

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117820.D
 Acq On : 15 Nov 2019 23:08
 Operator : JU
 Sample : K5861-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:43:15 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	205610	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	790836	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	424777	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	826268	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	660809	20.00	ng	-0.01
87) Perylene-d12	15.61	264	686834	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1366598	117.65	ng	0.00
7) Phenol-d6	6.54	99	1685696	120.32	ng	0.00
23) Nitrobenzene-d5	7.48	82	1002629	75.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	525088	116.76	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1938029	81.85	ng	0.00
79) Terphenyl-d14	13.05	244	2461293	68.07	ng	0.00

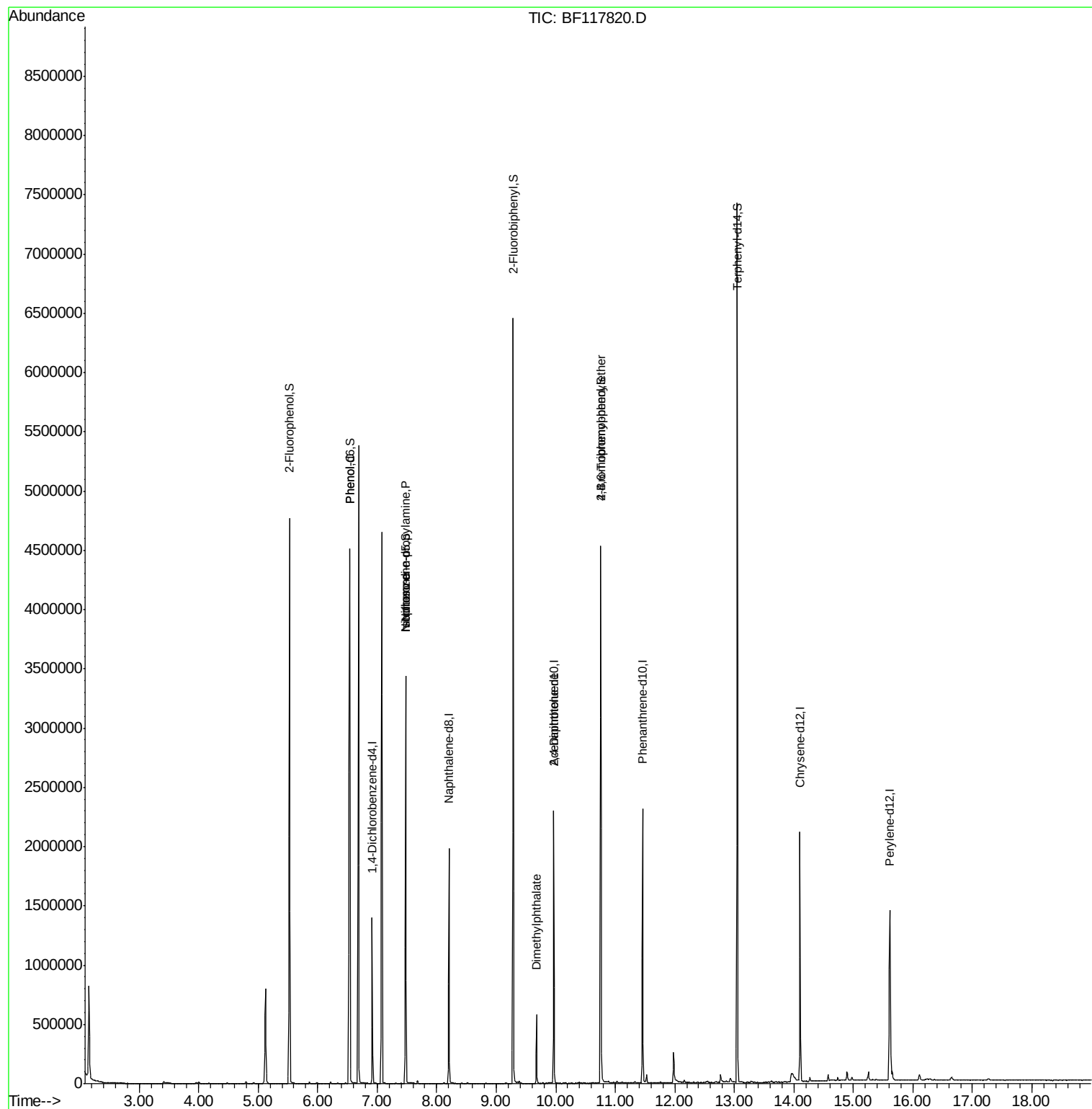
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	3302	Below Cal		# 1
10) Phenol	6.55	94	42690	2.932	ng	90
19) n-Nitroso-di-n-propylamine	7.48	70	137531	15.912	ng	# 74
25) Isophorone	7.48	82	1002615	41.119	ng	# 62
50) Dimethylphthalate	9.67	163	209943	7.048	ng	99
57) 2,4-Dinitrotoluene	9.97	165	54614	6.595	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	34119	3.827	ng	# 1
75) Fluoranthene	12.67	202	905	Below Cal		63

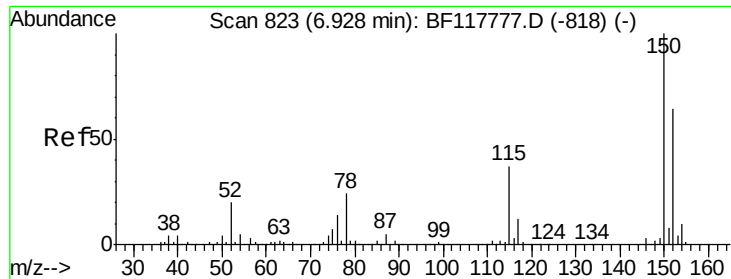
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117820.D
Acq On : 15 Nov 2019 23:08
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Sample : K5861-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 01:43:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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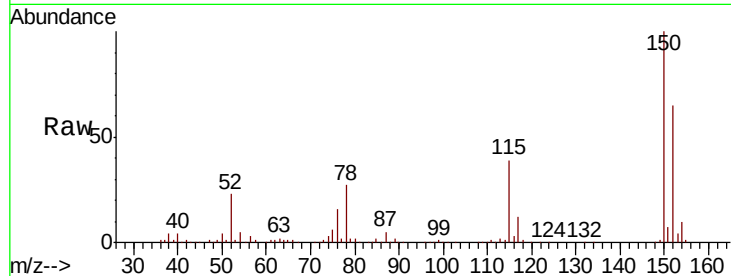


