

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117897.D
 Acq On : 20 Nov 2019 17:06
 Operator : JU
 Sample : K5927-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 03:07:21 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

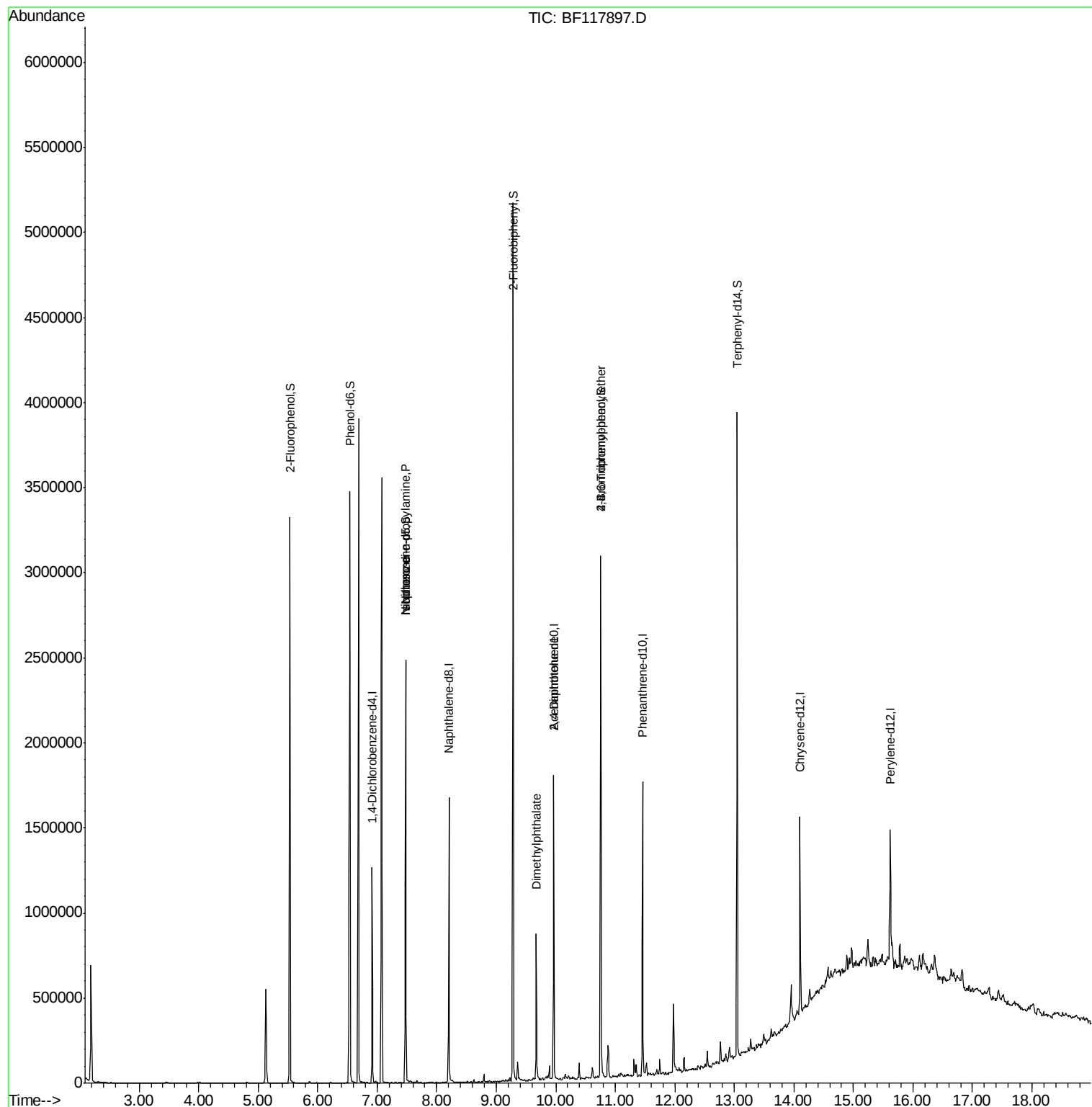
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	164438	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	713977	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	360754	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	585209	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	387357	20.00	ng	-0.01
87) Perylene-d12	15.62	264	392196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	914416	98.43	ng	0.00
7) Phenol-d6	6.54	99	1165830	104.05	ng	0.00
23) Nitrobenzene-d5	7.48	82	812623	67.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	344392	90.17	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1585856	78.86	ng	-0.01
79) Terphenyl-d14	13.05	244	1316347	62.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	2128	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	110315	15.959 ng	#	74
25) Isophorone	7.48	82	809802	36.787 ng	#	62
50) Dimethylphthalate	9.67	163	317987	12.570 ng	#	98
57) 2,4-Dinitrotoluene	9.96	165	47466	6.749 ng	#	25
67) 4-Bromophenyl-phenylether	10.76	248	21936	3.474 ng	#	1
75) Fluoranthene	12.67	202	2847	Below Cal	#	55

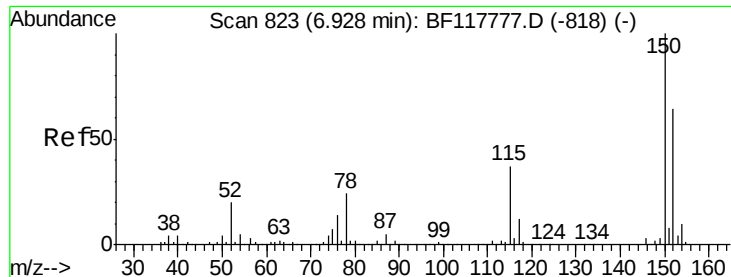
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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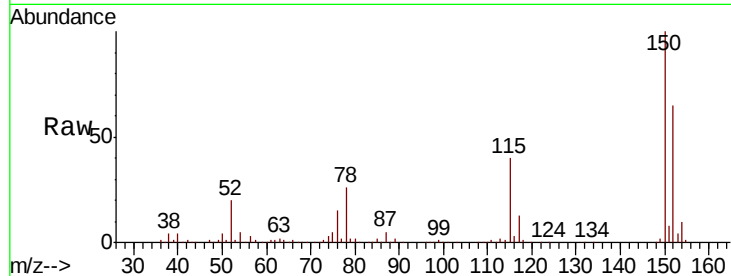


