

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117758.D
 Acq On : 12 Nov 2019 14:41
 Operator : JU
 Sample : K5789-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-S

Quant Time: Nov 12 15:49:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

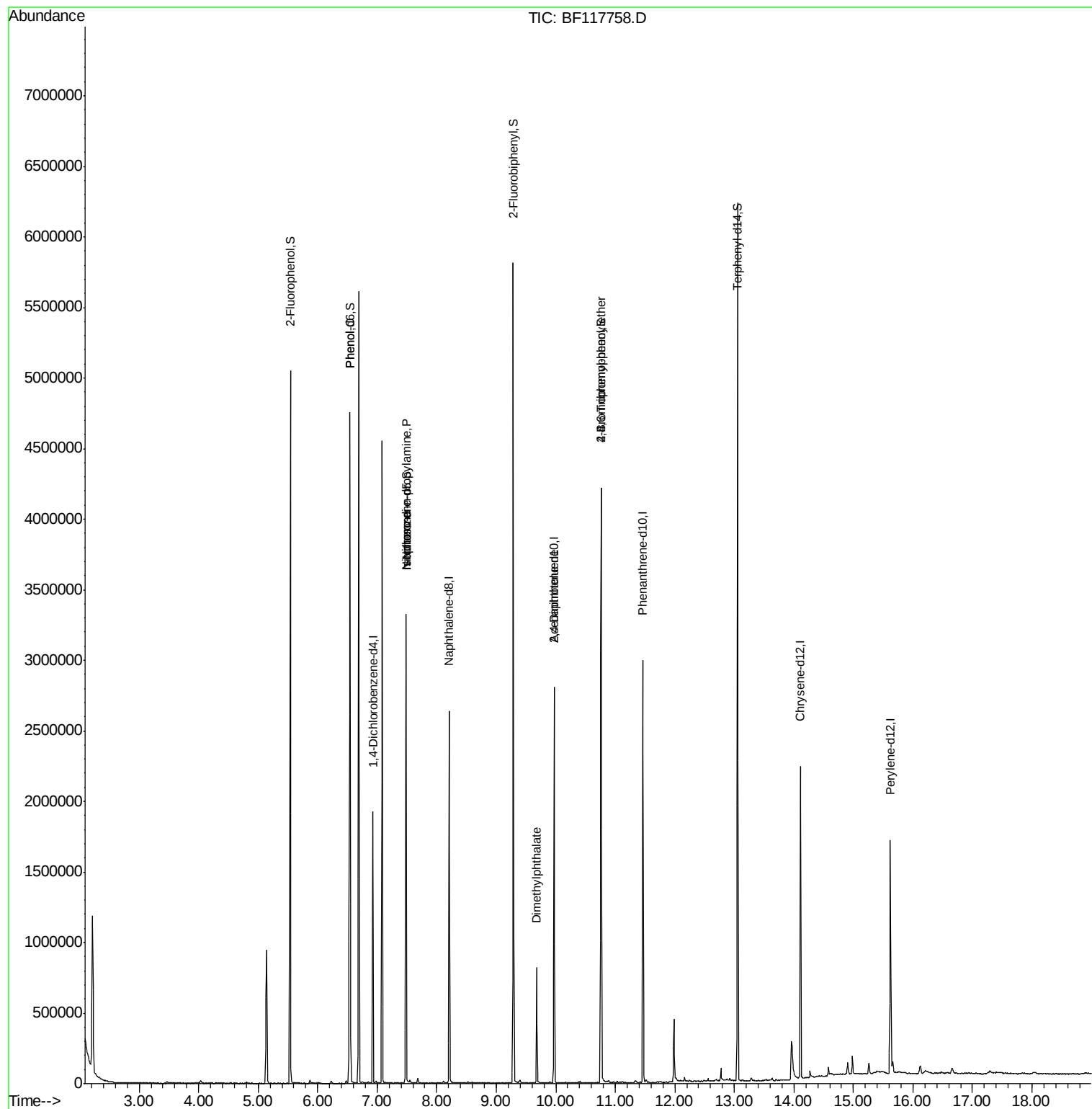
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	287986	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1127545	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	581699	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1049639	20.00	ng	0.00
76) Chrysene-d12	14.11	240	712293	20.00	ng	-0.01
87) Perylene-d12	15.62	264	758031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1371796	86.23	ng	0.00
7) Phenol-d6	6.55	99	1717095	87.53	ng	0.00
23) Nitrobenzene-d5	7.49	82	1031436	54.01	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	502375	88.29	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1916297	65.00	ng	0.00
79) Terphenyl-d14	13.06	244	2092055	60.46	ng	0.00
Target Compounds						
10) Phenol	6.55	94	99376	4.701	ng	87
19) n-Nitroso-di-n-propylamine	7.49	70	143349	11.114	ng	# 74
25) Isophorone	7.49	82	1028690	28.162	ng	# 62
50) Dimethylphthalate	9.68	163	304405	7.741	ng	99
57) 2,4-Dinitrotoluene	9.97	165	76001	6.728	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	31044	2.708	ng	# 1

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

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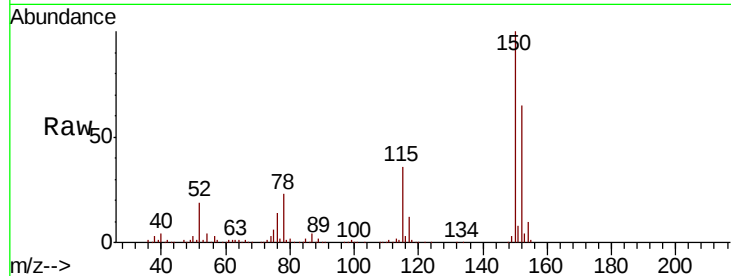


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-16B-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	190.0
115	56.2	47.6	71.4

