

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117856.D
 Acq On : 19 Nov 2019 13:48
 Operator : JU
 Sample : K5865-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:30:19 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	239504	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	946257	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	525842	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	1027754	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	717819	20.00	ng	-0.01
87) Perylene-d12	15.62	264	642214	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1742222	128.76	ng	0.00
7) Phenol-d6	6.55	99	2243320	137.46	ng	0.00
23) Nitrobenzene-d5	7.48	82	1410799	88.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	711410	127.79	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2623770	89.52	ng	0.00
79) Terphenyl-d14	13.06	244	3237462	82.43	ng	0.00

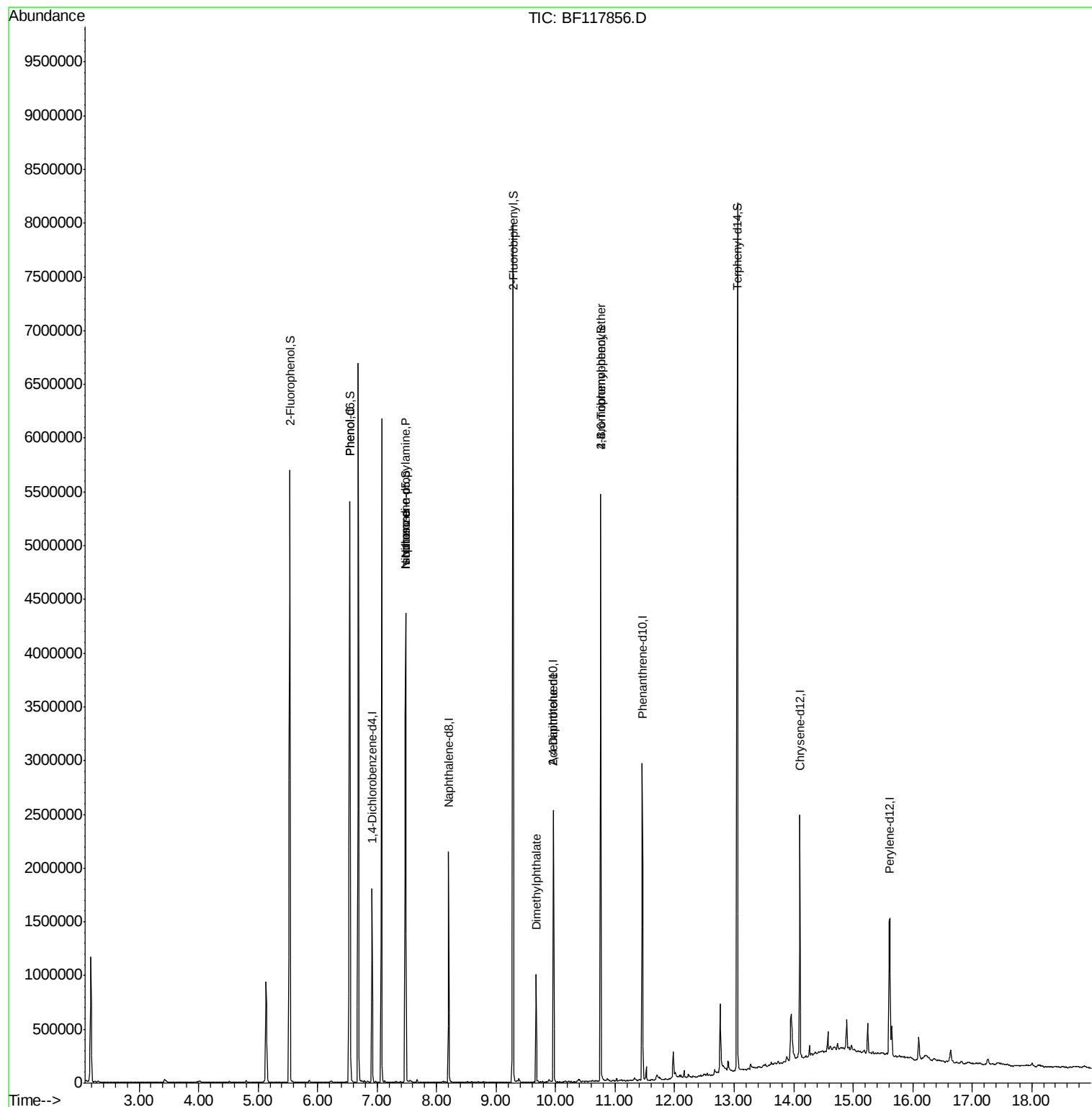
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	5035	Below Cal		# 1
10) Phenol	6.55	94	108835	6.418	ng	97
19) n-Nitroso-di-n-propylamine	7.48	70	196352	19.502	ng	# 77
25) Isophorone	7.48	82	1403594	48.109	ng	# 62
50) Dimethylphthalate	9.67	163	371182	10.066	ng	98
57) 2,4-Dinitrotoluene	9.96	165	66815	6.518	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	46157	4.162	ng	# 1
75) Fluoranthene	12.67	202	11954	Below Cal		98

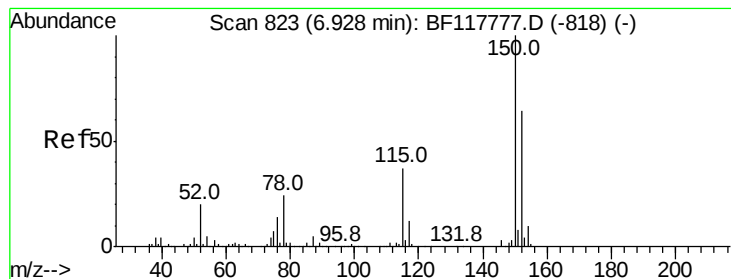
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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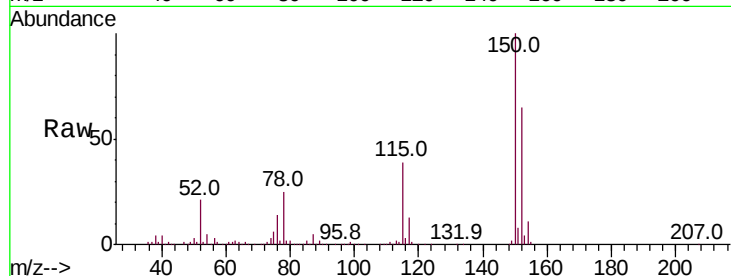


