

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117762.D
 Acq On : 12 Nov 2019 16:29
 Operator : JU
 Sample : K5789-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-S

Quant Time: Nov 13 01:12:37 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

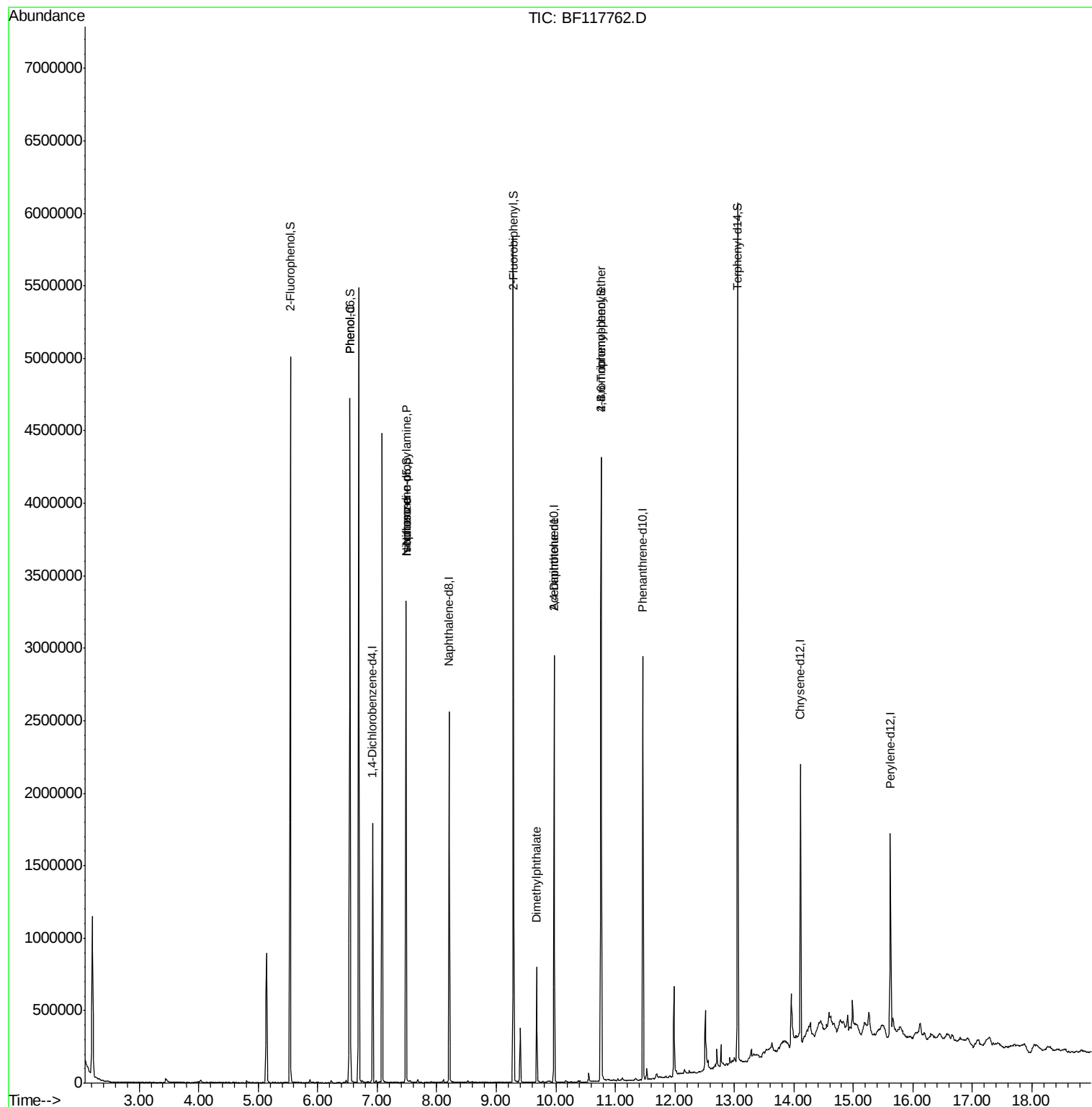
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	273027	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1072219	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	567173	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1043750	20.00	ng	0.00
76) Chrysene-d12	14.11	240	627041	20.00	ng	-0.01
87) Perylene-d12	15.62	264	687679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1351967	89.63	ng	0.00
7) Phenol-d6	6.55	99	1697270	91.26	ng	0.00
23) Nitrobenzene-d5	7.49	82	1039021	57.21	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	518157	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1914729	66.61	ng	0.00
79) Terphenyl-d14	13.06	244	1966187	64.55	ng	0.00
Target Compounds						
10) Phenol	6.55	94	92464	4.614	ng	86
19) n-Nitroso-di-n-propylamine	7.49	70	142835	11.680	ng	# 75
25) Isophorone	7.49	82	1037232	29.861	ng	# 63
50) Dimethylphthalate	9.68	163	288835	7.533	ng	98
57) 2,4-Dinitrotoluene	9.97	165	73951	6.714	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	32671	2.866	ng	# 1

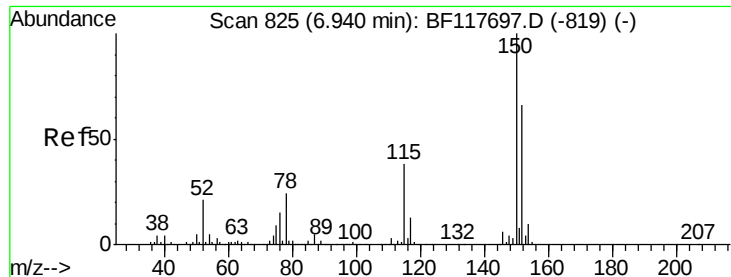
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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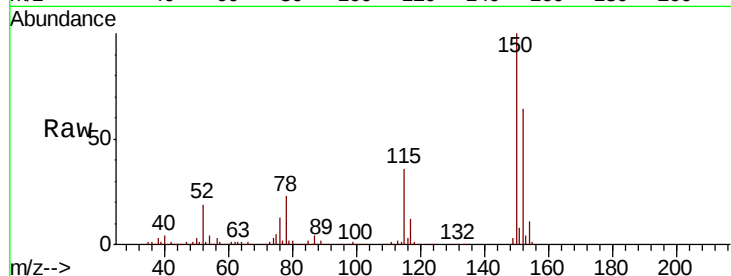


