

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117904.D
 Acq On : 21 Nov 2019 11:39
 Operator : JU
 Sample : K5927-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Quant Time: Nov 21 15:16:15 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

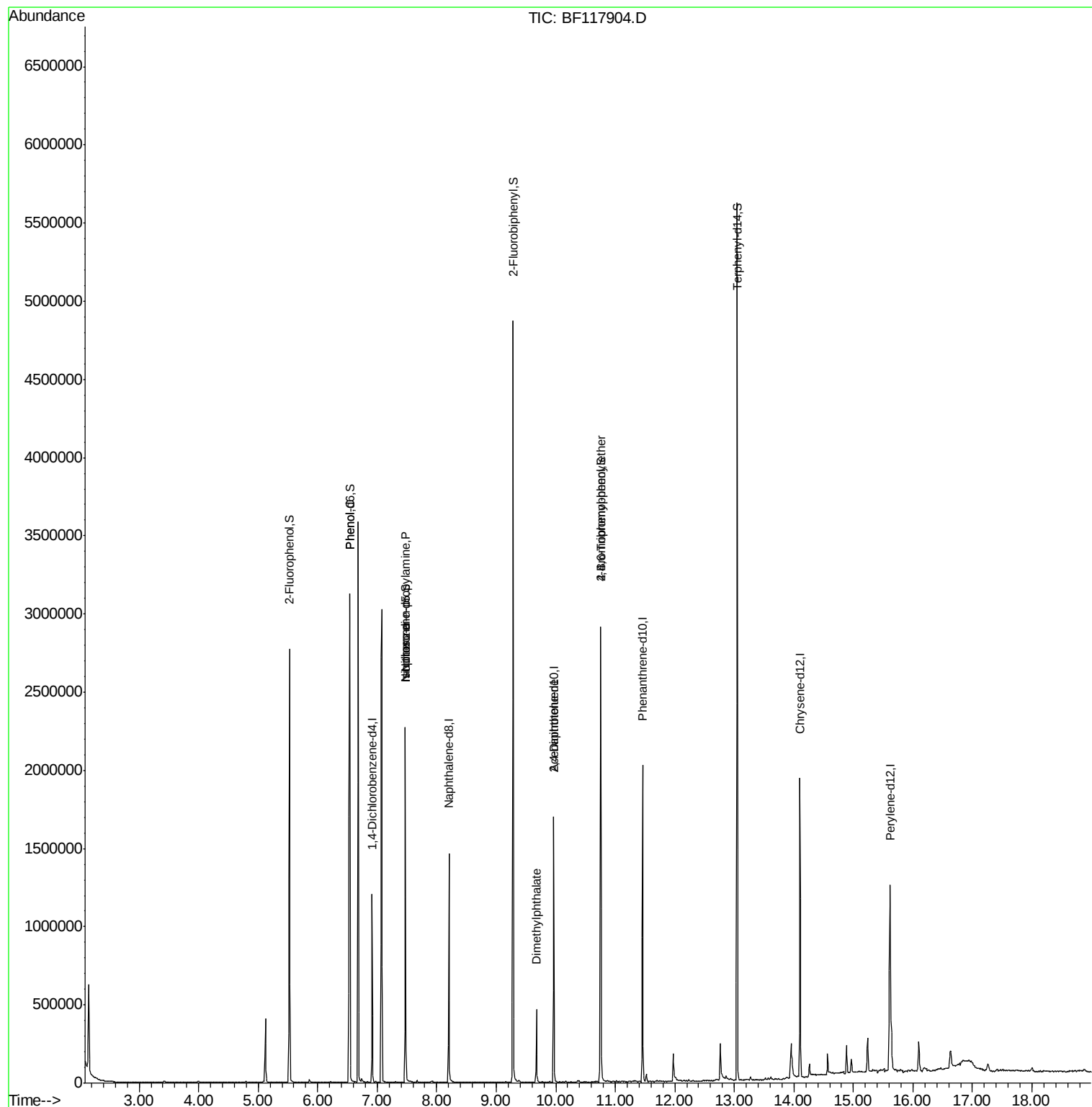
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	159246	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	639497	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	351779	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	698744	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	581618	20.00	ng	-0.01
87) Perylene-d12	15.62	264	567101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	796543	88.54	ng	0.00
7) Phenol-d6	6.54	99	1135385	104.63	ng	0.00
23) Nitrobenzene-d5	7.47	82	701441	65.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	339455	91.15	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1433189	73.09	ng	-0.01
79) Terphenyl-d14	13.05	244	1960595	61.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	2245	Below Cal		Qvalue
10) Phenol	6.55	94	28238	2.504 ng	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	95576	14.277 ng	#	83
25) Isophorone	7.47	82	699035	35.453 ng	#	77
50) Dimethylphthalate	9.67	163	190116	7.707 ng	#	62
57) 2,4-Dinitrotoluene	9.96	165	46754	6.817 ng	#	98
67) 4-Bromophenyl-phenylether	10.76	248	22075	2.928 ng	#	25
75) Fluoranthene	12.67	202	1243	Below Cal		# 1
						63

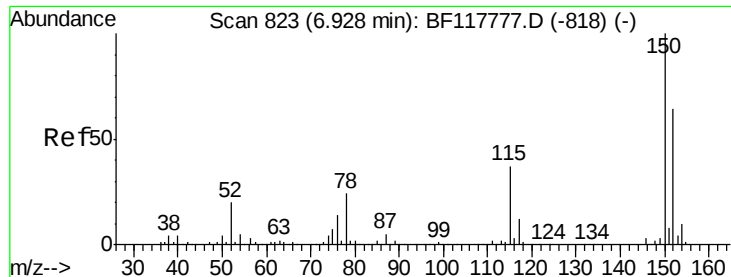
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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BNA_F
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Quant Time: Nov 21 15:16:15 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



