

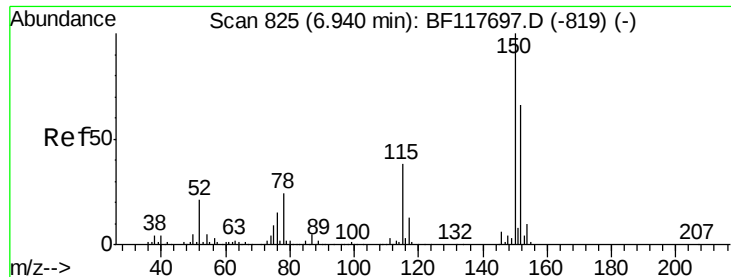
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117706.D
 Acq On : 7 Nov 2019 15:59
 Operator : JU
 Sample : K5710-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP- 31-S

Quant Time: Nov 08 01:23:57 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	319835	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1230372	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	653998	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1205057	20.00	ng	0.00
76) Chrysene-d12	14.12	240	764141	20.00	ng	-0.01
87) Perylene-d12	15.63	264	856965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1841792	104.24	ng	0.00
7) Phenol-d6	6.55	99	2307026	105.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	1407882	67.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	634752	99.22	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2548730	76.89	ng	0.00
79) Terphenyl-d14	13.06	244	2737146	73.74	ng	0.00
Target Compounds						
10) Phenol	6.56	94	85131	3.626	ng	93
19) n-Nitroso-di-n-propylamine	7.49	70	192359	13.428	ng	# 77
25) Isophorone	7.49	82	1406176	35.279	ng	# 62
50) Dimethylphthalate	9.69	163	536654	12.138	ng	99
57) 2,4-Dinitrotoluene	9.98	165	84935	6.688	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	39886	3.031	ng	# 1

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

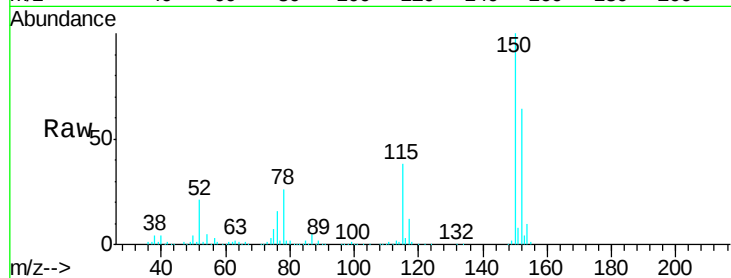


#1

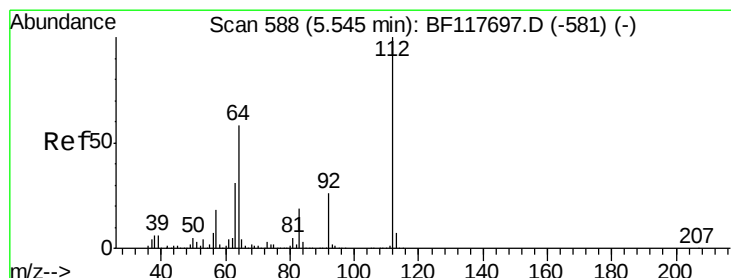
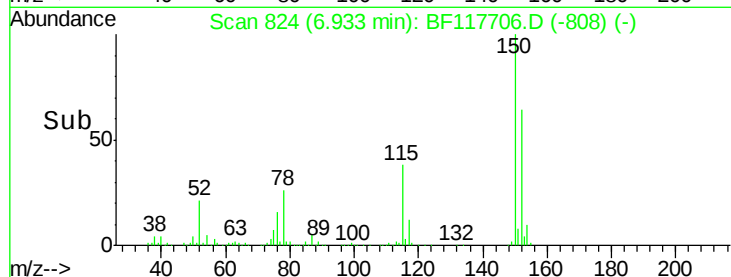
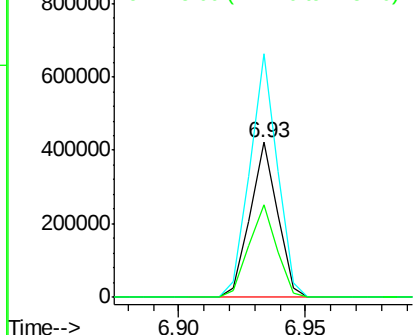
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Instrument :
BNA_F
ClientSampleId :
TP- 31-S

Tgt Ion:152 Resp: 319835
Ion Ratio Lower Upper
152 100
150 157.0 121.4 182.2
115 59.5 46.7 70.1



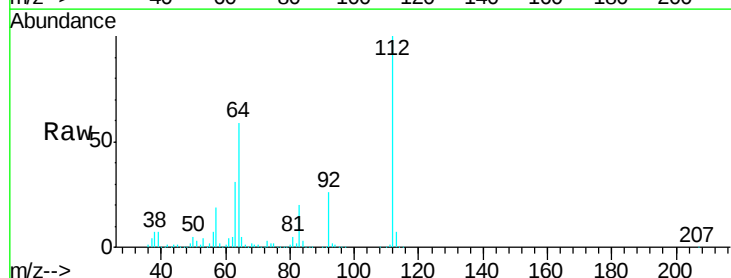
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



