

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117814.D
 Acq On : 15 Nov 2019 20:24
 Operator : JU
 Sample : K5861-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:42:04 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

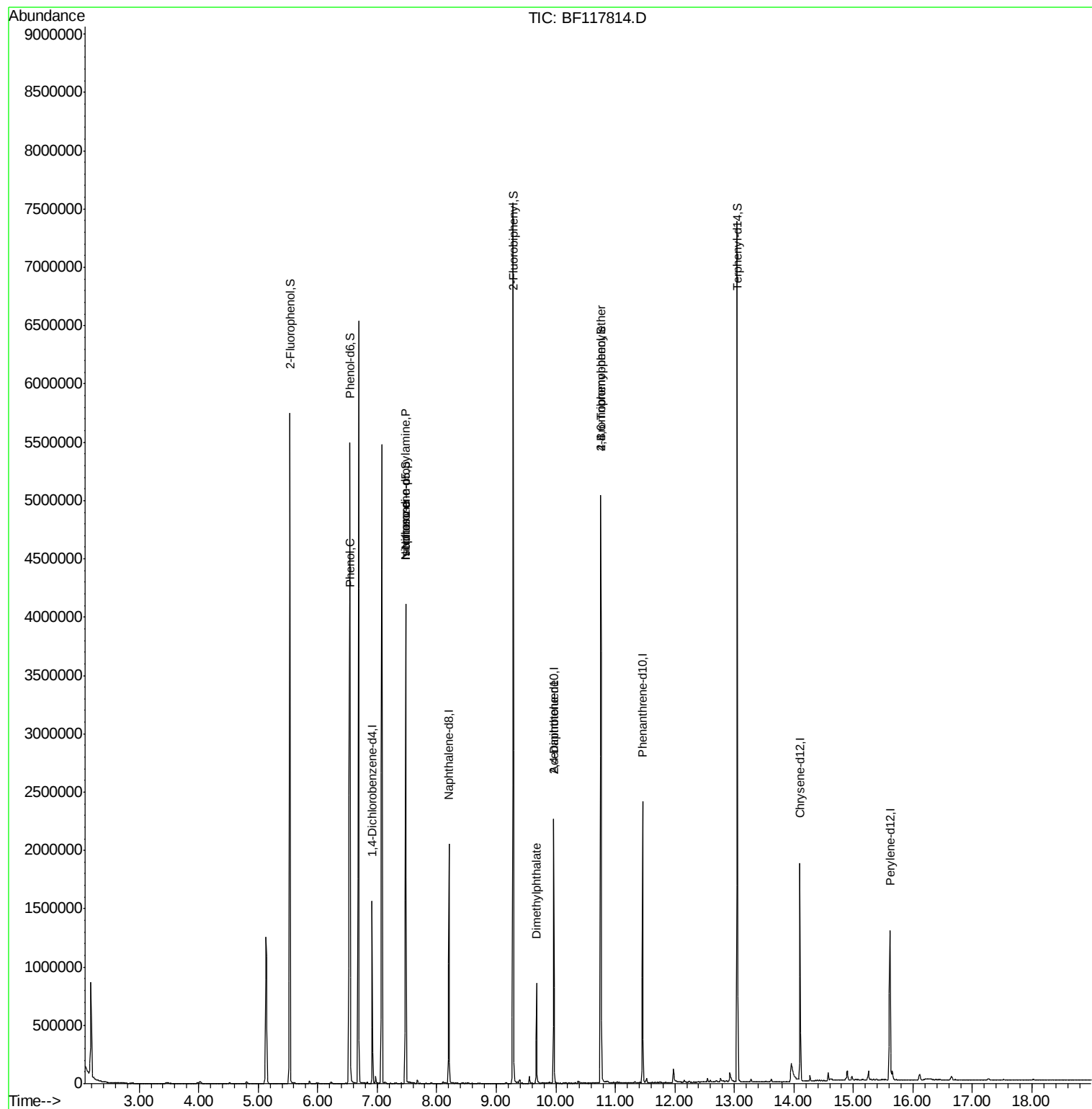
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	223754	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	858220	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	449369	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	849951	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	604491	20.00	ng	-0.01
87) Perylene-d12	15.62	264	617158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1689694	133.67	ng	0.00
7) Phenol-d6	6.54	99	2134763	140.01	ng	0.00
23) Nitrobenzene-d5	7.48	82	1309203	90.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	622092	130.76	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2301858	91.90	ng	0.00
79) Terphenyl-d14	13.05	244	2709829	81.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	4558	Below Cal		Qvalue
10) Phenol	6.55	94	153278	9.674 ng	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	178832	19.012 ng	#	96
25) Isophorone	7.48	82	1305905	49.352 ng	#	76
50) Dimethylphthalate	9.67	163	315192	10.002 ng	#	62
57) 2,4-Dinitrotoluene	9.97	165	57619	6.577 ng	#	98
67) 4-Bromophenyl-phenylether	10.76	248	39775	4.337 ng	#	24
75) Fluoranthene	12.67	202	729	Below Cal		# 1
						63

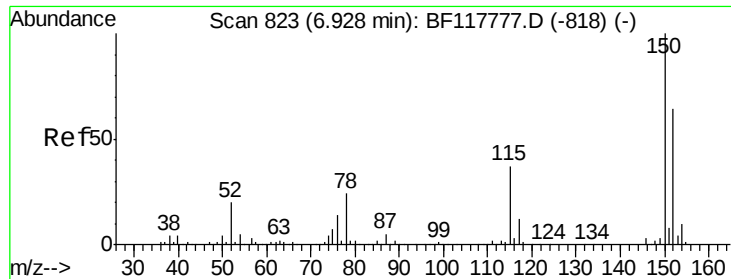
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117814.D
Acq On : 15 Nov 2019 20:24
Operator : JU
Sample : K5861-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 01:42:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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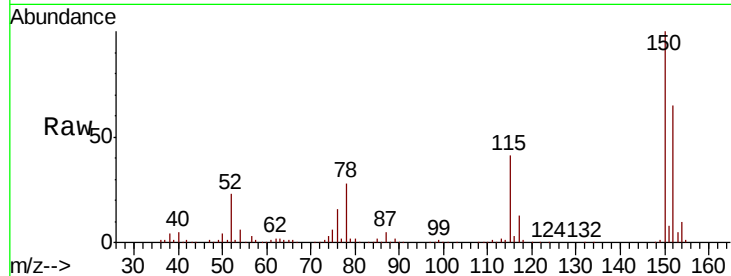