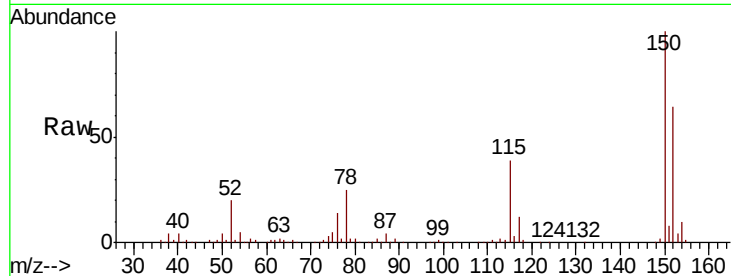


#1

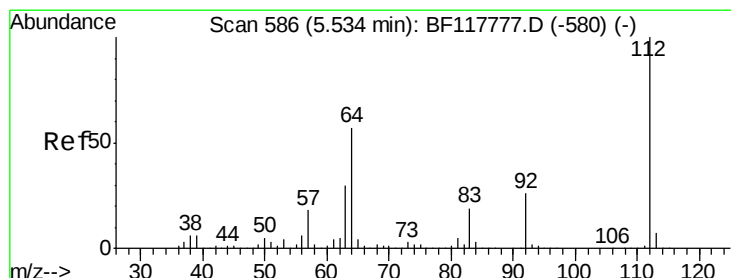
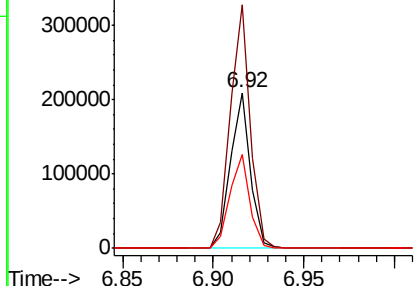
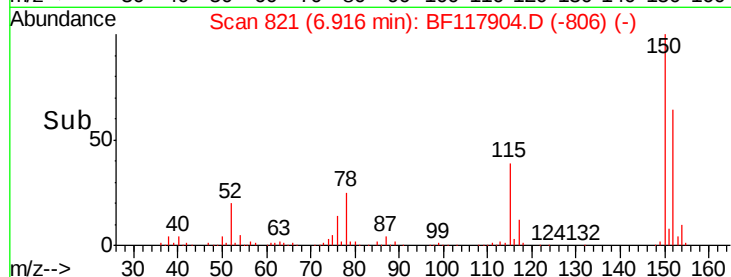
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion:152 Resp: 159246
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 60.5 47.0 70.4



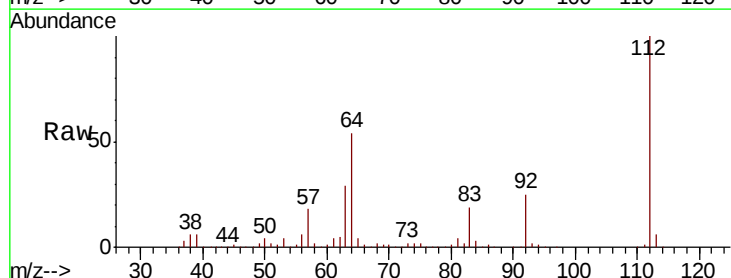
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



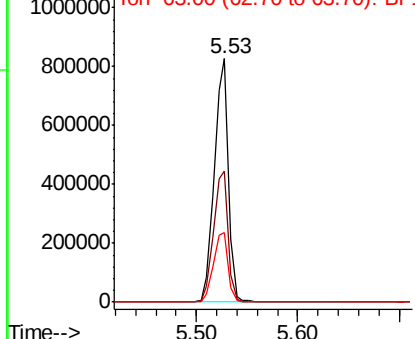
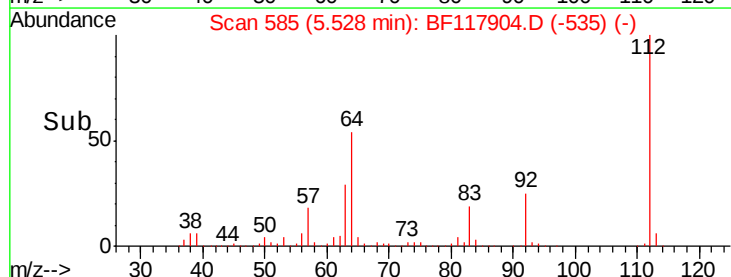
#5

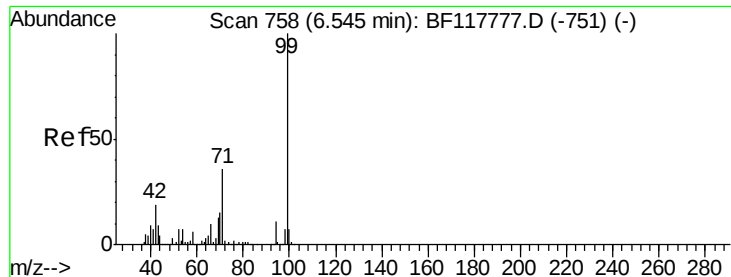
2-Fluorophenol
Concen: 88.540 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:112 Resp: 796543
Ion Ratio Lower Upper
112 100
64 53.9 45.6 68.4
63 28.8 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: 104.633 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

Instrument :

BNA_F

ClientSampleId :

B-1

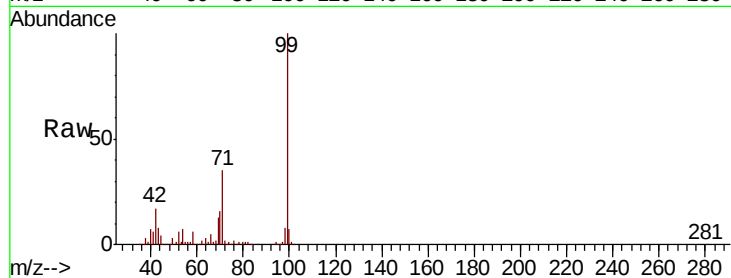
Tot Ion: 99 Resp: 1135385

Ion Ratio Lower Upper

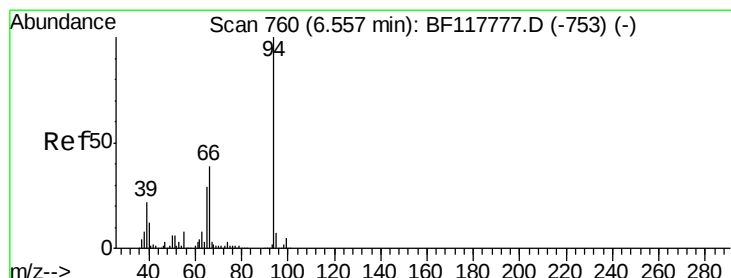
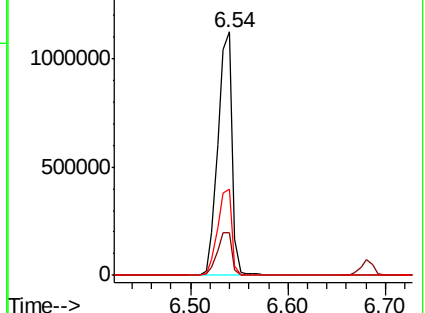
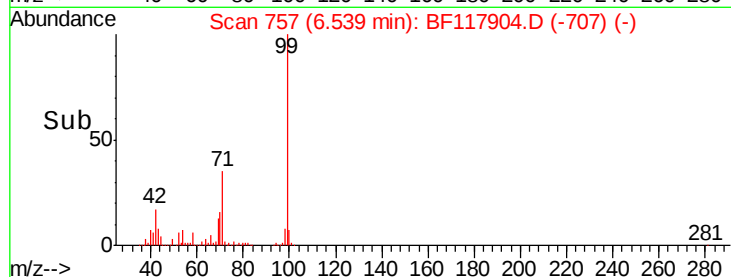
99 100

42 17.3 14.9 22.3

71 35.3 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: 2.504 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

