

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118013.D
 Acq On : 26 Nov 2019 18:00
 Operator : JU
 Sample : K5959-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 00:45:26 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	136238	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	495304	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	204130	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	387205	20.00	ng	0.00
76) Chrysene-d12	14.09	240	258030	20.00	ng	0.00
87) Perylene-d12	15.59	264	239567	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	873391	113.48	ng	0.02
7) Phenol-d6	6.52	99	1139183	122.71	ng	0.00
23) Nitrobenzene-d5	7.46	82	665360	79.86	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	268125	124.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1136621	99.89	ng	0.00
79) Terphenyl-d14	13.03	244	1096919	77.69	ng	0.00

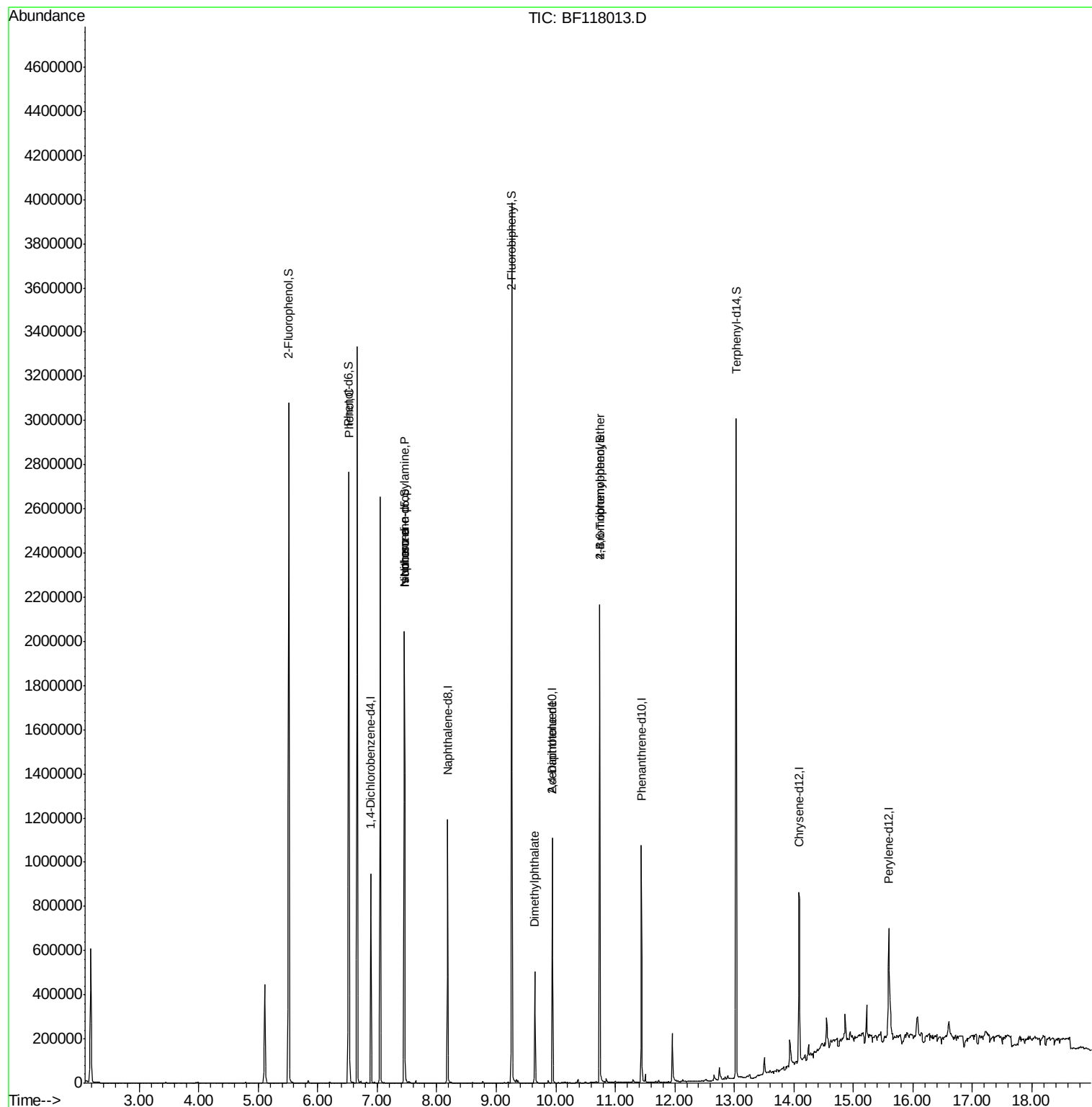
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	1705	Below Cal		# 1
10) Phenol	6.53	94	25037	2.595	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	89987	15.713	ng	# 73
25) Isophorone	7.46	82	665355	43.569	ng	# 62
50) Dimethylphthalate	9.65	163	187207	13.078	ng	98
57) 2,4-Dinitrotoluene	9.95	165	25675	6.452	ng	# 24
67) 4-Bromophenyl-phenylether	10.74	248	16494	3.948	ng	# 1
75) Fluoranthene	12.66	202	7629	Below Cal		98

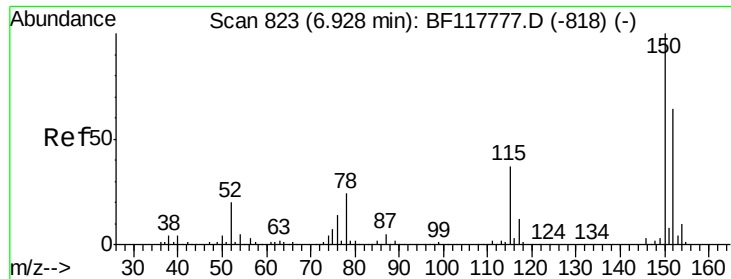
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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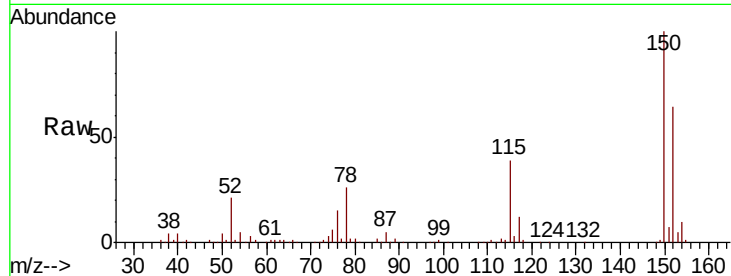