#1

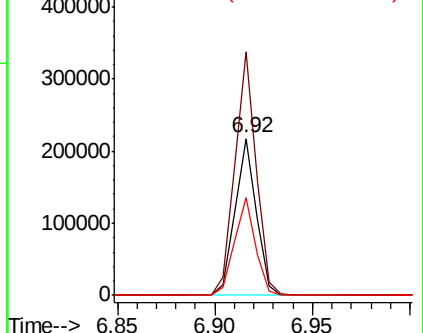
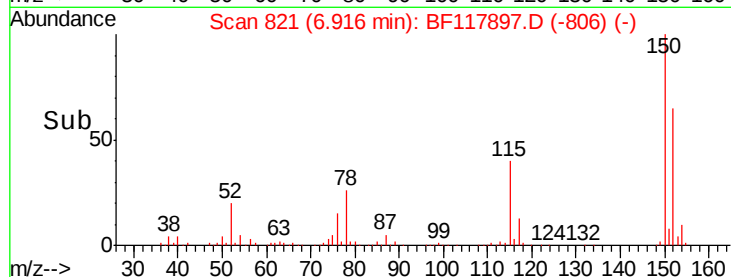
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117897.D
Acq: 20 Nov 2019 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164438
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 62.0 47.0 70.4



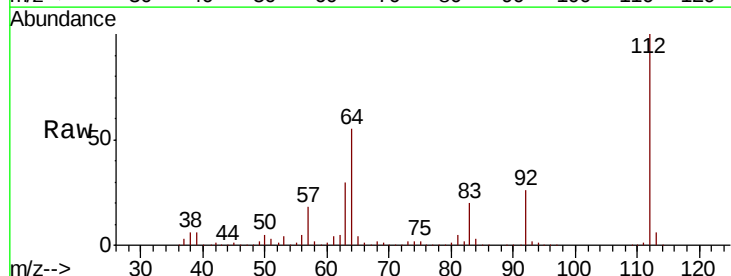
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



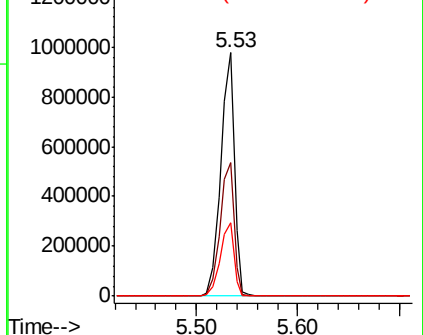
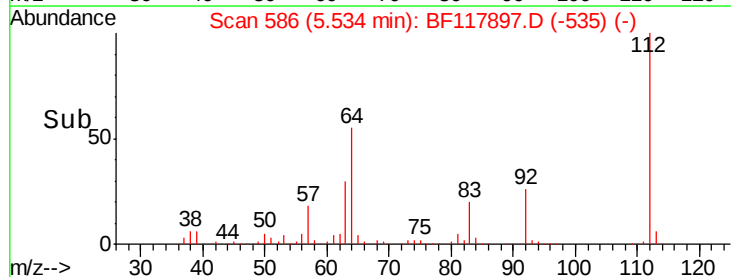
#5

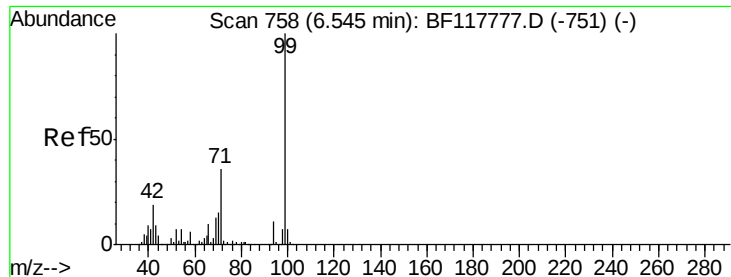
2-Fluorophenol
Concen: 98.433 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117897.D
Acq: 20 Nov 2019 17:06

Tgt Ion:112 Resp: 914416
Ion Ratio Lower Upper
112 100
64 54.7 45.6 68.4
63 30.0 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: 104.046 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

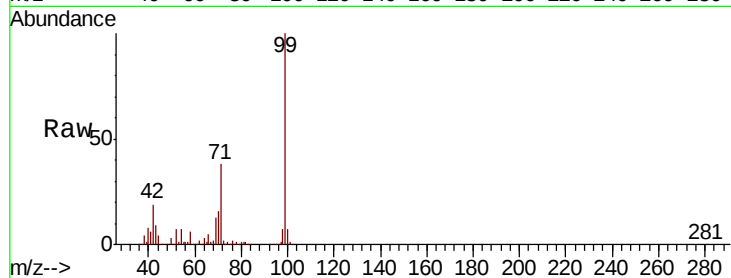
Tot Ion: 99 Resp: 1165830

Ion Ratio Lower Upper

99 100

42 18.9 14.9 22.3

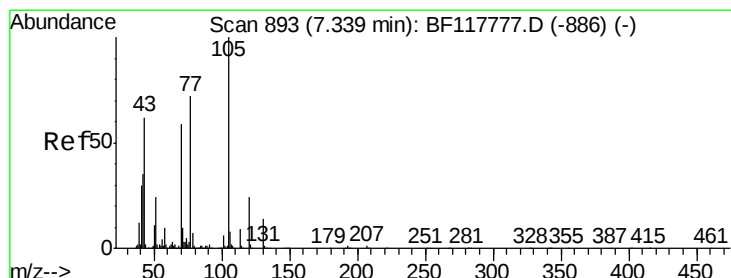
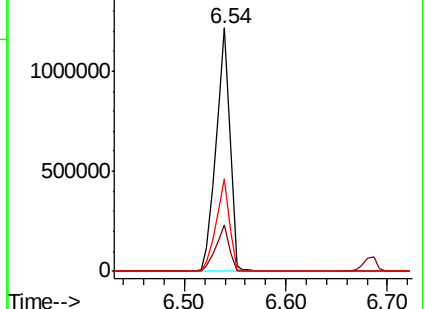
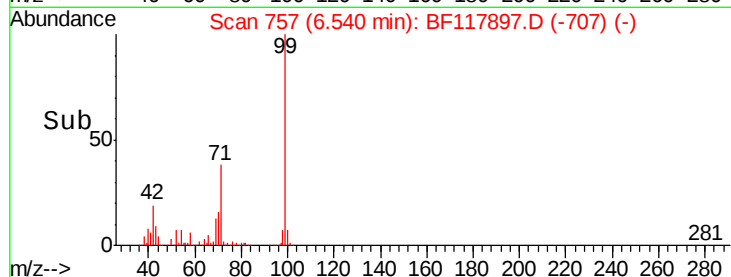
71 37.9 28.6 43.0



