

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117890.D
 Acq On : 20 Nov 2019 13:58
 Operator : JU
 Sample : K5908-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 03:06:26 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

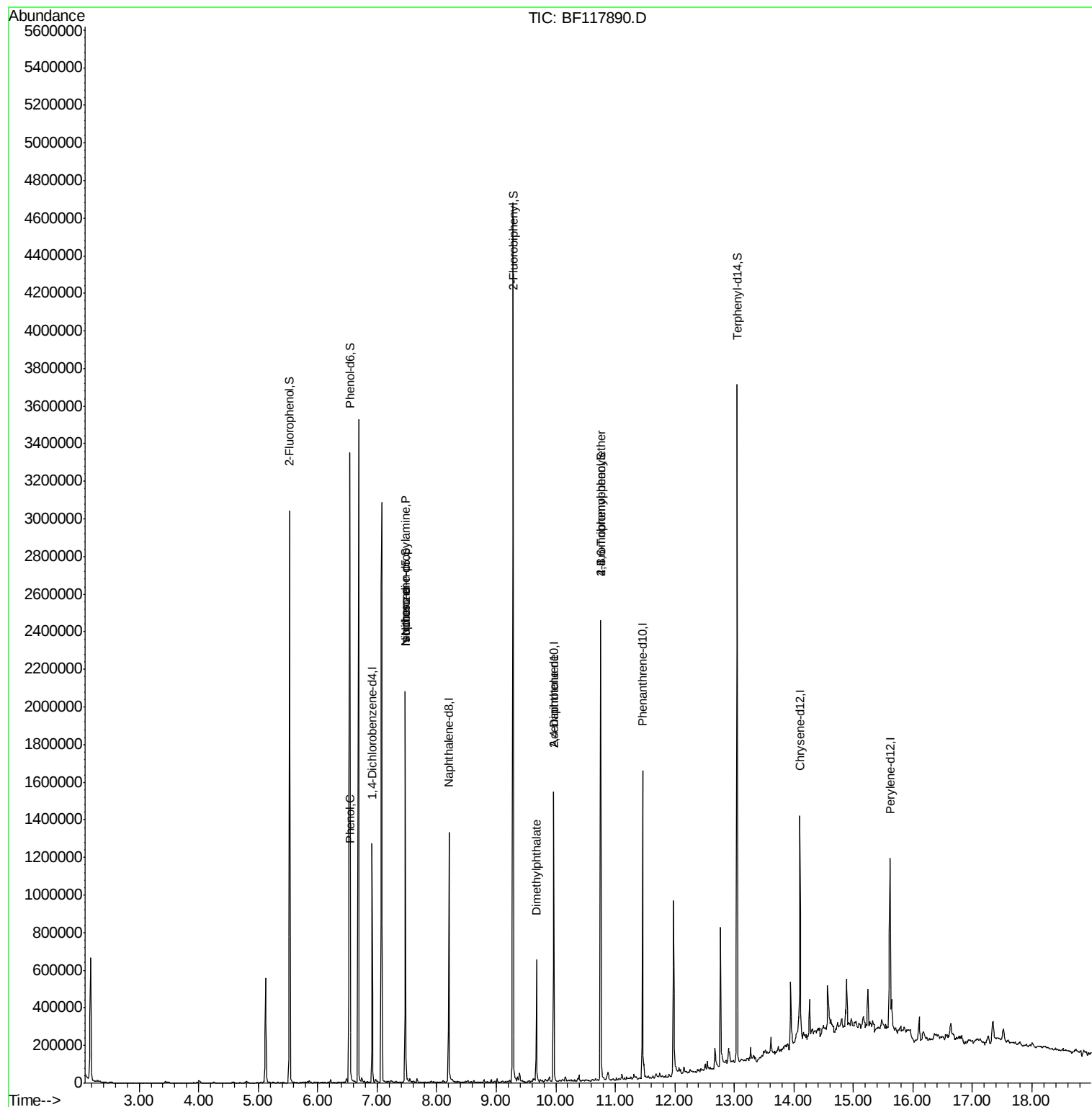
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	169541	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	568232	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	314467	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	541978	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	360106	20.00	ng	-0.01
87) Perylene-d12	15.62	264	429414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	836154	87.30	ng	0.00
7) Phenol-d6	6.54	99	1140378	98.71	ng	0.00
23) Nitrobenzene-d5	7.47	82	624811	65.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	301124	90.45	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1368942	78.10	ng	-0.01
79) Terphenyl-d14	13.04	244	1186872	60.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	2676	Below Cal		Qvalue
10) Phenol	6.55	94	62657	5.219 ng	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	85896	12.052 ng	#	95
25) Isophorone	7.47	82	621062	35.449 ng	#	77
50) Dimethylphthalate	9.67	163	254607	11.546 ng	#	62
57) 2,4-Dinitrotoluene	9.96	165	40335	6.579 ng	#	98
67) 4-Bromophenyl-phenylether	10.76	248	19187	3.281 ng	#	24
75) Fluoranthene	12.67	202	30285	Below Cal		# 1
						98

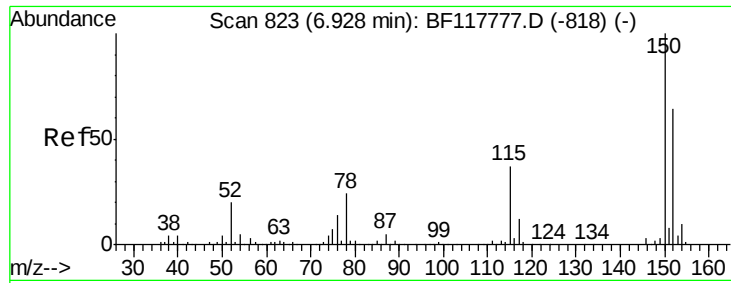
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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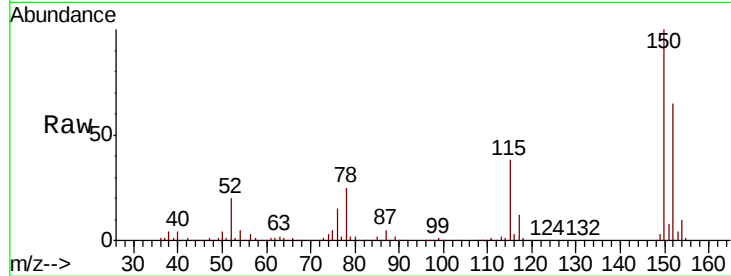