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	190.0
115	56.5	47.6	71.4

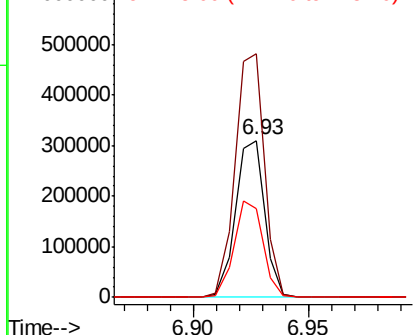
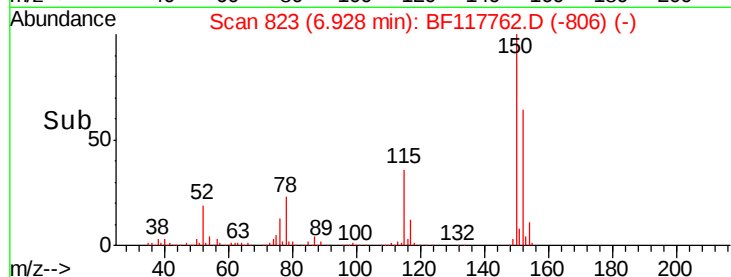


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

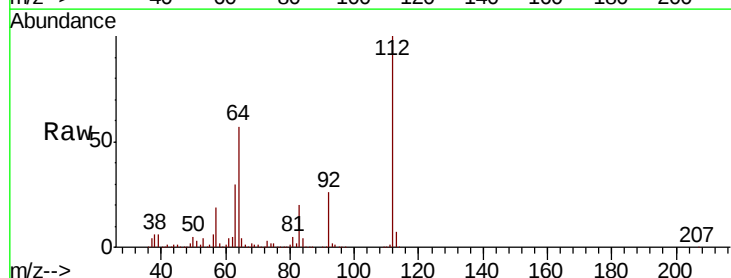
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.635 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.5	65.3
63	30.3	23.5	35.3

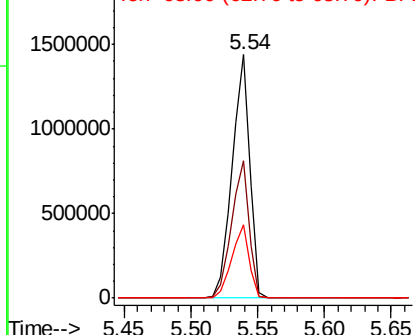
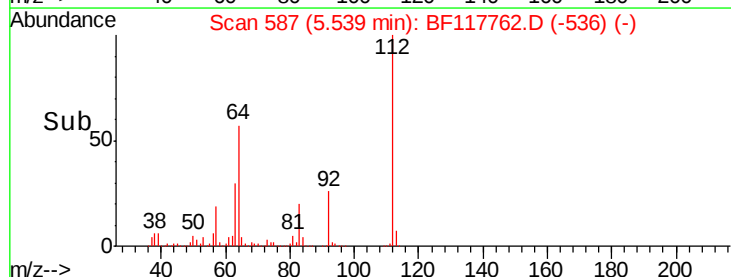


Abundance

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: 91.261 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

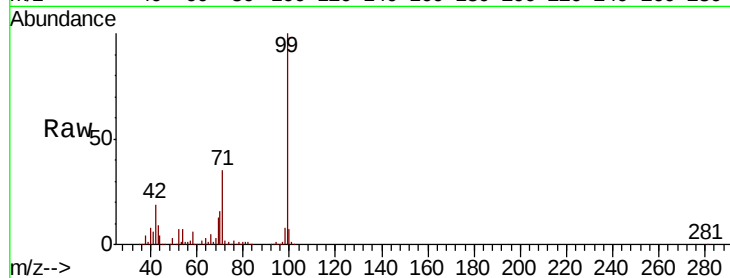
BNA_F

ClientSampleId :

TP-17-S

Tot Ion: 99 Resp: 1697270

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.3	22.9
71	35.3	28.2	42.2

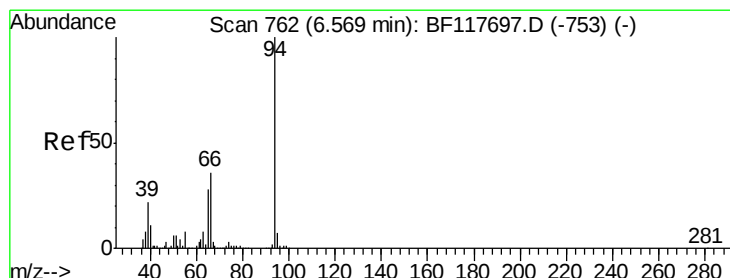
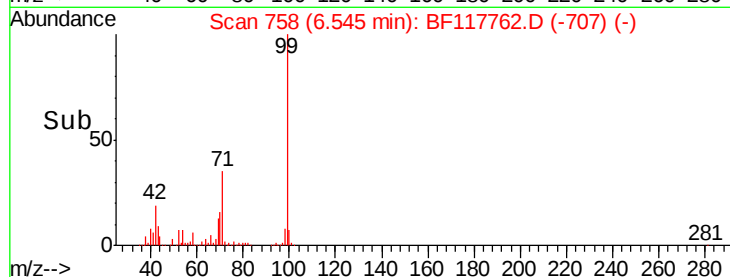
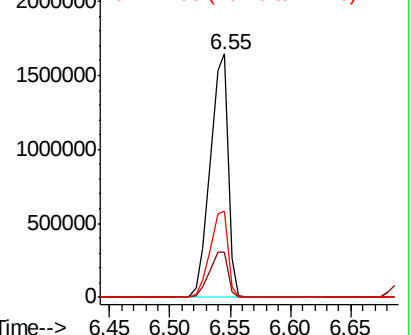


Abundance

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: 4.614 ng

RT: 6.55 min Scan# 759

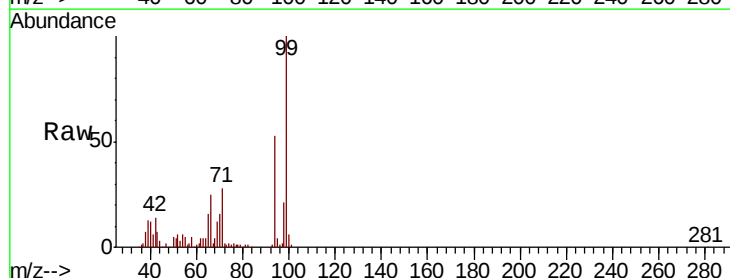
Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Tgt Ion: 94 Resp: 92464

