

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117859.D
 Acq On : 19 Nov 2019 15:09
 Operator : JU
 Sample : K5865-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:30:46 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

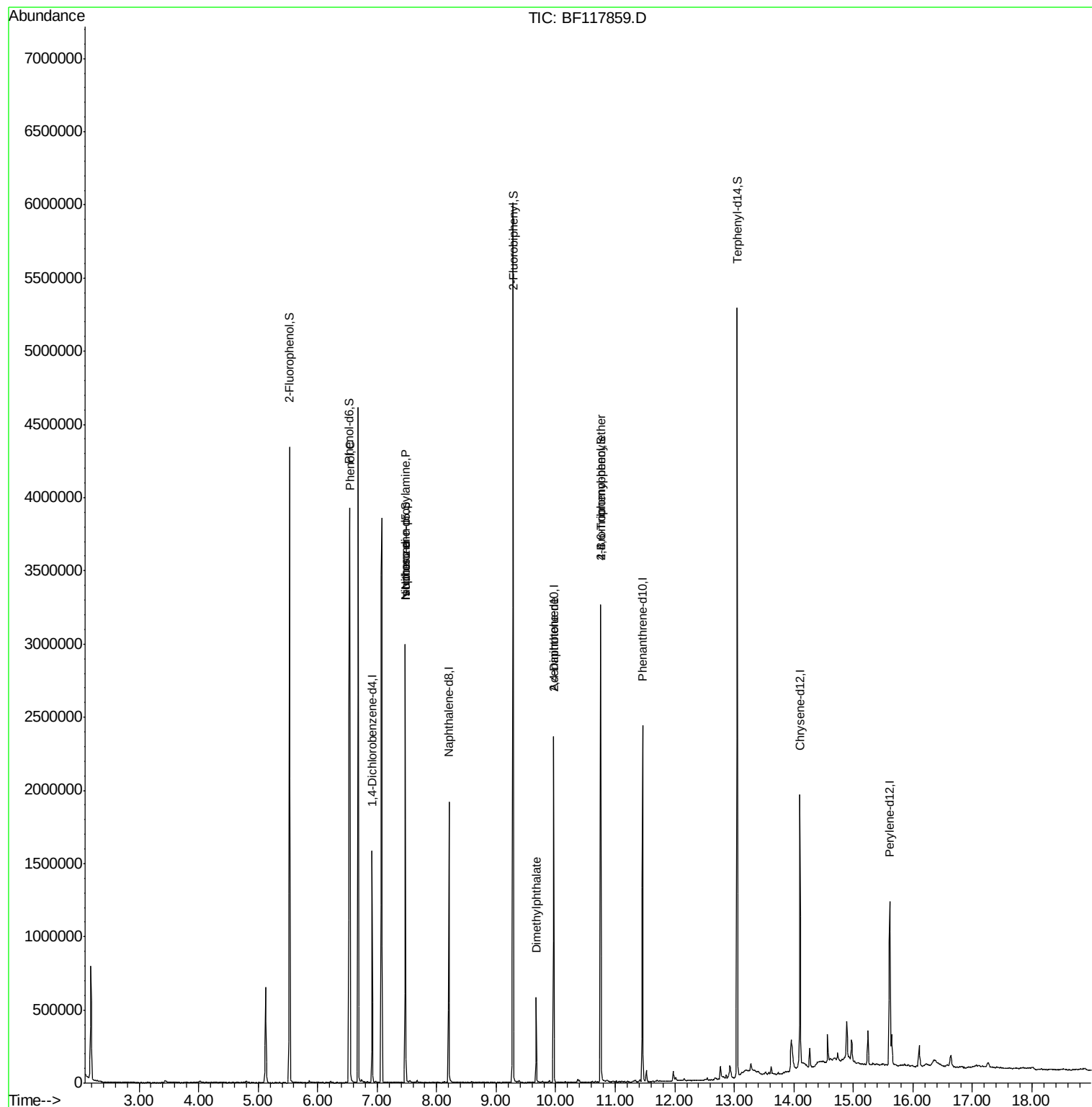
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	213392	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	853679	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	451987	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	835003	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	545041	20.00	ng	-0.01
87) Perylene-d12	15.61	264	532769	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1164776	96.62	ng	0.00
7) Phenol-d6	6.53	99	1510787	103.90	ng	-0.01
23) Nitrobenzene-d5	7.47	82	914931	63.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	393471	82.23	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1733764	68.82	ng	-0.01
79) Terphenyl-d14	13.05	244	1896916	63.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	3322	Below Cal		Qvalue
10) Phenol	6.55	94	112671	7.457 ng	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	123187	13.733 ng	#	98
25) Isophorone	7.47	82	909654	34.560 ng	#	77
50) Dimethylphthalate	9.67	163	238782	7.534 ng	#	62
57) 2,4-Dinitrotoluene	9.96	165	58663	6.657 ng	#	97
67) 4-Bromophenyl-phenylether	10.76	248	25876	2.872 ng	#	24
75) Fluoranthene	12.67	202	2733	Below Cal		# 1

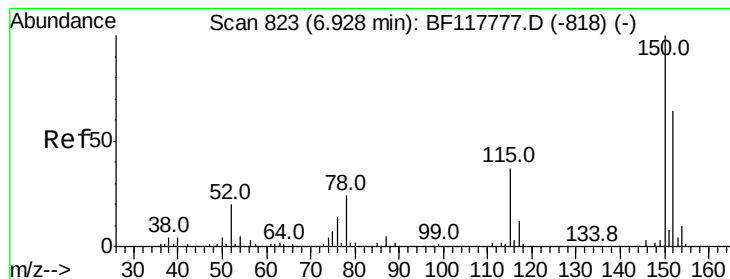
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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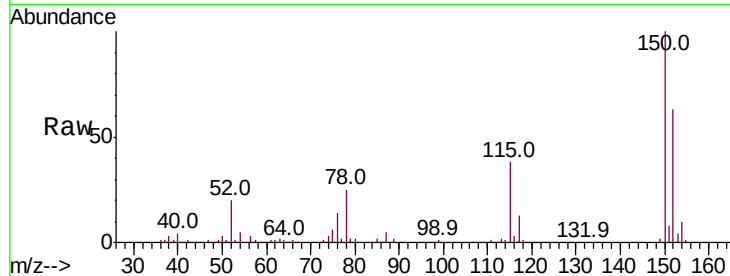


