

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118025.D
 Acq On : 27 Nov 2019 3:36
 Operator : JU
 Sample : K6014-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:50:02 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

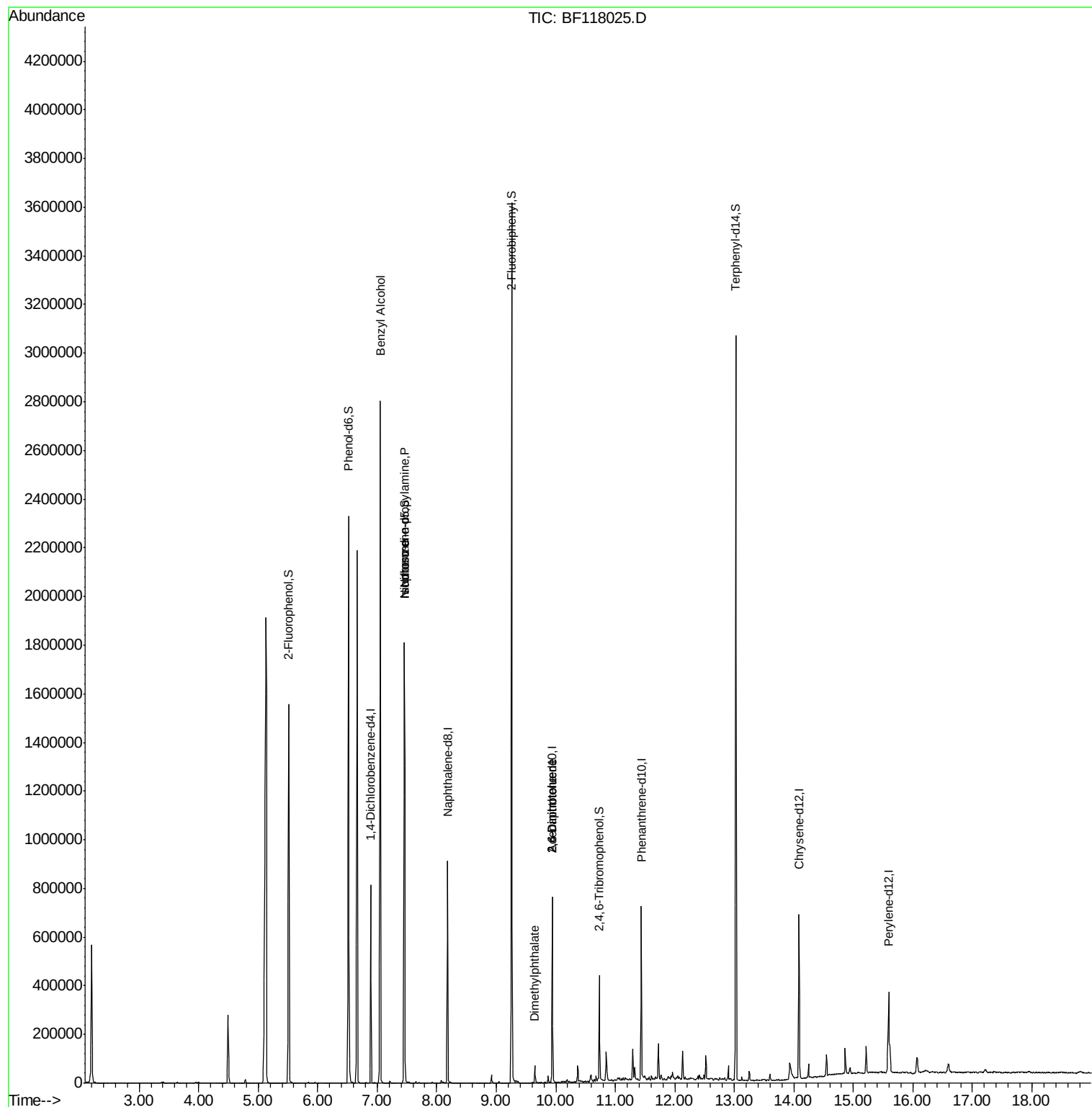
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106851	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	390439	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	168278	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	264165	20.00	ng	0.00
76) Chrysene-d12	14.09	240	200790	20.00	ng	0.00
87) Perylene-d12	15.59	264	160408	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	451833	74.85	ng	0.01
7) Phenol-d6	6.52	99	791420	108.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	625906	95.30	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	54282	30.47	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1121335	119.55	ng	0.00
79) Terphenyl-d14	13.03	244	1049299	95.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1111	Below Cal	Qvalue #	1
15) Benzyl Alcohol	7.05	79	11497	2.045 ng	#	46
19) n-Nitroso-di-n-propylamine	7.46	70	83956	18.691 ng	#	74
25) Isophorone	7.46	82	625902	51.993 ng	#	62
50) Dimethylphthalate	9.65	163	29150	2.470 ng		97
51) 2,6-Dinitrotoluene	9.95	165	21685	8.408 ng	#	22
57) 2,4-Dinitrotoluene	9.95	165	21685	6.610 ng	#	23
75) Fluoranthene	12.72	202	122	Below Cal		63

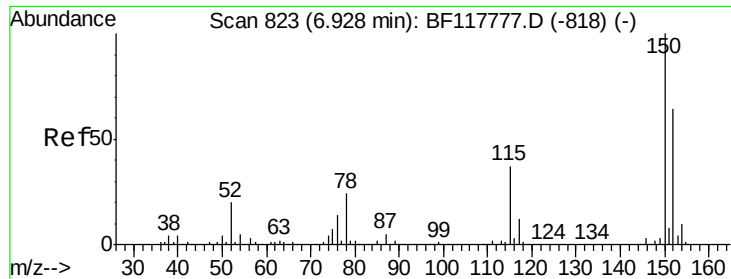
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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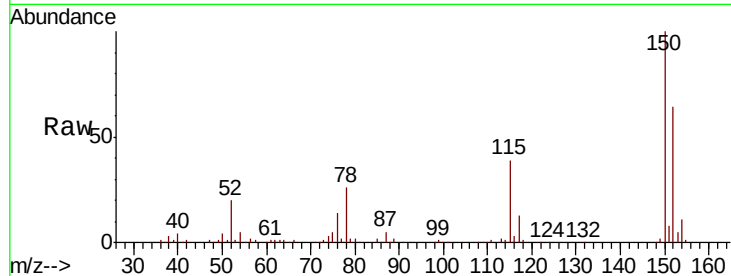


