

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117707.D
 Acq On : 7 Nov 2019 16:26
 Operator : JU
 Sample : K5710-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP- 32-S

Quant Time: Nov 08 01:24:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

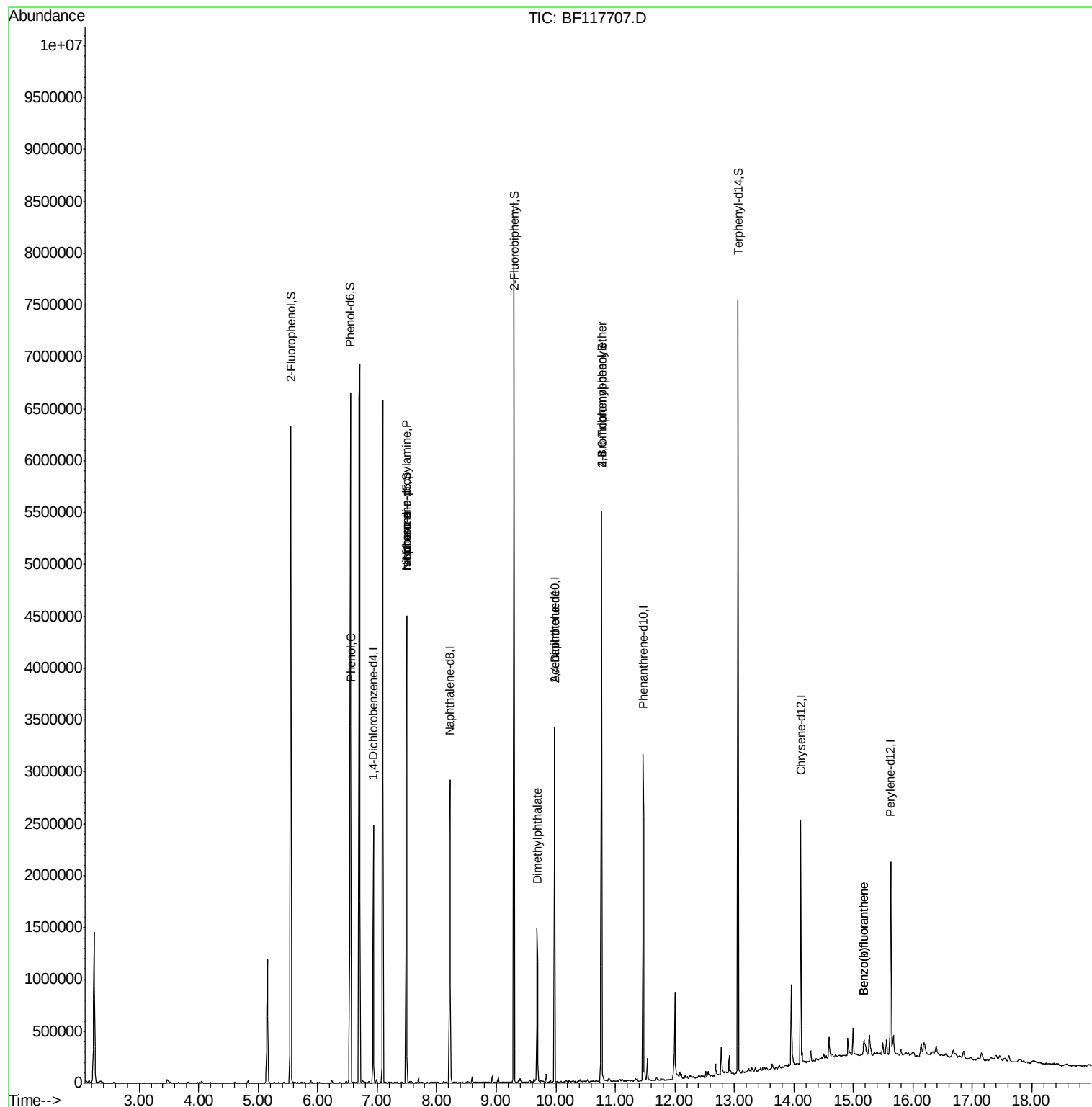
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	323553	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1242049	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	645171	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1125179	20.00	ng	0.00
76) Chrysene-d12	14.12	240	692820	20.00	ng	-0.01
87) Perylene-d12	15.63	264	862875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1910160	106.87	ng	0.00
7) Phenol-d6	6.55	99	2399007	108.85	ng	0.00
23) Nitrobenzene-d5	7.49	82	1454969	69.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	615702	97.56	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2588752	79.17	ng	0.00
79) Terphenyl-d14	13.06	244	2374420	70.55	ng	0.00
Target Compounds						
10) Phenol	6.56	94	91916	3.870	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.49	70	201036	13.873	ng	# 78
25) Isophorone	7.49	82	1453229	36.116	ng	# 62
50) Dimethylphthalate	9.69	163	558773	12.811	ng	98
57) 2,4-Dinitrotoluene	9.98	165	84775	6.767	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	38796	3.157	ng	# 1
88) Benzo(b)fluoranthene	15.18	252	110608	2.035	ng	# 95
89) Benzo(k)fluoranthene	15.18	252	110608	2.282	ng	# 94

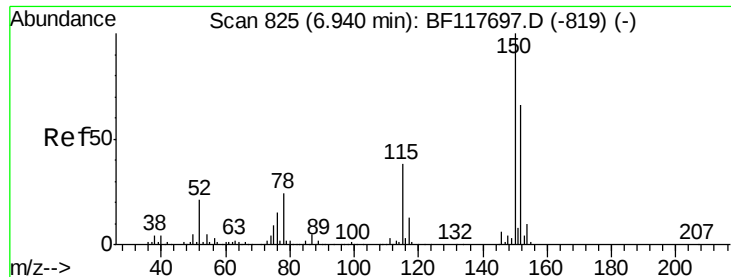
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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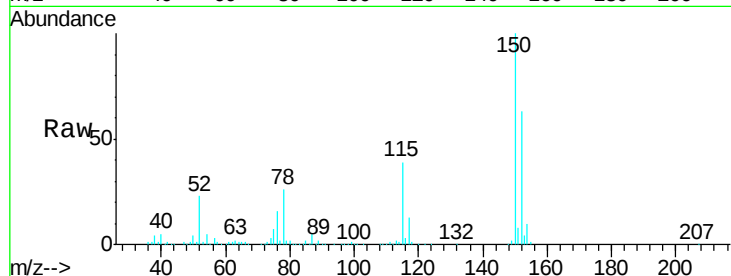