Ion	Ratio	Lower	Upper
94	100		
65	30.5	6.4	46.4
66	46.0	14.9	54.9

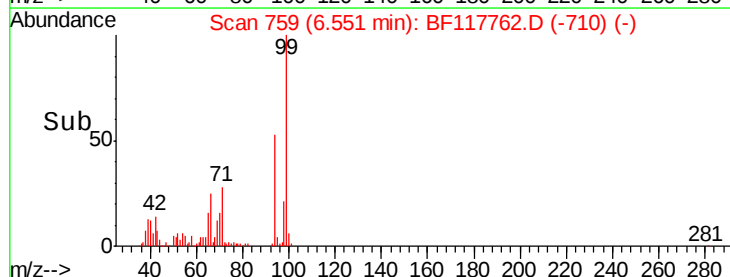
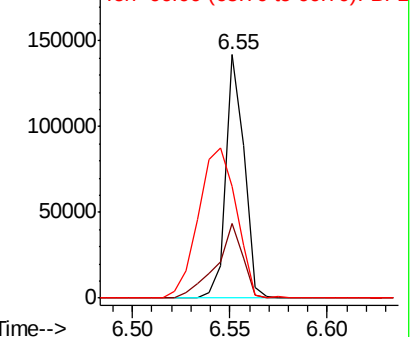


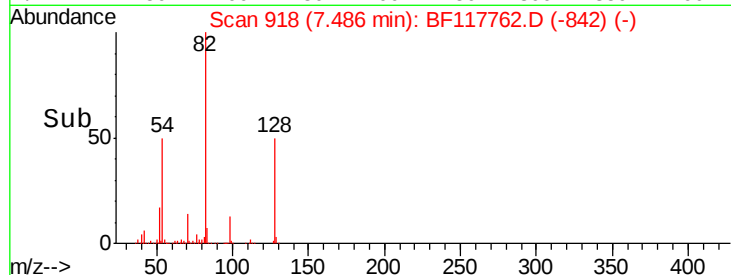
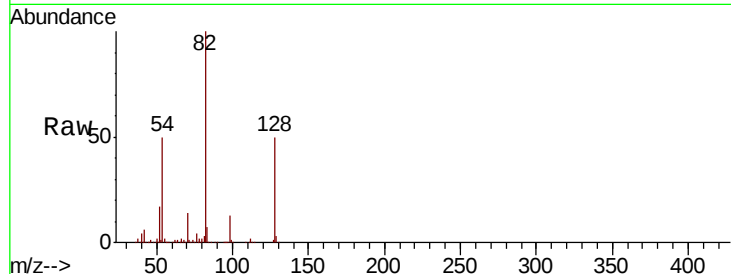
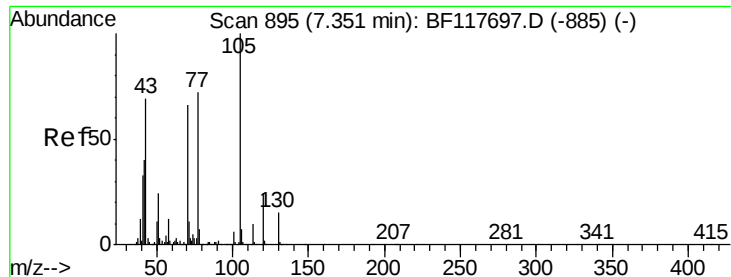
Abundance

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

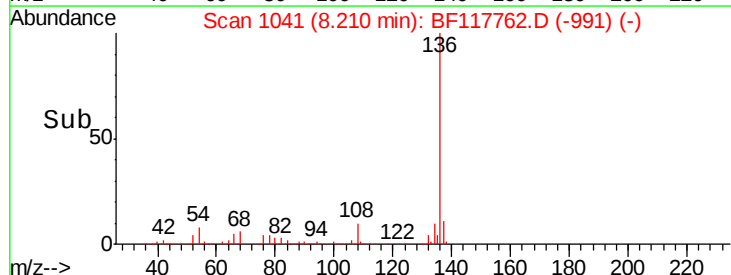
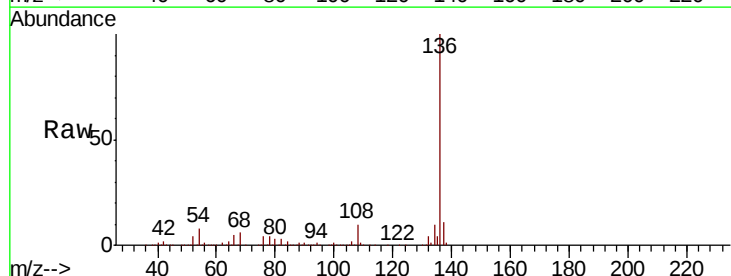
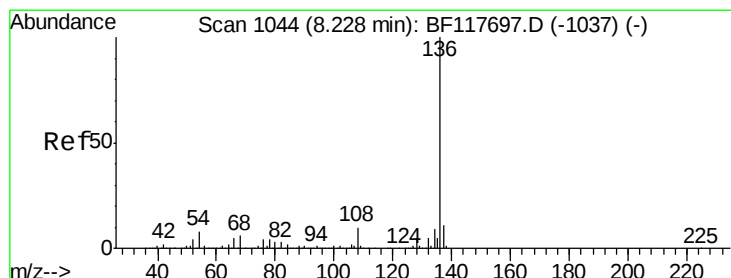
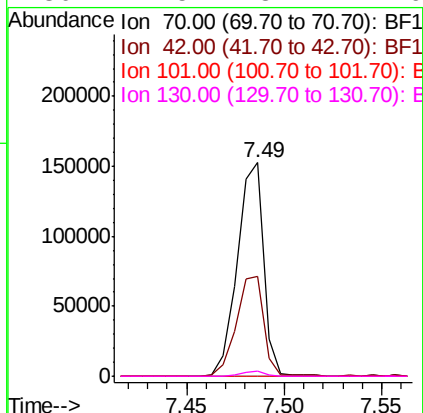




#19
n-Nitroso-di-n-propylamine
Concen: 11.680 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

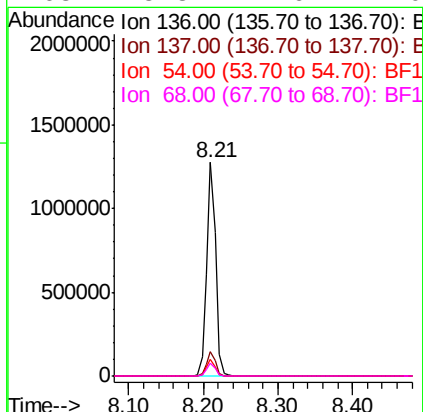
Instrument :
BNA_F
ClientSampleId :
TP-17-S