#1

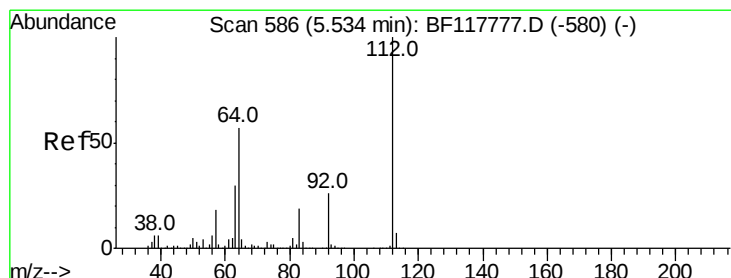
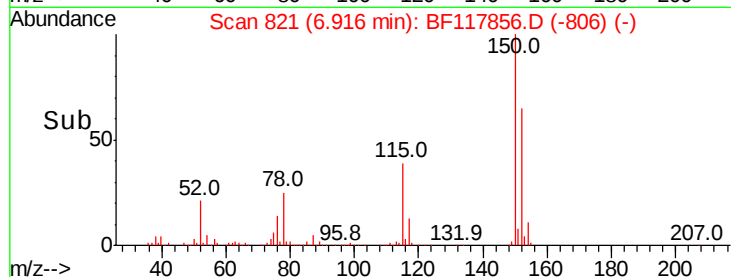
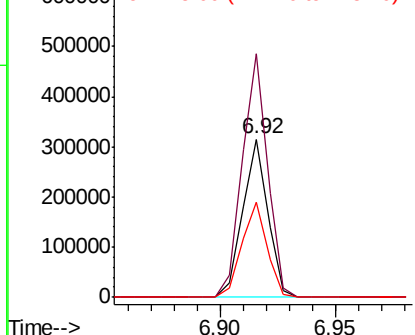
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 239504
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 60.0 47.0 70.4



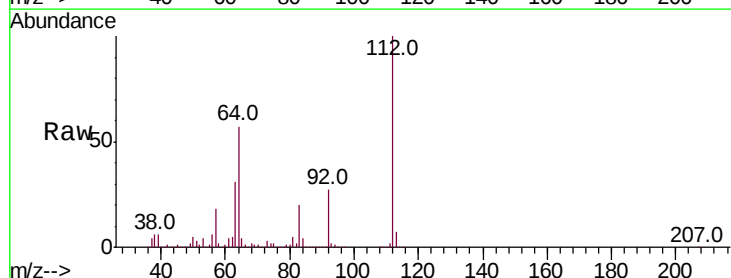
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



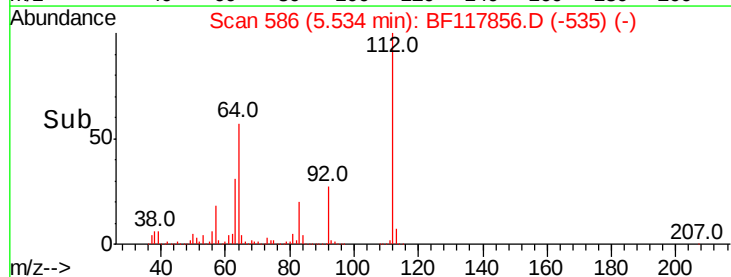
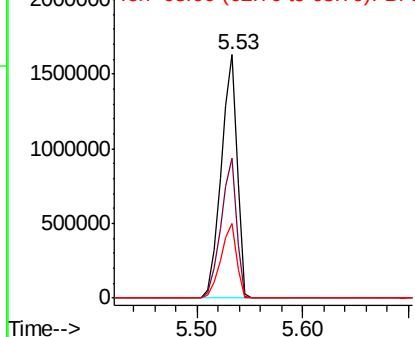
#5

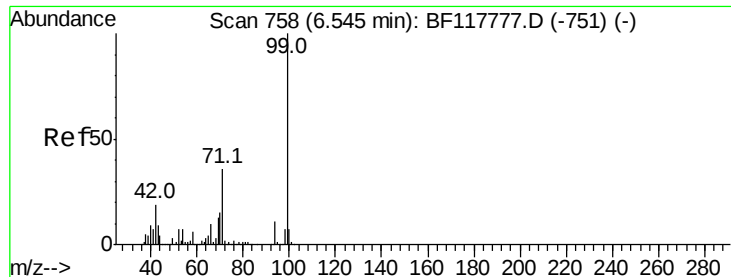
2-Fluorophenol
Concen: 128.763 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:112 Resp: 1742222
Ion Ratio Lower Upper
112 100
64 57.3 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: 137.459 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

Instrument :

BNA_F

ClientSampleId :

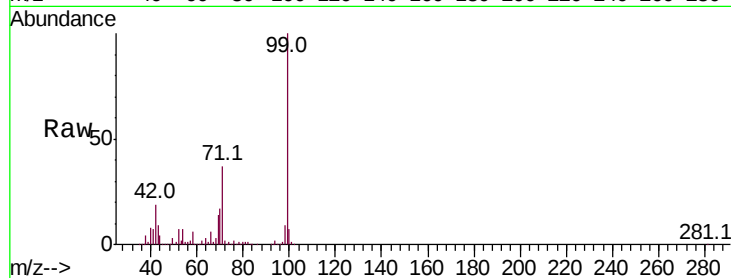
Tot Ion: 99 Resp: 2243320

Ion Ratio Lower Upper

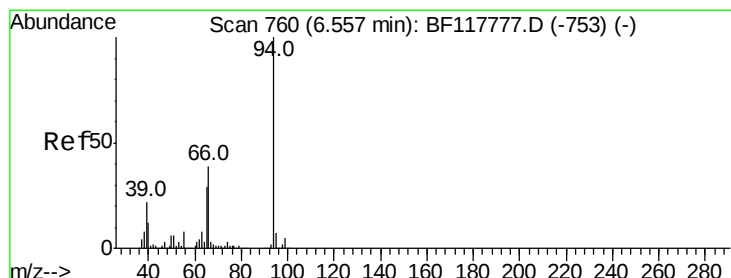
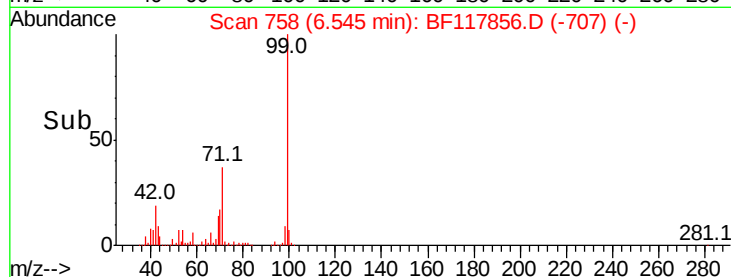
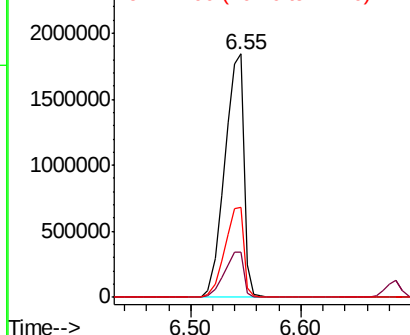
99 100