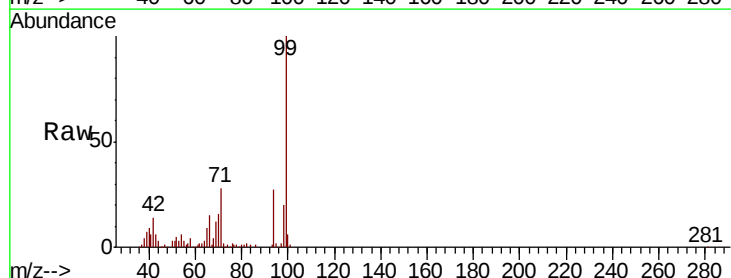
Tgt Ion: 94 Resp: 28238

Ion Ratio Lower Upper

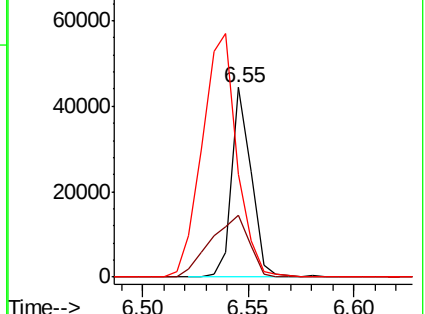
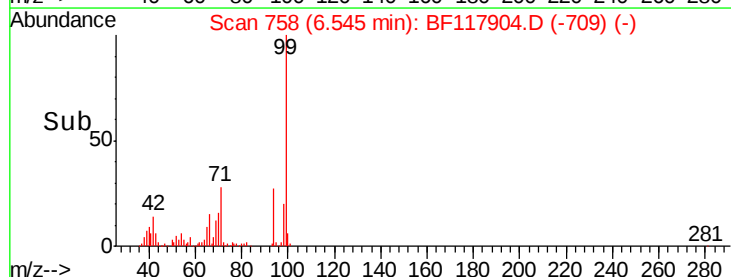
94 100

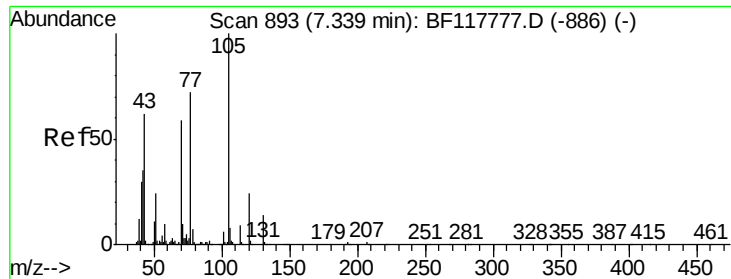
65 32.4 8.9 48.9

66 54.1 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

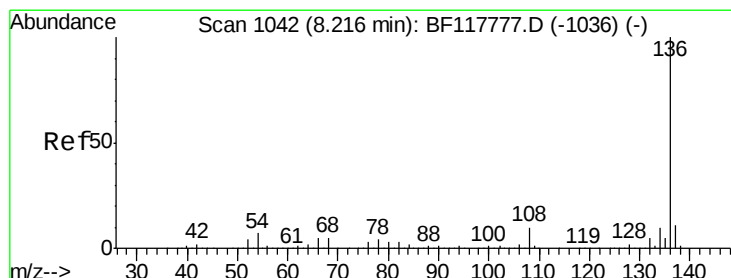
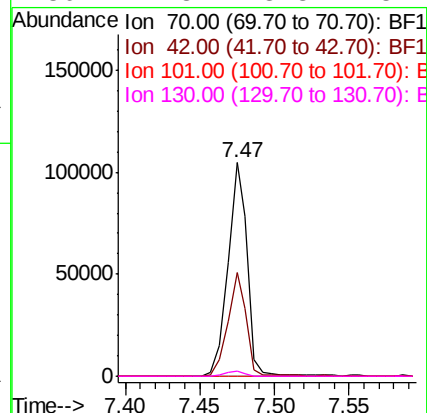
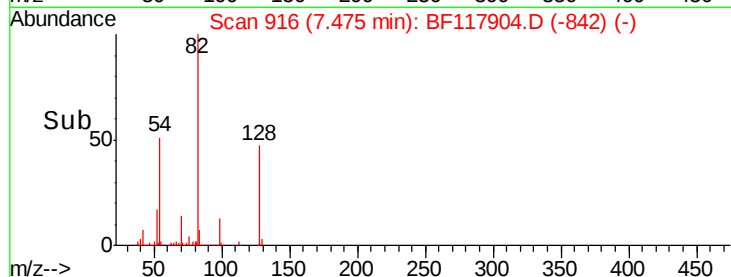
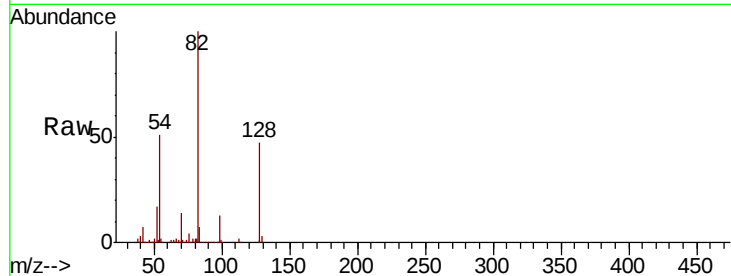




#19
n-Nitroso-di-n-propylamine
Concen: 14.277 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

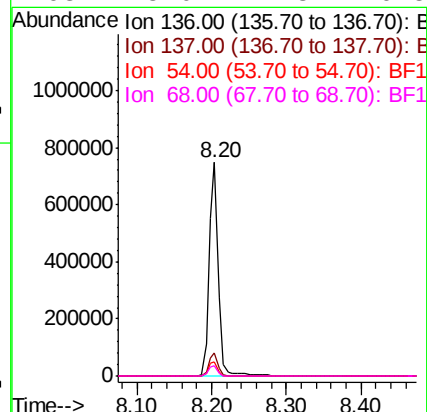
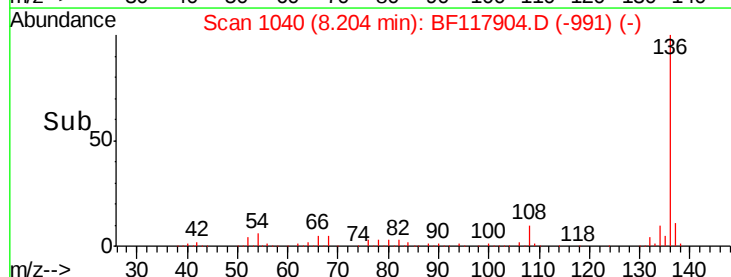
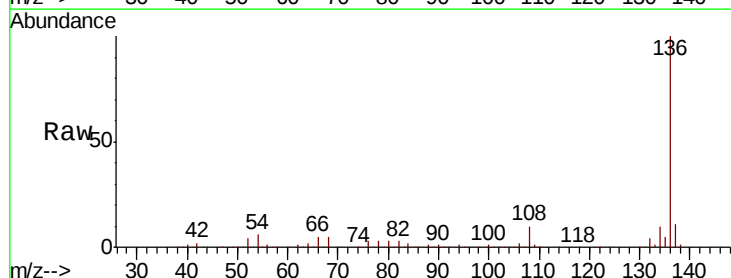
Instrument :
BNA_F
ClientSampleId :
B-1