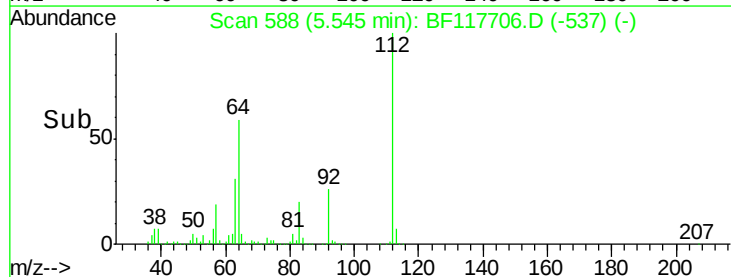
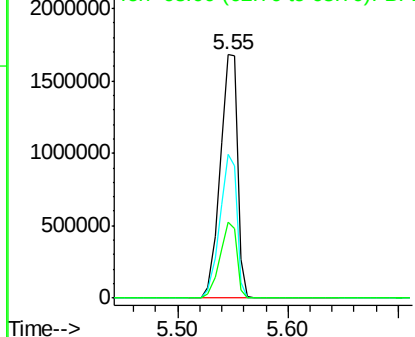
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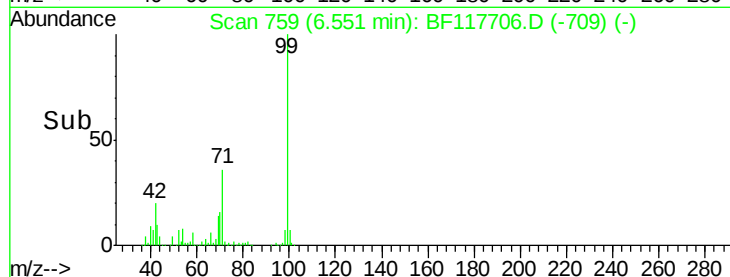
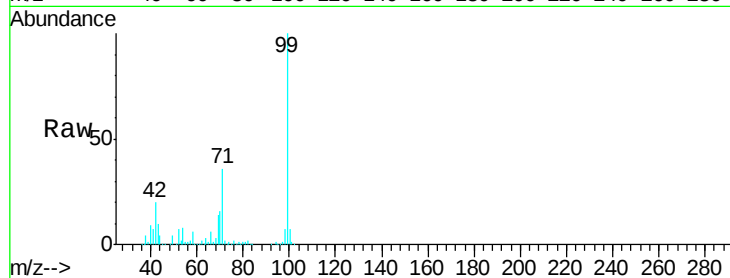
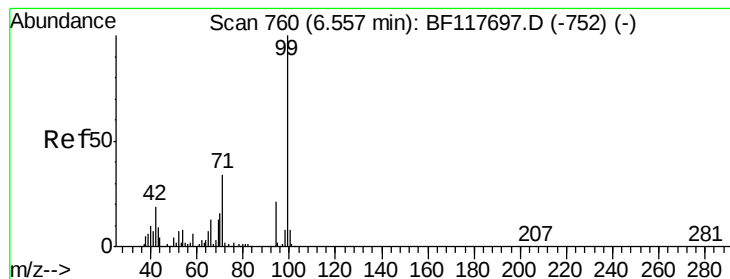
2-Fluorophenol
Concen: 104.239 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion:112 Resp: 1841792
Ion Ratio Lower Upper
112 100
64 59.1 46.4 69.6
63 31.4 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: 105.893 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

BNA_F

ClientSampled :

TP- 31-S

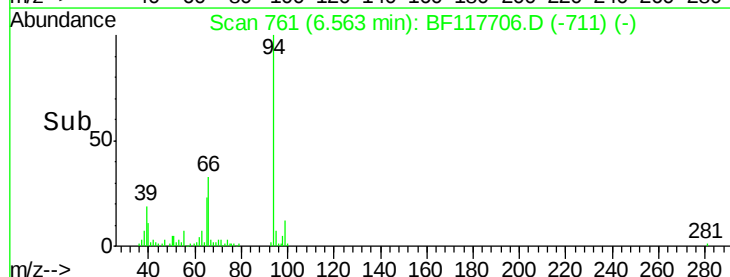
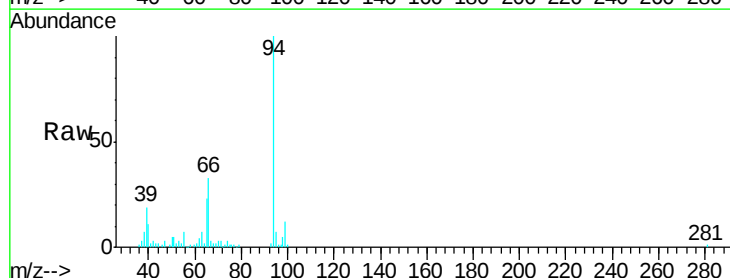
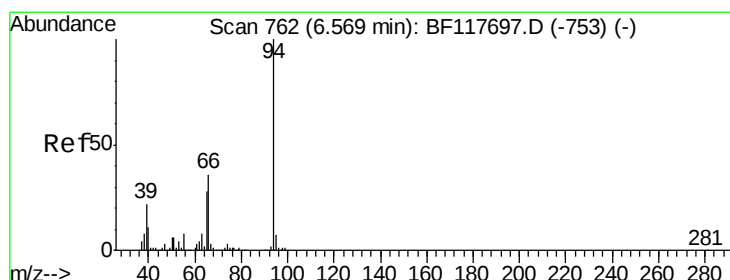
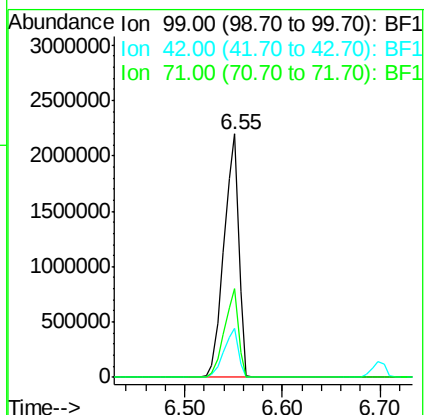
Tgt Ion: 99 Resp: 2307026

