

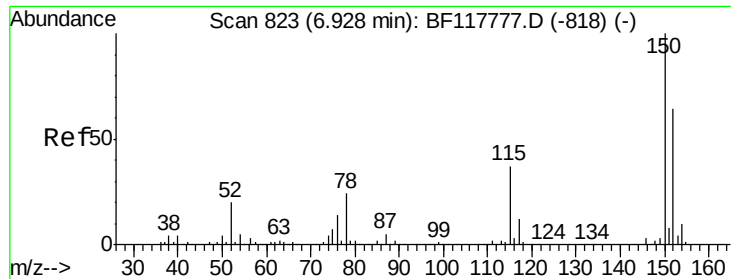
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118055.D
 Acq On : 27 Nov 2019 21:51
 Operator : JU
 Sample : K5999-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 00:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134254	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	531397	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	260911	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	417435	20.00	ng	0.00
76) Chrysene-d12	14.08	240	312079	20.00	ng	0.00
87) Perylene-d12	15.59	264	286568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	67155	8.85	ng	-0.01
7) Phenol-d6	6.50	99	214336	23.43	ng	-0.02
23) Nitrobenzene-d5	7.44	82	142719	15.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	12912	4.67	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	281986	19.39	ng	-0.02
79) Terphenyl-d14	13.02	244	249157	14.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	424	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	19345	3.428 ng	#	73
25) Isophorone	7.44	82	142718	8.711 ng	#	62
50) Dimethylphthalate	9.64	163	38408	2.099 ng	#	98
51) 2,6-Dinitrotoluene	9.93	165	33036	8.262 ng	#	24
57) 2,4-Dinitrotoluene	9.93	165	33036	6.495 ng	#	25
75) Fluoranthene	12.65	202	2507	Below Cal		66

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

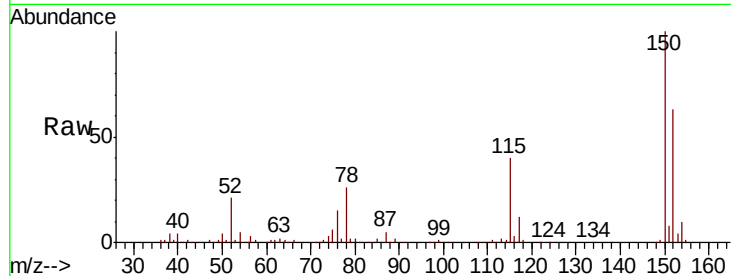


#1

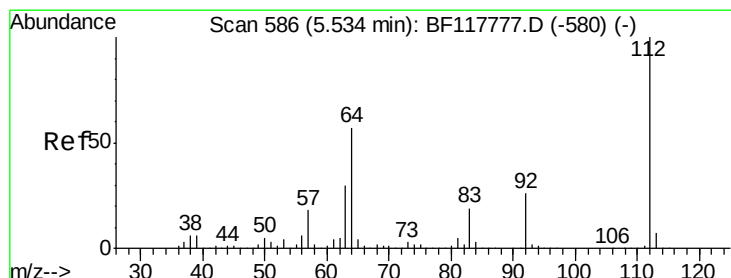
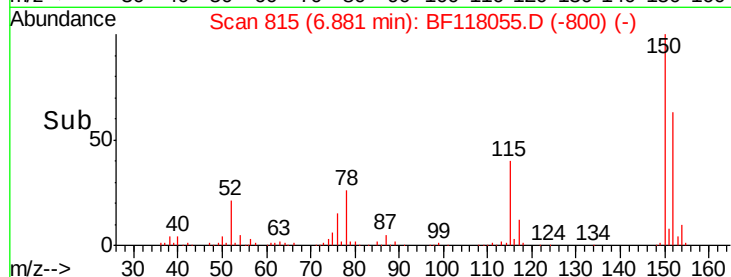
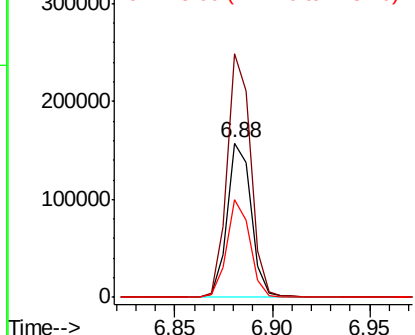
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134254
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 63.5 47.0 70.4



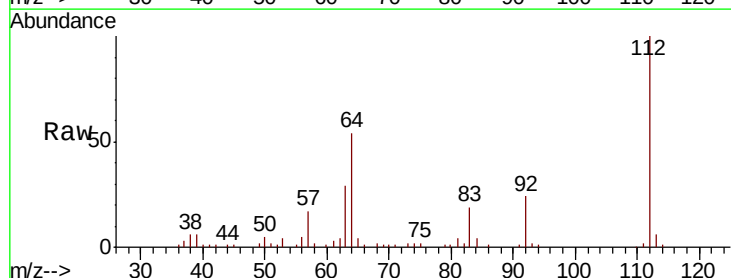
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



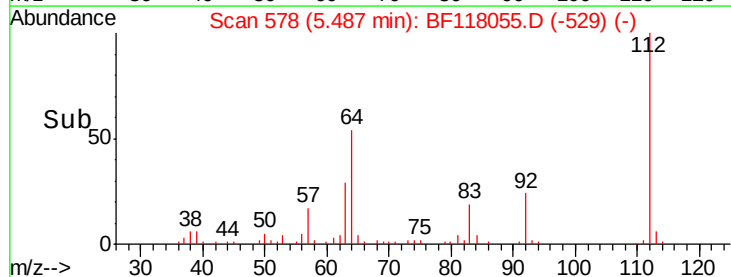
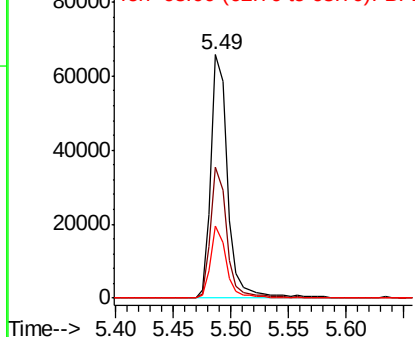
#5