#1

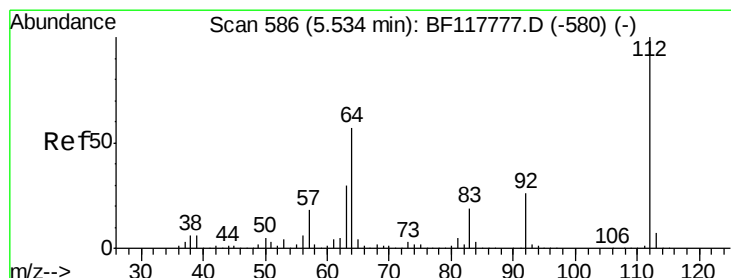
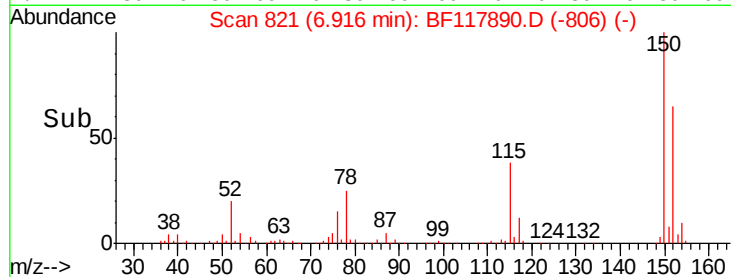
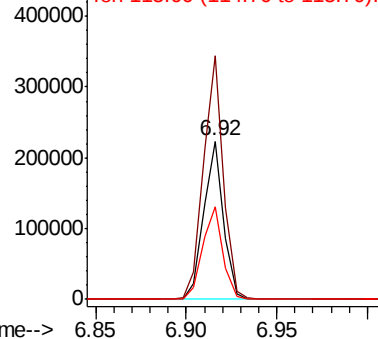
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169541
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 58.5 47.0 70.4



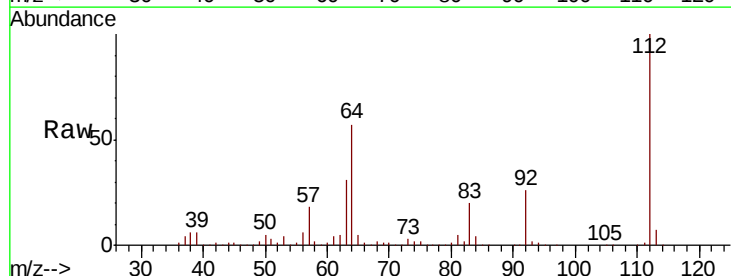
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



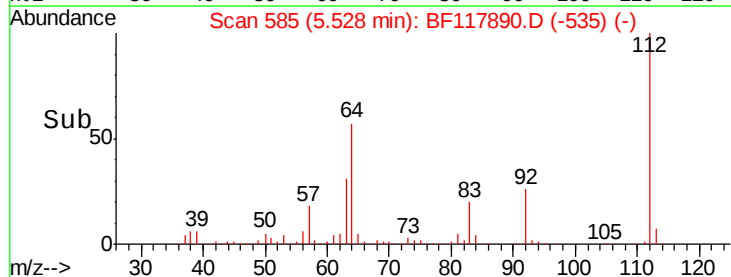
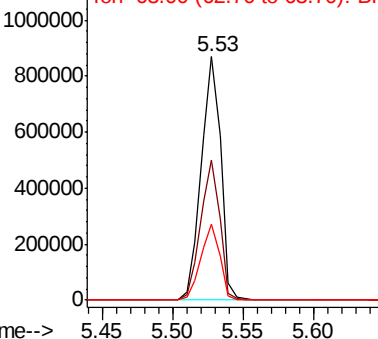
#5

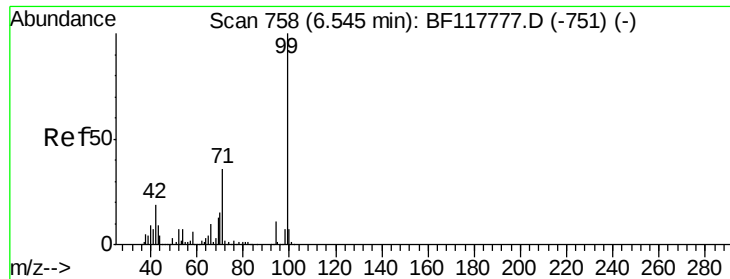
2-Fluorophenol
Concen: 87.299 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion:112 Resp: 836154
Ion Ratio Lower Upper
112 100
64 57.4 45.6 68.4
63 31.3 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: 98.712 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_F

ClientSampleId :

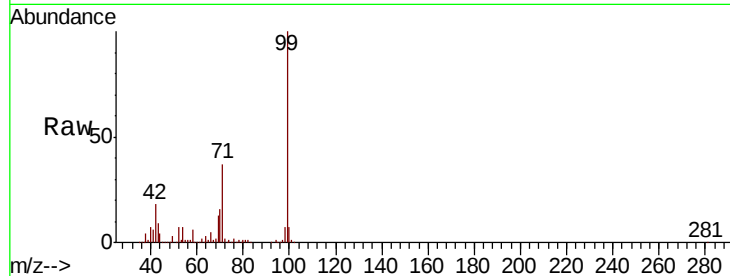
Tot Ion: 99 Resp: 1140378

Ion Ratio Lower Upper

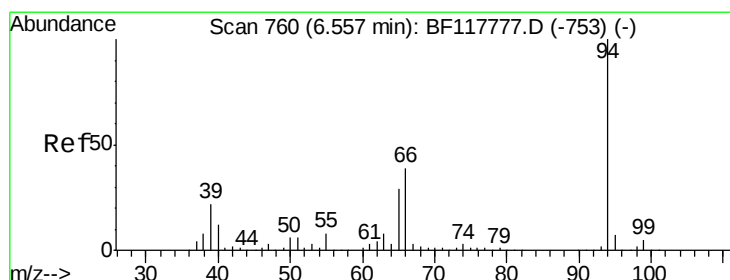
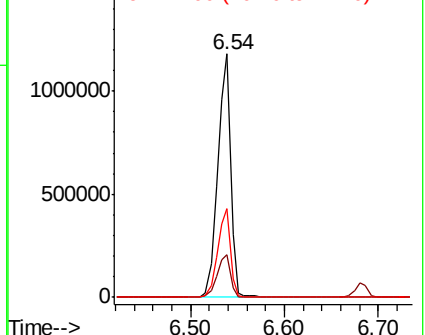
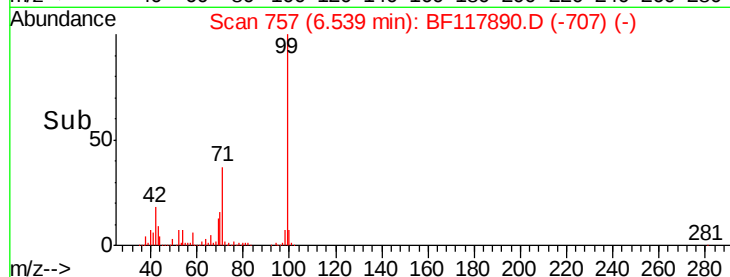
99 100