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.3	187.9
115	60.9	47.0	70.4

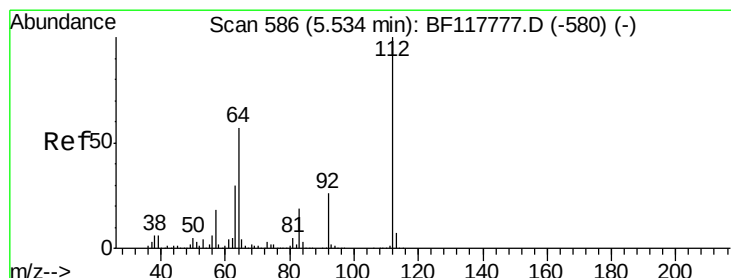
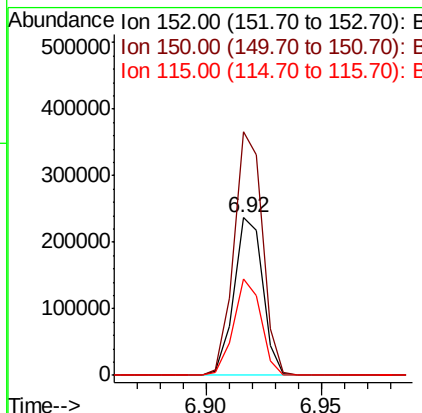
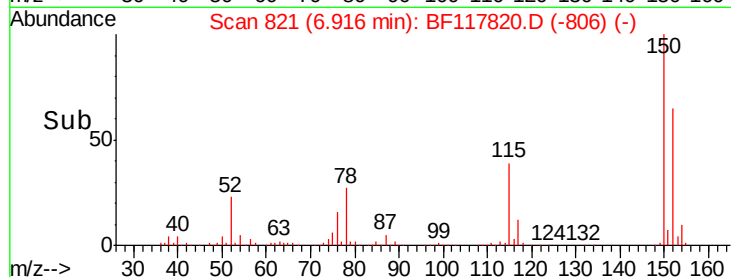


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

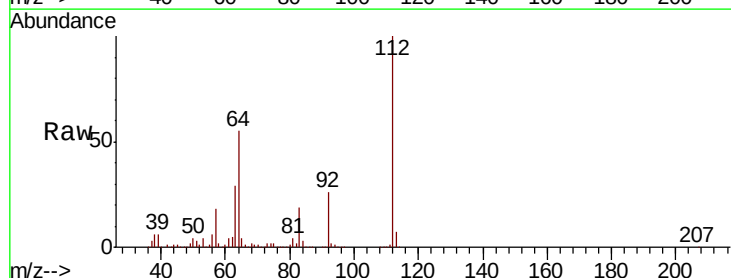
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.651 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.6	68.4
63	29.4	24.1	36.1

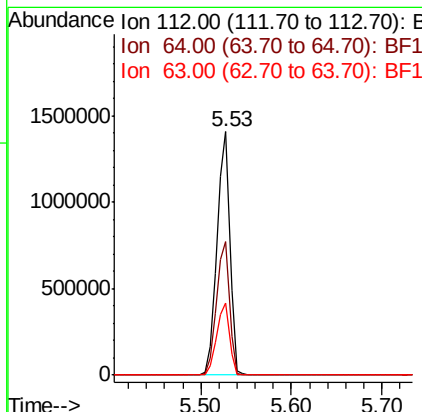
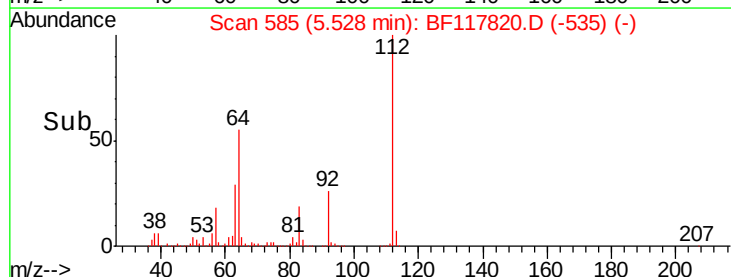


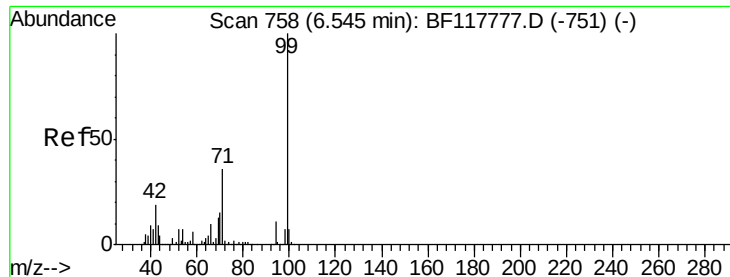
Abundance

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: 120.318 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117820.D

Acq: 15 Nov 2019 23:08

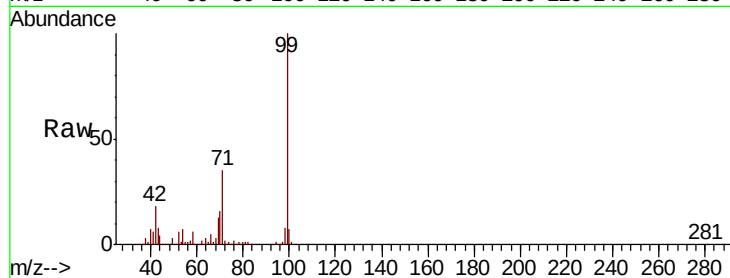
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1685696

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.9	22.3
71	34.6	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

2000000

1500000

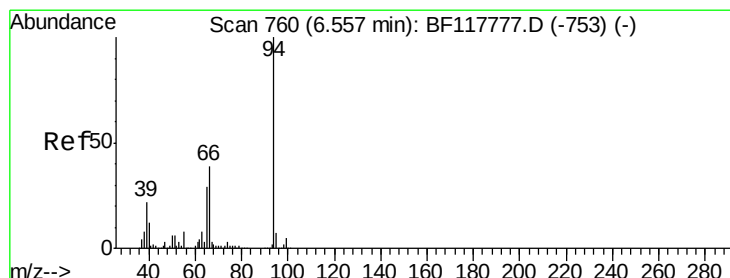
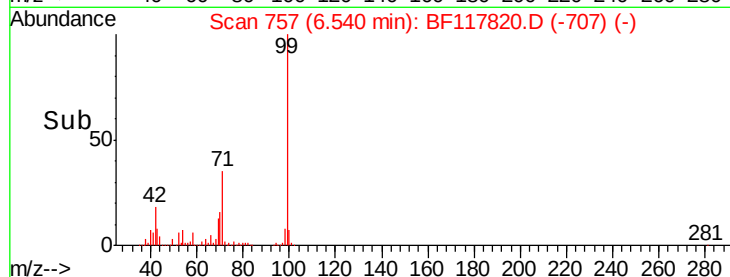
1000000