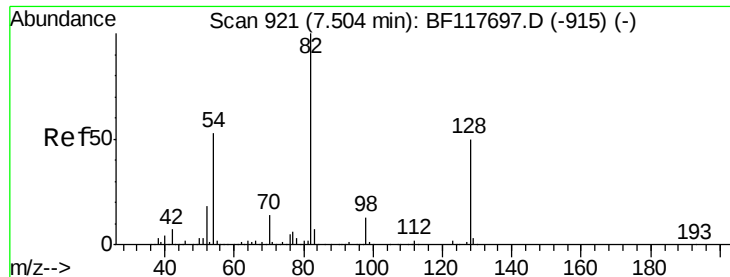
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	48.7	73.1#
101	0.0	8.4	12.6#
130	2.5	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.6	6.1	9.1
68	5.8	4.6	7.0

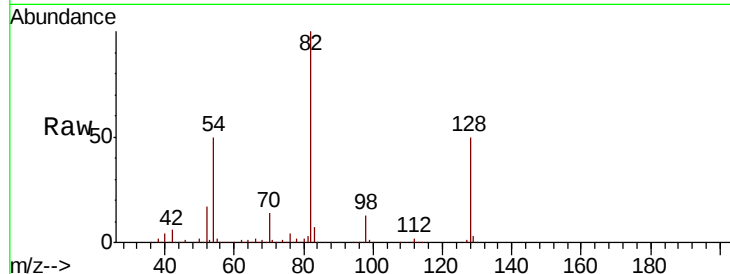




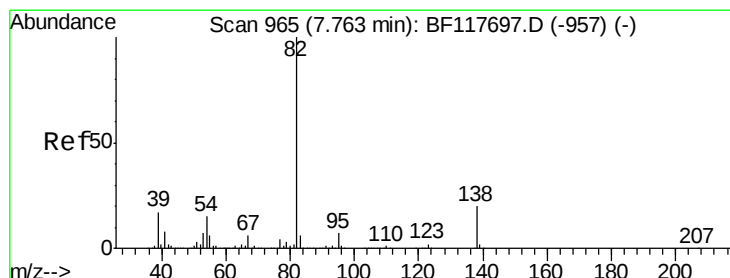
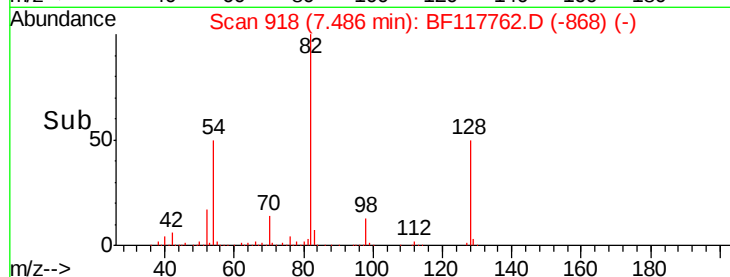
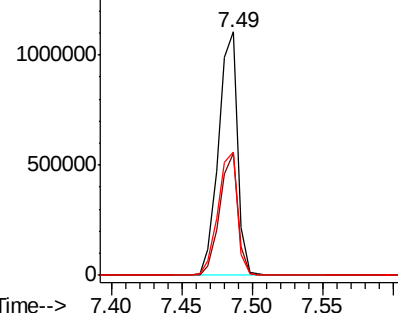
#23
Nitrobenzene-d5
Concen: 57.211 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampled :
TP-17-S

Tot Ion: 82 Resp: 1039021
Ion Ratio Lower Upper
82 100
128 50.0 38.7 58.1
54 50.5 41.4 62.2

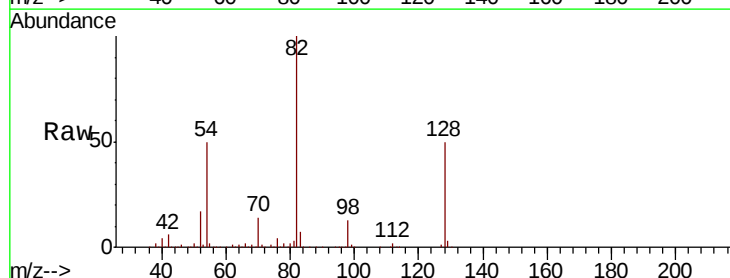


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

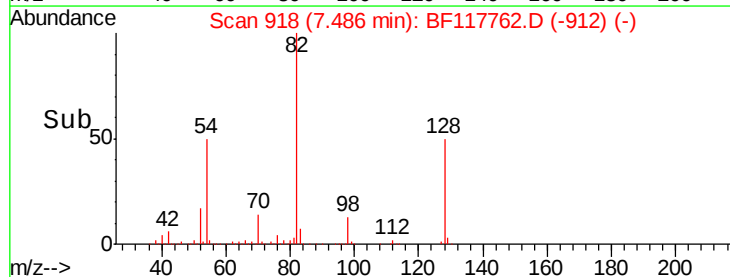
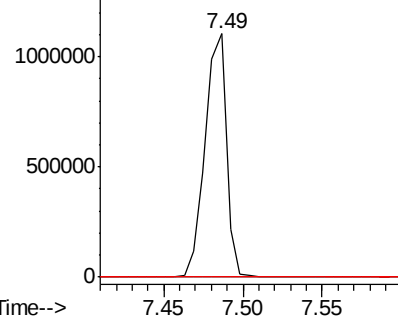


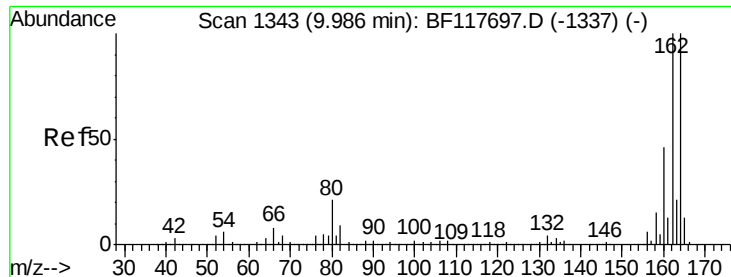
#25
Isophorone
Concen: 29.861 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion: 82 Resp: 1037232
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: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