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: 15.959 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.14 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Tgt Ion: 70 Resp: 110315

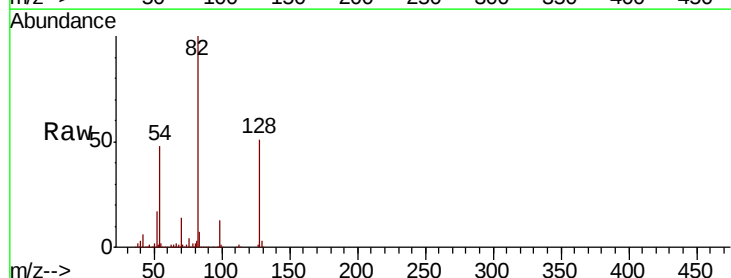
Ion Ratio Lower Upper

70 100

42 44.7 47.4 71.2#

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

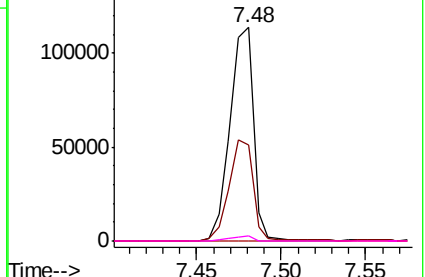
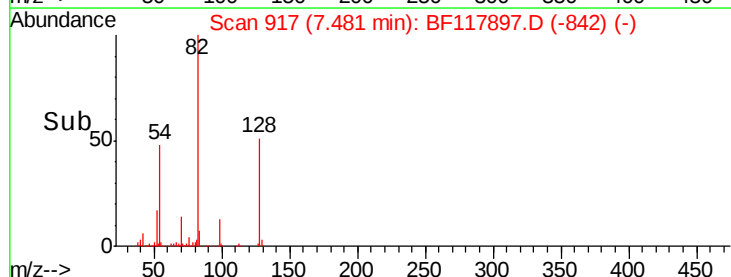


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 713977

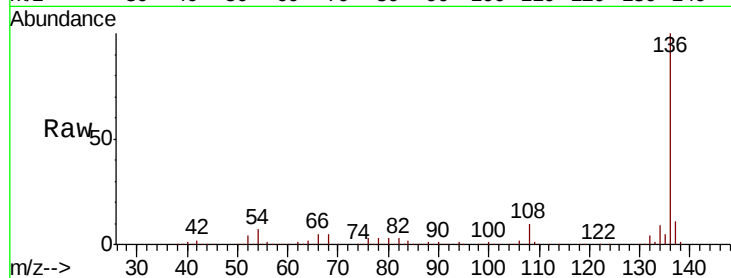
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.4 8.2

68 5.0 4.3 6.5

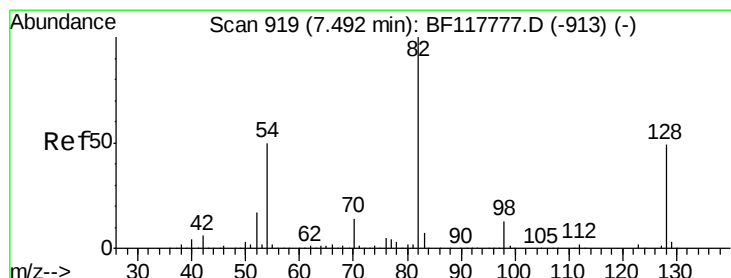
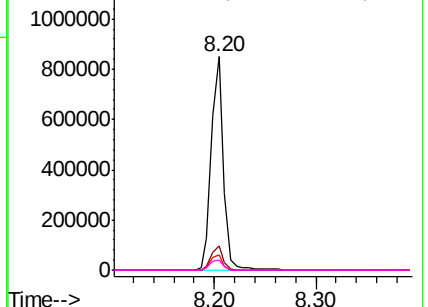
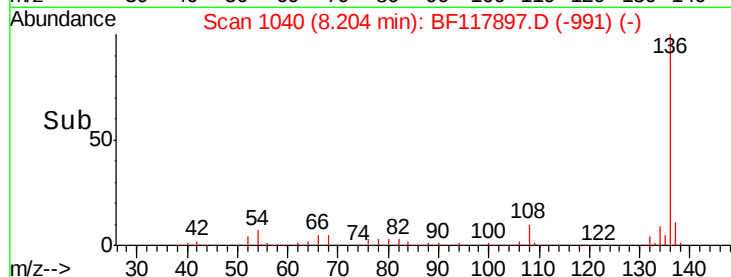


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.659 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