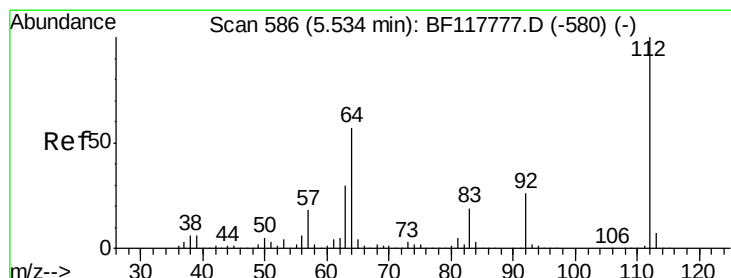
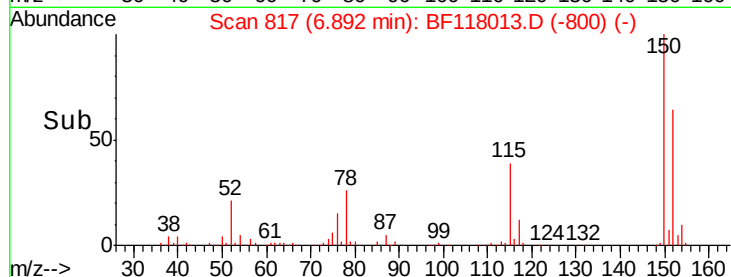
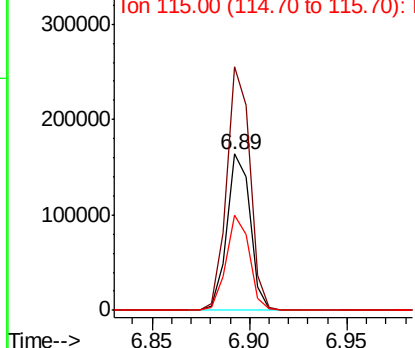
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 136238
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.3 187.9
 115 61.0 47.0 70.4

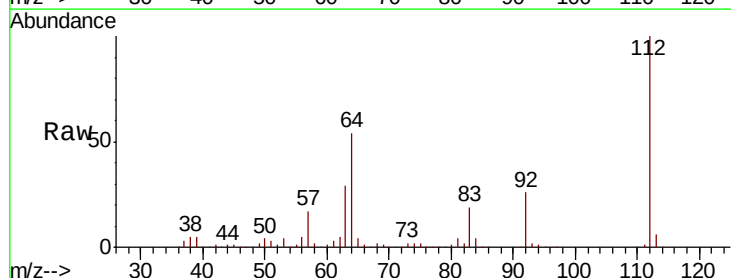


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

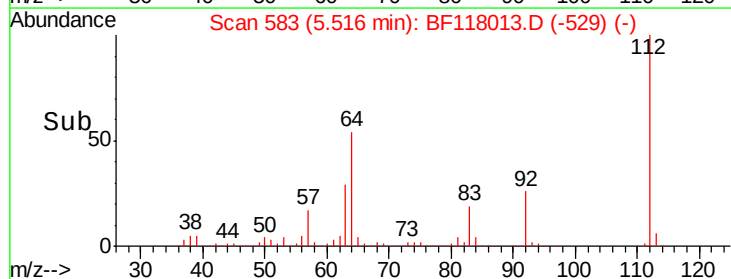
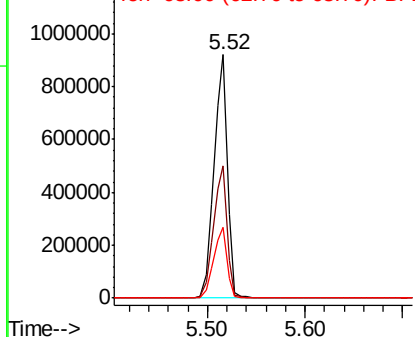


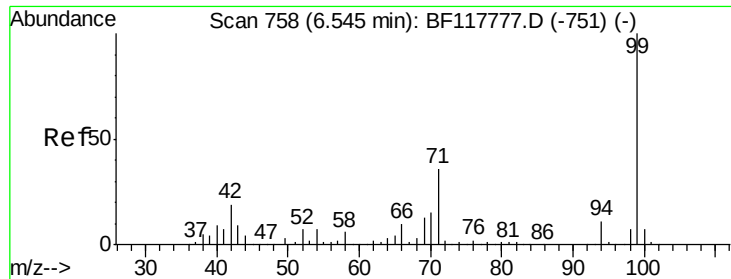
#5
 2-Fluorophenol
 Concen: 113.477 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Tgt Ion:112 Resp: 873391
 Ion Ratio Lower Upper
 112 100
 64 54.2 45.6 68.4
 63 29.0 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: 122.713 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

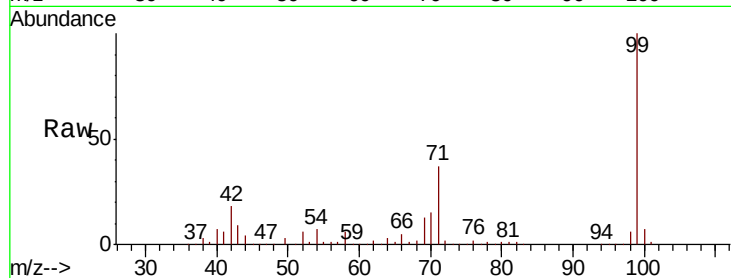
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1139183

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.9	22.3
71	36.6	28.6	43.0

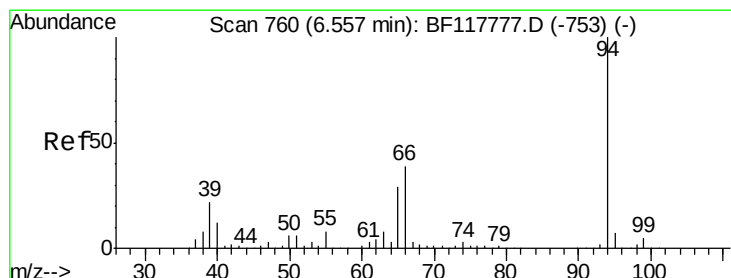
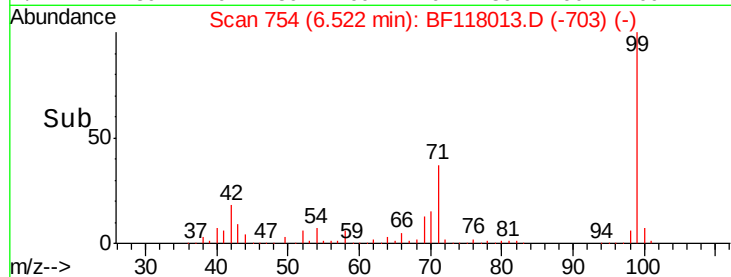