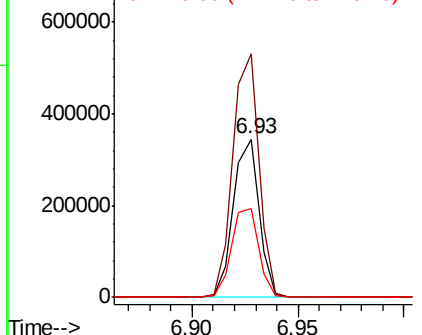
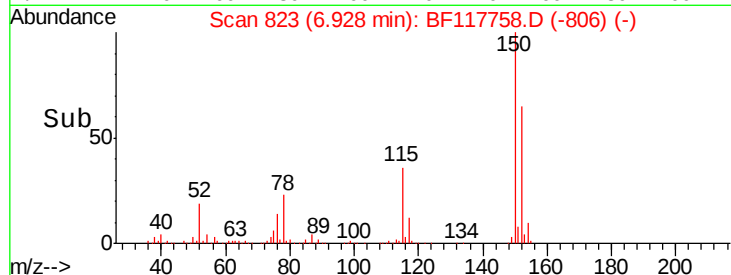


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

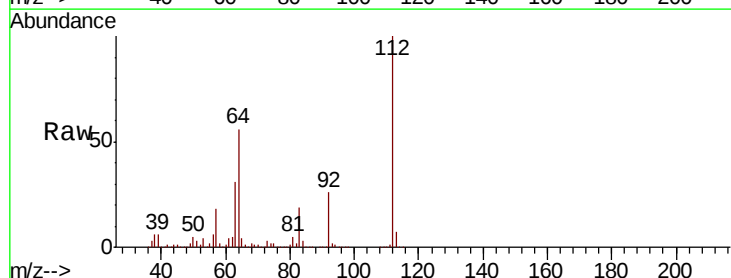
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.225 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	43.5	65.3
63	30.6	23.5	35.3

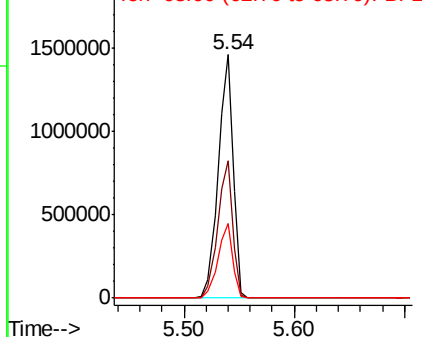
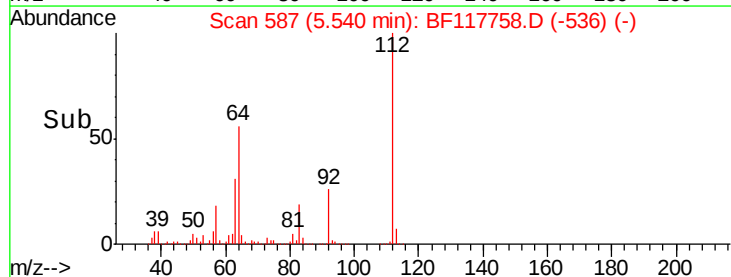


Abundance

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: 87.532 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF117758.D

Acq: 12 Nov 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-16B-S

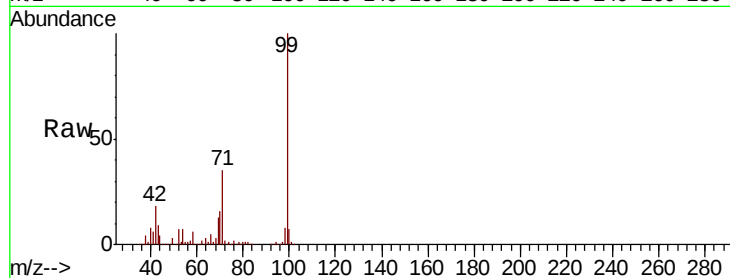
Tot Ion: 99 Resp: 1717095

Ion Ratio Lower Upper

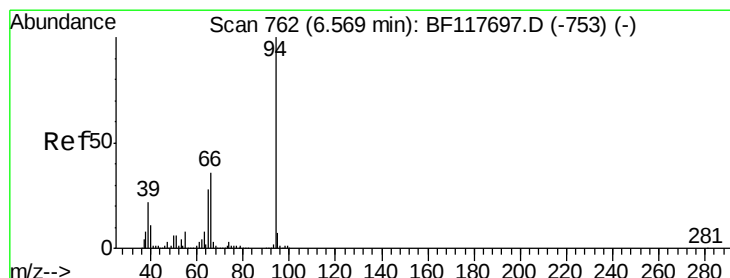
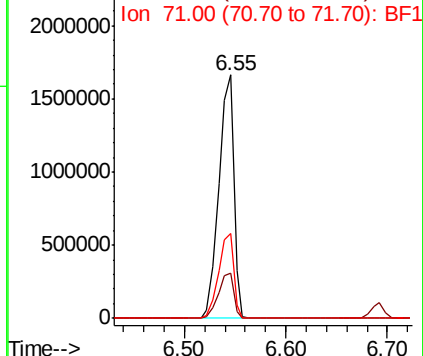
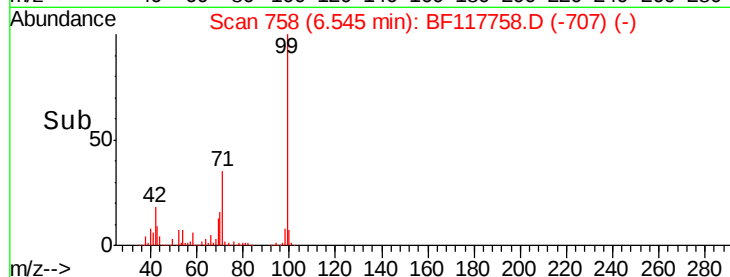
99 100

42 18.5 15.3 22.9

71 34.8 28.2 42.2



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: 4.701 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117758.D