#1

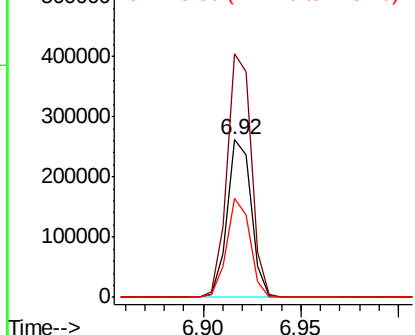
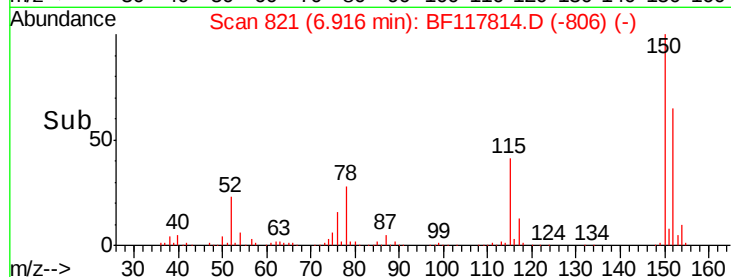
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 223754
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 62.6 47.0 70.4



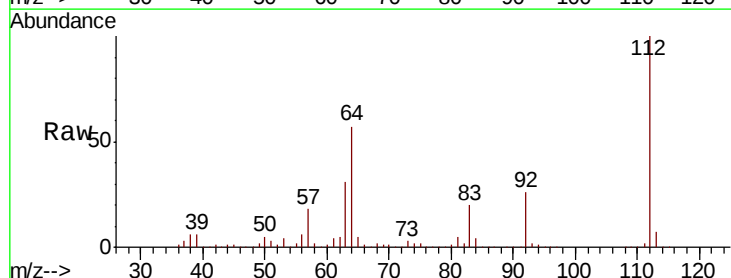
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



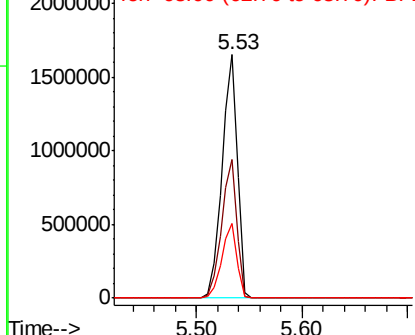
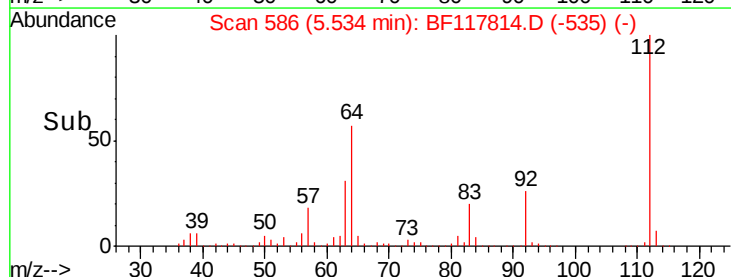
#5

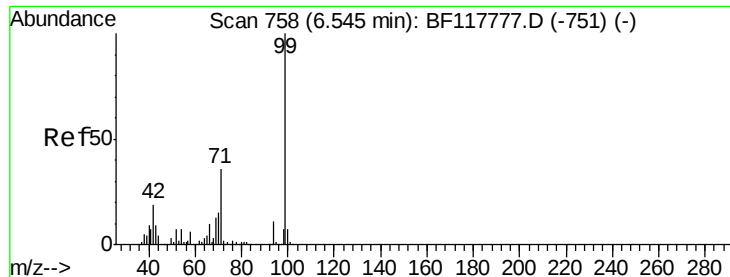
2-Fluorophenol
Concen: 133.671 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Tgt Ion:112 Resp: 1689694
Ion Ratio Lower Upper
112 100
64 56.9 45.6 68.4
63 30.6 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: 140.014 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

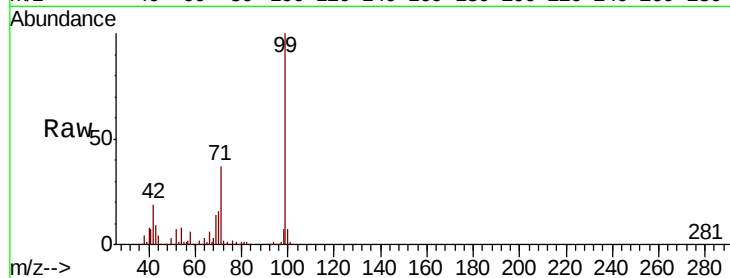
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2134763

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	37.4	28.6	43.0

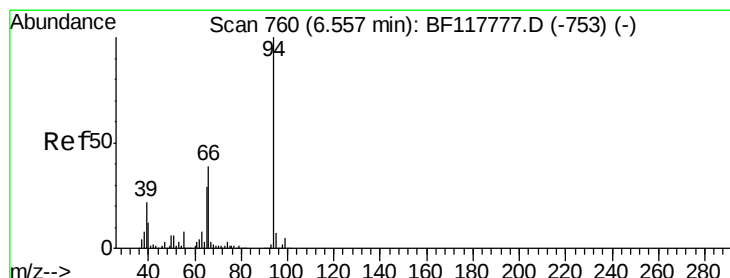
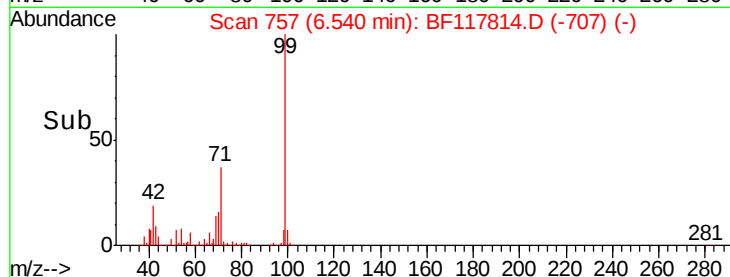
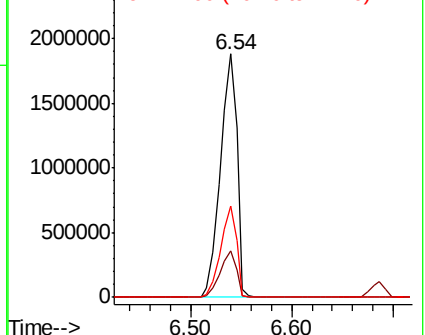


Abundance

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: 9.674 ng

RT: 6.55 min Scan# 759

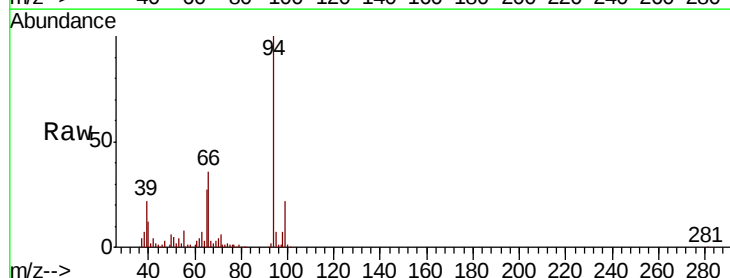
Delta R.T. -0.01 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