Abundance

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: 2.595 ng

RT: 6.53 min Scan# 756

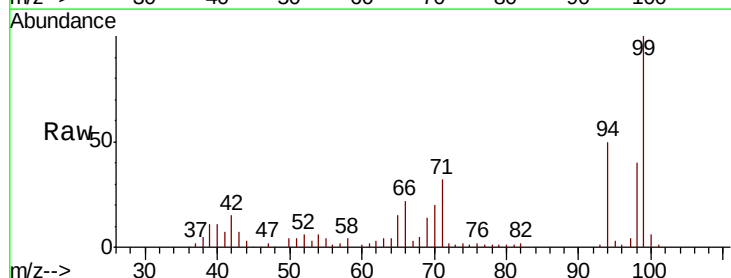
Delta R.T. 0.00 min

Lab File: BF118013.D

Acq: 26 Nov 2019 18:00

Tgt Ion: 94 Resp: 25037

Ion	Ratio	Lower	Upper
94	100		
65	29.8	8.9	48.9
66	43.9	18.7	58.7

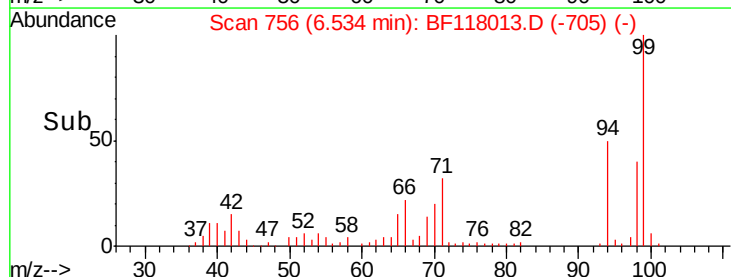


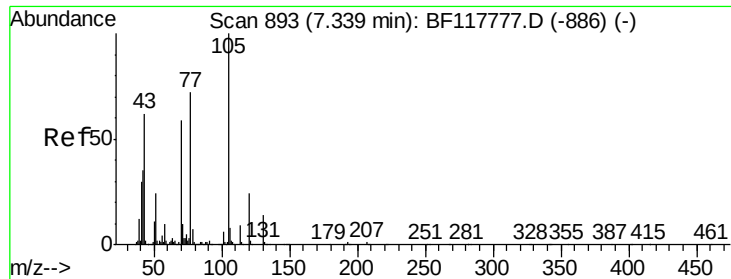
Abundance

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

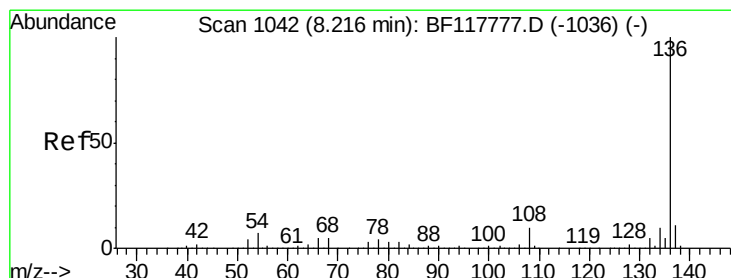
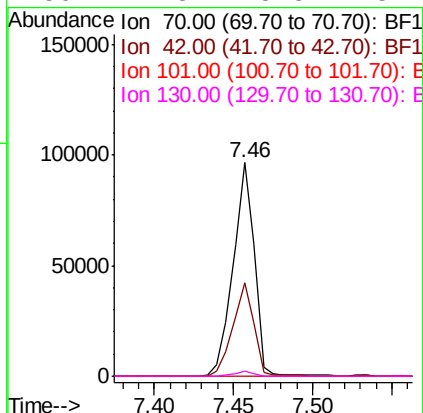
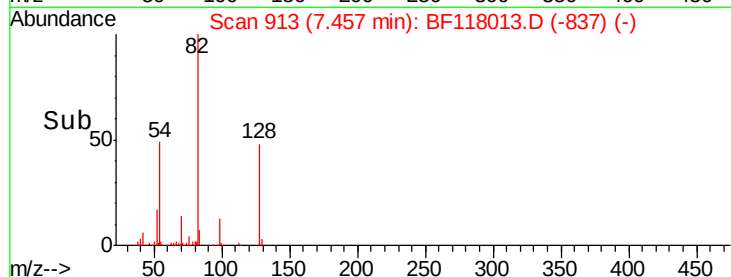
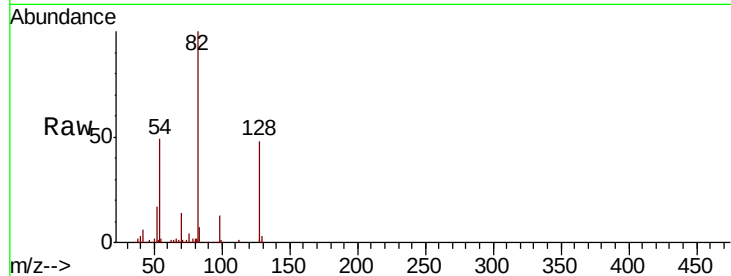




#19
n-Nitroso-di-n-propylamine
Concen: 15.713 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

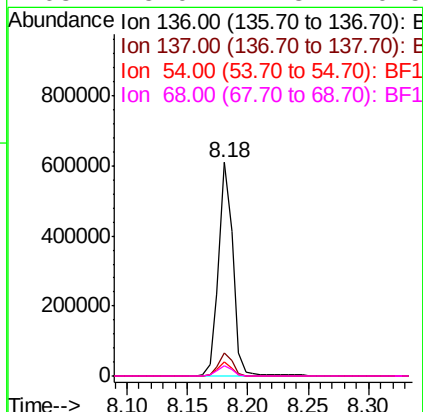
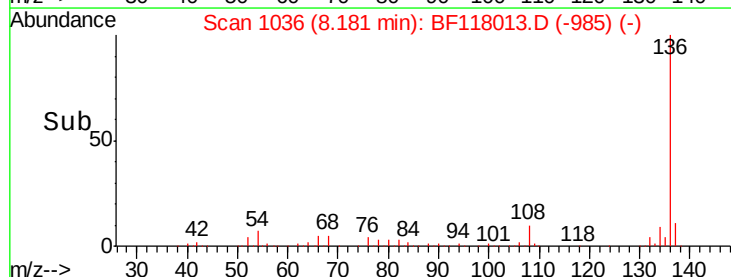
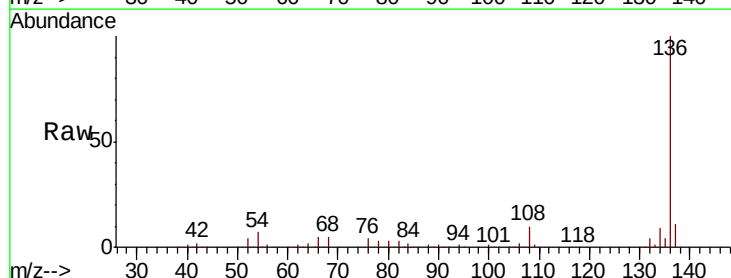
Instrument :
BNA_F
ClientSampleId :