Ion Ratio Lower Upper

99 100

42 20.2 15.3 22.9

71 36.2 26.8 40.2



#10

Phenol

Concen: 3.626 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

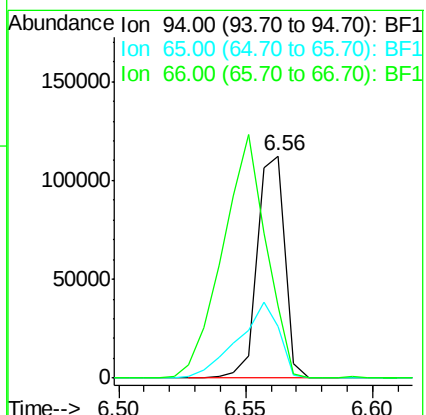
Tgt Ion: 94 Resp: 85131

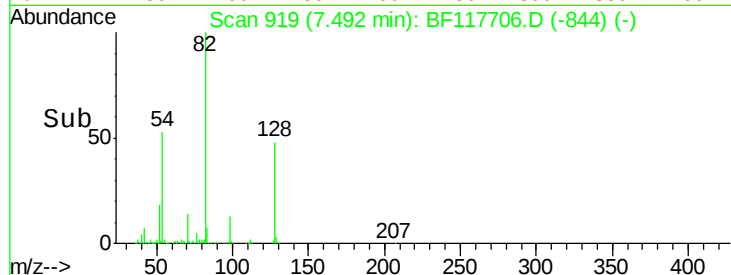
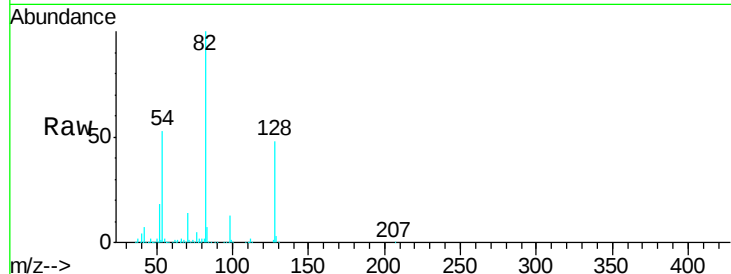
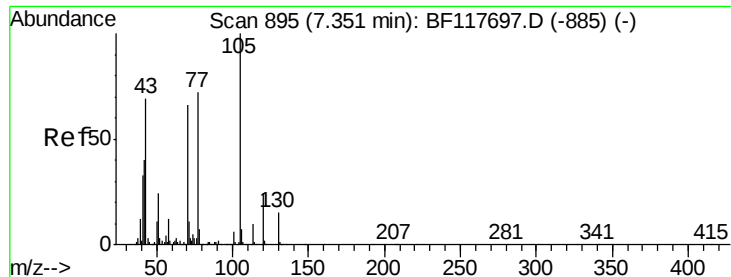
Ion Ratio Lower Upper

94 100

65 23.0 7.6 47.6

66 32.6 16.1 56.1

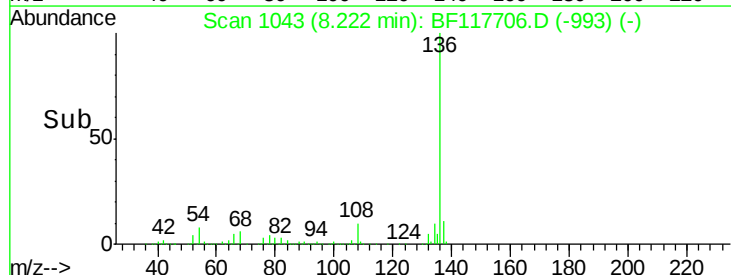
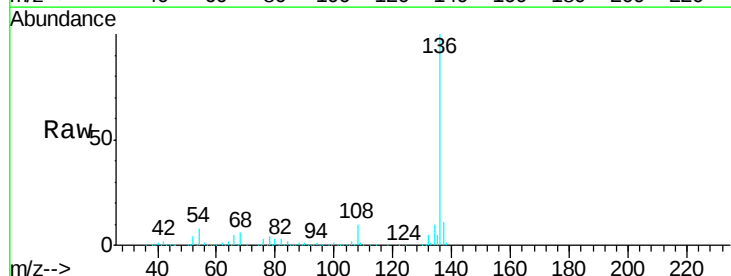
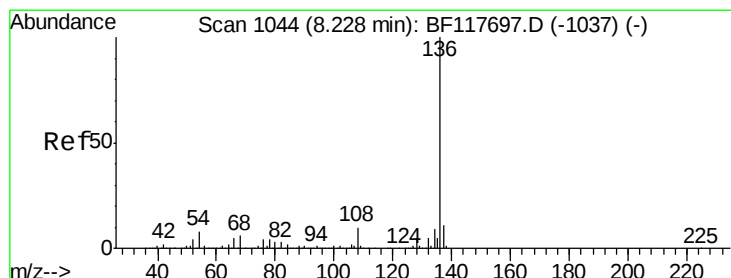
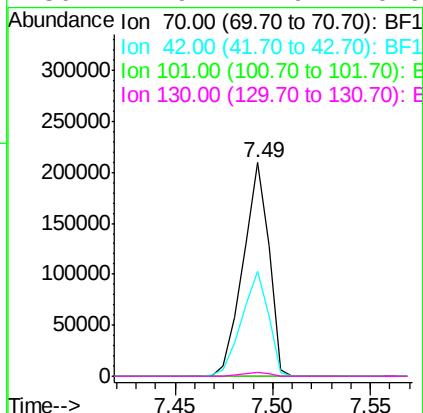




#19
n-Nitroso-di-n-propylamine
Concen: 13.428 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

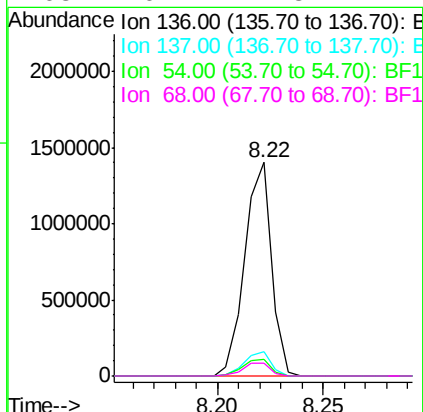
Instrument :
BNA_F
ClientSampleId :
TP- 31-S

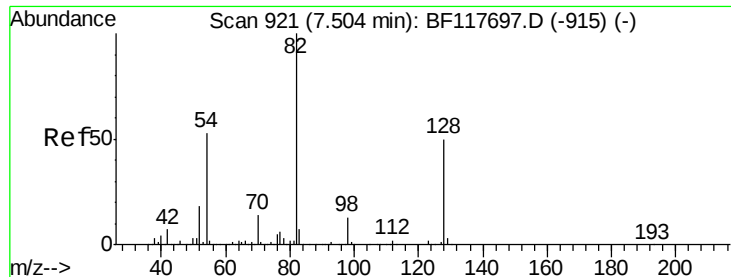
Tgt Ion: 70 Resp: 192359
Ion Ratio Lower Upper
70 100
42 49.4 49.1 73.7
101 0.0 7.8 11.8#
130 1.9 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion: 136 Resp: 1230372
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 6.0 9.0
68 6.1 4.8 7.2