BNA_F

ClientSampleId :

TP-17-S

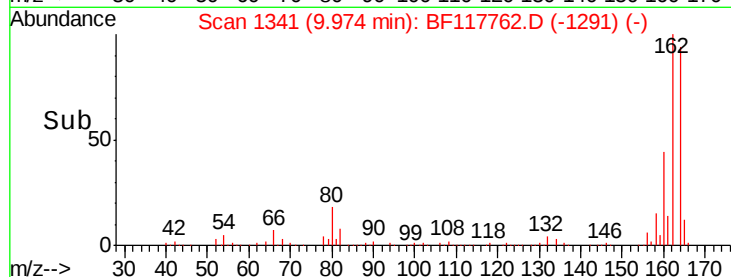
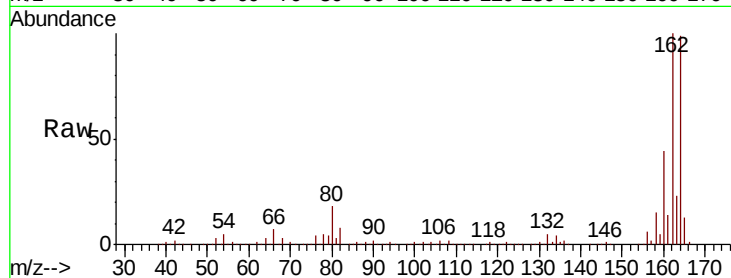
Tot Ion:164 Resp: 567173

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

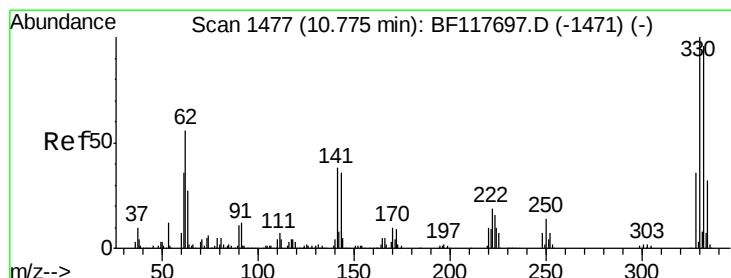
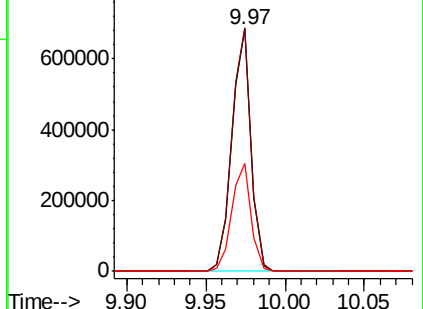
160 44.7 36.3 54.5



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: 93.391 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

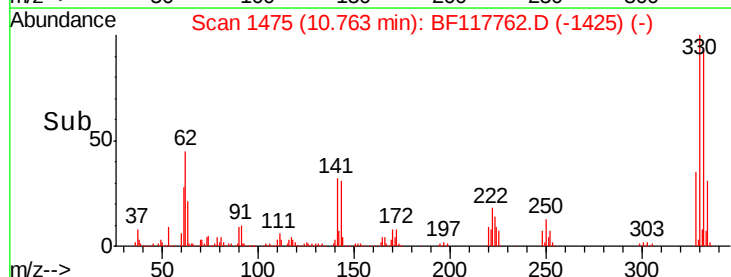
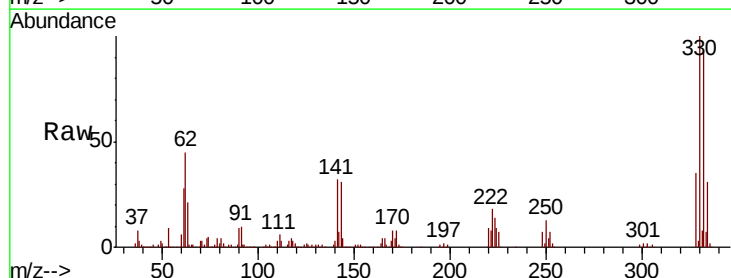
Tgt Ion:330 Resp: 518157