Tgt Ion: 94 Resp: 153278

Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.9	48.9
66	36.2	18.7	58.7

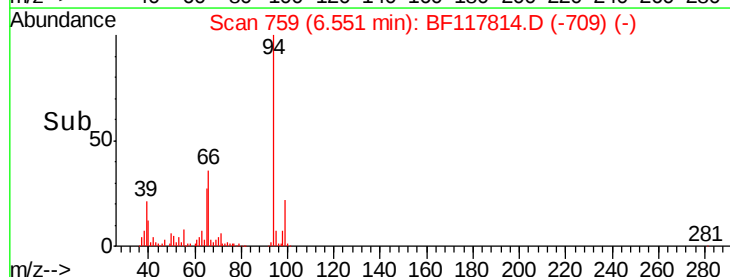
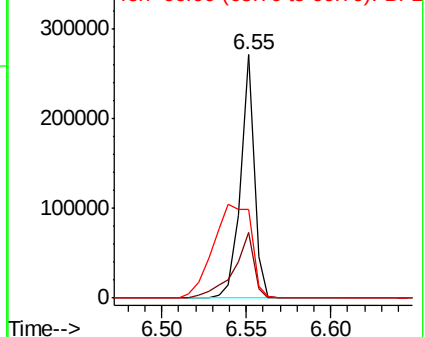


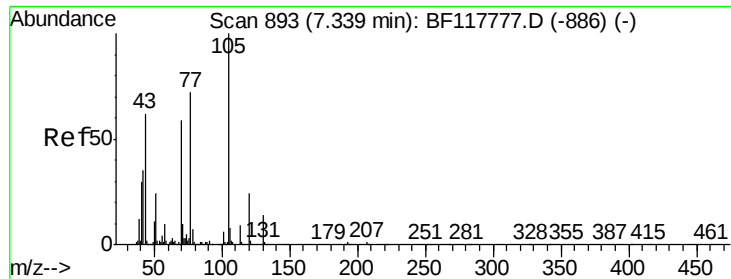
Abundance

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

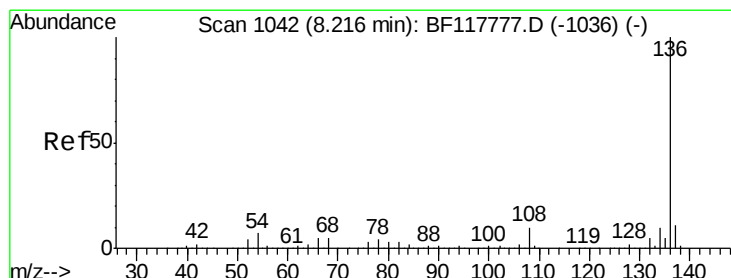
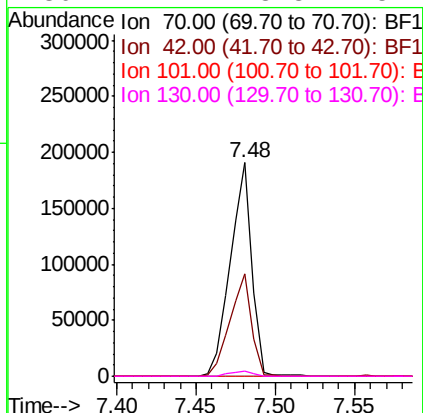
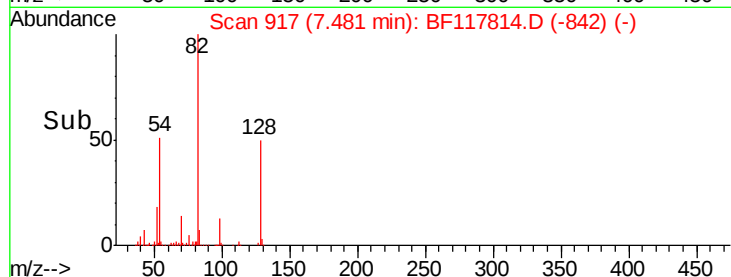
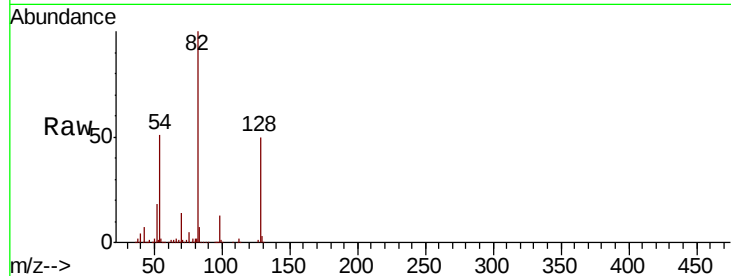




#19
n-Nitroso-di-n-propylamine
Concen: 19.012 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

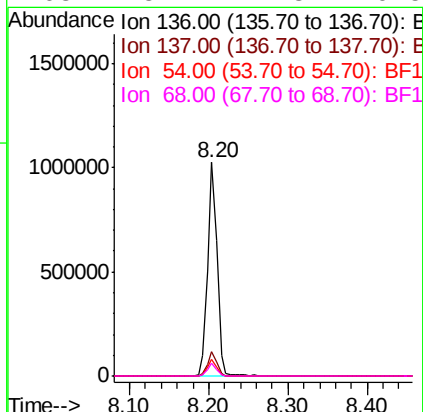
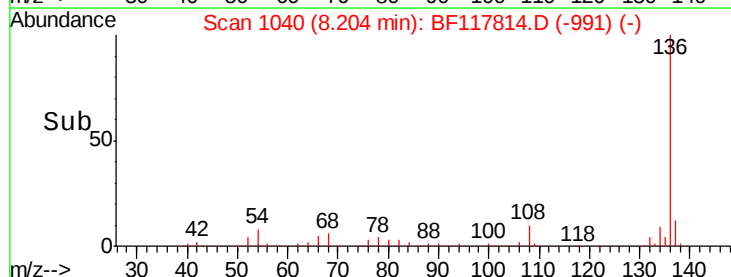
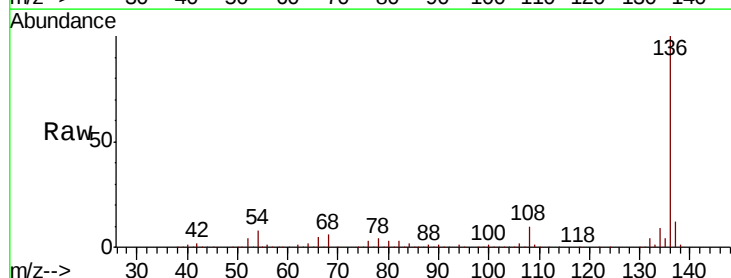
Instrument :
BNA_F
ClientSampleId :