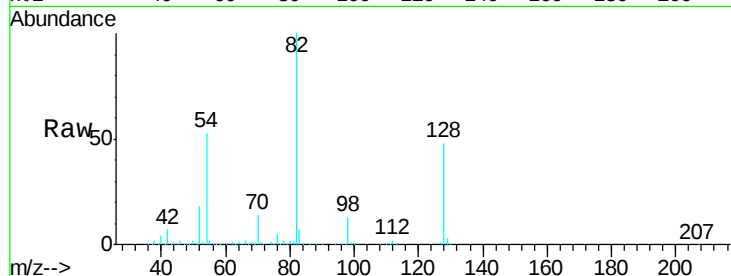




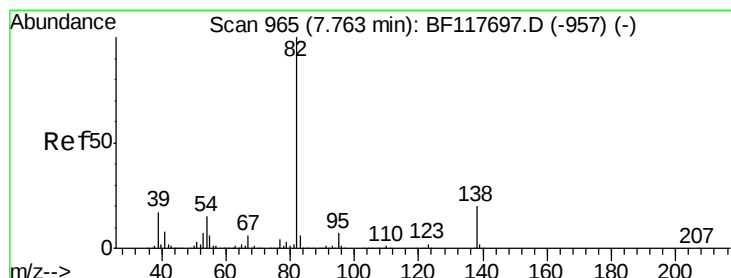
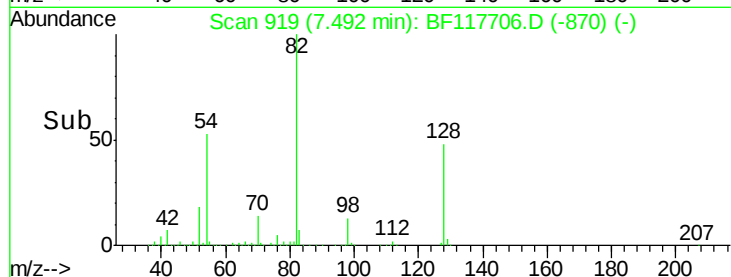
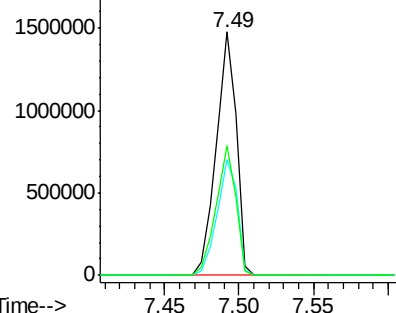
#23
Nitrobenzene-d5
Concen: 67.557 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Instrument :
BNA_F
ClientSampleId :
TP- 31-S

Tgt Ion: 82 Resp: 1407882
Ion Ratio Lower Upper
82 100
128 47.7 40.2 60.2
54 53.4 42.0 63.0

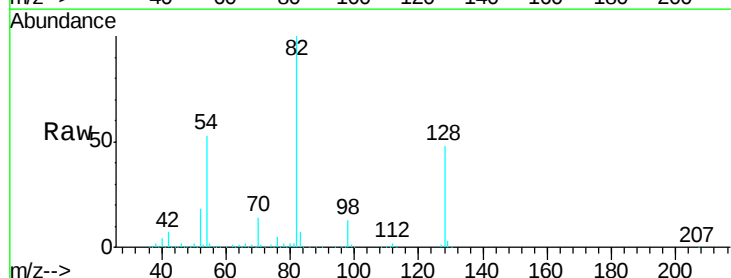


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

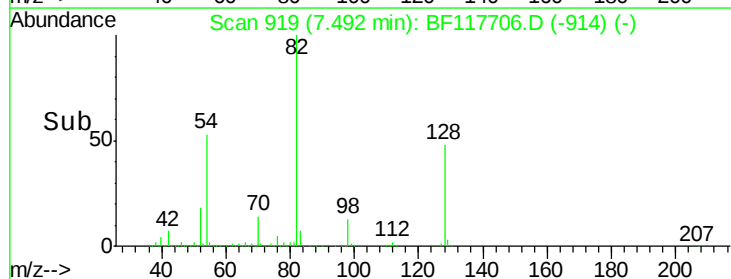
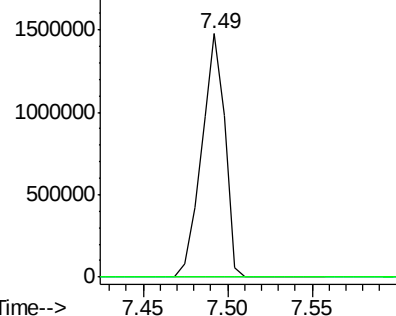


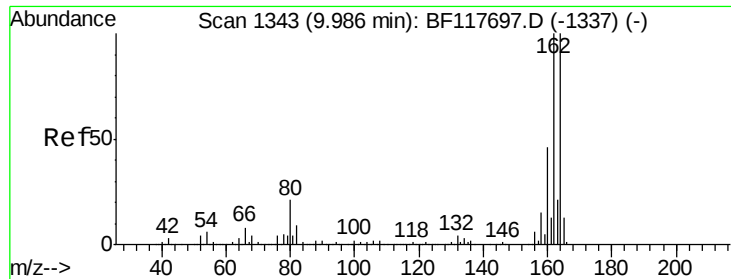
#25
Isophorone
Concen: 35.279 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion: 82 Resp: 1406176
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): BF1

