

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117823.D
 Acq On : 16 Nov 2019 00:30
 Operator : JU
 Sample : K5861-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:43:56 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

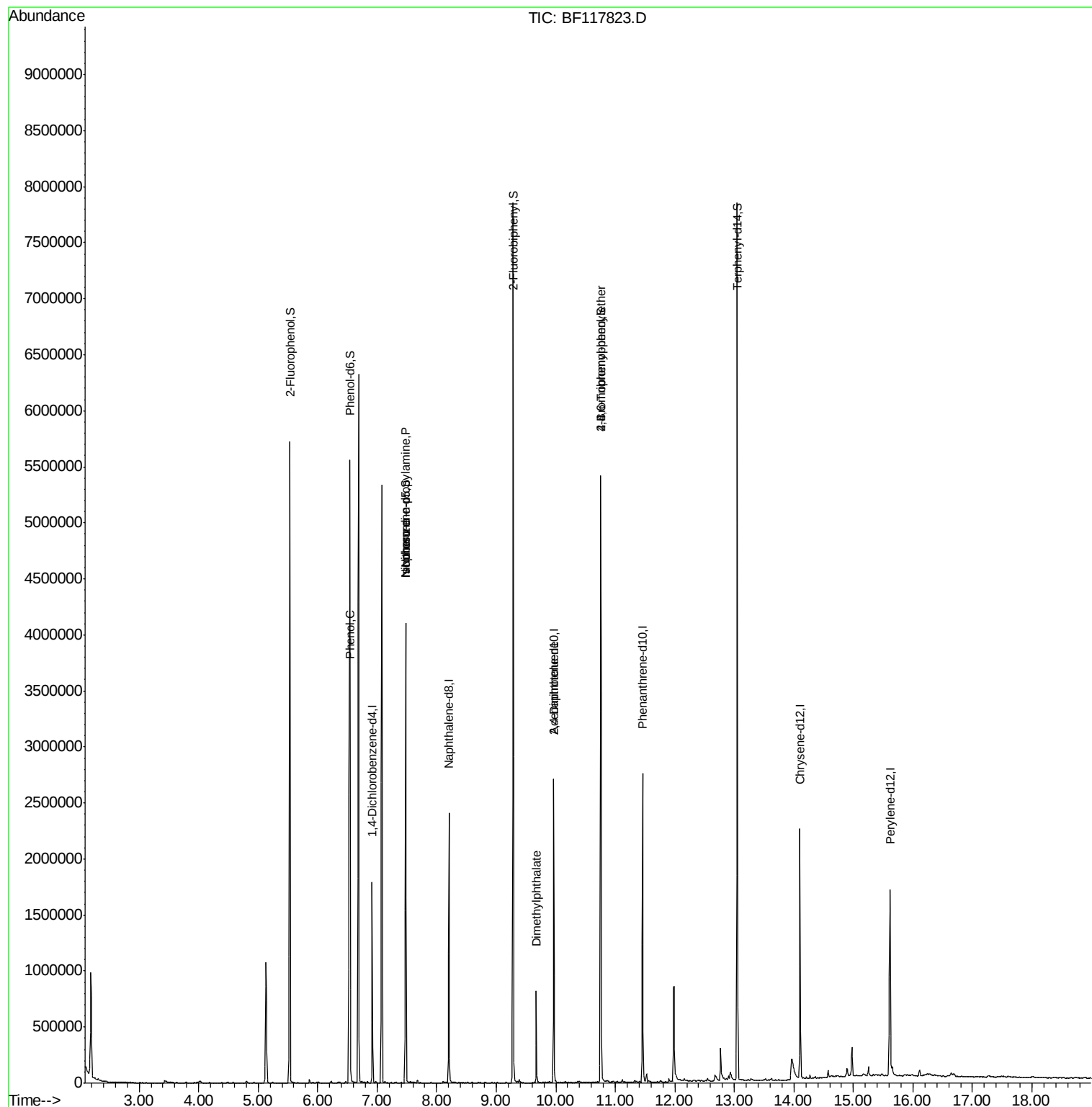
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	253796	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	986155	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	532104	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1005063	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	700463	20.00	ng	-0.01
87) Perylene-d12	15.62	264	780210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1684153	117.46	ng	0.00
7) Phenol-d6	6.54	99	2109257	121.97	ng	0.00
23) Nitrobenzene-d5	7.48	82	1286750	77.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	667968	118.57	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2393018	80.68	ng	0.00
79) Terphenyl-d14	13.05	244	2808382	73.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	4784	Below Cal		Qvalue
10) Phenol	6.55	94	158449	8.817	ng	# 1
19) n-Nitroso-di-n-propylamine	7.48	70	174505	16.356	ng	# 95
25) Isophorone	7.48	82	1284042	42.231	ng	# 75
50) Dimethylphthalate	9.67	163	286054	7.666	ng	# 62
57) 2,4-Dinitrotoluene	9.97	165	67656	6.522	ng	# 98
67) 4-Bromophenyl-phenylether	10.76	248	41966	3.870	ng	# 24
75) Fluoranthene	12.67	202	13971	Below Cal		# 1
						97

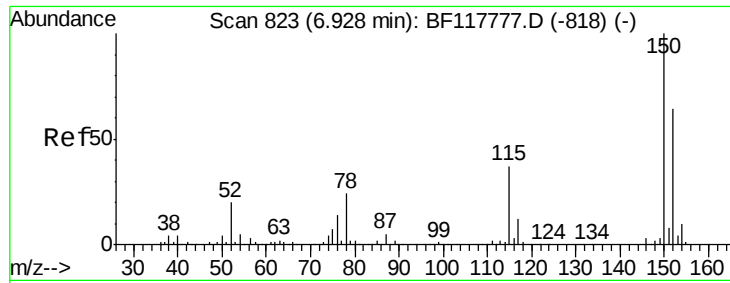
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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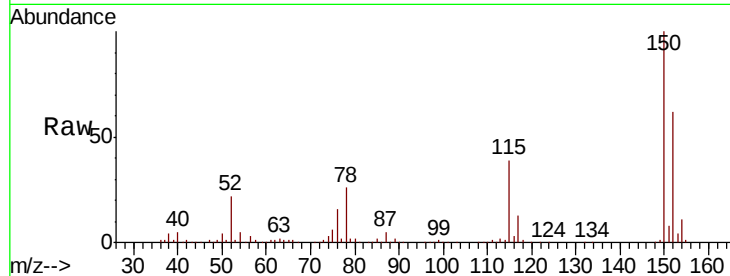