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.3	187.9
115	61.2	47.0	70.4

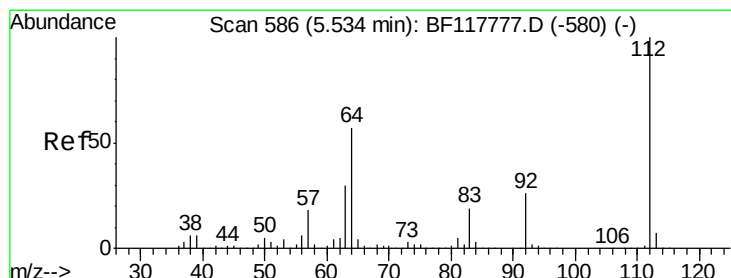
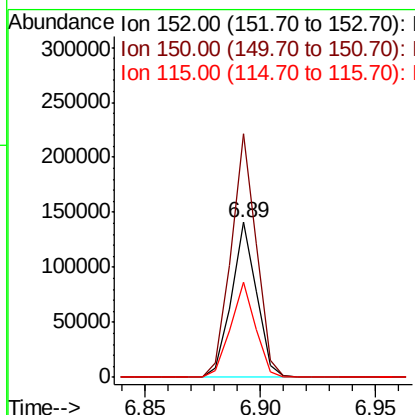
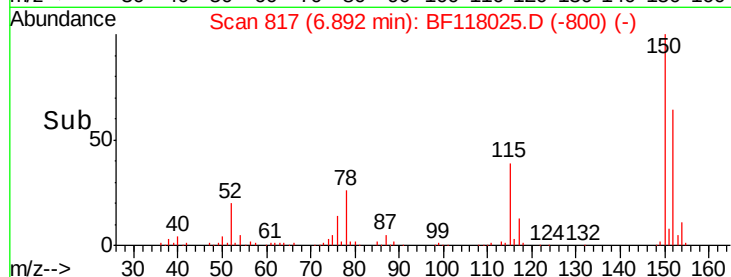


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

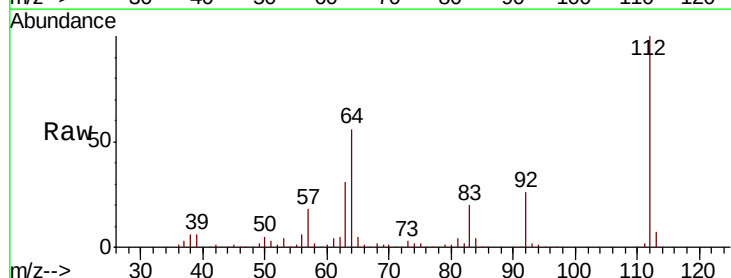
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.851 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.6	68.4
63	30.8	24.1	36.1

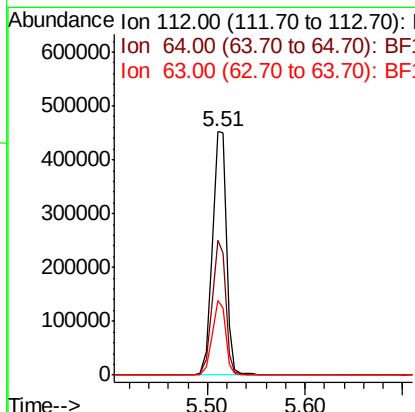
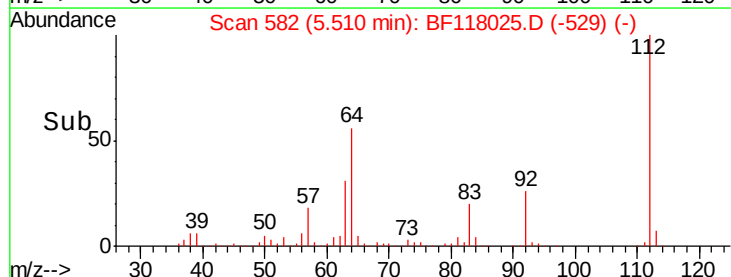


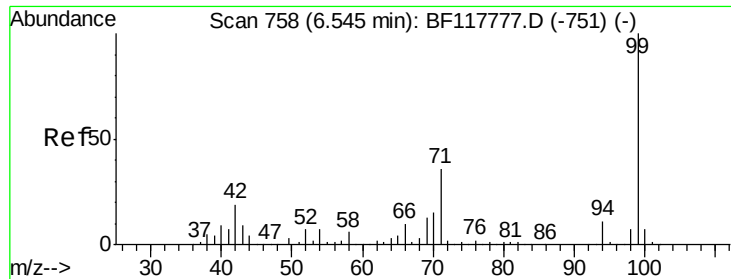
Abundance

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: 108.698 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118025.D

Acq: 27 Nov 2019 3:36

Instrument :

BNA_F

ClientSampled :

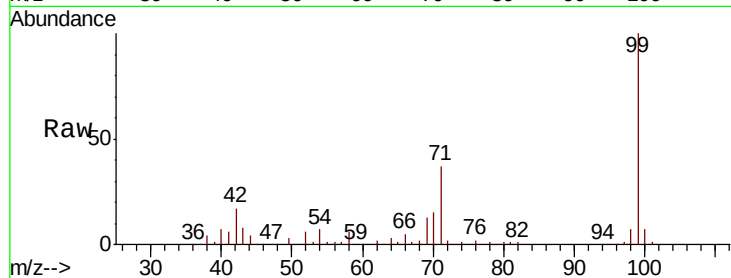
Tot Ion: 99 Resp: 791420

Ion Ratio Lower Upper

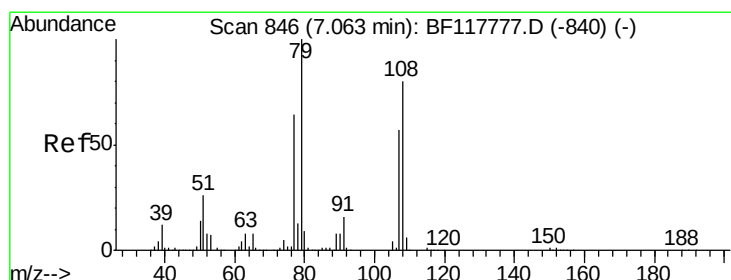
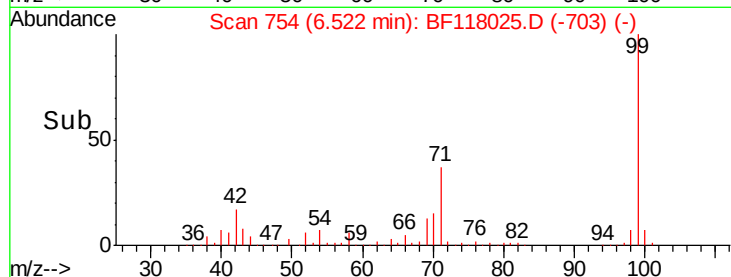
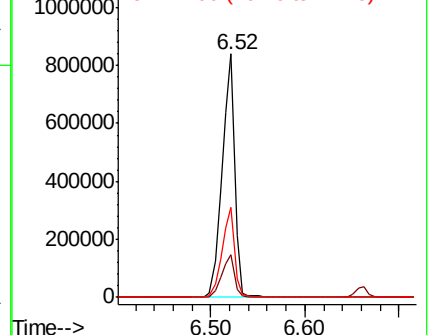
99 100