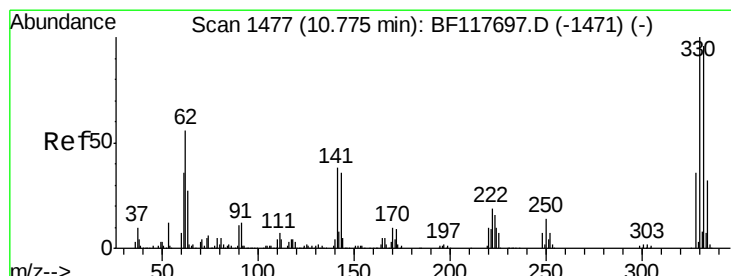
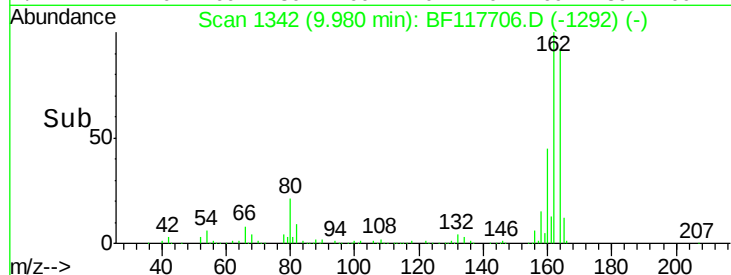
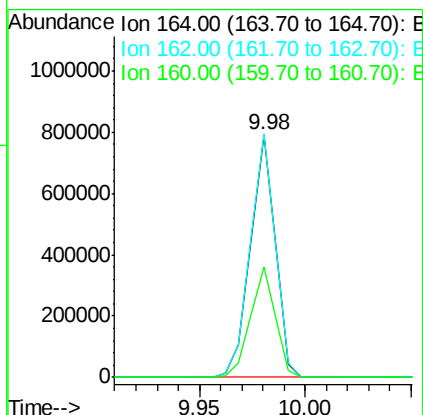
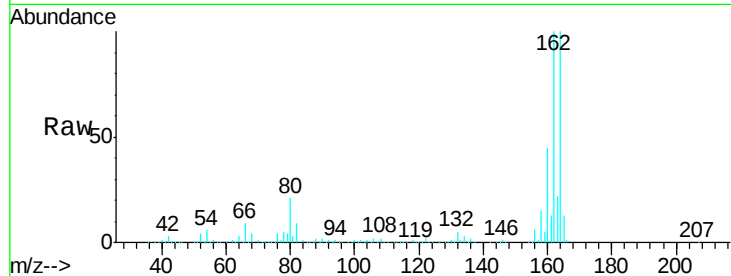




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117706.D
 Acq: 7 Nov 2019 15:59

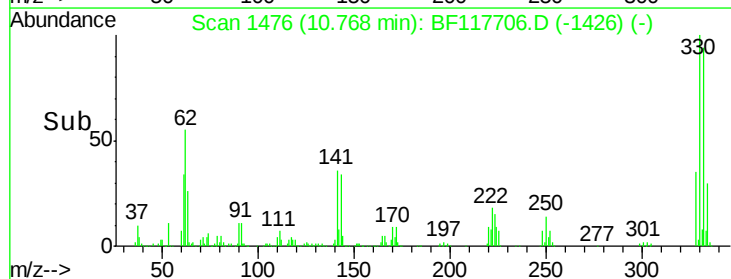
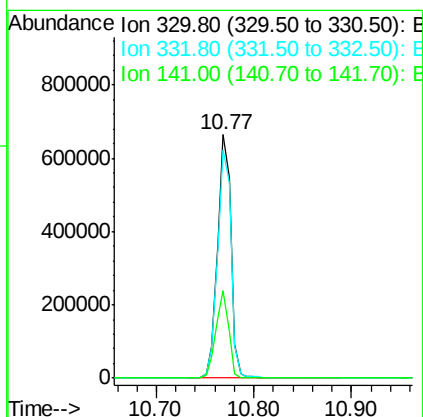
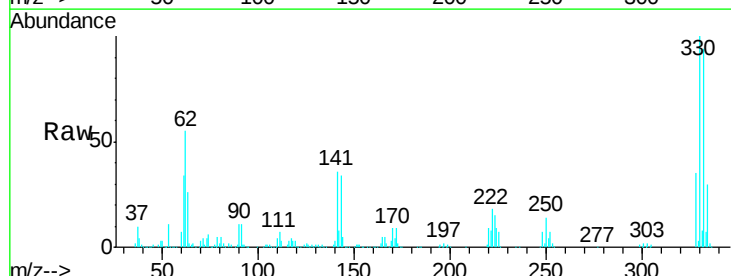
Instrument :
 BNA_F
 ClientSampled :
 TP- 31-S

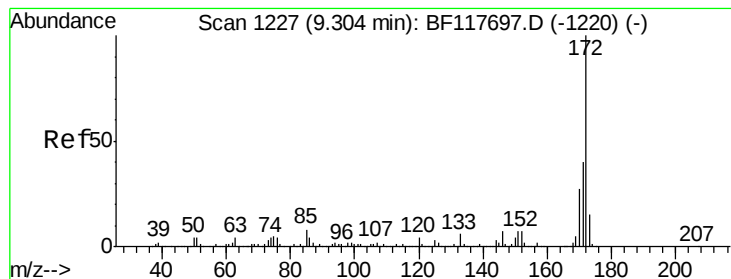
Tgt Ion:164 Resp: 653998
 Ion Ratio Lower Upper
 164 100
 162 100.4 79.7 119.5
 160 45.4 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 99.217 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117706.D
 Acq: 7 Nov 2019 15:59

Tgt Ion:330 Resp: 634752
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 34.3 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 76.891 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

BNA_F

ClientSampleId :