Acq: 12 Nov 2019 14:41

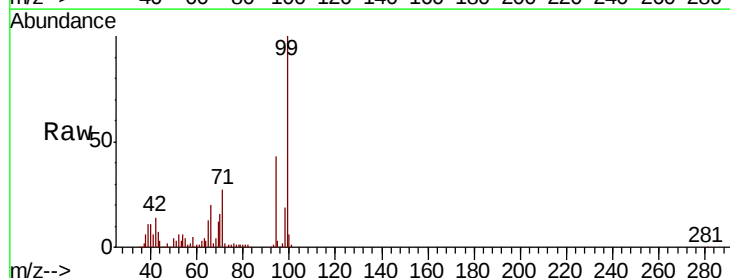
Tgt Ion: 94 Resp: 99376

Ion Ratio Lower Upper

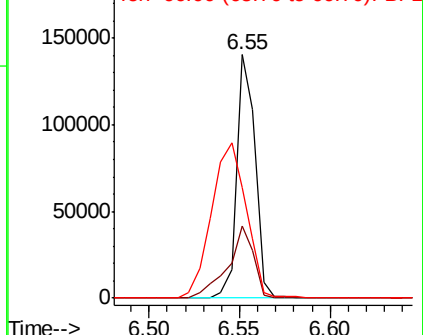
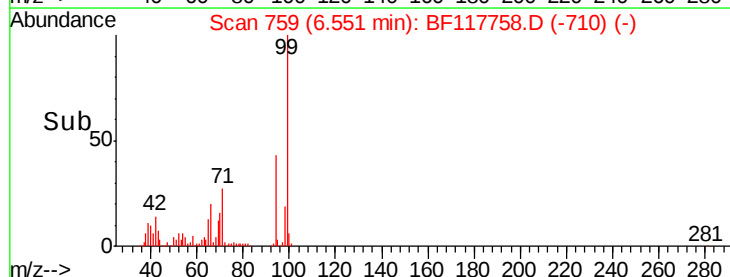
94 100

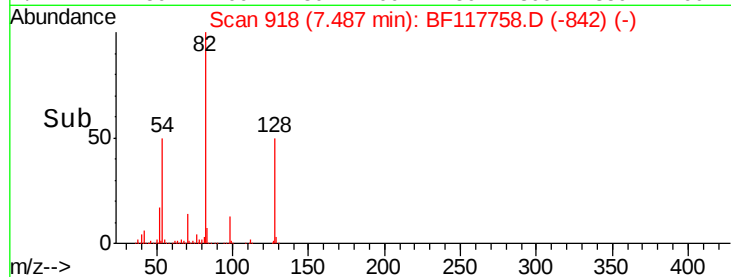
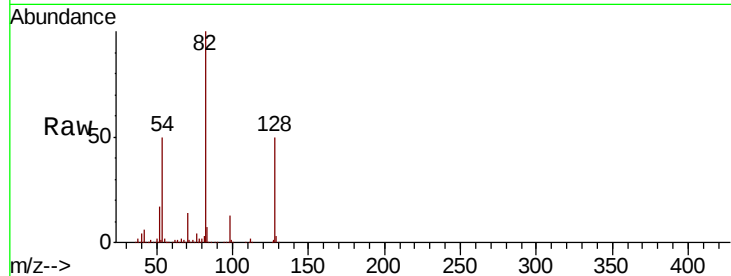
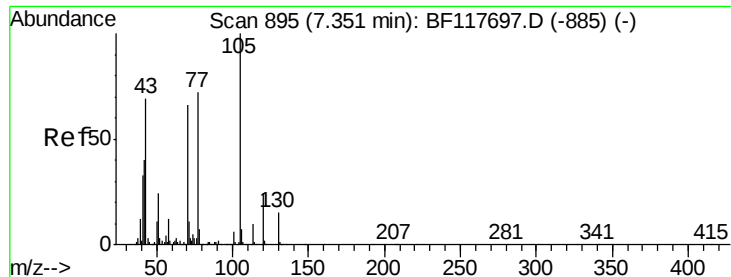
65 29.7 6.4 46.4

66 45.6 14.9 54.9



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

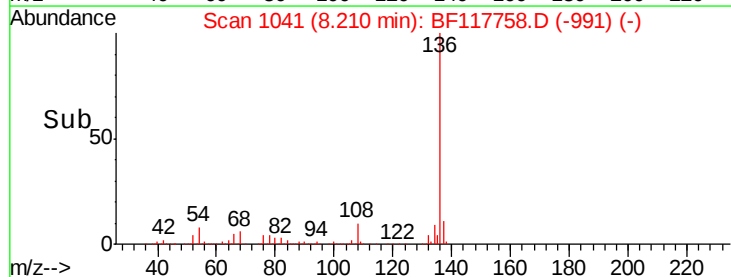
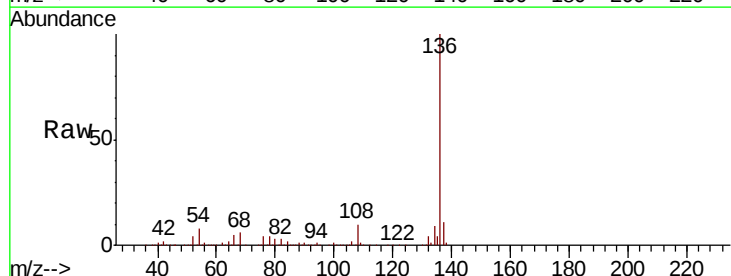
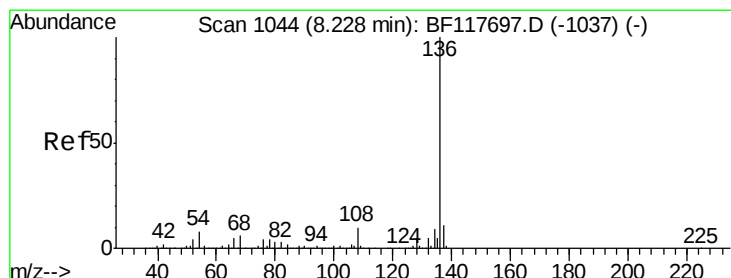
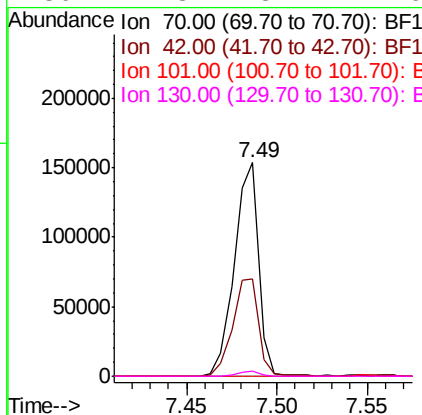




#19
n-Nitroso-di-n-propylamine
Concen: 11.114 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

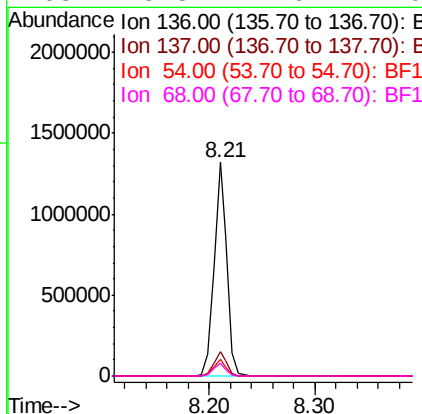
Instrument :
BNA_F
ClientSampled :
TP-16B-S

