

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117906.D
 Acq On : 21 Nov 2019 12:33
 Operator : JU
 Sample : K5927-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4A

Quant Time: Nov 21 15:16:49 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

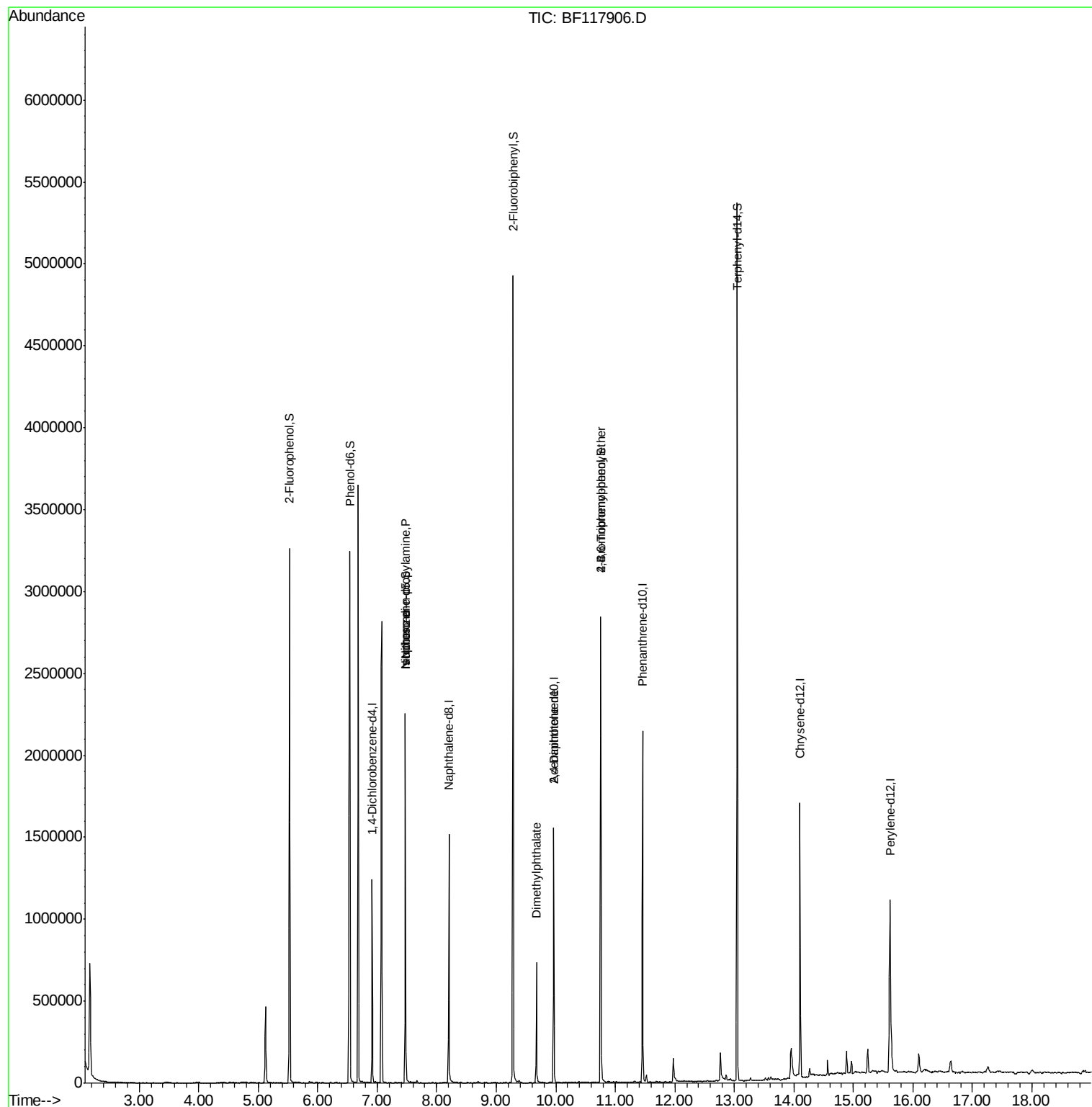
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	167000	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	647384	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	328694	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	736484	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	556200	20.00	ng	-0.01
87) Perylene-d12	15.62	264	517797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	880432	93.32	ng	0.00
7) Phenol-d6	6.54	99	1143408	100.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	704875	64.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	329239	94.61	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1410197	76.97	ng	-0.01
79) Terphenyl-d14	13.05	244	1803955	59.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	1990	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.47	70	95475	13.600 ng	#	76
25) Isophorone	7.47	82	702392	35.189 ng	#	62
50) Dimethylphthalate	9.67	163	285733	12.397 ng	#	98
57) 2,4-Dinitrotoluene	9.96	165	42252	6.594 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	21004	2.643 ng	#	1
75) Fluoranthene	12.67	202	1304	Below Cal		63

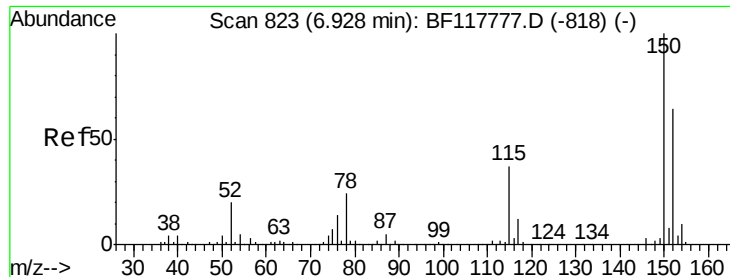
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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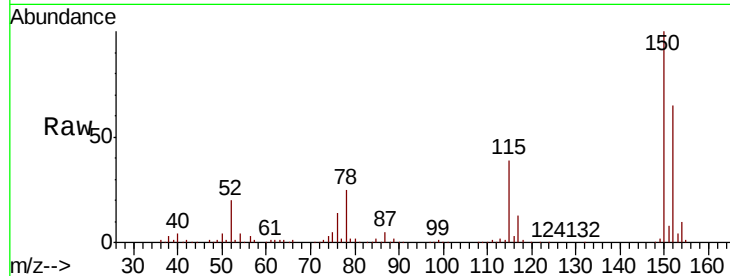