500000

0

6.54

Time-->



#10

Phenol

Concen: 2.932 ng

RT: 6.55 min Scan# 758

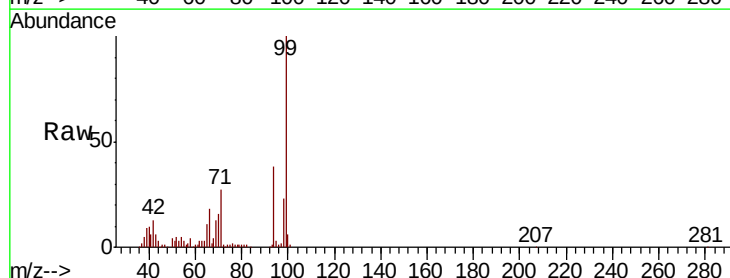
Delta R.T. -0.01 min

Lab File: BF117820.D

Acq: 15 Nov 2019 23:08

Tgt Ion: 94 Resp: 42690

Ion	Ratio	Lower	Upper
94	100		
65	30.4	8.9	48.9
66	47.8	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

100000

80000

60000

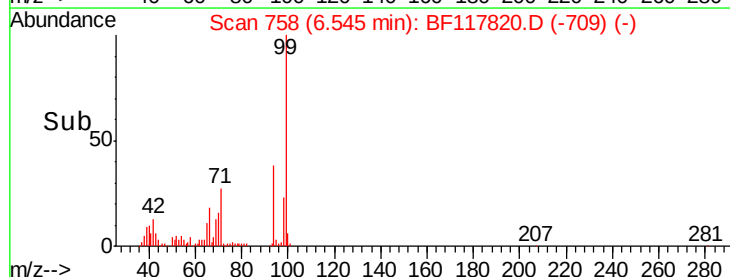
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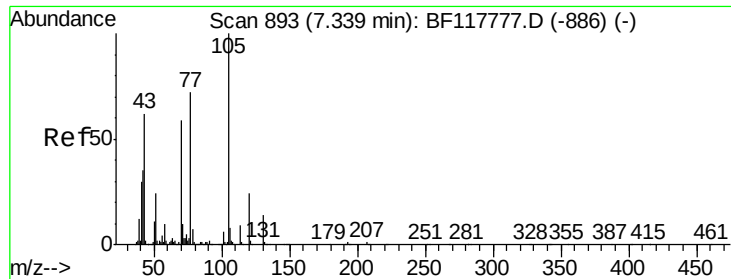
20000

0

6.55

Time-->

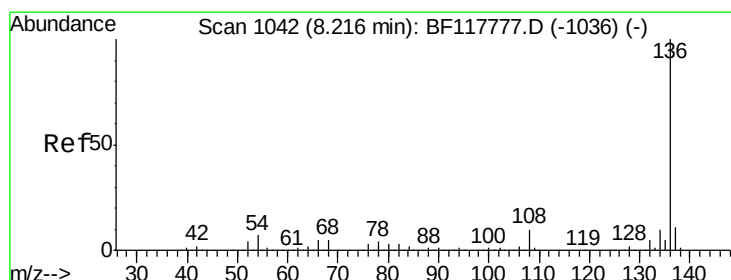
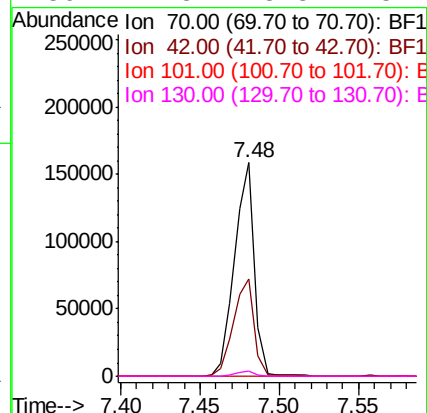
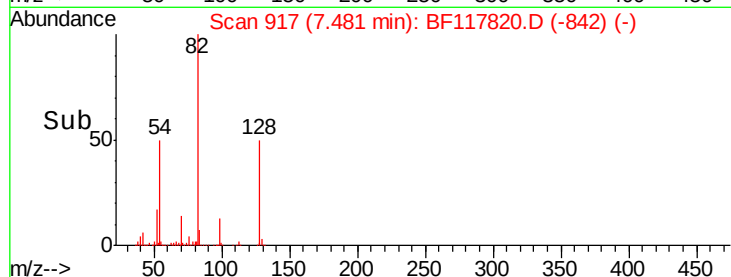
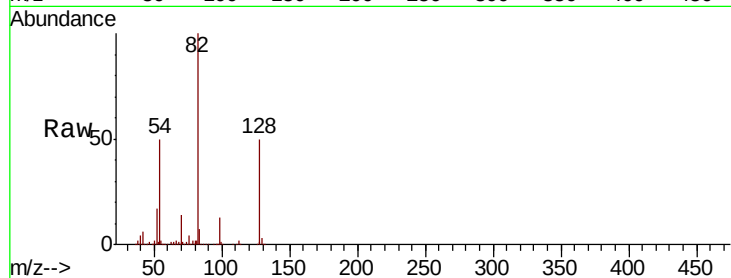




#19
n-Nitroso-di-n-propylamine
Concen: 15.912 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

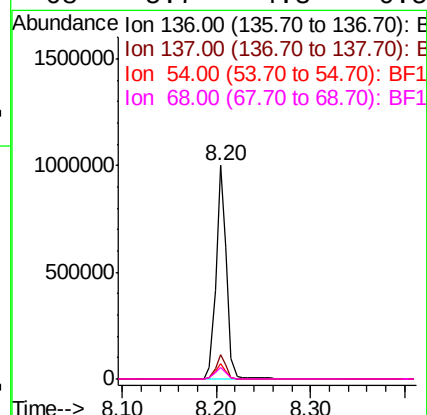
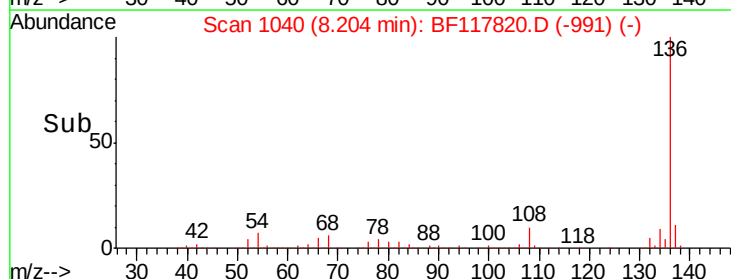
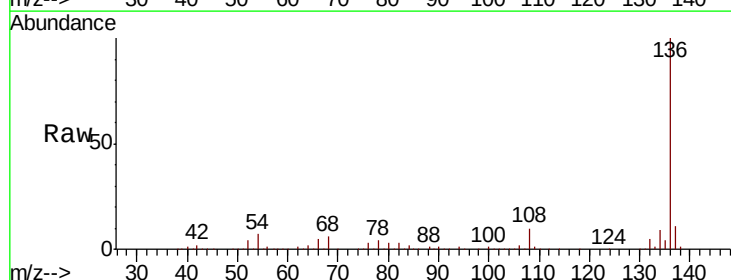
Instrument :
BNA_F
ClientSampled :