42 18.6 14.9 22.3

71 36.8 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.418 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117856.D

Acq: 19 Nov 2019 13:48

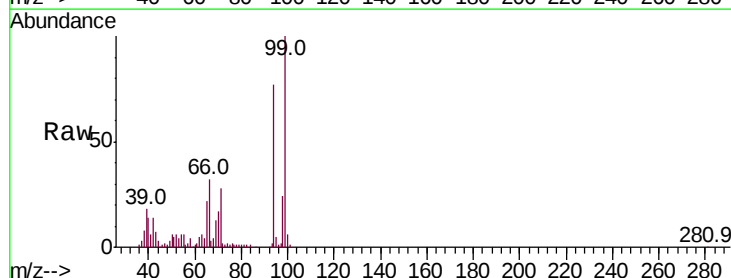
Tgt Ion: 94 Resp: 108835

Ion Ratio Lower Upper

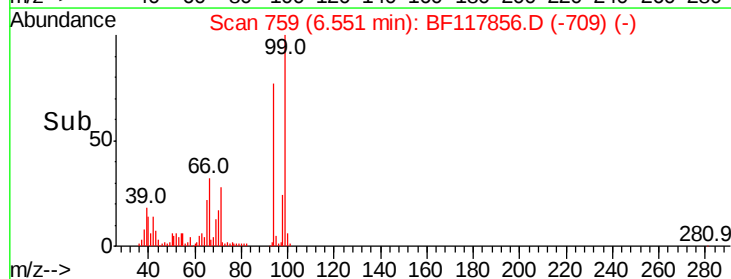
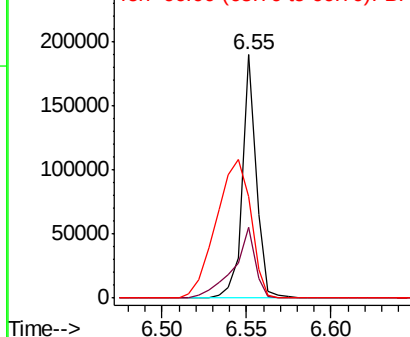
94 100

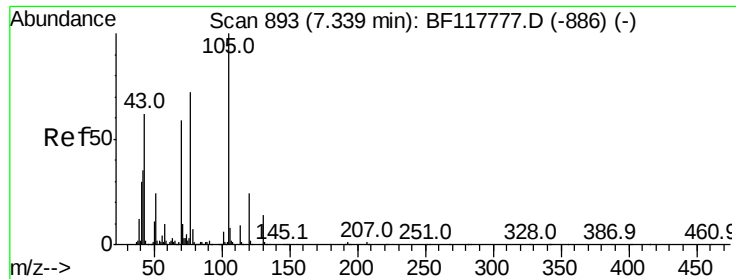
65 29.1 8.9 48.9

66 41.7 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
250000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

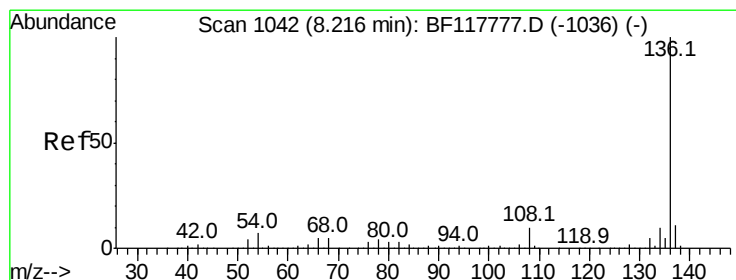
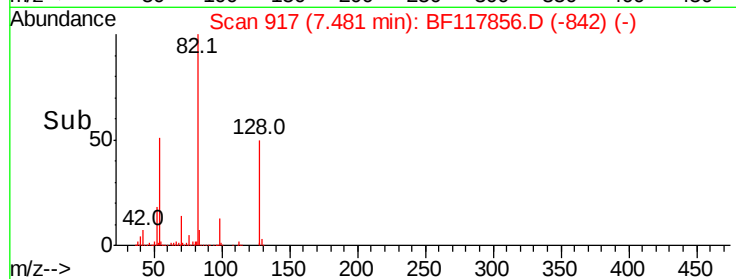
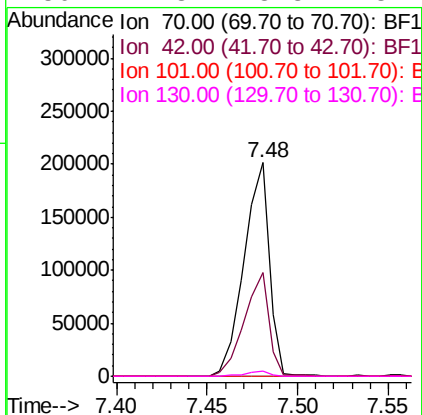
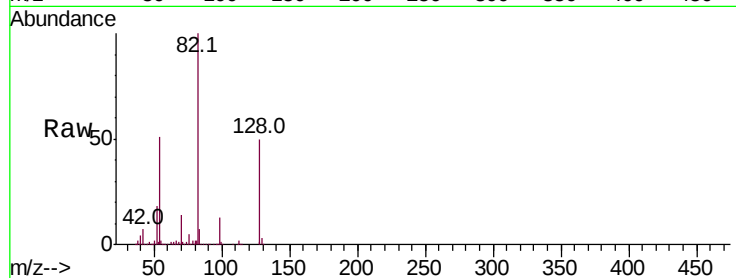




#19
n-Nitroso-di-n-propylamine
Concen: 19.502 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

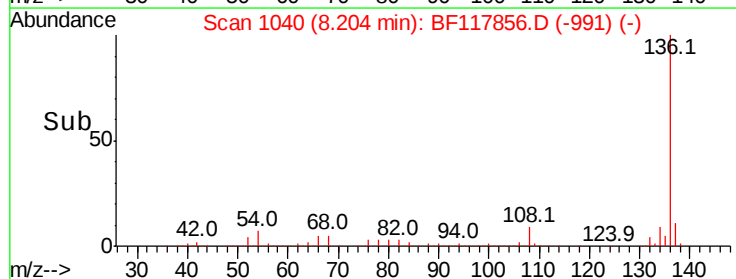
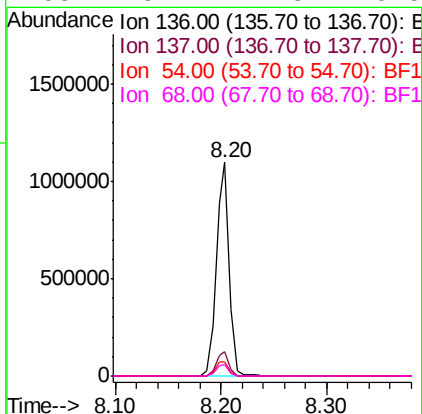
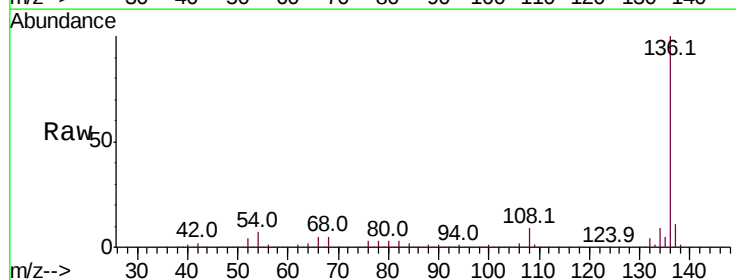
Instrument :
BNA_F
ClientSampleId :