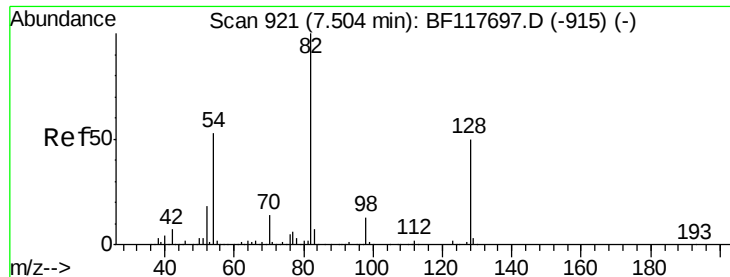
Tot Ion: 70 Resp: 143349
Ion Ratio Lower Upper
70 100
42 45.6 48.7 73.1#
101 0.0 8.4 12.6#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Tgt Ion: 136 Resp: 1127545
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.7 6.1 9.1
68 5.8 4.6 7.0

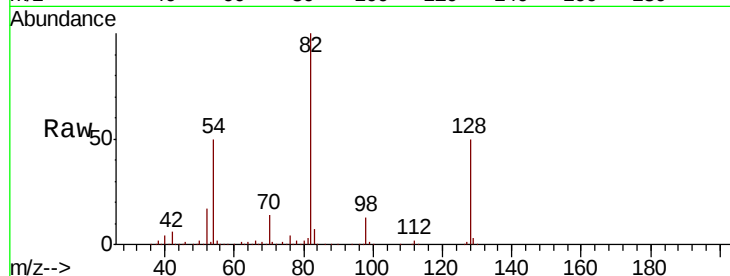




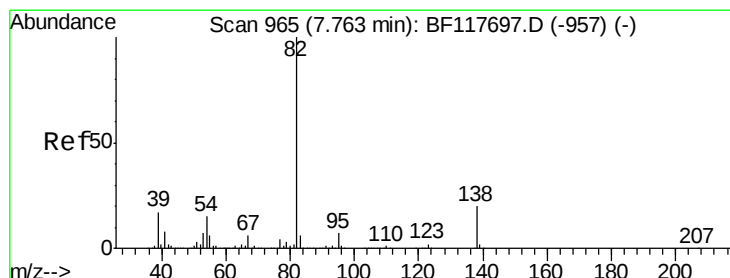
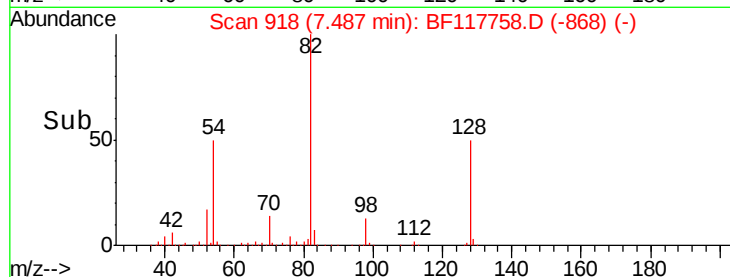
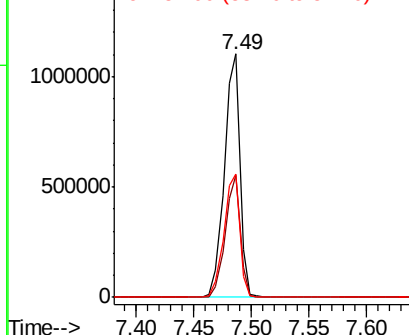
#23
Nitrobenzene-d5
Concen: 54.007 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Instrument :
BNA_F
ClientSampled :
TP-16B-S

Tot Ion: 82 Resp: 1031436
Ion Ratio Lower Upper
82 100
128 50.3 38.7 58.1
54 50.4 41.4 62.2

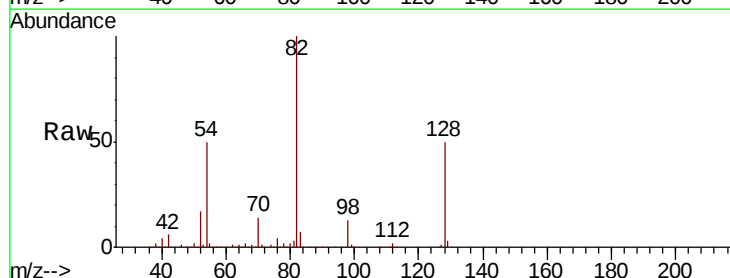


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

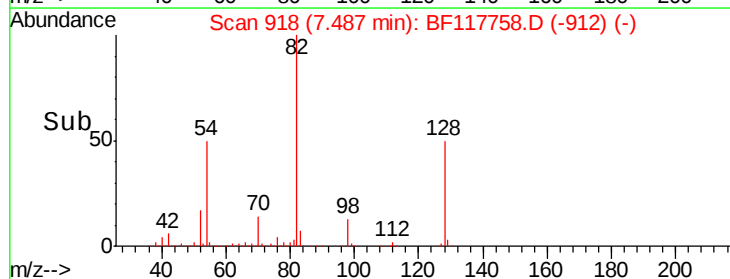
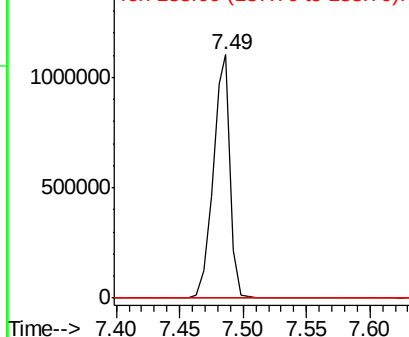


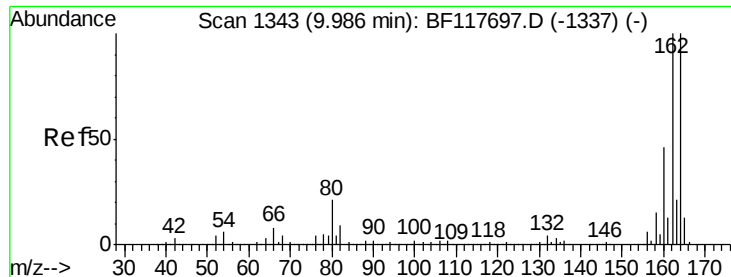
#25
Isophorone
Concen: 28.162 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Tgt Ion: 82 Resp: 1028690
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 16.0 24.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 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# 1341