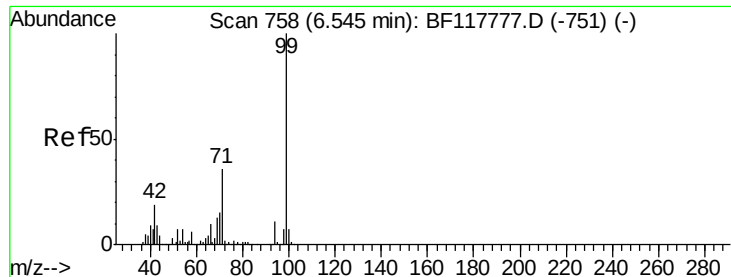
2-Fluorophenol
Concen: 8.854 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

Tgt Ion:112 Resp: 67155
Ion Ratio Lower Upper
112 100
64 53.9 45.6 68.4
63 29.4 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: 23.429 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Instrument :

BNA_F

ClientSampleId :

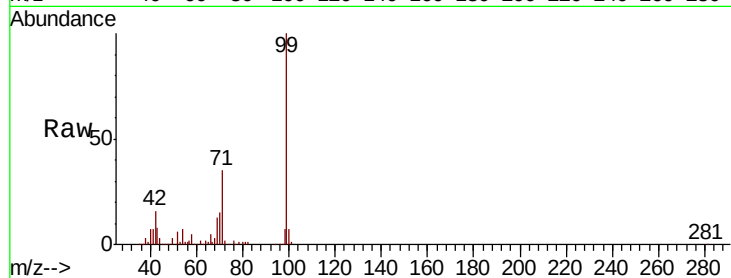
Tot Ion: 99 Resp: 214336

Ion Ratio Lower Upper

99 100

42 16.3 14.9 22.3

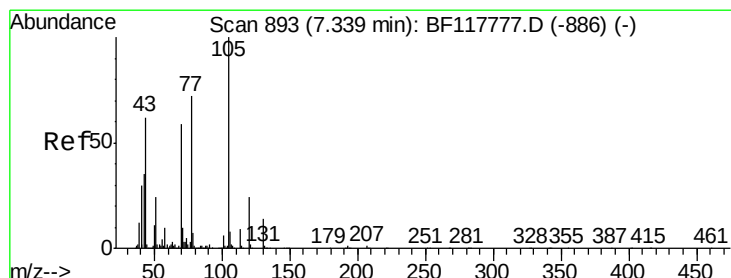
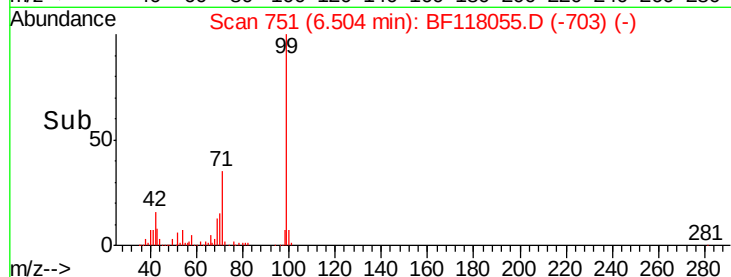
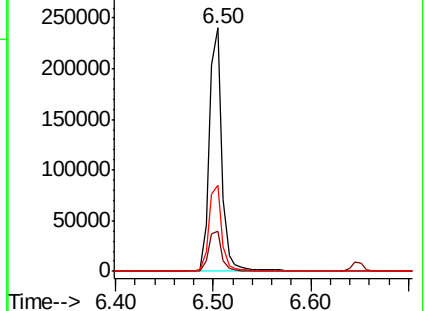
71 35.4 28.6 43.0



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: 3.428 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.13 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Tgt Ion: 70 Resp: 19345

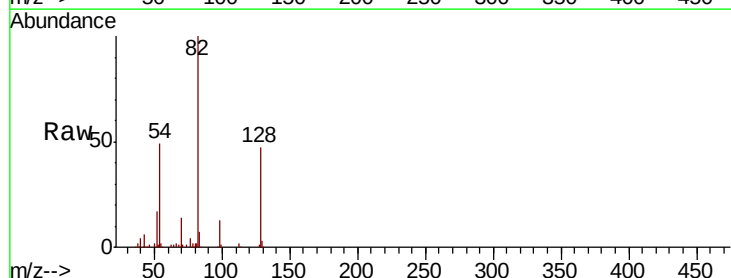
Ion Ratio Lower Upper

70 100

42 43.8 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#

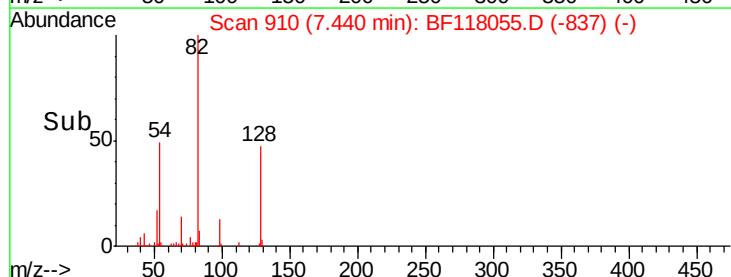
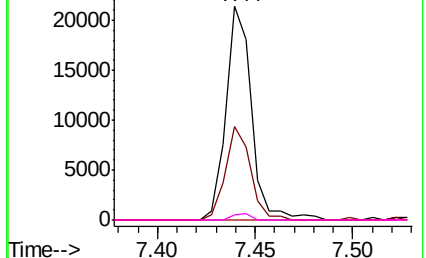


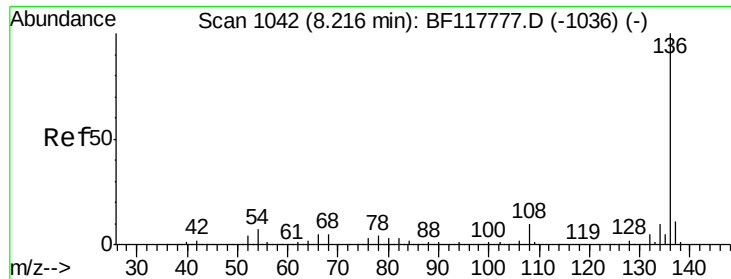
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