#1

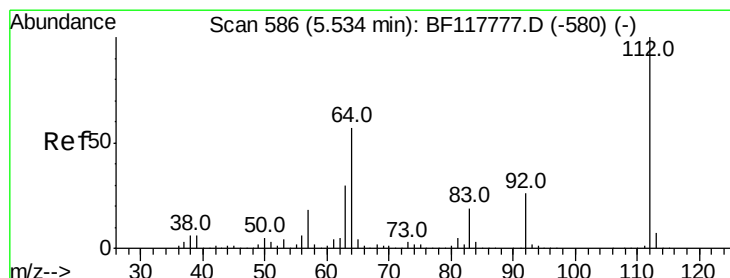
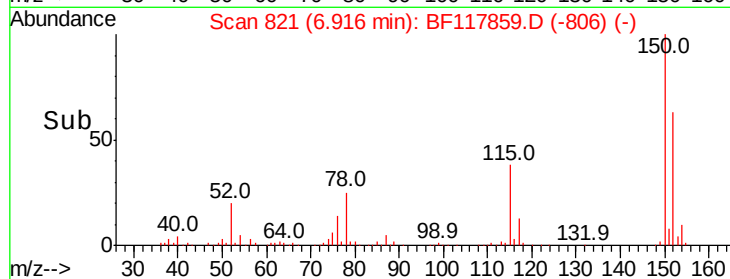
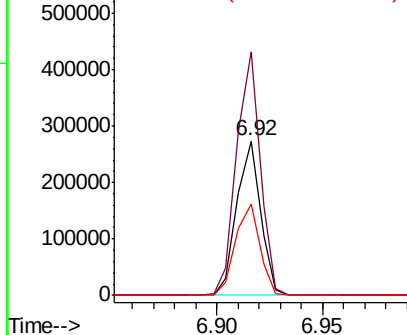
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 213392
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 59.5 47.0 70.4



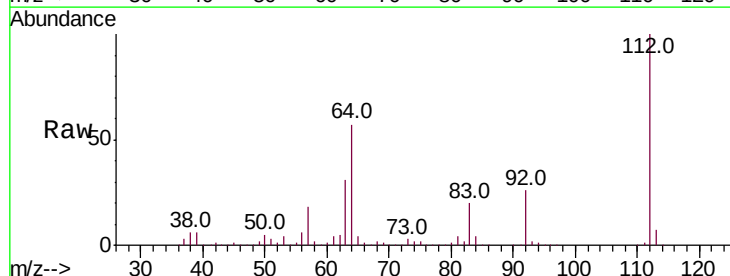
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



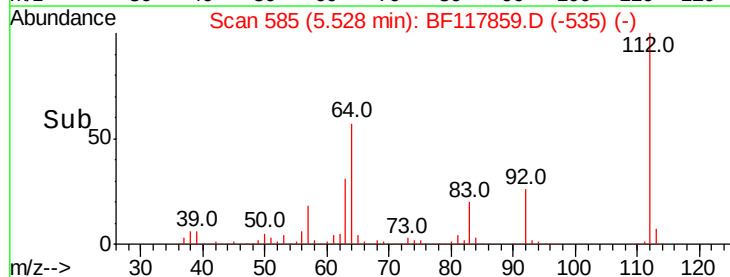
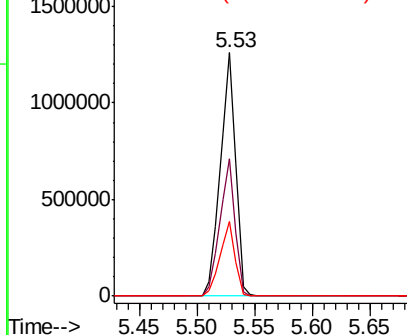
#5

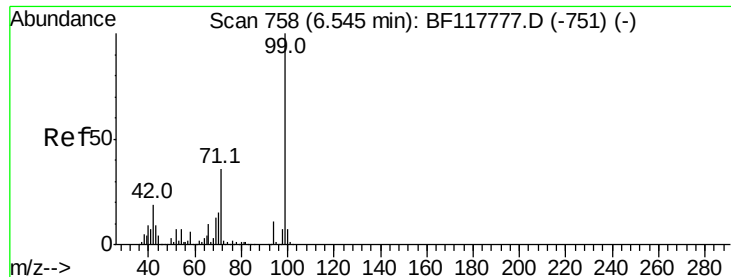
2-Fluorophenol
Concen: 96.619 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion:112 Resp: 1164776
Ion Ratio Lower Upper
112 100
64 56.7 45.6 68.4
63 30.5 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: 103.901 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

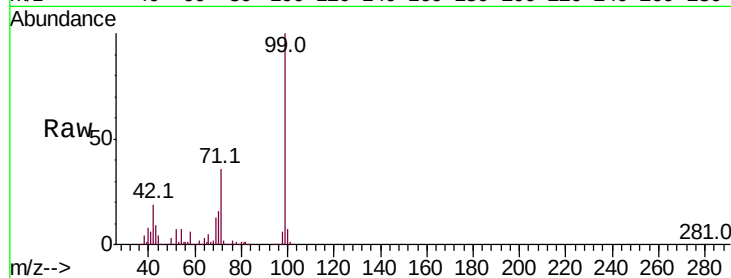
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1510787

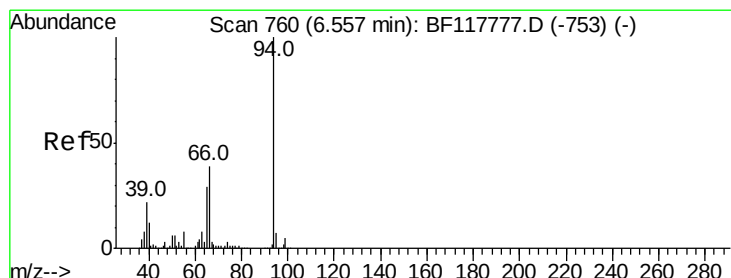
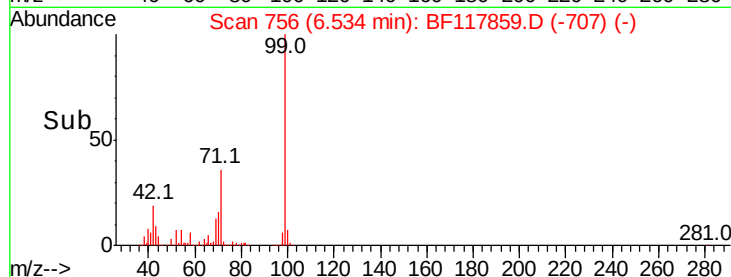
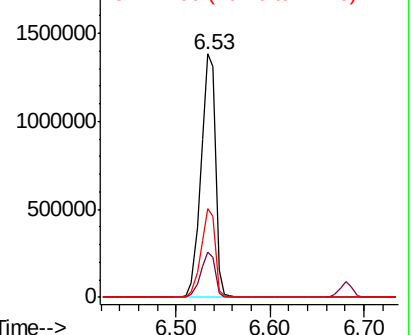
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	36.2	28.6	43.0