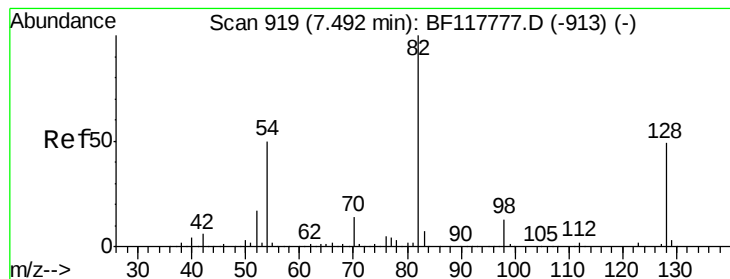
Tot Ion:	70	Resp:	95576
Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:	136	Resp:	639497
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.4	5.4	8.2
68	5.0	4.3	6.5





#23

Nitrobenzene-d5

Concen: 65.204 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

Instrument :

BNA_F

ClientSampleId :

B-1

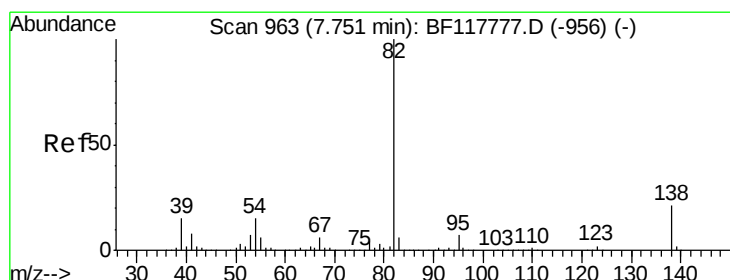
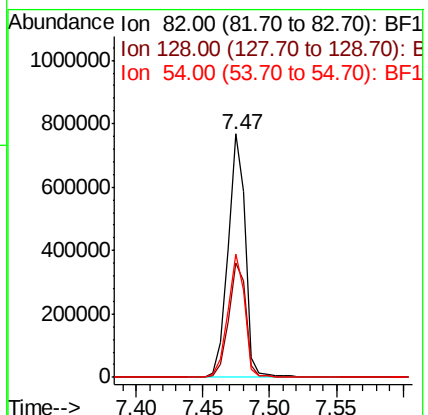
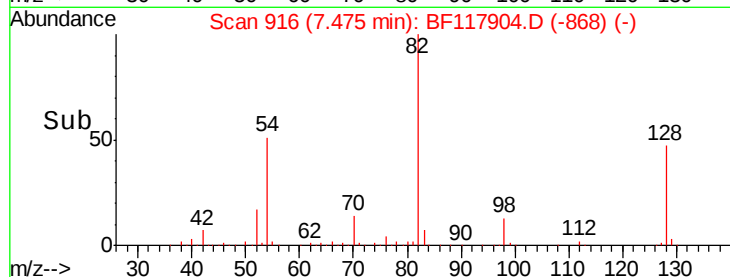
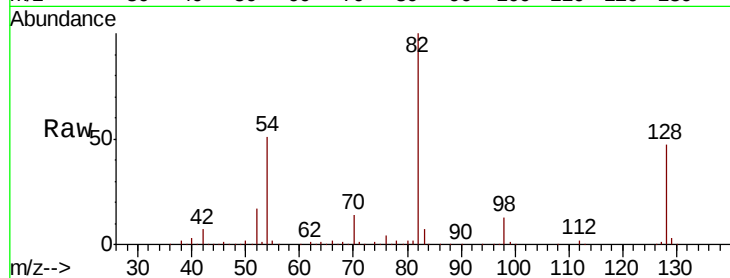
Tot Ion: 82 Resp: 701441

Ion Ratio Lower Upper

82 100

128 47.0 38.9 58.3

54 50.6 39.8 59.6



#25

Isophorone

Concen: 35.453 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117904.D

Acq: 21 Nov 2019 11:39

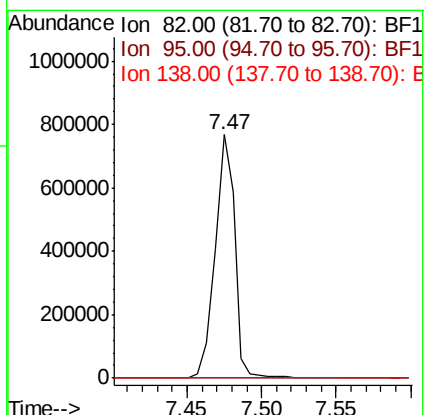
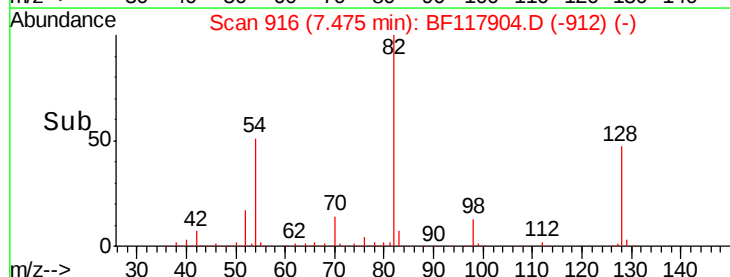
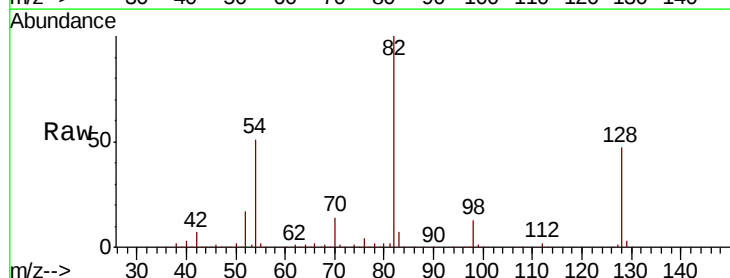
Tgt Ion: 82 Resp: 699035

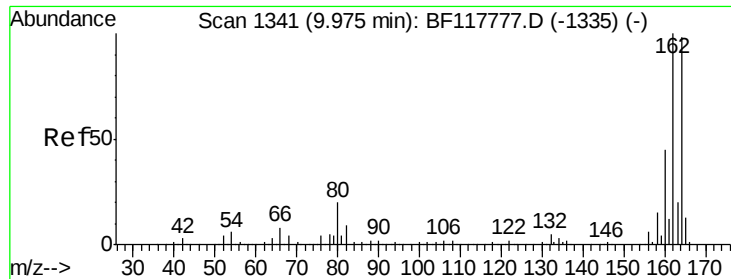
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.5 24.7#

