

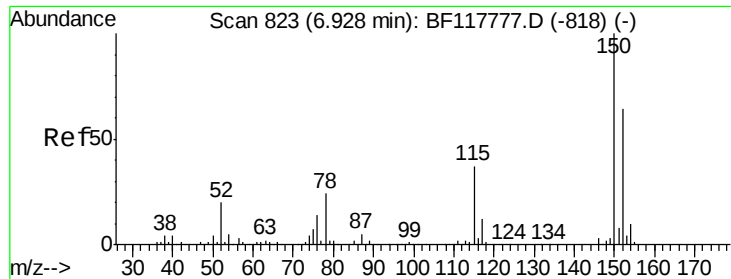
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117888.D
 Acq On : 20 Nov 2019 13:04
 Operator : JU
 Sample : K5908-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 03:06:00 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	167786	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	663784	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	346581	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	636458	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	327377	20.00	ng	-0.01
87) Perylene-d12	15.62	264	471979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	868974	91.67	ng	0.00
7) Phenol-d6	6.53	99	1143094	99.98	ng	-0.01
23) Nitrobenzene-d5	7.47	82	693801	62.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	331420	90.32	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1374104	71.13	ng	-0.01
79) Terphenyl-d14	13.05	244	1324131	73.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	769	Below Cal		90
10) Phenol	6.55	94	65374	5.503 ng		95
19) n-Nitroso-di-n-propylamine	7.47	70	95675	13.565 ng	#	75
25) Isophorone	7.47	82	686917	33.564 ng	#	62
50) Dimethylphthalate	9.67	163	266161	10.951 ng		98
54) 2,4-Dinitrophenol	10.26	184	126	7.267 ng	#	23
57) 2,4-Dinitrotoluene	9.96	165	45835	6.784 ng	#	25
67) 4-Bromophenyl-phenylether	10.76	248	21490	3.129 ng	#	1
75) Fluoranthene	12.67	202	36819	Below Cal		99

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

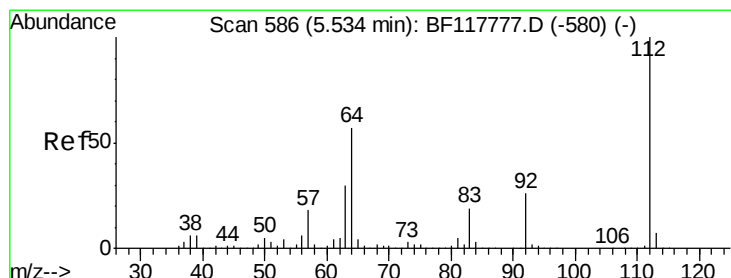
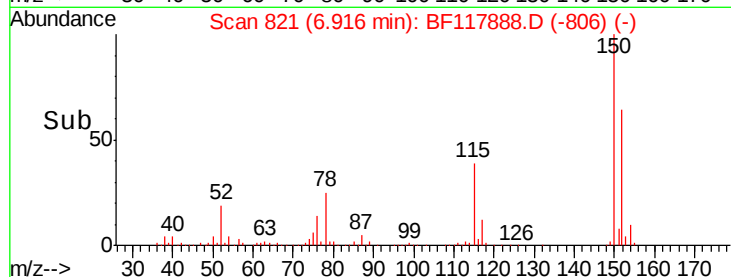
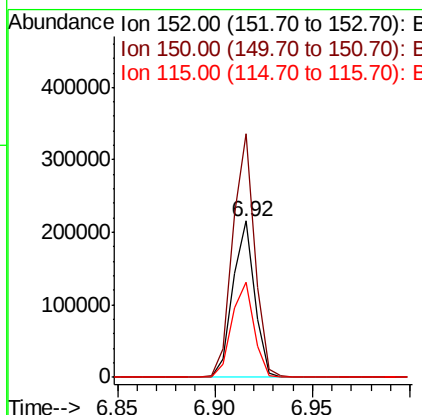
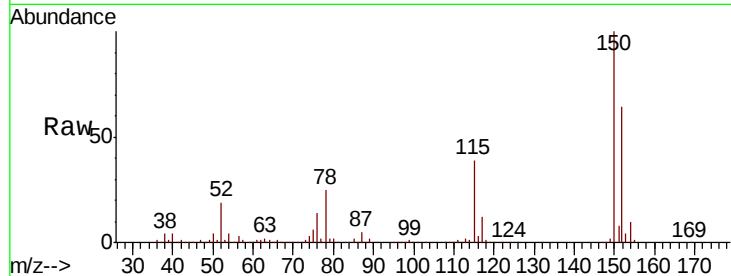


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Instrument :
BNA_F
ClientSampled :

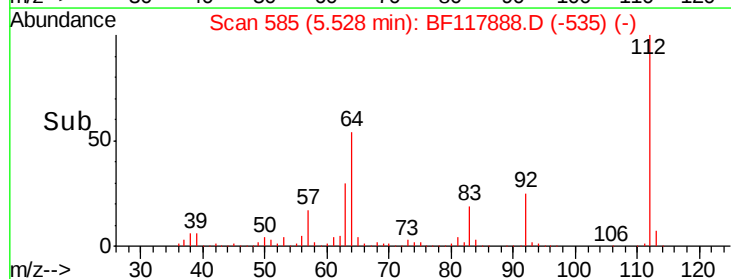
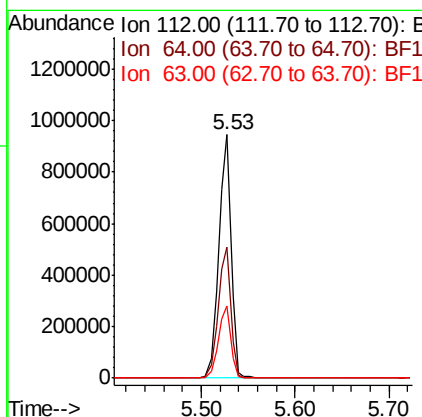
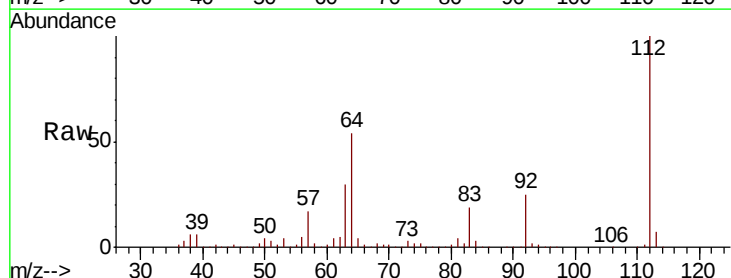
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	60.9	47.0	70.4