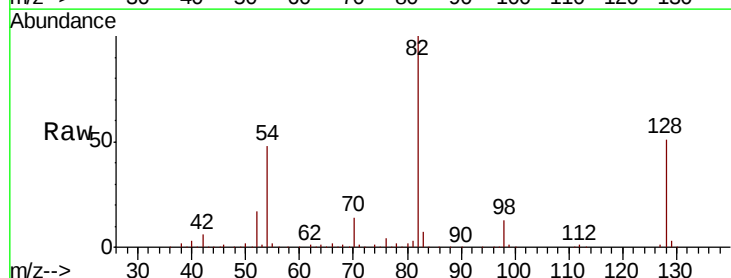
Tgt Ion: 82 Resp: 812623

Ion Ratio Lower Upper

82 100

128 50.8 38.9 58.3

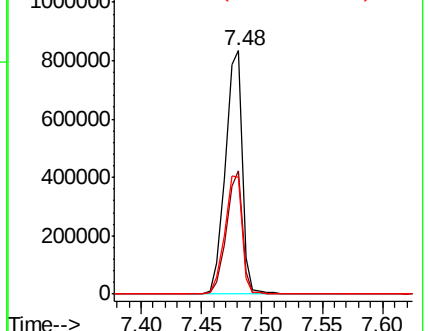
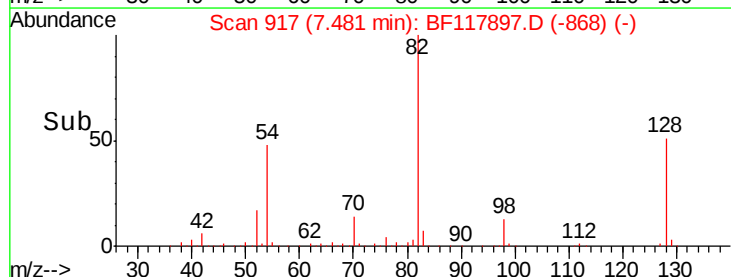
54 47.9 39.8 59.6

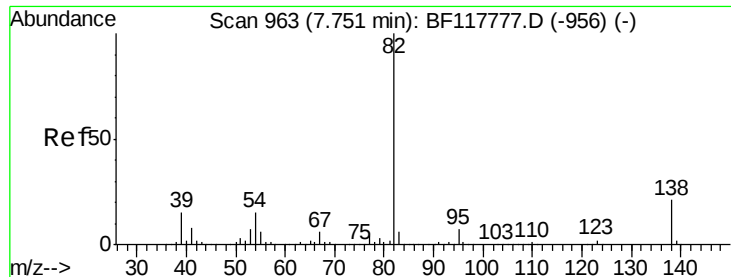


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.787 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

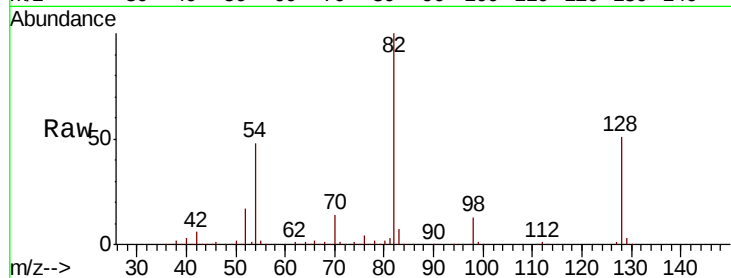
Tot Ion: 82 Resp: 809802

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

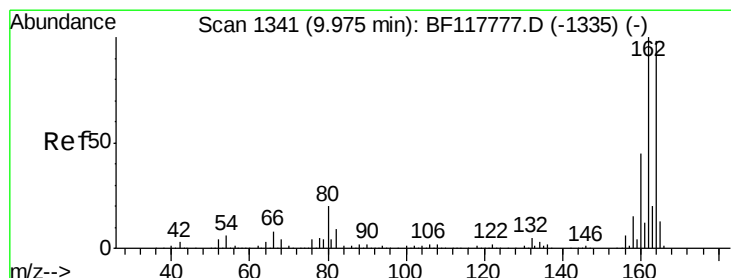
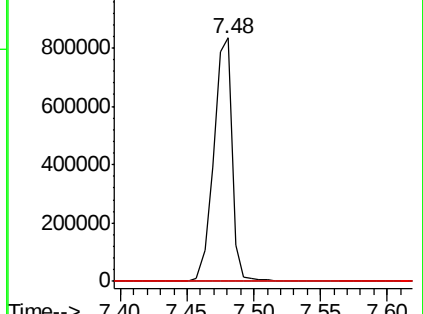
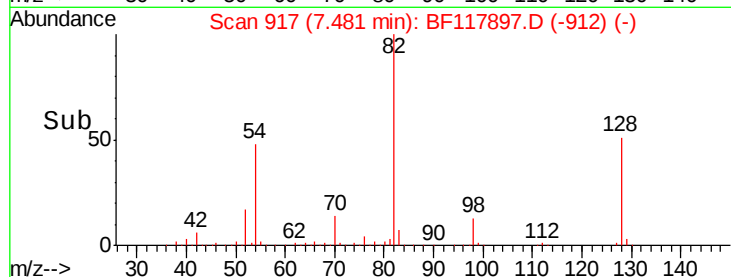
138 0.0 16.5 24.7#



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: BF117897.D

Acq: 20 Nov 2019 17:06

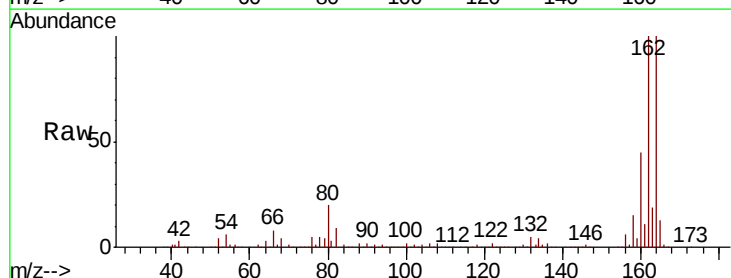
Tgt Ion: 164 Resp: 360754

Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

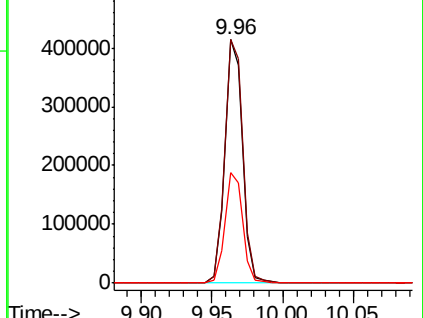
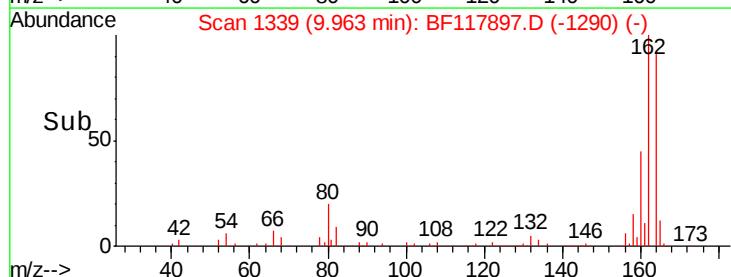
160 45.4 36.6 55.0