#1

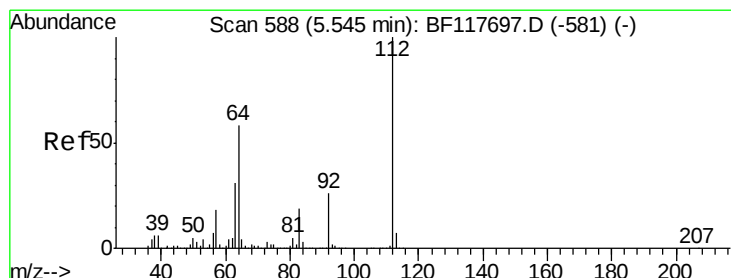
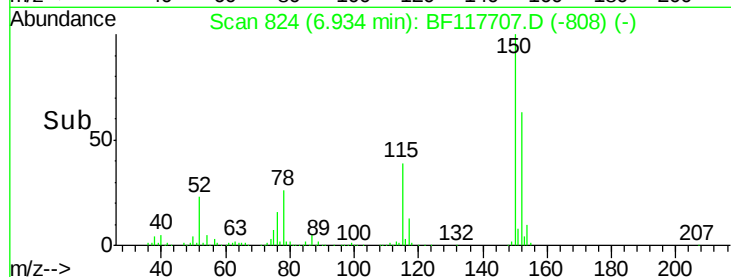
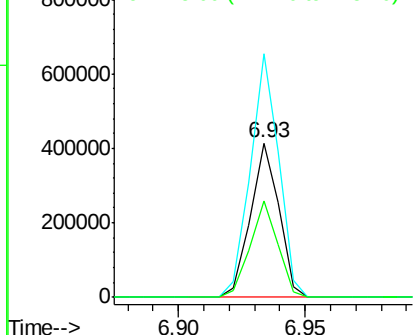
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Instrument :
BNA_F
ClientSampleId :
TP- 32-S

Tgt Ion:152 Resp: 323553
Ion Ratio Lower Upper
152 100
150 158.0 121.4 182.2
115 62.4 46.7 70.1



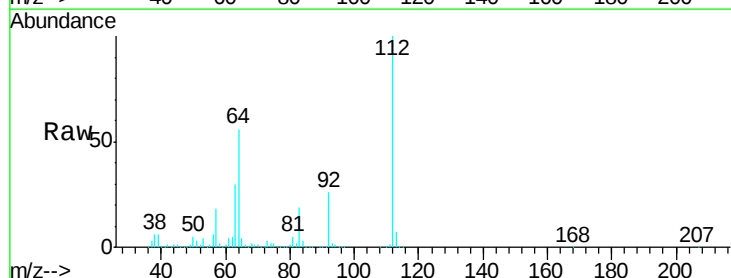
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



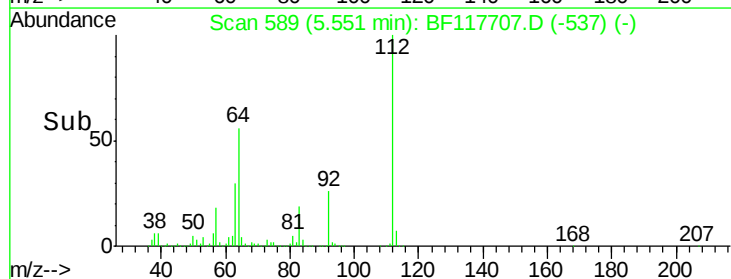
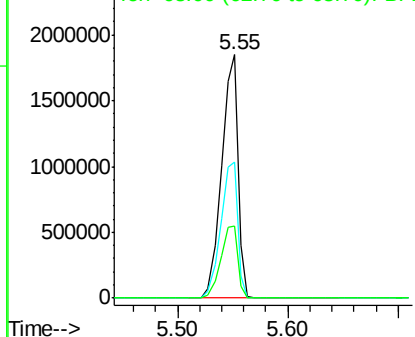
#5

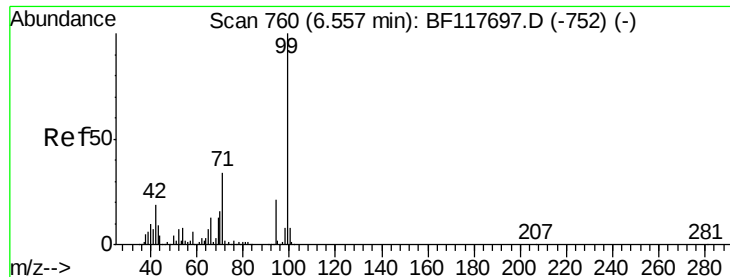
2-Fluorophenol
Concen: 106.866 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Tgt Ion:112 Resp: 1910160
Ion Ratio Lower Upper
112 100
64 55.7 46.4 69.6
63 29.7 24.6 37.0



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: 108.850 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

Instrument :

BNA_F

ClientSampleId :