42 17.5 14.9 22.3

71 36.8 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



#15

Benzyl Alcohol

Concen: 2.045 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF118025.D

Acq: 27 Nov 2019 3:36

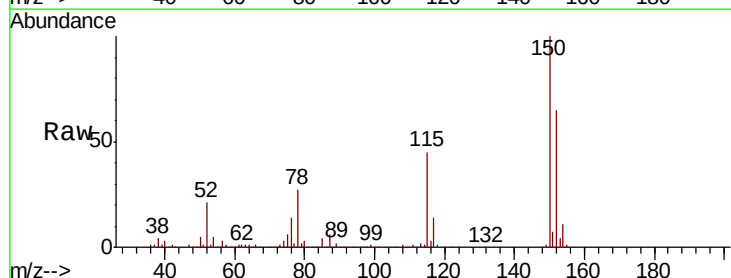
Tgt Ion: 79 Resp: 11497

Ion Ratio Lower Upper

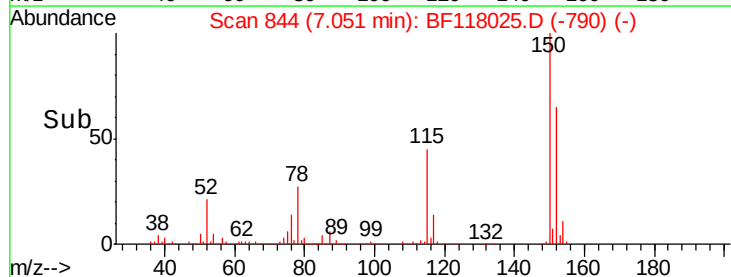
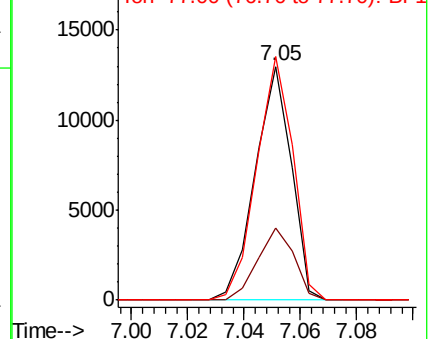
79 100

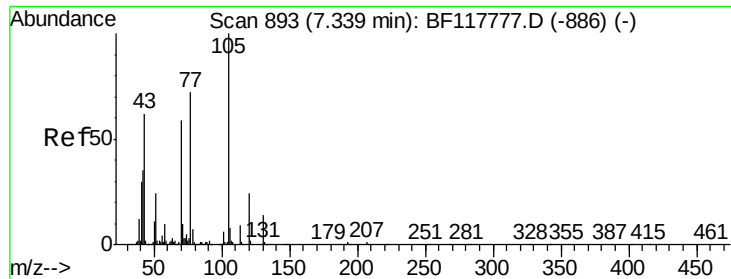
108 30.9 64.1 96.1#

77 104.1 51.3 76.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

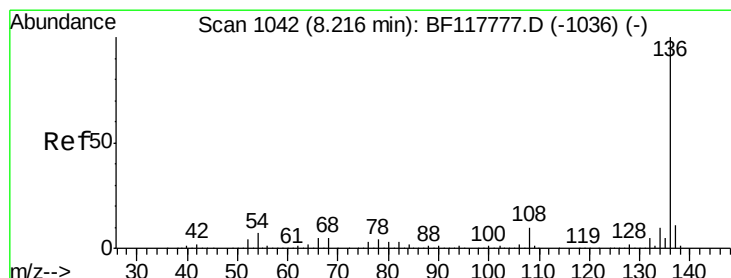
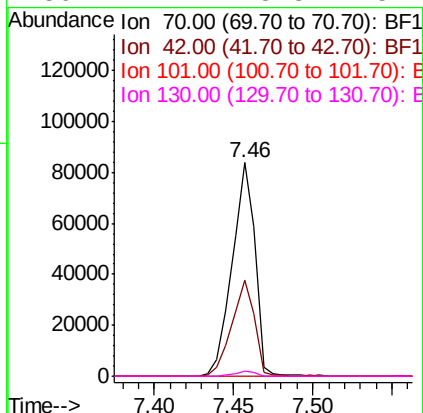
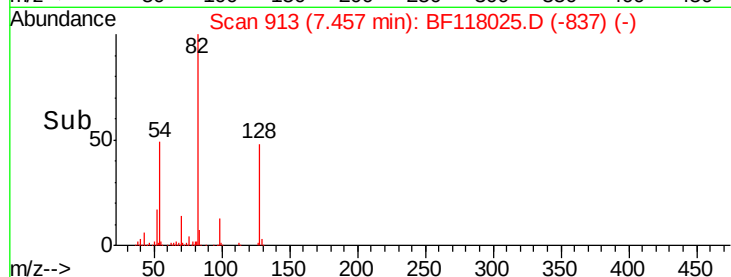
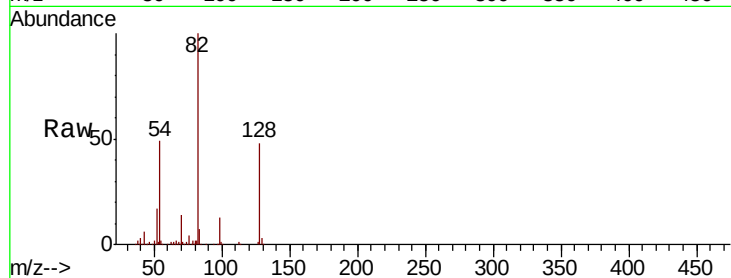




#19
n-Nitroso-di-n-propylamine
Concen: 18.691 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

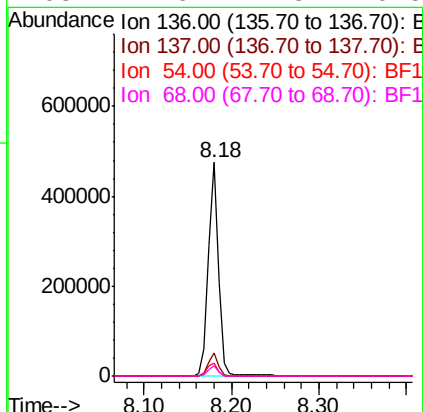
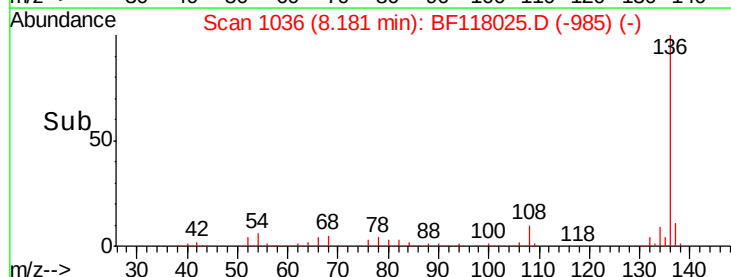
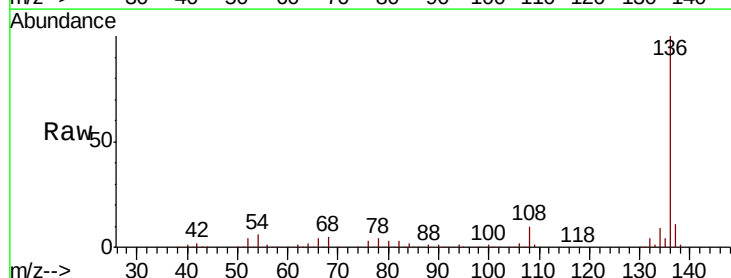
Instrument :
BNA_F
ClientSampleId :