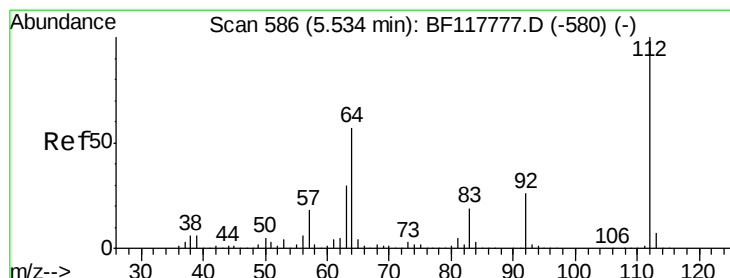
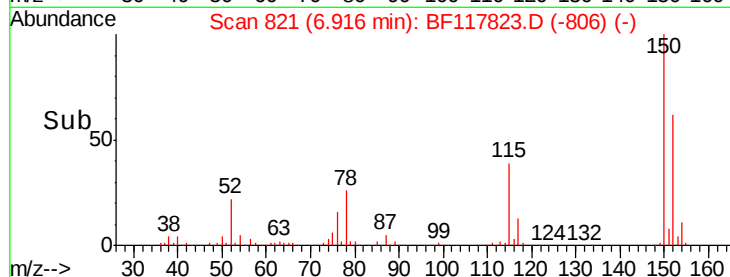
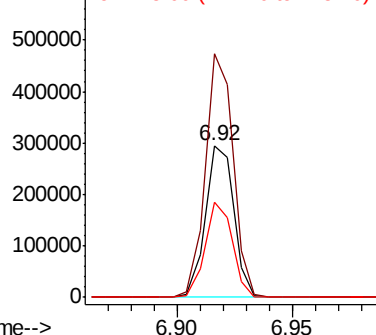
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117823.D
 Acq: 16 Nov 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 253796
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.3 187.9
 115 63.0 47.0 70.4

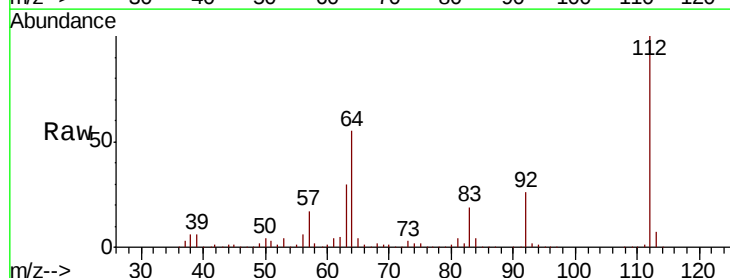


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

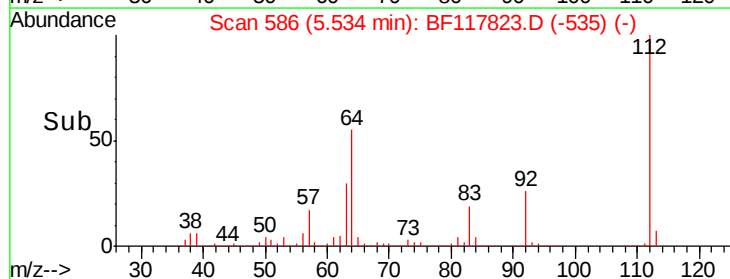
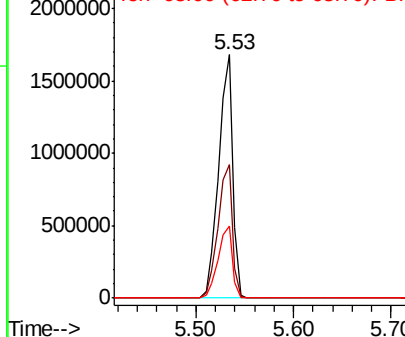


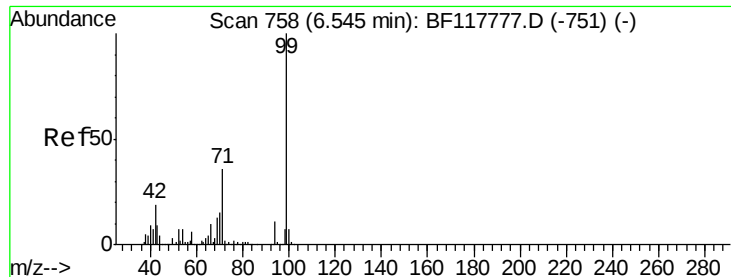
#5
 2-Fluorophenol
 Concen: 117.462 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF117823.D
 Acq: 16 Nov 2019 00:30

Tgt Ion:112 Resp: 1684153
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.6 68.4
 63 29.6 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: 121.966 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

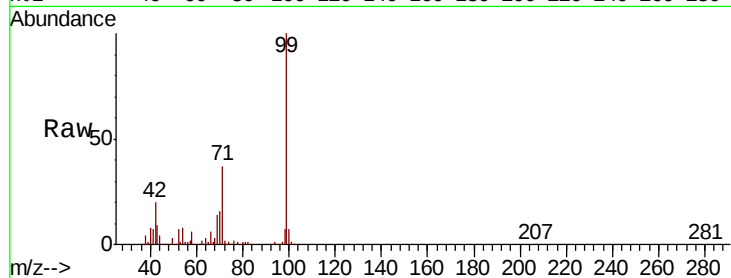
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2109257

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	36.8	28.6	43.0

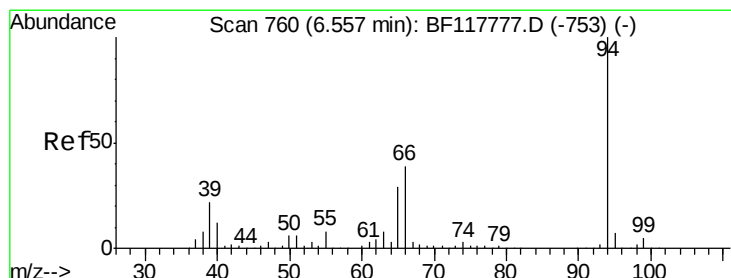
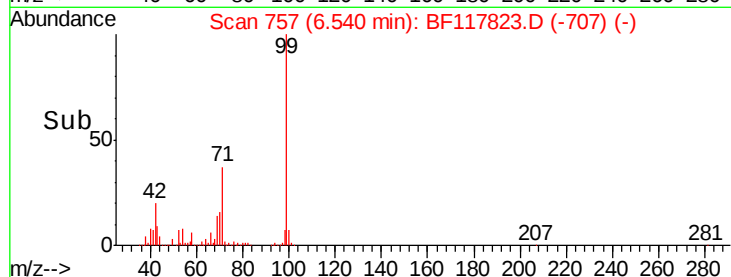
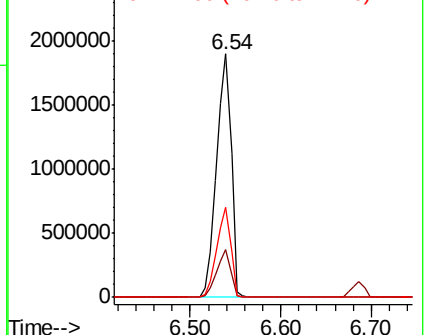