42 17.7 14.9 22.3

71 36.7 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: 5.219 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117890.D

Acq: 20 Nov 2019 13:58

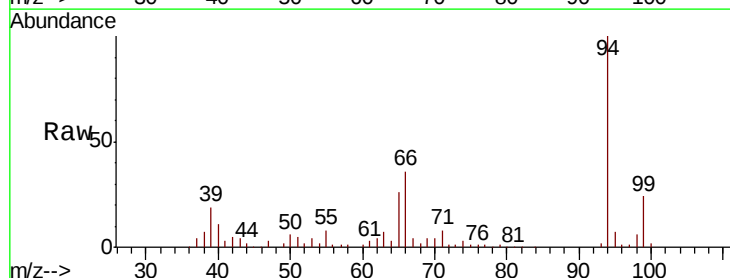
Tgt Ion: 94 Resp: 62657

Ion Ratio Lower Upper

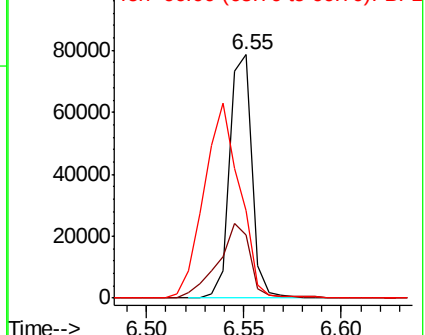
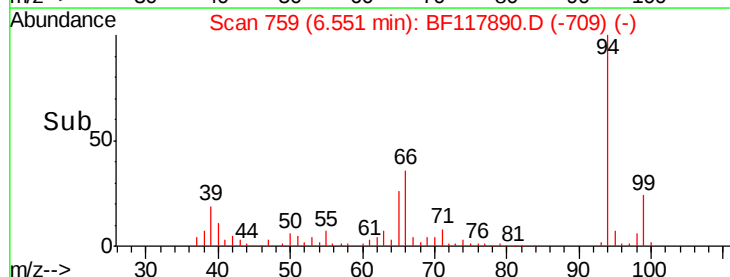
94 100

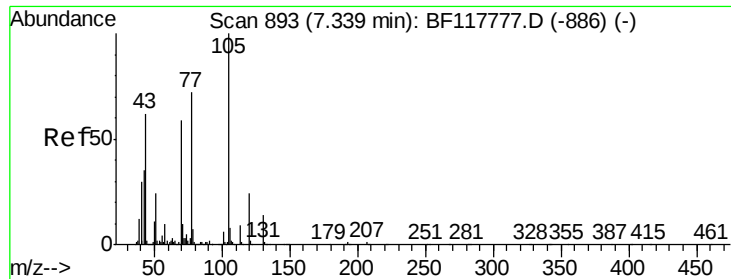
65 26.0 8.9 48.9

66 35.7 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

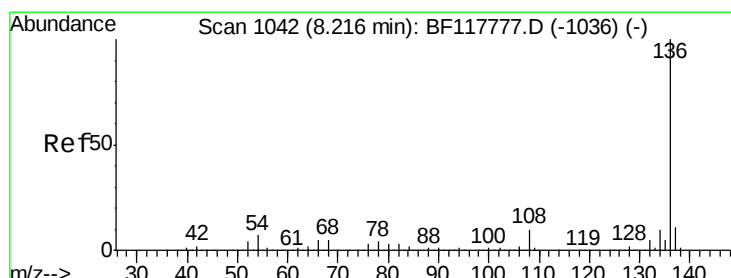
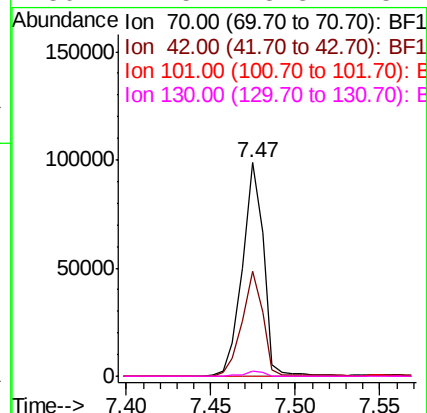
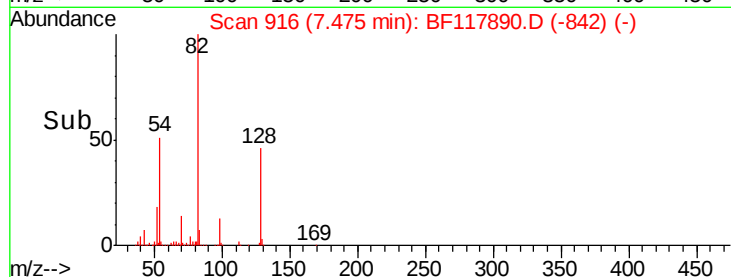
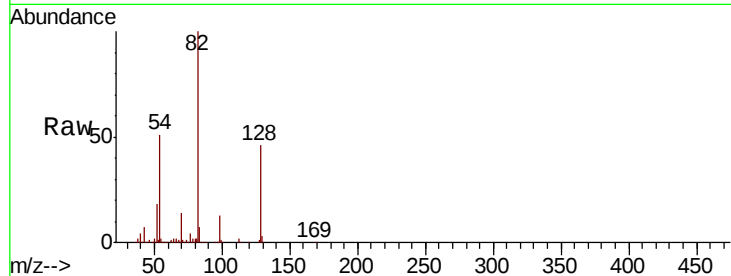




#19
n-Nitroso-di-n-propylamine
Concen: 12.052 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

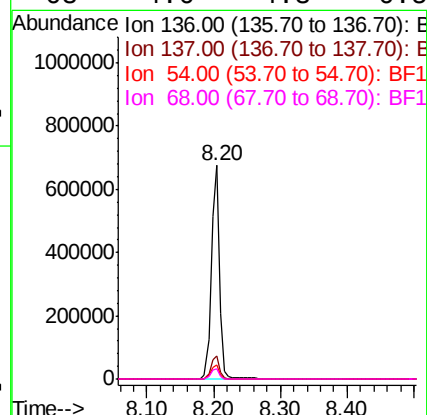
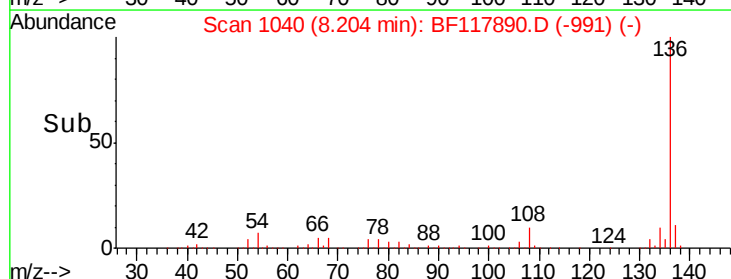
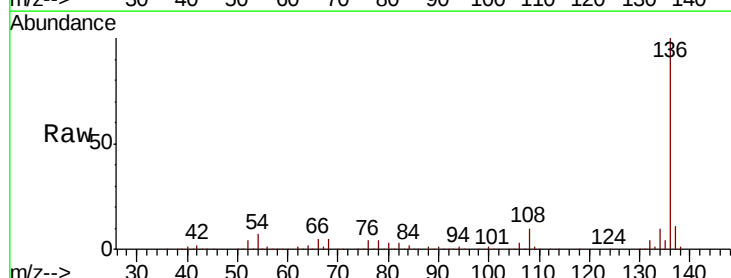
Instrument :
BNA_F
ClientSampleId :