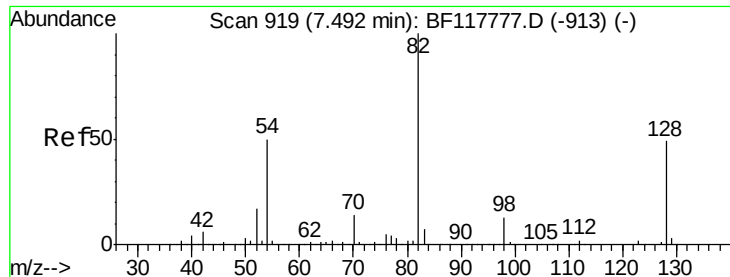
Tot Ion: 70 Resp: 83956
Ion Ratio Lower Upper
70 100
42 44.9 47.4 71.2#
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Tgt Ion:136 Resp: 390439
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.1 5.4 8.2
68 4.6 4.3 6.5

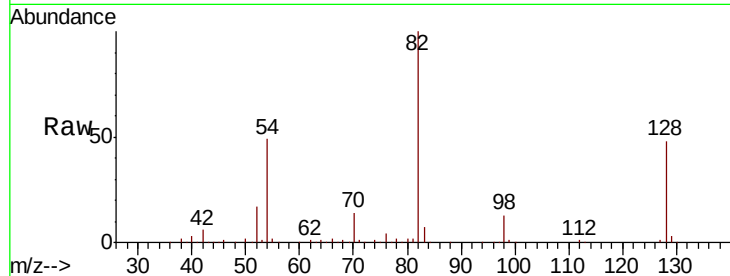




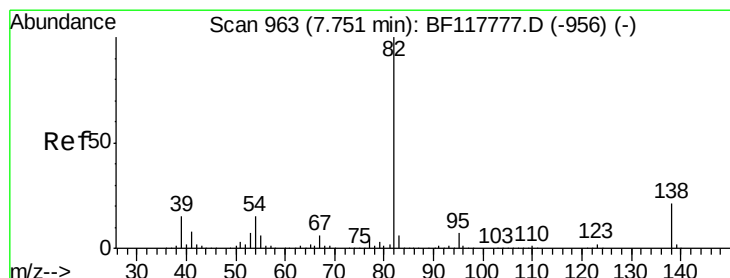
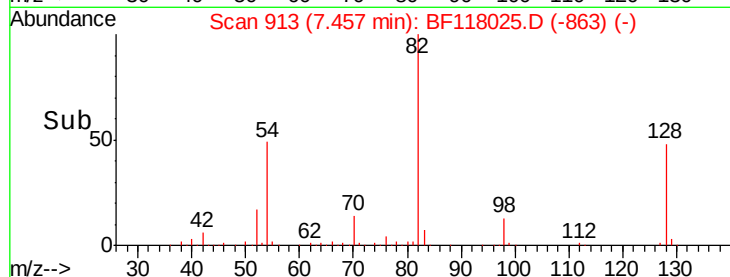
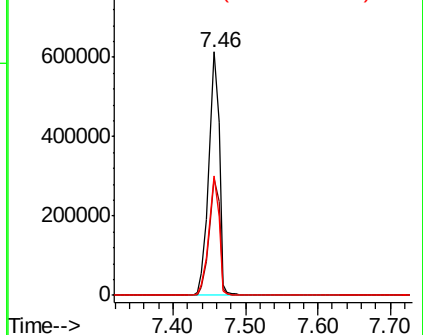
#23
Nitrobenzene-d5
Concen: 95.297 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	625906
Ion Ratio	100	Lower	Upper
128	48.0	38.9	58.3
54	49.3	39.8	59.6

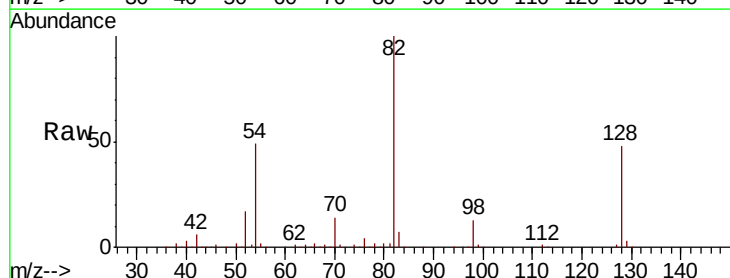


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

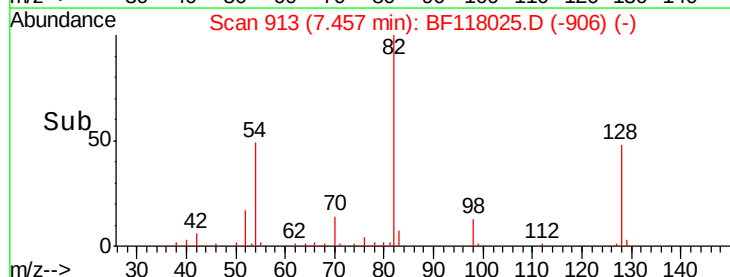
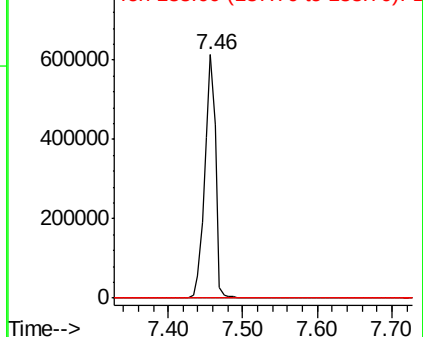


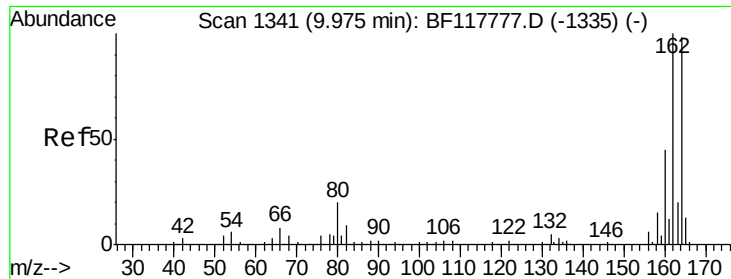
#25
Isophorone
Concen: 51.993 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Tgt Ion	82	Resp	625902
Ion Ratio	100	Lower	Upper
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