Delta R.T. -0.01 min

Lab File: BF117758.D

Acq: 12 Nov 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-16B-S

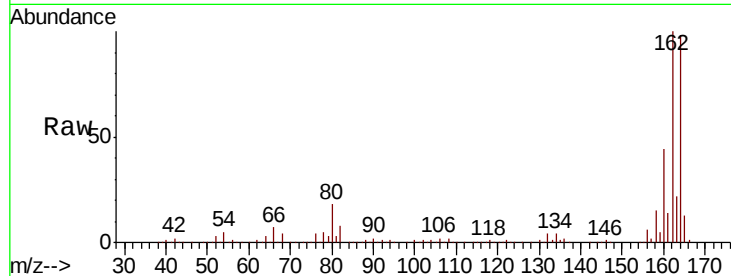
Tot Ion:164 Resp: 581699

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

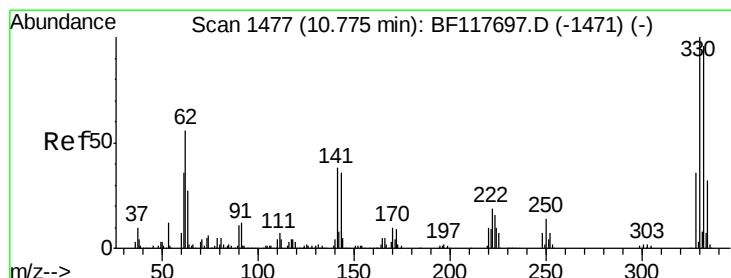
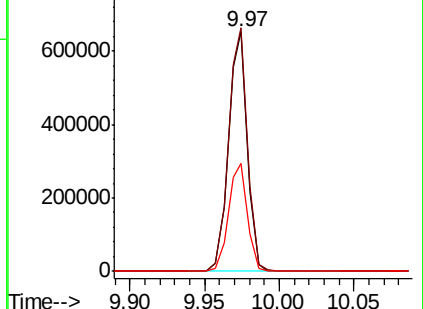
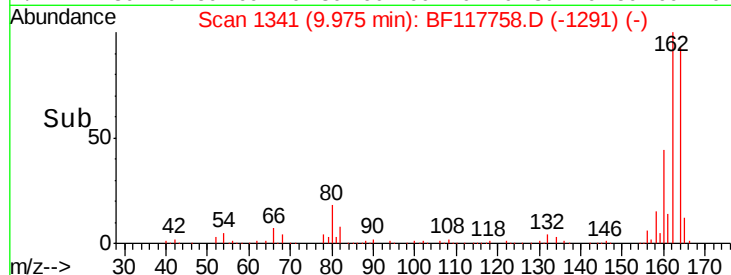
160 45.0 36.3 54.5



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: 88.286 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117758.D

Acq: 12 Nov 2019 14:41

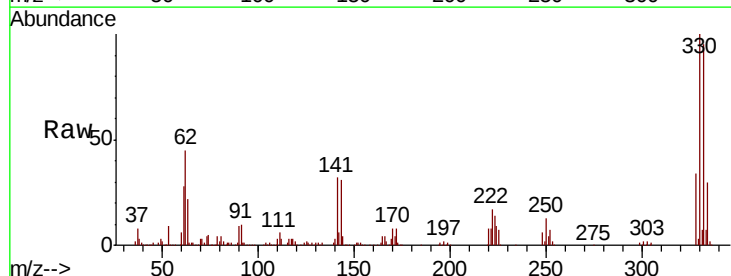
Tgt Ion:330 Resp: 502375

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

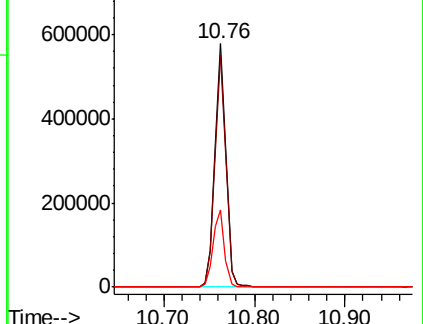
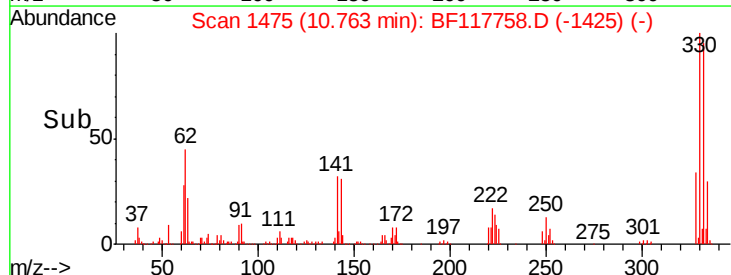
141 32.6 26.5 39.7