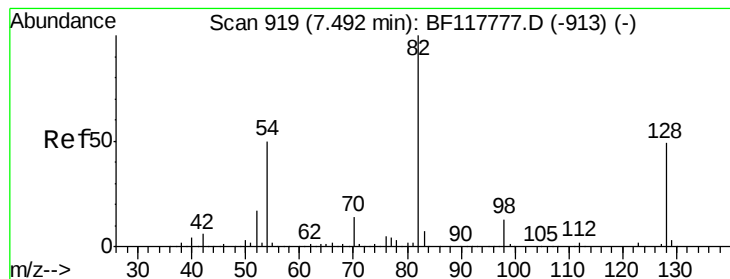
Tot Ion: 70 Resp: 178832
Ion Ratio Lower Upper
70 100
42 47.8 47.4 71.2
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Tgt Ion: 136 Resp: 858220
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.5 5.4 8.2
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 90.684 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

Instrument :

BNA_F

ClientSampled :

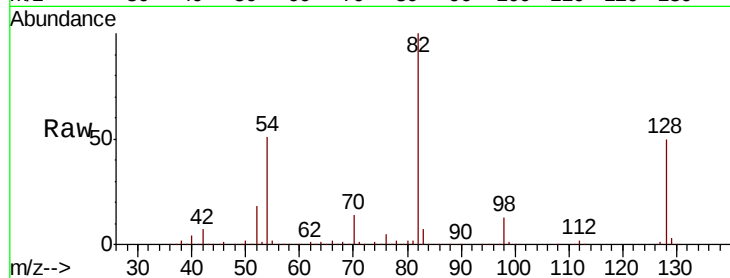
Tot Ion: 82 Resp: 1309203

Ion Ratio Lower Upper

82 100

128 49.5 38.9 58.3

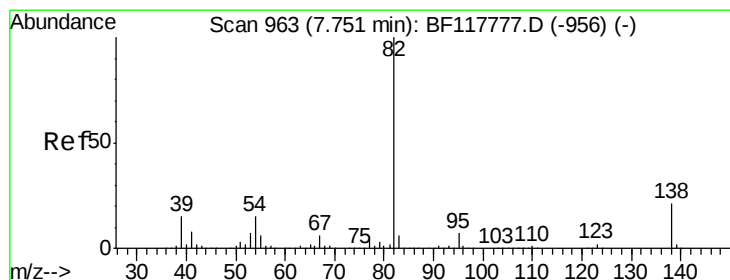
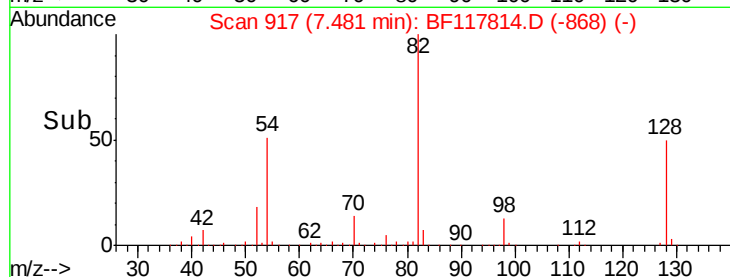
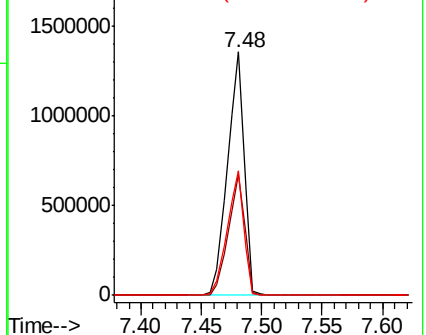
54 51.0 39.8 59.6



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: 49.352 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

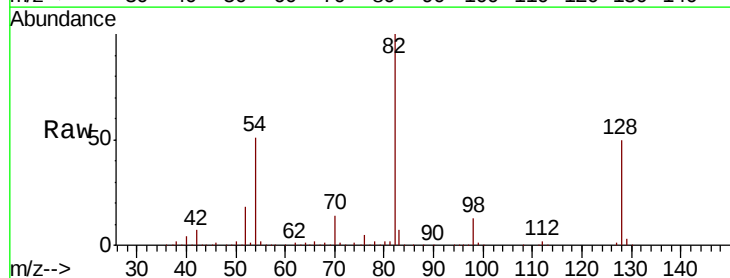
Tgt Ion: 82 Resp: 1305905

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

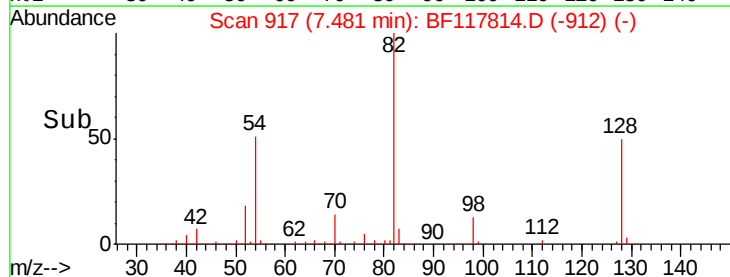
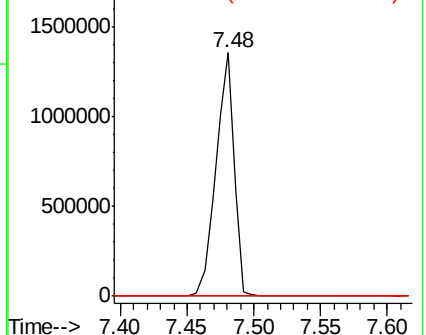
138 0.0 16.5 24.7#