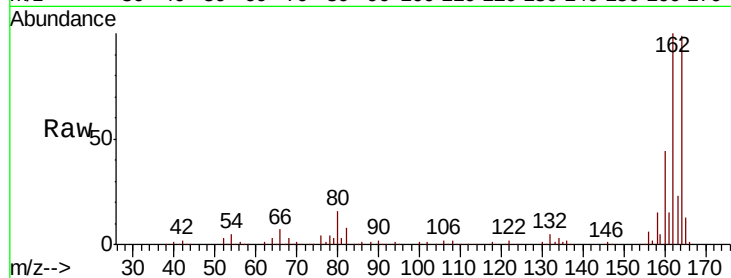




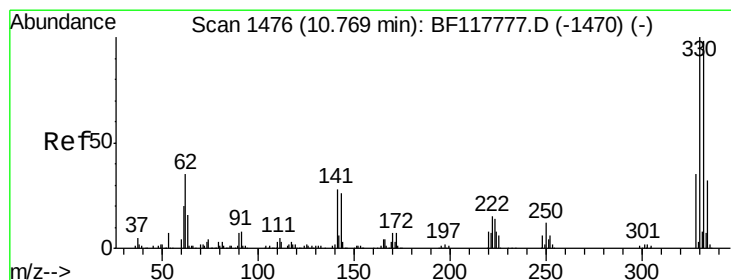
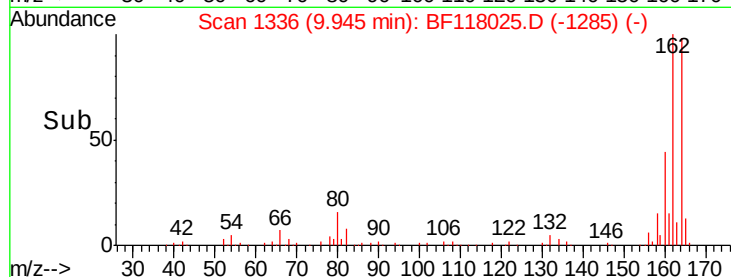
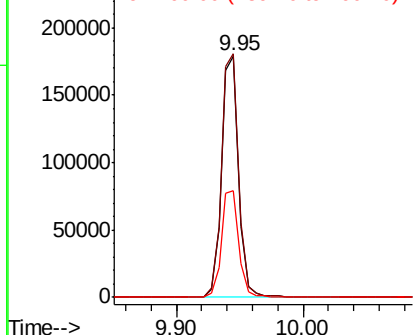
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 168278
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.1 36.6 55.0

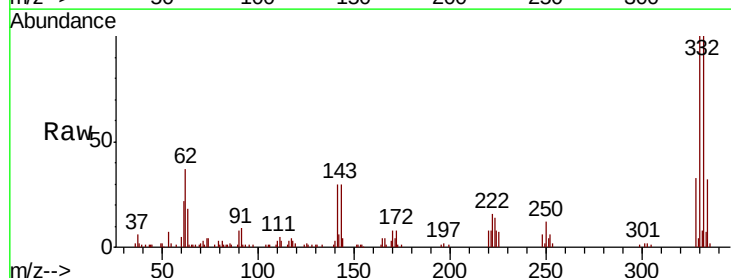


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

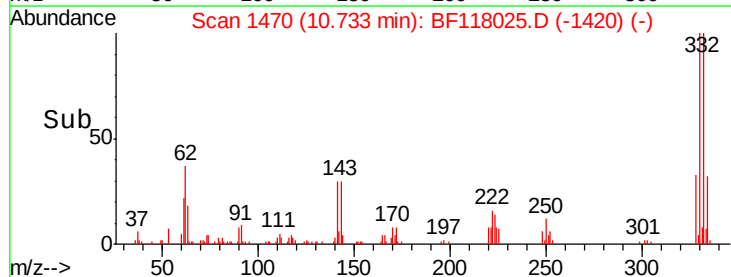
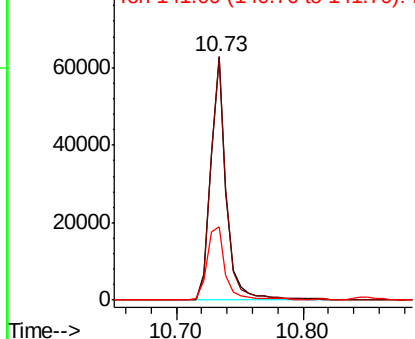


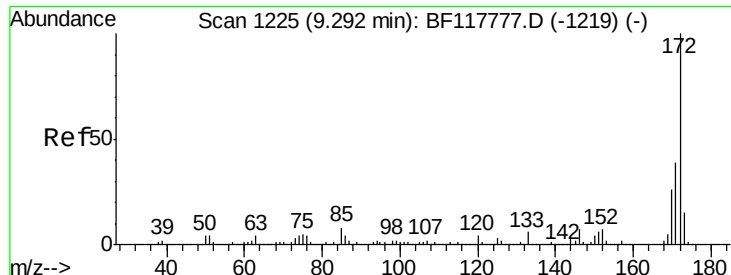
#42
2,4,6-Tribromophenol
Concen: 30.469 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Tgt Ion:330 Resp: 54282
Ion Ratio Lower Upper
330 100
332 99.2 76.7 115.1
141 35.1 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



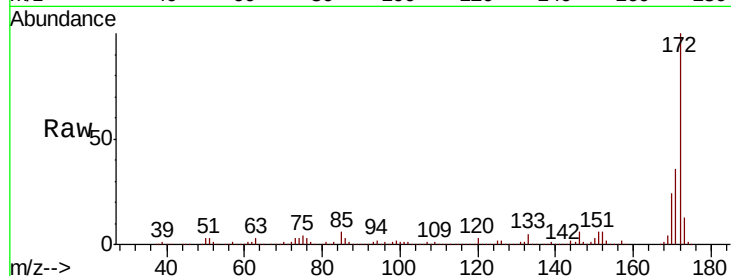


#45
 2-Fluorobiphenyl
 Concen: 119.547 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF118025.D
 Acq: 27 Nov 2019 3:36