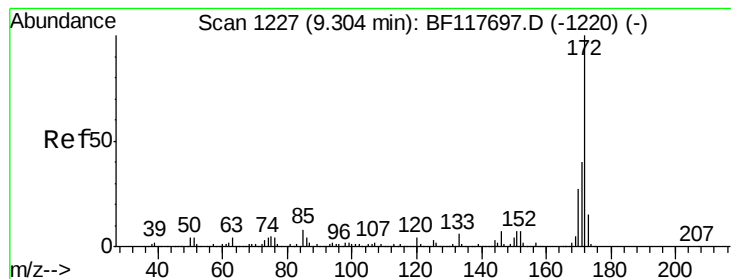


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

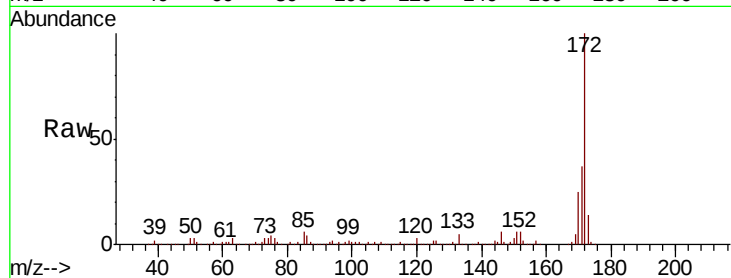




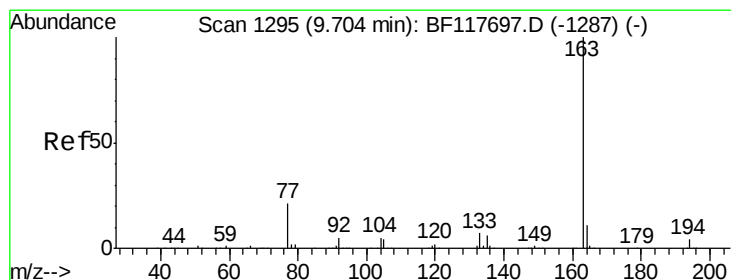
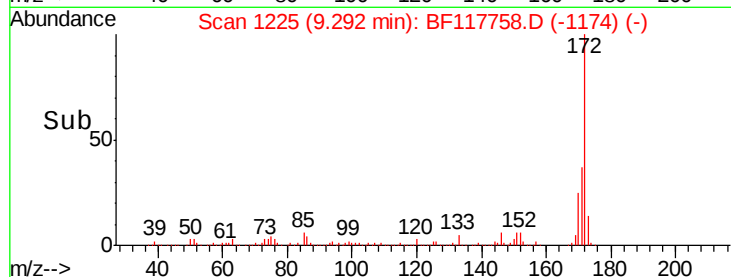
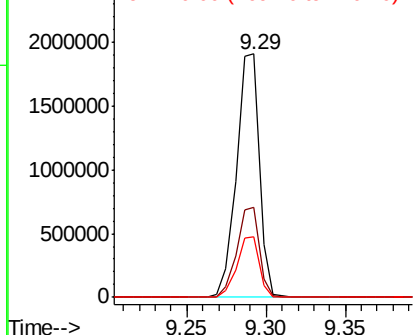
#45
2-Fluorobiphenyl
Concen: 64.997 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Instrument :
BNA_F
ClientSampled :
TP-16B-S

Tot Ion:172 Resp: 1916297
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.9 20.6 30.8

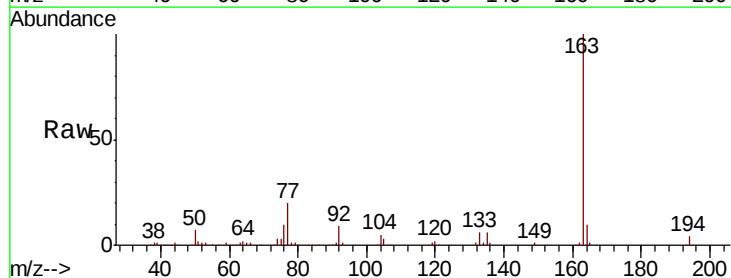


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

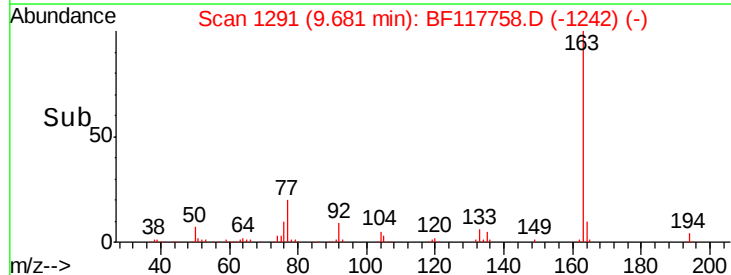
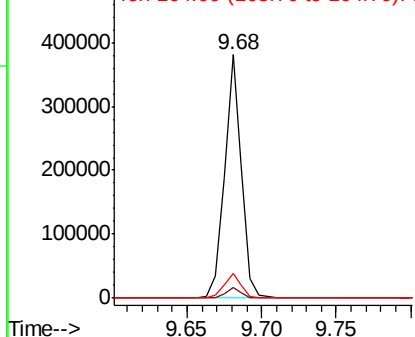


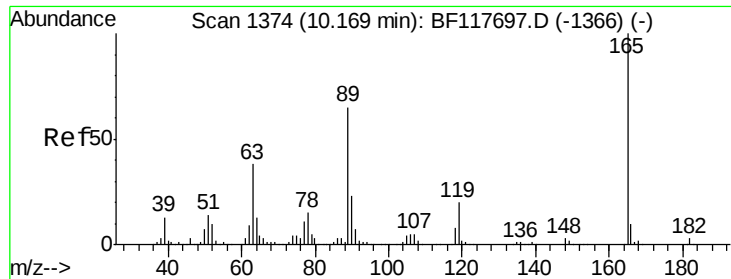
#50
Dimethylphthalate
Concen: 7.741 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Tgt Ion:163 Resp: 304405
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 8.6 13.0



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

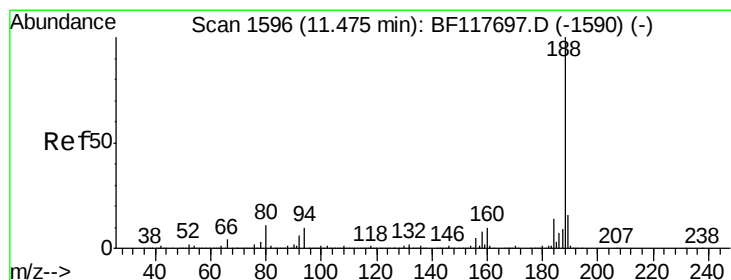
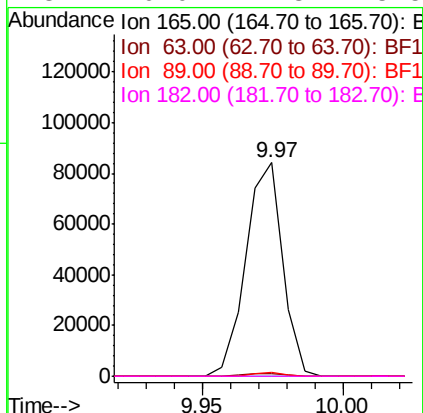
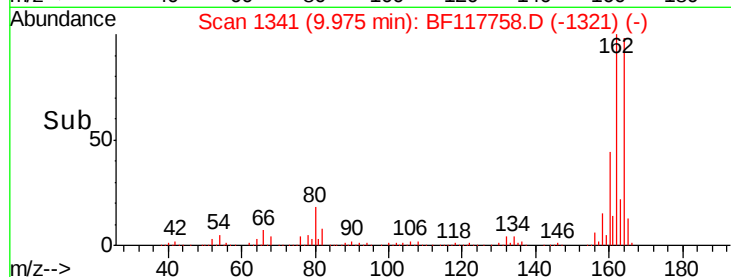
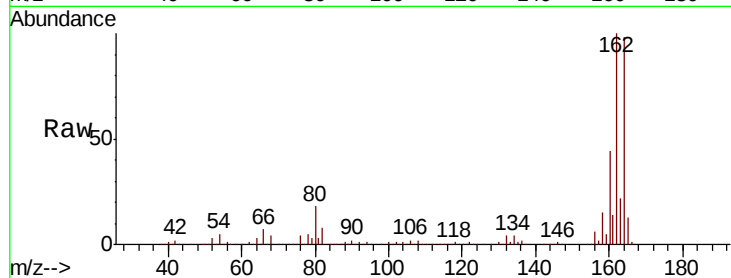