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: 90.172 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampled :

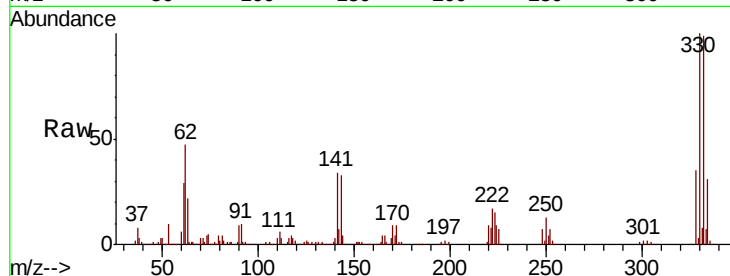
Tot Ion:330 Resp: 344392

Ion Ratio Lower Upper

330 100

332 98.8 76.7 115.1

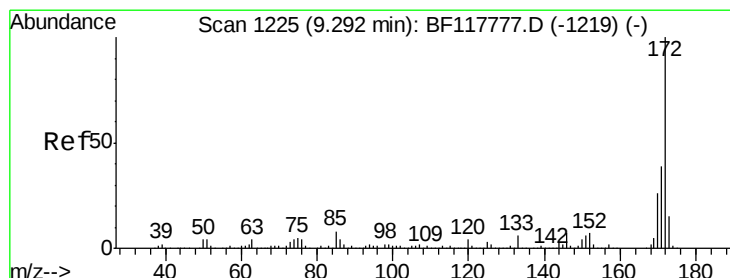
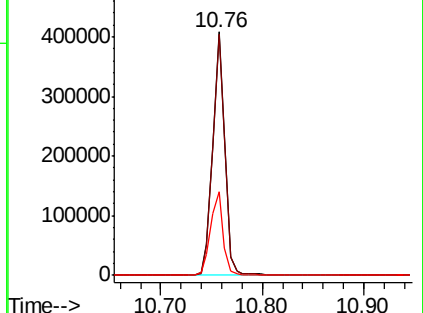
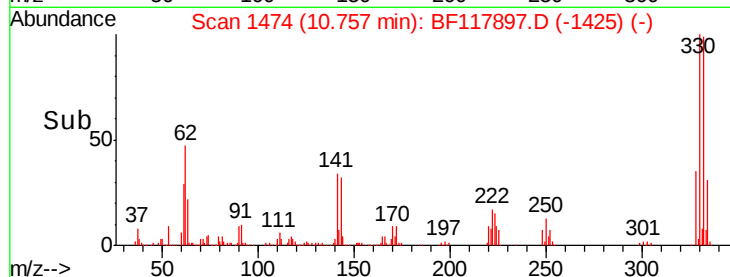
141 34.8 27.7 41.5



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: 78.865 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

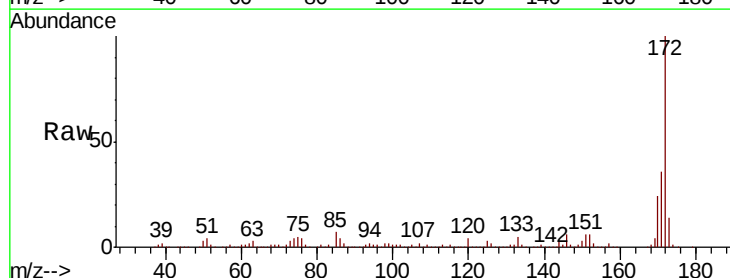
Tgt Ion:172 Resp: 1585856

Ion Ratio Lower Upper

172 100

171 36.2 30.9 46.3

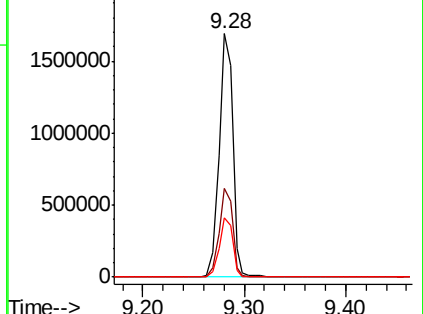
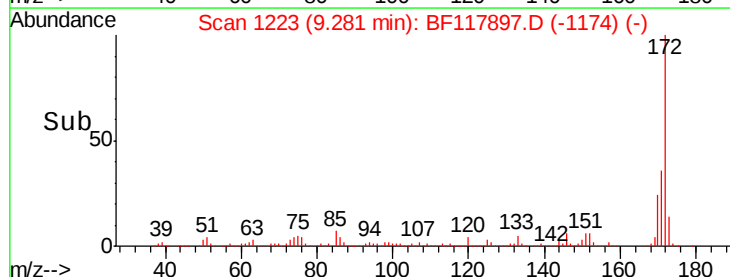
170 24.4 21.0 31.4

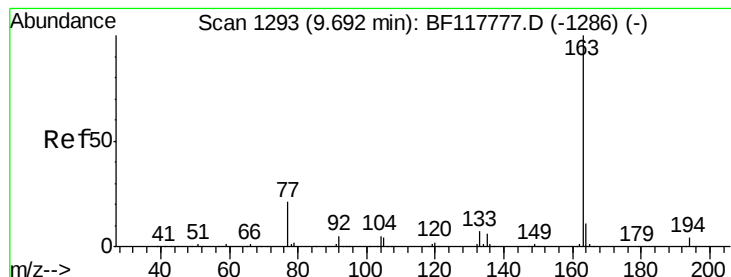


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.570 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