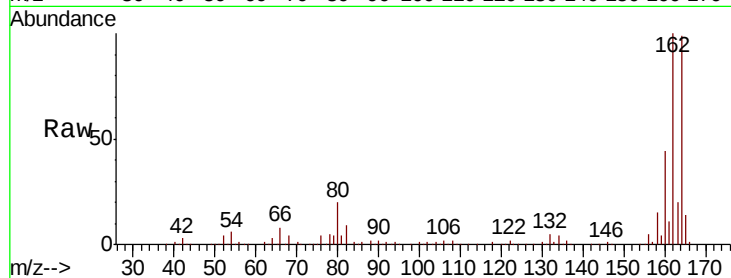




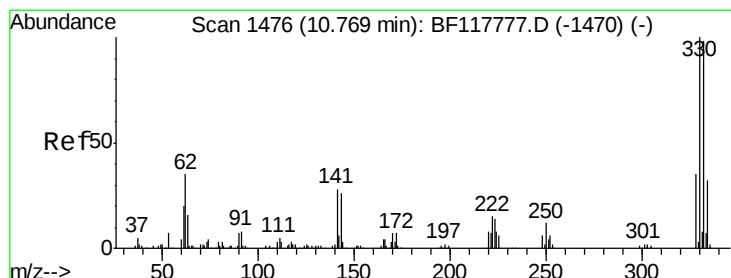
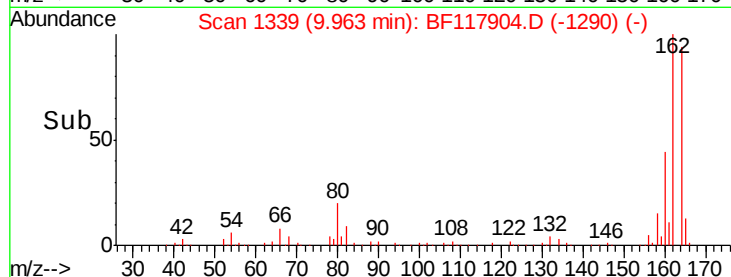
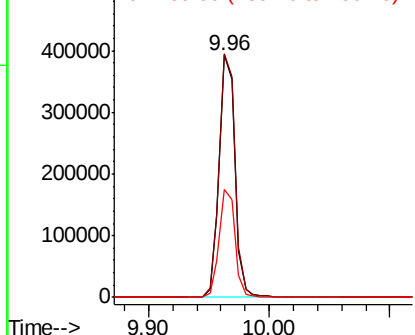
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampled :
B-1

Tot Ion:164 Resp: 351779
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.7 36.6 55.0

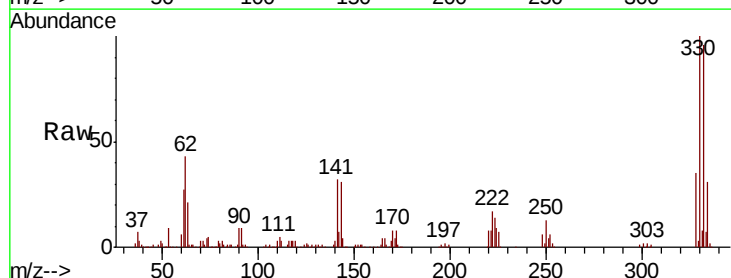


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

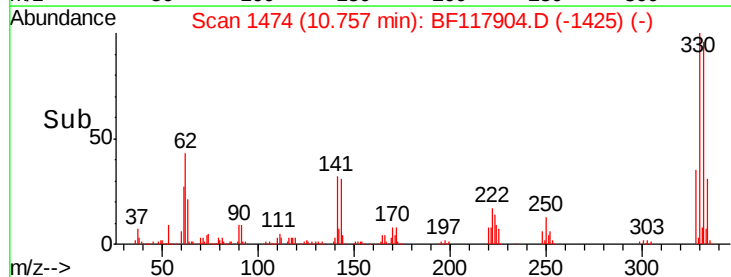
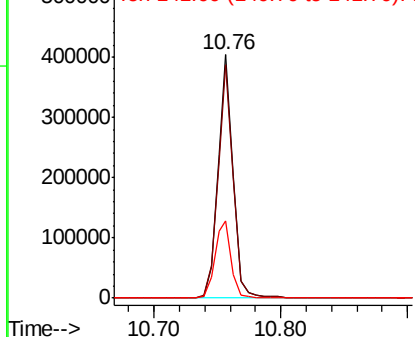


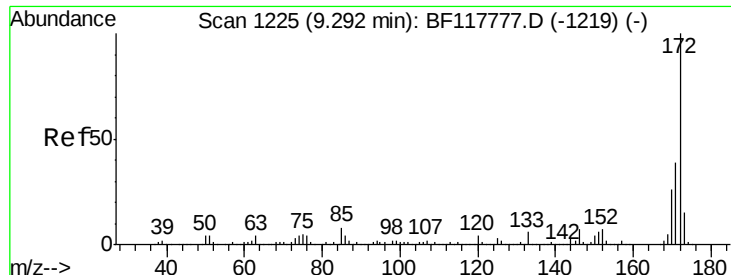
#42
2,4,6-Tribromophenol
Concen: 91.147 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:330 Resp: 339455
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 34.3 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



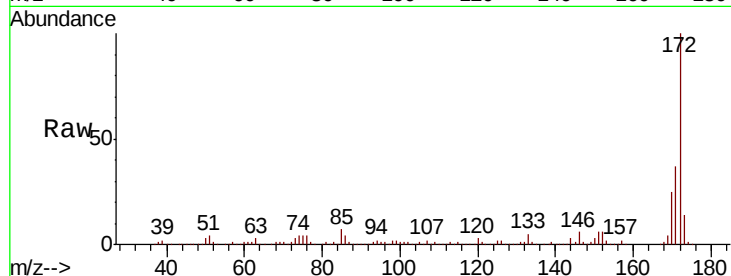


#45
 2-Fluorobiphenyl
 Concen: 73.091 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

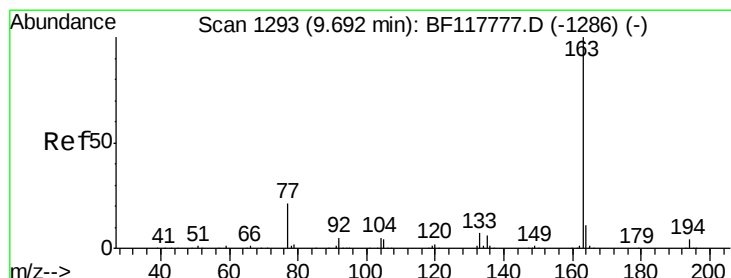
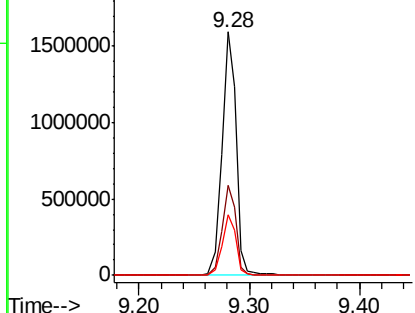
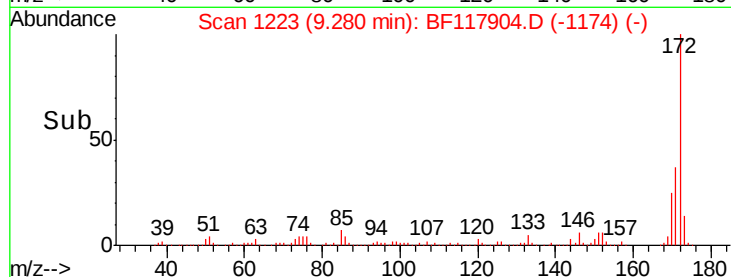
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1433189