#1

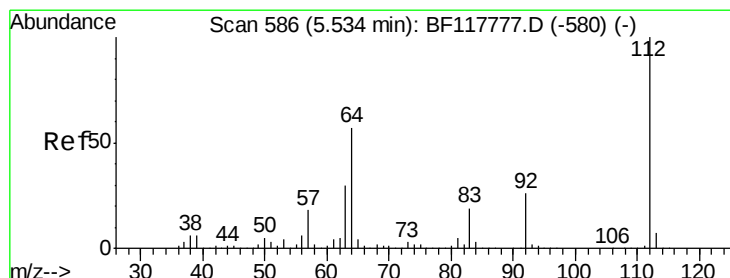
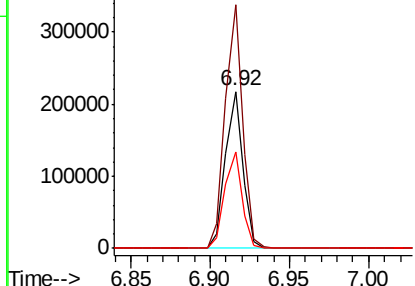
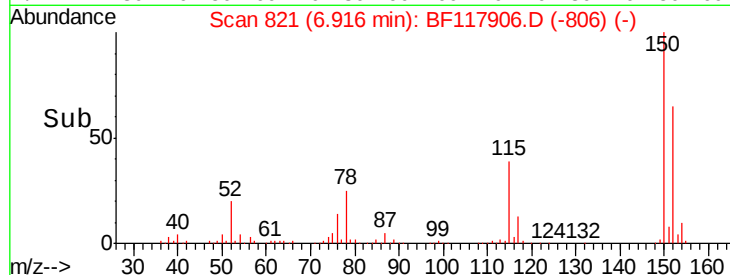
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Instrument :
 BNA_F
 ClientSampleId :
 B-4A

Tot Ion:152 Resp: 167000
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.3 187.9
 115 61.0 47.0 70.4



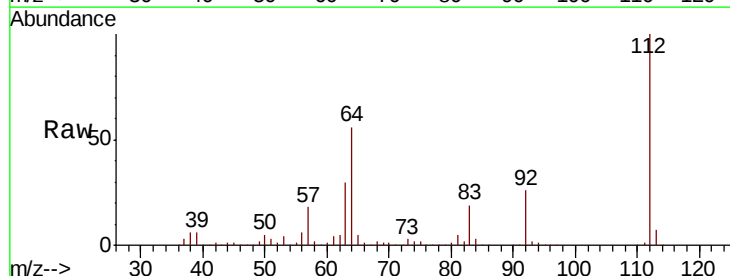
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



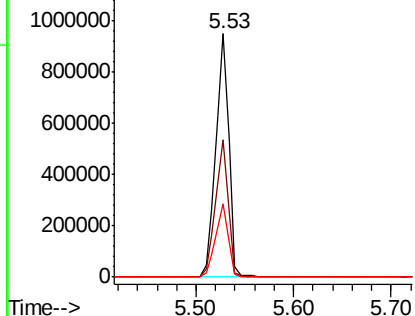
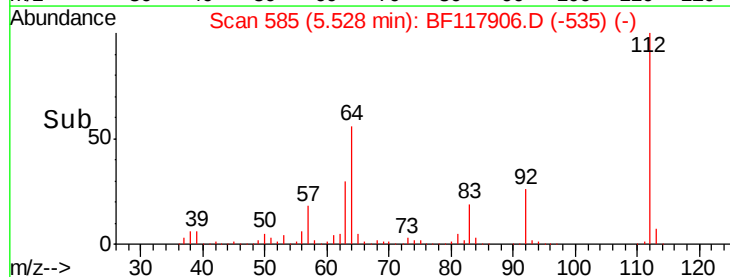
#5

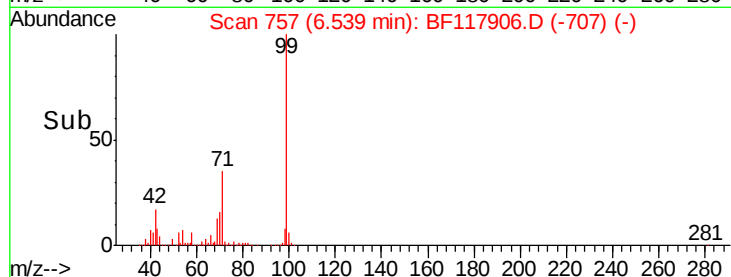
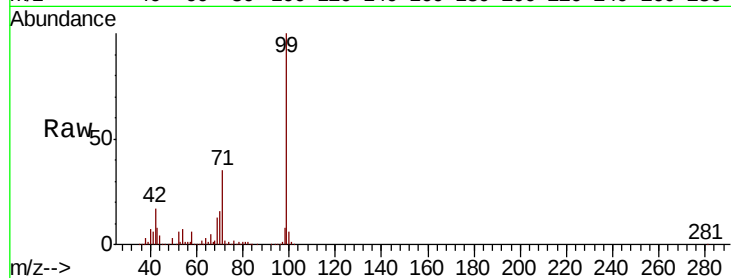
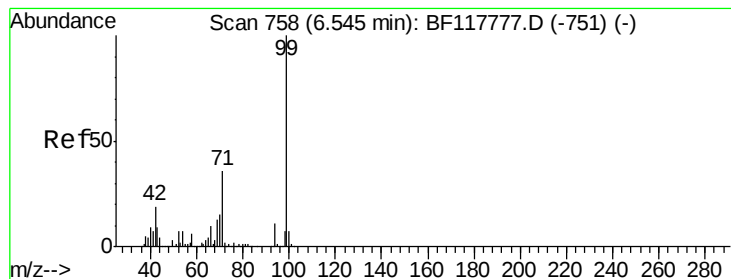
2-Fluorophenol
 Concen: 93.321 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Tgt Ion:112 Resp: 880432
 Ion Ratio Lower Upper
 112 100
 64 56.5 45.6 68.4
 63 30.0 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: 100.480 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