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: 7.457 ng

RT: 6.55 min Scan# 758

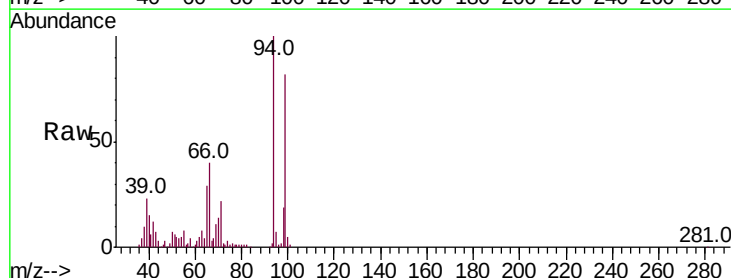
Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

Tgt Ion: 94 Resp: 112671

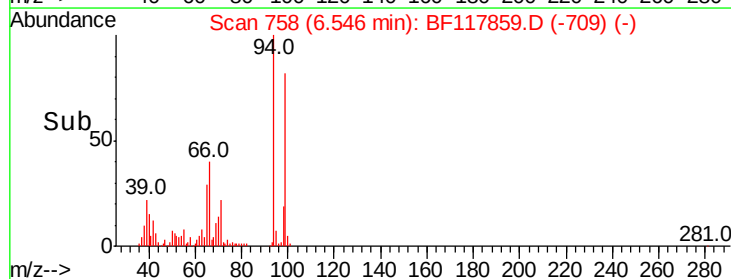
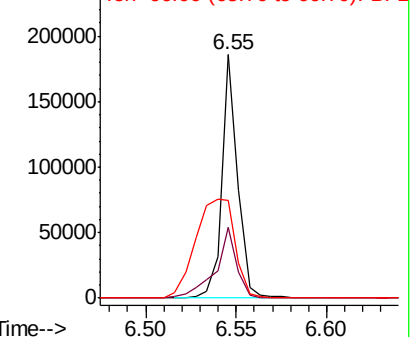
Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.9	48.9
66	40.2	18.7	58.7

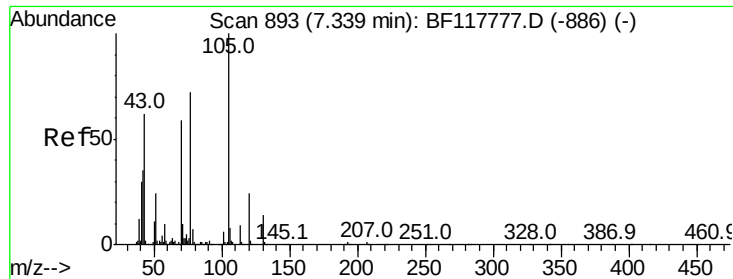


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

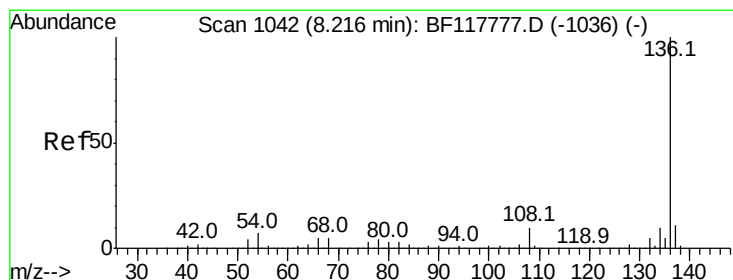
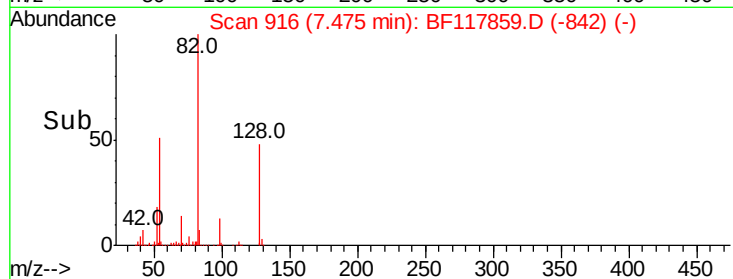
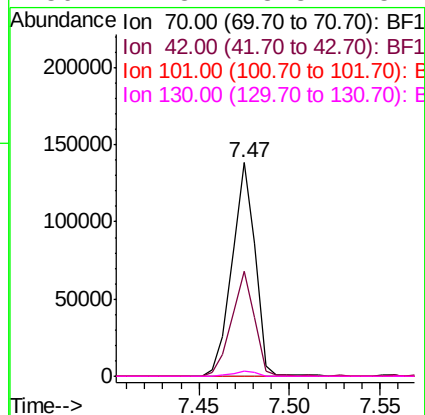
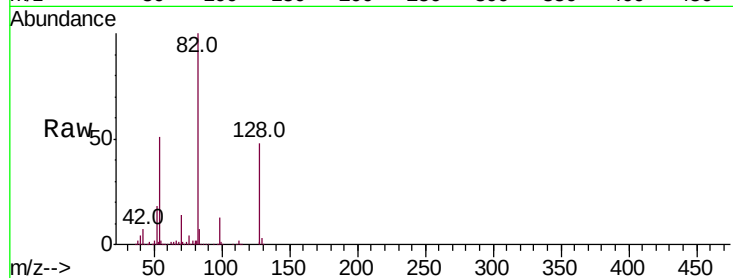




#19
n-Nitroso-di-n-propylamine
Concen: 13.733 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

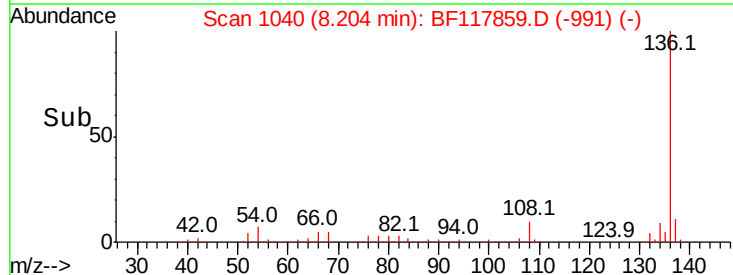
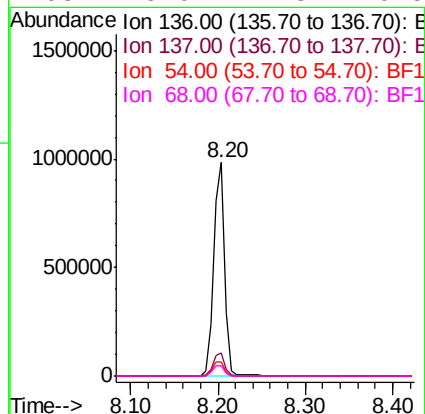
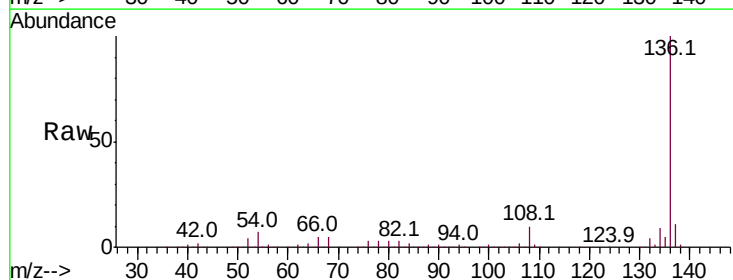
Instrument :
BNA_F
ClientSampleId :