TP- 32-S

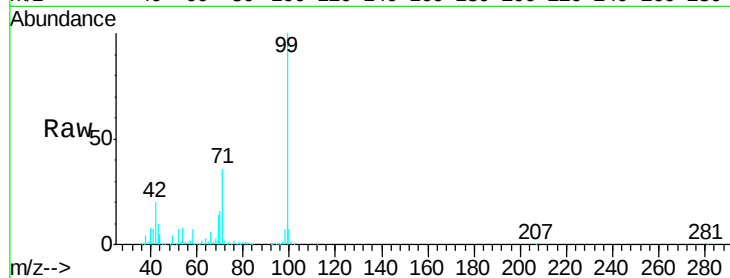
Tgt Ion: 99 Resp: 2399007

Ion Ratio Lower Upper

99 100

42 20.5 15.3 22.9

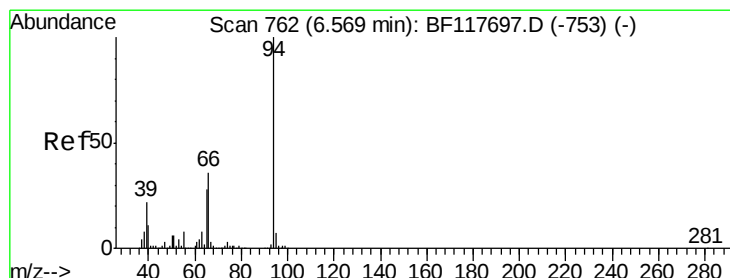
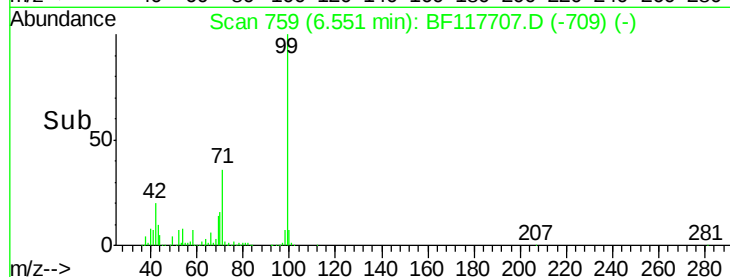
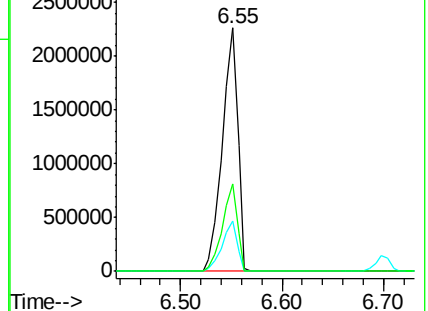
71 36.0 26.8 40.2



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: 3.870 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

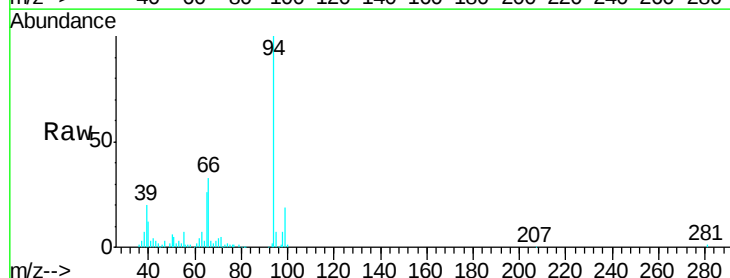
Tgt Ion: 94 Resp: 91916

Ion Ratio Lower Upper

94 100

65 26.0 7.6 47.6

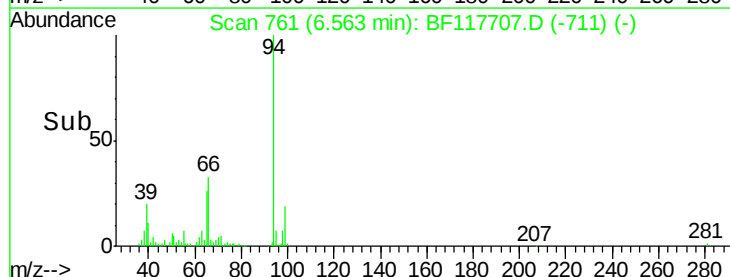
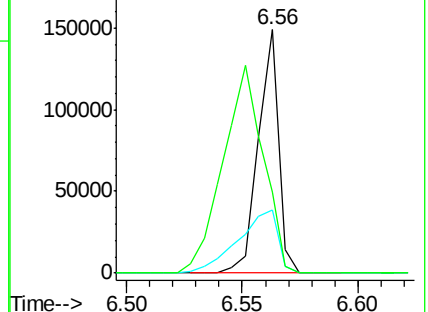
66 33.1 16.1 56.1

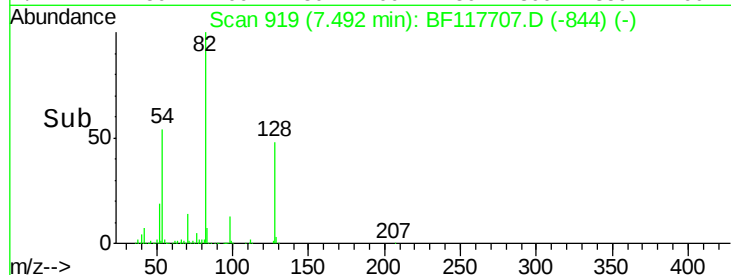
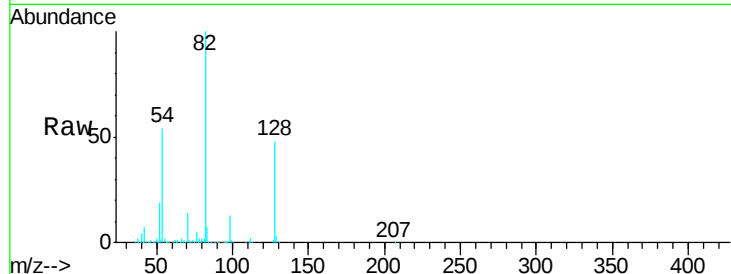
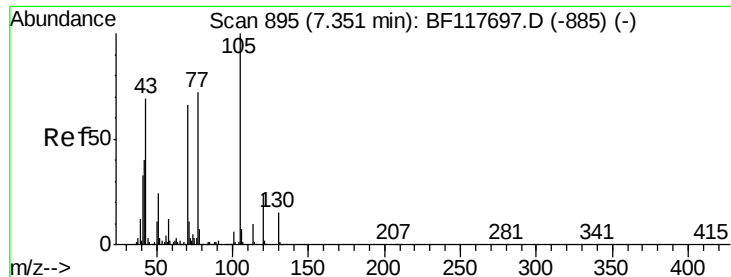


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

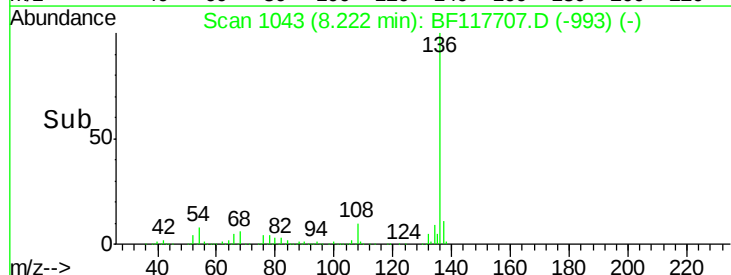
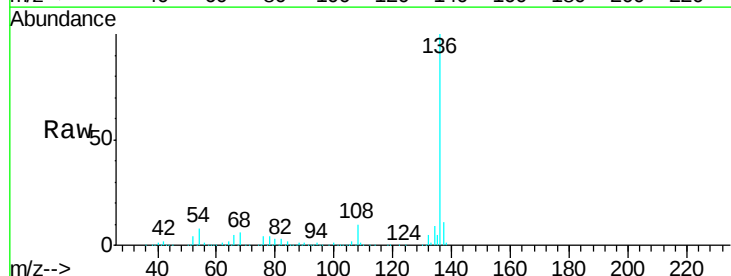
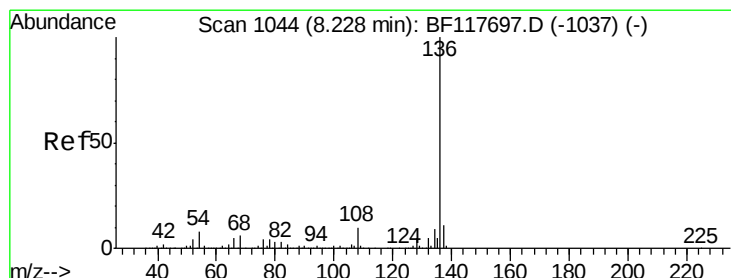
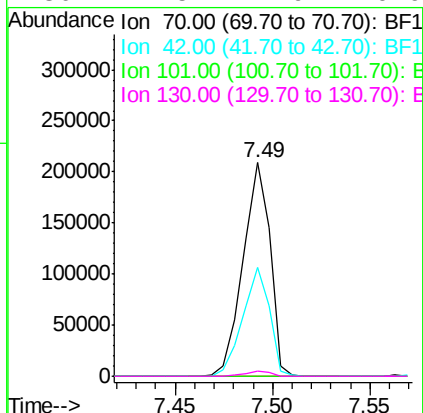