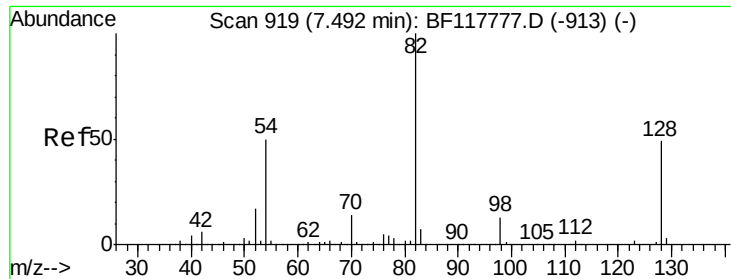
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.4	71.2#
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	5.4	8.2
68	5.7	4.3	6.5

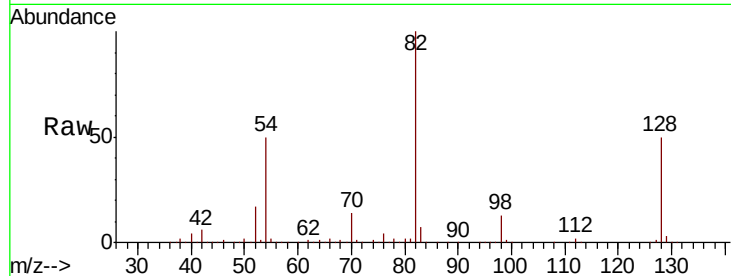




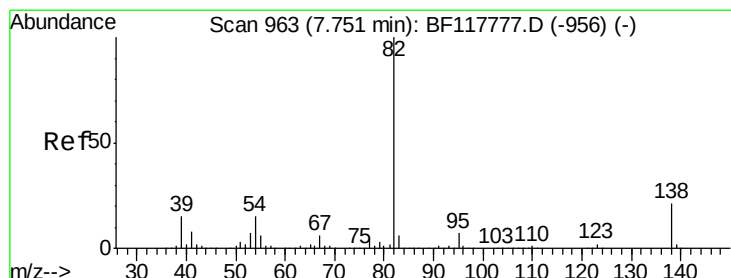
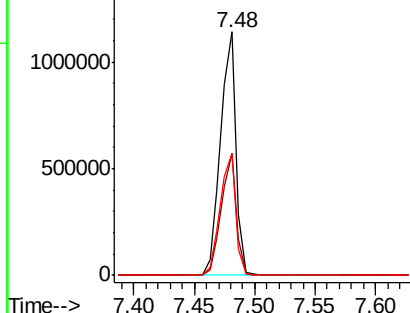
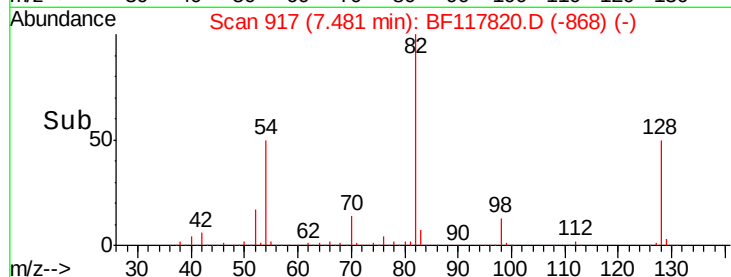
#23
Nitrobenzene-d5
Concen: 75.366 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1002629
Ion Ratio Lower Upper
82 100
128 50.3 38.9 58.3
54 50.0 39.8 59.6

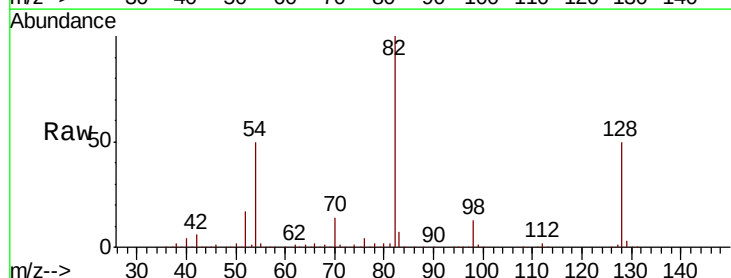


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

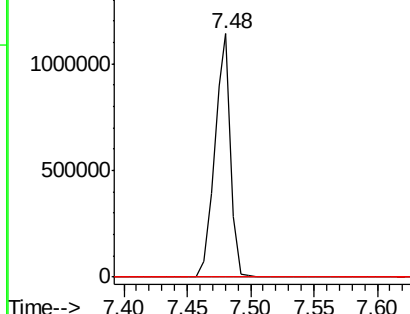
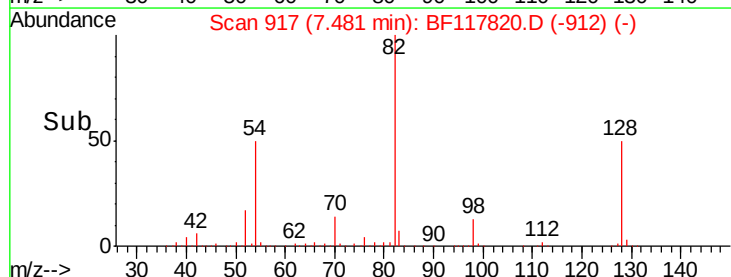


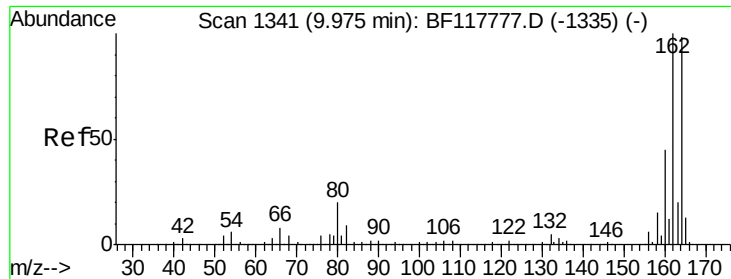
#25
Isophorone
Concen: 41.119 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion: 82 Resp: 1002615
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