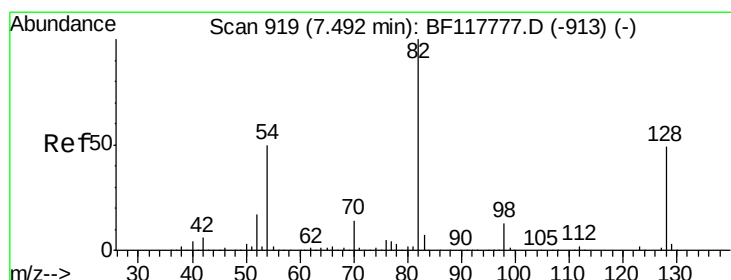
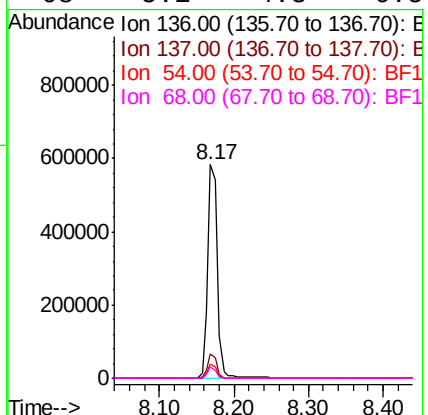
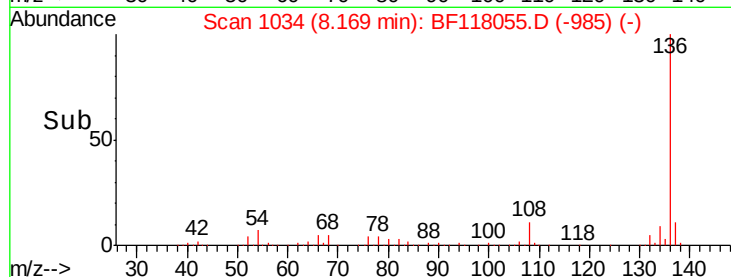
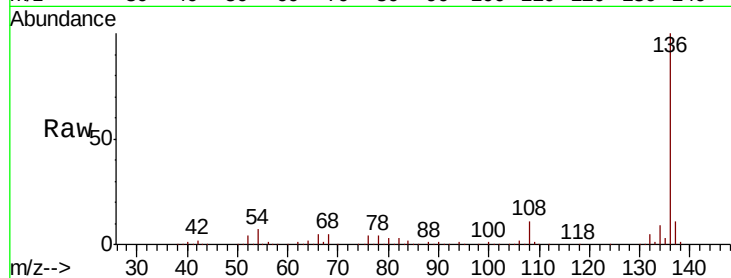




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

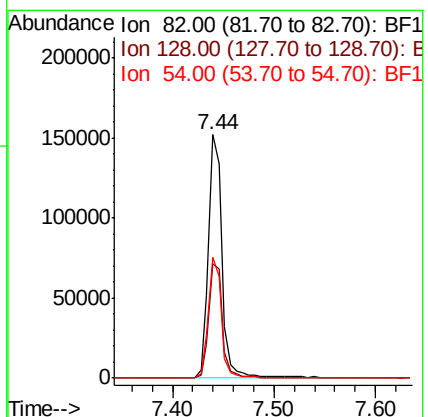
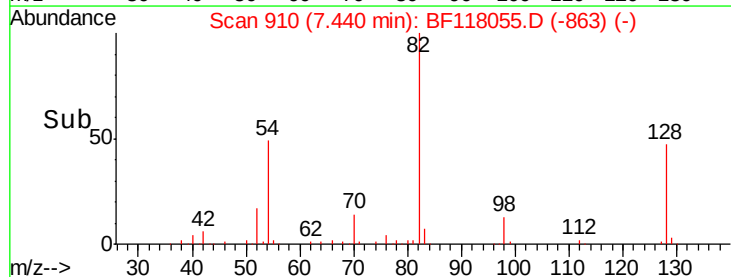
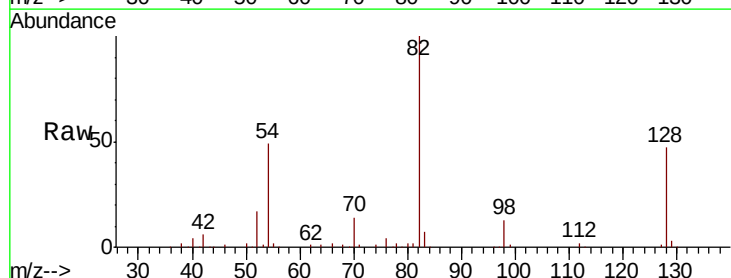
Instrument :
BNA_F
ClientSampleId :

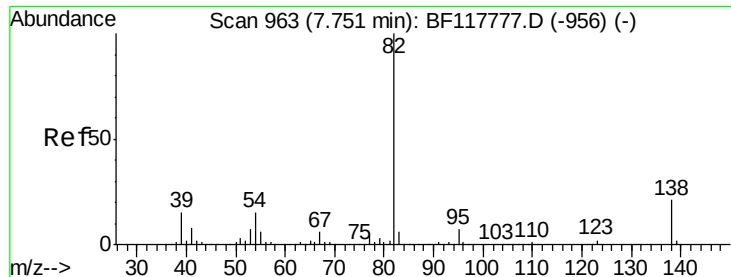
Tot Ion:136	Resp:	531397
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	6.9	5.4 8.2
68	5.1	4.3 6.5



#23
Nitrobenzene-d5
Concen: 15.966 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

Tgt Ion: 82	Resp:	142719
Ion	Ratio	Lower Upper
82	100	
128	47.1	38.9 58.3
54	49.5	39.8 59.6