#19
n-Nitroso-di-n-propylamine
Concen: 13.873 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

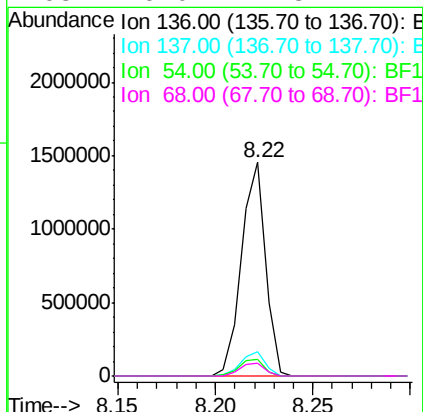
Instrument :
BNA_F
ClientSampleId :
TP- 32-S

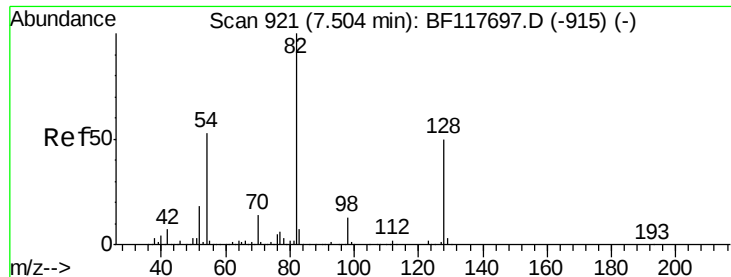
Tgt Ion:	70	Resp:	201036
Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.1	73.7
101	0.0	7.8	11.8#
130	2.5	17.9	26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Tgt Ion:	136	Resp:	1242049
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.9	6.0	9.0
68	6.0	4.8	7.2

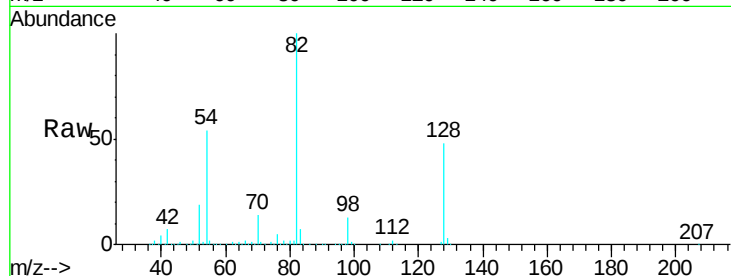




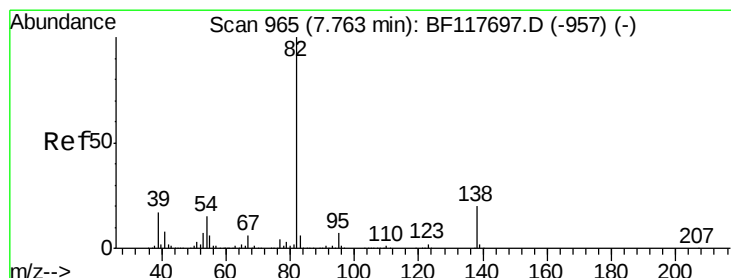
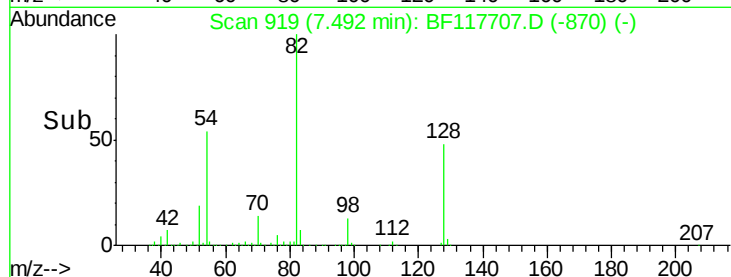
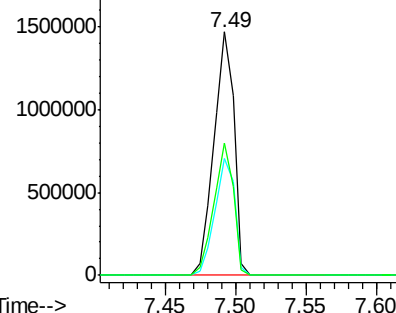
#23
 Nitrobenzene-d5
 Concen: 69.160 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 TP- 32-S

Tgt Ion: 82 Resp: 1454969
 Ion Ratio Lower Upper
 82 100
 128 47.8 40.2 60.2
 54 54.3 42.0 63.0

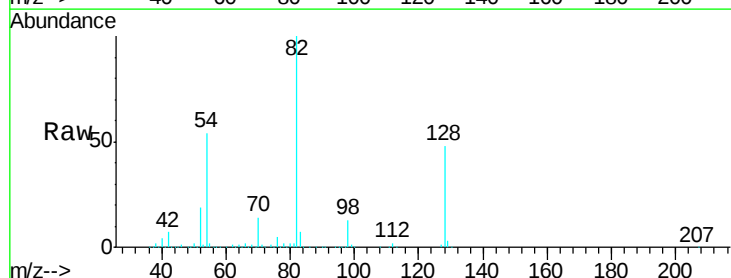


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

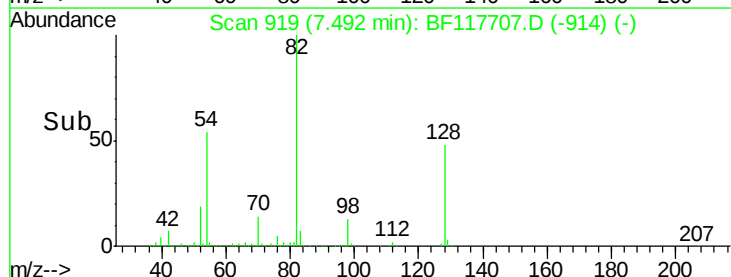
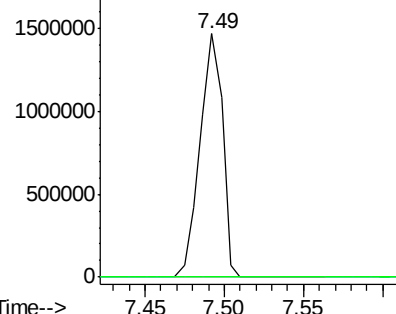