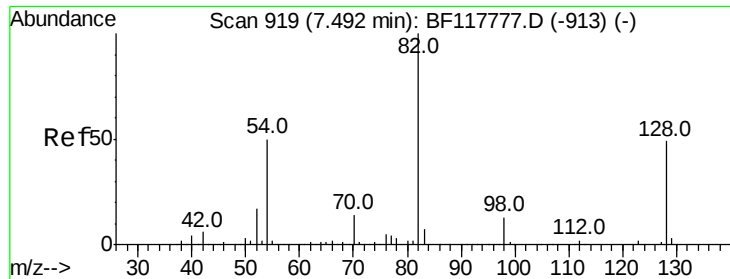
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.4	8.2
68	5.2	4.3	6.5

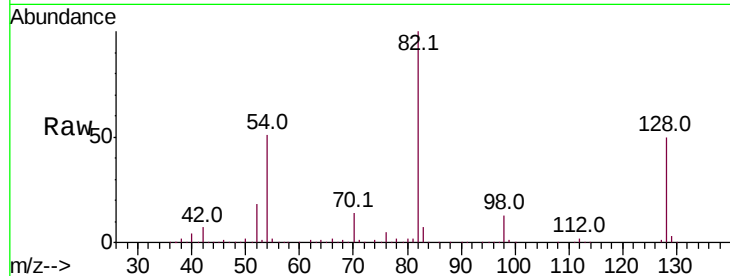




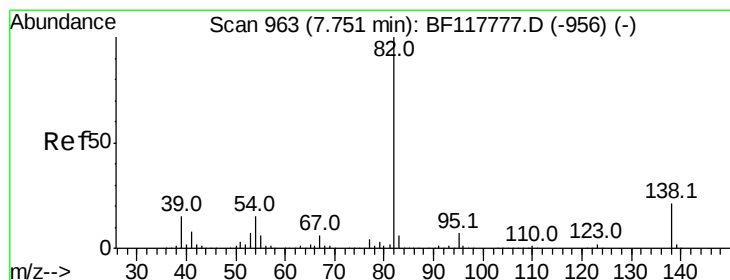
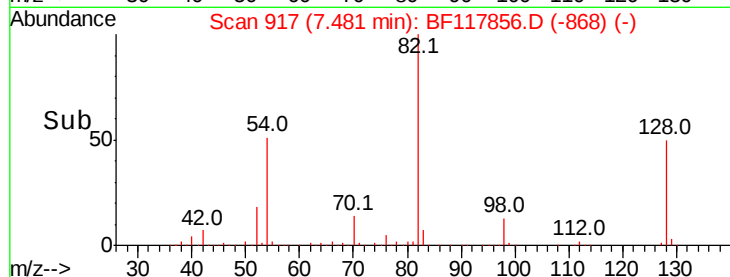
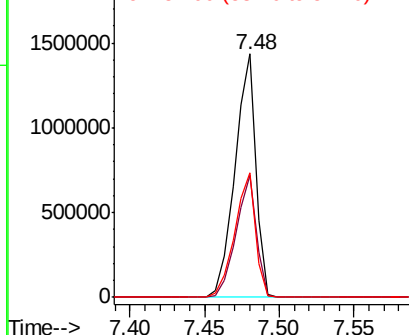
#23
Nitrobenzene-d5
Concen: 88.629 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1410799
Ion Ratio Lower Upper
82 100
128 49.9 38.9 58.3
54 51.2 39.8 59.6

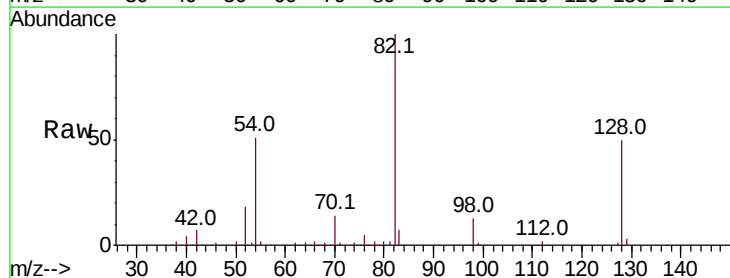


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

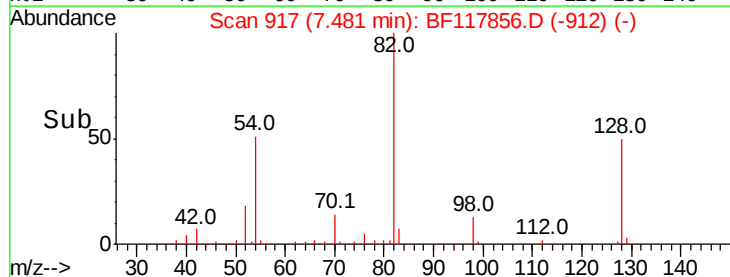
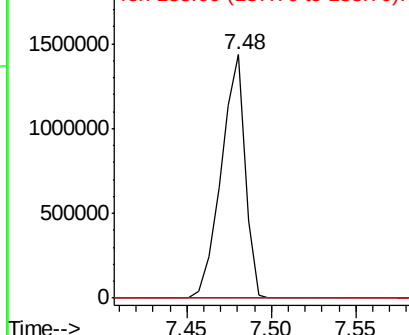


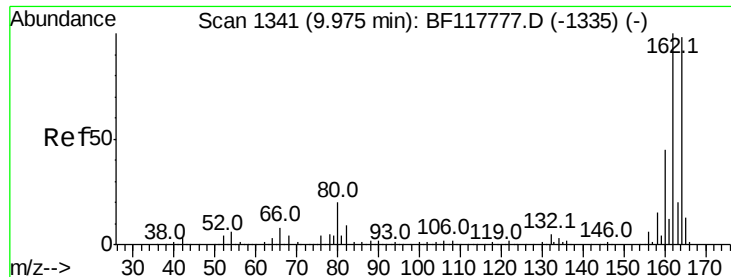
#25
Isophorone
Concen: 48.109 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion: 82 Resp: 1403594
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
2000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