TP- 31-S

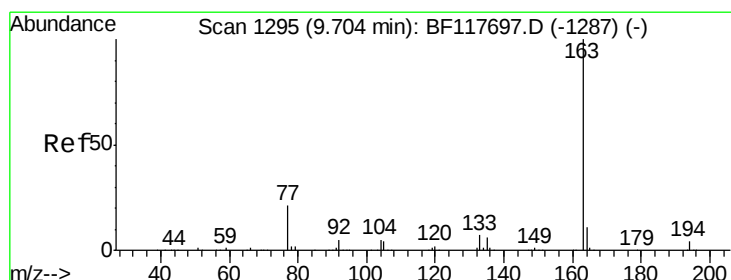
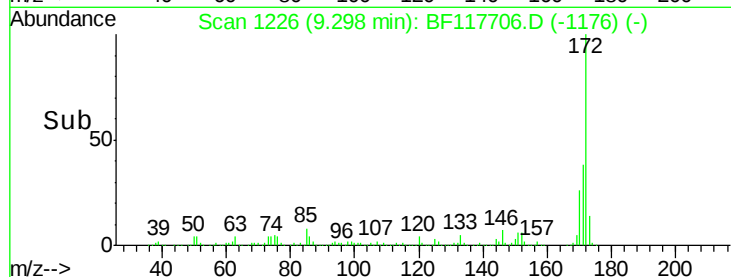
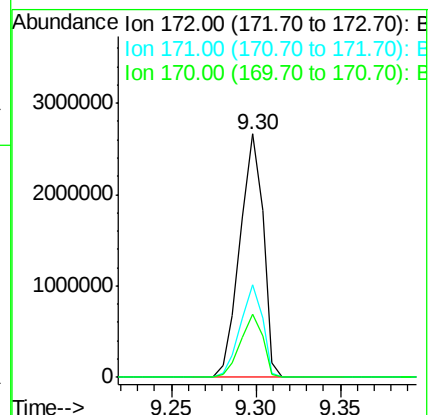
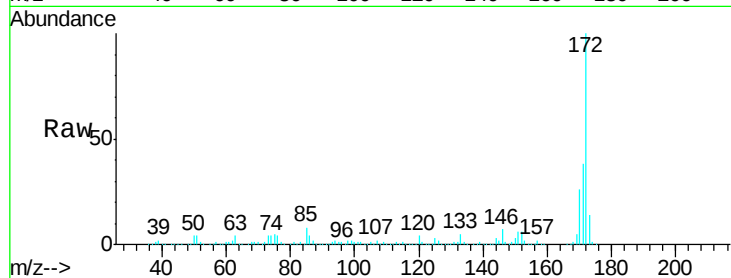
Tgt Ion:172 Resp: 2548730

Ion Ratio Lower Upper

172 100

171 38.2 31.8 47.8

170 26.0 21.6 32.4



#50

Dimethylphthalate

Concen: 12.138 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

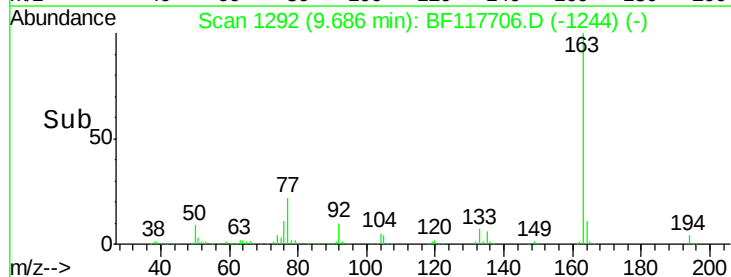
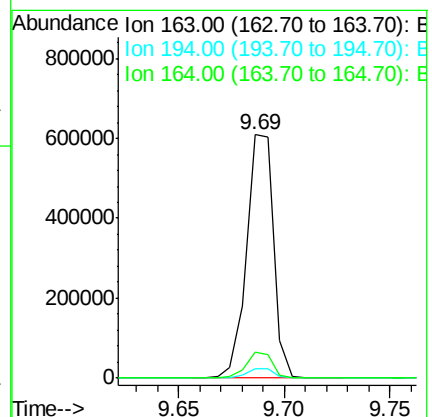
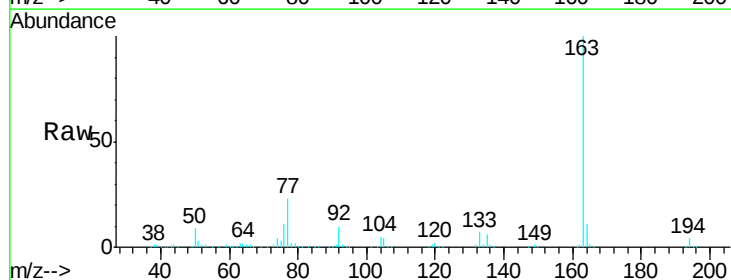
Tgt Ion:163 Resp: 536654

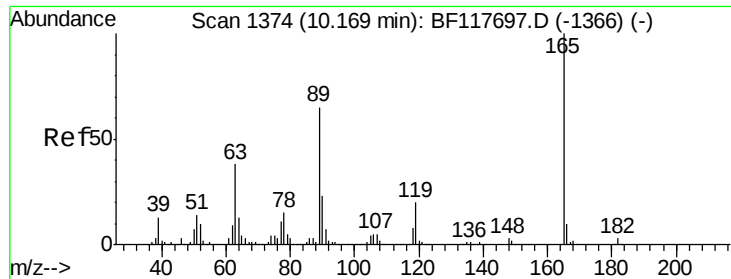
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.5 8.9 13.3

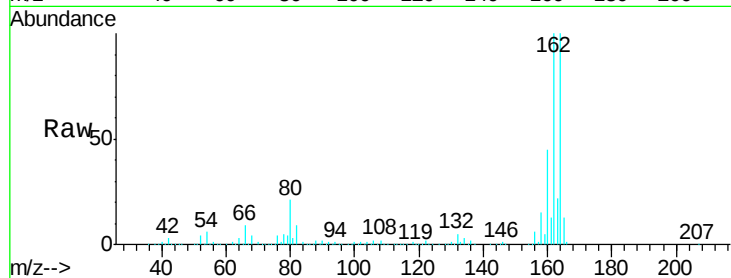




#57
 2,4-Dinitrotoluene
 Concen: 6.688 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117706.D
 Acq: 7 Nov 2019 15:59

Instrument :
 BNA_F
 ClientSampleId :
 TP- 31-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	30.4	45.6#
89	1.0	52.2	78.4#
182	0.0	2.3	3.5#

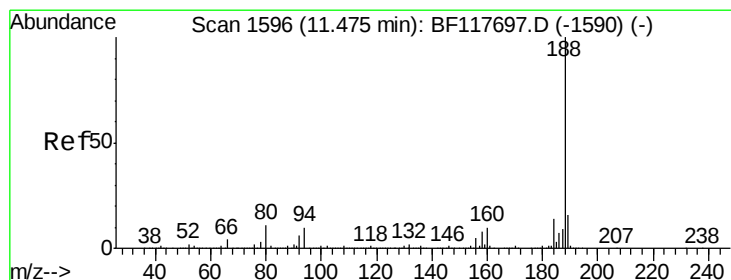
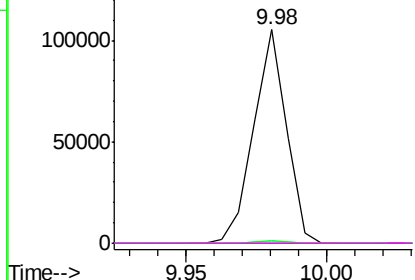
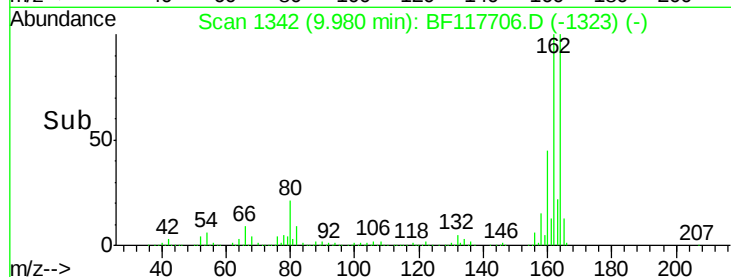