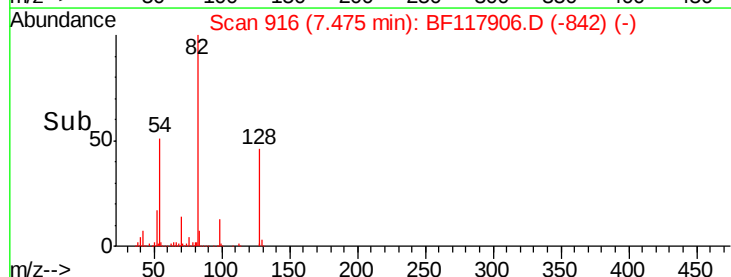
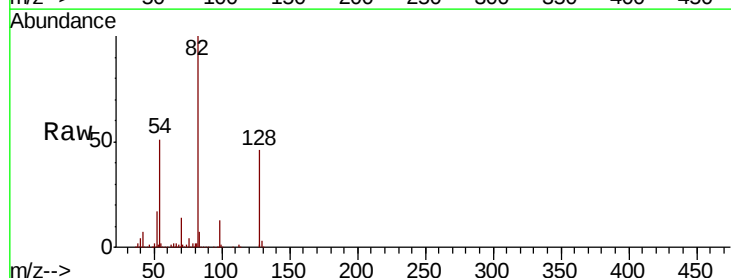
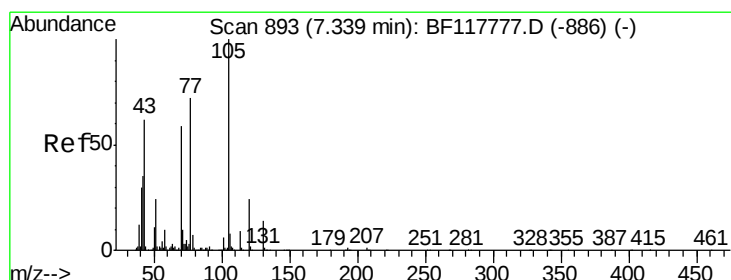
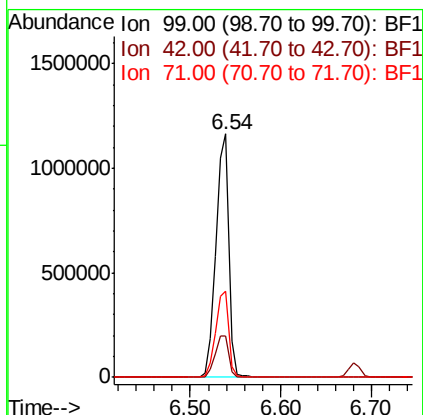
Tot Ion: 99 Resp: 1143408

Ion Ratio Lower Upper

99 100

42 17.3 14.9 22.3

71 35.5 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.600 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Tgt Ion: 70 Resp: 95475

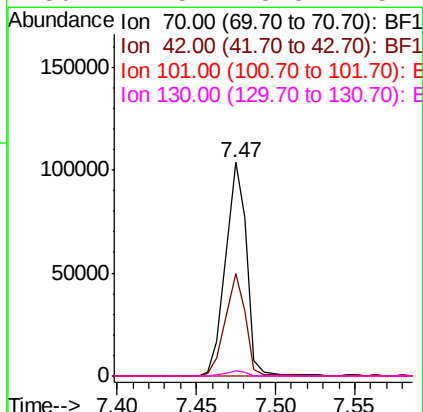
Ion Ratio Lower Upper

70 100

42 47.8 47.4 71.2

101 0.0 8.4 12.6#

130 2.5 18.8 28.2#

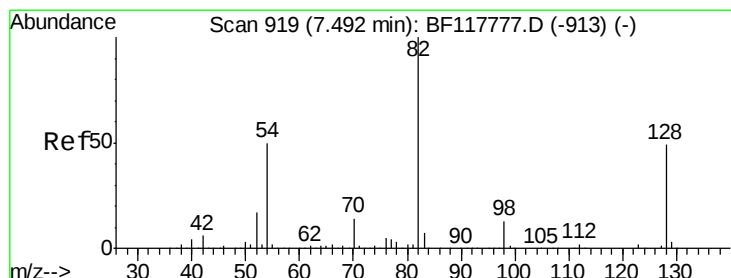
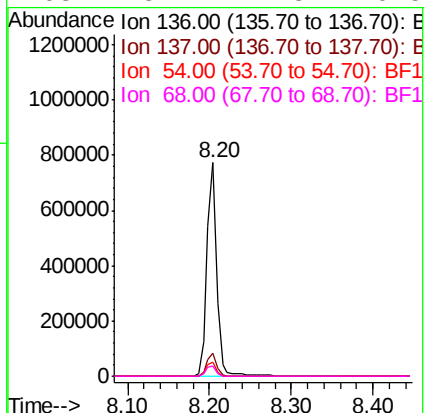
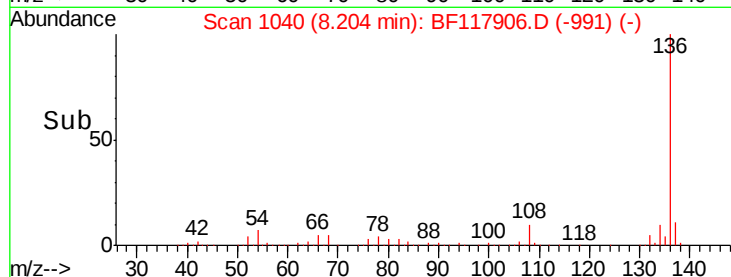
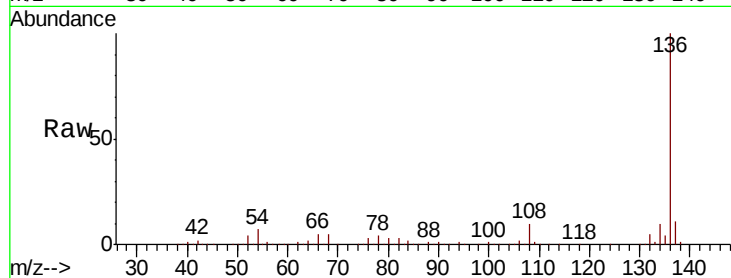