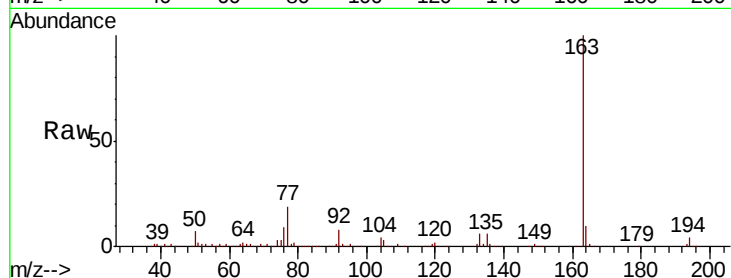
Tot Ion:163 Resp: 317987

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

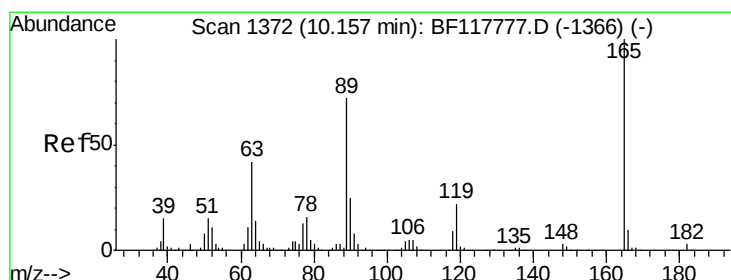
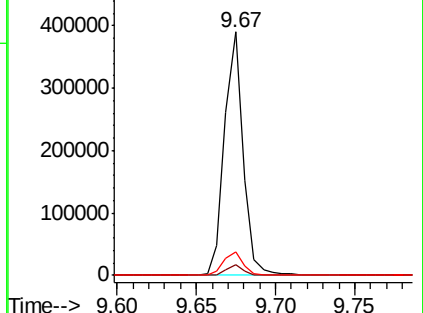
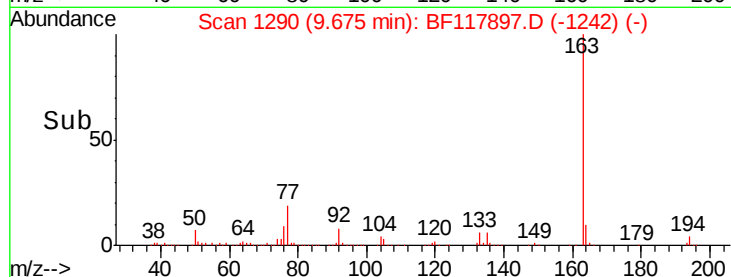
164 9.9 8.7 13.1



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: 6.749 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.19 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Tgt Ion:165 Resp: 47466

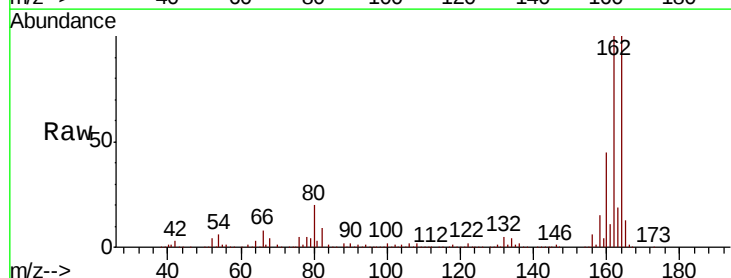
Ion Ratio Lower Upper

165 100

63 1.1 33.7 50.5#

89 1.4 57.3 85.9#

182 0.0 2.3 3.5#

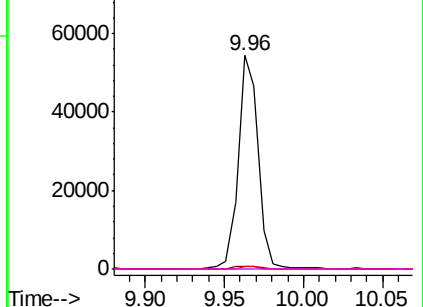
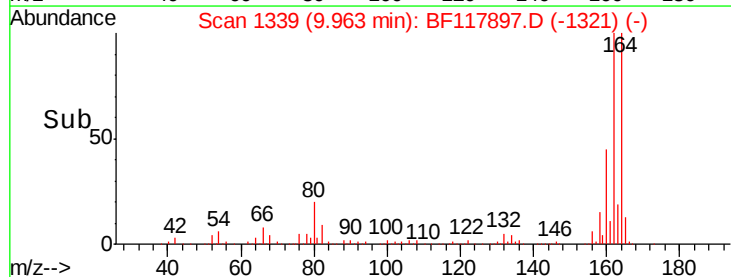


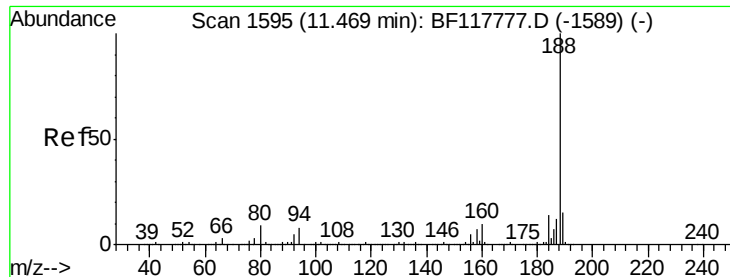
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