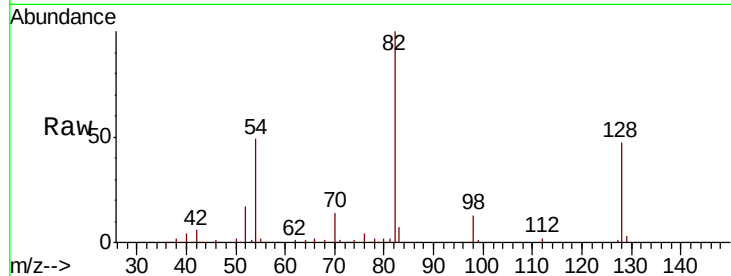




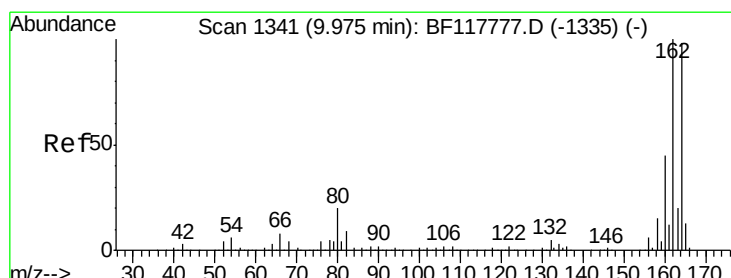
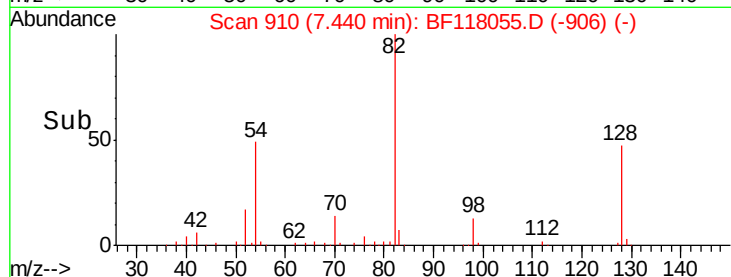
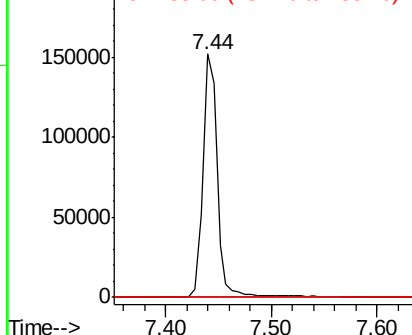
#25
Isophorone
Concen: 8.711 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.28 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 142718
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#

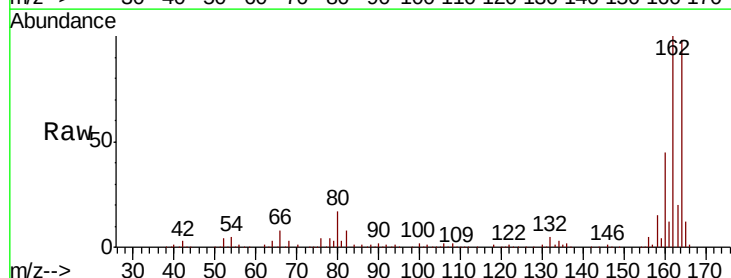


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

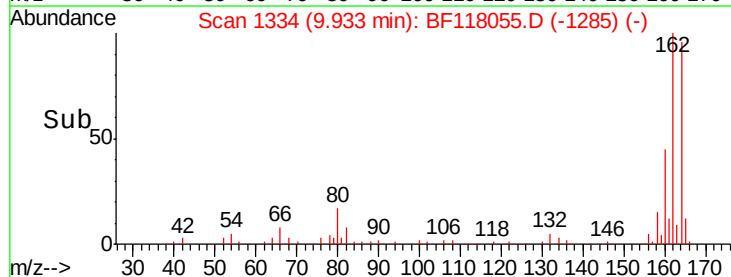
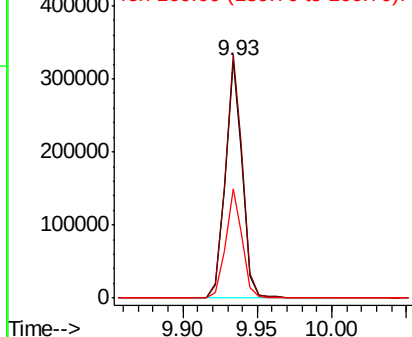


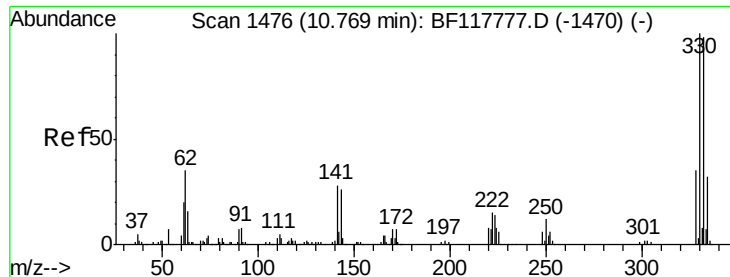
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118055.D
Acq: 27 Nov 2019 21:51

Tgt Ion:164 Resp: 260911
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 46.0 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: 4.674 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Instrument :

BNA_F

ClientSampleId :