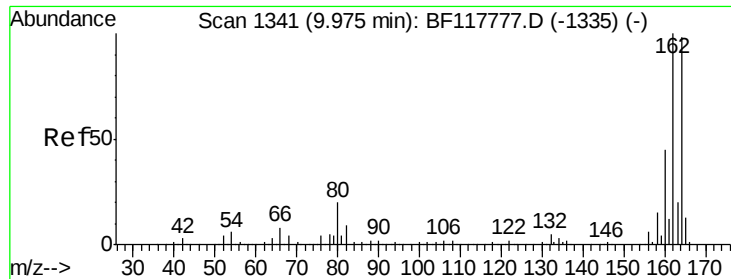


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

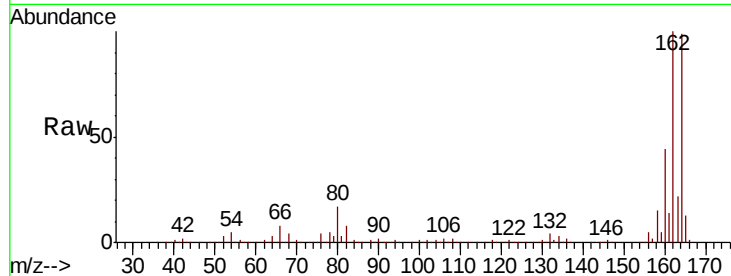




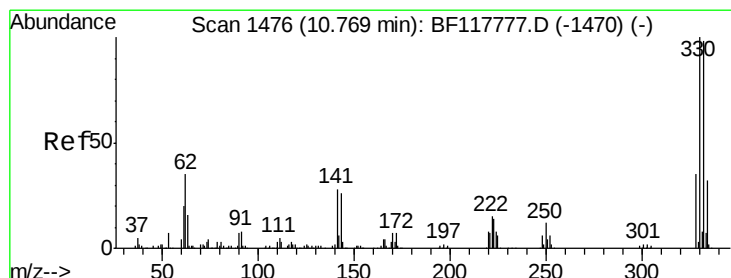
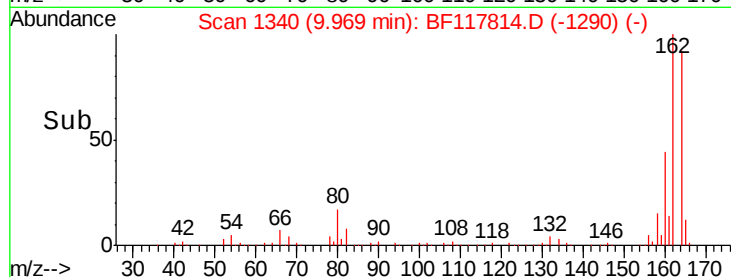
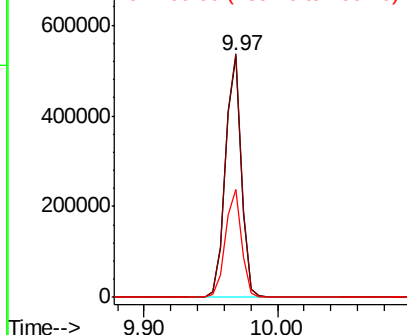
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117814.D
 Acq: 15 Nov 2019 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 449369
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.3 121.9
 160 44.8 36.6 55.0

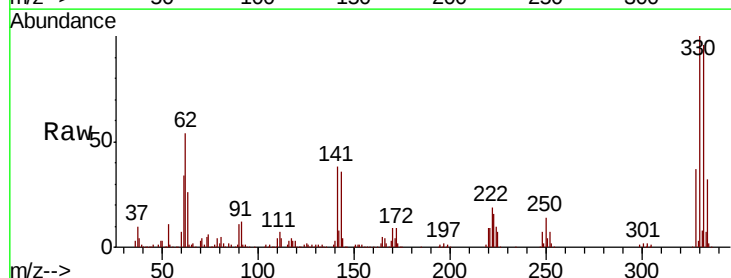


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

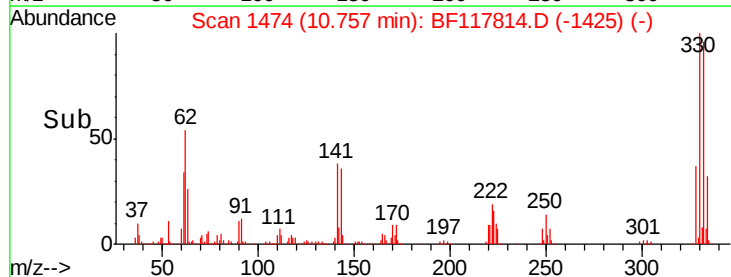
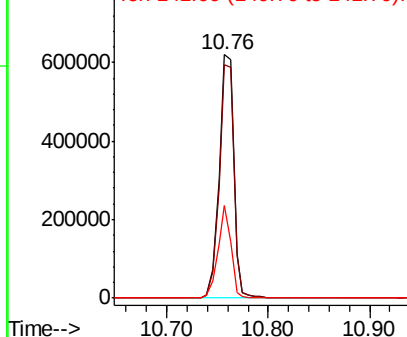


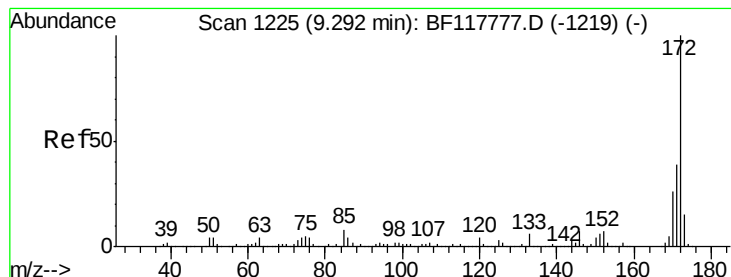
#42
 2,4,6-Tribromophenol
 Concen: 130.762 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117814.D
 Acq: 15 Nov 2019 20:24

Tgt Ion:330 Resp: 622092
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 33.7 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: 91.898 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

Instrument :

BNA_F

ClientSampleId :

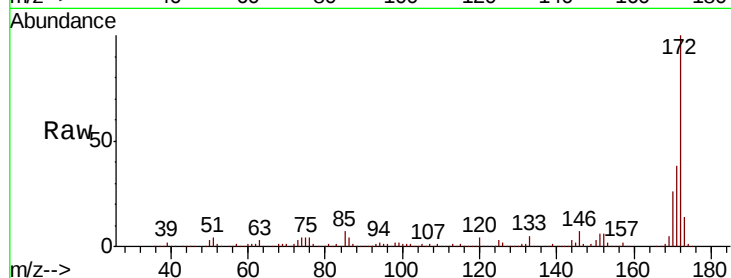
Tot Ion:172 Resp: 2301858

Ion Ratio Lower Upper

172 100

171 37.7 30.9 46.3

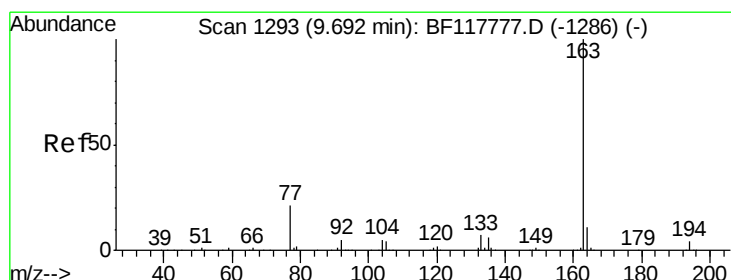
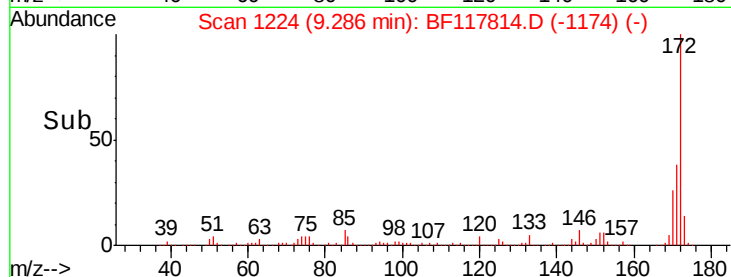
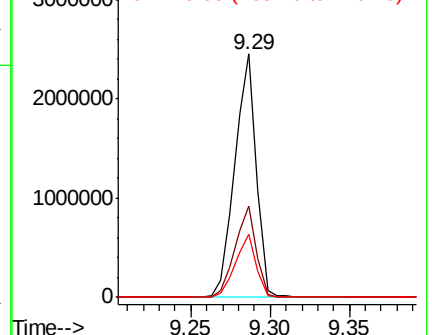
170 25.8 21.0 31.4