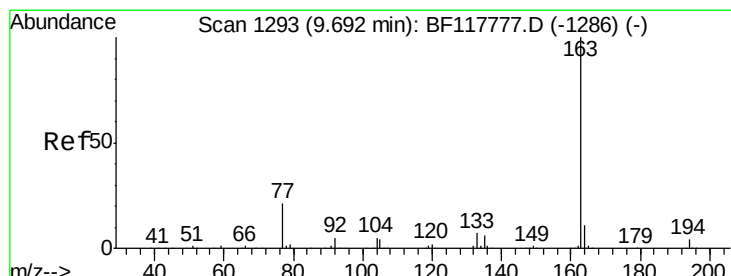
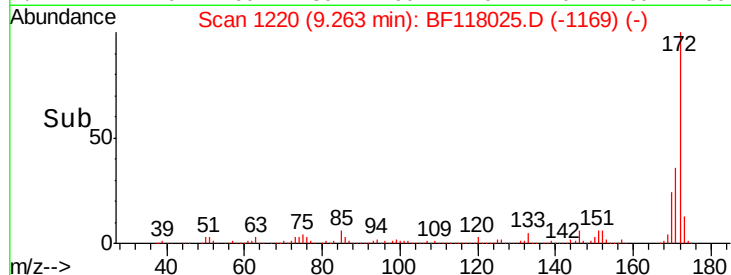
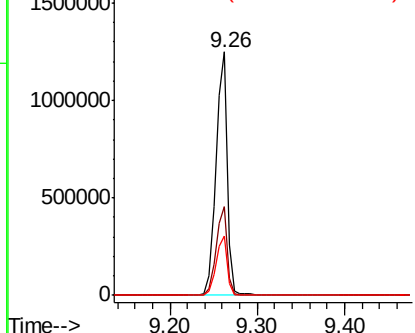
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1121335

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.9	46.3
170	24.4	21.0	31.4



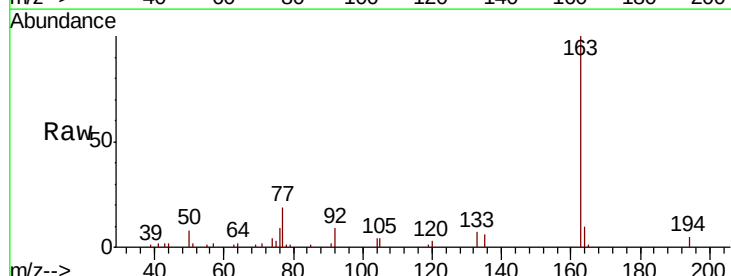
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



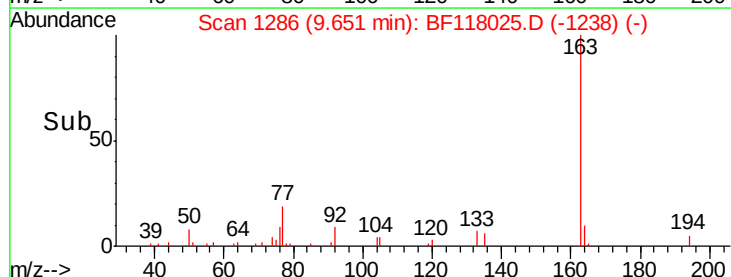
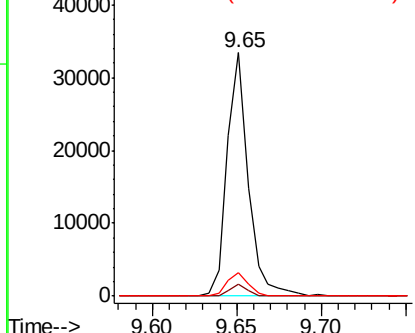
#50
 Dimethylphthalate
 Concen: 2.470 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.02 min
 Lab File: BF118025.D
 Acq: 27 Nov 2019 3:36

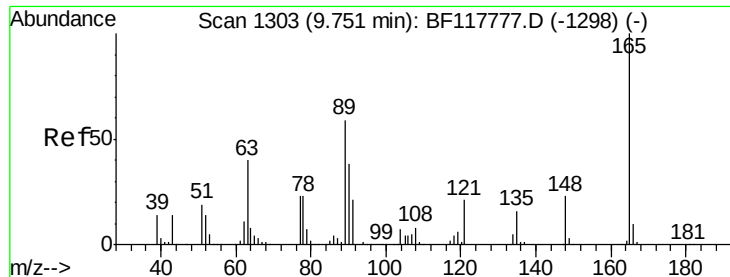
Tgt Ion:163 Resp: 29150

Ion	Ratio	Lower	Upper
163	100		
194	4.7	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

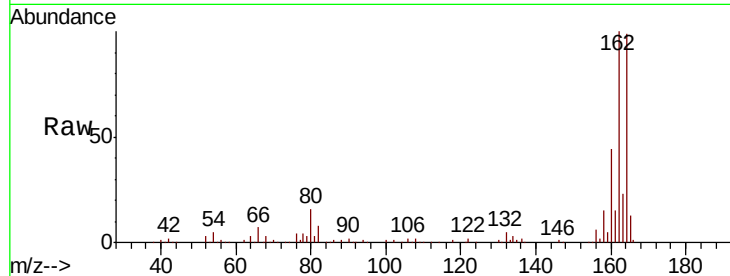




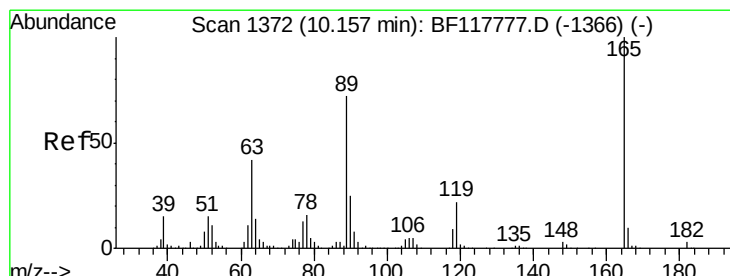
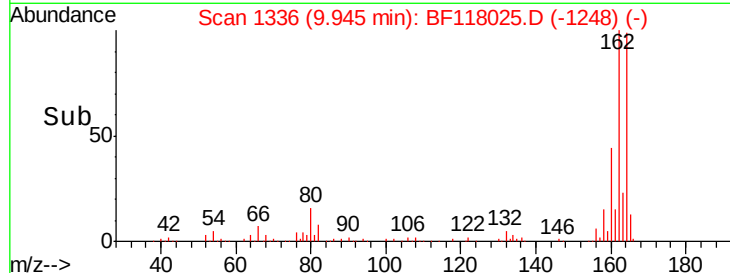
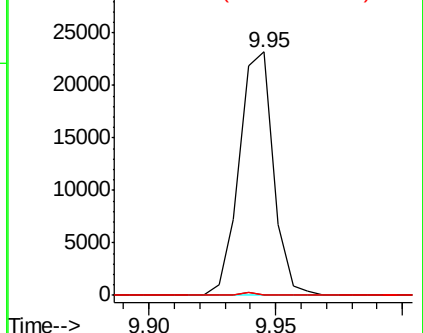
#51
 2,6-Dinitrotoluene
 Concen: 8.408 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.22 min
 Lab File: BF118025.D
 Acq: 27 Nov 2019 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	47.7	71.5#