Abundance

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



#10

Phenol

Concen: 8.817 ng

RT: 6.55 min Scan# 759

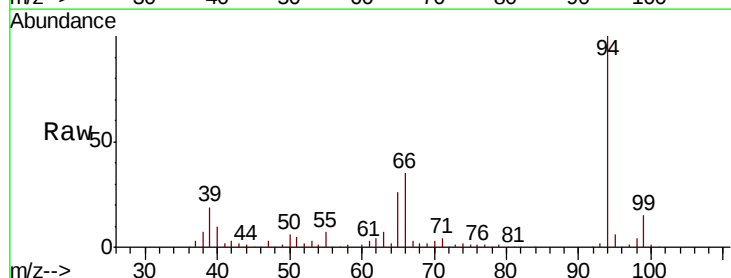
Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

Tgt Ion: 94 Resp: 158449

Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.9	48.9
66	35.0	18.7	58.7

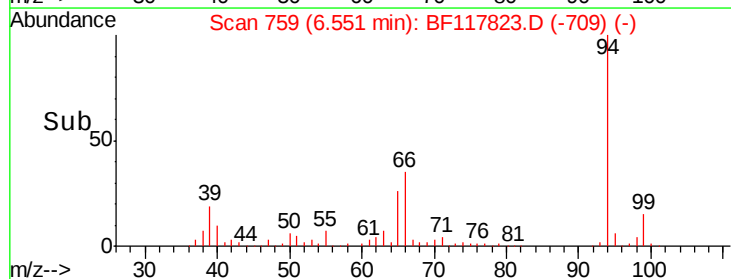
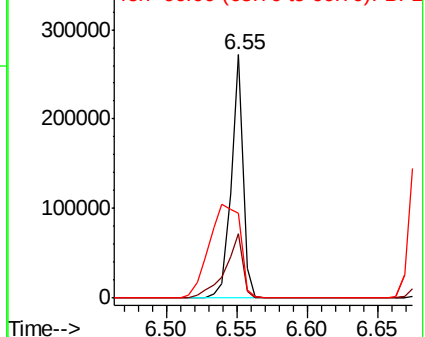


Abundance

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

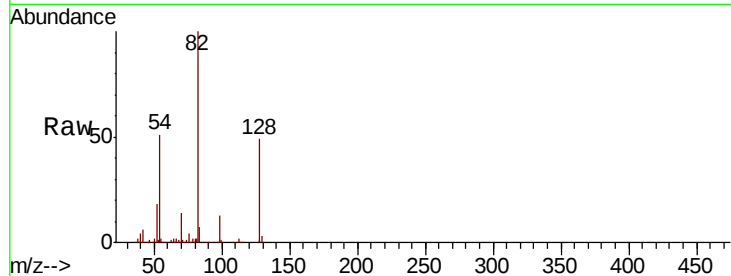




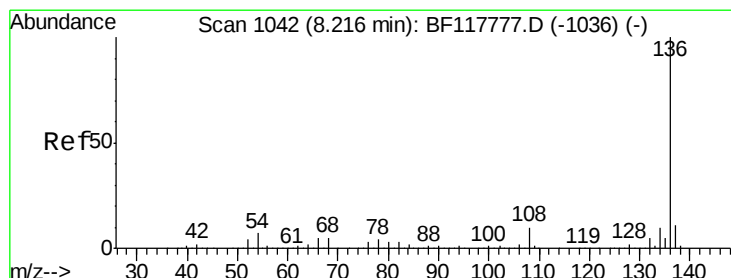
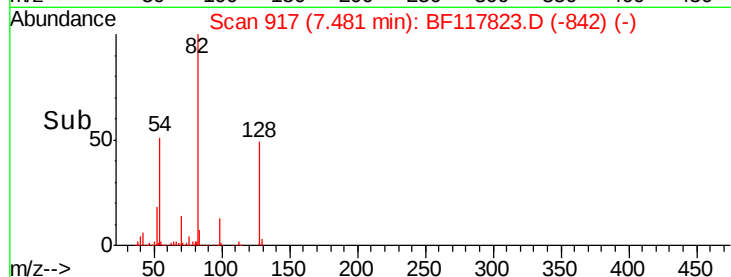
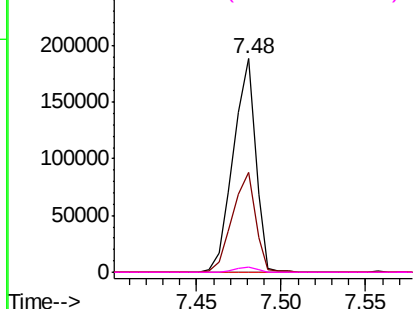
#19
n-Nitroso-di-n-propylamine
Concen: 16.356 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 174505
Ion Ratio Lower Upper
70 100
42 46.9 47.4 71.2#
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#

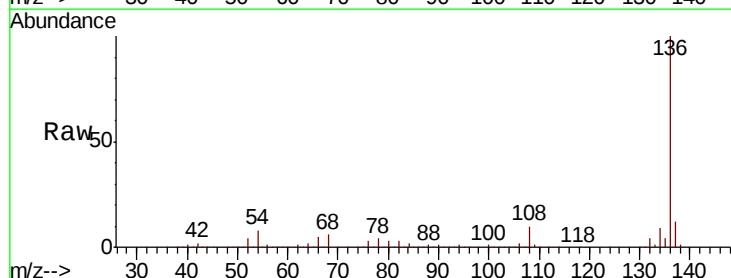


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

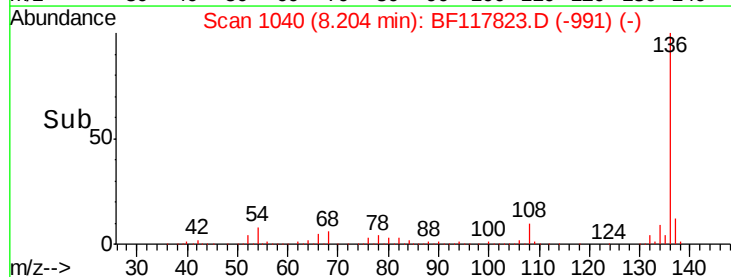
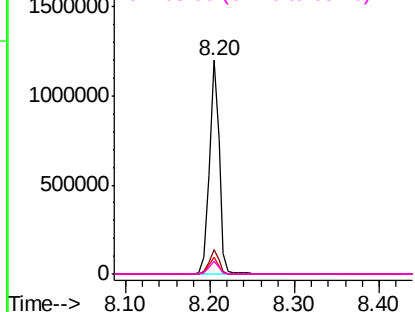