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: 10.002 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117814.D

Acq: 15 Nov 2019 20:24

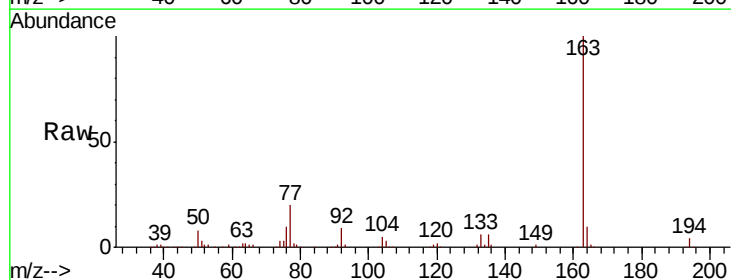
Tgt Ion:163 Resp: 315192

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

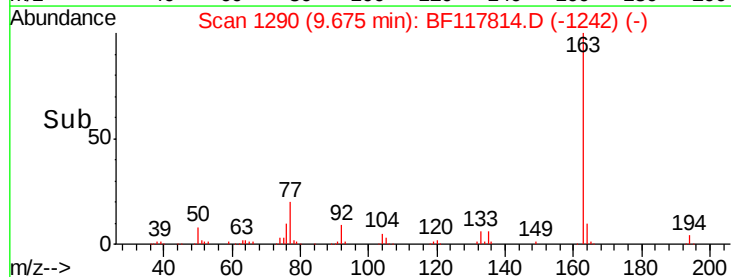
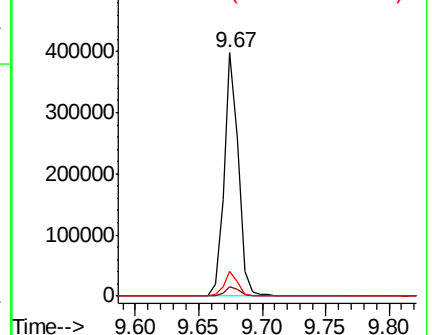
164 10.1 8.7 13.1

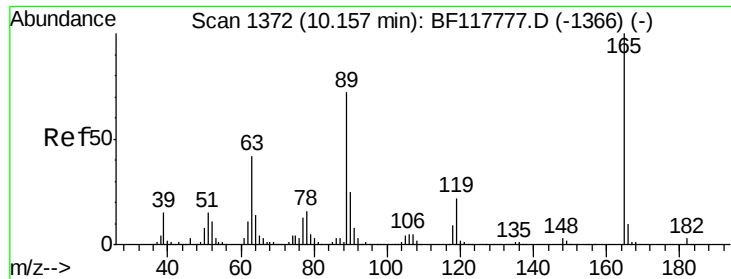


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

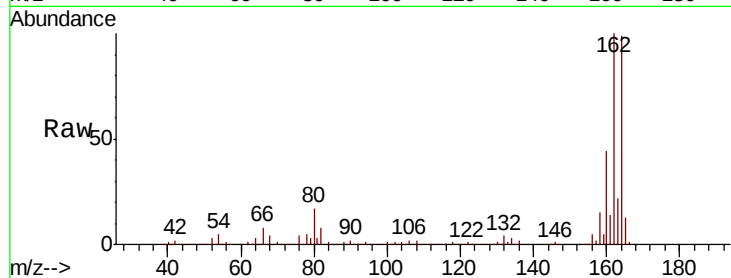




#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



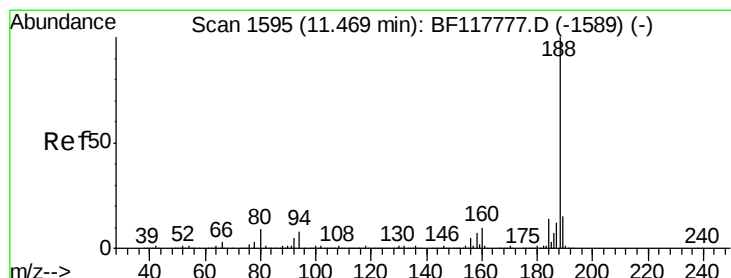
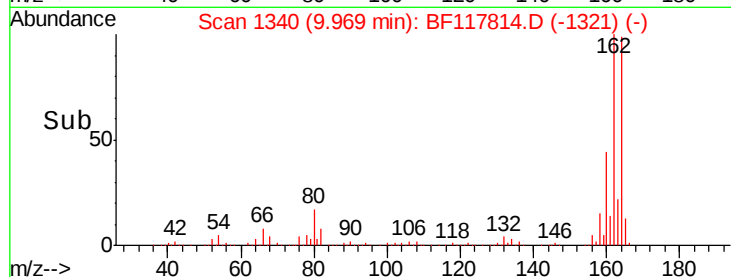
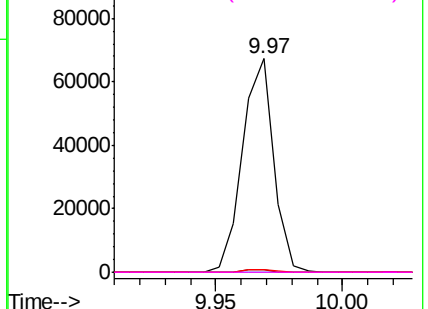
Abundance

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: BF117814.D
Acq: 15 Nov 2019 20:24