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

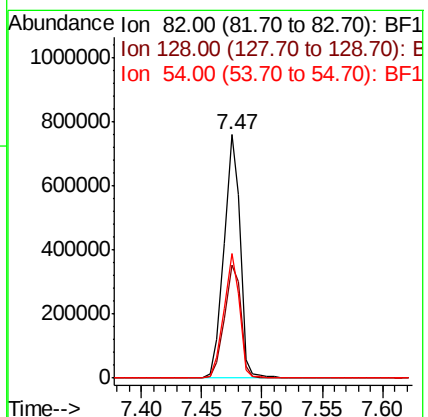
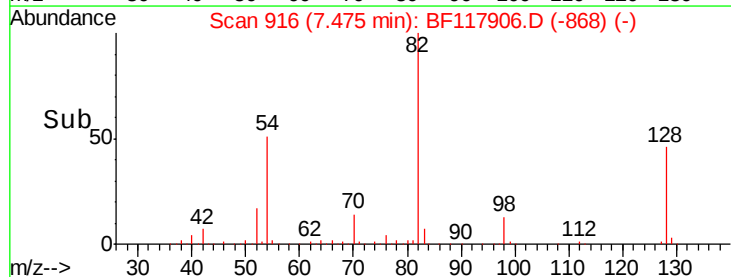
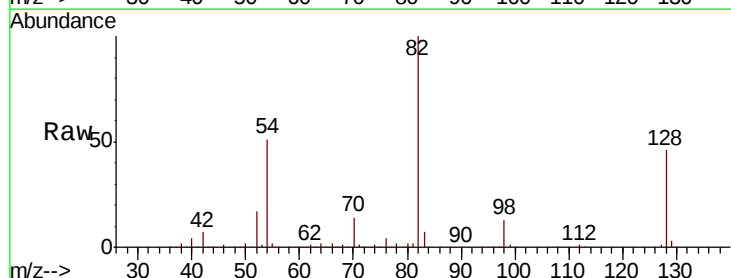
Instrument :
BNA_F
ClientSampleId :
B-4A

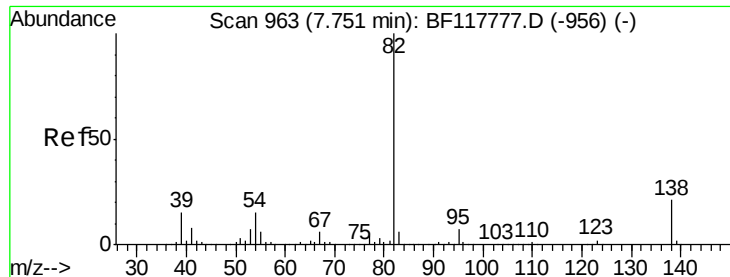
Tot Ion:136	Resp:	647384
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.7	5.4 8.2
68	5.1	4.3 6.5



#23
Nitrobenzene-d5
Concen: 64.725 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Tgt Ion: 82	Resp:	704875
Ion Ratio	Lower	Upper
82	100	
128	46.3	38.9 58.3
54	50.9	39.8 59.6





#25

Isophorone

Concen: 35.189 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

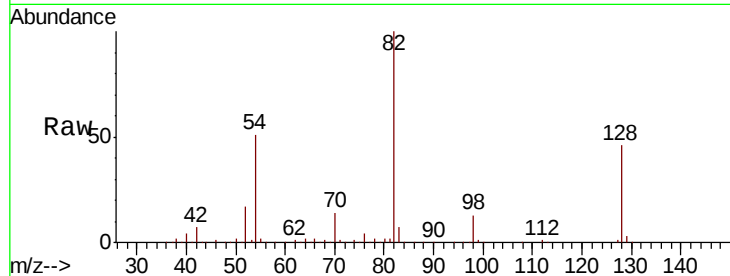
Tot Ion: 82 Resp: 702392

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

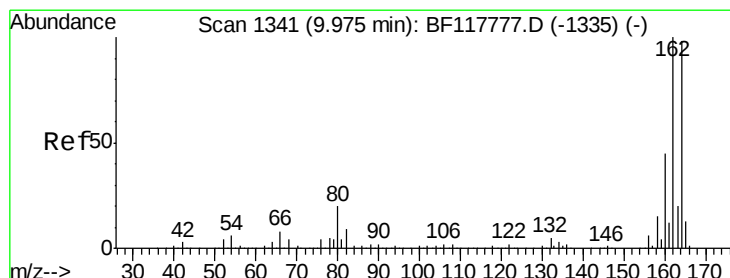
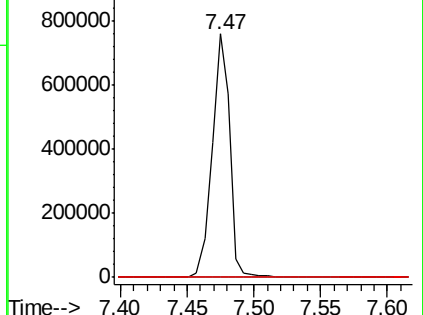
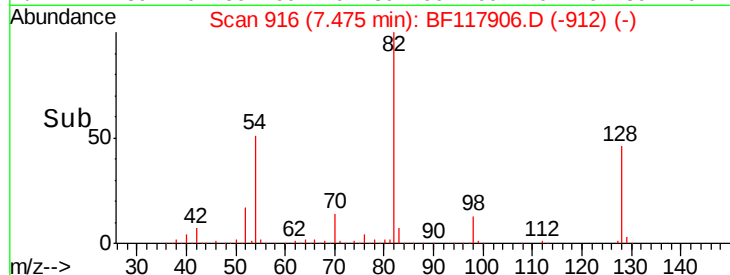
138 0.0 16.5 24.7#



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: BF117906.D

Acq: 21 Nov 2019 12:33

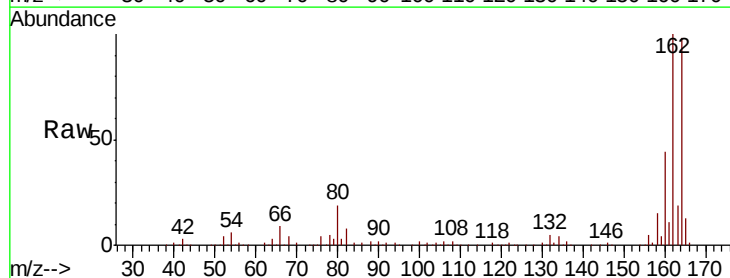
Tgt Ion: 164 Resp: 328694

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

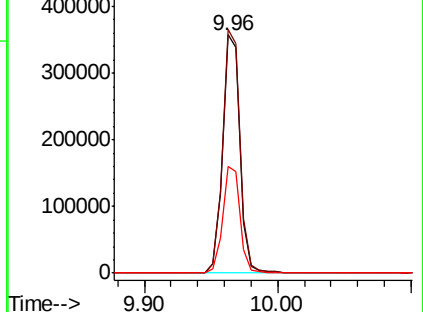
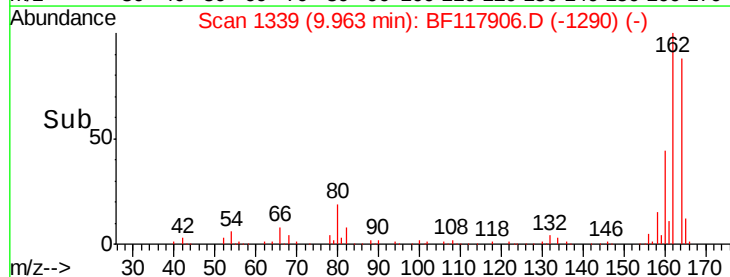
160 44.8 36.6 55.0