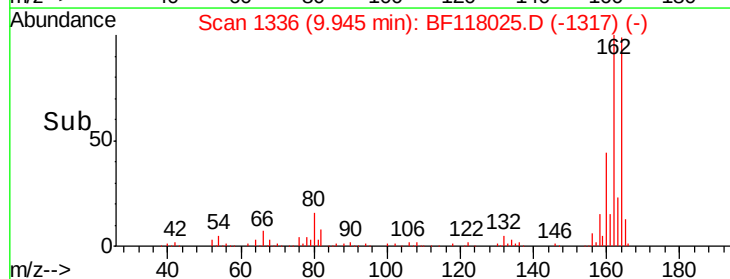
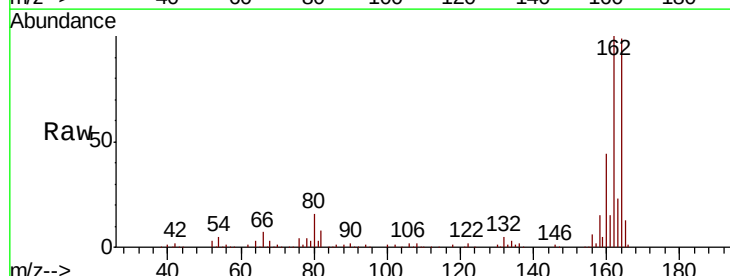
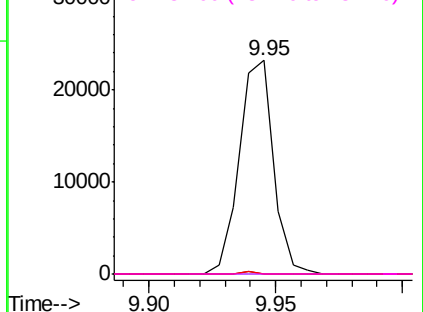
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

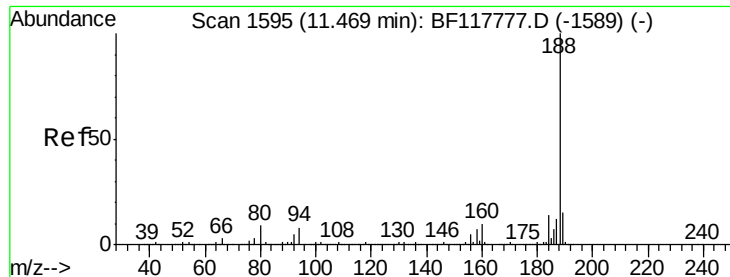


#57
 2,4-Dinitrotoluene
 Concen: 6.610 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118025.D
 Acq: 27 Nov 2019 3:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	0.0	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

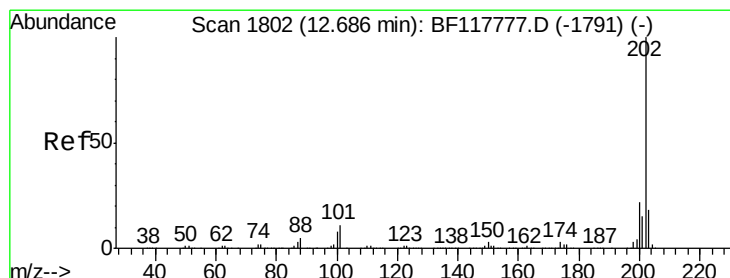
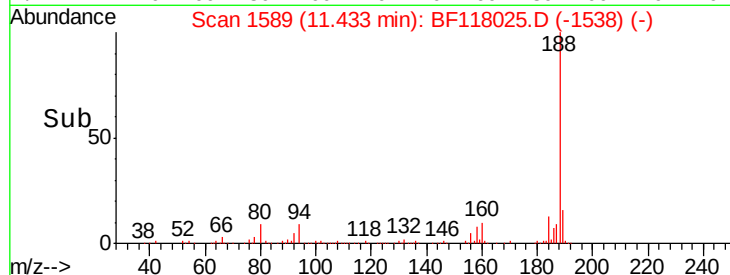
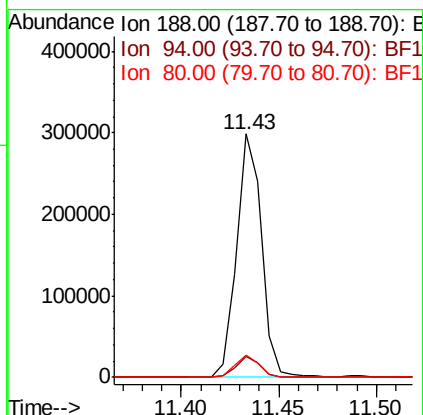
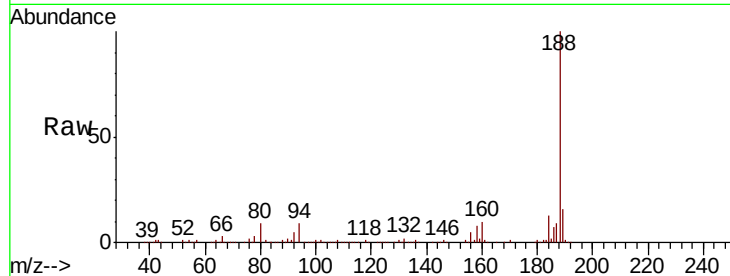




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

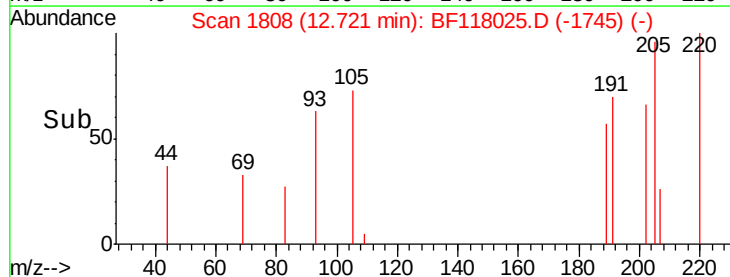
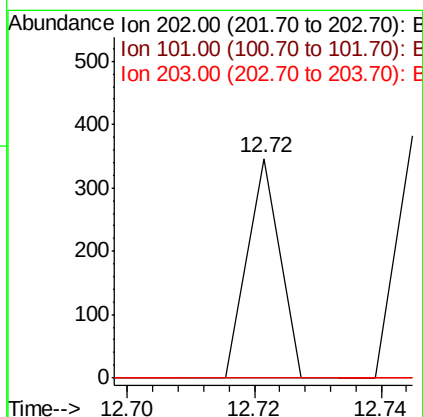
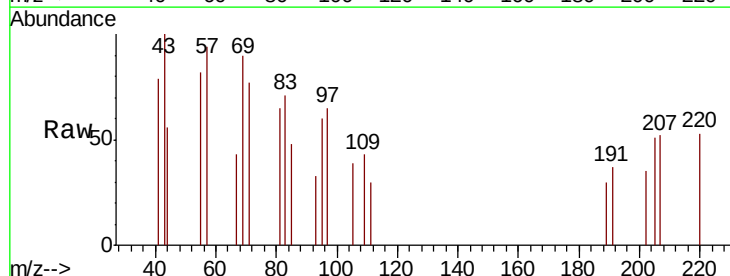
Instrument :
BNA_F
ClientSampleId :