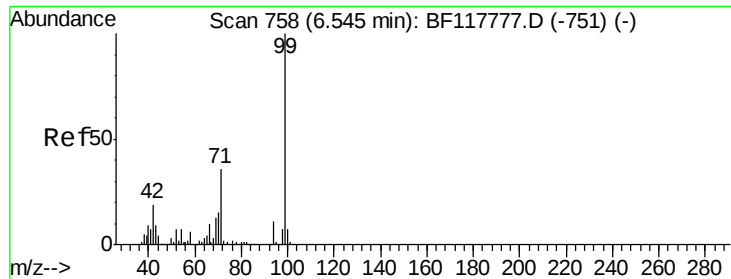


#5

2-Fluorophenol
Concen: 91.675 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.6	68.4
63	29.6	24.1	36.1





#7

Phenol-d6

Concen: 99.982 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

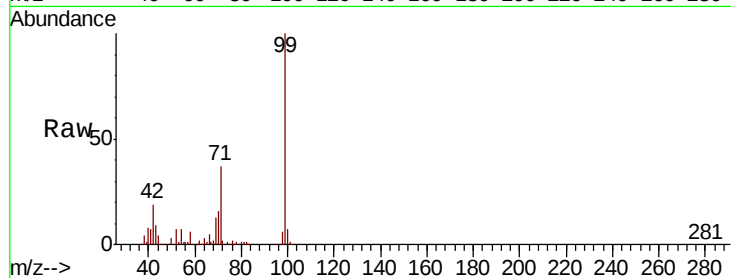
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1143094

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	37.1	28.6	43.0

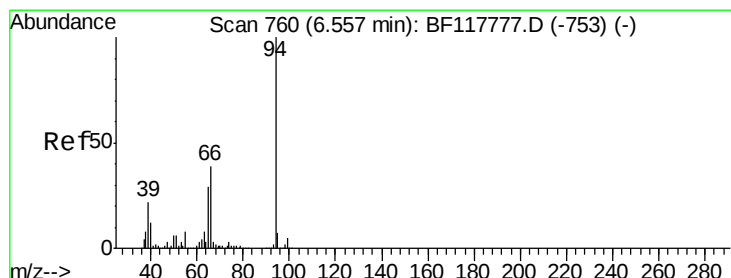
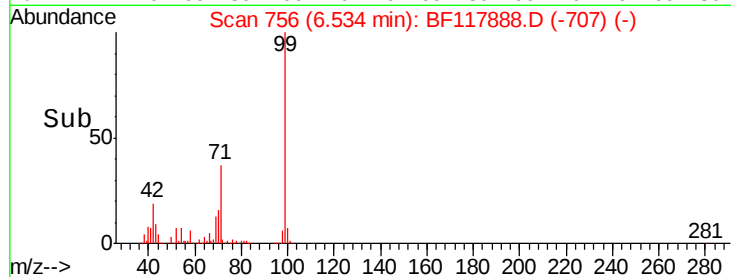


Abundance

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



#10

Phenol

Concen: 5.503 ng

RT: 6.55 min Scan# 758

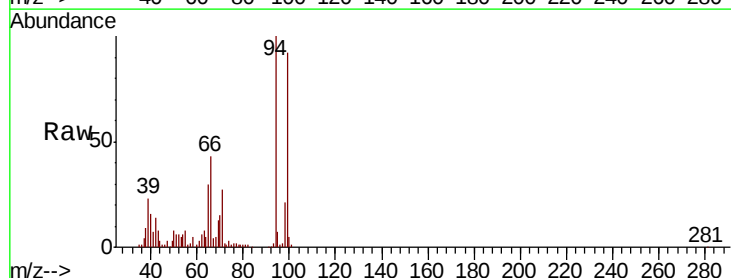
Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Tgt Ion: 94 Resp: 65374

Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.9	48.9
66	42.7	18.7	58.7

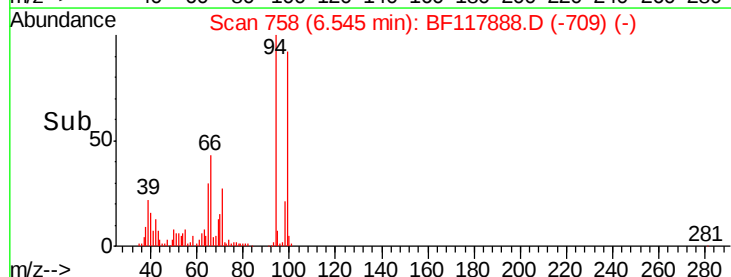


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

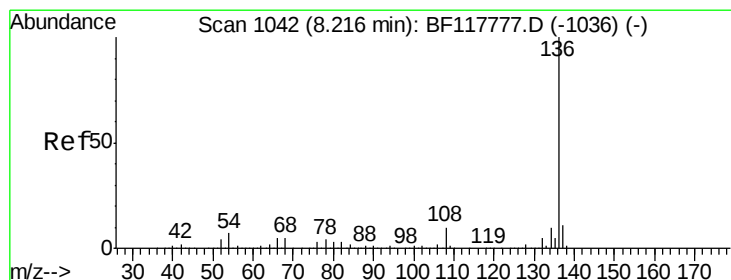
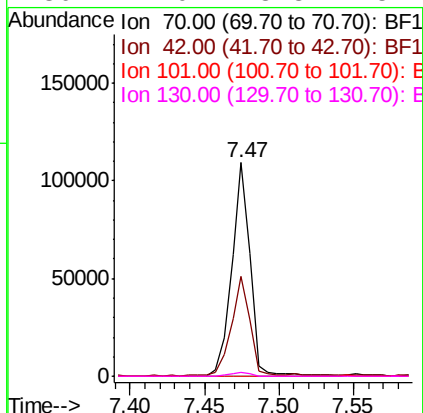
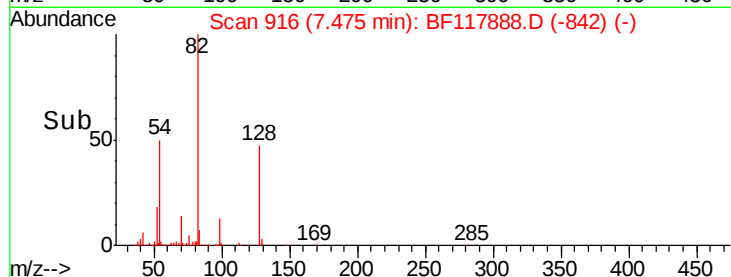
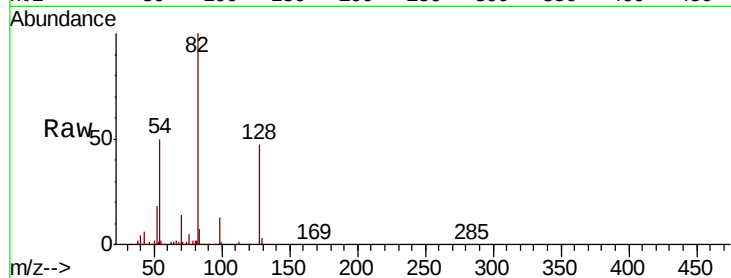