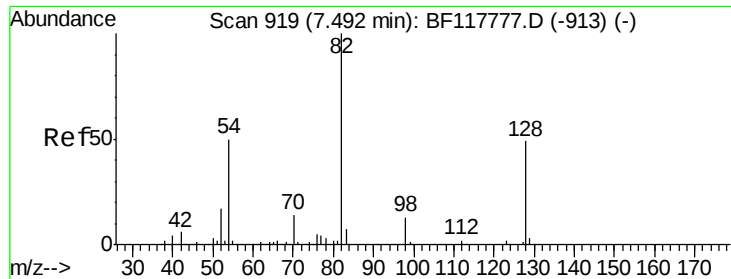
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.4	71.2
101	0.0	8.4	12.6#
130	2.5	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.2
68	4.6	4.3	6.5

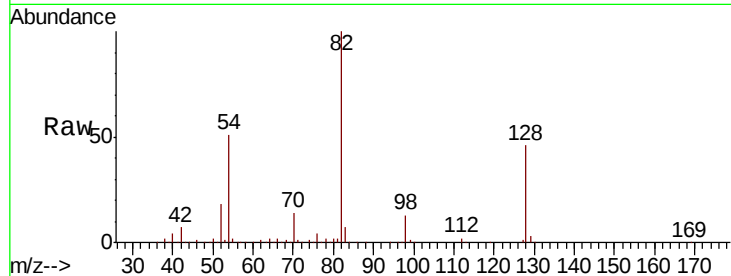




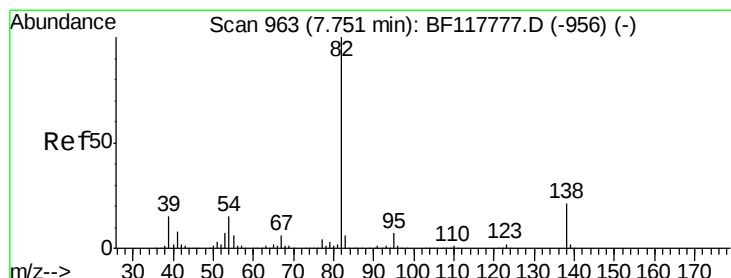
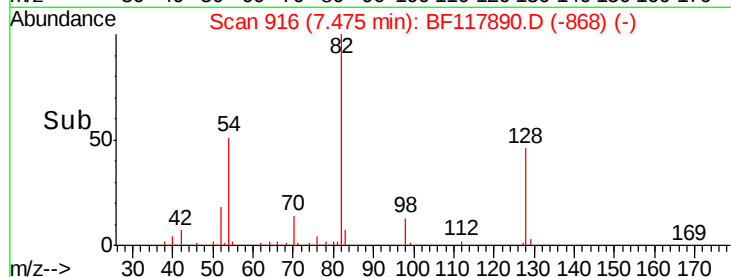
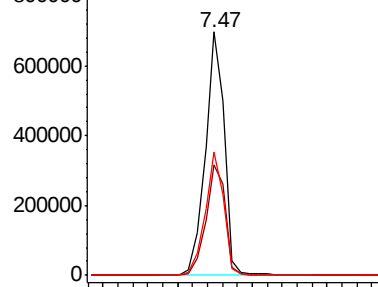
#23
Nitrobenzene-d5
Concen: 65.365 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	624811
Ion Ratio	Lower	Upper	
82	100		
128	45.6	38.9	58.3
54	50.9	39.8	59.6

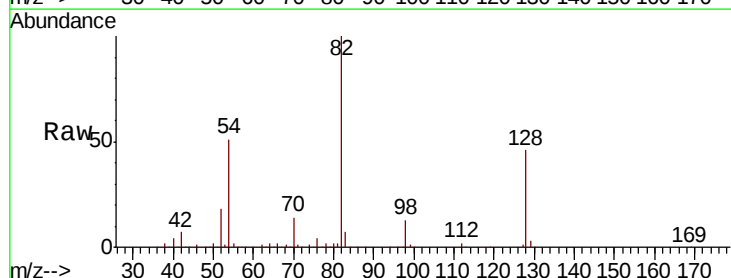


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

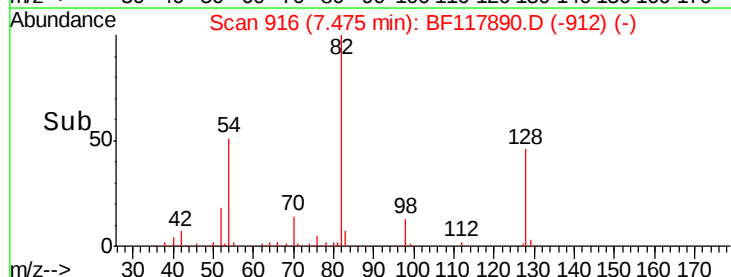
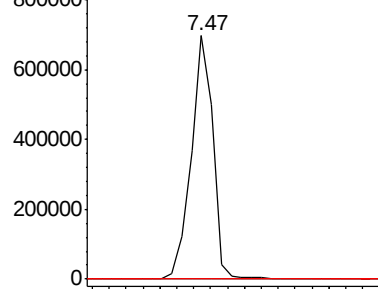


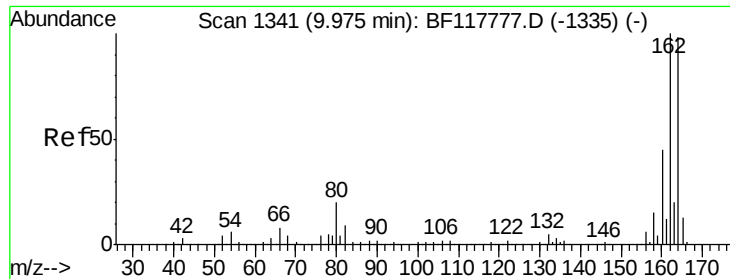
#25
Isophorone
Concen: 35.449 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion	82	Resp	621062
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