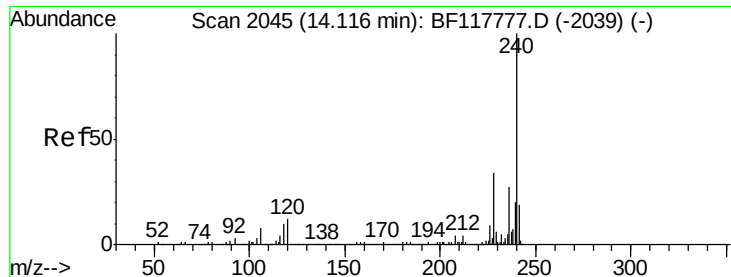
Tot Ion:188 Resp: 264165
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.2 10.8



#75
Fluoranthene
Concen: Below Cal
RT: 12.72 min Scan# 1808
Delta R.T. 0.07 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Tgt Ion:202 Resp: 122
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 0.0 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF118025.D

Acq: 27 Nov 2019 3:36

Instrument :

BNA_F

ClientSampleId :

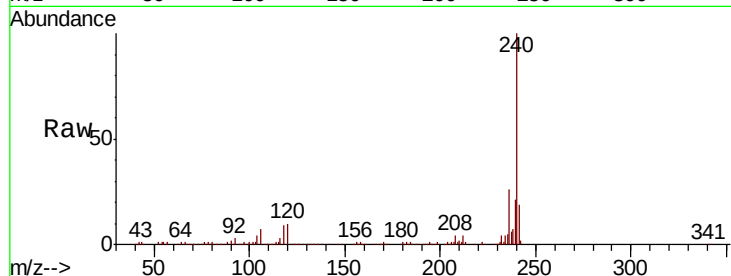
Tot Ion:240 Resp: 200790

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

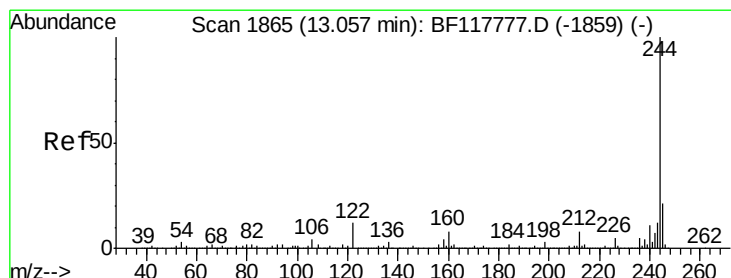
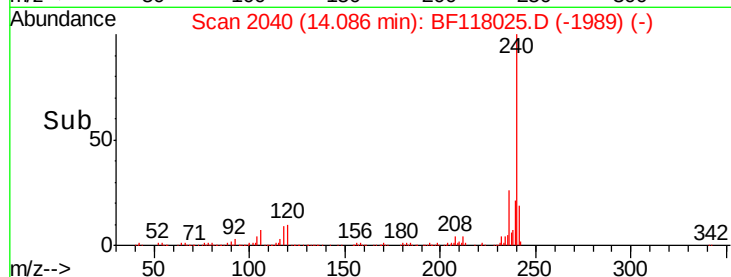
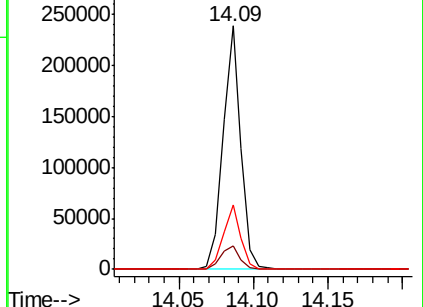
236 26.4 21.3 31.9



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: 95.508 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118025.D

Acq: 27 Nov 2019 3:36

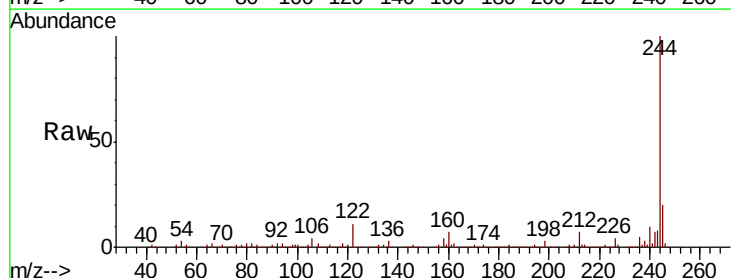
Tgt Ion:244 Resp: 1049299

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

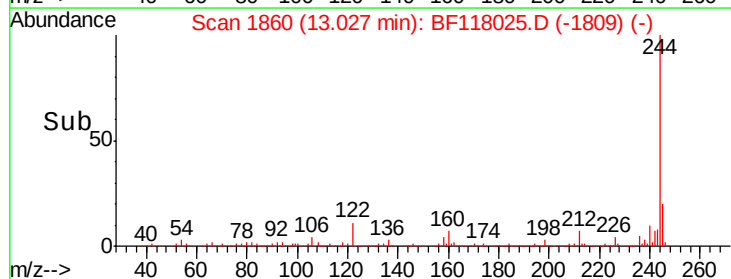
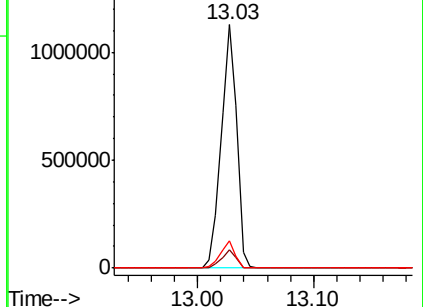
122 11.1 9.4 14.2

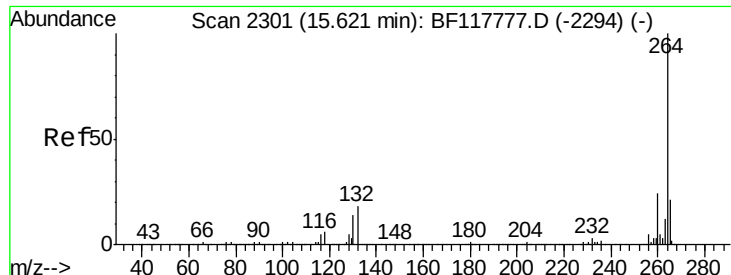


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118025.D
Acq: 27 Nov 2019 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	160408
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.3	17.1	25.7