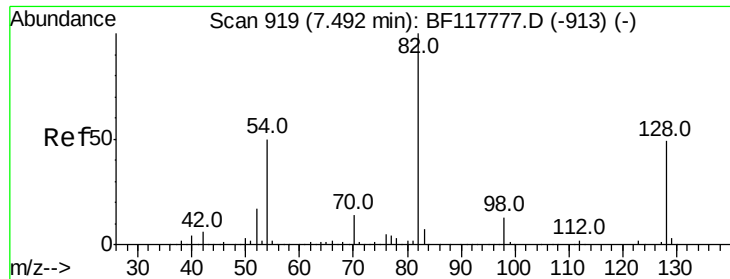
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	5.4	8.2
68	5.0	4.3	6.5





#23

Nitrobenzene-d5

Concen: 63.711 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

Instrument :

BNA_F

ClientSampleId :

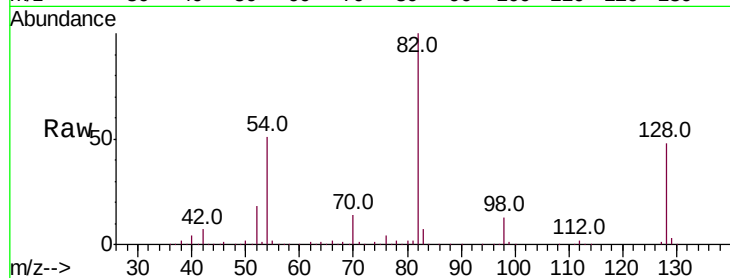
Tot Ion: 82 Resp: 914931

Ion Ratio Lower Upper

82 100

128 47.7 38.9 58.3

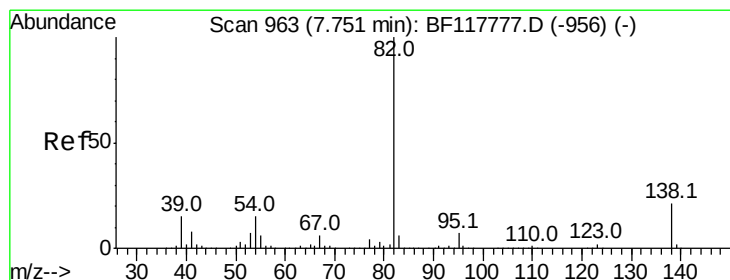
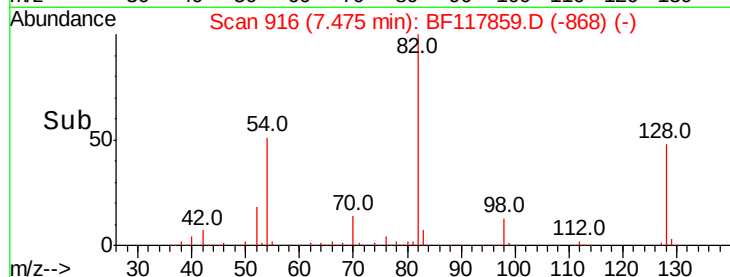
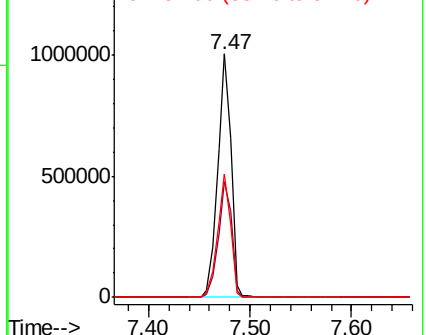
54 50.6 39.8 59.6



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: 34.560 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

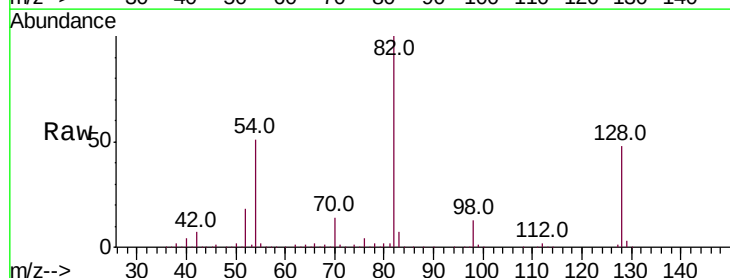
Tgt Ion: 82 Resp: 909654

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

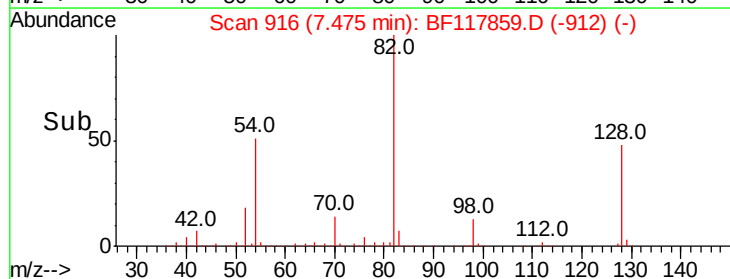
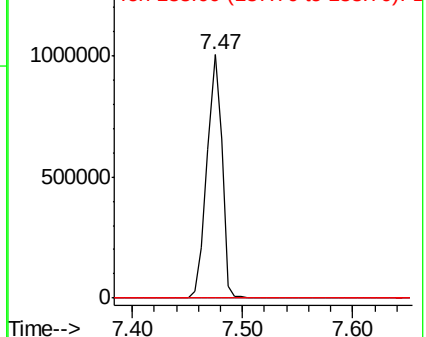
138 0.0 16.5 24.7#