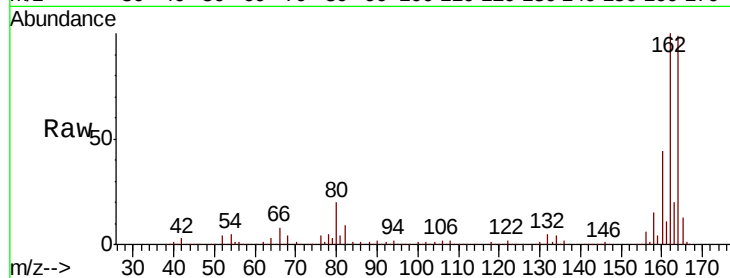




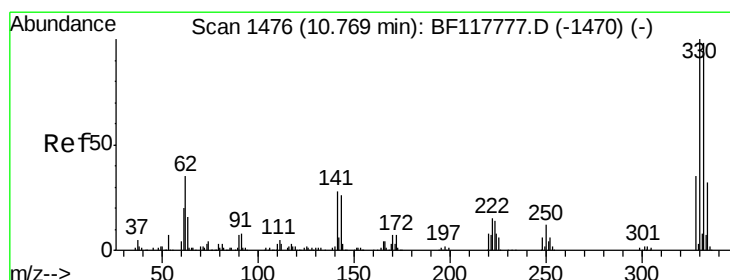
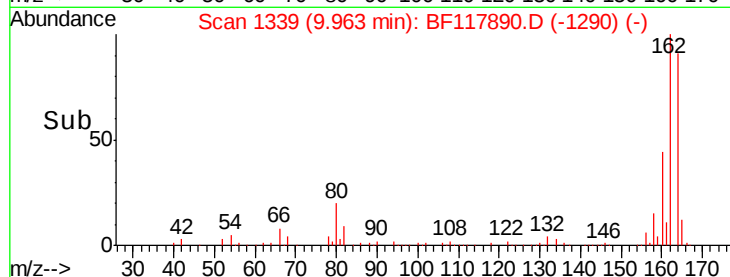
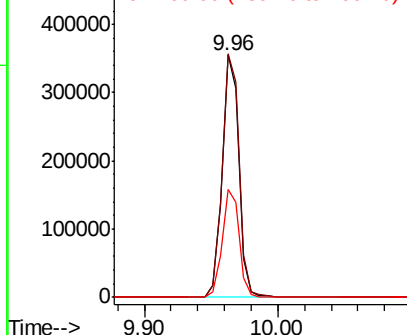
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 314467
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.5 36.6 55.0

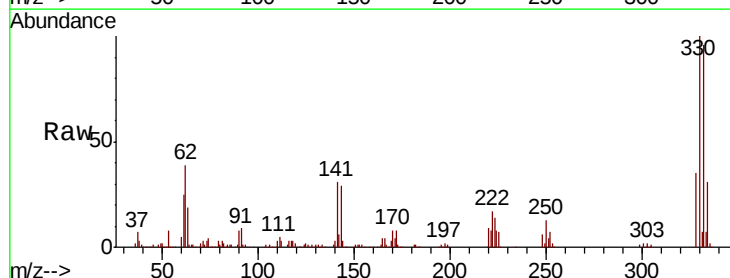


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

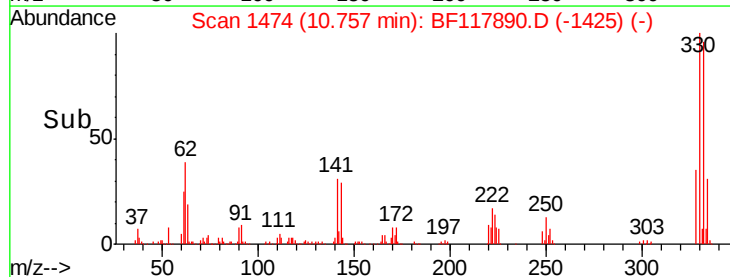
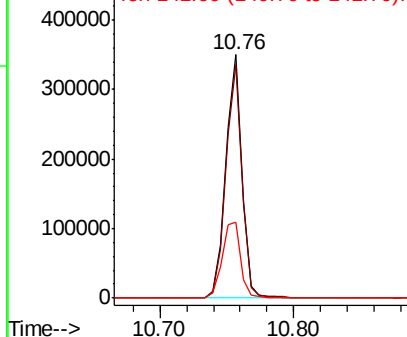


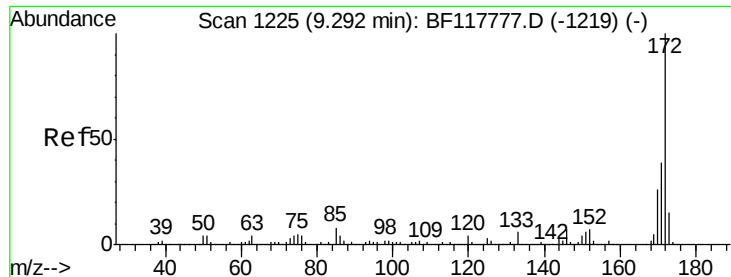
#42
2,4,6-Tribromophenol
Concen: 90.449 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion:330 Resp: 301124
Ion Ratio Lower Upper
330 100
332 96.3 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

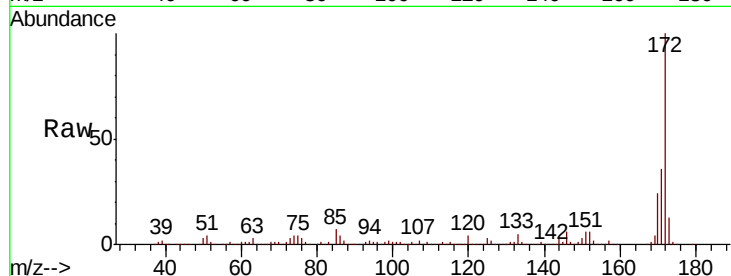




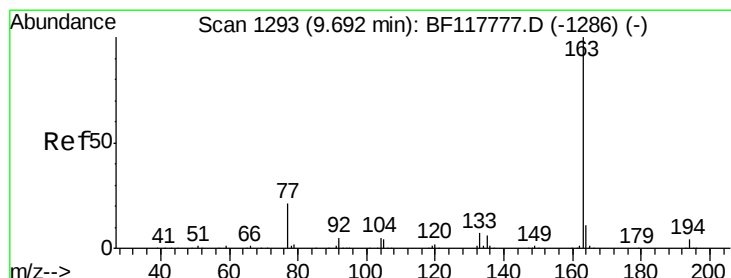
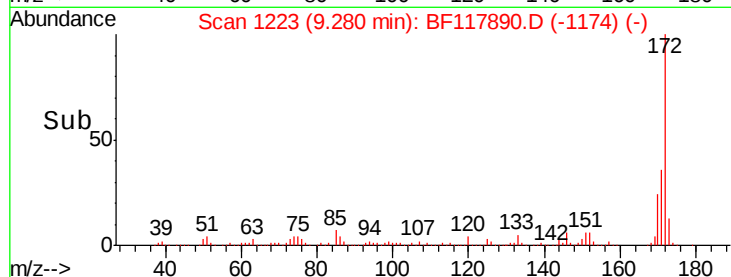
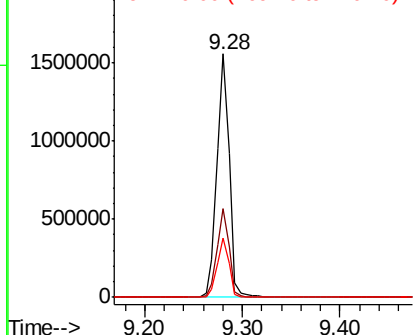
#45
2-Fluorobiphenyl
Concen: 78.098 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1368942
Ion Ratio Lower Upper
172 100
171 36.4 30.9 46.3
170 24.3 21.0 31.4