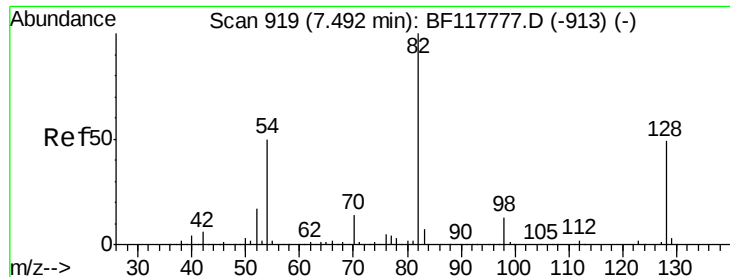
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Tgt Ion: 136 Resp: 986155
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.7 5.4 8.2
68 6.0 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

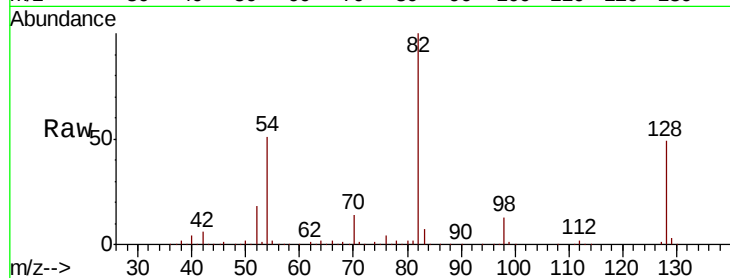




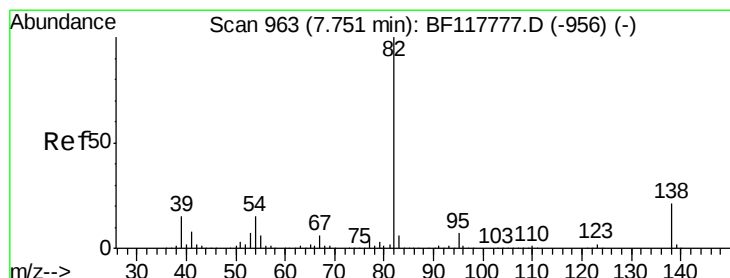
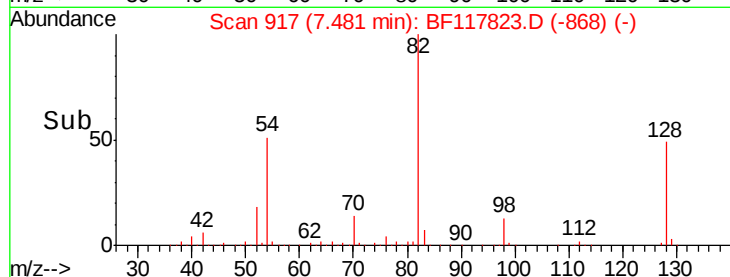
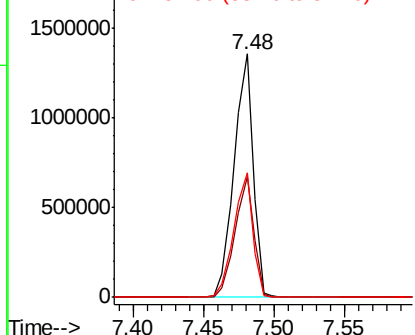
#23
Nitrobenzene-d5
Concen: 77.566 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1286750
Ion Ratio Lower Upper
82 100
128 49.4 38.9 58.3
54 51.1 39.8 59.6

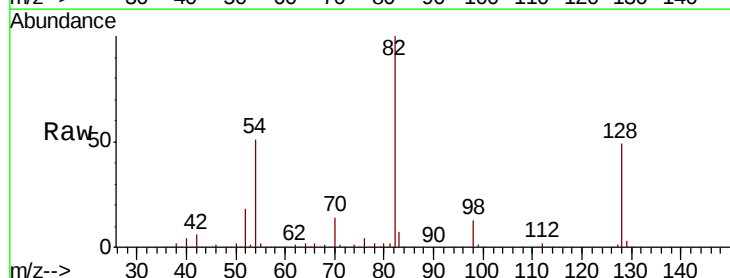


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

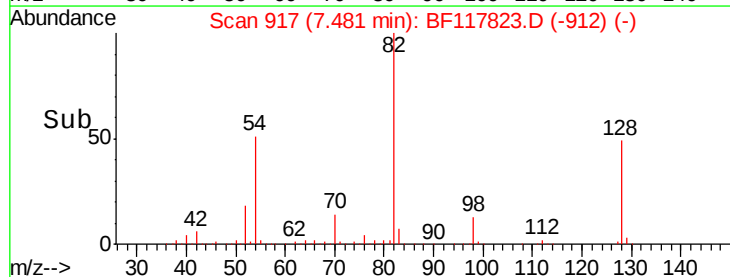
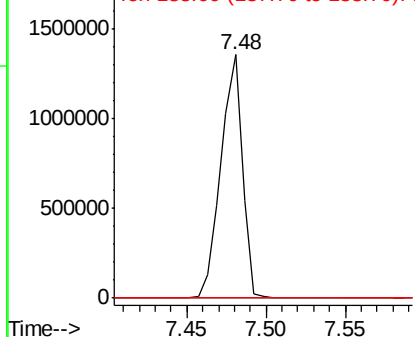


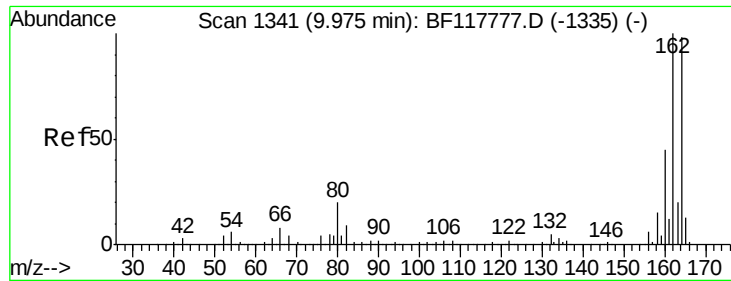
#25
Isophorone
Concen: 42.231 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Tgt Ion: 82 Resp: 1284042
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