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

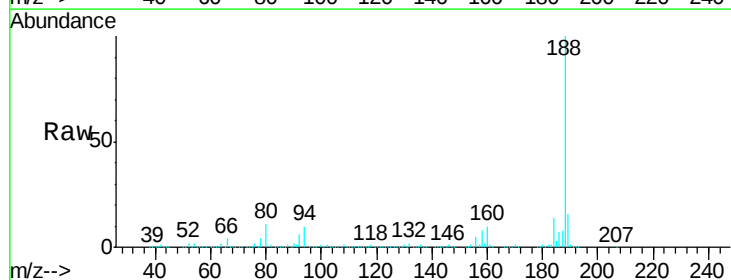
Ion 89.00 (88.70 to 89.70): BF1

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: BF117706.D
 Acq: 7 Nov 2019 15:59

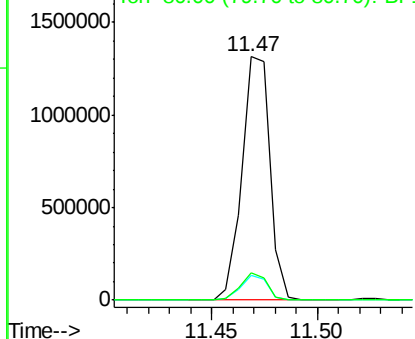
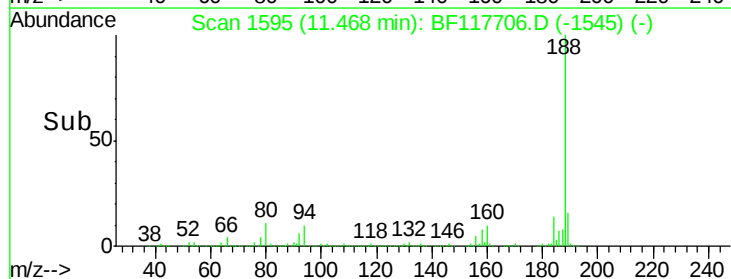
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.4	8.6	13.0

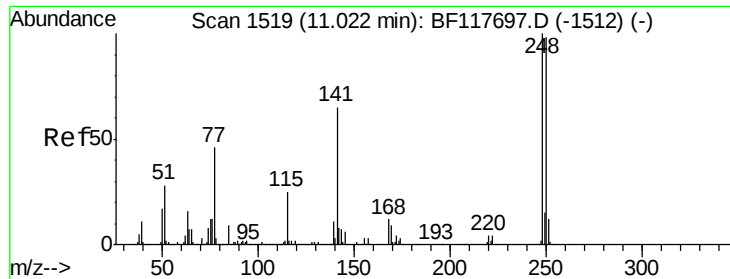


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

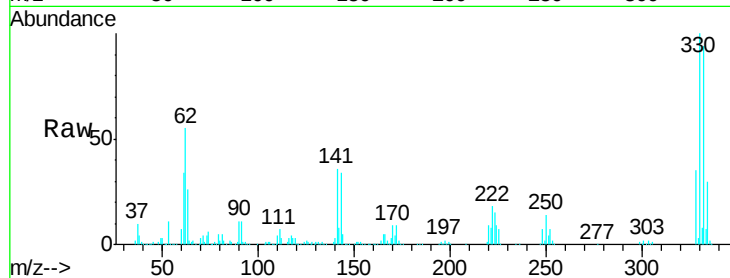




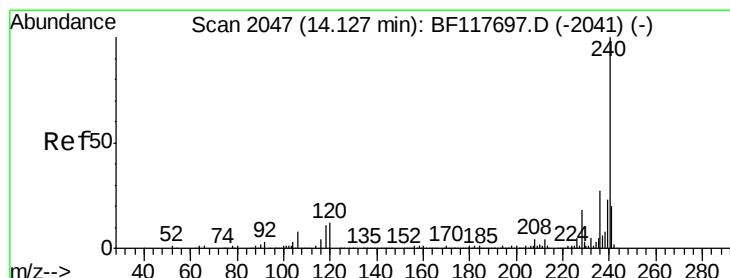
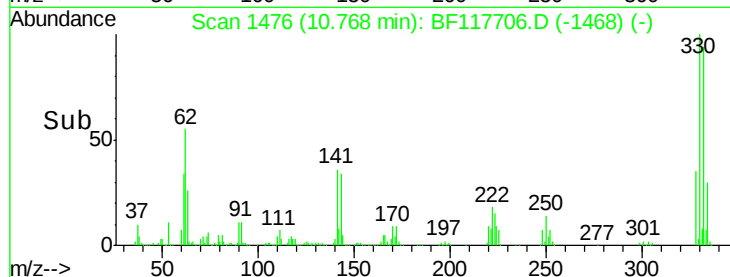
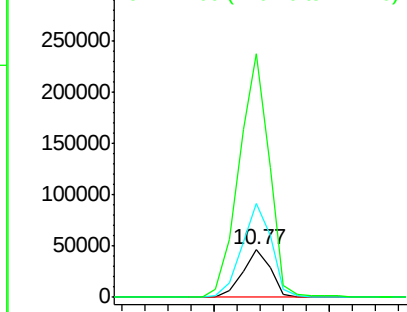
#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Instrument :
BNA_F
ClientSampleId :
TP- 31-S

Tgt Ion:248 Resp: 39886
Ion Ratio Lower Upper
248 100
250 198.3 78.7 118.1#
141 515.6 51.8 77.8#