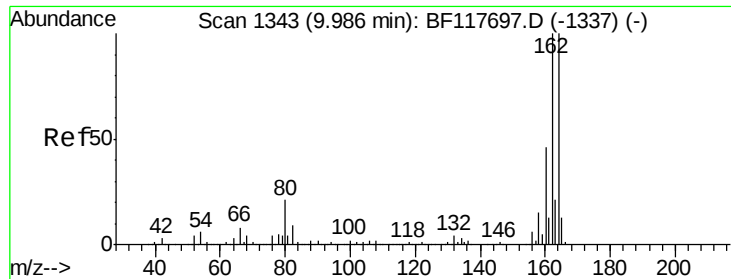
#25
 Isophorone
 Concen: 36.116 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.27 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

Tgt Ion: 82 Resp: 1453229
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 16.2 24.2#



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

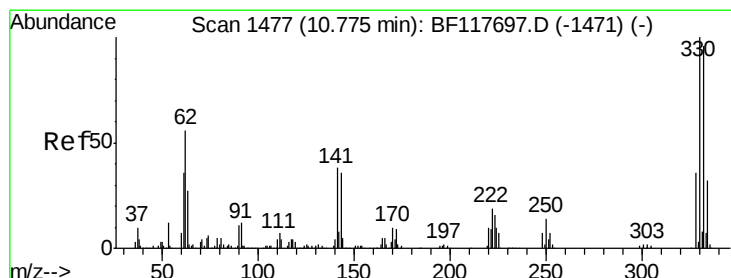
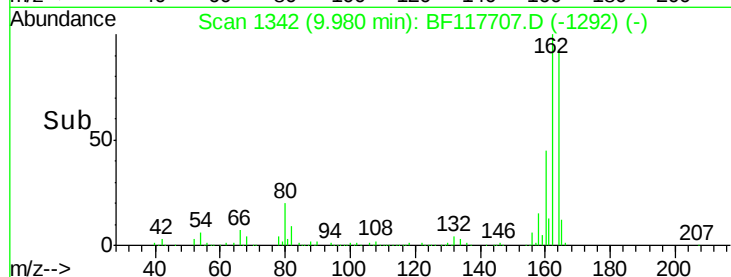
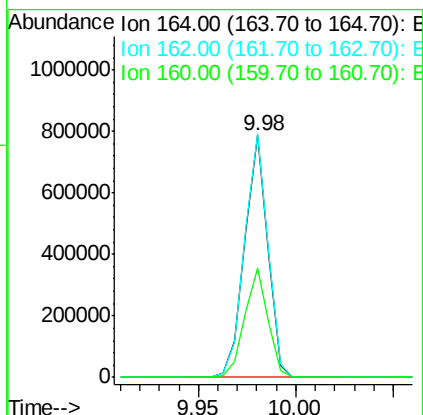
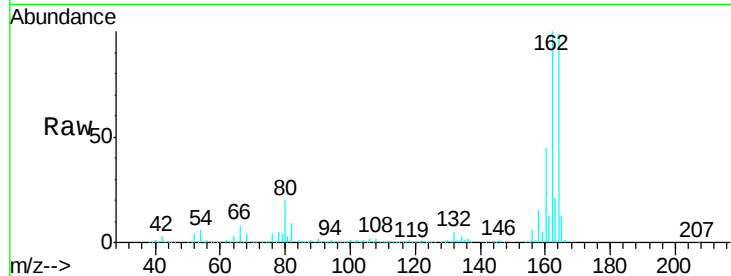




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

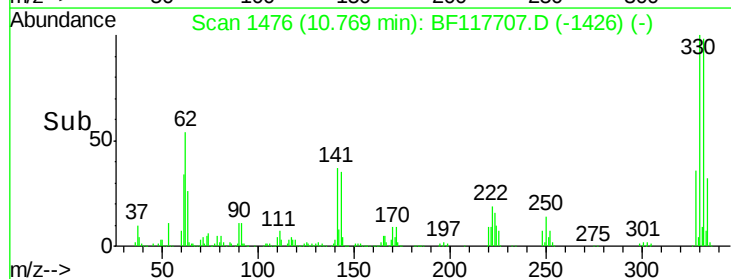
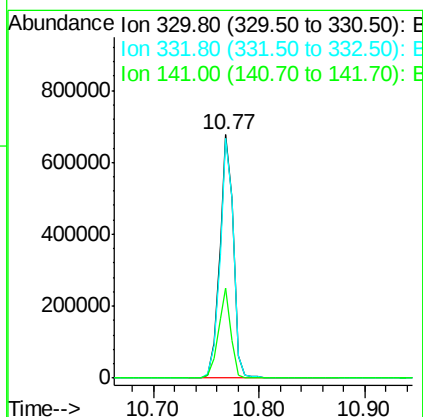
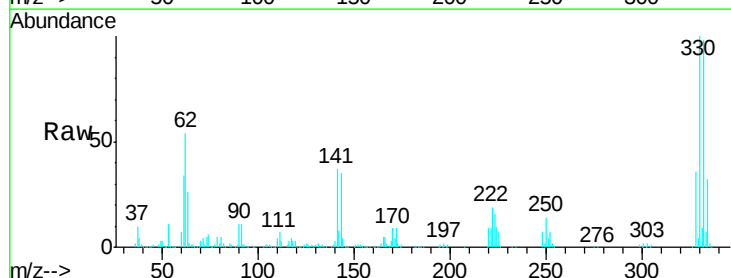
Instrument :
 BNA_F
 ClientSampleId :
 TP- 32-S