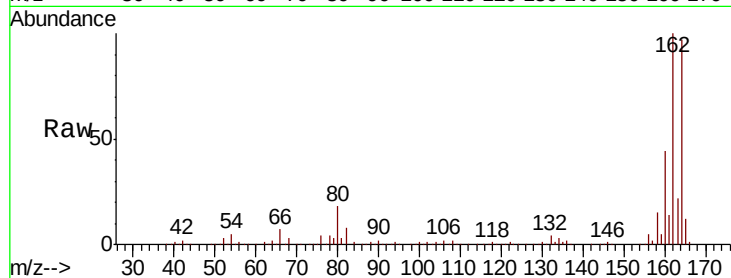




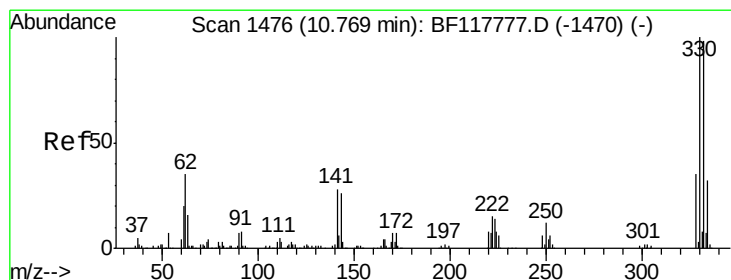
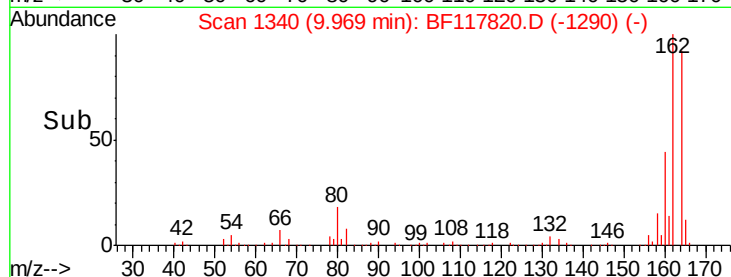
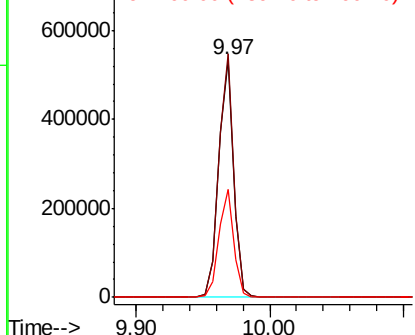
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 424777
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.6 36.6 55.0

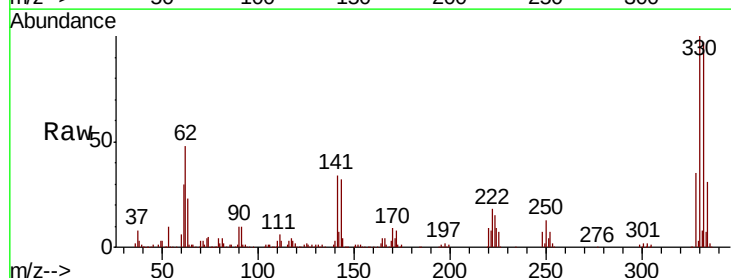


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

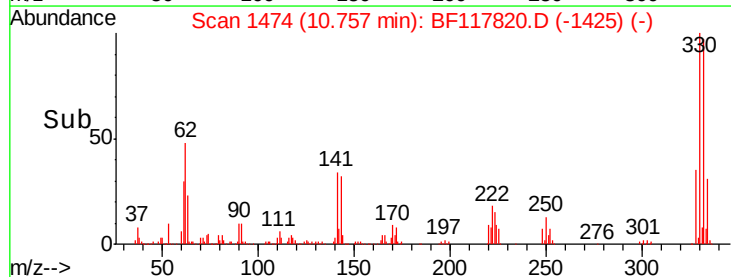
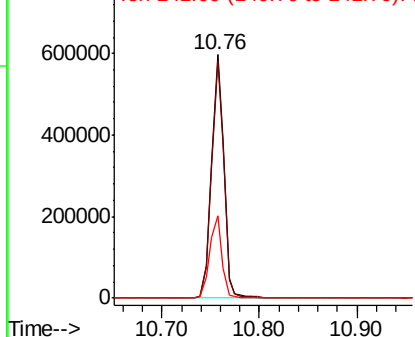


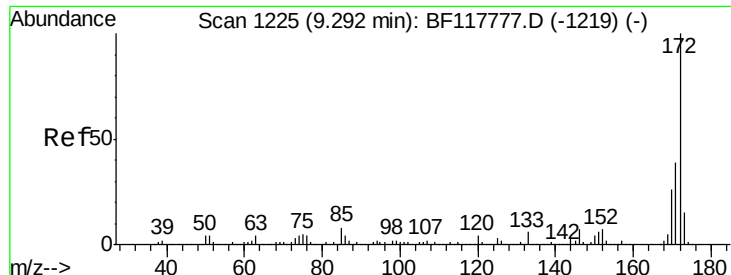
#42
2,4,6-Tribromophenol
Concen: 116.762 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:330 Resp: 525088
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 33.6 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