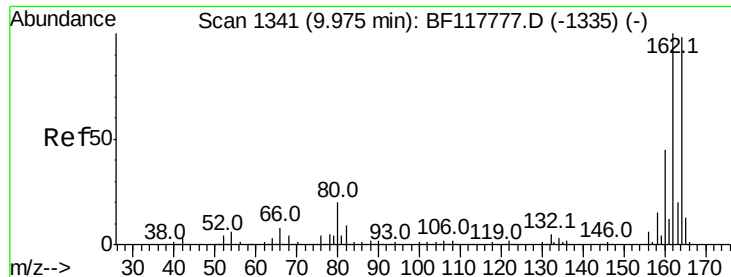


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

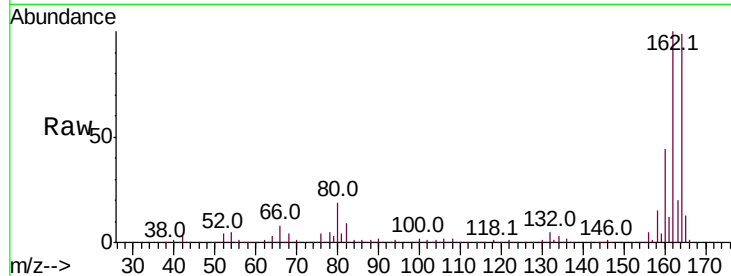




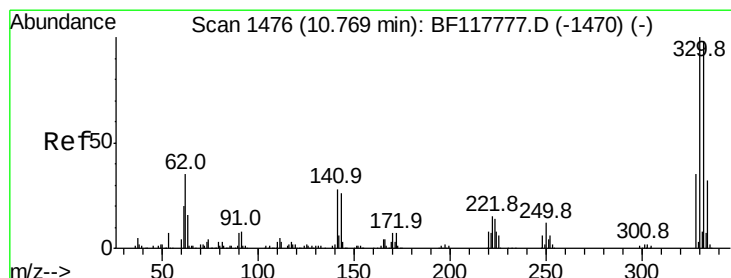
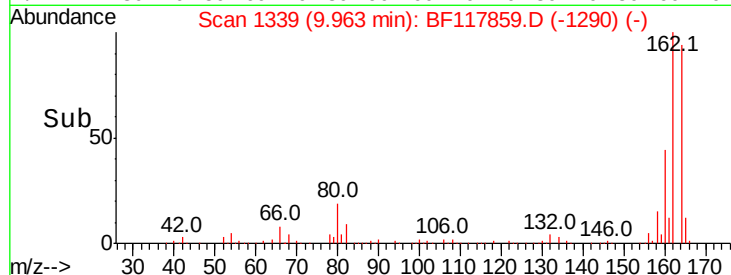
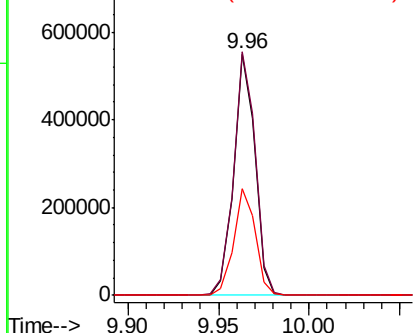
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.2	36.6	55.0

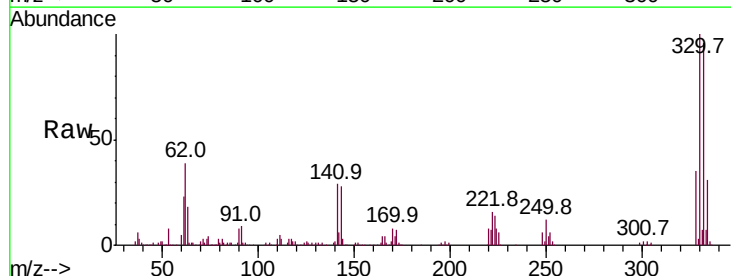


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

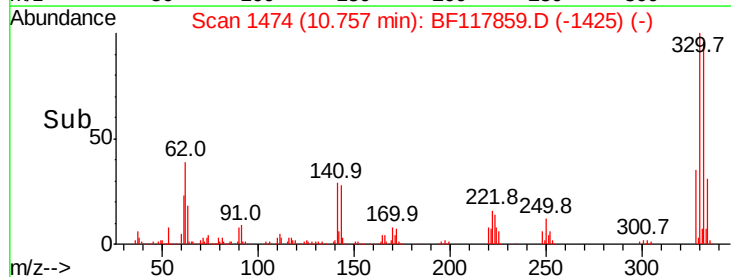
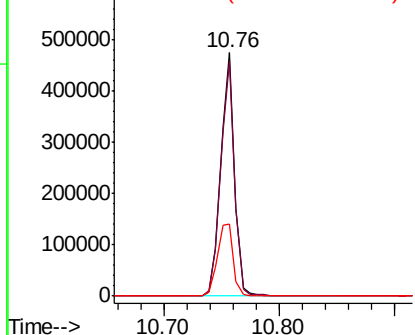


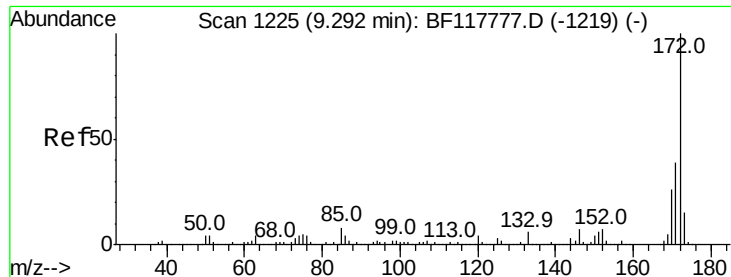
#42
2,4,6-Tribromophenol
Concen: 82.228 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	34.0	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



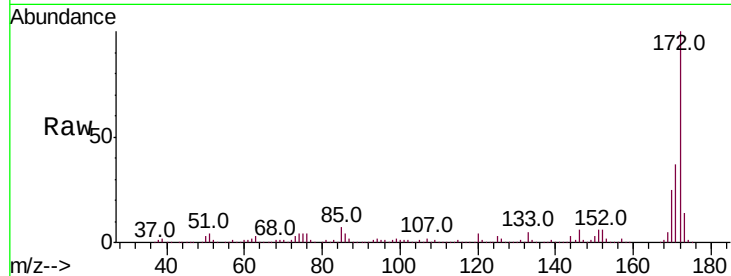


#45
 2-Fluorobiphenyl
 Concen: 68.817 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