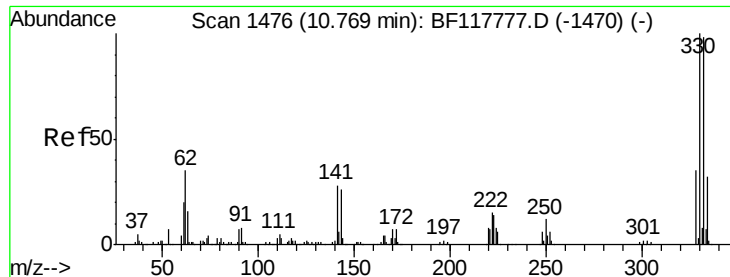


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

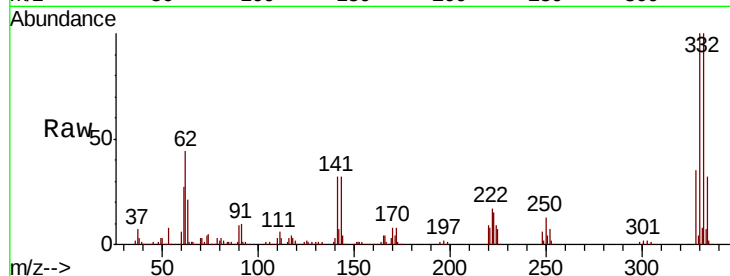




#42
 2,4,6-Tribromophenol
 Concen: 94.613 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Instrument :
 BNA_F
 ClientSampleId :
 B-4A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.7	115.1
141	34.5	27.7	41.5

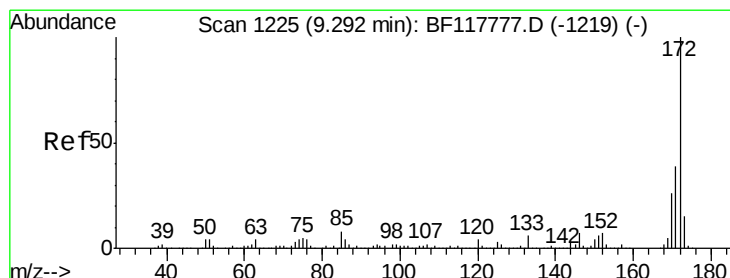
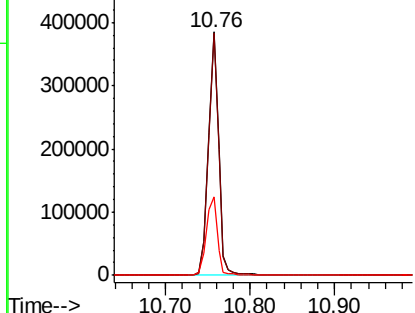
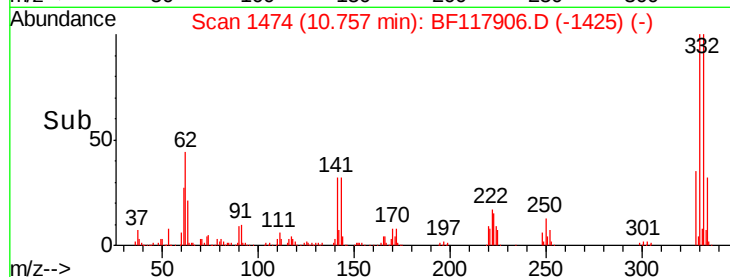


Abundance

Ion 329.80 (329.50 to 330.50): E

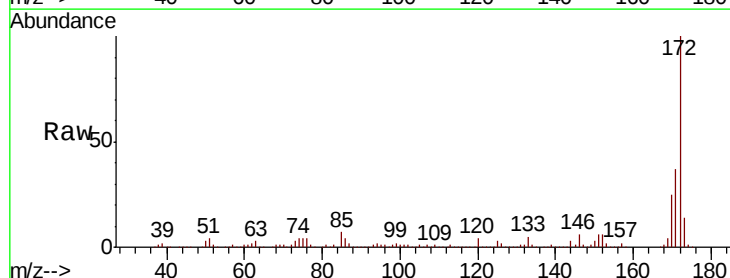
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.970 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.6	21.0	31.4

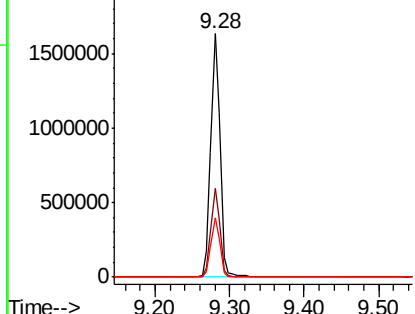
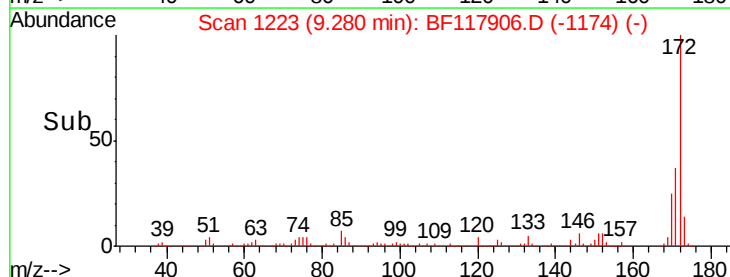