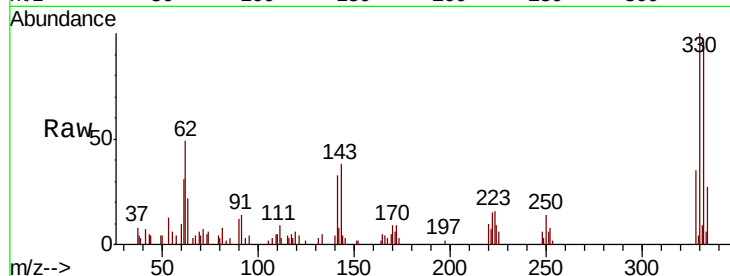
Tot Ion:330 Resp: 12912

Ion Ratio Lower Upper

330 100

332 102.6 76.7 115.1

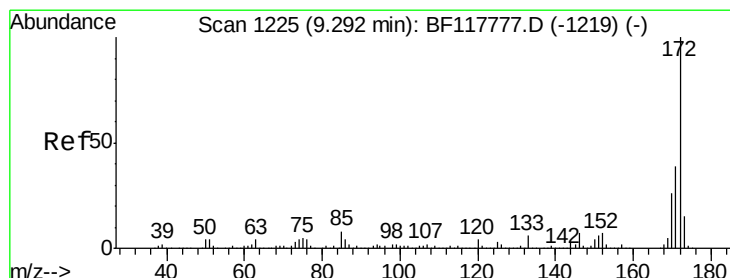
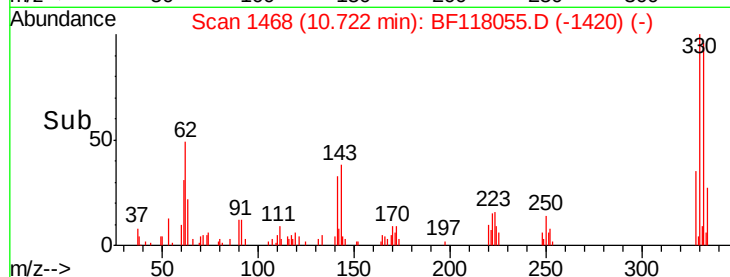
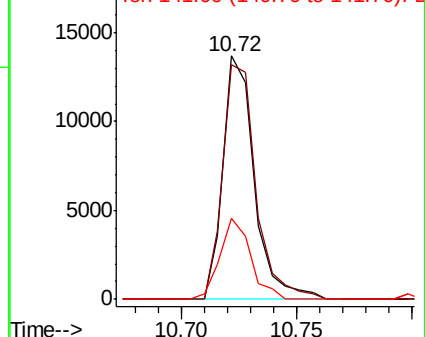
141 32.6 27.7 41.5



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: 19.389 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

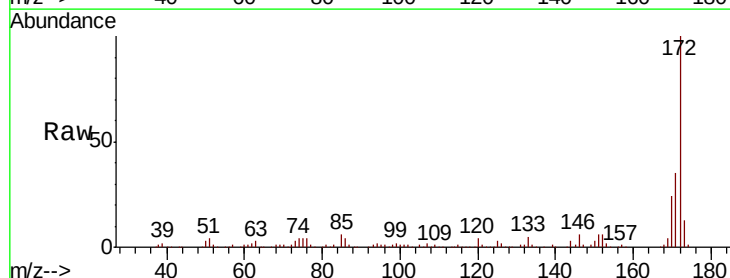
Tgt Ion:172 Resp: 281986

Ion Ratio Lower Upper

172 100

171 35.3 30.9 46.3

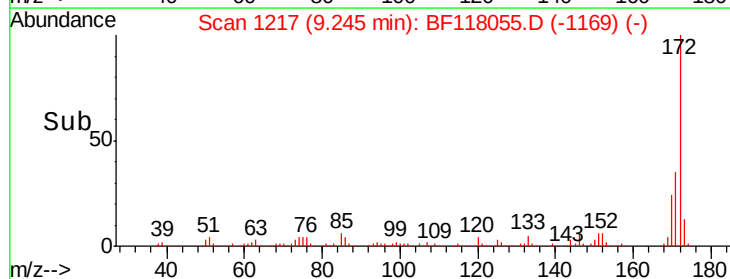
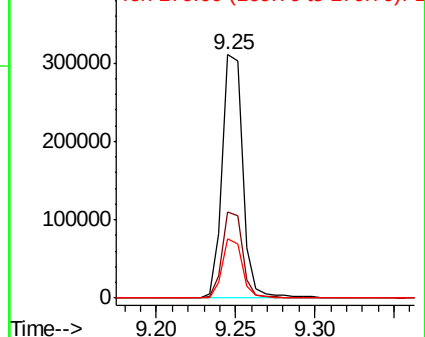
170 24.1 21.0 31.4

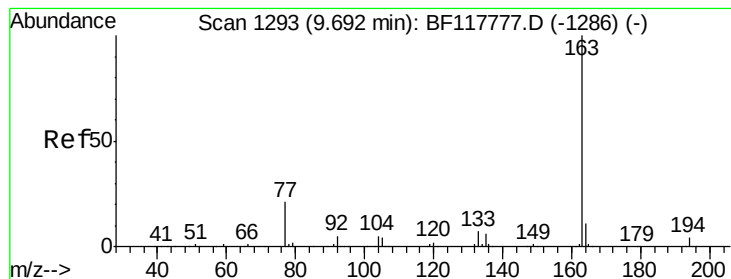


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.099 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Instrument :

BNA_F

ClientSampleId :