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	24.9	21.0	31.4



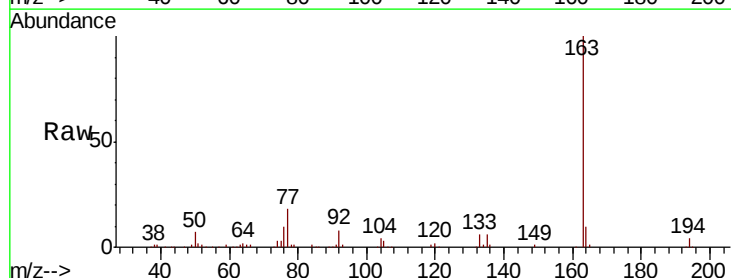
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



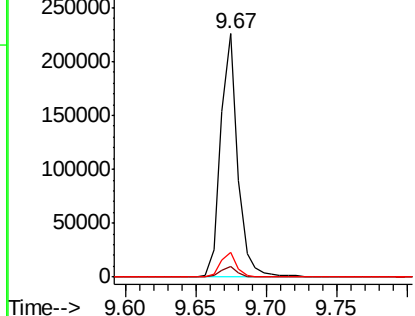
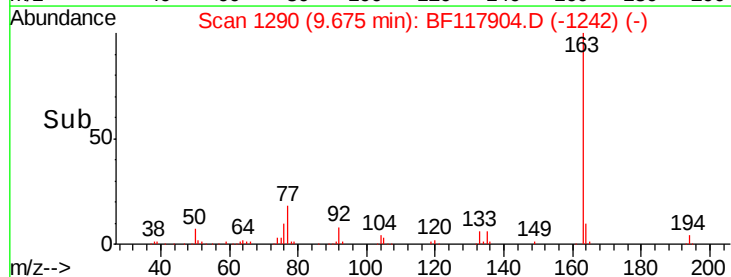
#50
 Dimethylphthalate
 Concen: 7.707 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

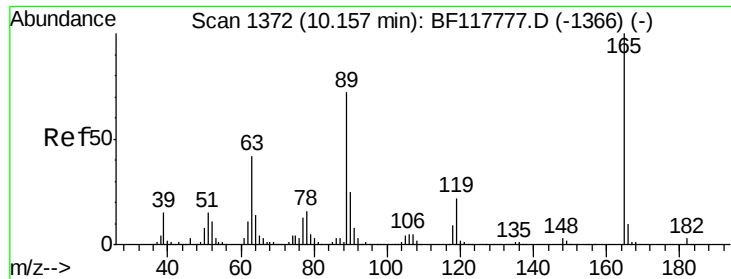
Tgt Ion:163 Resp: 190116

Ion	Ratio	Lower	Upper
163	100		
194	4.1	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

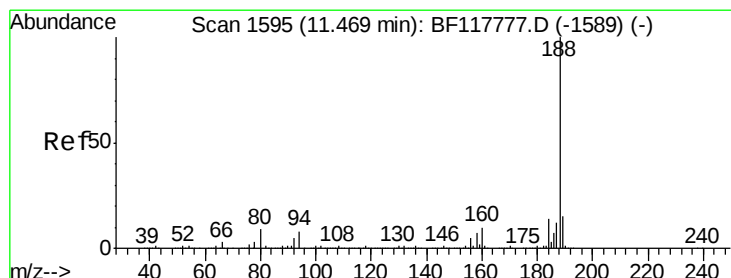
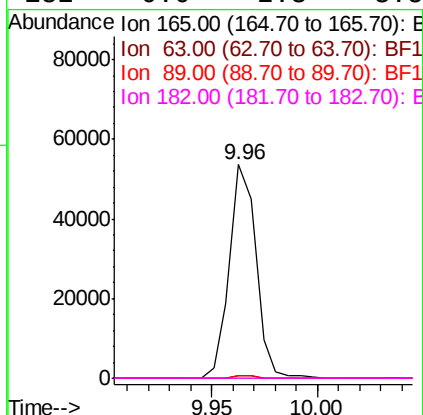
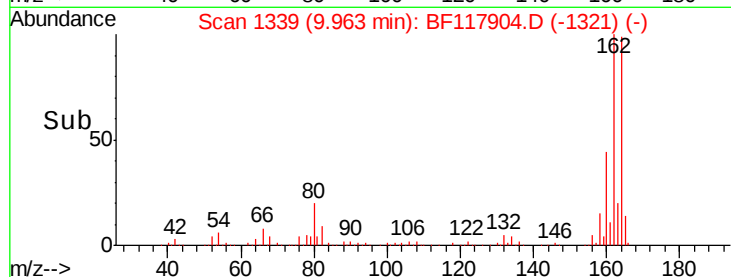
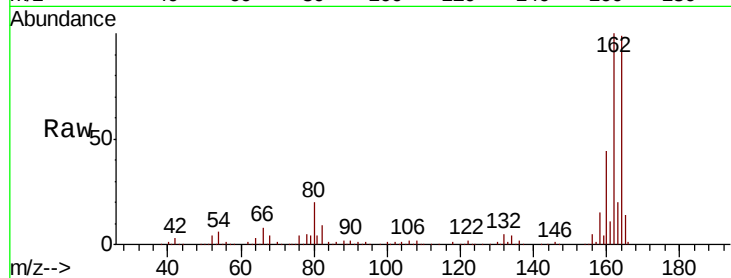




#57
 2,4-Dinitrotoluene
 Concen: 6.817 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

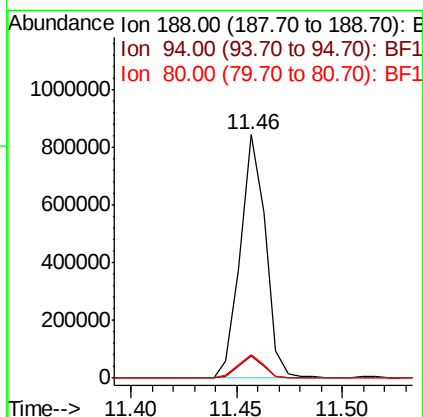
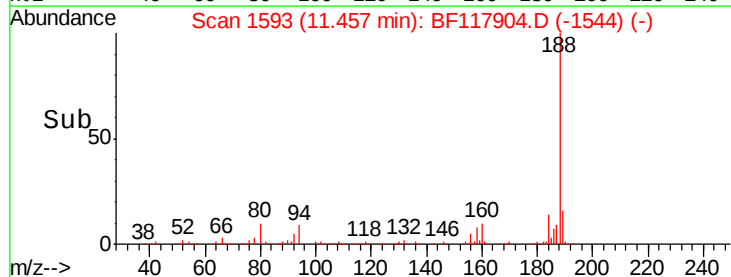
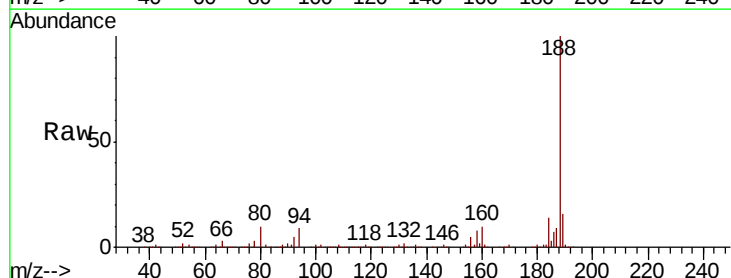
Instrument :
 BNA_F
 ClientSampleId :
 B-1