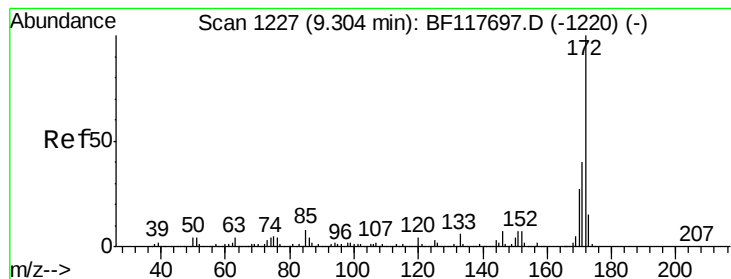
Tgt Ion:164 Resp: 645171
 Ion Ratio Lower Upper
 164 100
 162 100.5 79.7 119.5
 160 45.1 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 97.556 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

Tgt Ion:330 Resp: 615702
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 34.6 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 79.167 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

Instrument :

BNA_F

ClientSampleId :

TP- 32-S

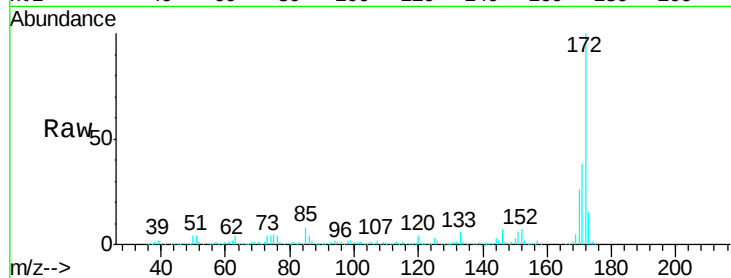
Tgt Ion:172 Resp: 2588752

Ion Ratio Lower Upper

172 100

171 38.2 31.8 47.8

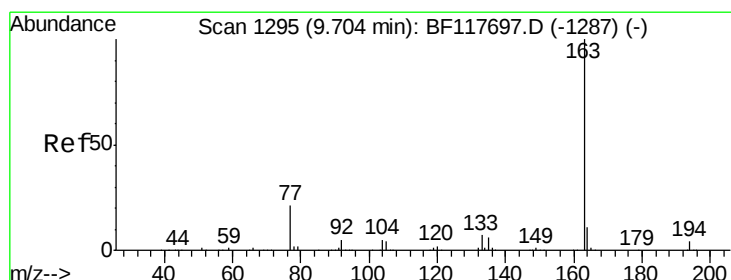
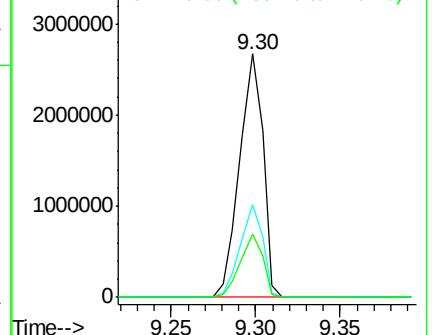
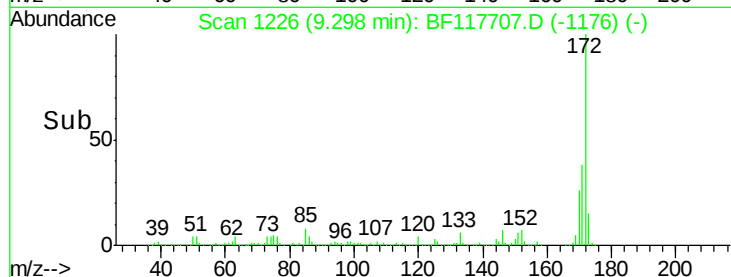
170 26.2 21.6 32.4



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: 12.811 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

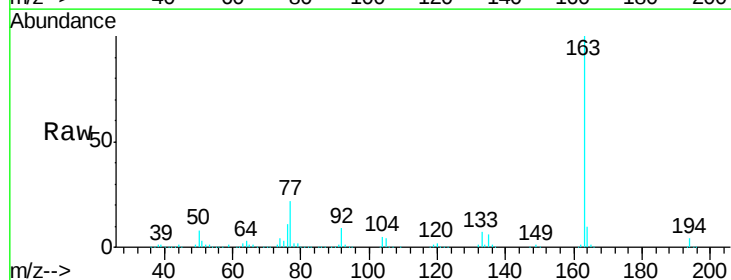
Tgt Ion:163 Resp: 558773

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

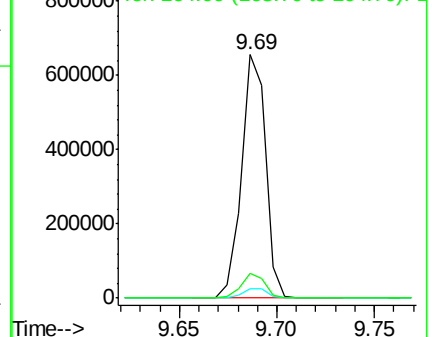
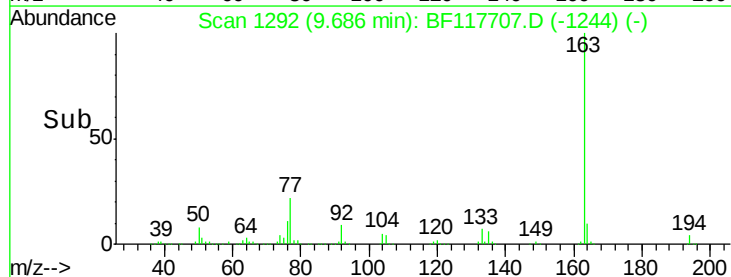
164 10.1 8.9 13.3

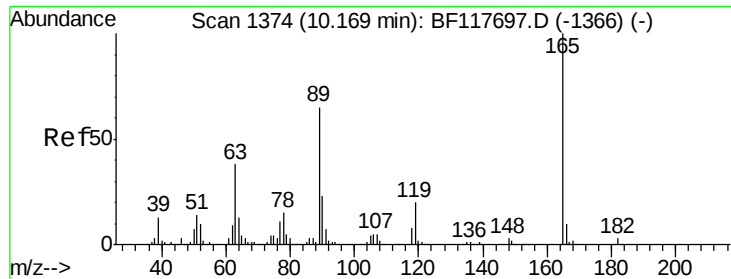


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

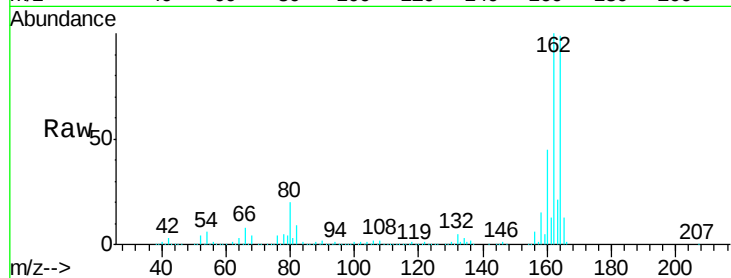




#57
 2,4-Dinitrotoluene
 Concen: 6.767 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 TP- 32-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	30.4	45.6#
89	1.3	52.2	78.4#
182	0.0	2.3	3.5#