#19
n-Nitroso-di-n-propylamine
Concen: 13.565 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

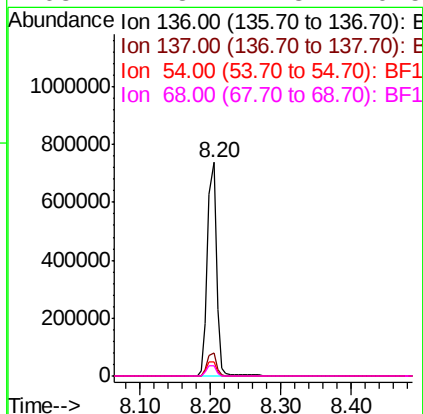
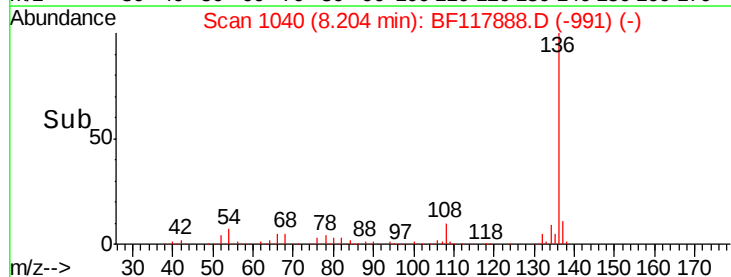
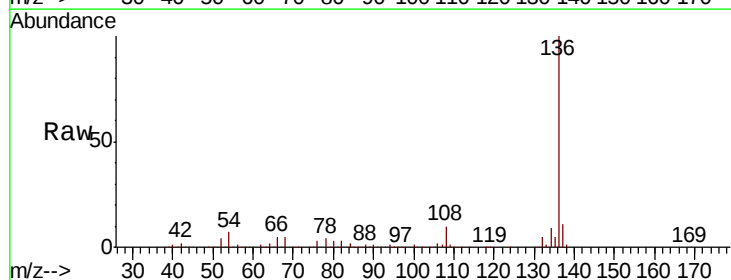
Instrument :
BNA_F
ClientSampleId :

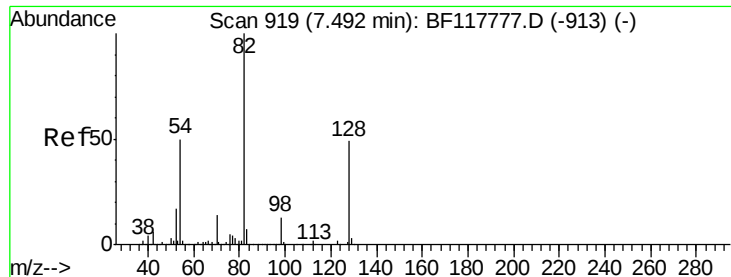
Tot Ion: 70 Resp: 95675
Ion Ratio Lower Upper
70 100
42 46.6 47.4 71.2#
101 0.0 8.4 12.6#
130 2.0 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion: 136 Resp: 663784
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.6 5.4 8.2
68 4.8 4.3 6.5

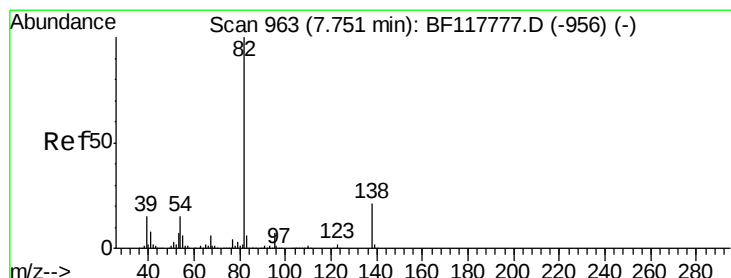
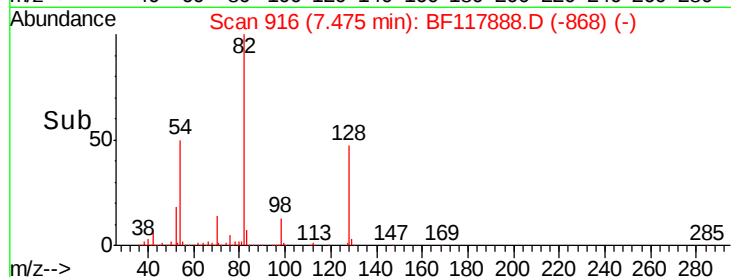
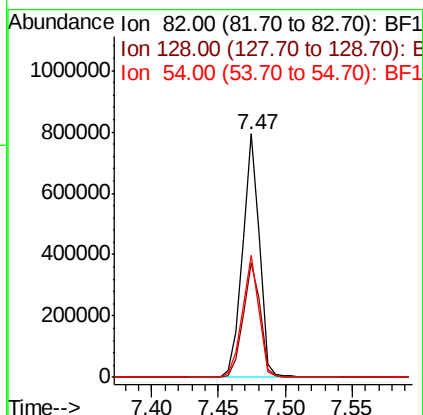
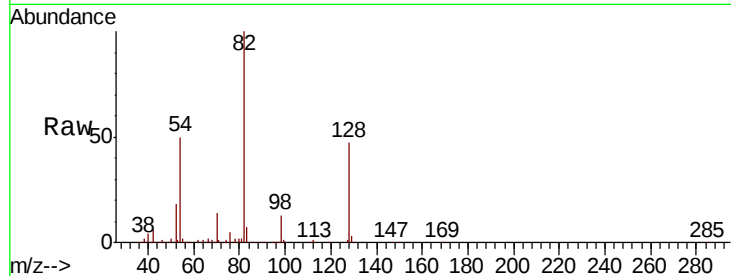




#23
Nitrobenzene-d5
Concen: 62.134 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