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

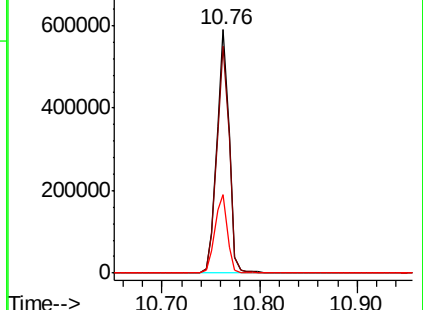
141 33.3 26.5 39.7

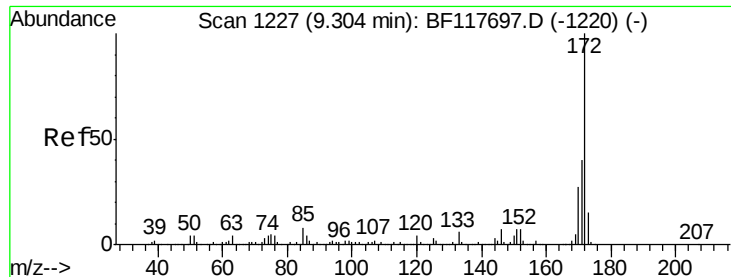


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

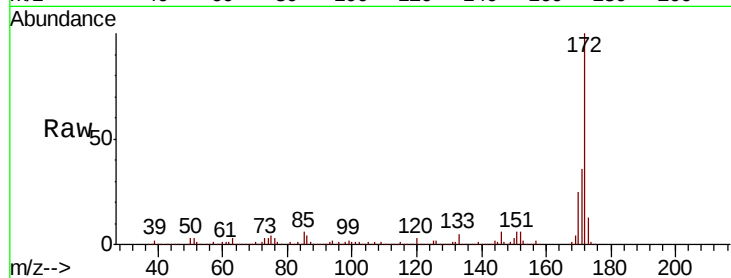




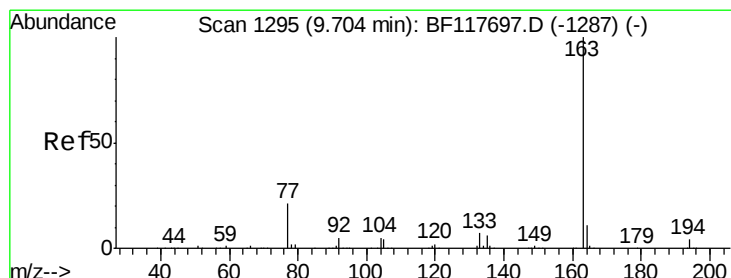
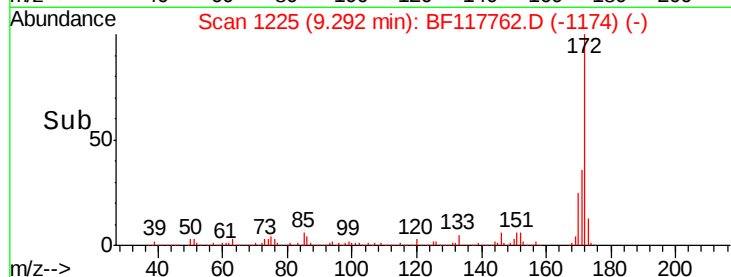
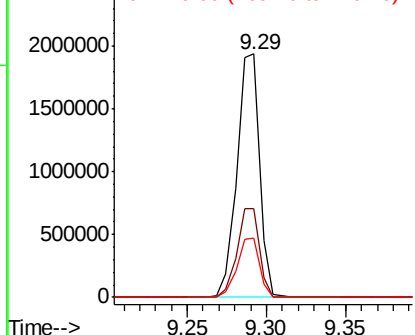
#45
2-Fluorobiphenyl
Concen: 66.607 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Instrument :
BNA_F
ClientSampleId :
TP-17-S

Tot Ion:172 Resp: 1914729
Ion Ratio Lower Upper
172 100
171 36.5 30.7 46.1
170 24.6 20.6 30.8

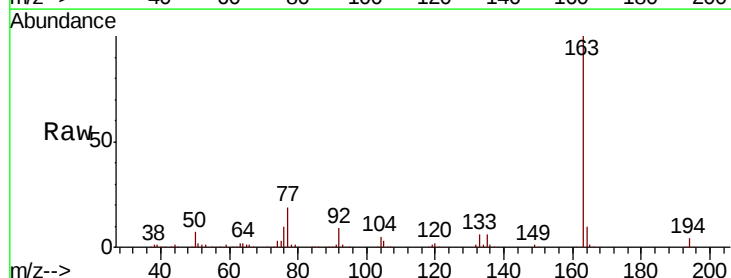


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

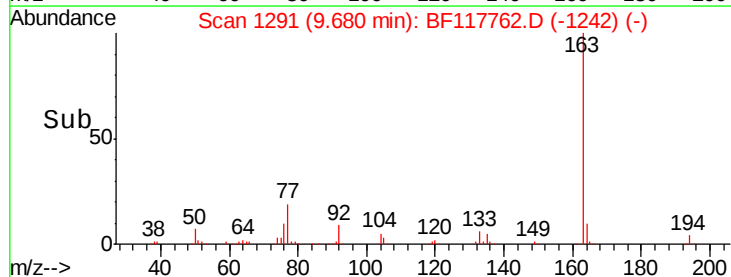
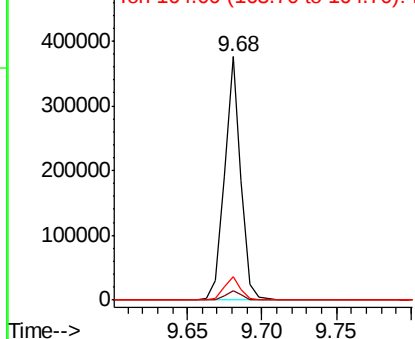


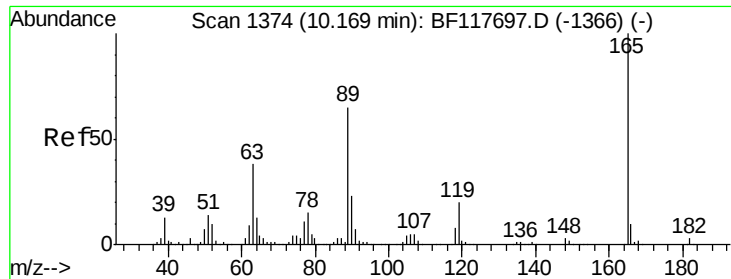
#50
Dimethylphthalate
Concen: 7.533 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117762.D
Acq: 12 Nov 2019 16:29

Tgt Ion:163 Resp: 288835
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.6 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

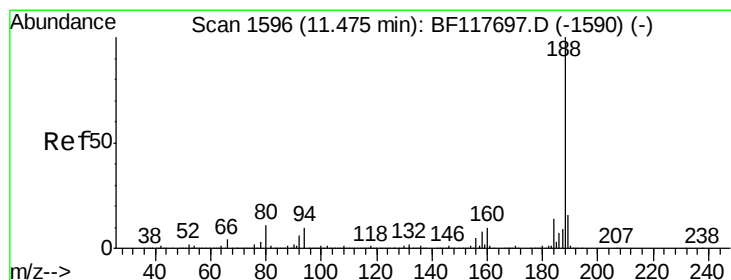
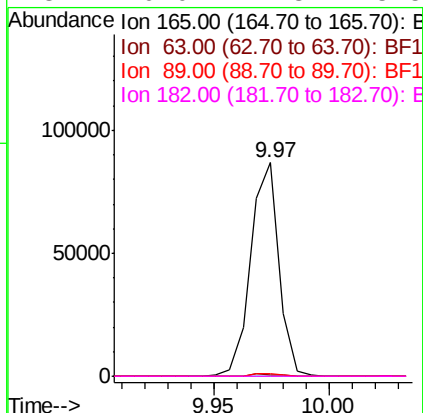
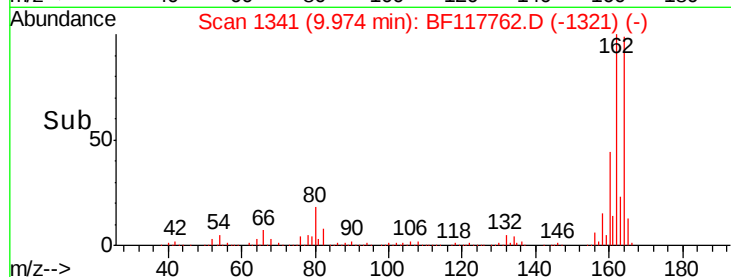
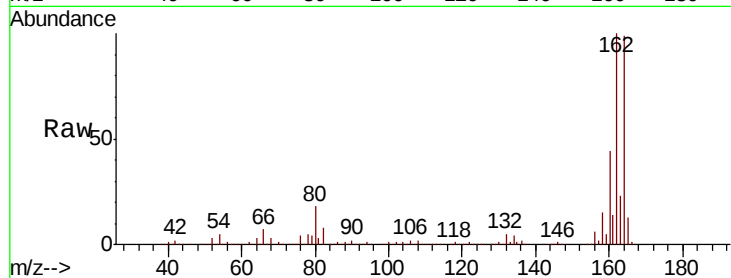