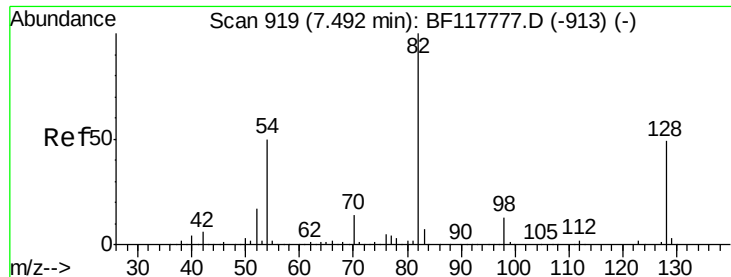
Tot Ion: 70 Resp: 89987
Ion Ratio Lower Upper
70 100
42 43.5 47.4 71.2#
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion: 136 Resp: 495304
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.4 8.2
68 5.0 4.3 6.5

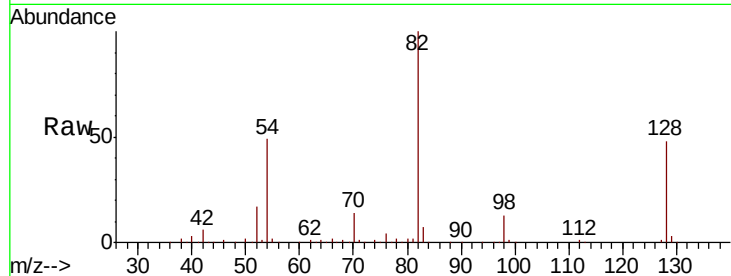




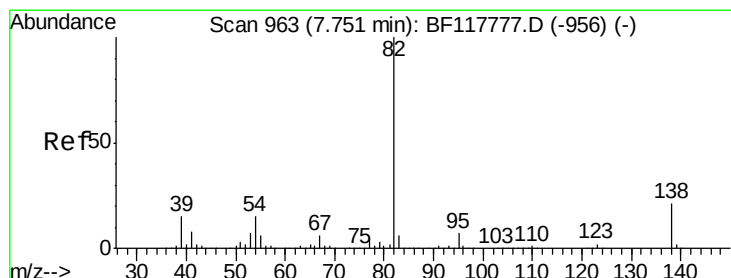
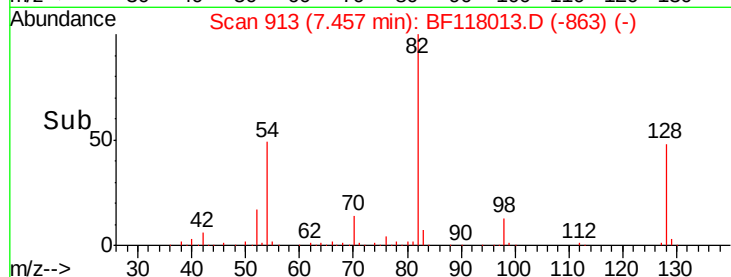
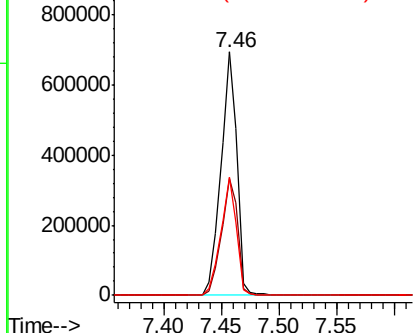
#23
Nitrobenzene-d5
Concen: 79.856 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	665360
Ion Ratio	Lower	Upper	
82	100		
128	48.2	38.9	58.3
54	48.7	39.8	59.6

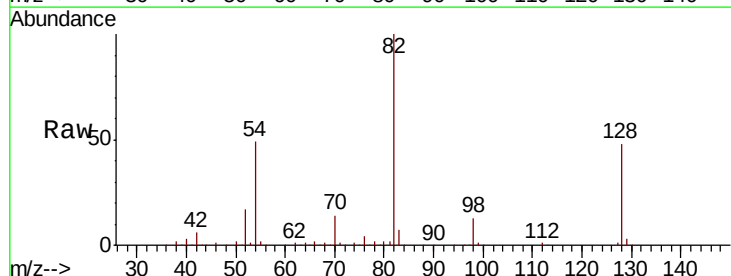


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

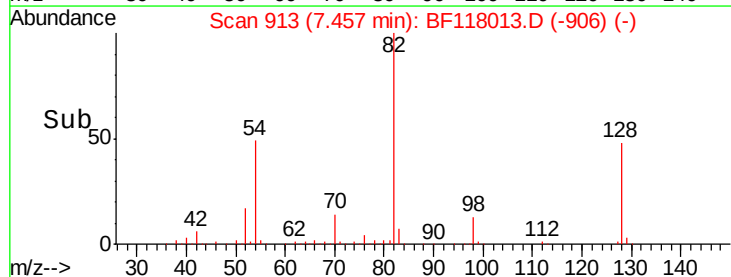
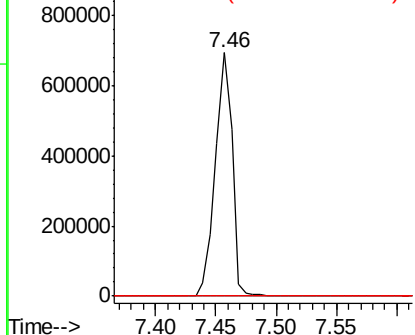


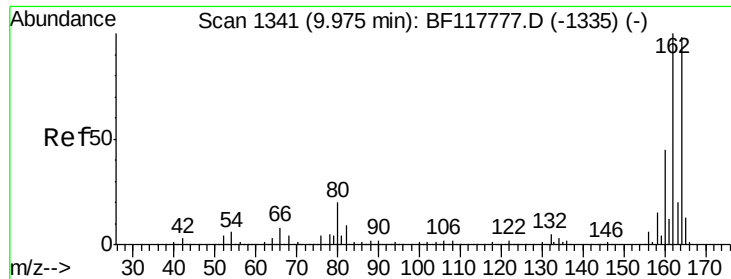
#25
Isophorone
Concen: 43.569 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion	82	Resp	665355
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