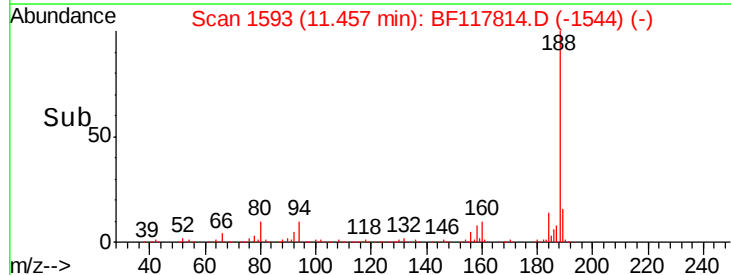
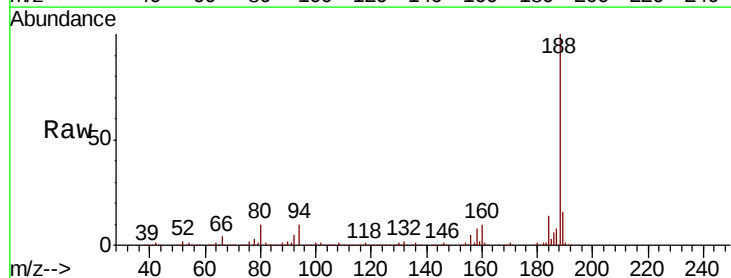
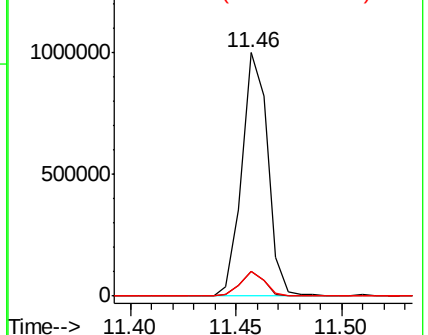
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	10.0
80	10.2	7.2	10.8

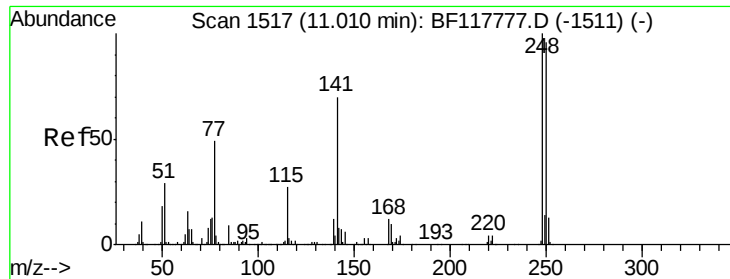
Abundance

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

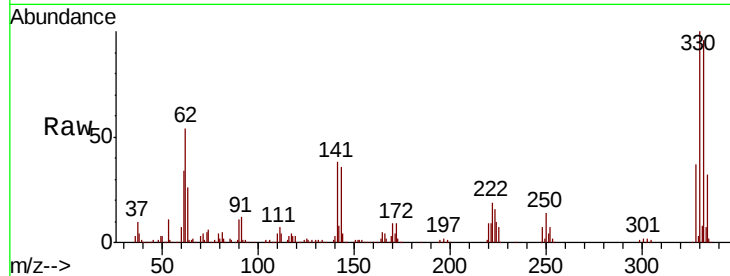




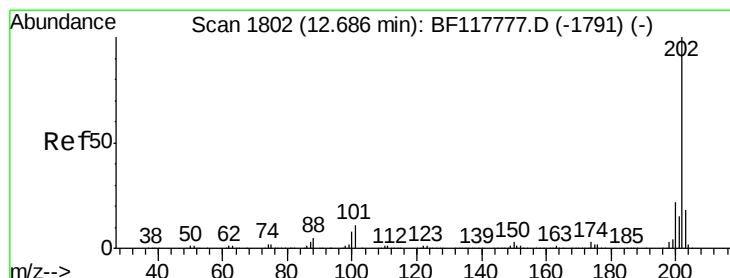
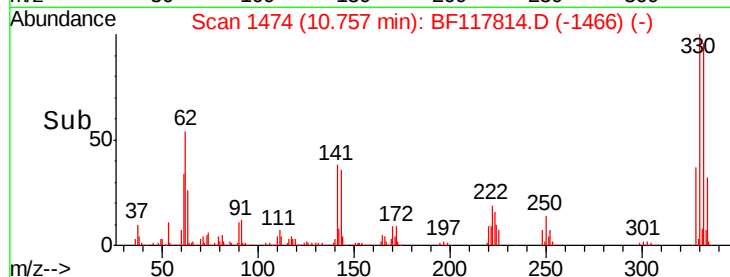
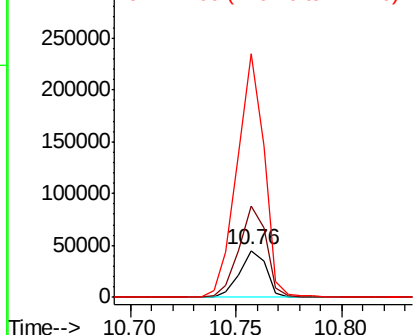
#67
4-Bromophenyl-phenylether
Concen: 4.337 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 39775
Ion Ratio Lower Upper
248 100
250 194.7 76.6 115.0#
141 522.6 55.9 83.9#

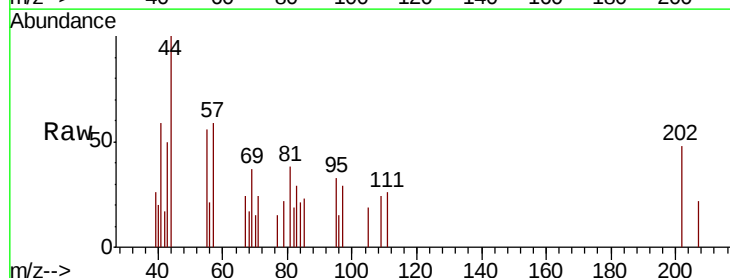


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

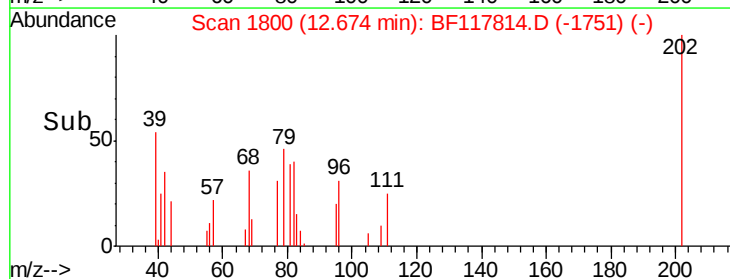
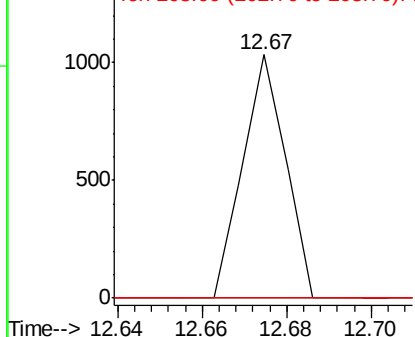