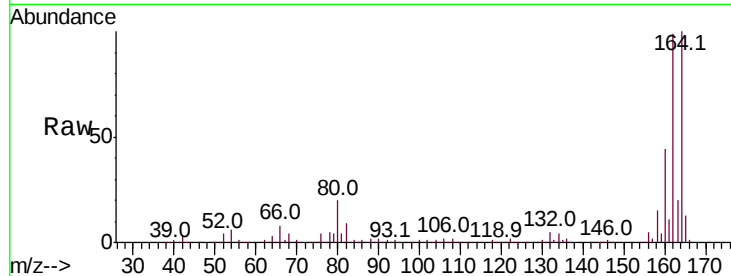




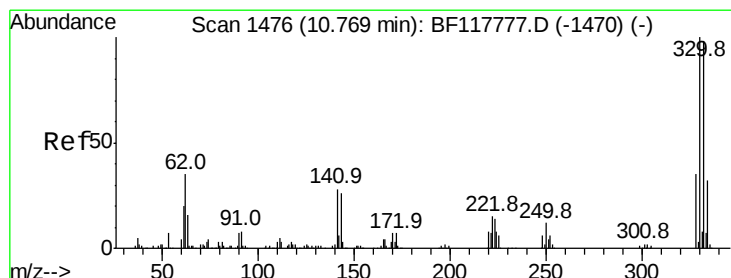
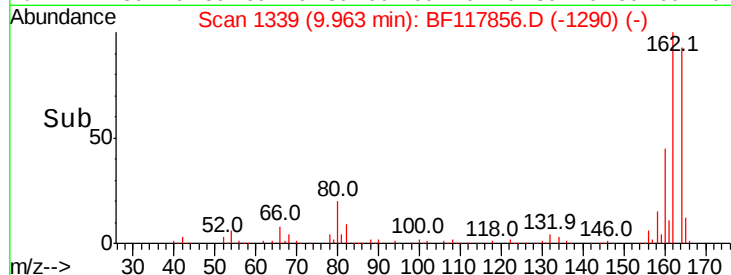
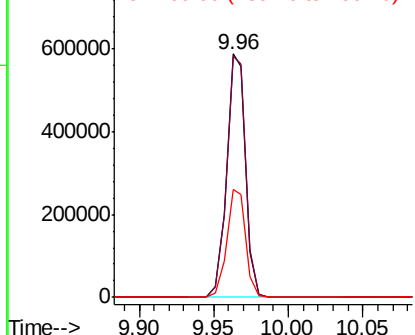
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 525842
Ion Ratio Lower Upper
164 100
162 98.8 81.3 121.9
160 44.4 36.6 55.0

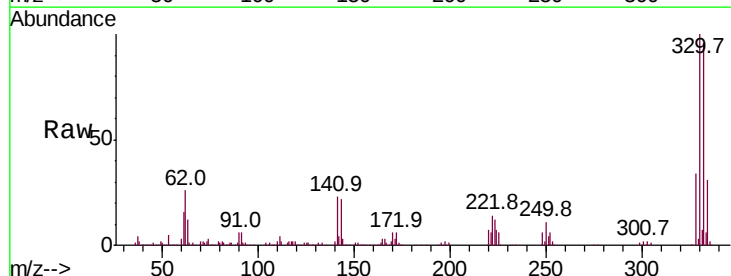


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

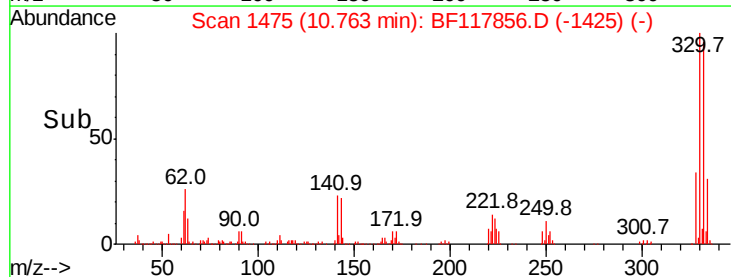
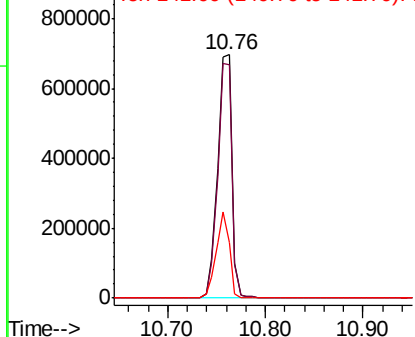


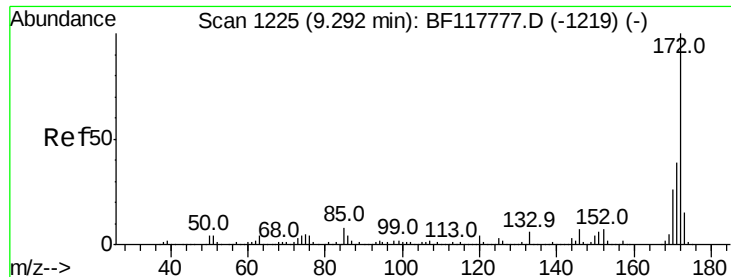
#42
2,4,6-Tribromophenol
Concen: 127.790 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:330 Resp: 711410
Ion Ratio Lower Upper
330 100
332 96.0 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