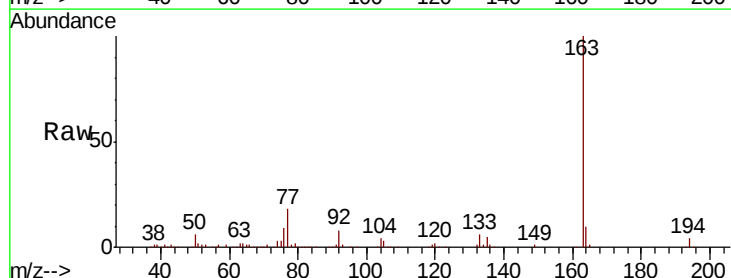


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

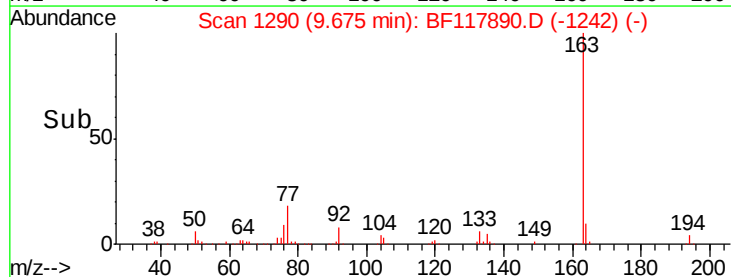
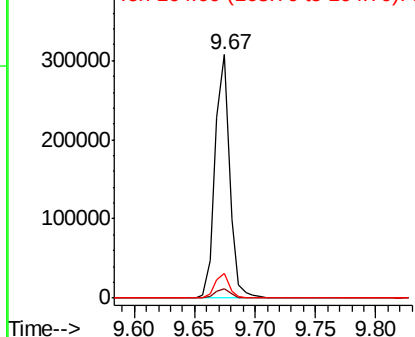


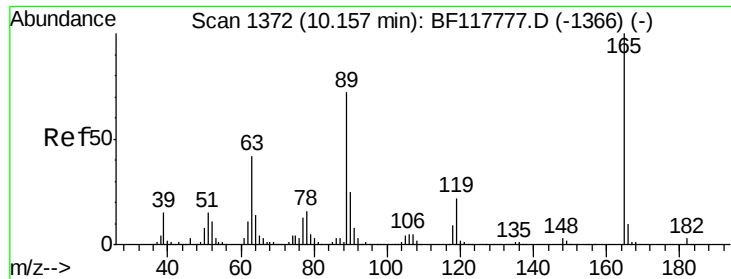
#50
Dimethylphthalate
Concen: 11.546 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117890.D
Acq: 20 Nov 2019 13:58

Tgt Ion:163 Resp: 254607
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 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

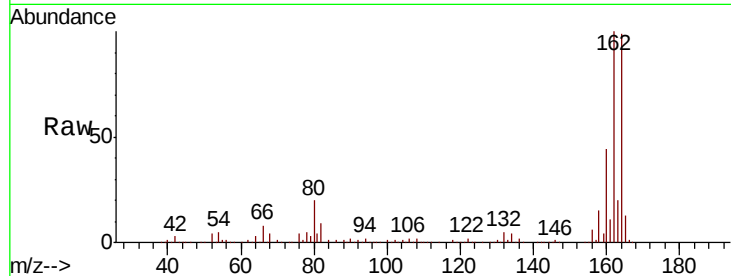




#57
 2,4-Dinitrotoluene
 Concen: 6.579 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :

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

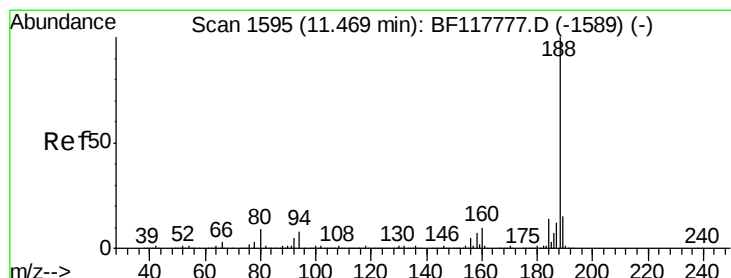
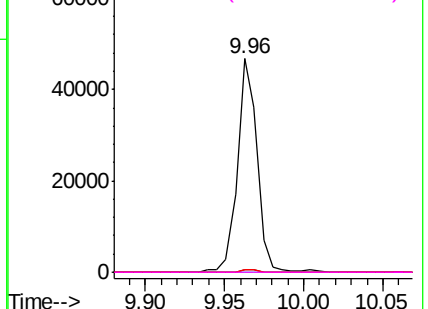
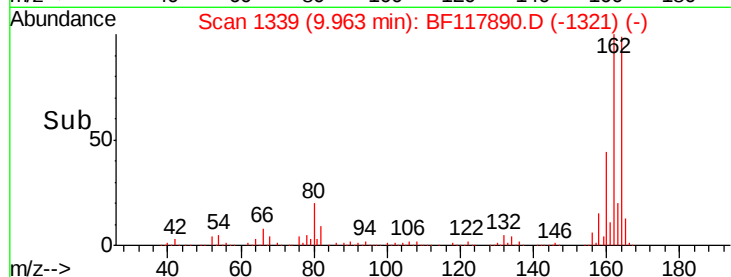


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

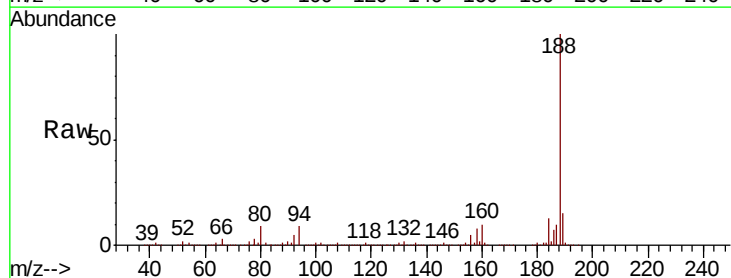
Ion 89.00 (88.70 to 89.70): BF1

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: BF117890.D
 Acq: 20 Nov 2019 13:58