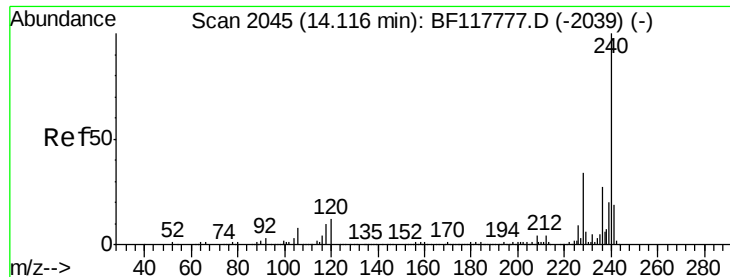
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Tgt Ion:202 Resp: 729
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 0.0 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

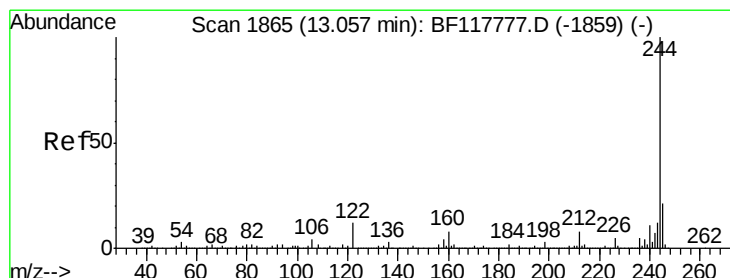
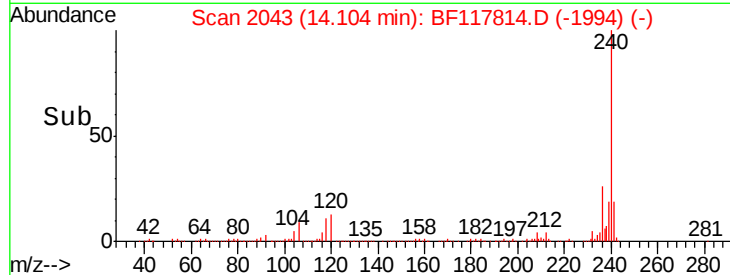
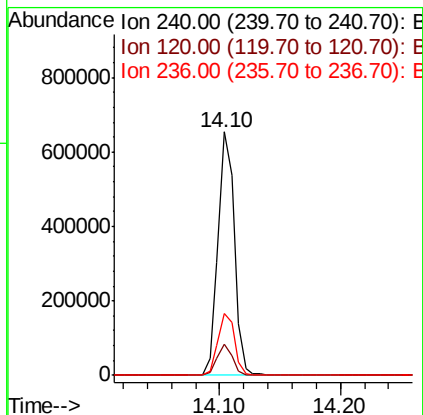
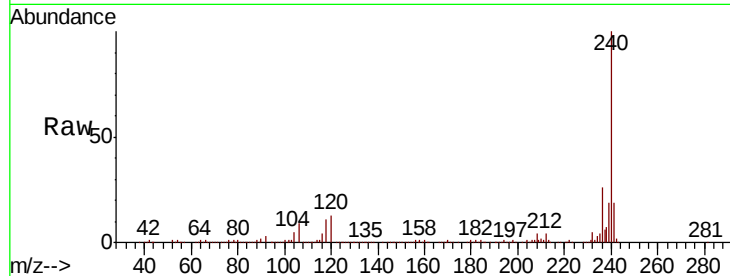




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117814.D
 Acq: 15 Nov 2019 20:24

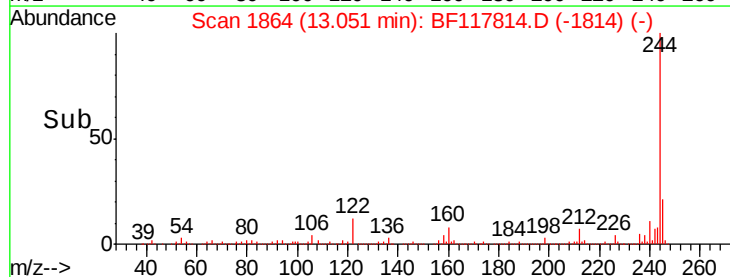
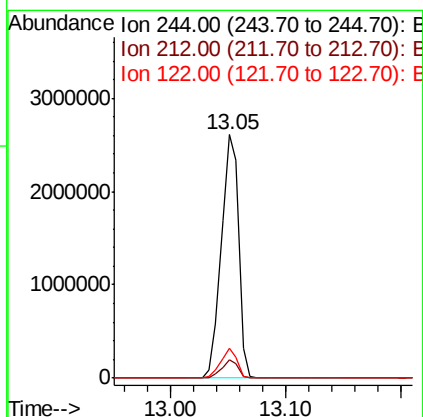
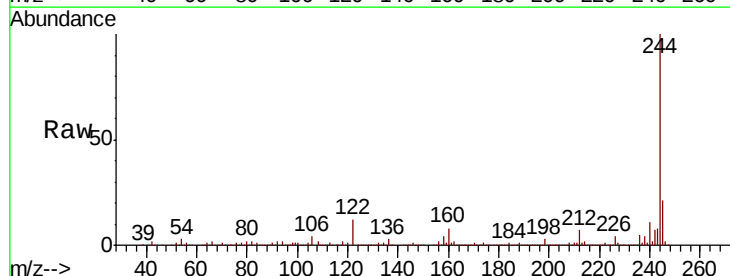
Instrument :
 BNA_F
 ClientSampleId :

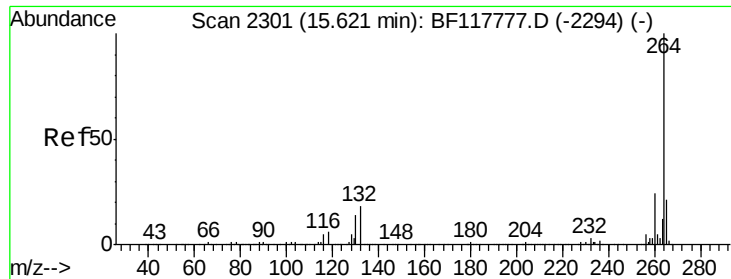
Tot Ion:240 Resp: 604491
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 81.929 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117814.D
 Acq: 15 Nov 2019 20:24

Tgt Ion:244 Resp: 2709829
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.1 9.4 14.2

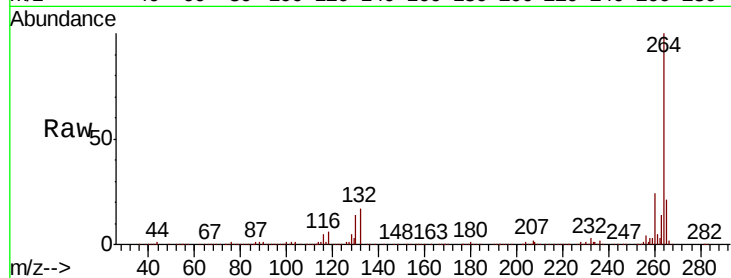




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117814.D
Acq: 15 Nov 2019 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