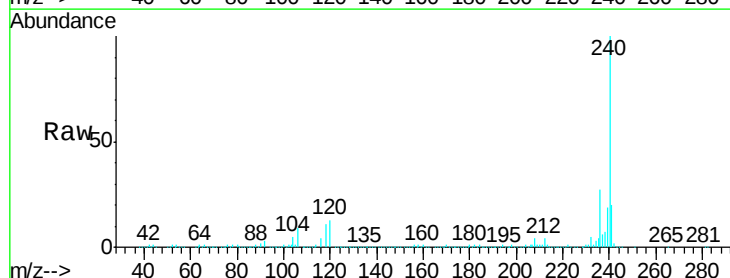


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

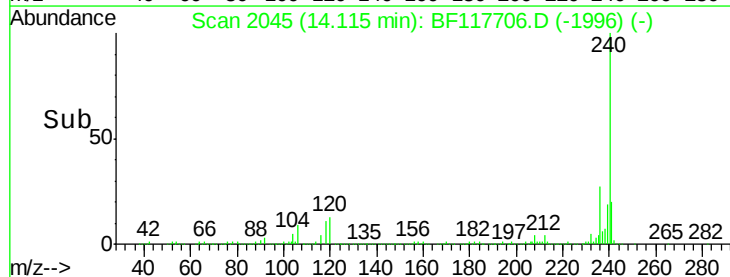
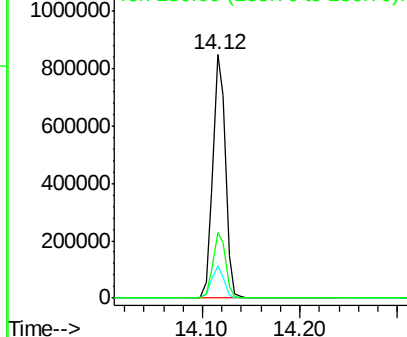


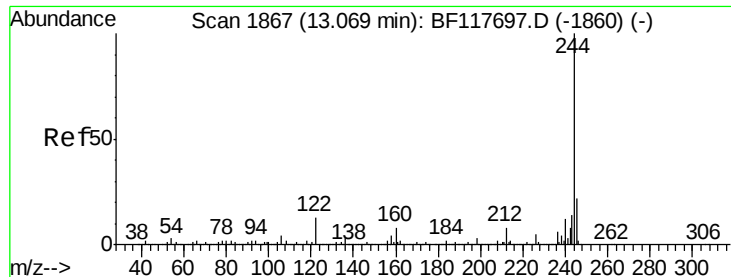
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117706.D
Acq: 7 Nov 2019 15:59

Tgt Ion:240 Resp: 764141
Ion Ratio Lower Upper
240 100
120 13.3 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: 73.738 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

Instrument :

BNA_F

ClientSampleId :

TP- 31-S

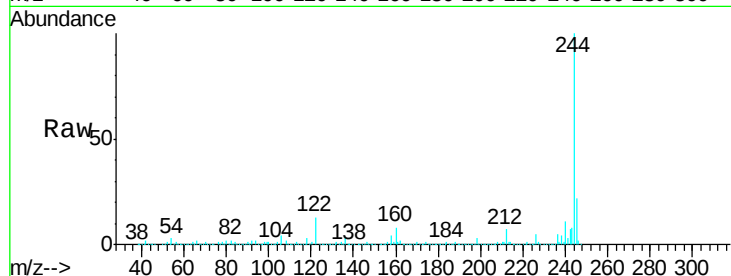
Tgt Ion:244 Resp: 2737146

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

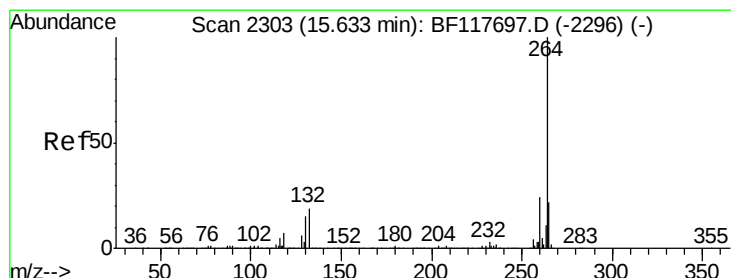
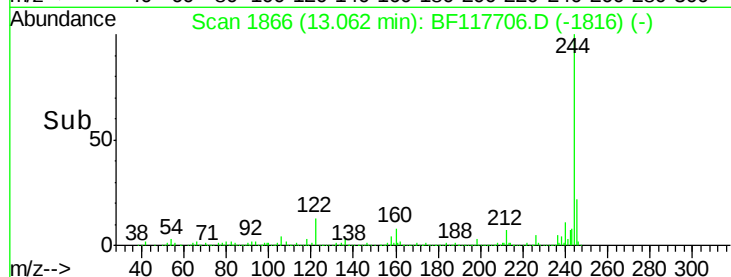
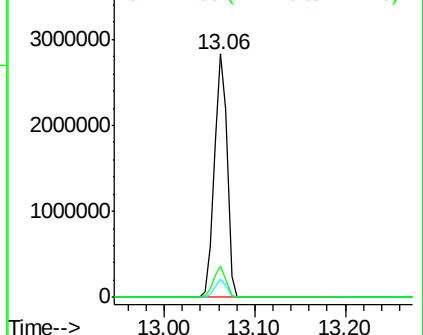
122 12.7 10.0 15.0



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117706.D

Acq: 7 Nov 2019 15:59

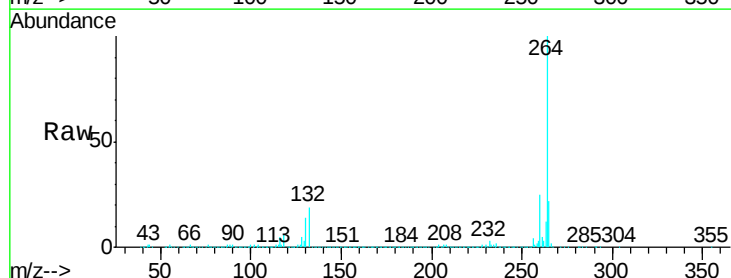
Tgt Ion:264 Resp: 856965

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 21.9 17.7 26.5



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