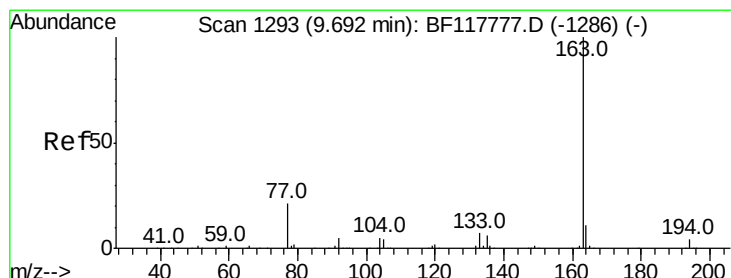
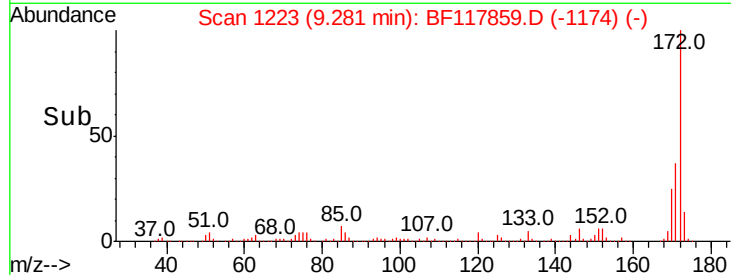
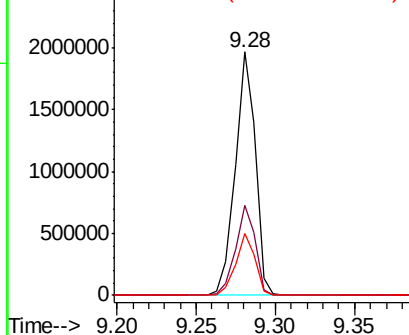
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1733764

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.9	46.3
170	25.2	21.0	31.4



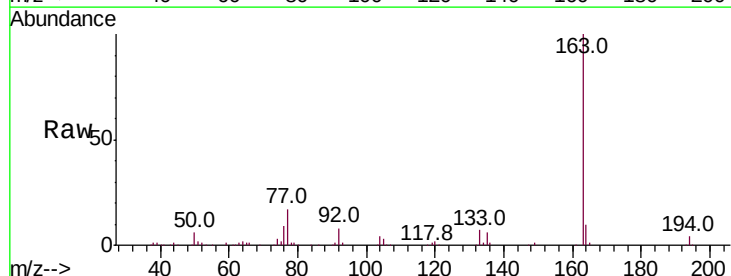
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



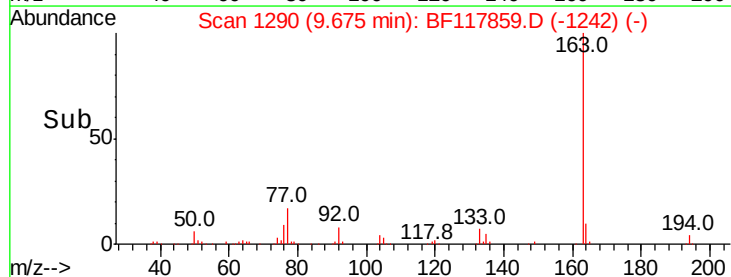
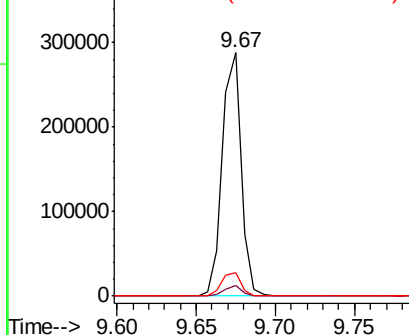
#50
 Dimethylphthalate
 Concen: 7.534 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

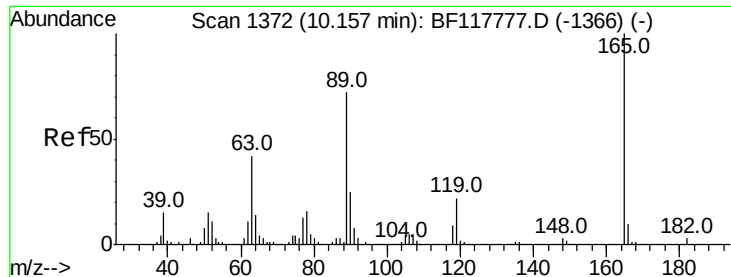
Tgt Ion:163 Resp: 238782

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.5	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

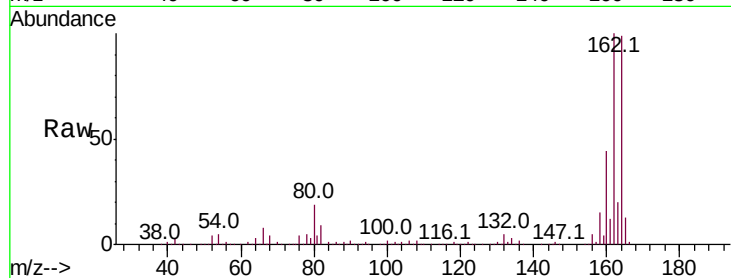




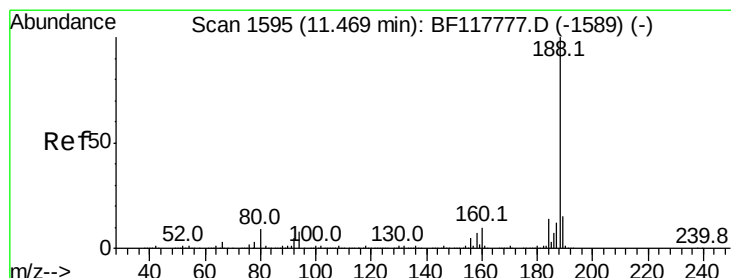
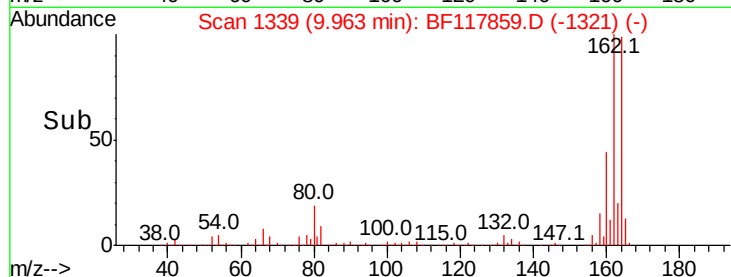
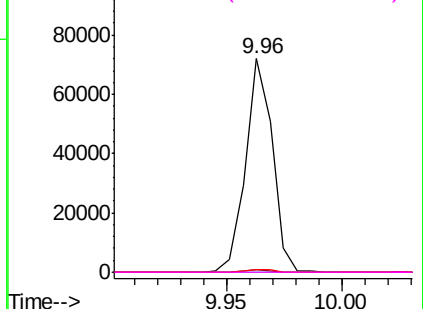
#57
 2,4-Dinitrotoluene
 Concen: 6.657 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