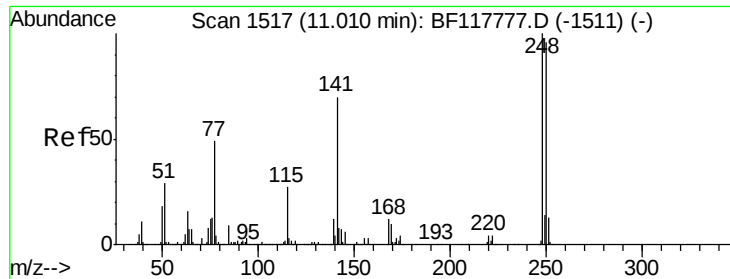
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.6	7.2	10.8

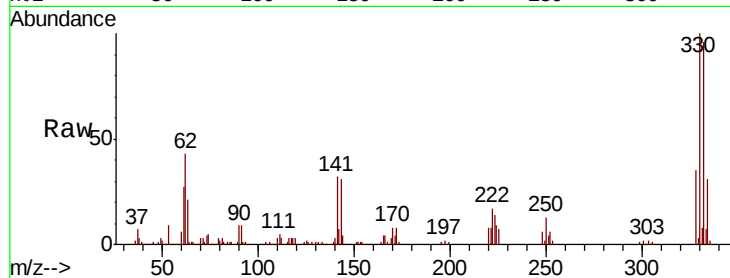




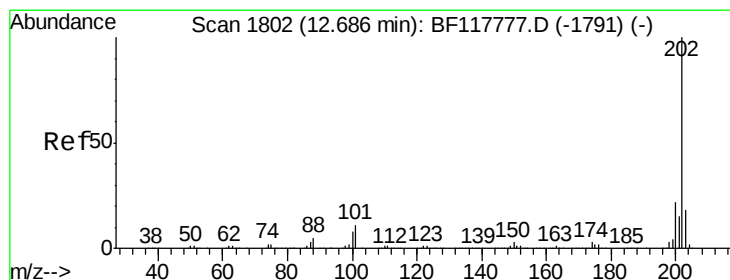
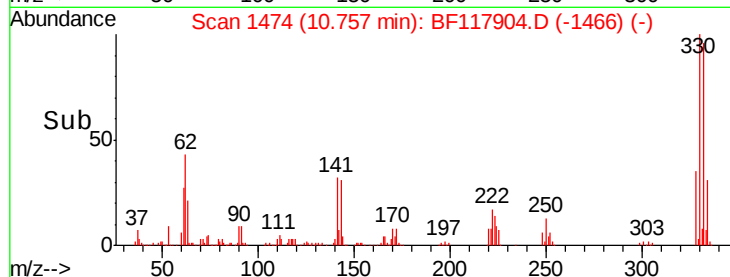
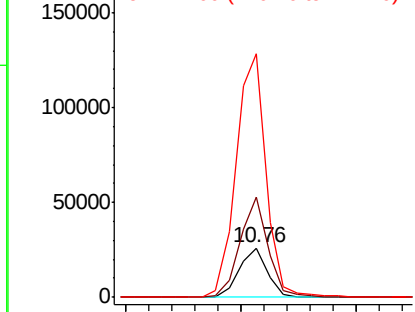
#67
4-Bromophenyl-phenylether
Concen: 2.928 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Instrument :
BNA_F
ClientSampleId :
B-1

Tot Ion:248 Resp: 22075
Ion Ratio Lower Upper
248 100
250 204.6 76.6 115.0#
141 494.8 55.9 83.9#

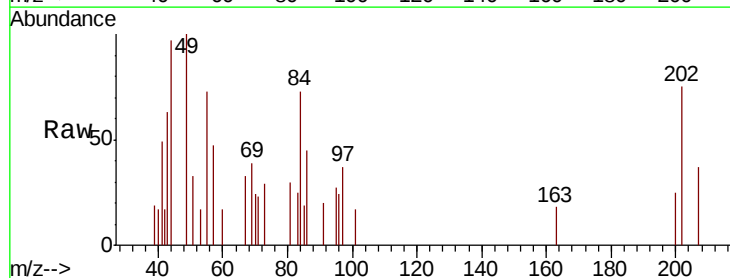


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

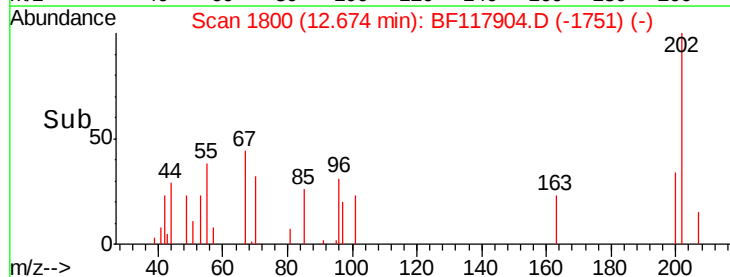
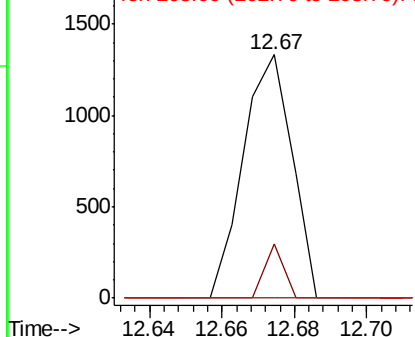


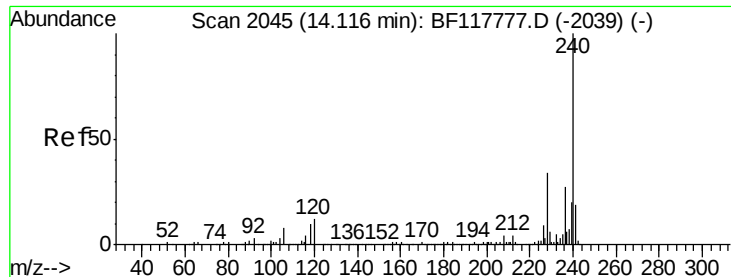
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117904.D
Acq: 21 Nov 2019 11:39

Tgt Ion:202 Resp: 1243
Ion Ratio Lower Upper
202 100
101 22.5 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