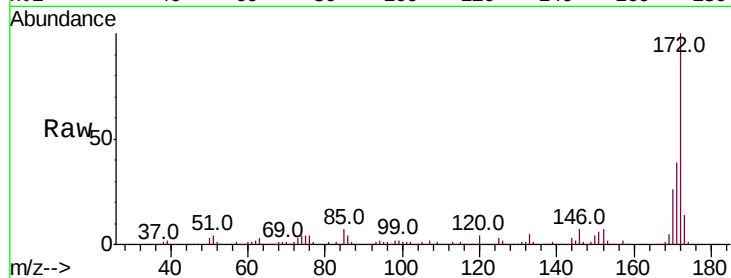




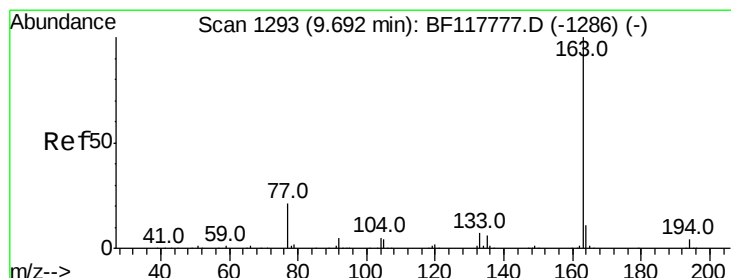
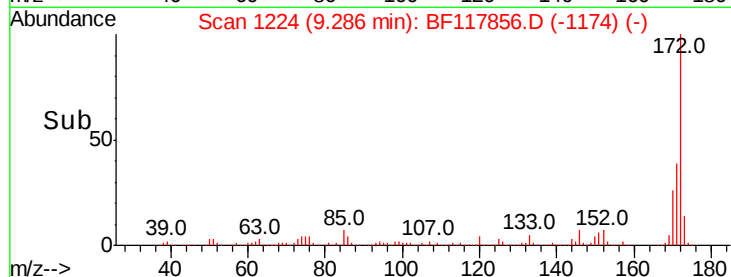
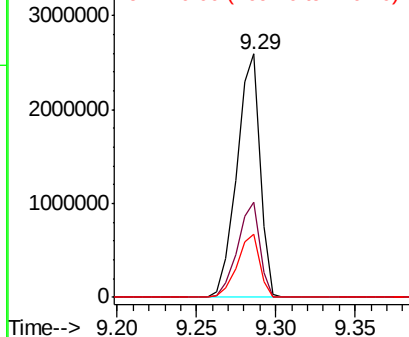
#45
2-Fluorobiphenyl
Concen: 89.516 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2623770
Ion Ratio Lower Upper
172 100
171 38.9 30.9 46.3
170 25.8 21.0 31.4

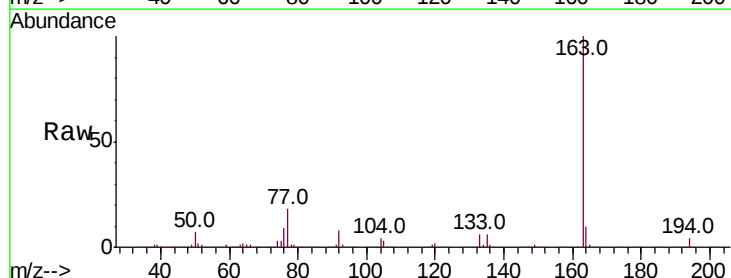


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

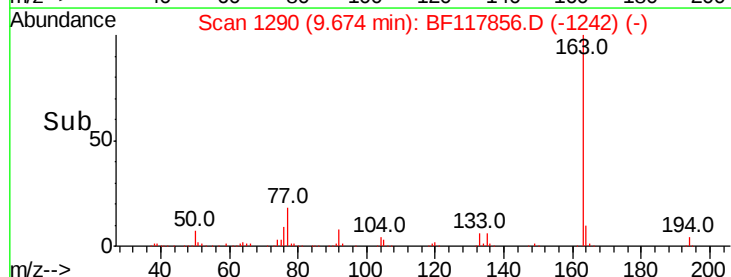
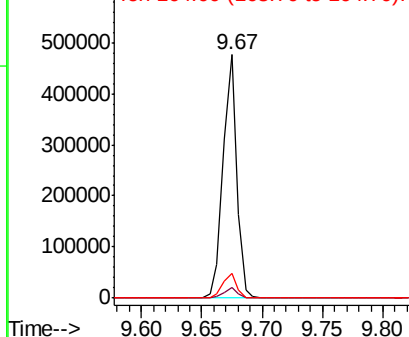


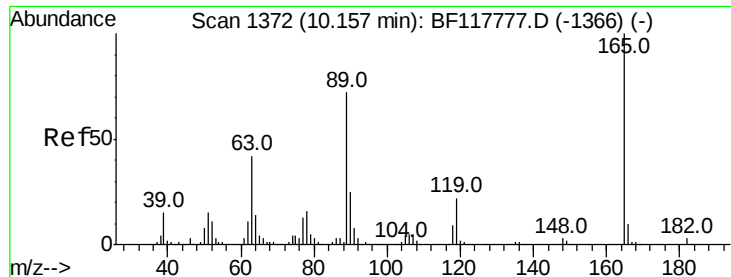
#50
Dimethylphthalate
Concen: 10.066 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:163 Resp: 371182
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 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

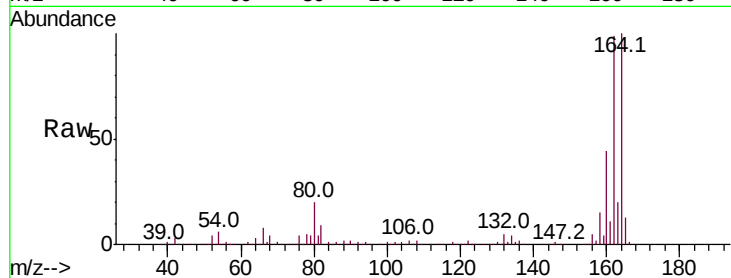




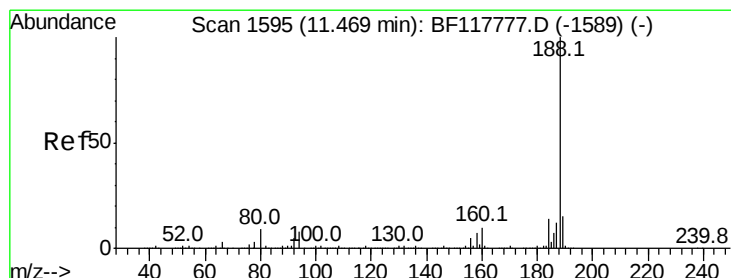
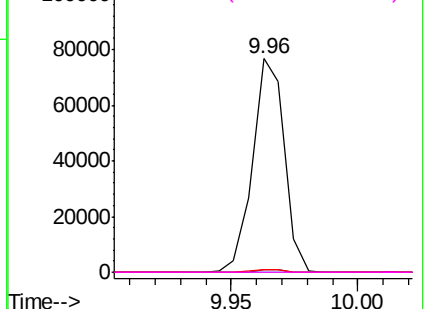
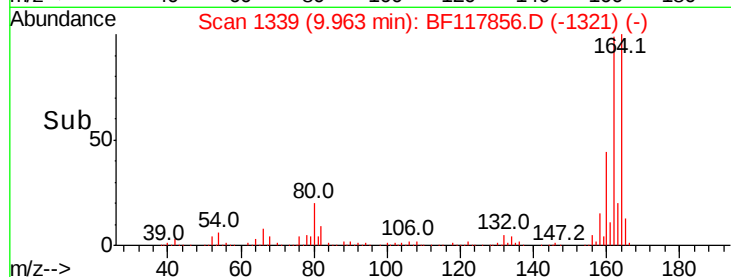
#57
 2,4-Dinitrotoluene
 Concen: 6.518 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 66815
 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#