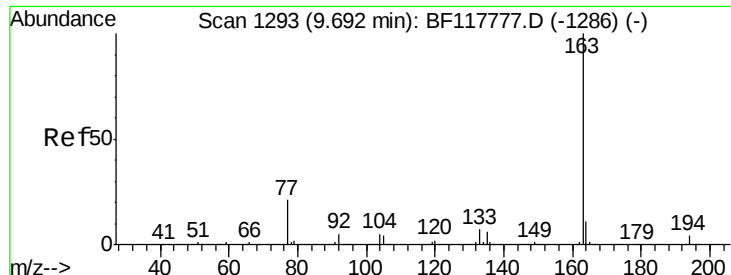
Abundance

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

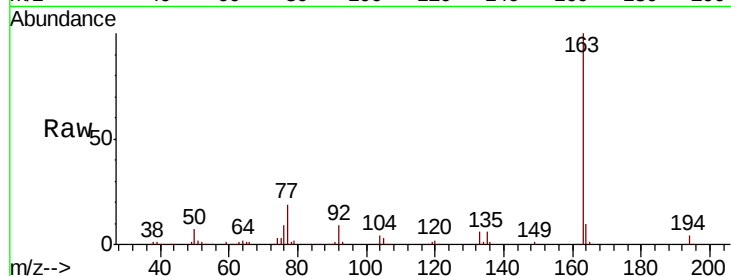




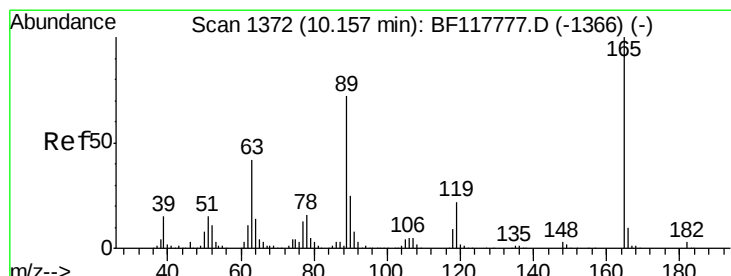
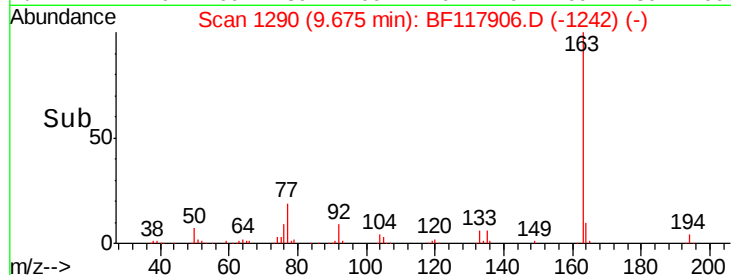
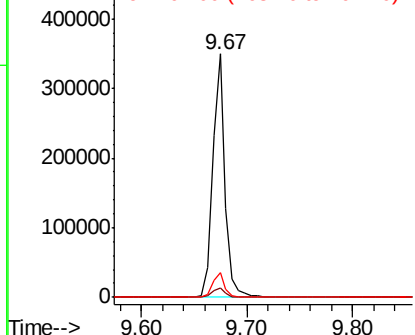
#50
Dimethylphthalate
Concen: 12.397 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Instrument :
BNA_F
ClientSampleId :
B-4A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.0	8.7	13.1



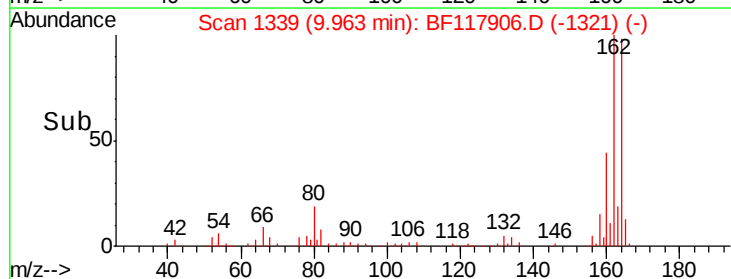
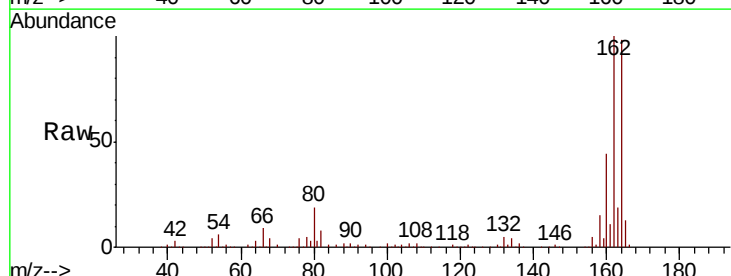
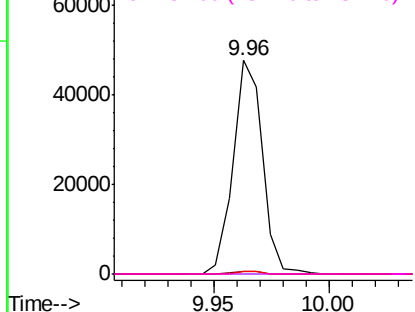
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

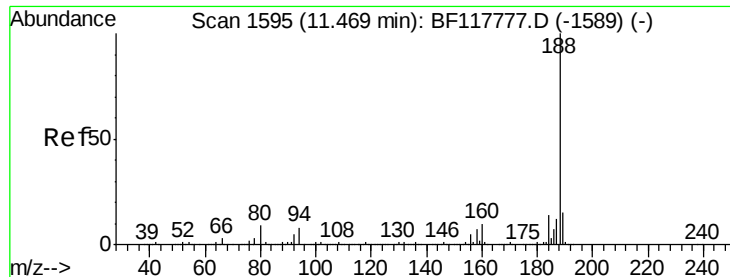


#57
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.0	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