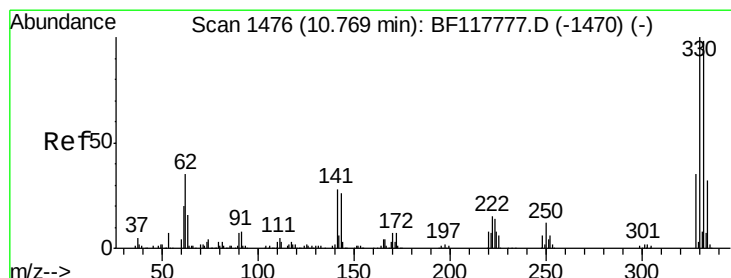
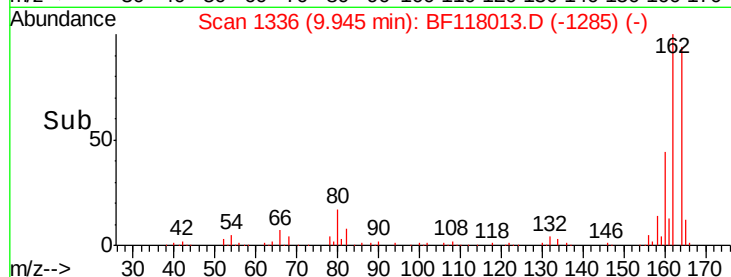
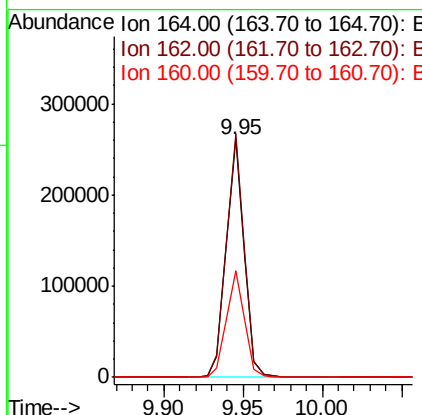
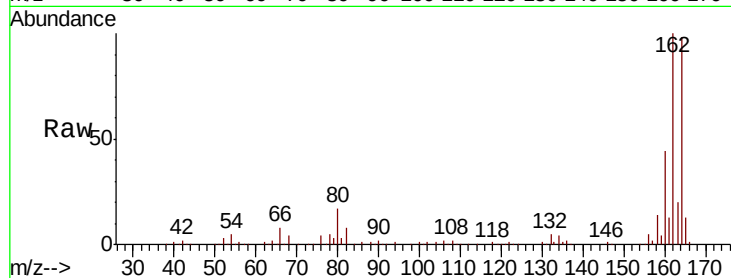




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

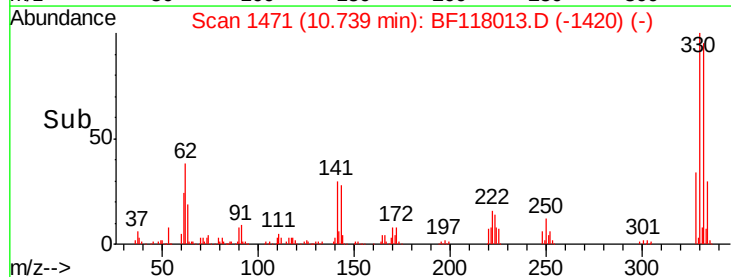
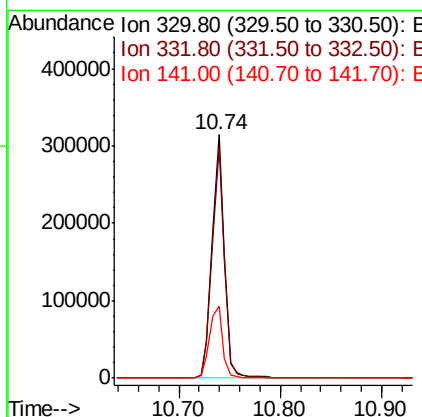
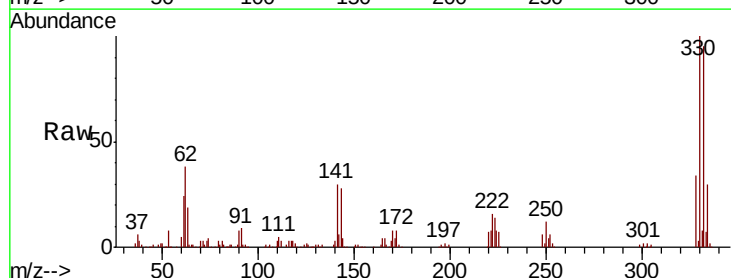
Instrument :
BNA_F
ClientSampleId :

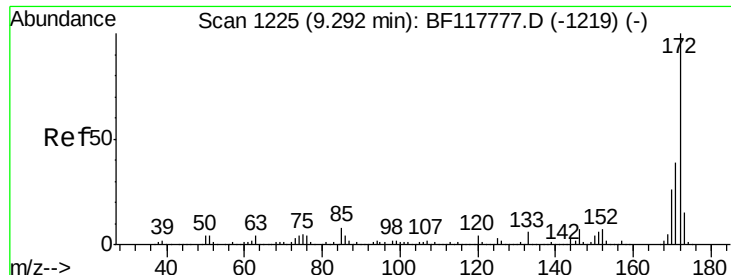
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.6	36.6	55.0



#42
2,4,6-Tribromophenol
Concen: 124.069 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	31.8	27.7	41.5