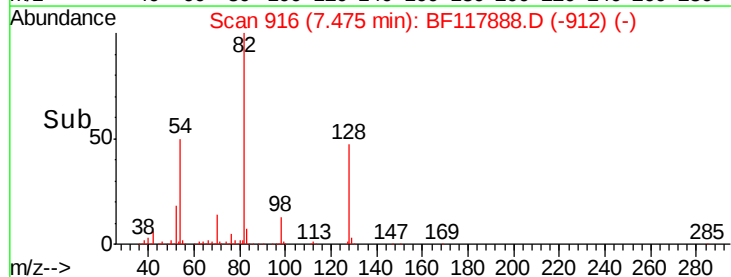
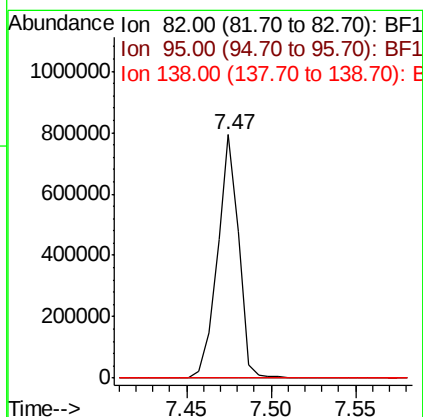
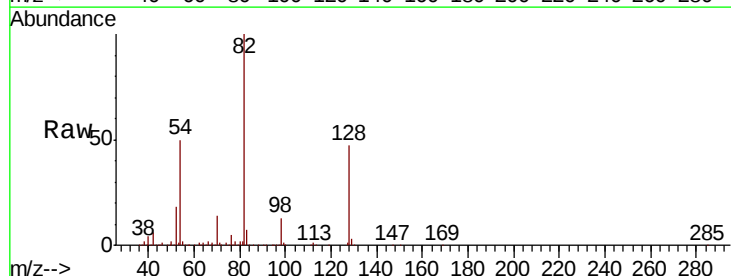
Instrument :
BNA_F
ClientSampled :

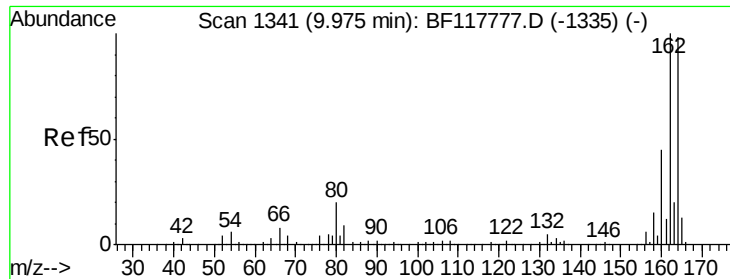
Tot Ion	82	Resp	693801
Ion Ratio	Lower	Upper	
82	100		
128	47.0	38.9	58.3
54	50.3	39.8	59.6



#25
Isophorone
Concen: 33.564 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion	82	Resp	686917
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.8	8.8#
138	0.0	16.5	24.7#

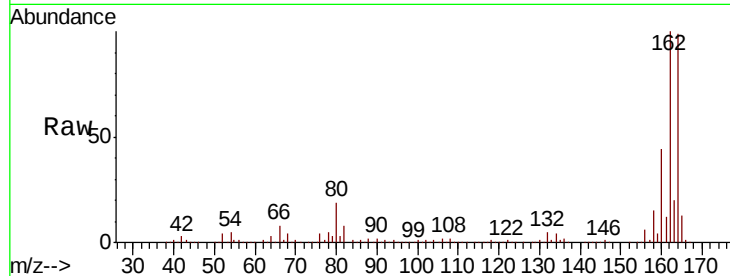




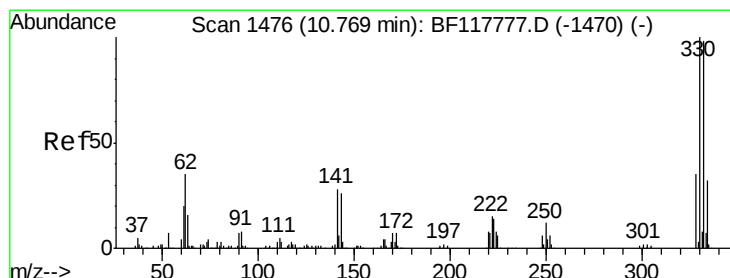
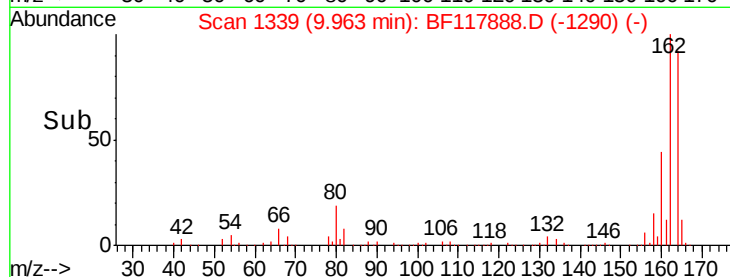
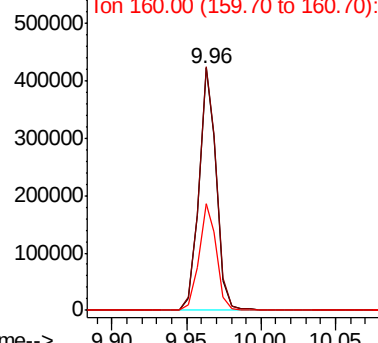
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 346581
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.2 36.6 55.0

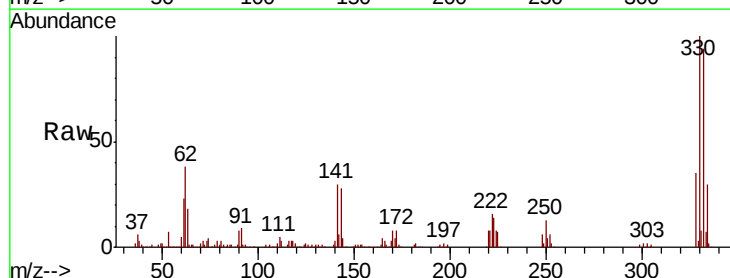


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

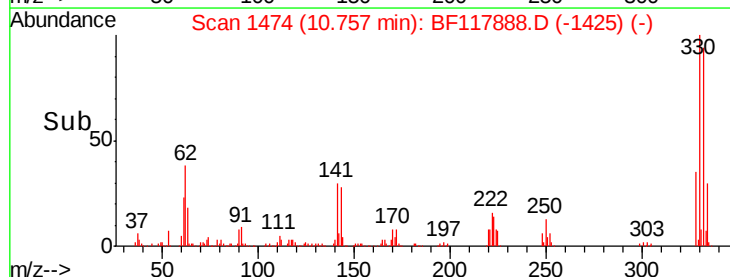
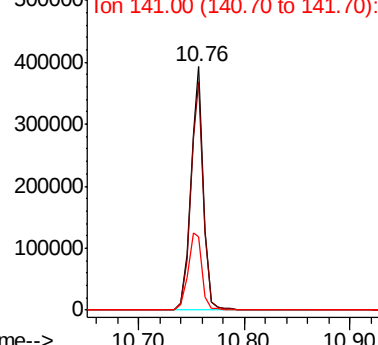