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#

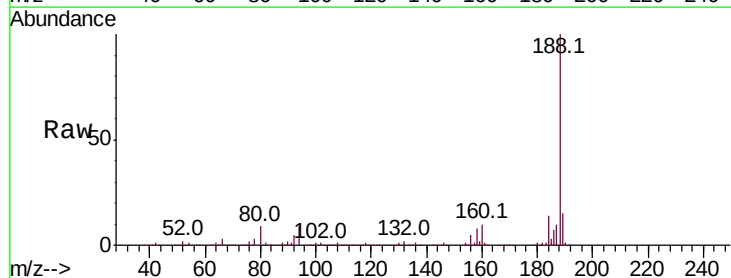


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

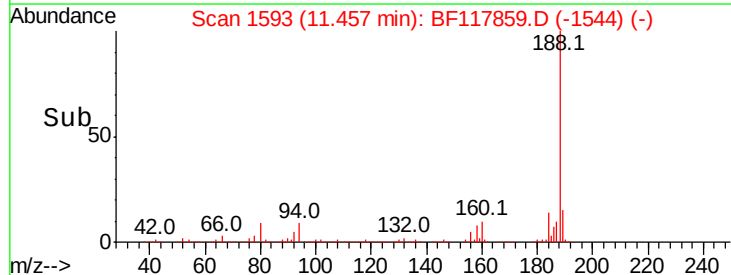
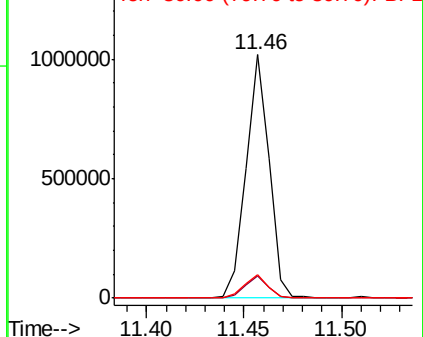


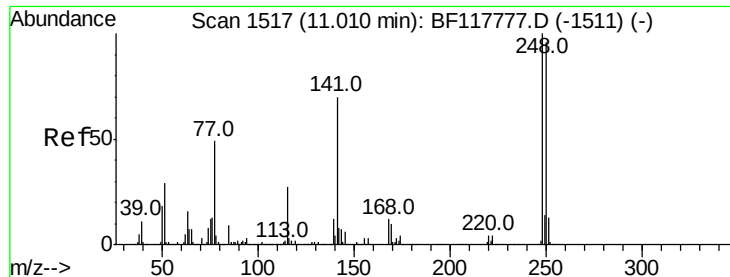
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117859.D
 Acq: 19 Nov 2019 15:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.4	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

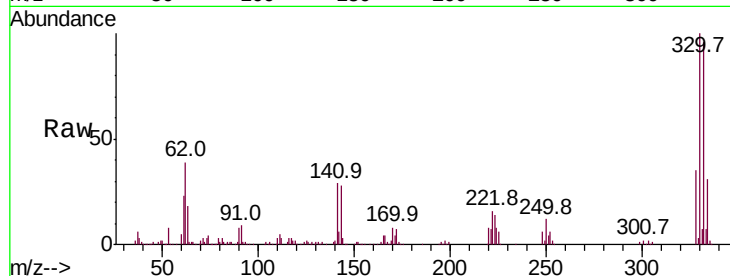




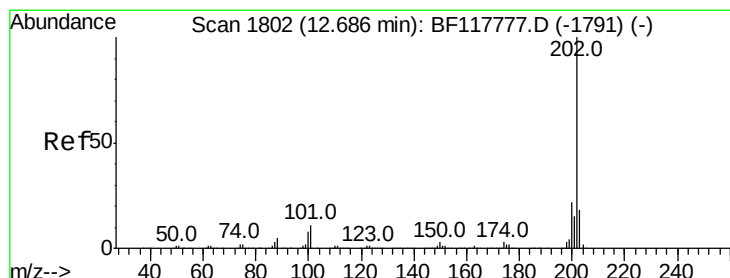
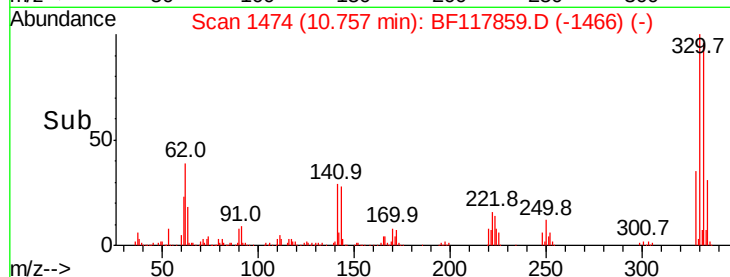
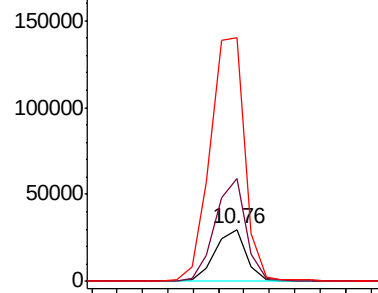
#67
4-Bromophenyl-phenylether
Concen: 2.872 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25876
Ion Ratio Lower Upper
248 100
250 198.4 76.6 115.0#
141 468.7 55.9 83.9#

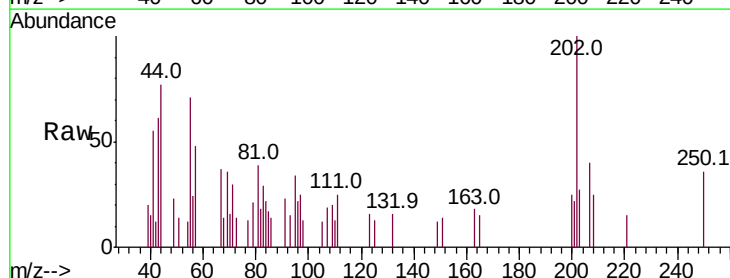


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

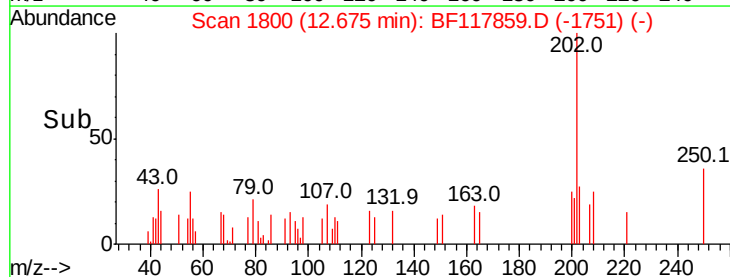
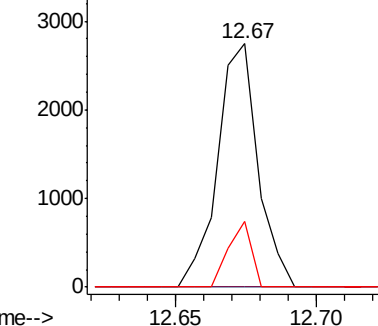