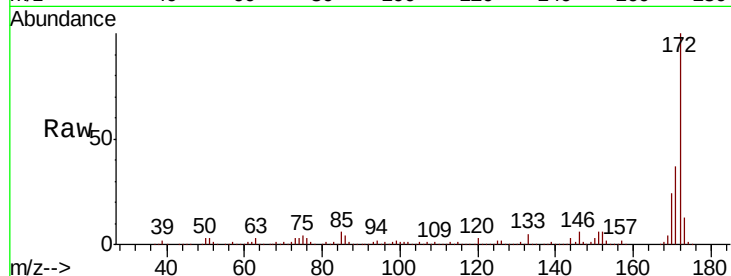




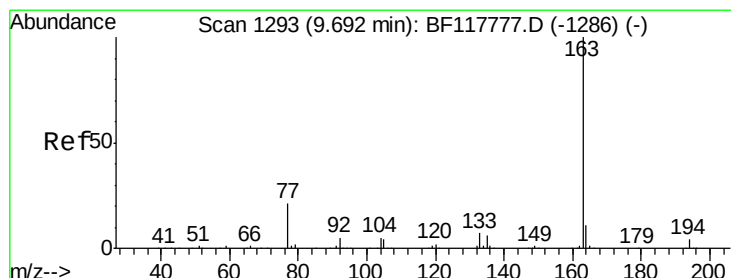
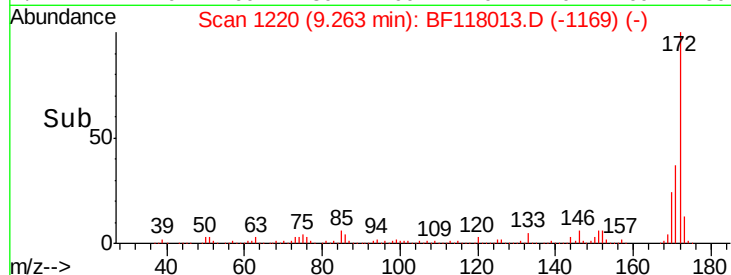
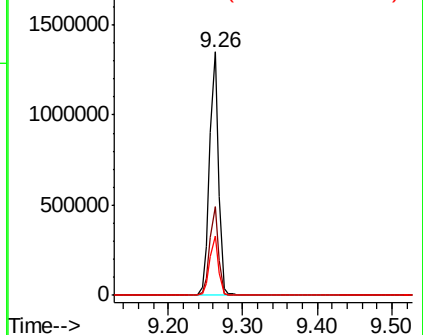
#45
2-Fluorobiphenyl
Concen: 99.894 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1136621
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 24.3 21.0 31.4

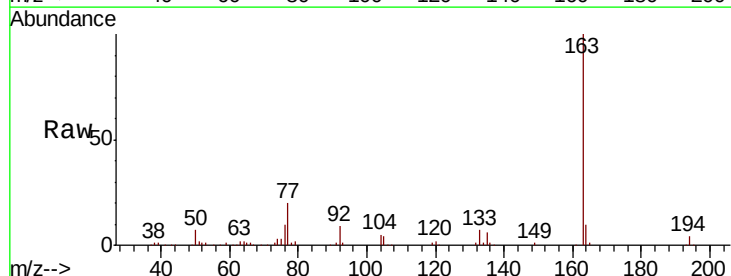


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

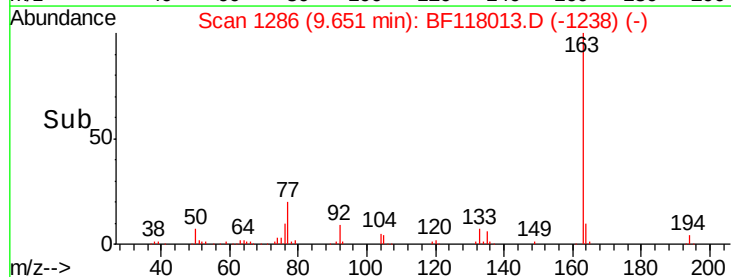
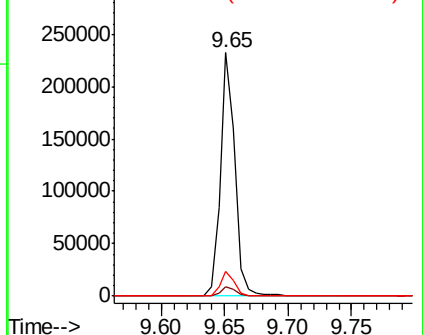


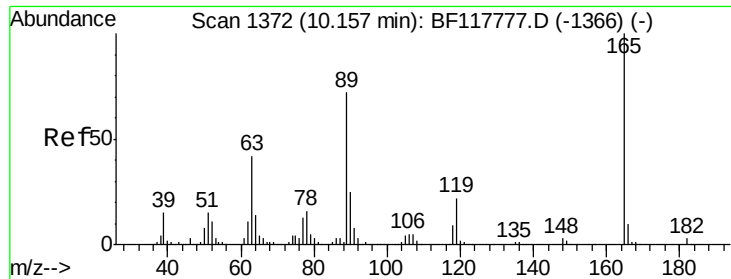
#50
Dimethylphthalate
Concen: 13.078 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Tgt Ion:163 Resp: 187207
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 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

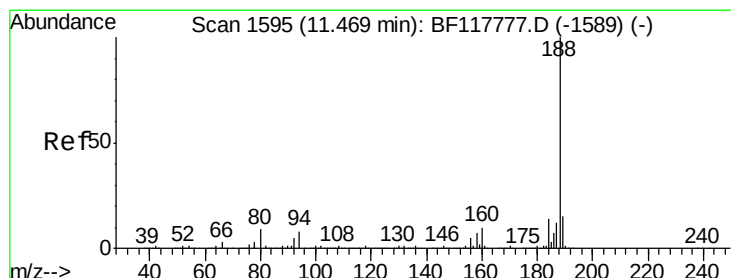
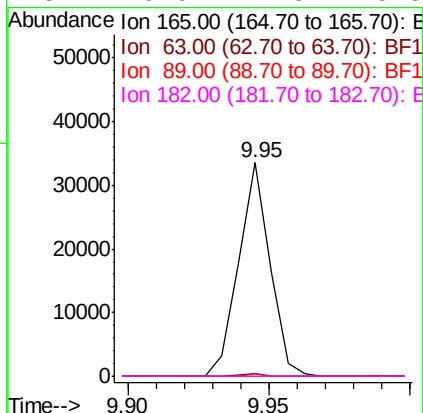
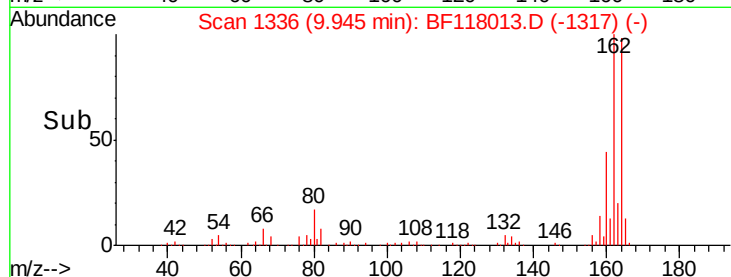
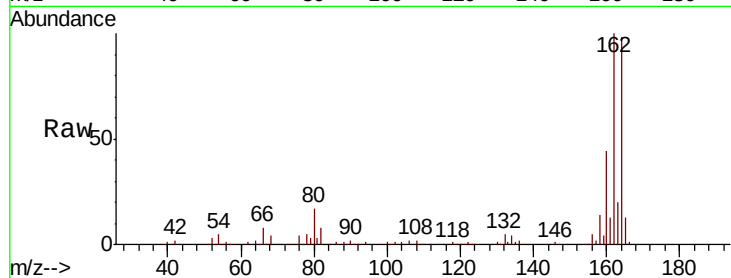




#57
 2,4-Dinitrotoluene
 Concen: 6.452 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