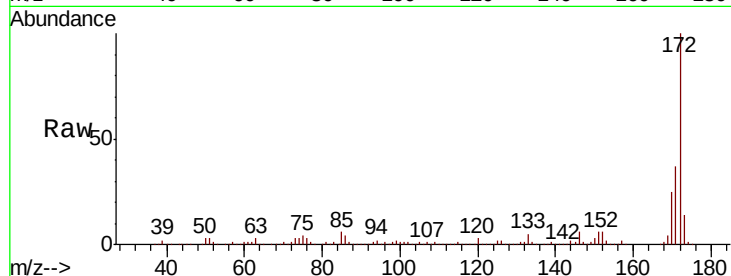




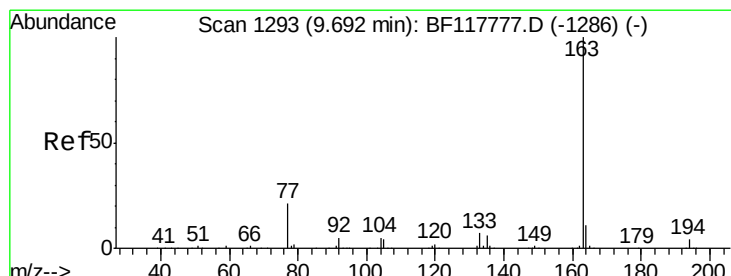
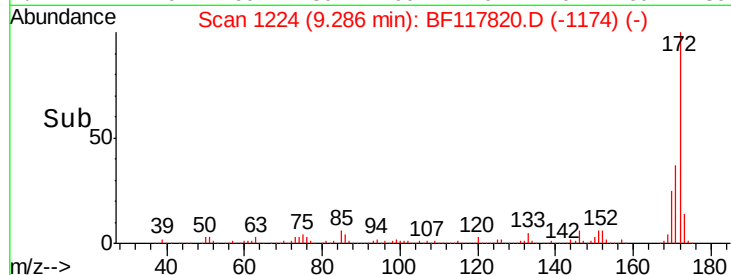
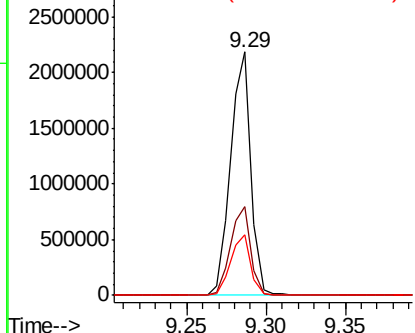
#45
2-Fluorobiphenyl
Concen: 81.852 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1938029
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 24.6 21.0 31.4

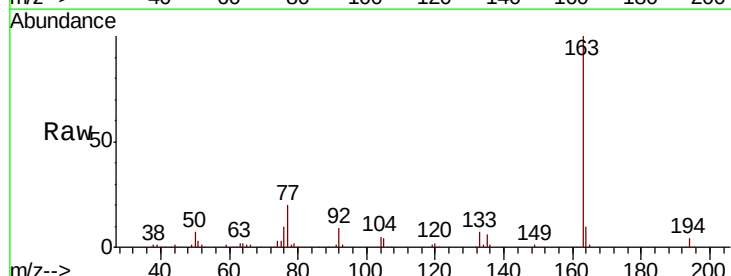


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

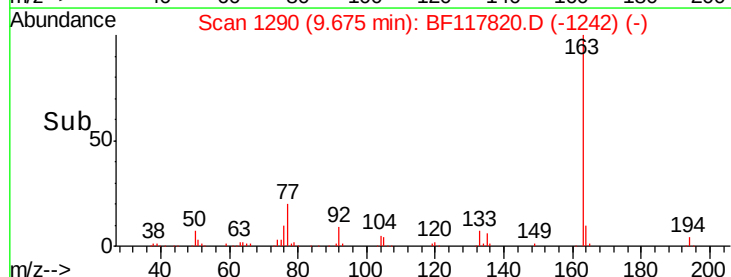
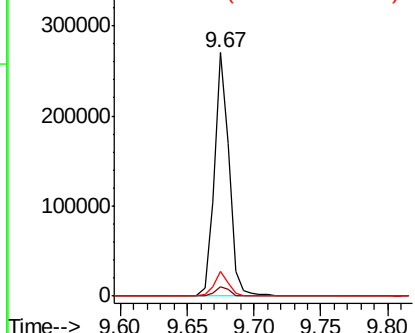


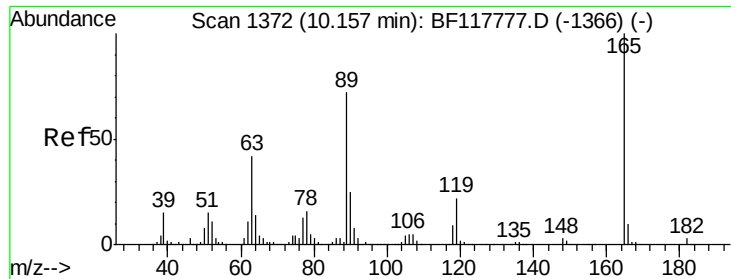
#50
Dimethylphthalate
Concen: 7.048 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:163 Resp: 209943
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.4 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

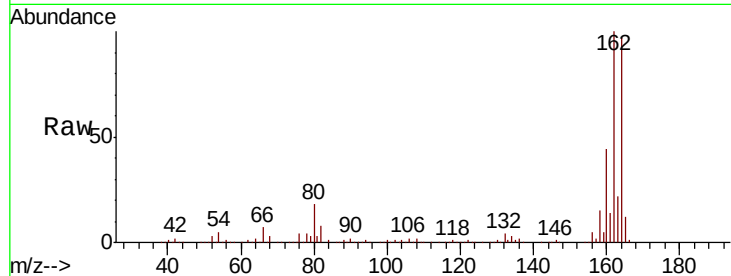




#57
 2,4-Dinitrotoluene
 Concen: 6.595 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.7	50.5#
89	1.8	57.3	85.9#
182	0.0	2.3	3.5#



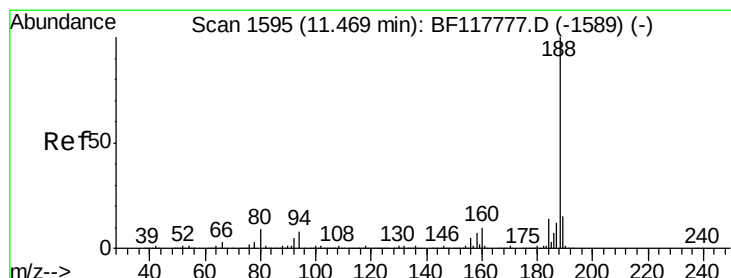
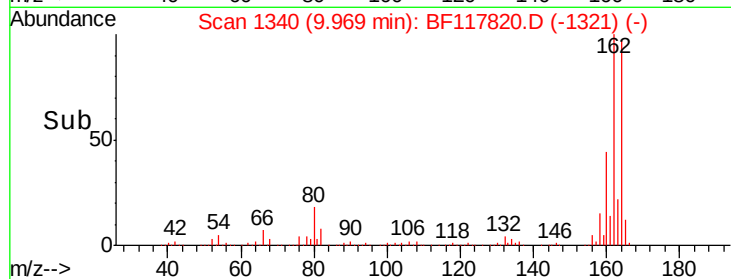
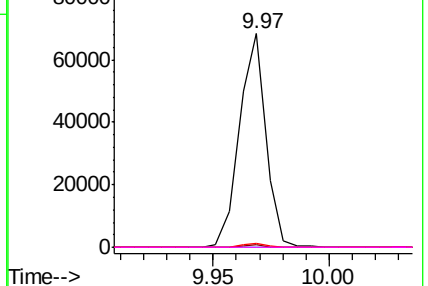
Abundance

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: BF117820.D
 Acq: 15 Nov 2019 23:08