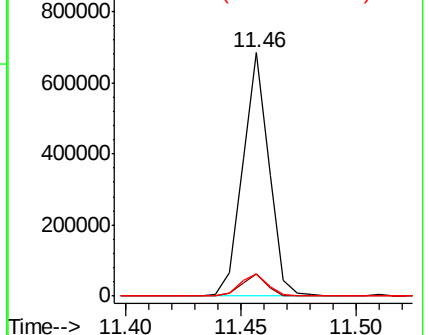
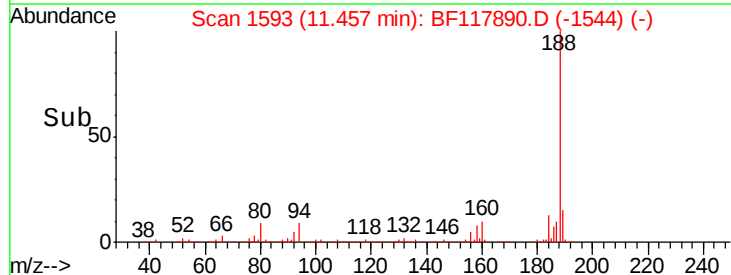
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.1	7.2	10.8

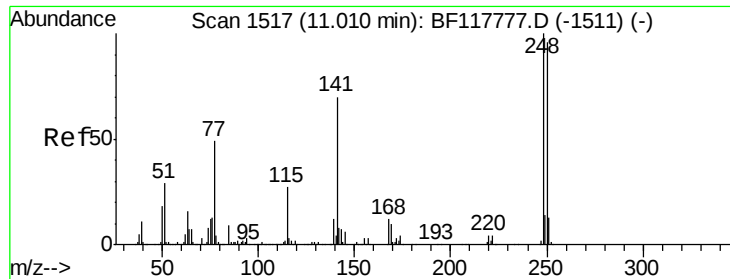


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

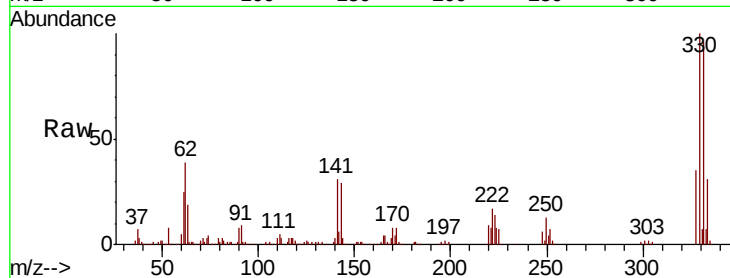




#67
 4-Bromophenyl-phenylether
 Concen: 3.281 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.8	76.6	115.0#
141	479.9	55.9	83.9#

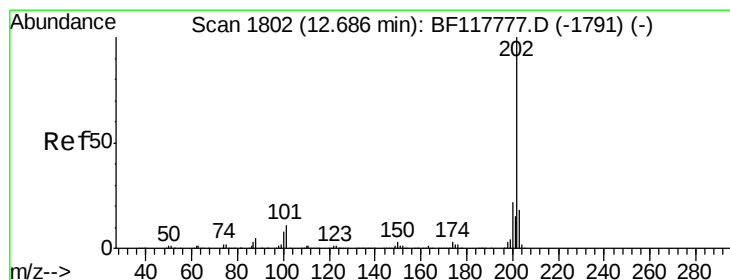
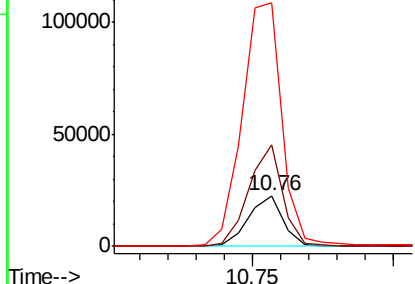
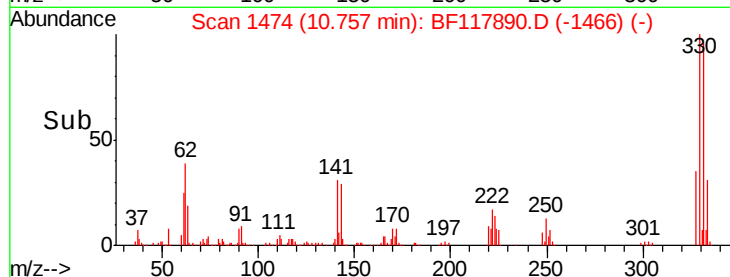


Abundance

Ion 248.00 (247.70 to 248.70): E

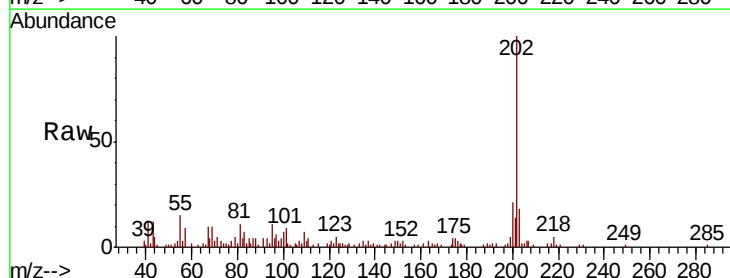
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	31.1
203	18.3	0.0	38.2

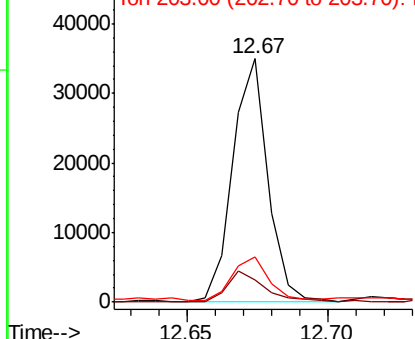
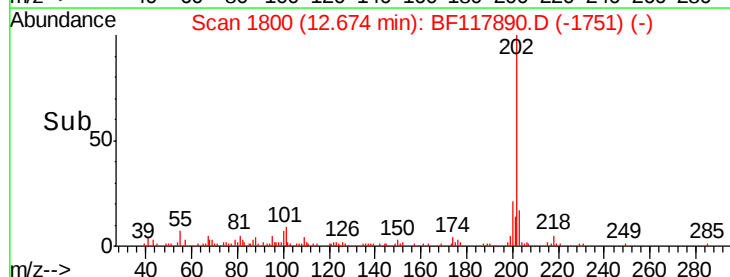