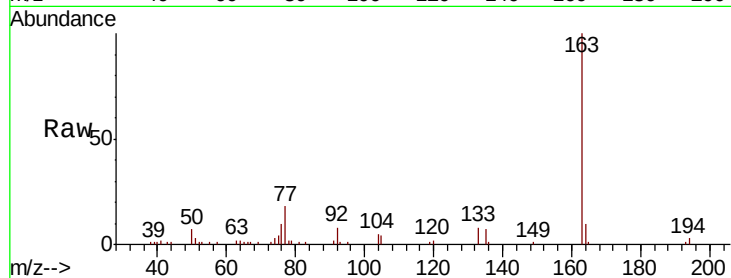
Tot Ion:163 Resp: 38408

Ion Ratio Lower Upper

163 100

194 2.8 3.3 4.9#

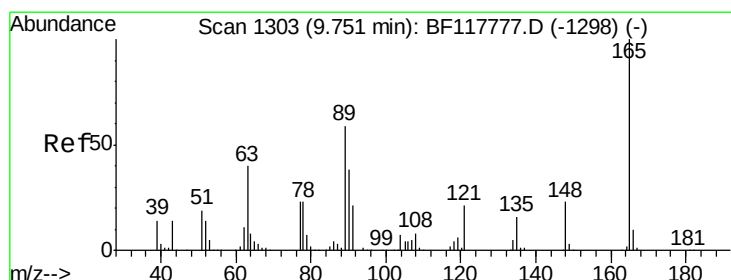
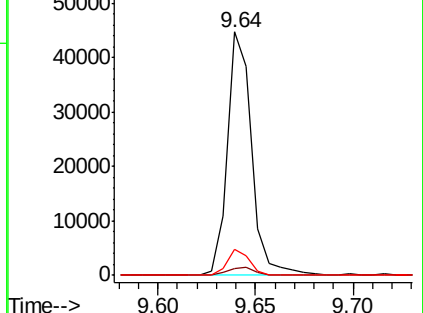
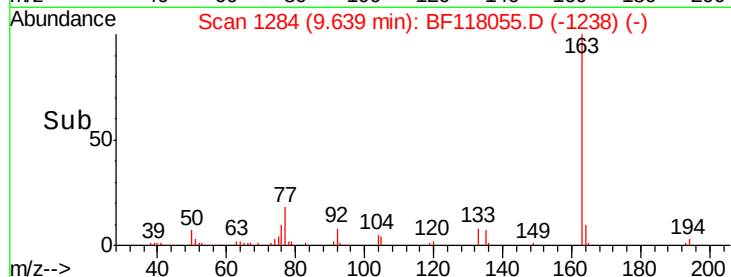
164 10.4 8.7 13.1



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



#51

2,6-Dinitrotoluene

Concen: 8.262 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.21 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

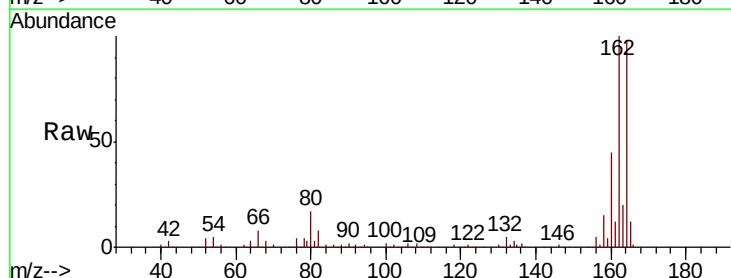
Tgt Ion:165 Resp: 33036

Ion Ratio Lower Upper

165 100

63 1.2 46.0 69.0#

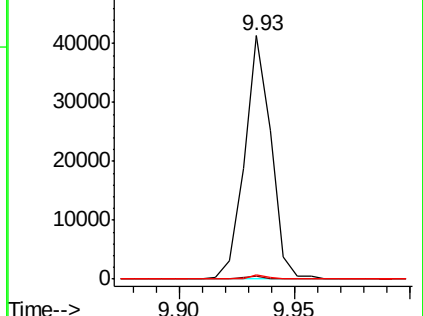
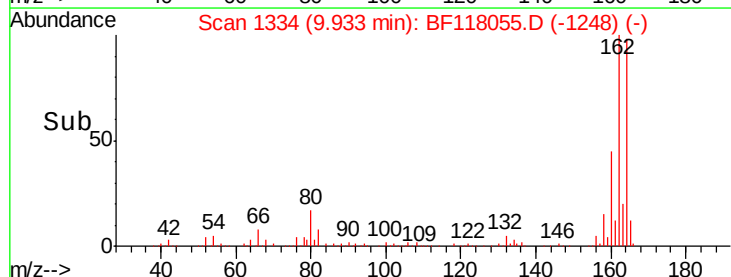
89 1.8 47.7 71.5#

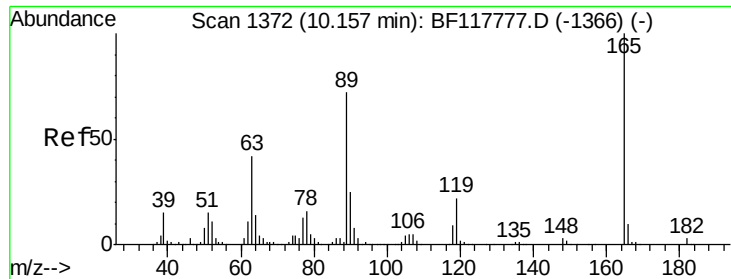


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

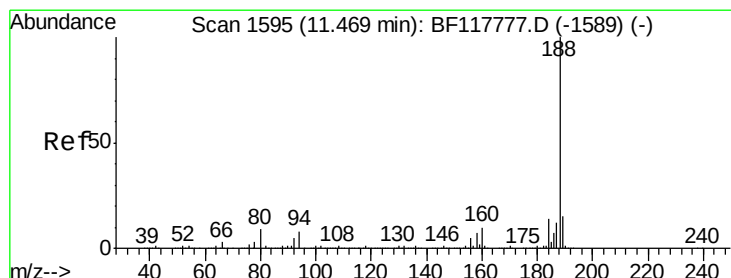
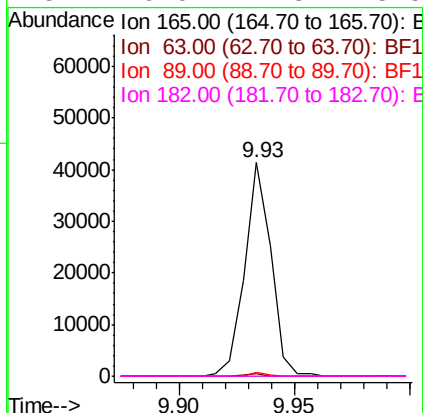
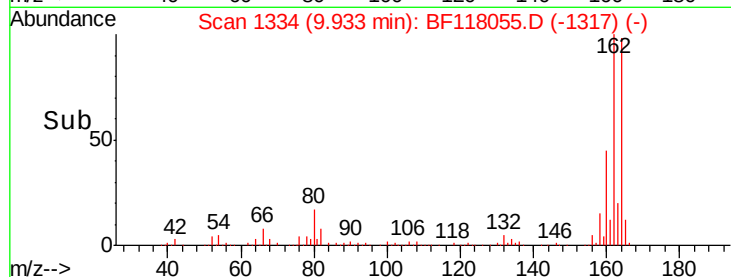
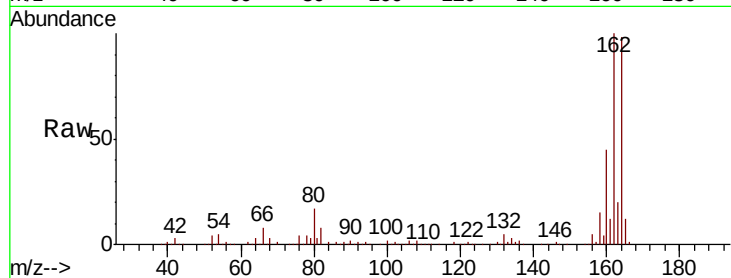




