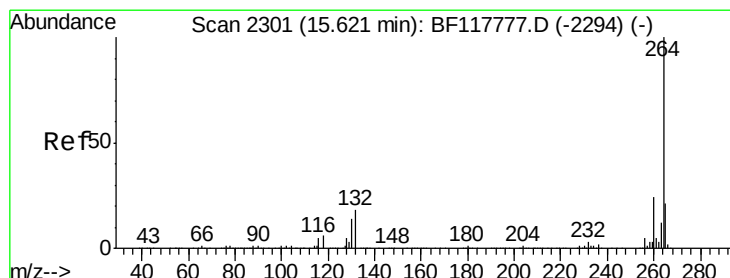
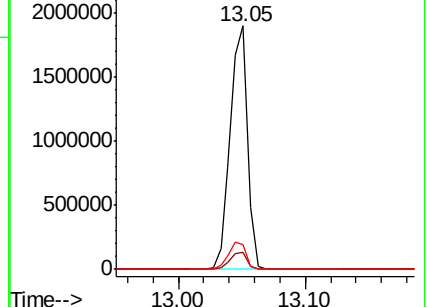
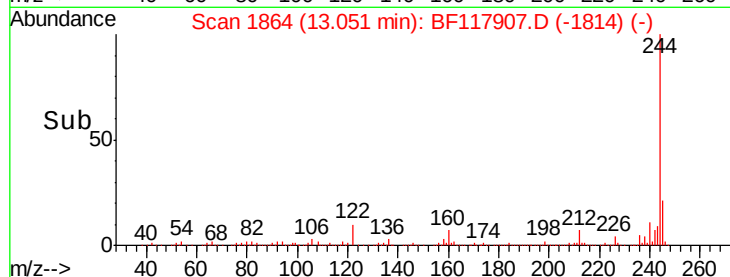
122 10.0 9.4 14.2



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. -0.01 min

Lab File: BF117907.D

Acq: 21 Nov 2019 13:00

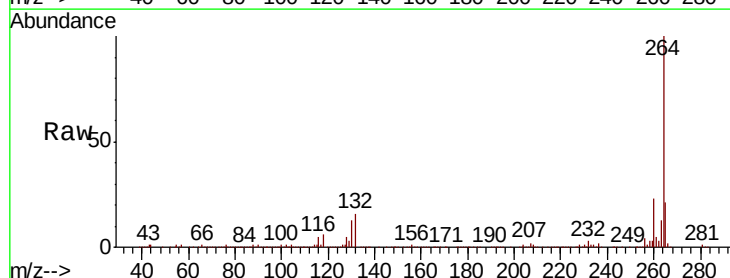
Tgt Ion:264 Resp: 515756

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.0 17.1 25.7



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