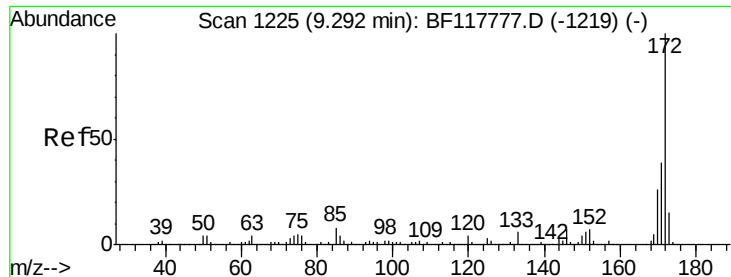
#42
2,4,6-Tribromophenol
Concen: 90.324 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion:330 Resp: 331420
Ion Ratio Lower Upper
330 100
332 95.1 76.7 115.1
141 35.0 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

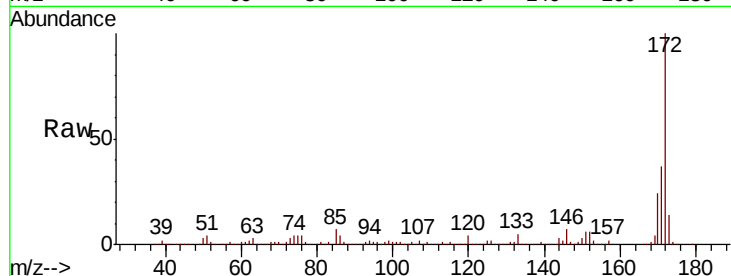




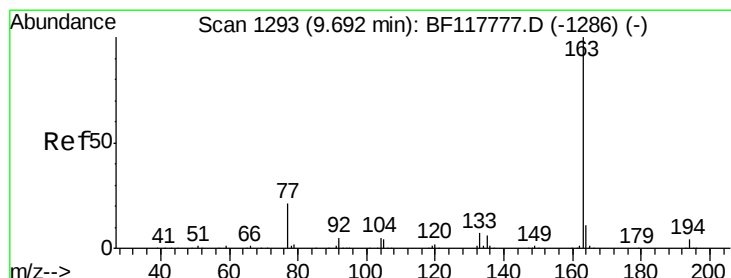
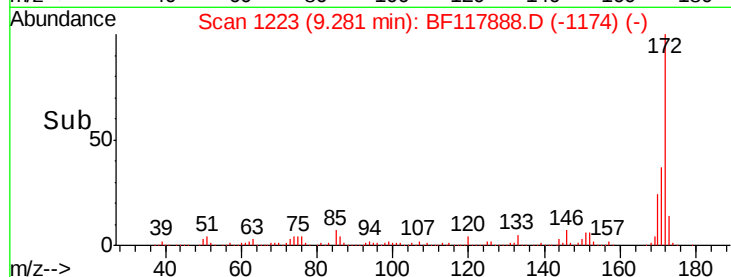
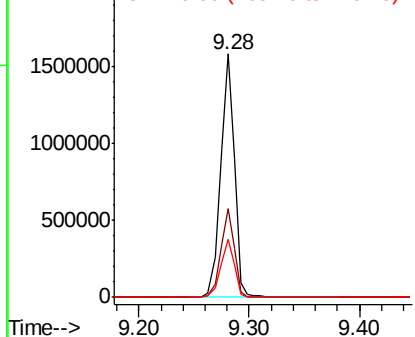
#45
2-Fluorobiphenyl
Concen: 71.129 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1374104
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 24.1 21.0 31.4

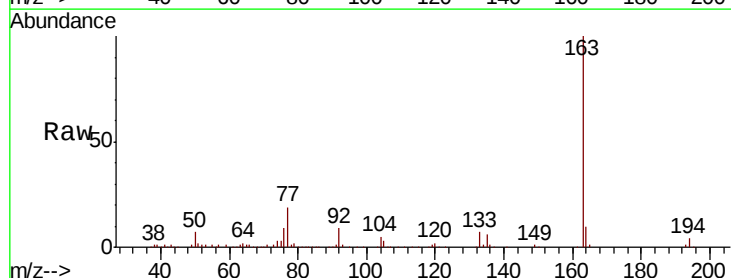


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

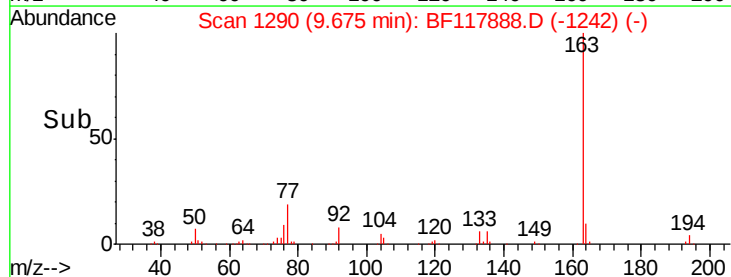
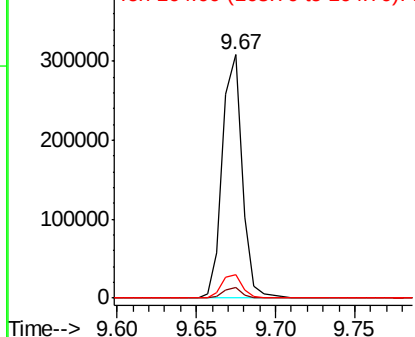


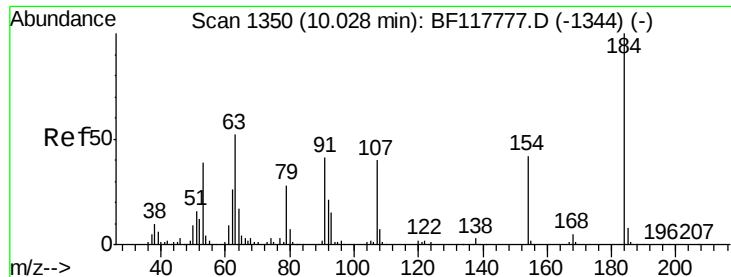
#50
Dimethylphthalate
Concen: 10.951 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion:163 Resp: 266161
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.7 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