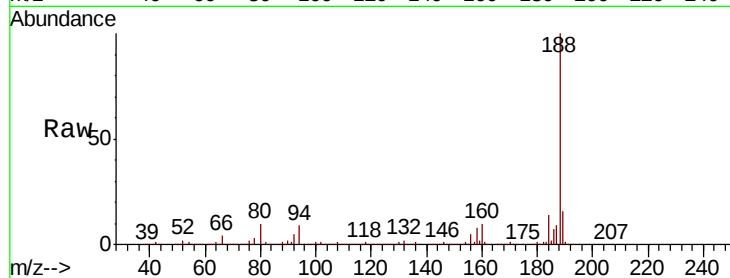
Tot Ion:188 Resp: 585209

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

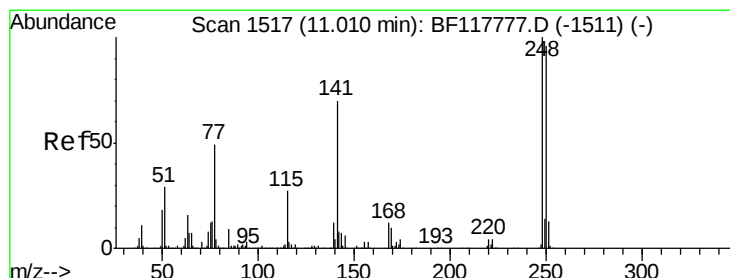
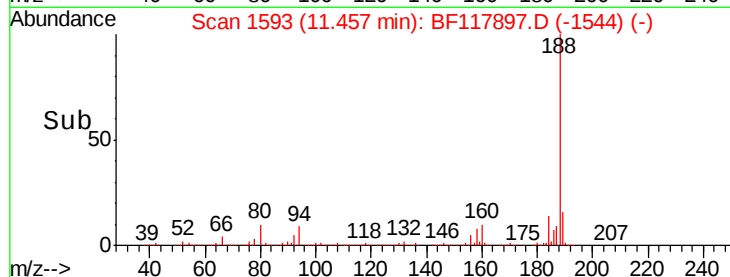
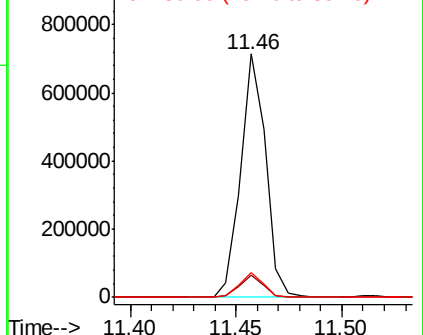
80 10.2 7.2 10.8



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



#67

4-Bromophenyl-phenylether

Concen: 3.474 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

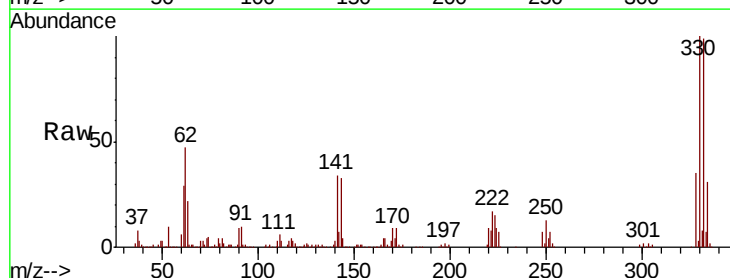
Tgt Ion:248 Resp: 21936

Ion Ratio Lower Upper

248 100

250 197.9 76.6 115.0#

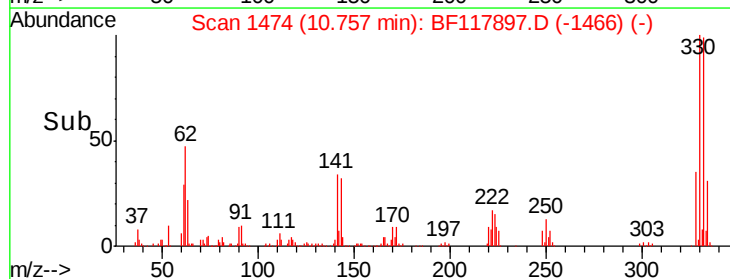
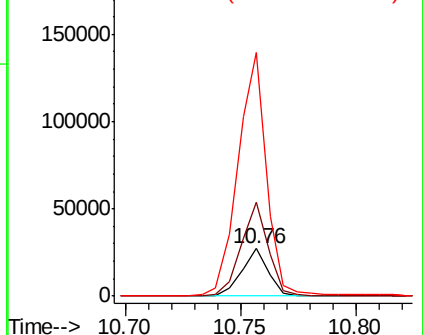
141 515.5 55.9 83.9#

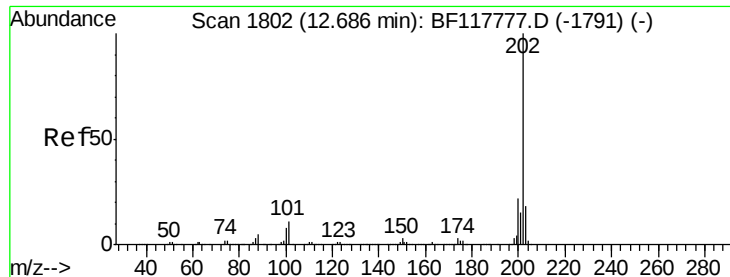


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117897.D

Acq: 20 Nov 2019 17:06

Instrument :

BNA_F

ClientSampleId :

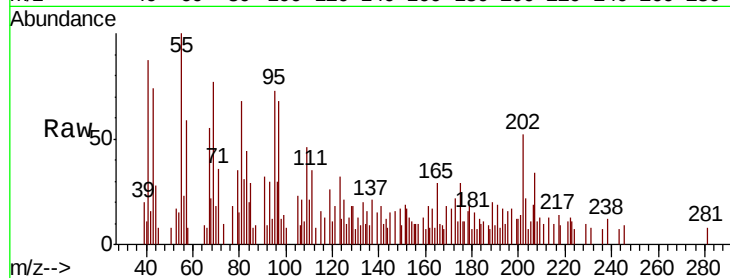
Tot Ion:202 Resp: 2847

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.1

203 42.1 0.0 38.2#

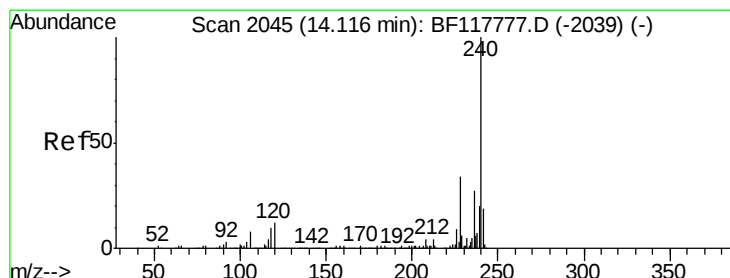
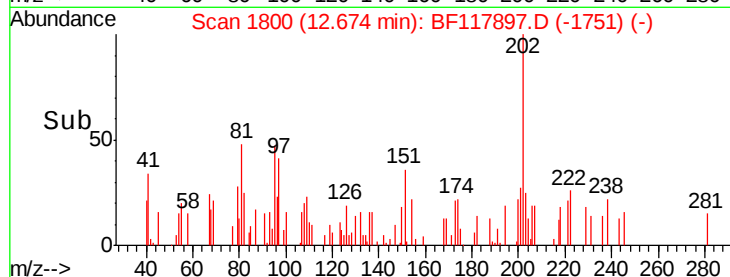
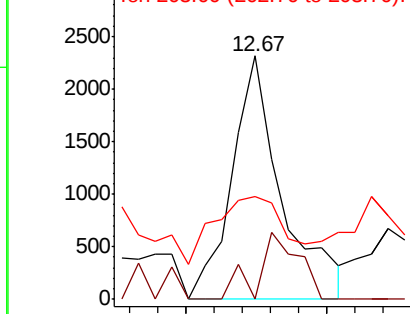