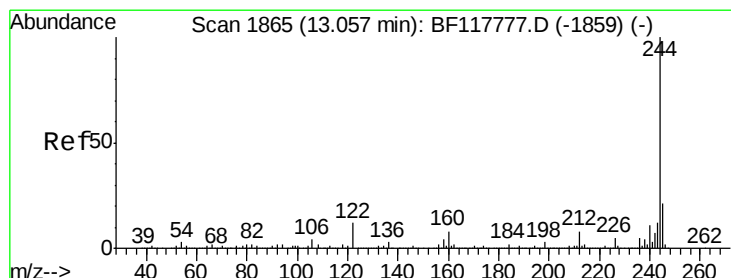
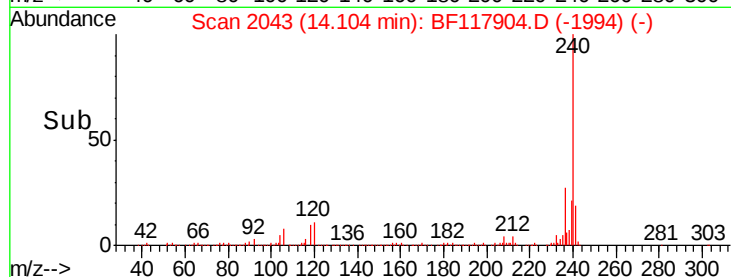
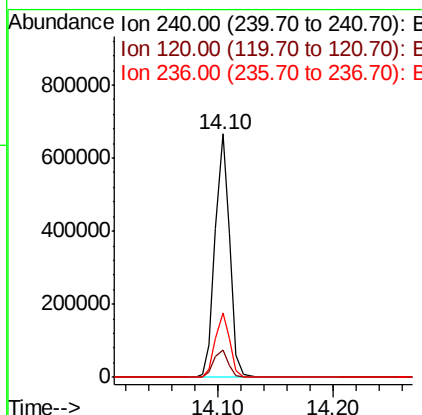
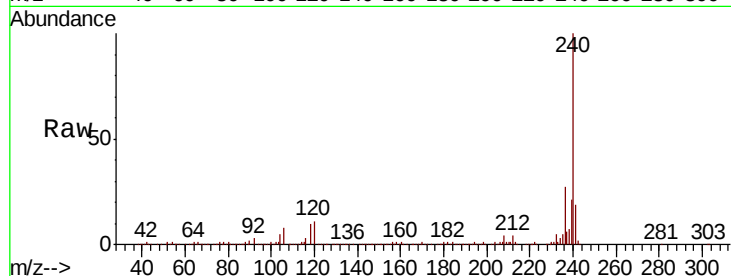




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

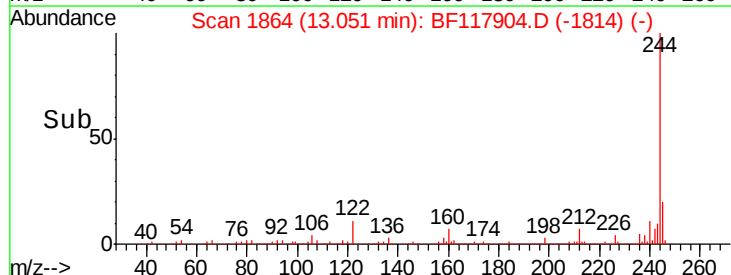
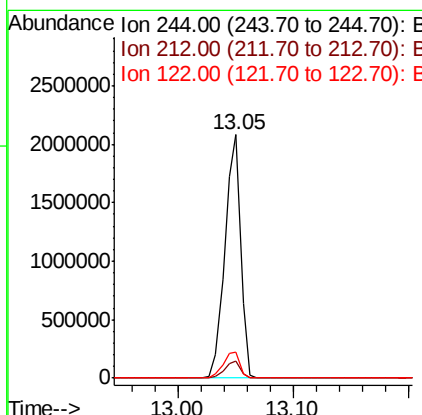
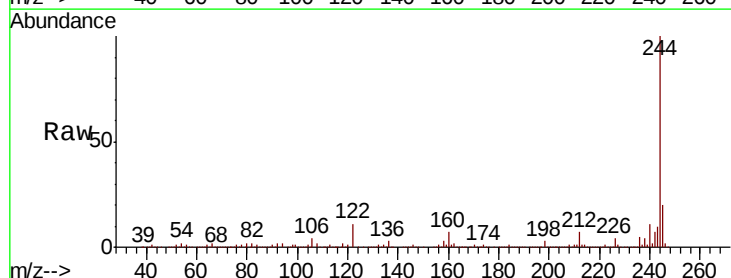
Instrument :
 BNA_F
 ClientSampleId :
 B-1

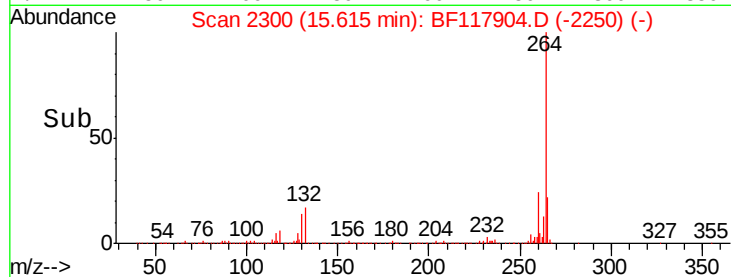
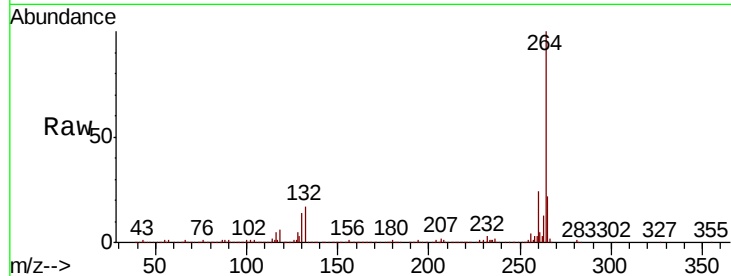
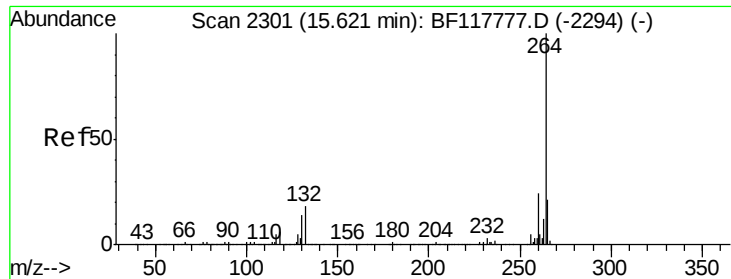
Tot Ion:240 Resp: 581618
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 26.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 61.607 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117904.D
 Acq: 21 Nov 2019 11:39

Tgt Ion:244 Resp: 1960595
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 10.5 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: BF117904.D

Acq: 21 Nov 2019 11:39

Instrument :

BNA_F

ClientSampleId :

B-1

Tot Ion: 264 Resp: 567101

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.2 17.1 25.7