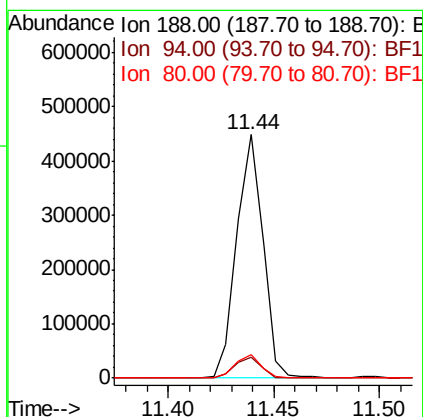
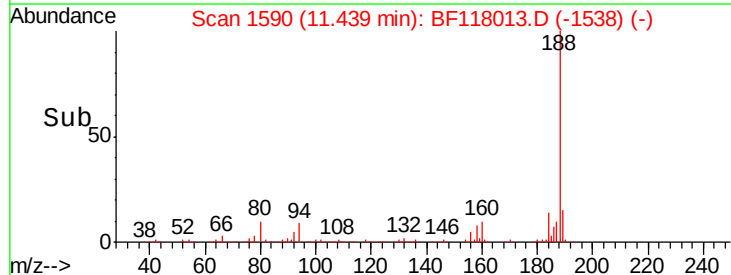
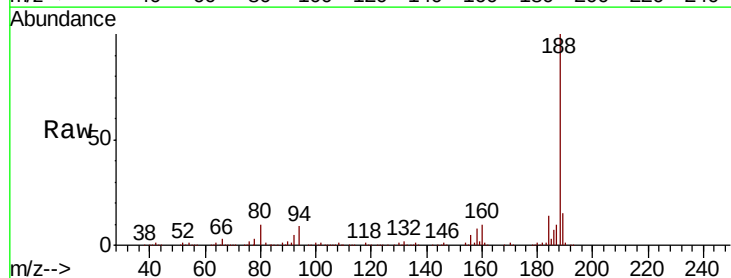
Instrument :
 BNA_F
 ClientSampled :

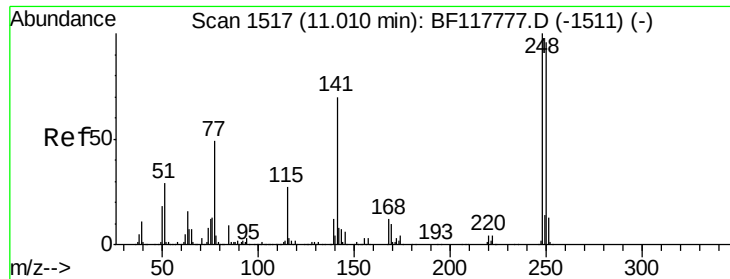
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.5	7.2	10.8

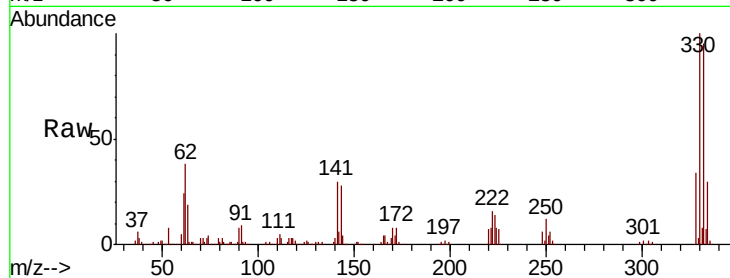




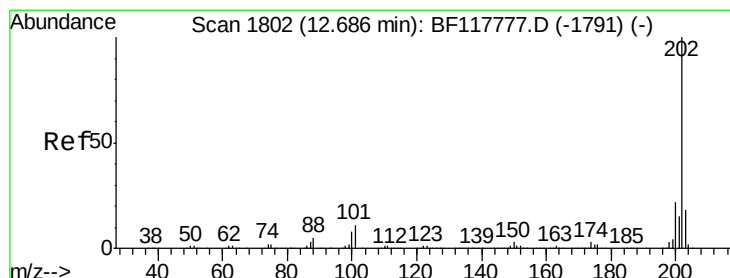
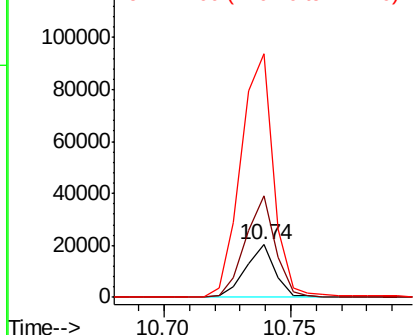
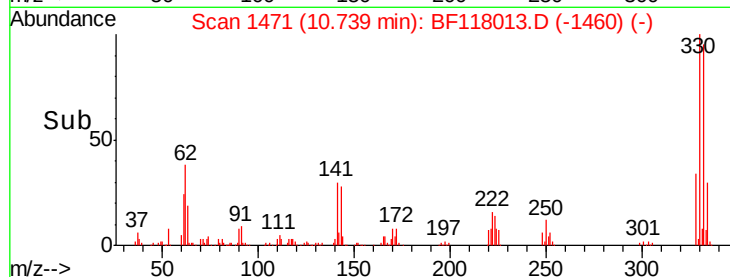
#67
 4-Bromophenyl-phenylether
 Concen: 3.948 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.24 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16494
 Ion Ratio Lower Upper
 248 100
 250 193.9 76.6 115.0#
 141 463.1 55.9 83.9#

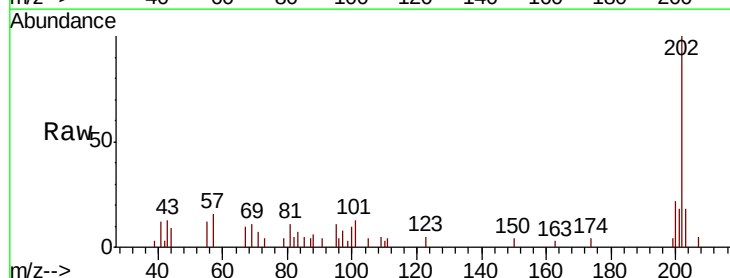


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

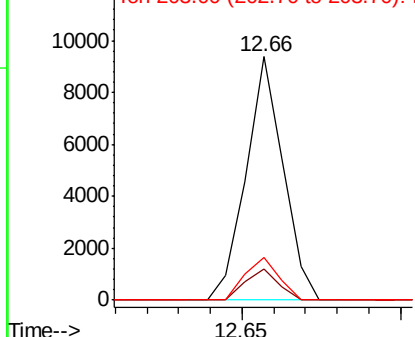
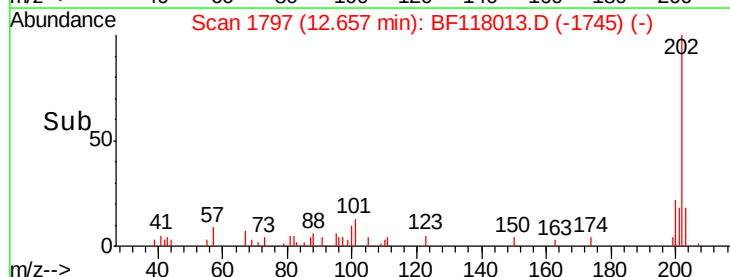