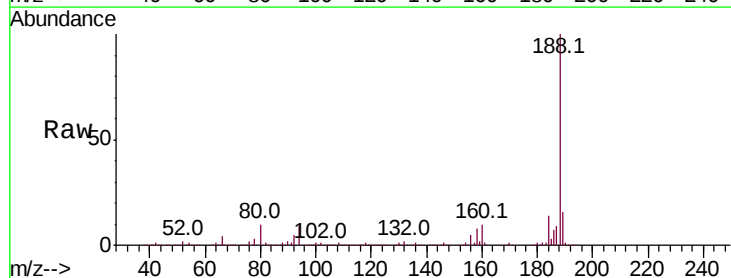


Abundance Ion 165.00 (164.70 to 165.70): E
 120000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

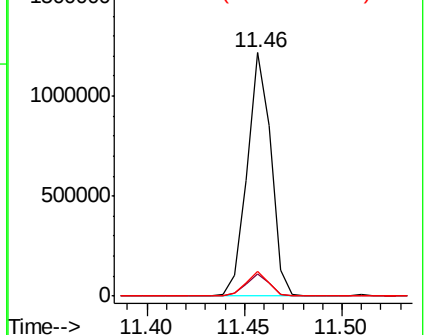
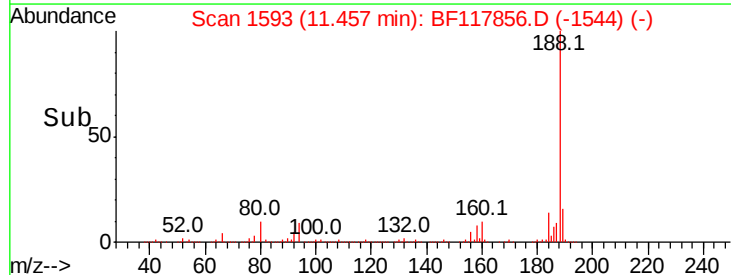


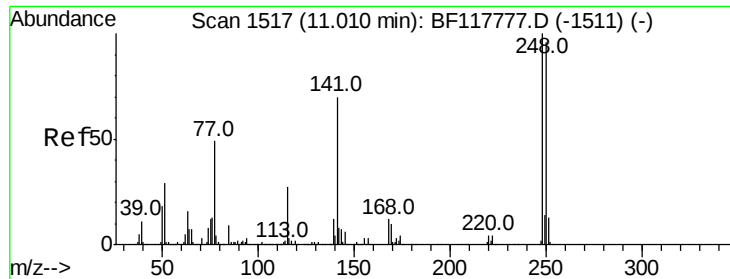
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

Tgt Ion:188 Resp: 1027754
 Ion Ratio Lower Upper
 188 100
 94 9.3 6.6 10.0
 80 9.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 1500000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

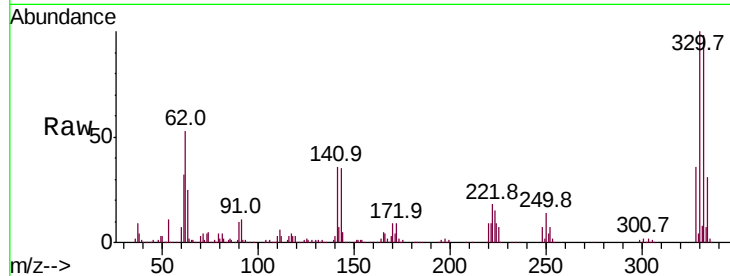




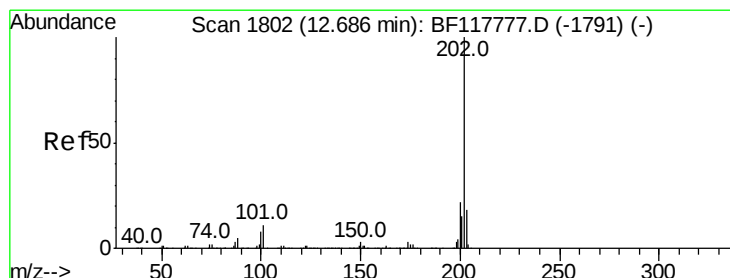
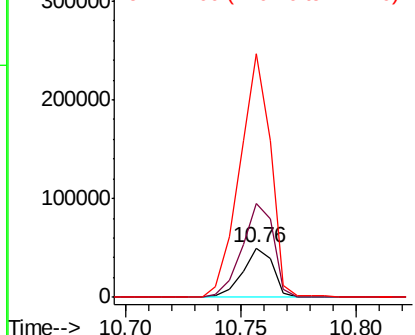
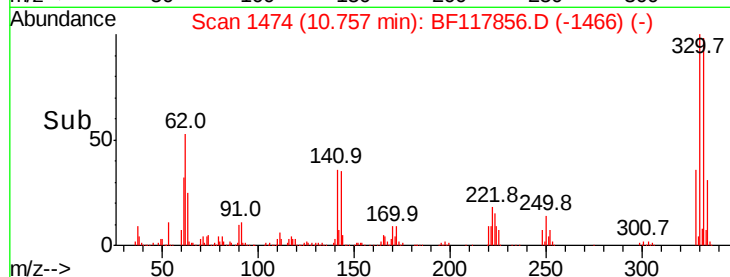
#67
4-Bromophenyl-phenylether
Concen: 4.162 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 46157
Ion Ratio Lower Upper
248 100
250 190.7 76.6 115.0#
141 495.8 55.9 83.9#

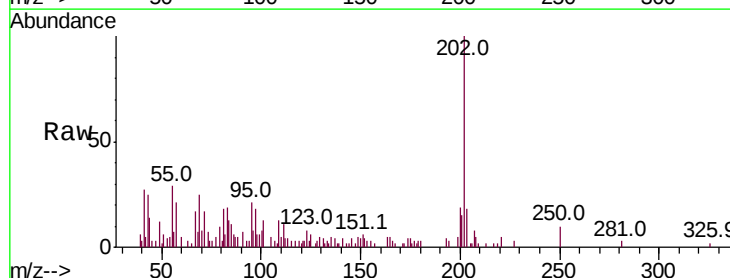


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

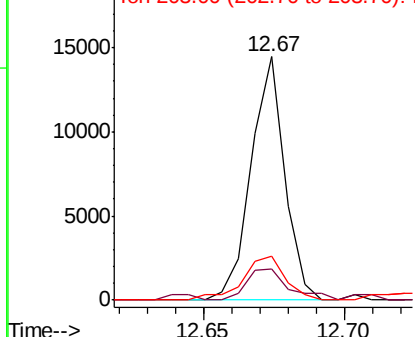
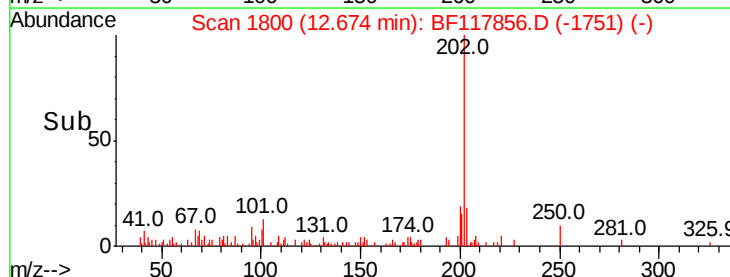