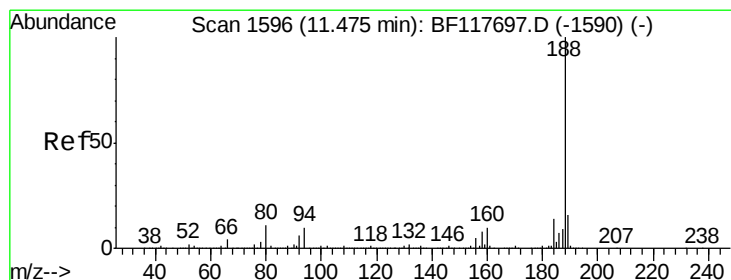
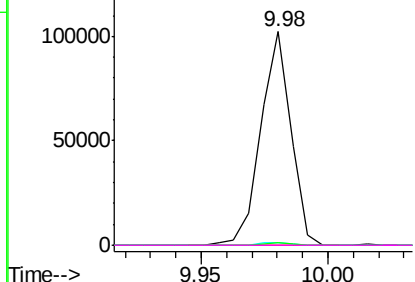
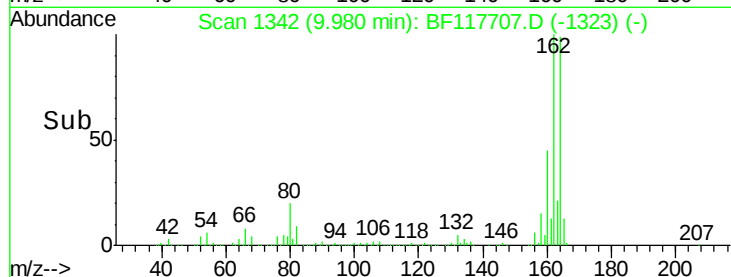


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

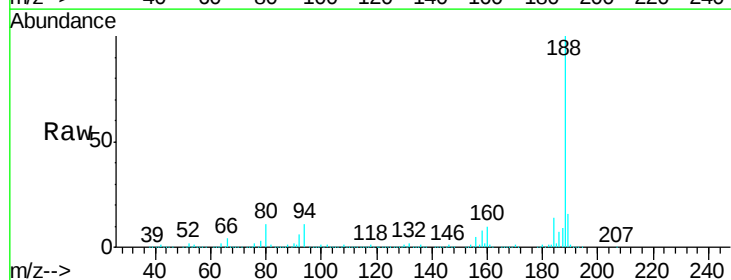
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF117707.D
 Acq: 7 Nov 2019 16:26

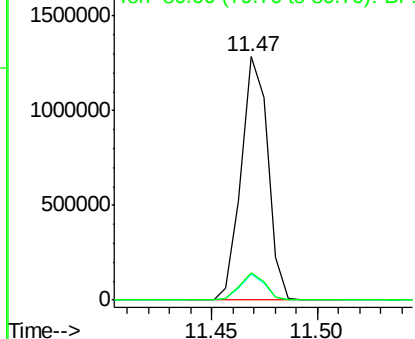
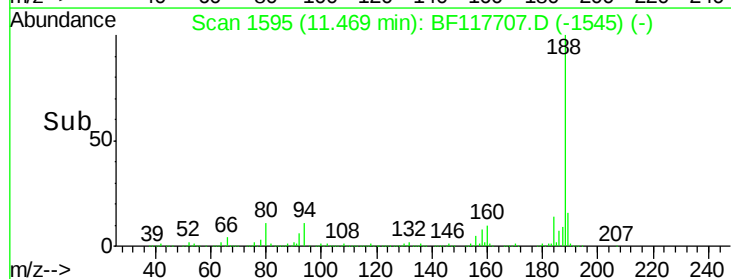
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	11.1	8.6	13.0