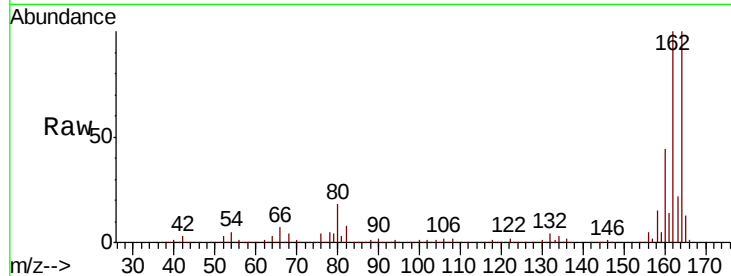




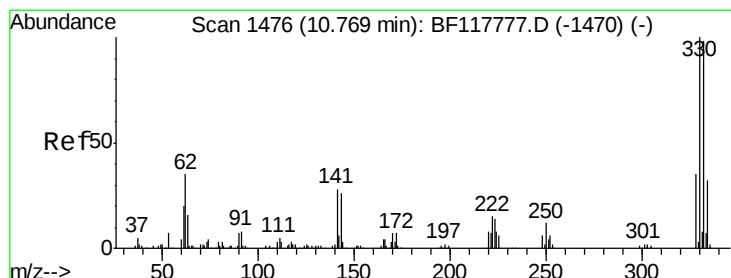
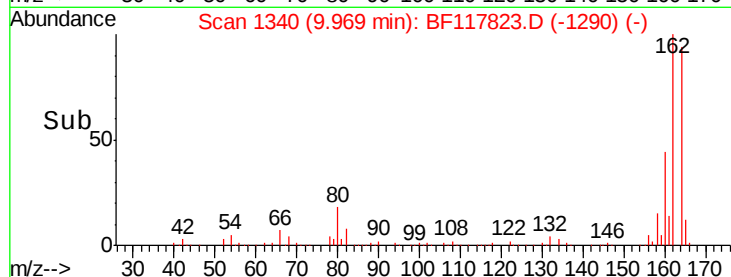
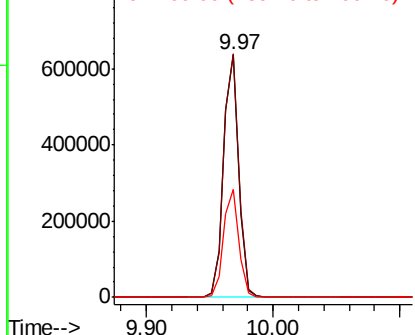
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 532104
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.3 36.6 55.0

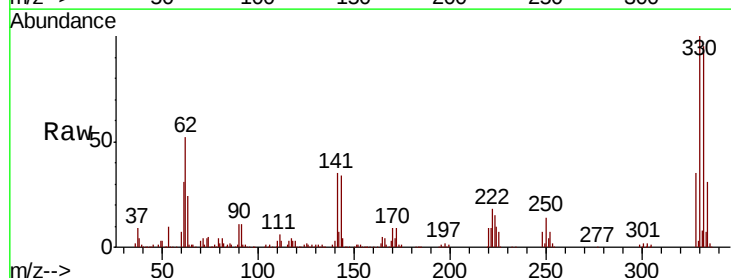


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

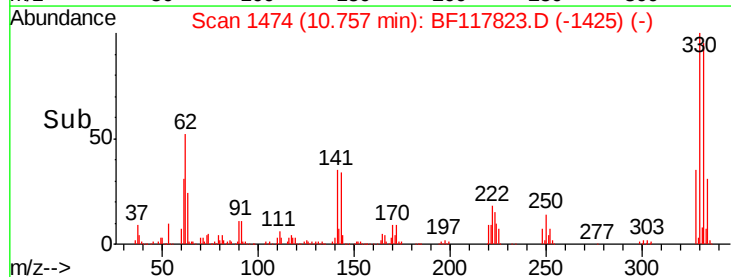
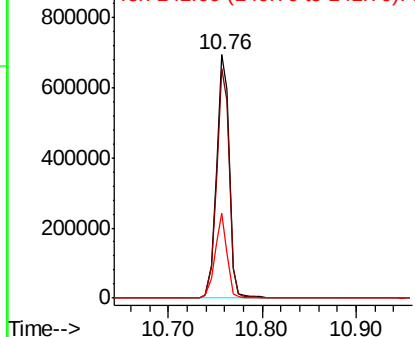


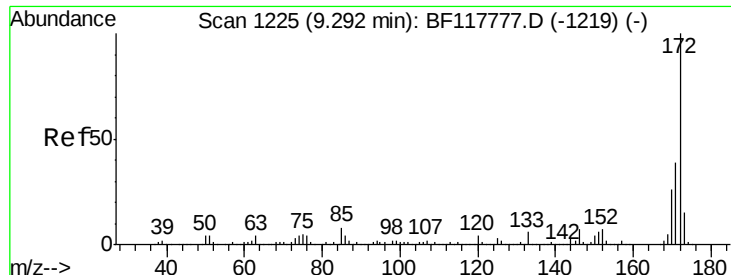
#42
2,4,6-Tribromophenol
Concen: 118.574 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Tgt Ion:330 Resp: 667968
Ion Ratio Lower Upper
330 100
332 94.6 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

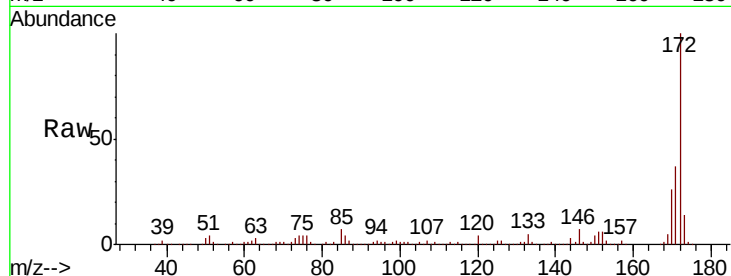




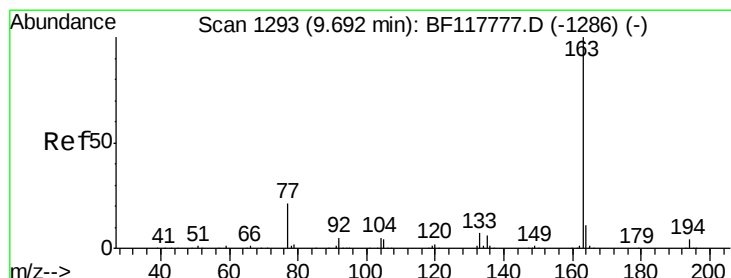
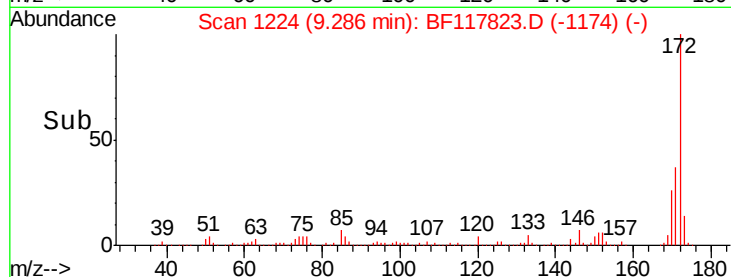
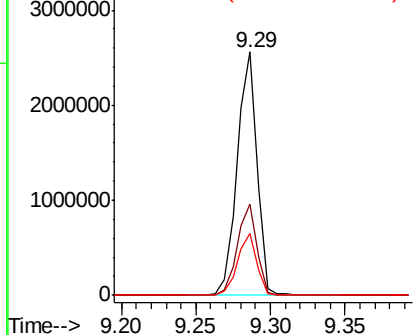
#45
2-Fluorobiphenyl
Concen: 80.683 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2393018
Ion Ratio Lower Upper
172 100
171 37.5 30.9 46.3
170 25.7 21.0 31.4