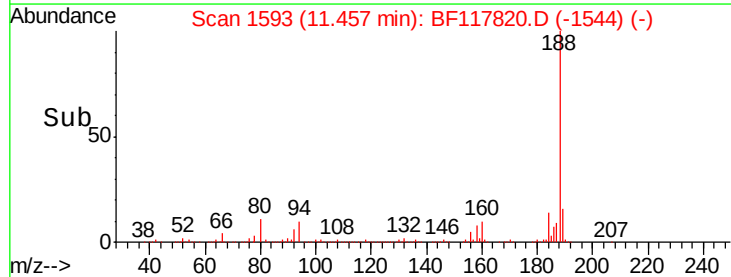
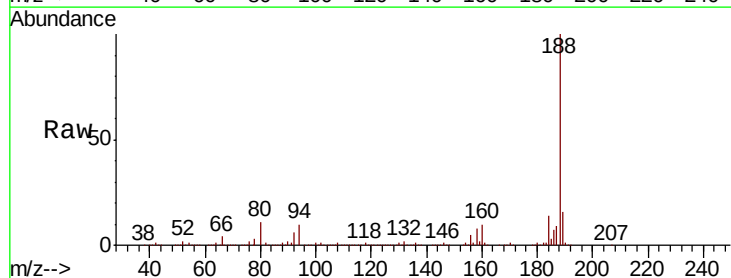
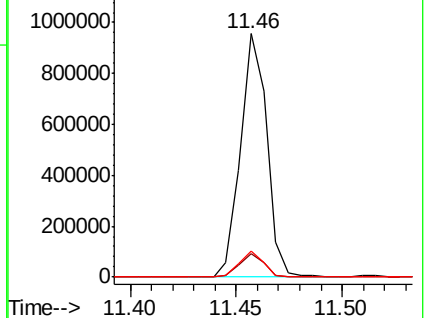
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.6	10.0
80	10.6	7.2	10.8

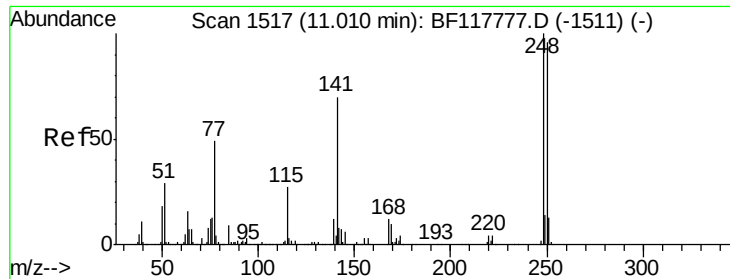
Abundance

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

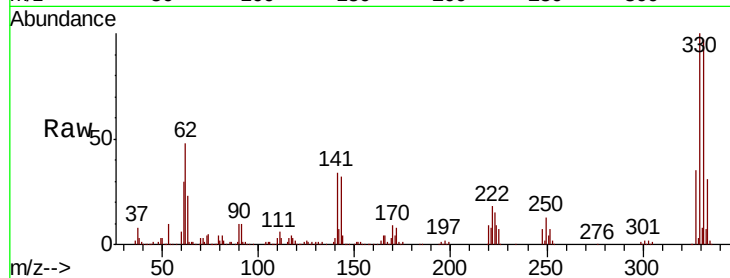




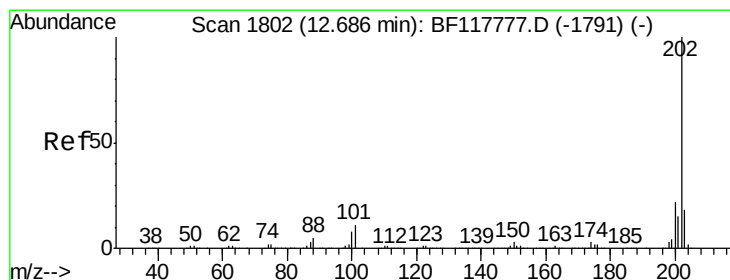
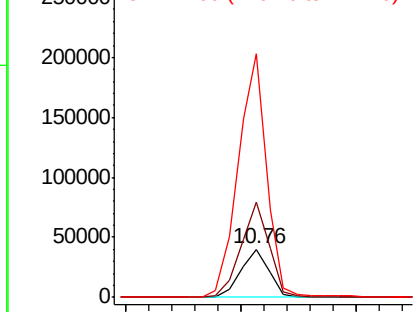
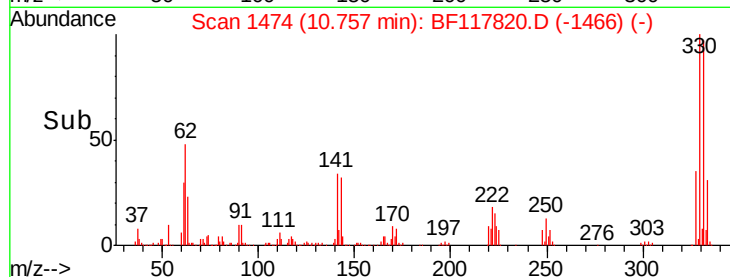
#67
4-Bromophenyl-phenylether
Concen: 3.827 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 34119
Ion Ratio Lower Upper
248 100
250 197.8 76.6 115.0#
141 505.5 55.9 83.9#

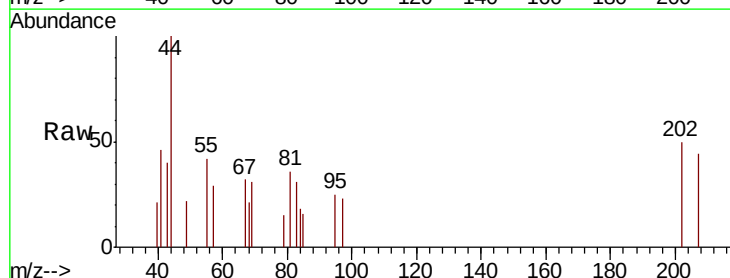


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

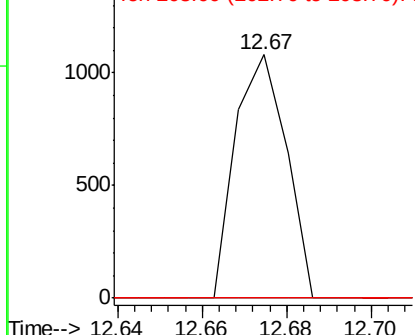
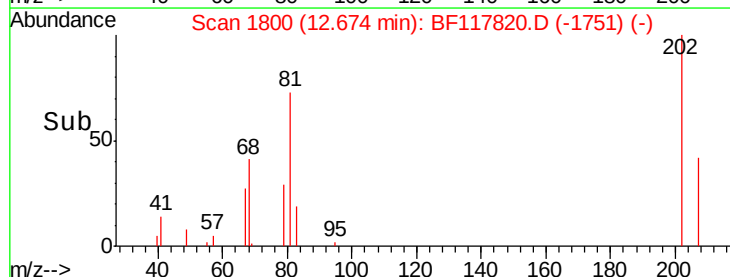