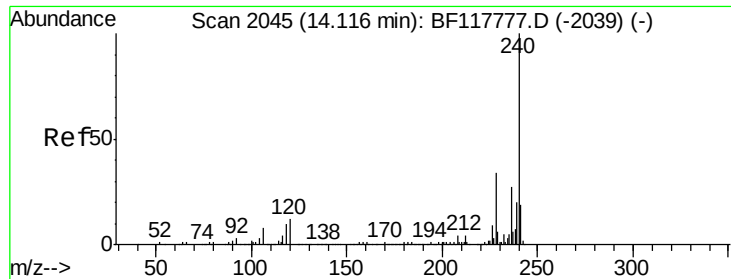
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Tgt Ion:202 Resp: 7629
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.1
 203 17.7 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

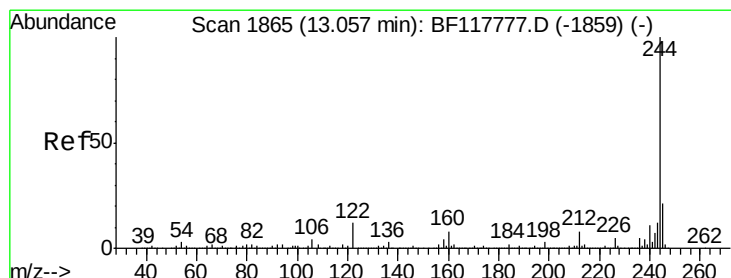
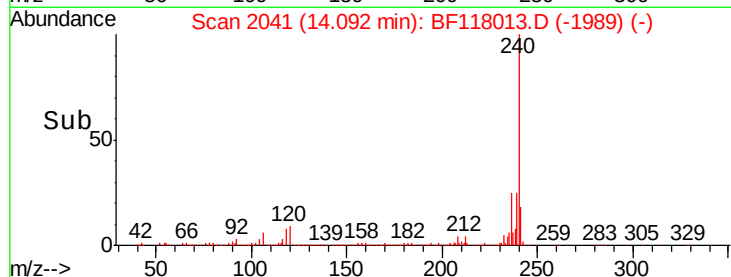
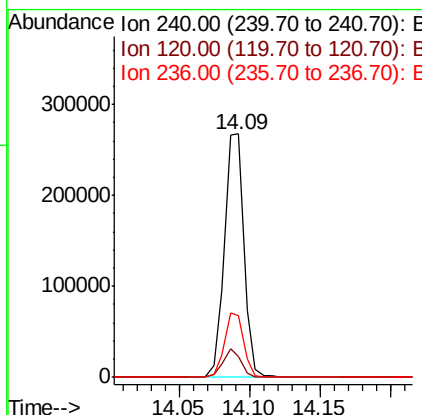
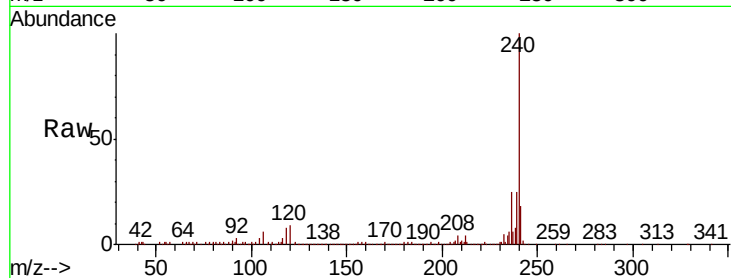




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

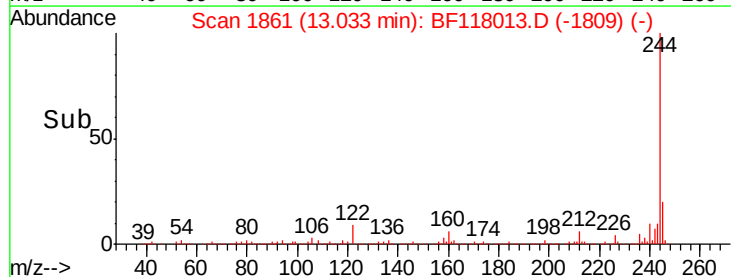
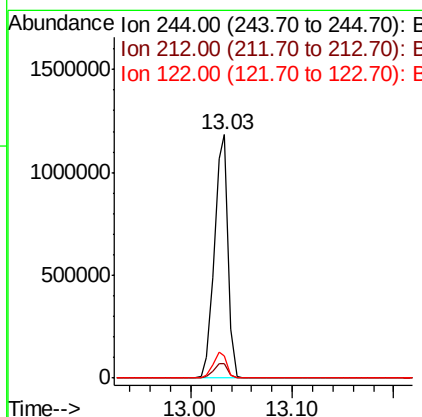
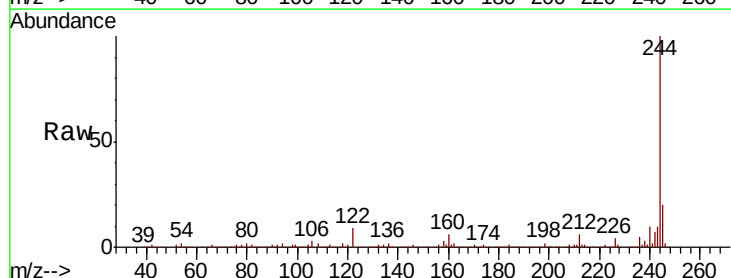
Instrument :
 BNA_F
 ClientSampleId :

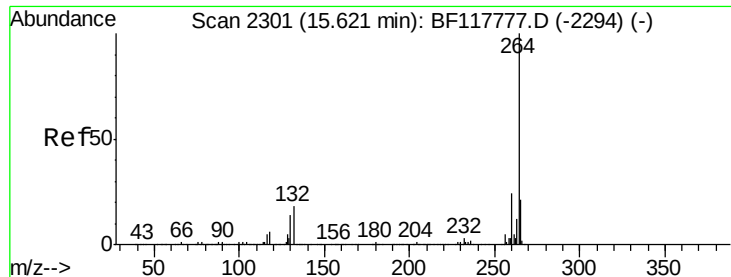
Tot Ion:240 Resp: 258030
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 25.4 21.3 31.9



#79
 Terphenyl-d14
 Concen: 77.694 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: BF118013.D
 Acq: 26 Nov 2019 18:00

Tgt Ion:244 Resp: 1096919
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.3 9.5#
 122 9.0 9.4 14.2#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118013.D
Acq: 26 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	239567
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.7	17.1	25.7