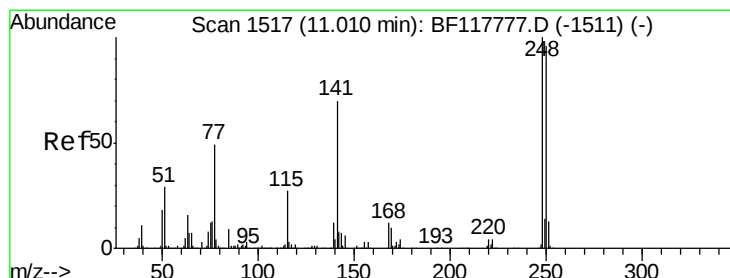
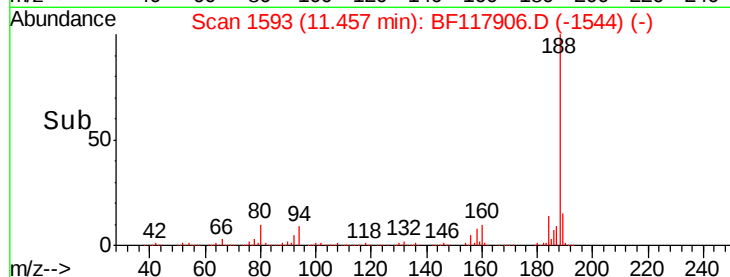
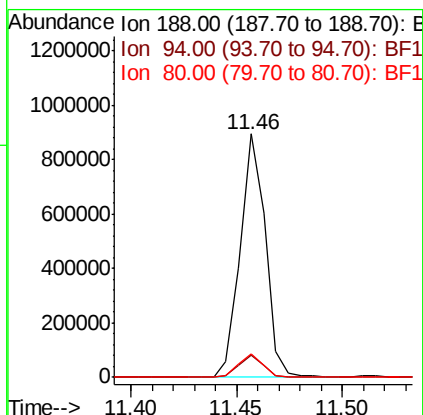
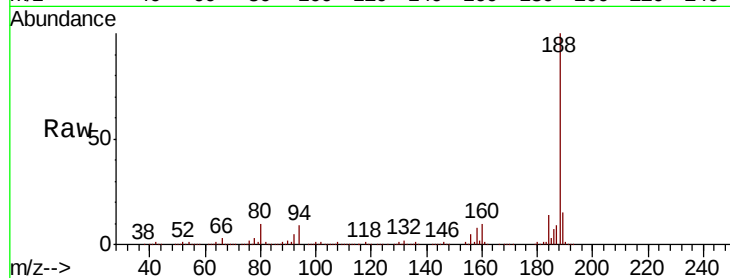




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

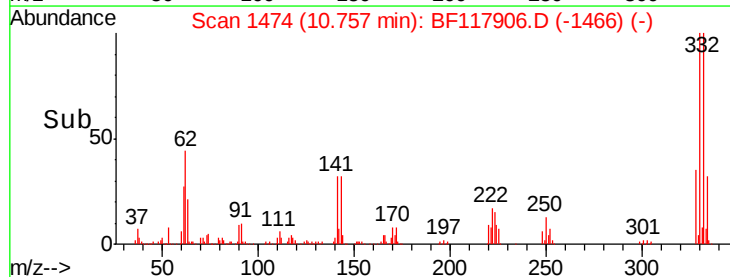
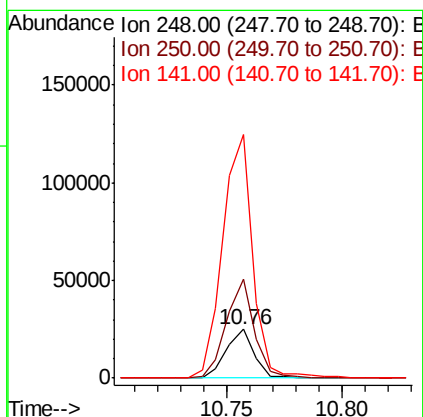
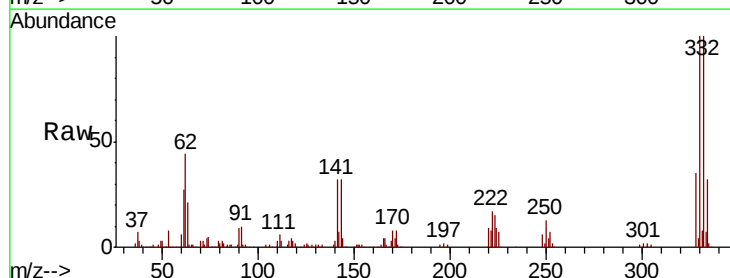
Instrument :
 BNA_F
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 B-4A

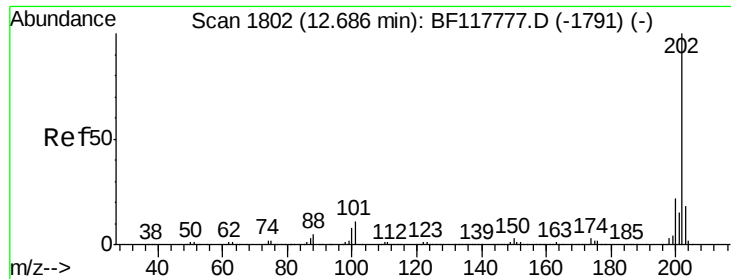
Tot Ion:188 Resp: 736484
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.6 10.0
 80 9.8 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.643 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Tgt Ion:248 Resp: 21004
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.6 115.0#
 141 500.0 55.9 83.9#

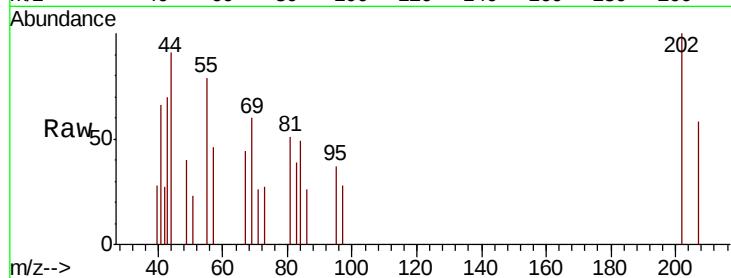




#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Instrument :
BNA_F
ClientSampleId :
B-4A

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2

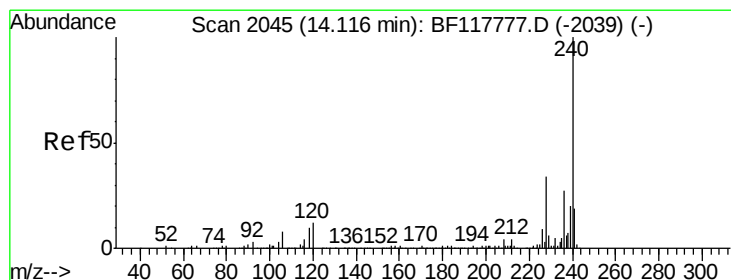
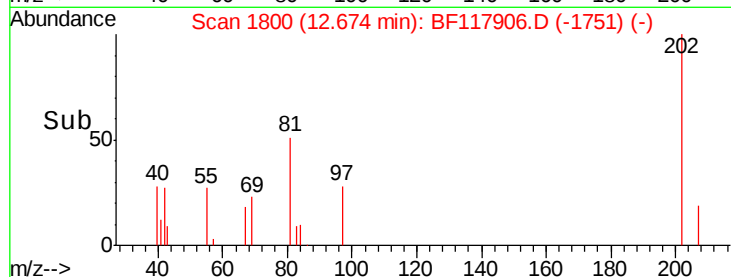
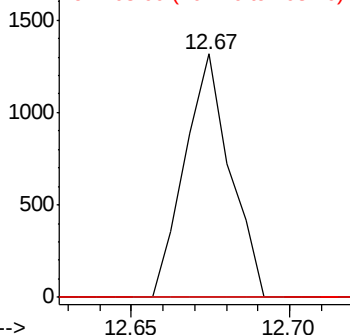