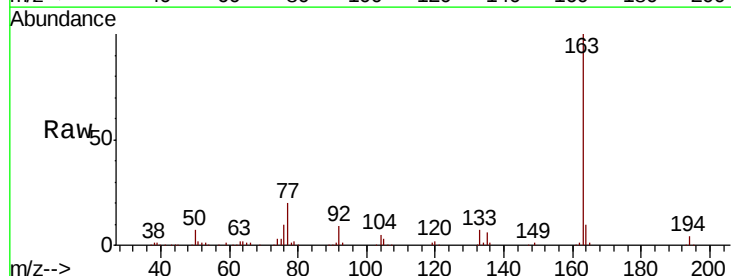


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

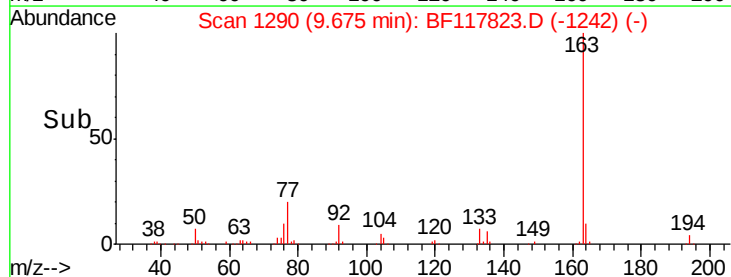
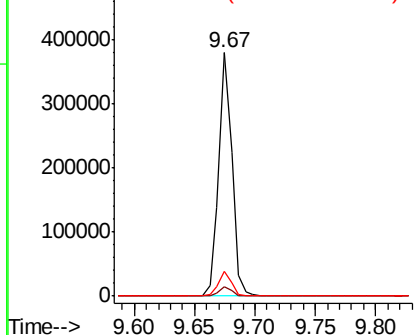


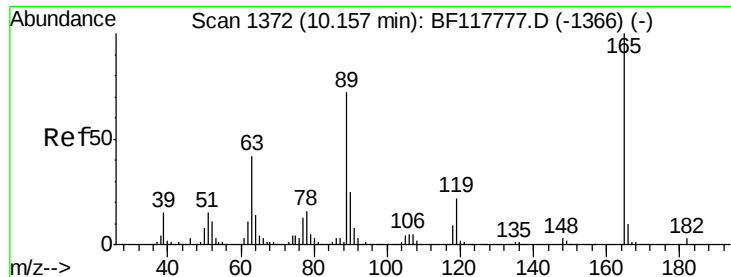
#50
Dimethylphthalate
Concen: 7.666 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Tgt Ion:163 Resp: 286054
Ion Ratio Lower Upper
163 100
194 3.9 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

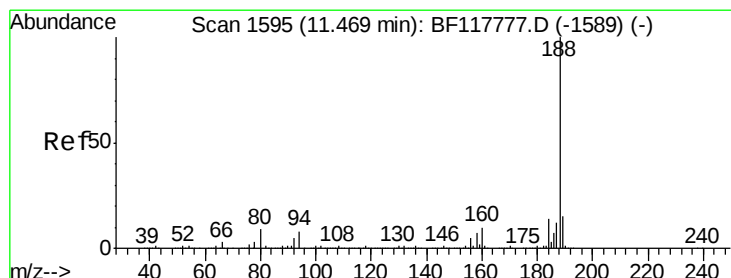
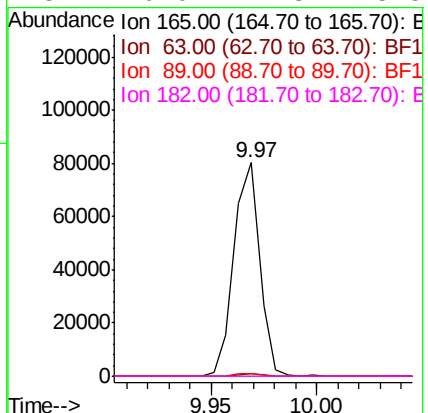
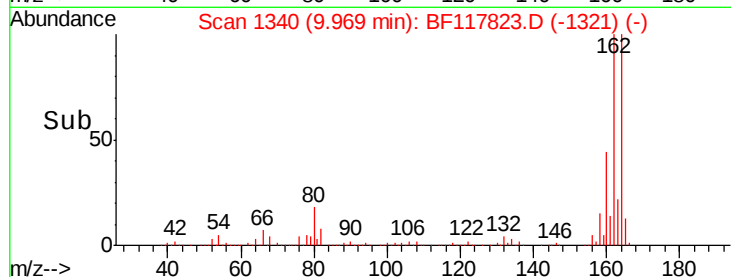
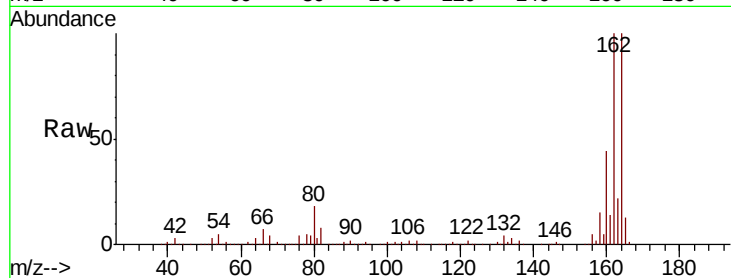




#57
 2,4-Dinitrotoluene
 Concen: 6.522 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117823.D
 Acq: 16 Nov 2019 00:30