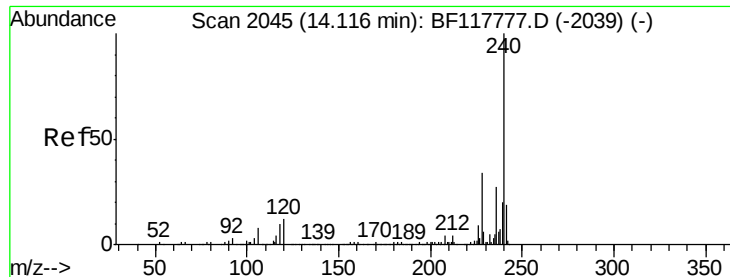
Abundance

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

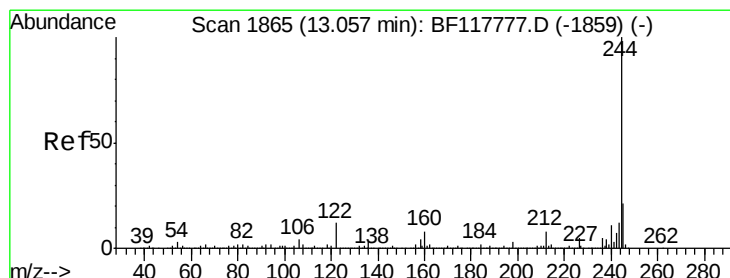
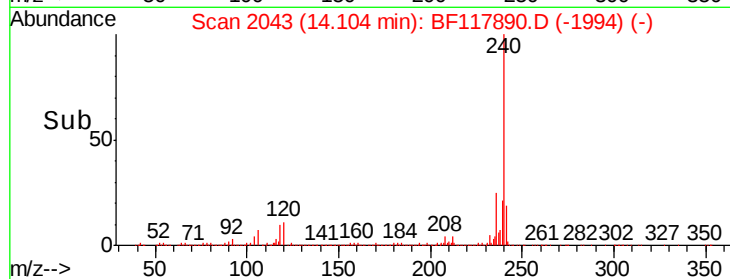
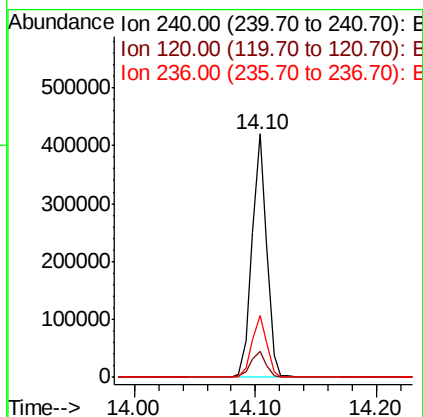
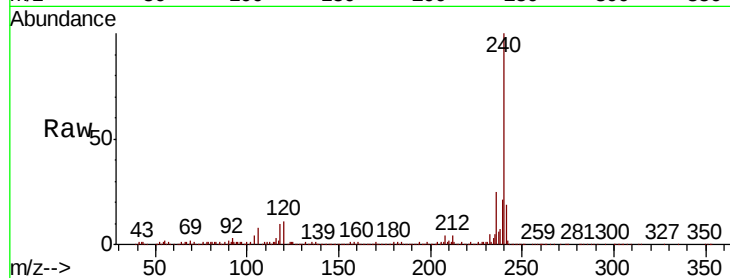




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

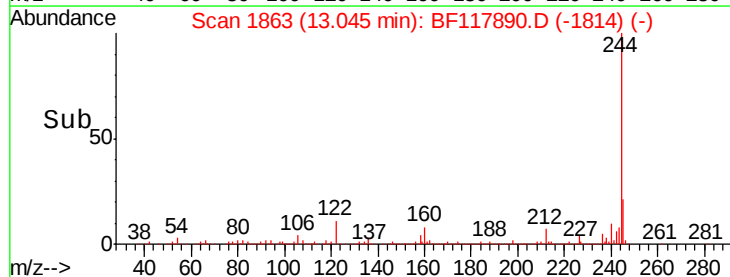
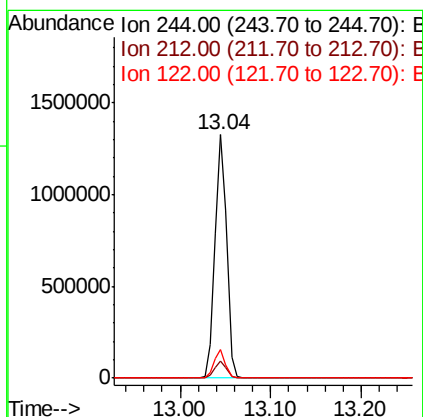
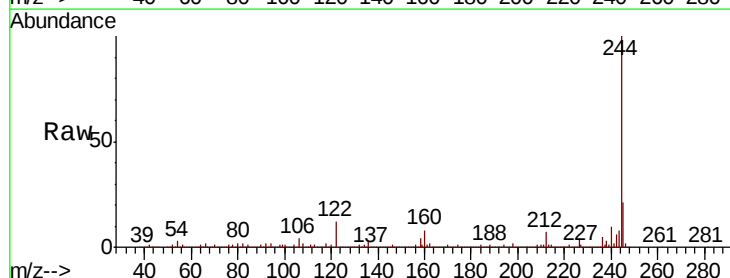
Instrument :
 BNA_F
 ClientSampleId :

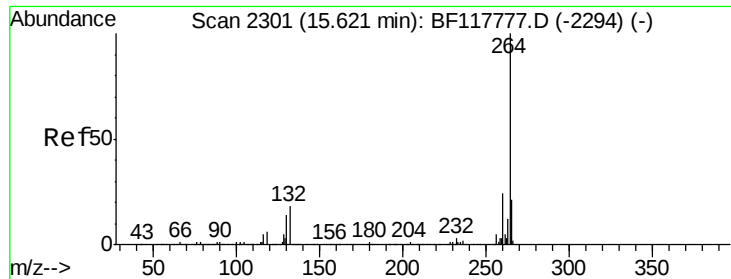
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.5	21.3	31.9



#79
 Terphenyl-d14
 Concen: 60.236 ng
 RT: 13.04 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.5	9.4	14.2

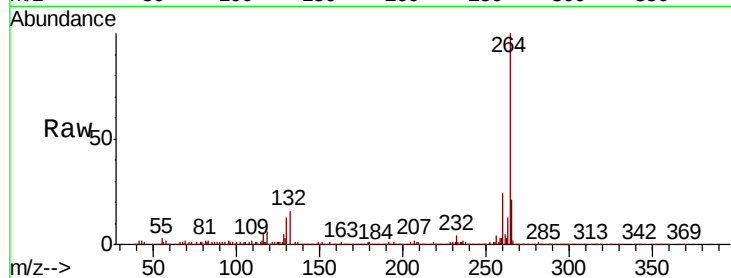




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117890.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.3	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