#57
 2,4-Dinitrotoluene
 Concen: 6.495 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.20 min
 Lab File: BF118055.D
 Acq: 27 Nov 2019 21:51

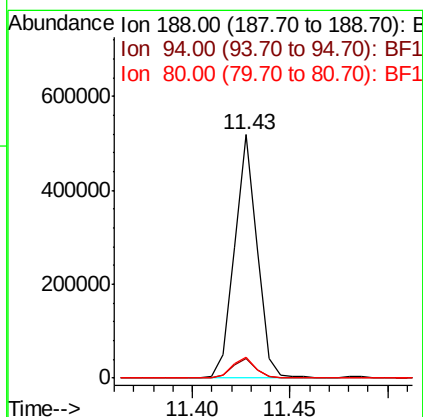
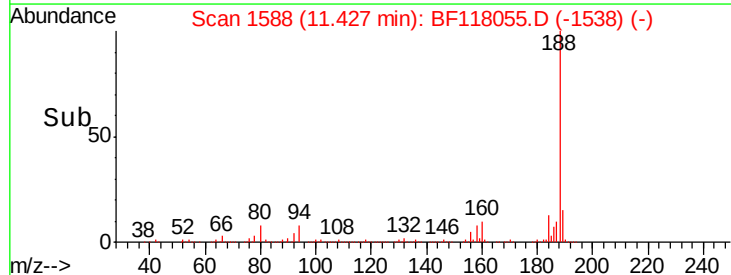
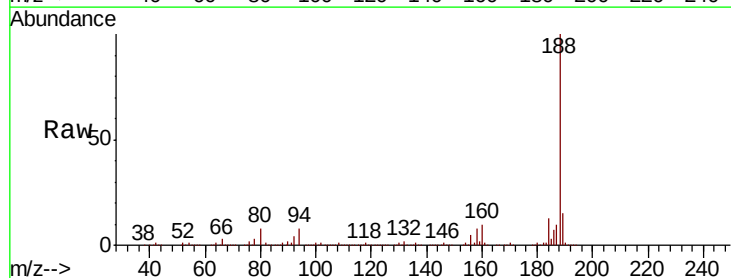
Instrument :
 BNA_F
 ClientSampleId :

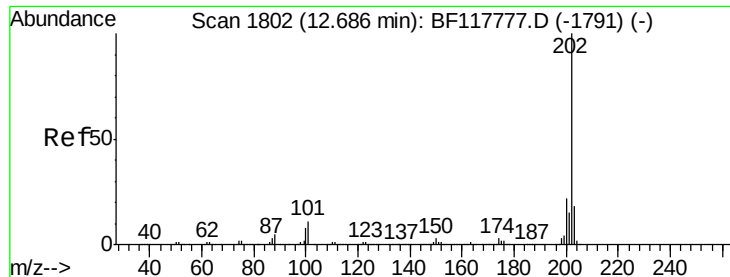
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.8	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118055.D
 Acq: 27 Nov 2019 21:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.4	7.2	10.8





#75

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Instrument :

BNA_F

ClientSampleId :

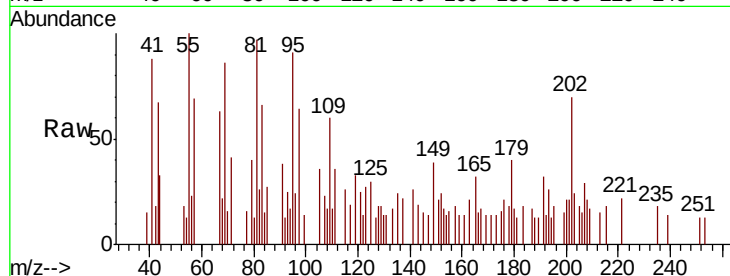
Tot Ion:202 Resp: 2507

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.1

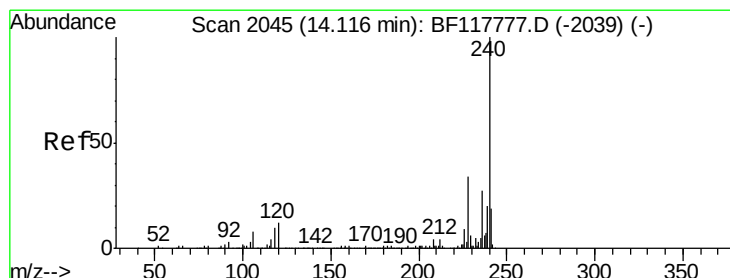
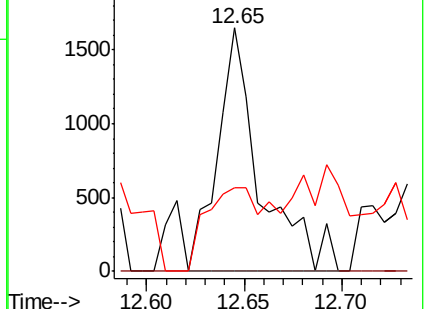
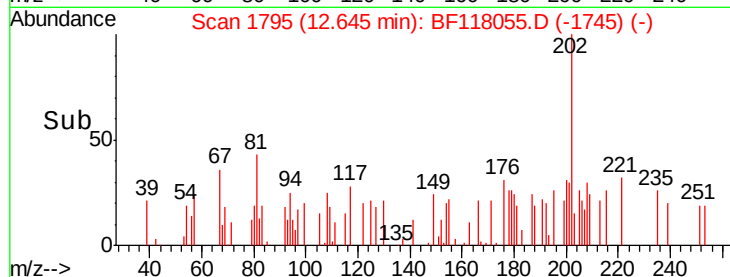
203 34.5 0.0 38.2