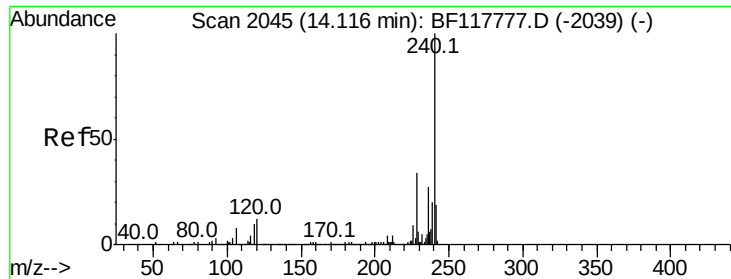
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117859.D
Acq: 19 Nov 2019 15:09

Tgt Ion:202 Resp: 2733
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 26.8 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: BF117859.D

Acq: 19 Nov 2019 15:09

Instrument :

BNA_F

ClientSampleId :

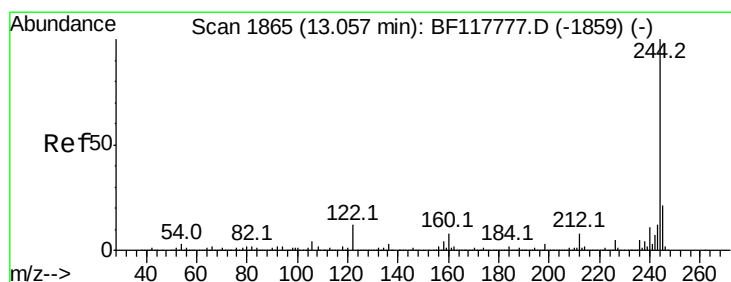
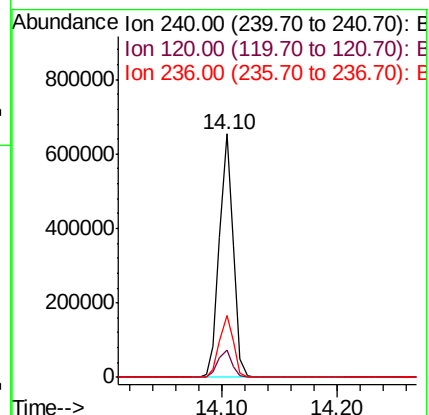
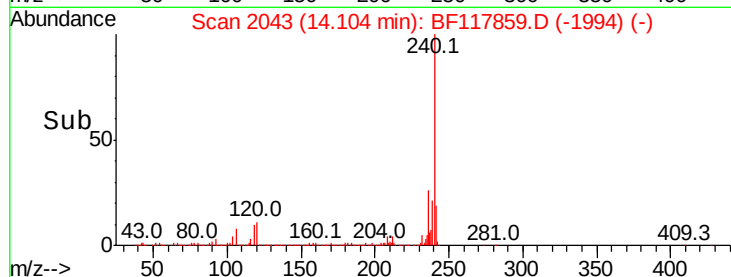
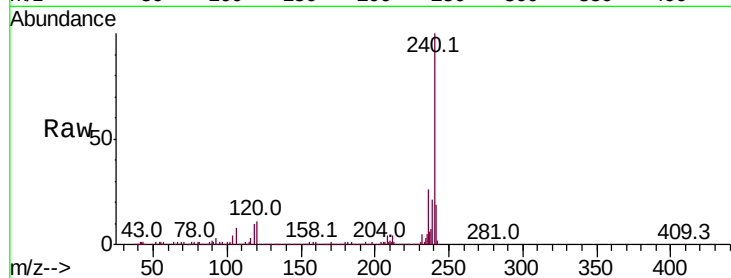
Tot Ion:240 Resp: 545041

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

236 25.6 21.3 31.9



#79

Terphenyl-d14

Concen: 63.607 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117859.D

Acq: 19 Nov 2019 15:09

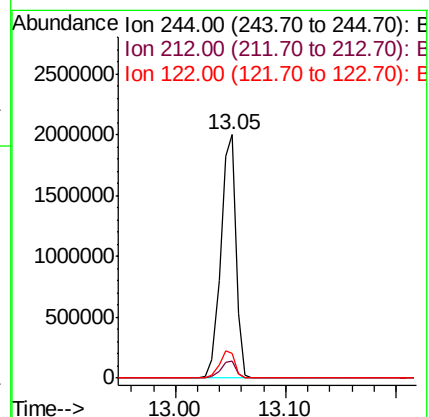
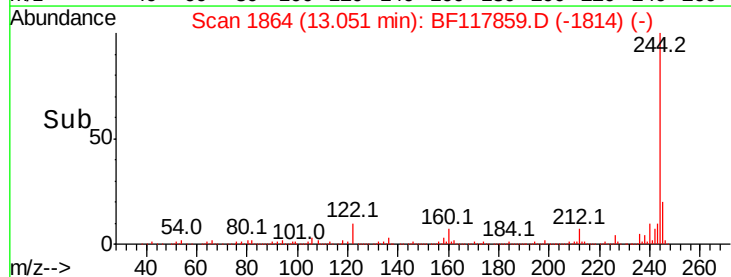
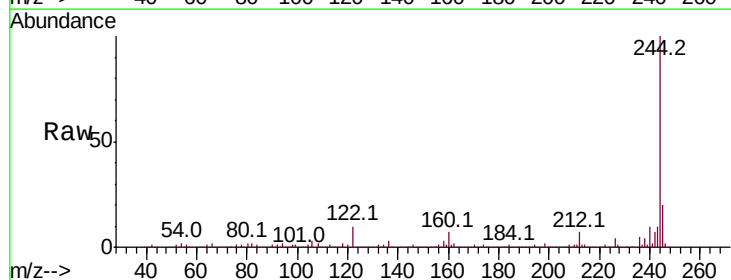
Tgt Ion:244 Resp: 1896916

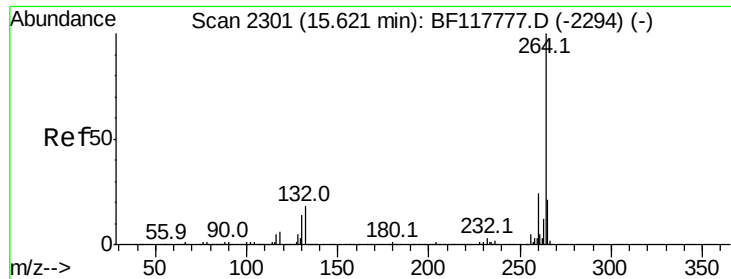
Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

122 10.1 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: BF117859.D
Acq: 19 Nov 2019 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.6	17.1	25.7