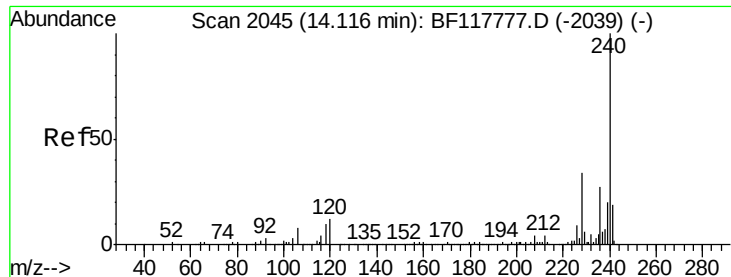
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117820.D
Acq: 15 Nov 2019 23:08

Tgt Ion:202 Resp: 905
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: BF117820.D

Acq: 15 Nov 2019 23:08

Instrument :

BNA_F

ClientSampleId :

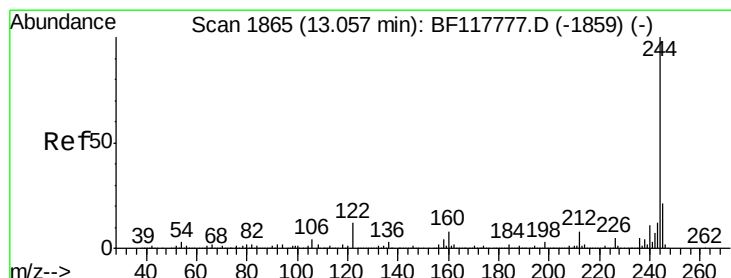
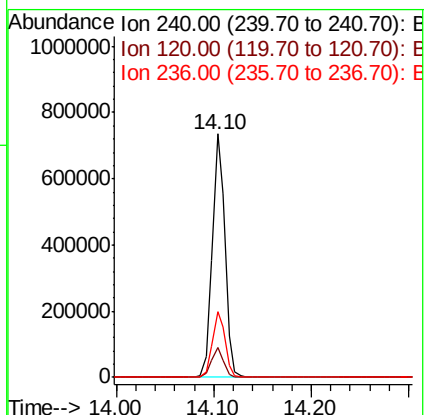
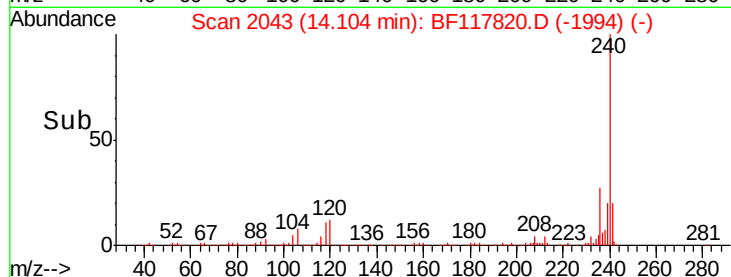
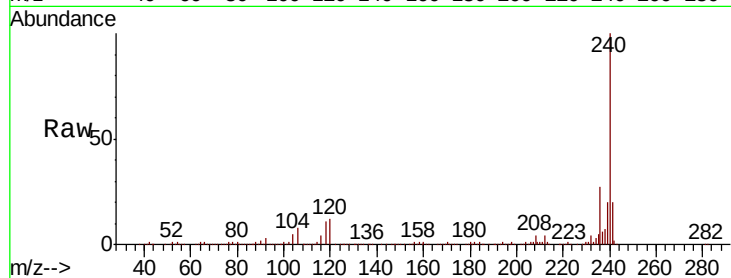
Tot Ion:240 Resp: 660809

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

236 26.9 21.3 31.9



#79

Terphenyl-d14

Concen: 68.072 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117820.D

Acq: 15 Nov 2019 23:08

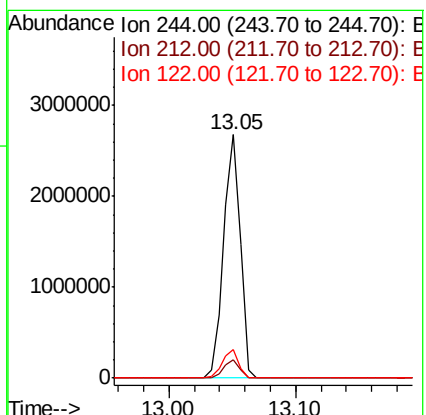
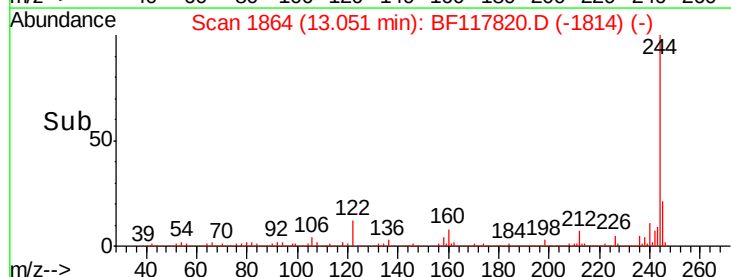
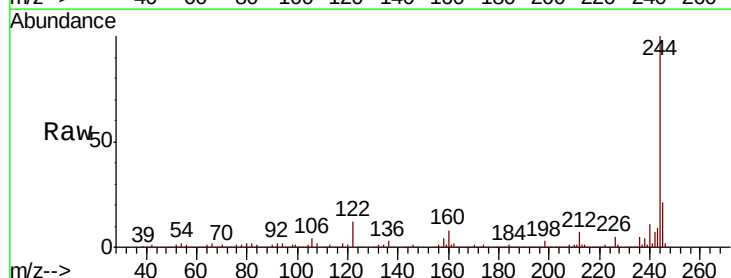
Tgt Ion:244 Resp: 2461293

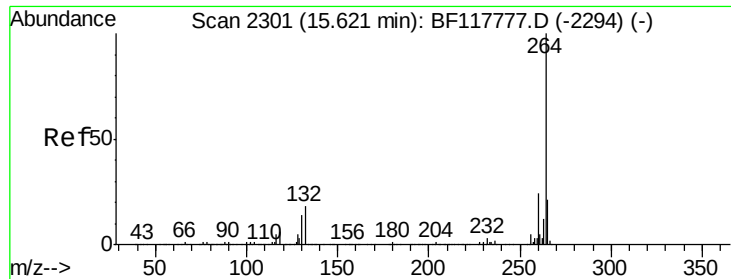
Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 11.6 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117820.D
 Acq: 15 Nov 2019 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.7	17.1	25.7