Abundance

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: BF117897.D

Acq: 20 Nov 2019 17:06

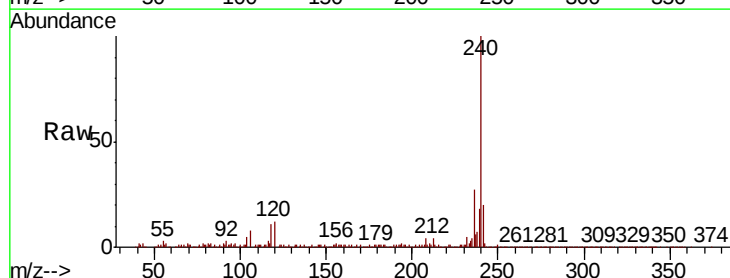
Tgt Ion:240 Resp: 387357

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

236 27.1 21.3 31.9

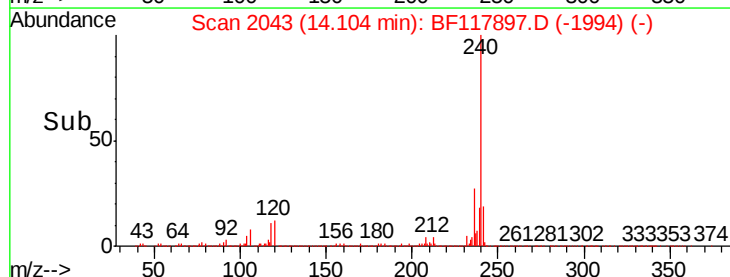
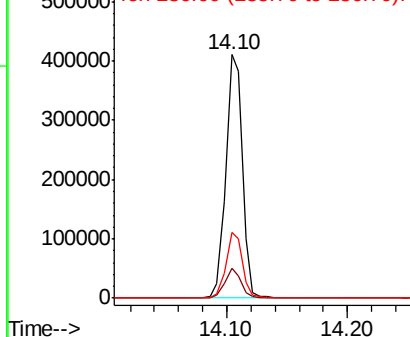


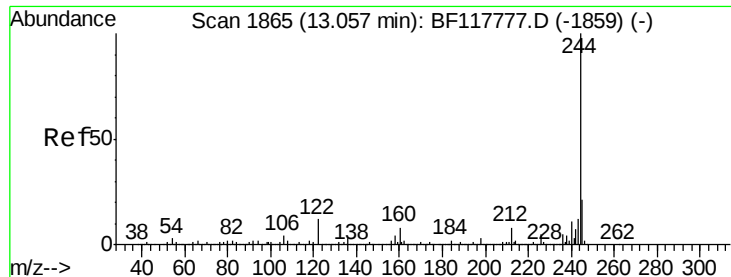
Abundance

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



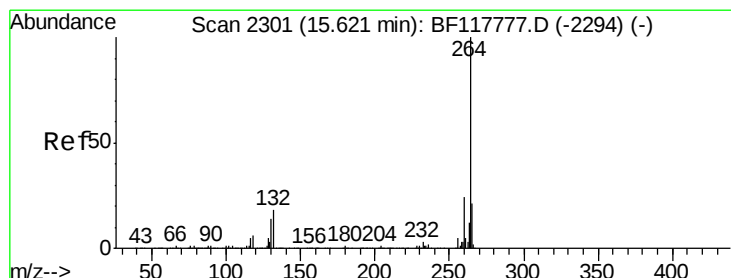
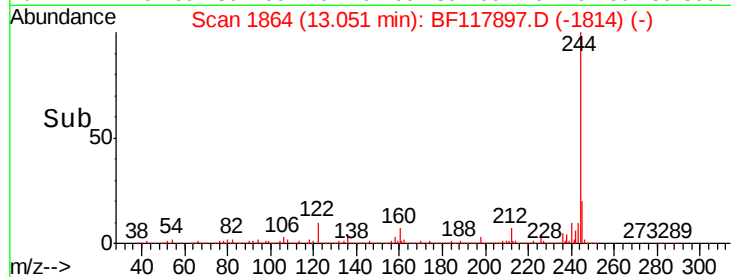
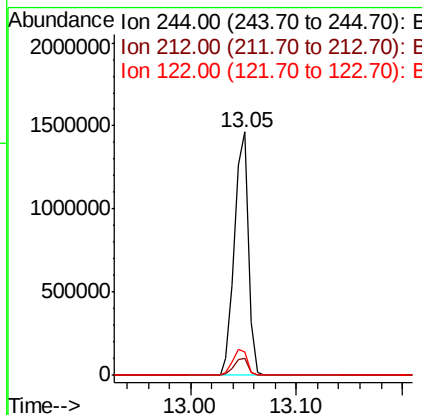
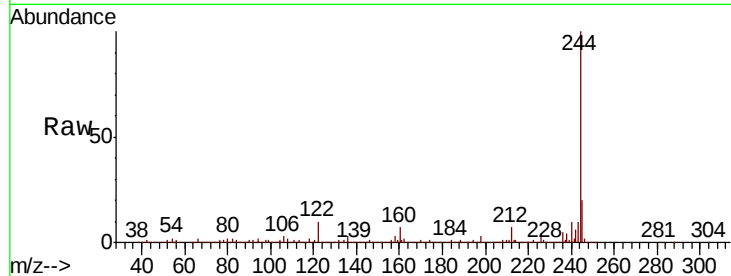


#79
 Terphenyl-d14
 Concen: 62.107 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117897.D
 Acq: 20 Nov 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1316347

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	9.7	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BF117897.D
 Acq: 20 Nov 2019 17:06

Tgt Ion:264 Resp: 392196

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.1	17.1	25.7