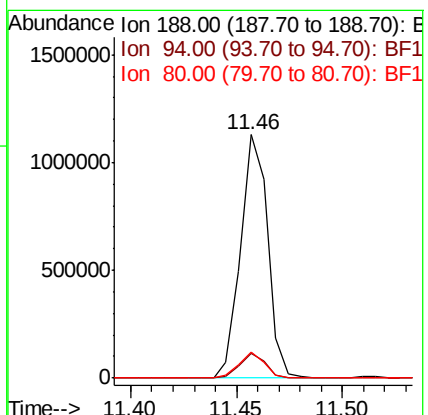
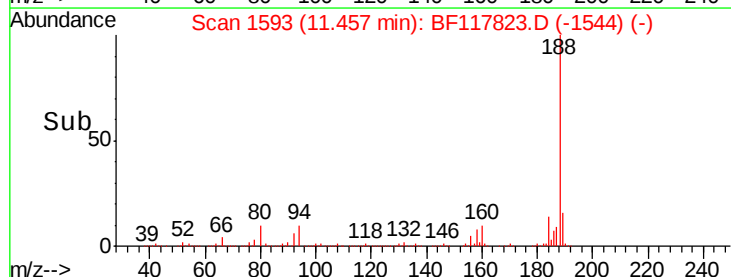
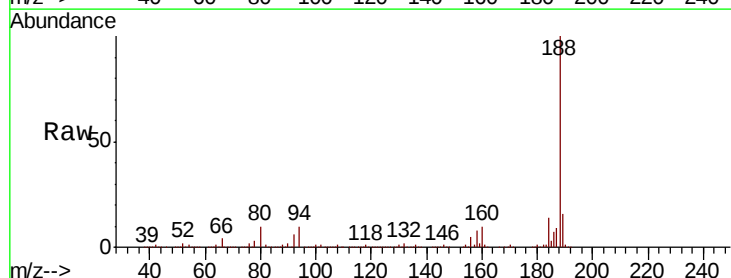
Instrument :
 BNA_F
 ClientSampleId :

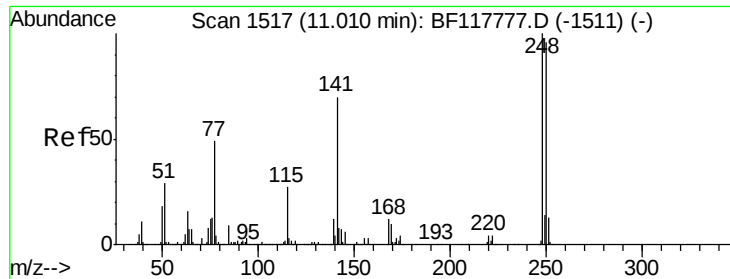
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.1	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117823.D
 Acq: 16 Nov 2019 00:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	10.0
80	10.4	7.2	10.8

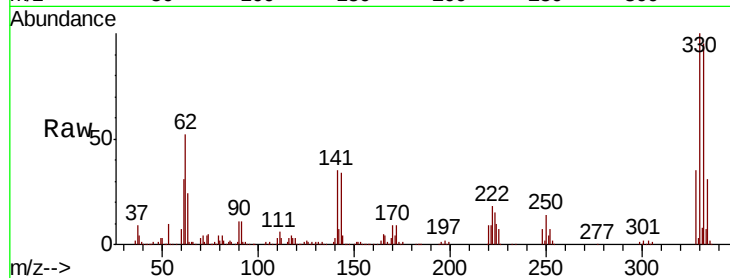




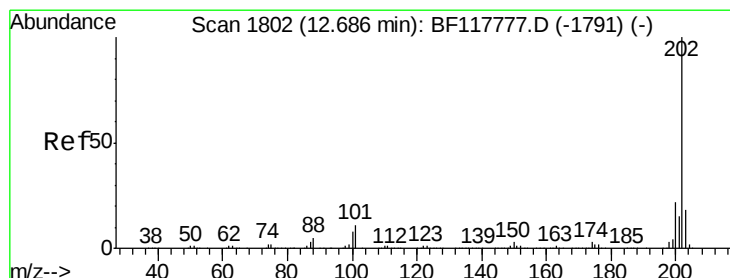
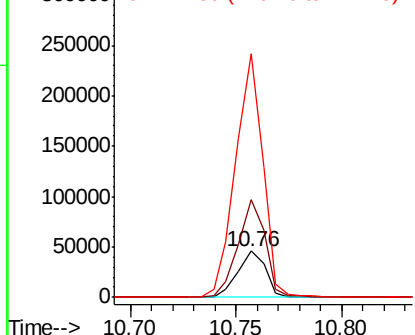
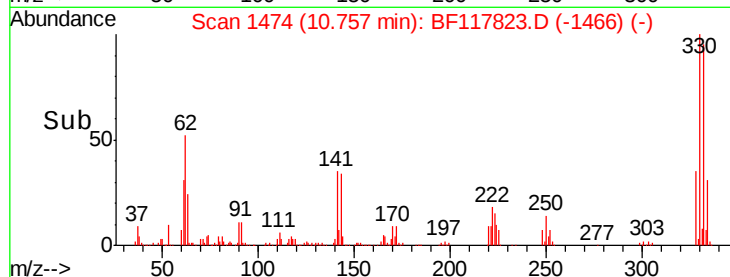
#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 41966
Ion Ratio Lower Upper
248 100
250 211.2 76.6 115.0#
141 527.6 55.9 83.9#

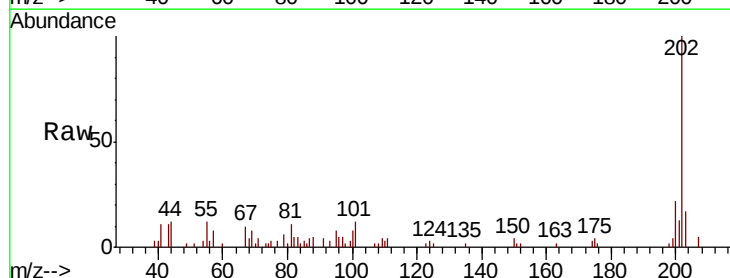


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

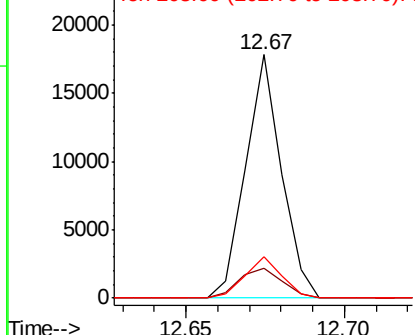
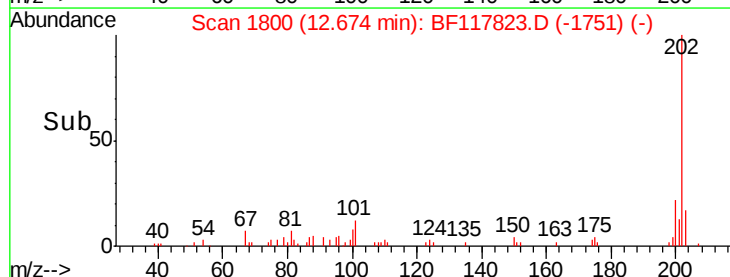