#57
 2,4-Dinitrotoluene
 Concen: 6.714 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117762.D
 Acq: 12 Nov 2019 16:29

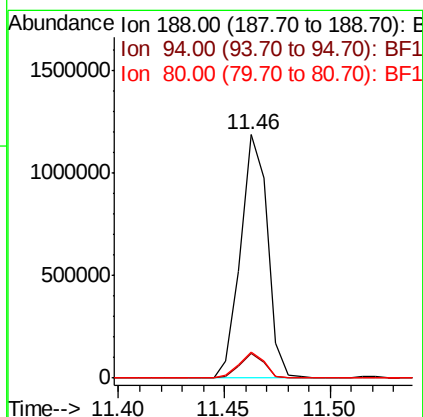
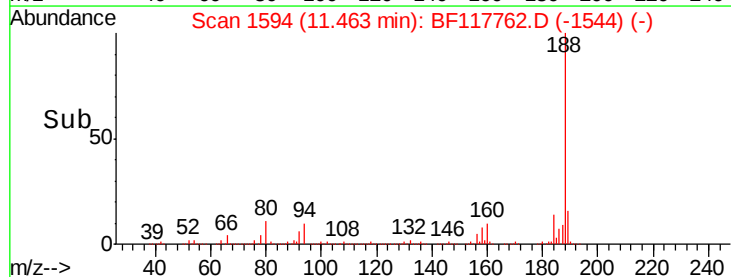
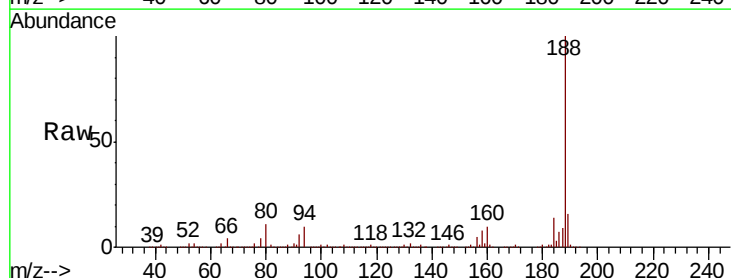
Instrument :
 BNA_F
 ClientSampled :
 TP-17-S

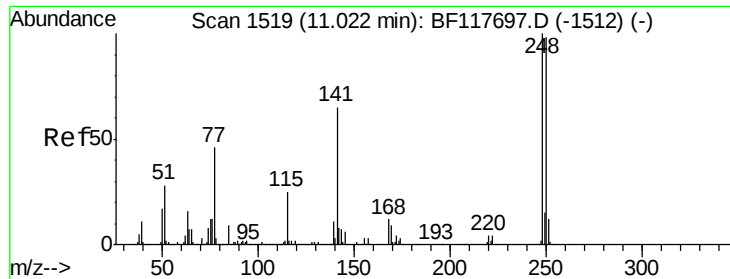
Tot Ion:165	Resp:	73951
Ion Ratio	Lower	Upper
165	100	
63	0.9	34.4 51.6#
89	1.4	57.8 86.8#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117762.D
 Acq: 12 Nov 2019 16:29

Tgt Ion:188	Resp:	1043750
Ion Ratio	Lower	Upper
188	100	
94	10.2	7.4 11.2
80	10.7	8.1 12.1

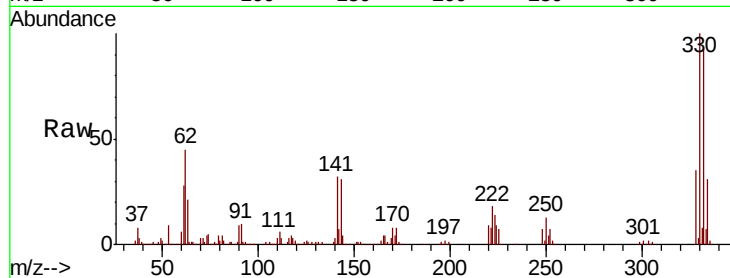




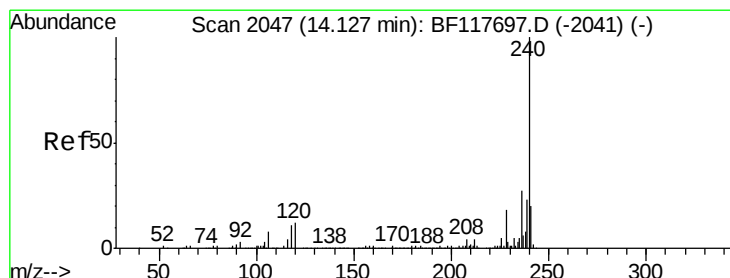
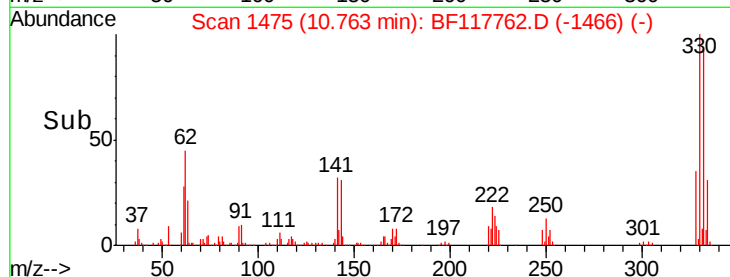
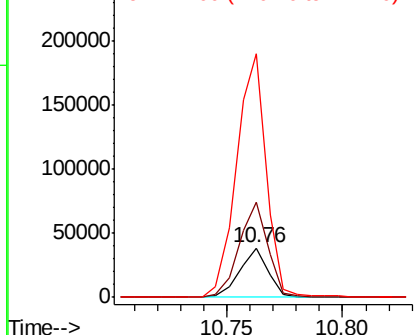
#67
 4-Bromophenyl-phenylether
 Concen: 2.866 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.25 min
 Lab File: BF117762.D
 Acq: 12 Nov 2019 16:29