Abundance

Ion 202.00 (201.70 to 202.70): E

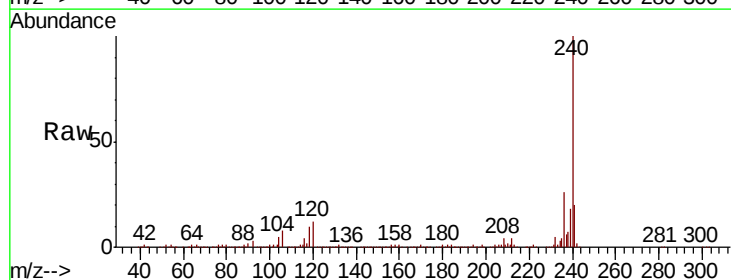
Ion 101.00 (100.70 to 101.70): E

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: BF117906.D
Acq: 21 Nov 2019 12:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.8	21.3	31.9

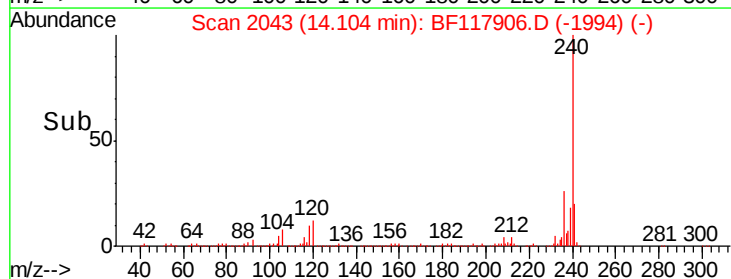
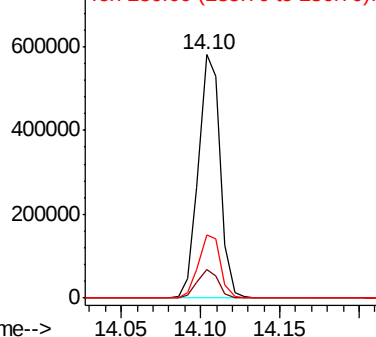


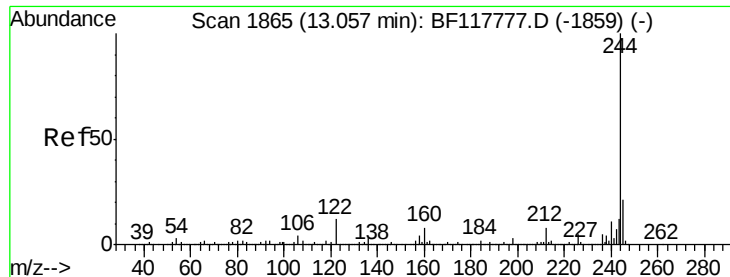
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.276 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampled :

B-4A

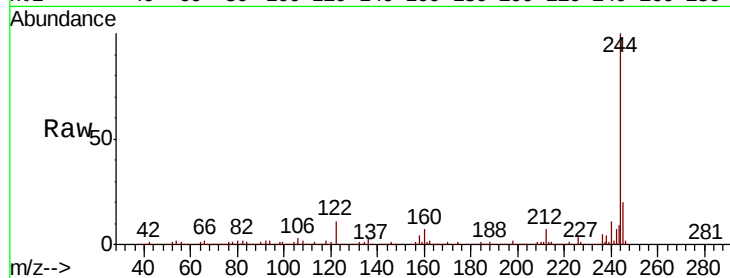
Tot Ion:244 Resp: 1803955

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

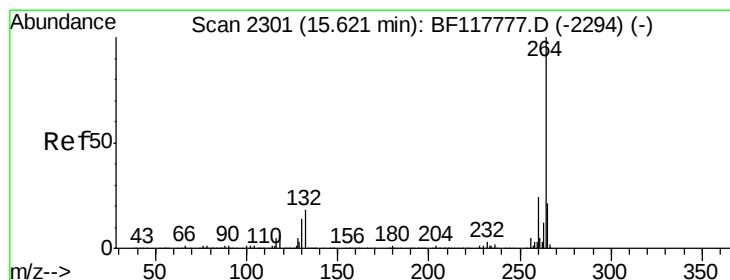
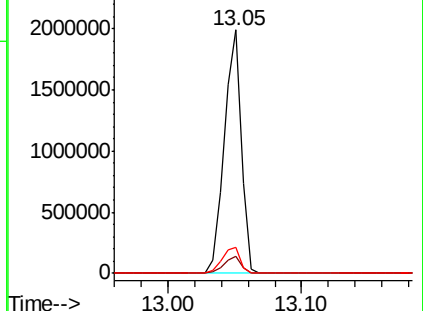
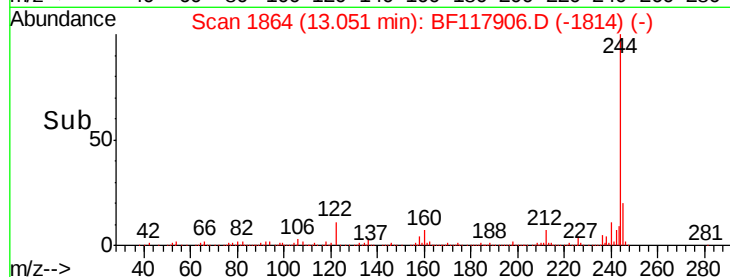
122 10.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

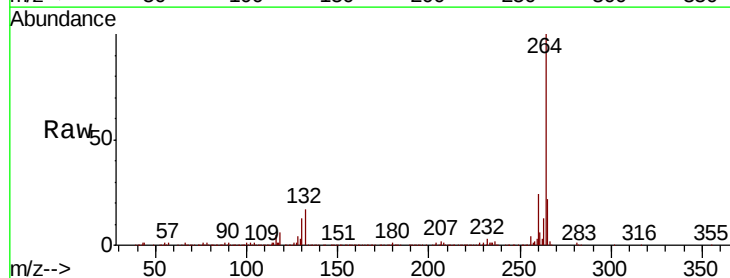
Tgt Ion:264 Resp: 517797

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.0 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