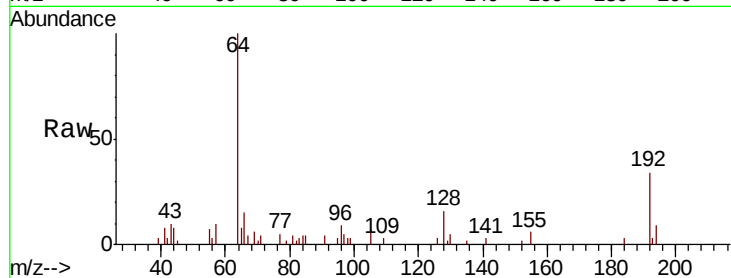




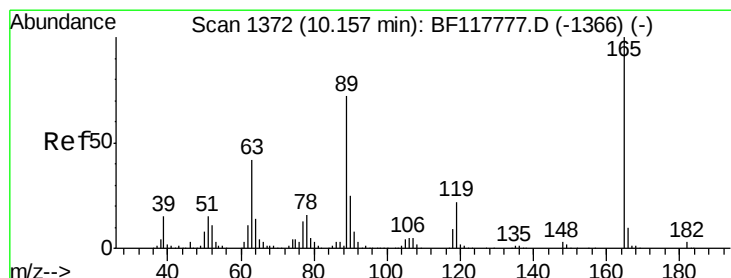
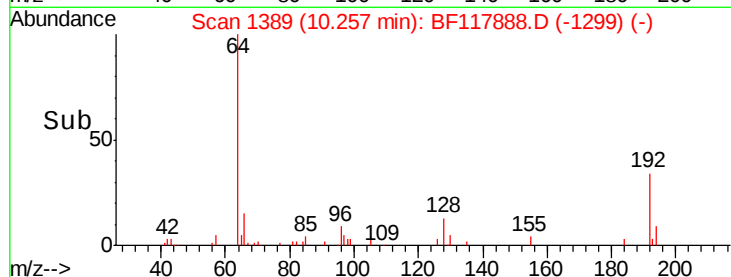
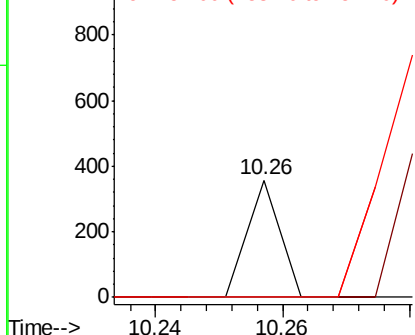
#54
2,4-Dinitrophenol
Concen: 7.267 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.23 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 0.0 43.0 64.6#
154 0.0 48.0 72.0#

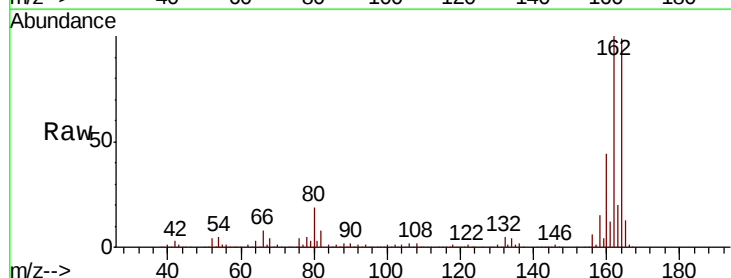


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

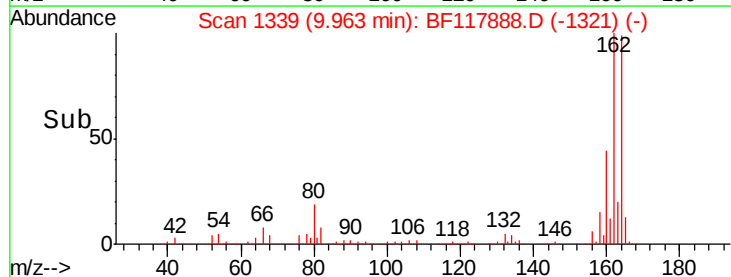
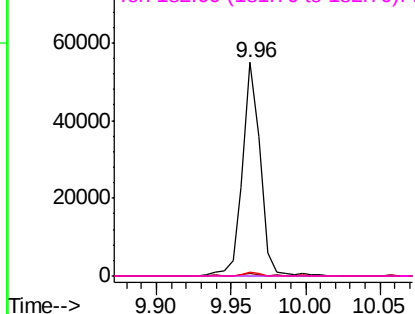


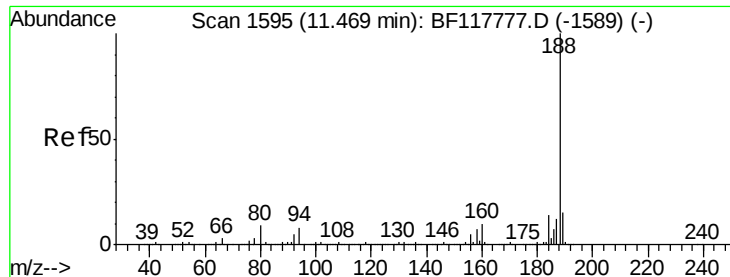
#57
2,4-Dinitrotoluene
Concen: 6.784 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117888.D
Acq: 20 Nov 2019 13:04

Tgt Ion:165 Resp: 45835
Ion Ratio Lower Upper
165 100
63 1.4 33.7 50.5#
89 1.9 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