#57
 2,4-Dinitrotoluene
 Concen: 6.728 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117758.D
 Acq: 12 Nov 2019 14:41

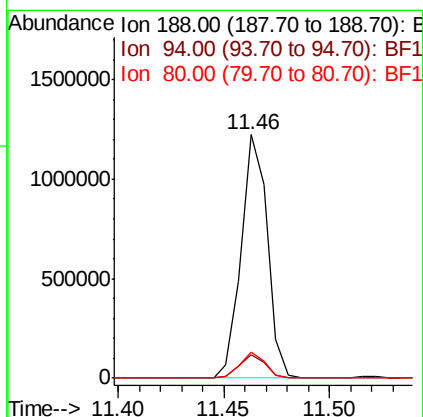
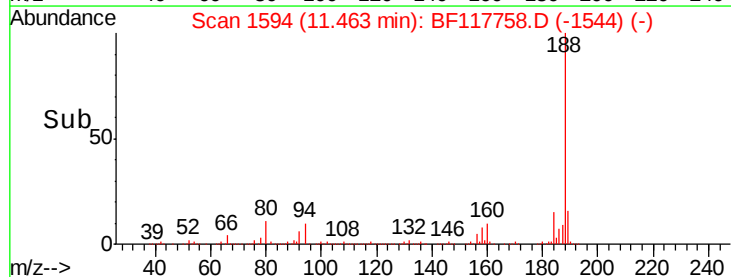
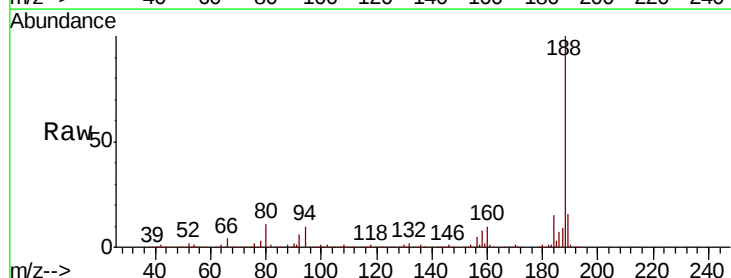
Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-S

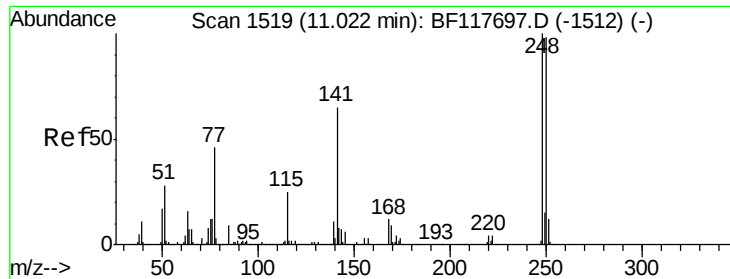
Tot Ion:165 Resp: 76001
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.4 51.6#
 89 1.7 57.8 86.8#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117758.D
 Acq: 12 Nov 2019 14:41

Tgt Ion:188 Resp: 1049639
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.4 11.2
 80 10.8 8.1 12.1

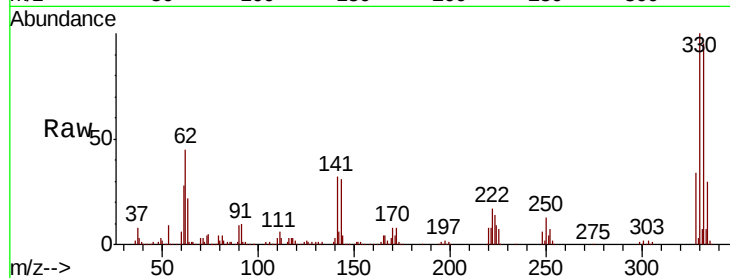




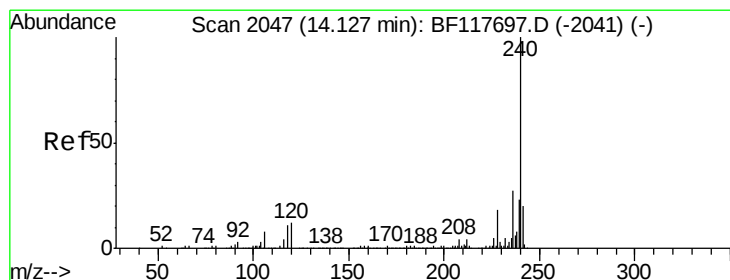
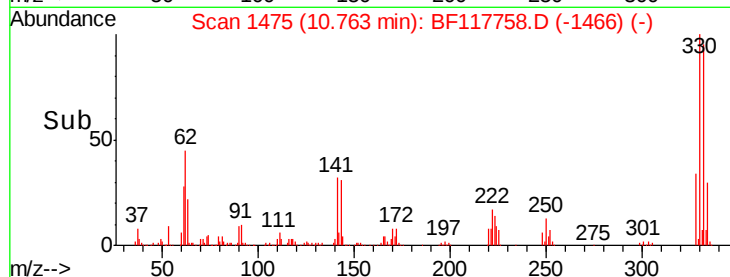
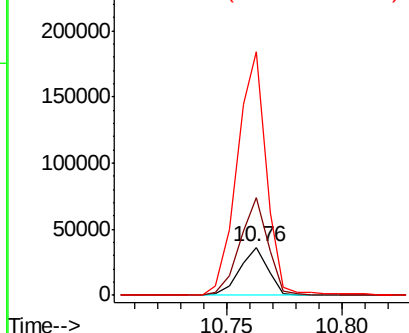
#67
4-Bromophenyl-phenylether
Concen: 2.708 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.25 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Instrument :
BNA_F
ClientSampleId :
TP-16B-S