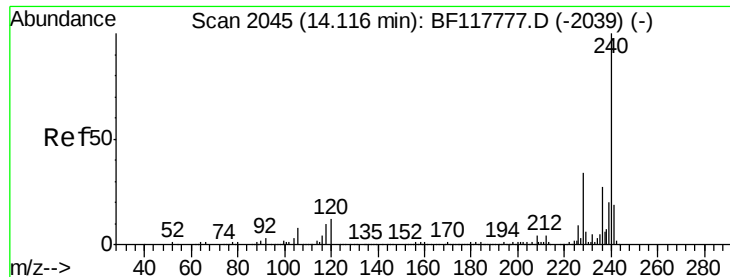
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Tgt Ion:202 Resp: 13971
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.1
203 16.9 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: BF117823.D

Acq: 16 Nov 2019 00:30

Instrument :

BNA_F

ClientSampled :

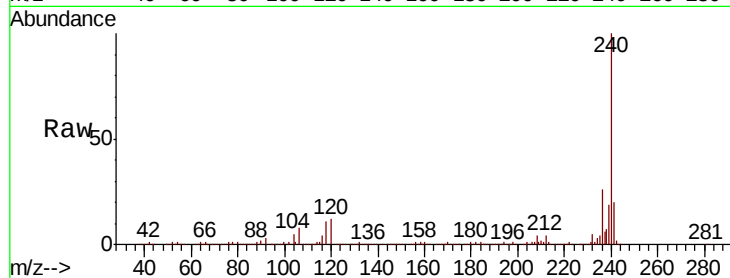
Tot Ion:240 Resp: 700463

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

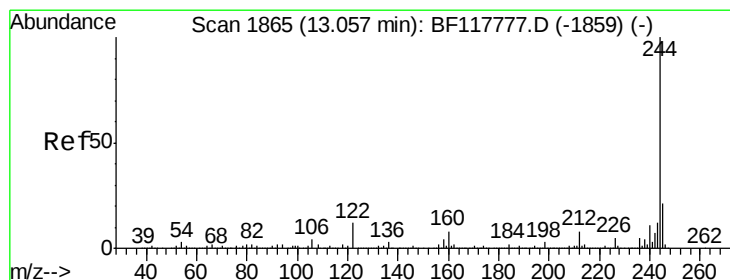
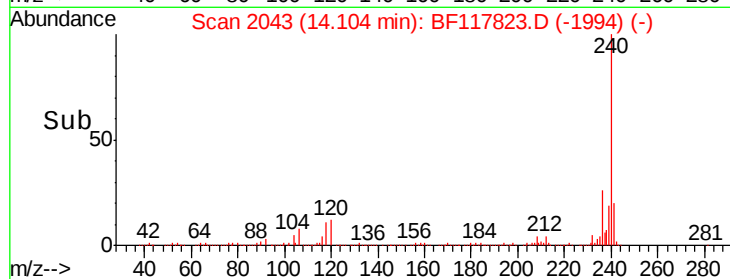
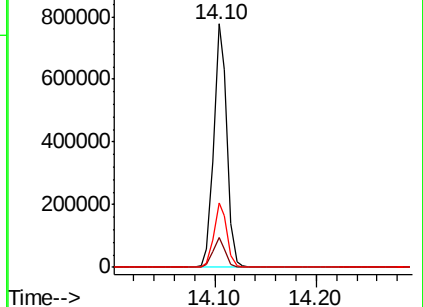
236 26.4 21.3 31.9



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: 73.275 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117823.D

Acq: 16 Nov 2019 00:30

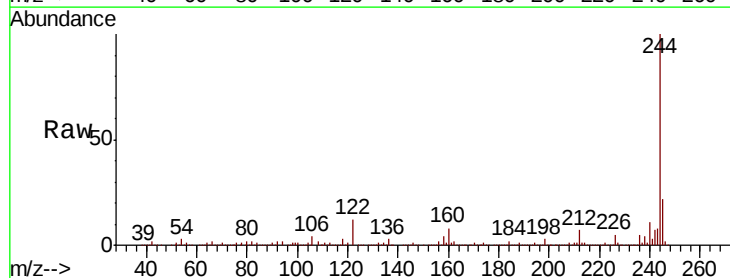
Tgt Ion:244 Resp: 2808382

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

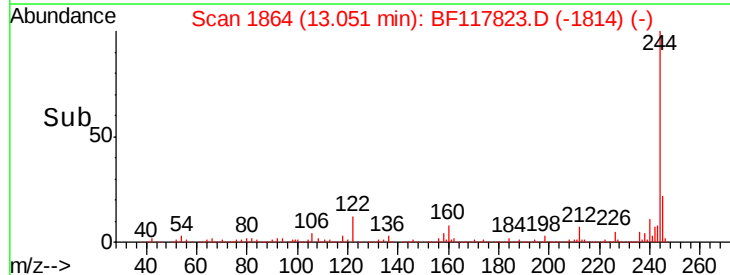
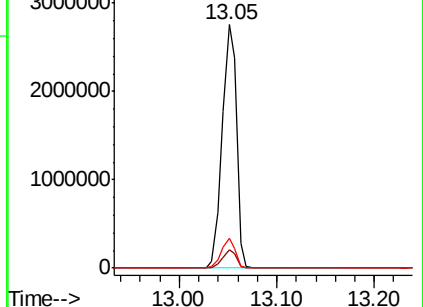
122 12.3 9.4 14.2

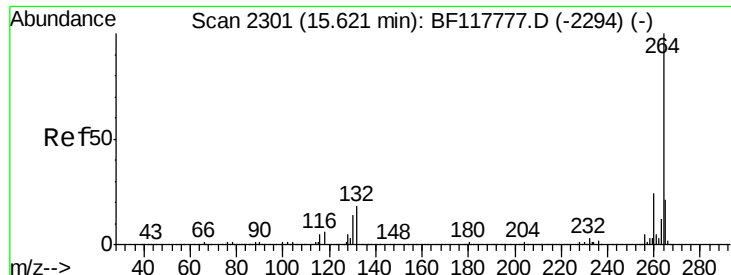


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

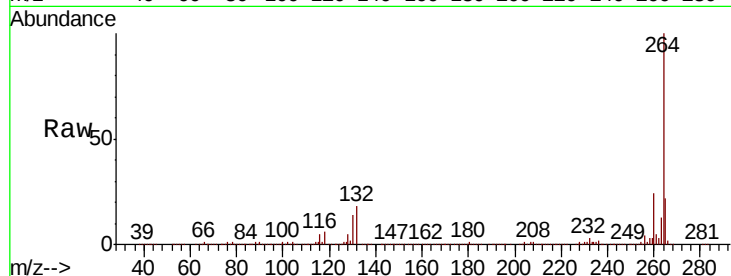




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117823.D
Acq: 16 Nov 2019 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	780210
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.8	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