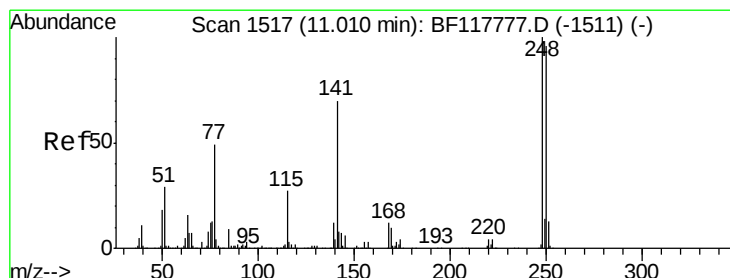
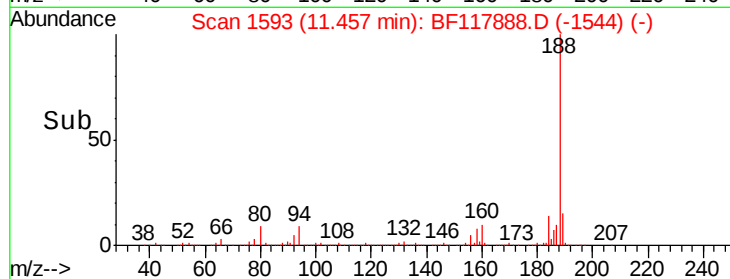
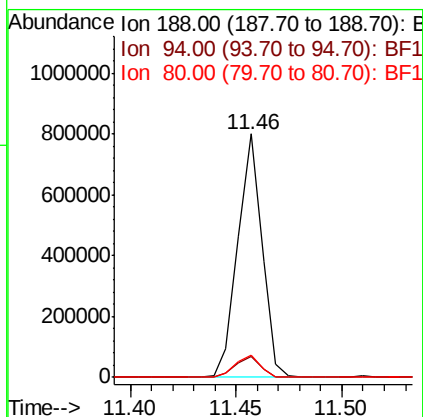
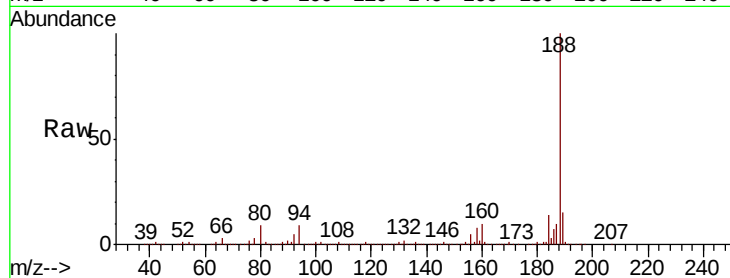




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117888.D
 Acq: 20 Nov 2019 13:04

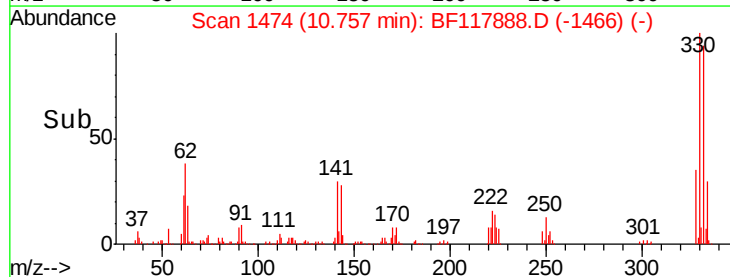
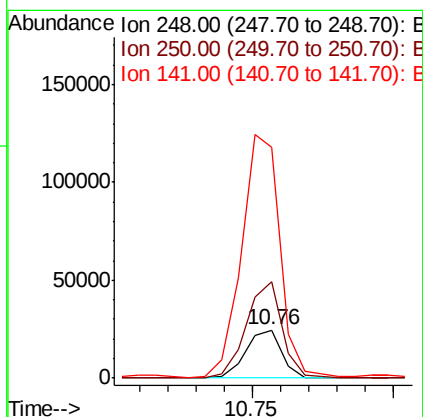
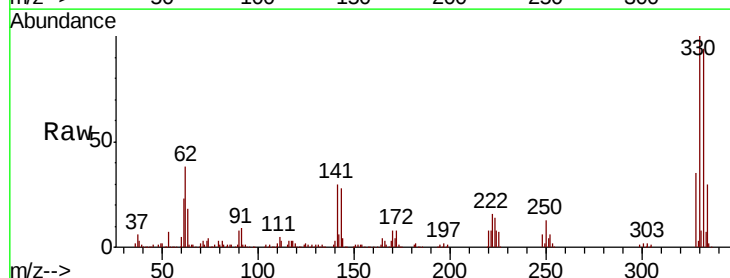
Instrument :
 BNA_F
 ClientSampleId :

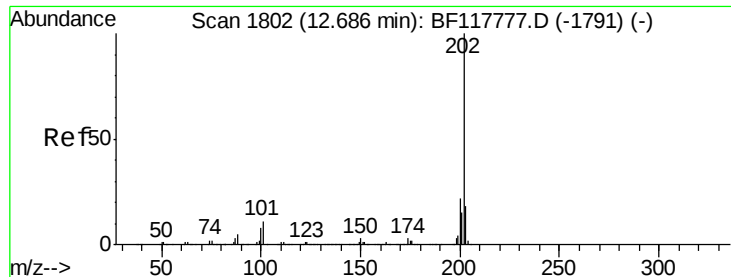
Tot Ion:188 Resp: 636458
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.6 10.0
 80 9.2 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.129 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117888.D
 Acq: 20 Nov 2019 13:04

Tgt Ion:248 Resp: 21490
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.6 115.0#
 141 478.6 55.9 83.9#





#75

Fluoranthene

Concen: Below Cal

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Instrument :

BNA_F

ClientSampled :

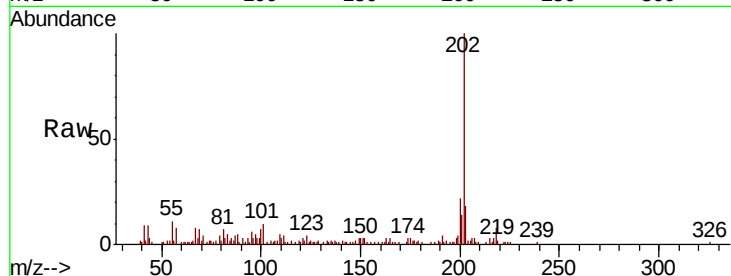
Tot Ion:202 Resp: 36819

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

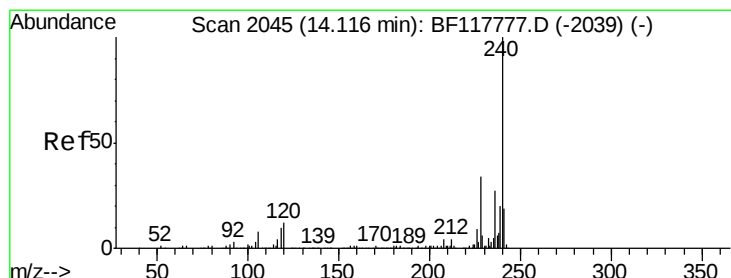
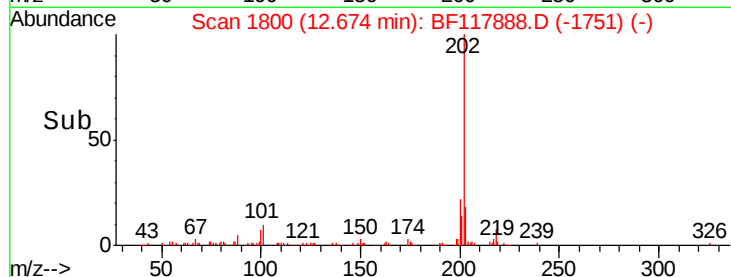
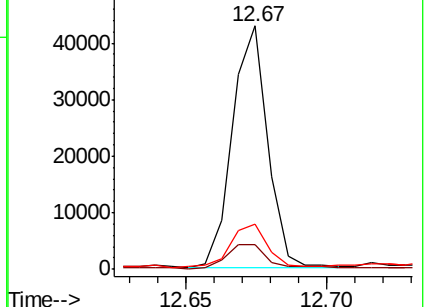
203 18.5 0.0 38.2