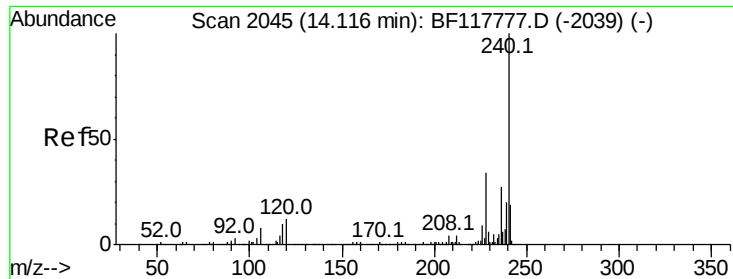
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:202 Resp: 11954
Ion Ratio Lower Upper
202 100
101 12.6 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

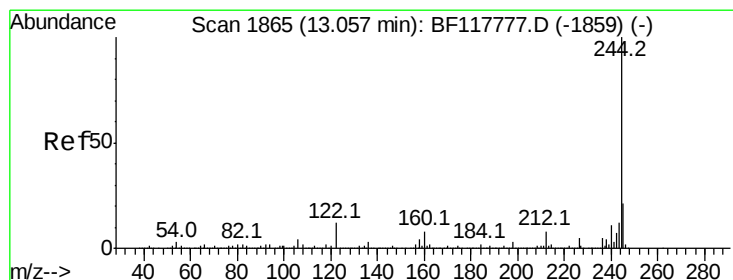
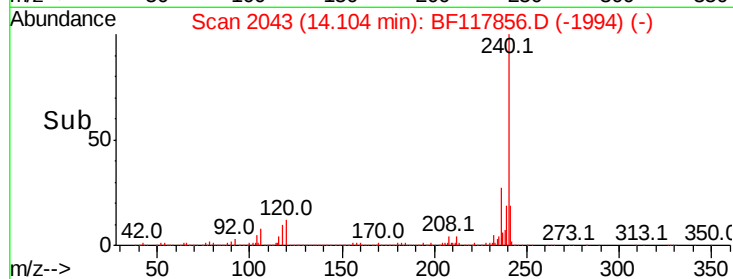
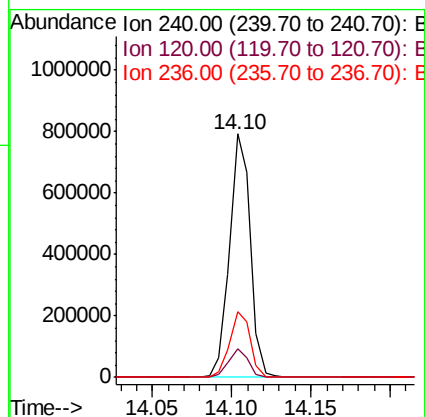
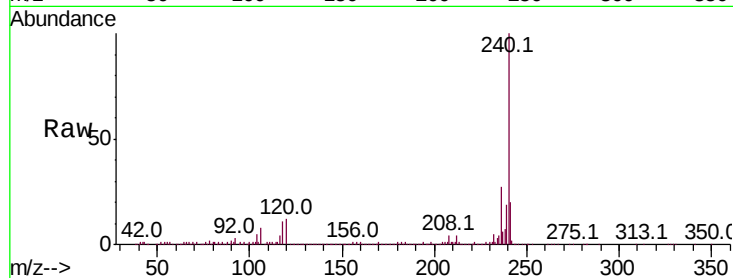




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

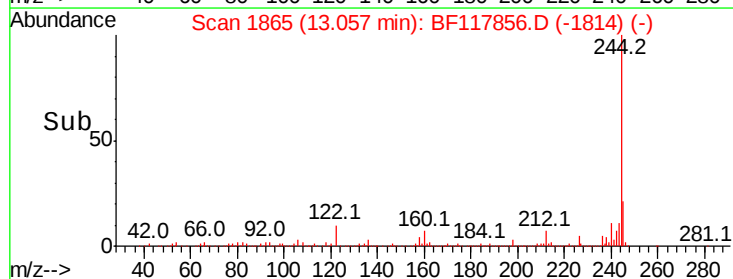
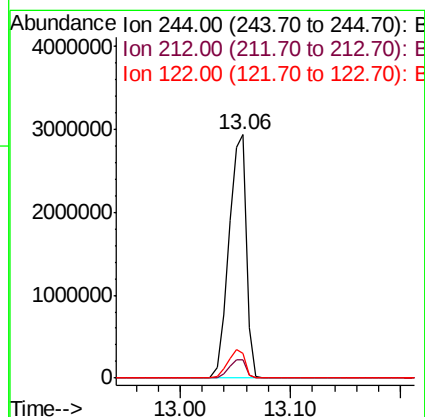
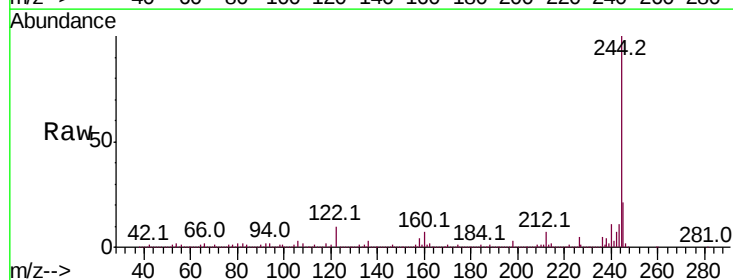
Instrument :
 BNA_F
 ClientSampleId :

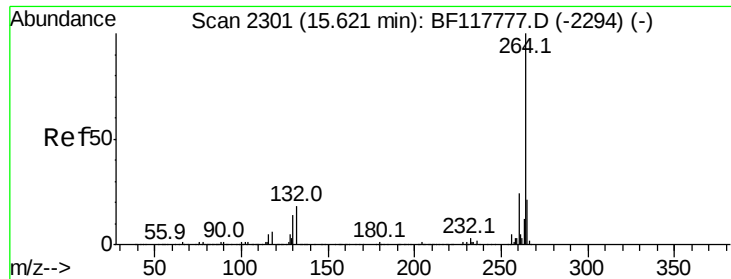
Tot Ion:240 Resp: 717819
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 82.428 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF117856.D
 Acq: 19 Nov 2019 13:48

Tgt Ion:244 Resp: 3237462
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 10.3 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: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 642214

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.2	17.1	25.7