Tot Ion:248 Resp: 31044
Ion Ratio Lower Upper
248 100
250 204.2 77.8 116.6#
141 505.8 58.6 88.0#

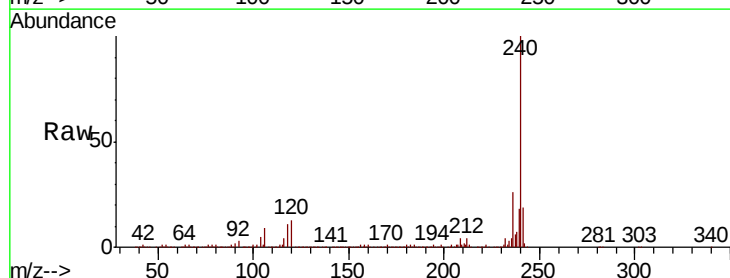


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

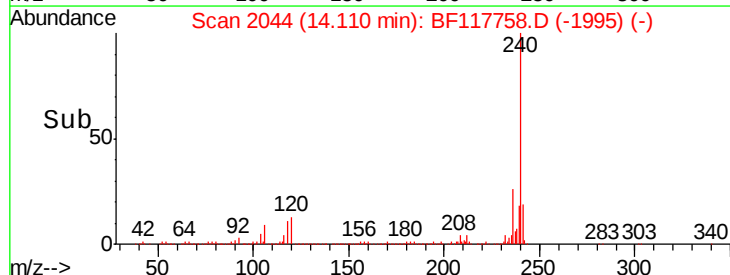
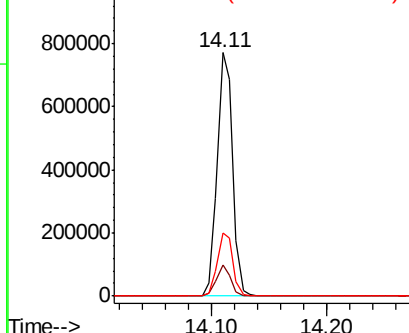


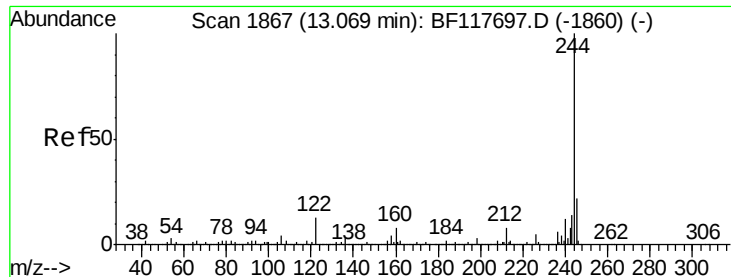
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117758.D
Acq: 12 Nov 2019 14:41

Tgt Ion:240 Resp: 712293
Ion Ratio Lower Upper
240 100
120 12.9 9.3 13.9
236 26.1 21.4 32.0



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

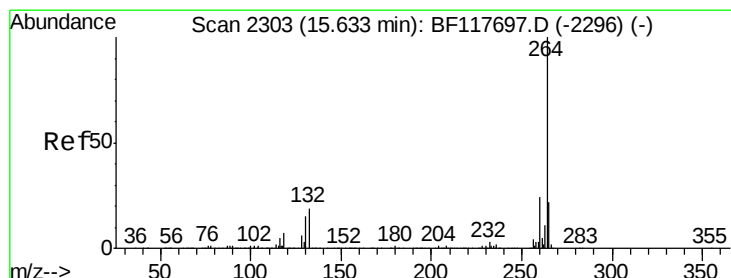
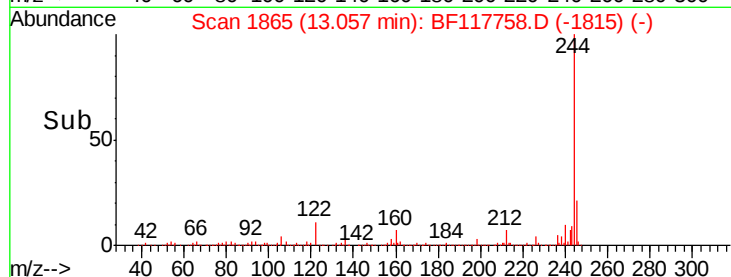
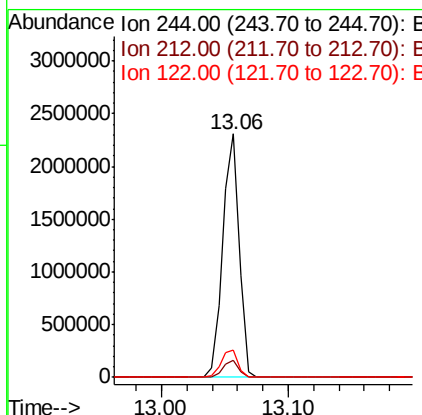
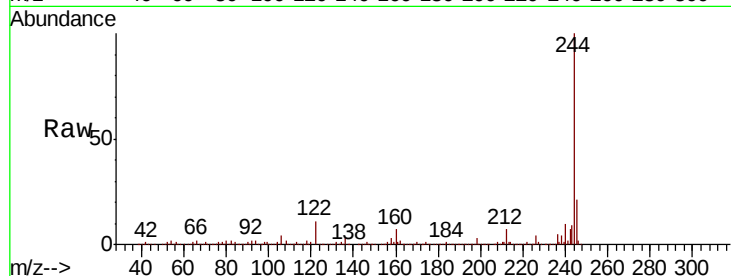




#79
 Terphenyl-d14
 Concen: 60.462 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117758.D
 Acq: 12 Nov 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-16B-S

Tot Ion:244 Resp: 2092055
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 11.1 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BF117758.D
 Acq: 12 Nov 2019 14:41

Tgt Ion:264 Resp: 758031
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.0 17.2 25.8