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

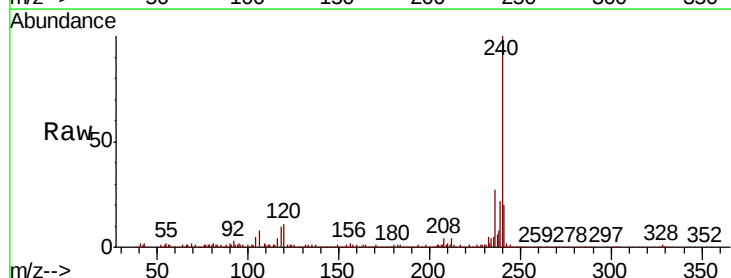
Tgt Ion:240 Resp: 327377

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

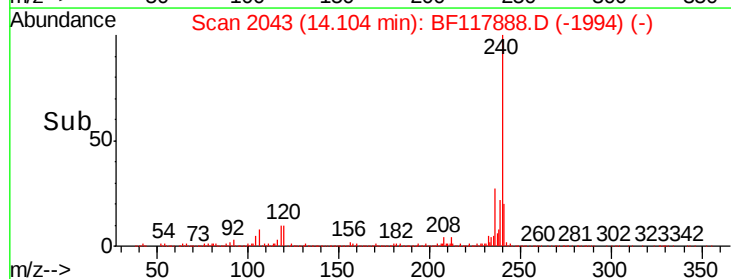
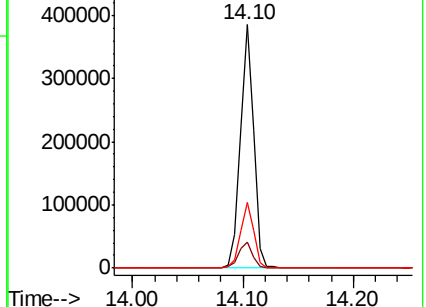
236 26.9 21.3 31.9

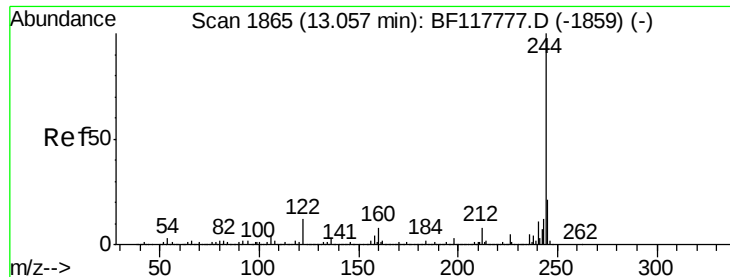


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.921 ng

RT: 13.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117888.D

Acq: 20 Nov 2019 13:04

Instrument :

BNA_F

ClientSampleId :

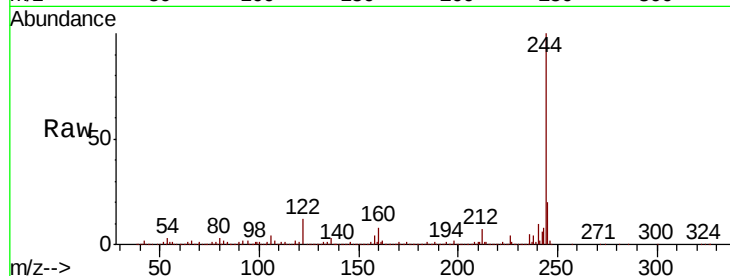
Tot Ion:244 Resp: 1324131

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.8	9.4	14.2

244 100

212 7.2 6.3 9.5

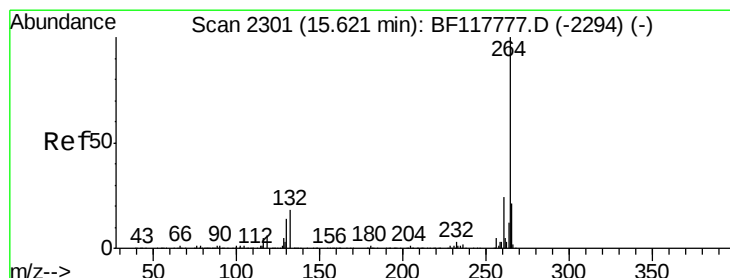
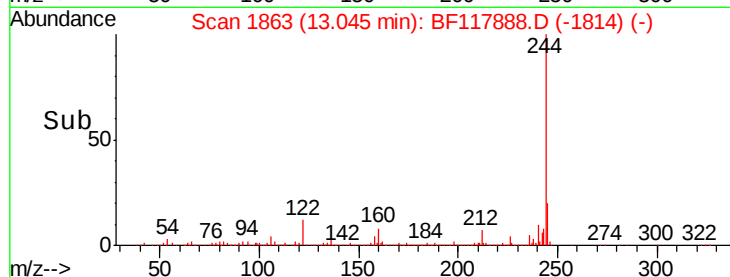
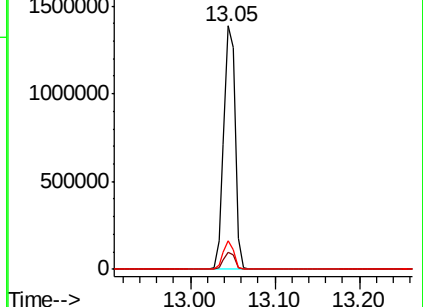
122 11.8 9.4 14.2



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: BF117888.D

Acq: 20 Nov 2019 13:04

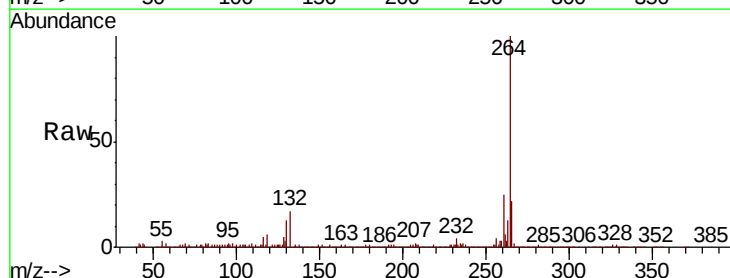
Tgt Ion:264 Resp: 471979

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	21.7	17.1	25.7

264 100

260 25.1 19.4 29.0

265 21.7 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