Instrument :
 BNA_F
 ClientSampled :
 TP-17-S

Tot Ion:248 Resp: 32671
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.8 116.6#
 141 491.8 58.6 88.0#

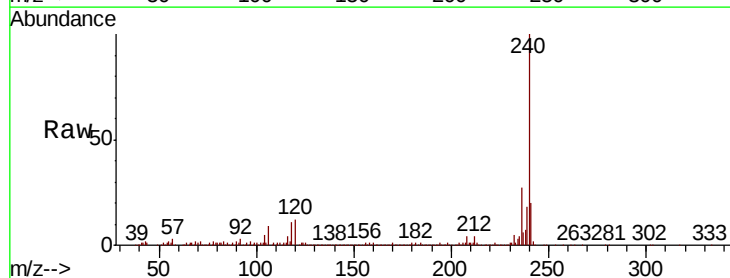


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

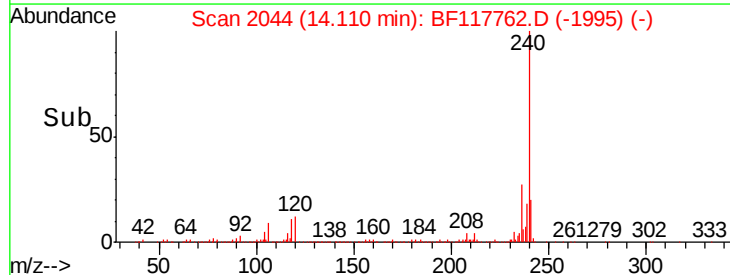
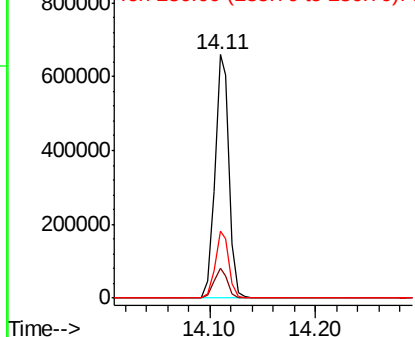


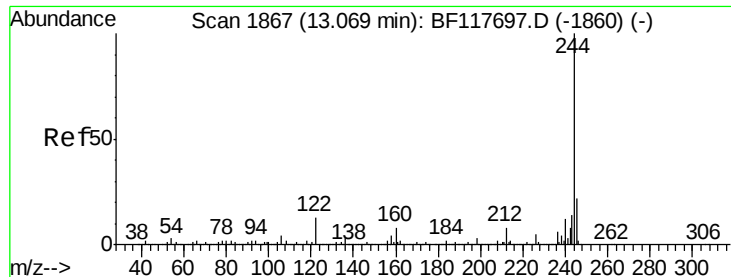
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117762.D
 Acq: 12 Nov 2019 16:29

Tgt Ion:240 Resp: 627041
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.3 13.9
 236 27.3 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: 64.550 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

Instrument :

BNA_F

ClientSampleId :

TP-17-S

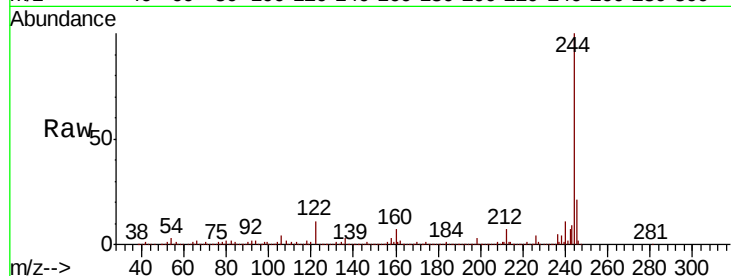
Tot Ion:244 Resp: 1966187

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

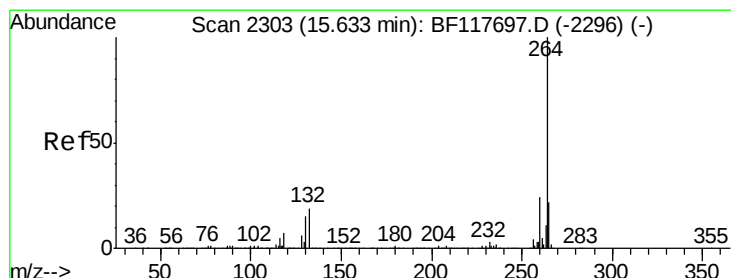
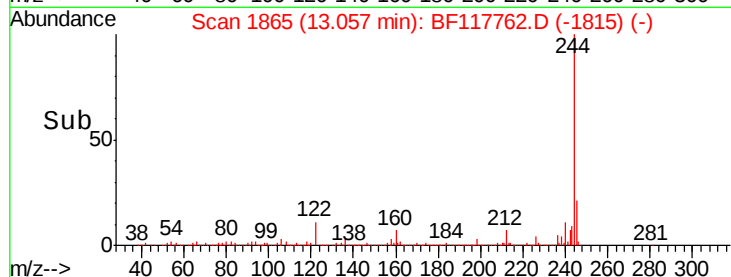
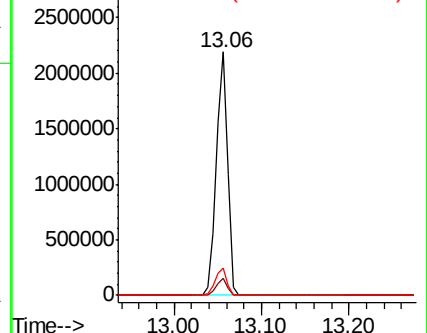
122 11.1 9.1 13.7



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# 2301

Delta R.T. -0.01 min

Lab File: BF117762.D

Acq: 12 Nov 2019 16:29

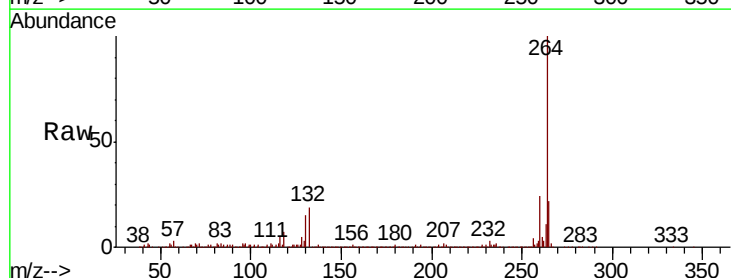
Tgt Ion:264 Resp: 687679

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.1 17.2 25.8



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