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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

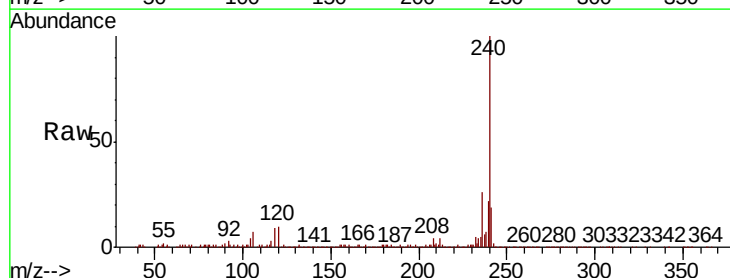
Tgt Ion:240 Resp: 312079

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

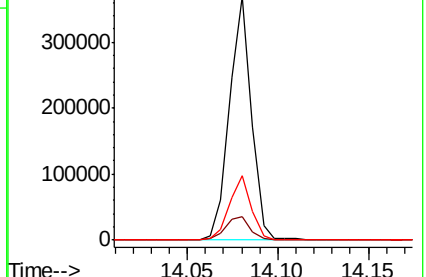
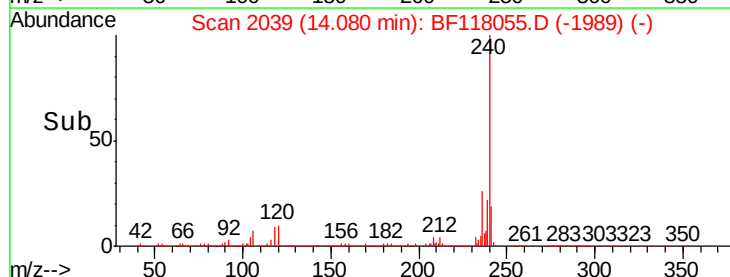
236 26.4 21.3 31.9

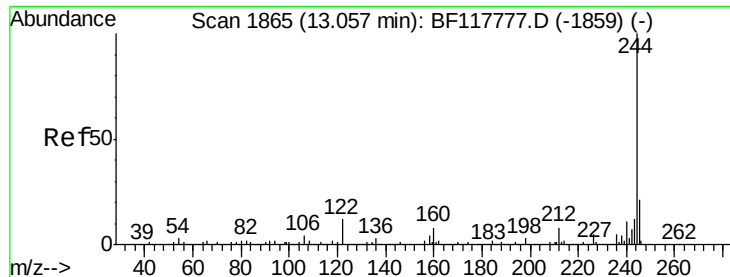


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.591 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

Instrument :

BNA_F

ClientSampleId :

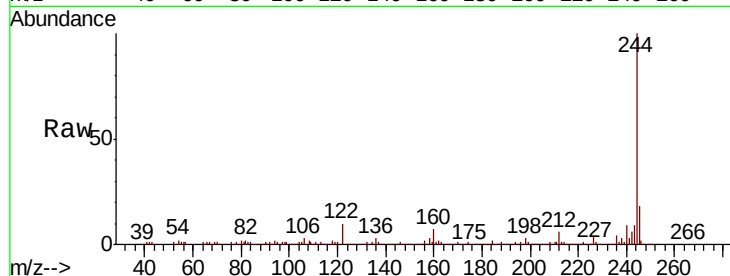
Tot Ion:244 Resp: 249157

Ion Ratio Lower Upper

244 100

212 6.3 6.3 9.5#

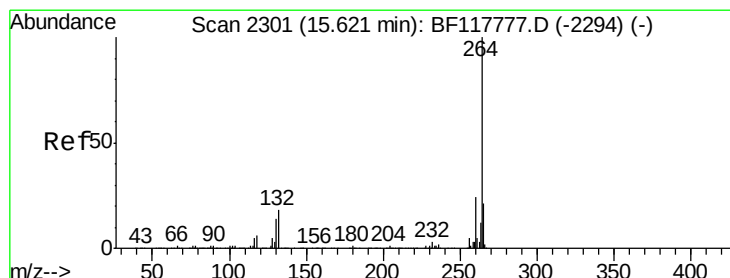
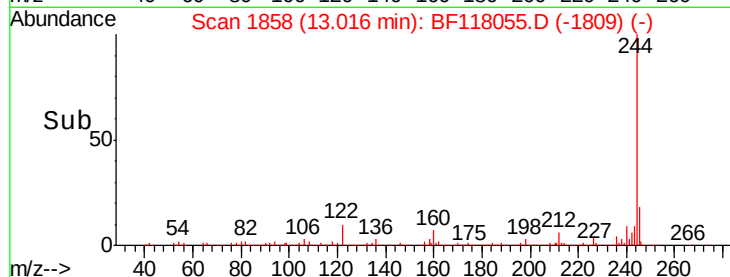
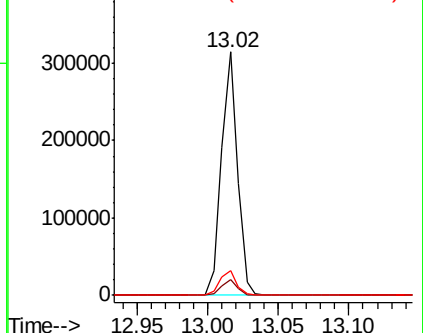
122 10.2 9.4 14.2



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118055.D

Acq: 27 Nov 2019 21:51

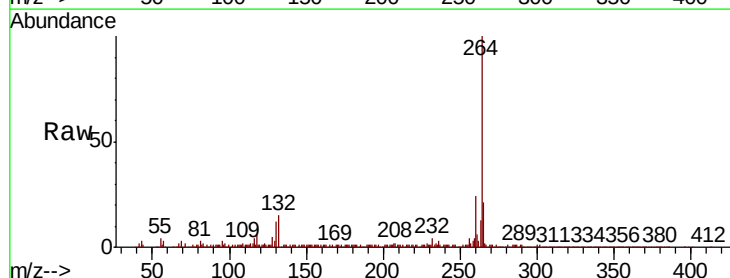
Tgt Ion:264 Resp: 286568

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 20.6 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