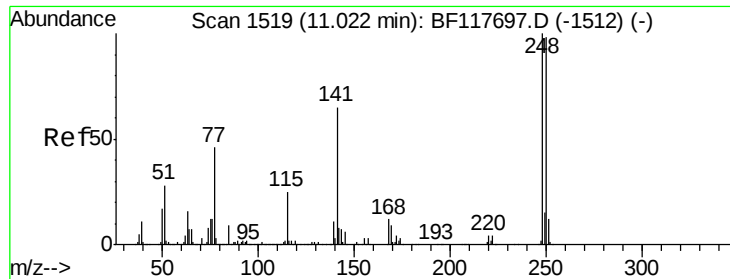


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

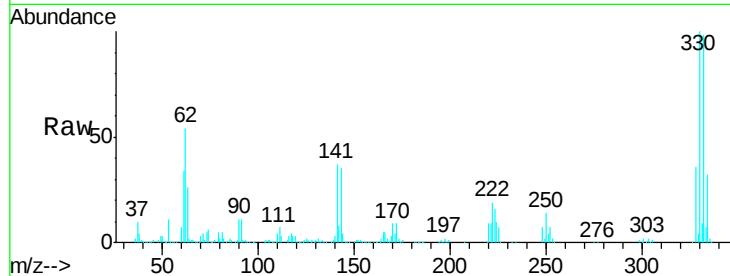




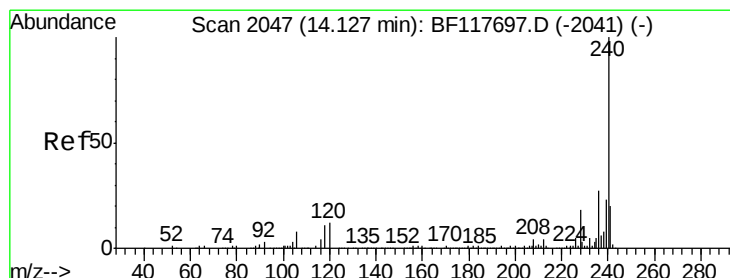
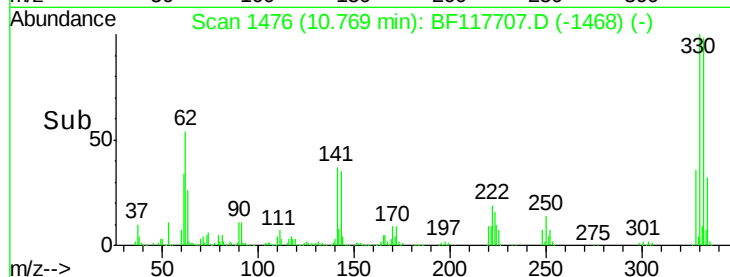
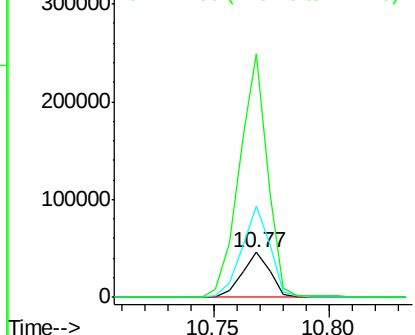
#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Instrument :
BNA_F
ClientSampleId :
TP- 32-S

Tgt Ion:248 Resp: 38796
Ion Ratio Lower Upper
248 100
250 204.2 78.7 118.1#
141 544.4 51.8 77.8#

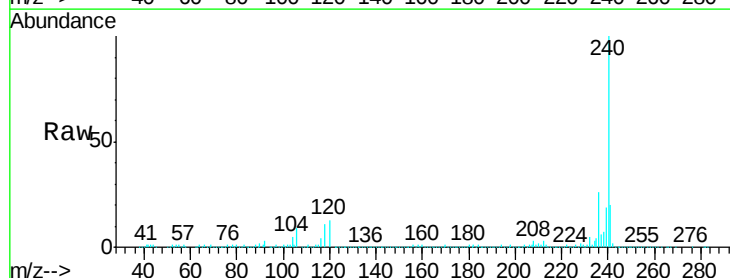


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

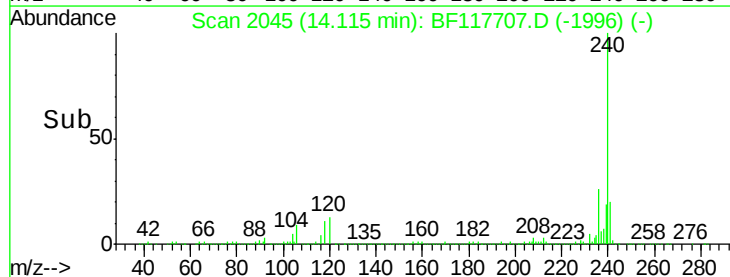
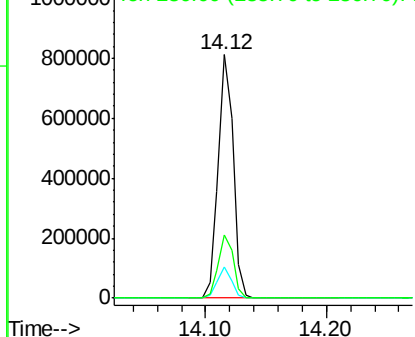


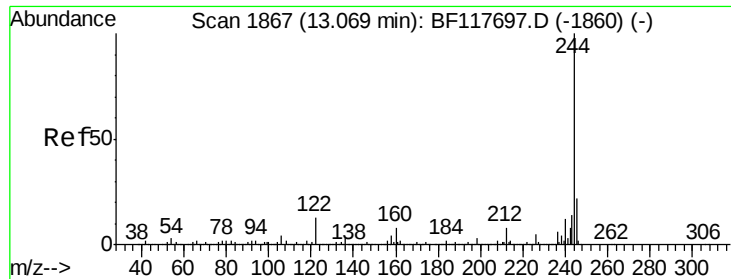
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Tgt Ion:240 Resp: 692820
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 26.2 21.9 32.9



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: 70.551 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

Instrument :

BNA_F

ClientSampleId :

TP- 32-S

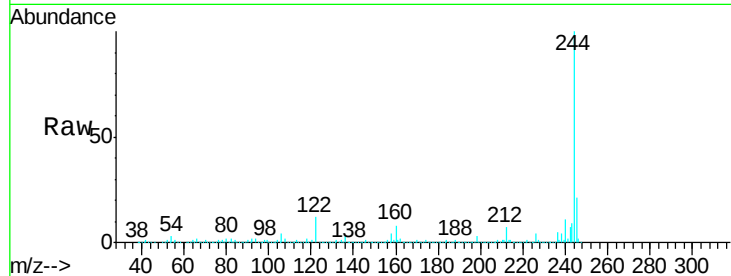
Tgt Ion:244 Resp: 2374420

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

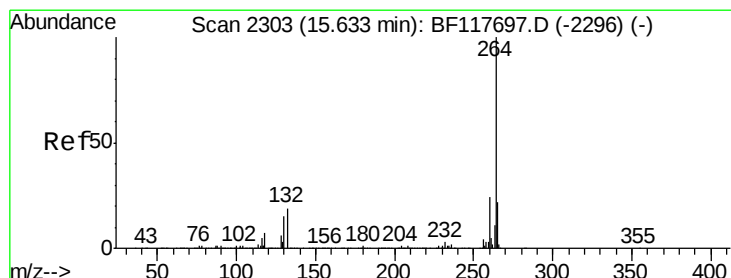
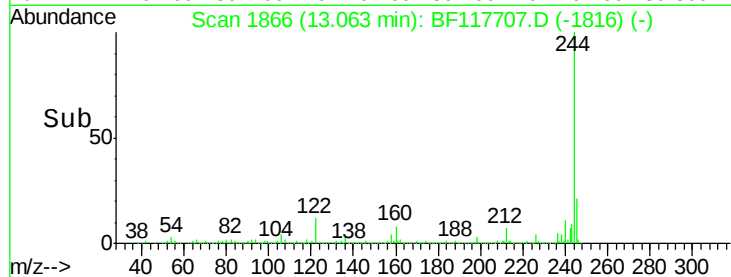
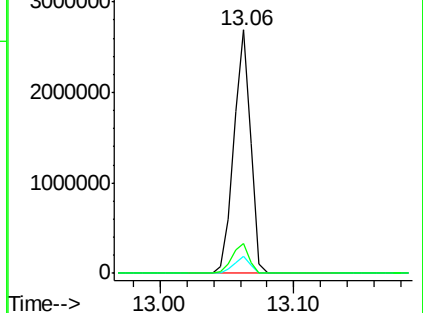
122 12.2 10.0 15.0



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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117707.D

Acq: 7 Nov 2019 16:26

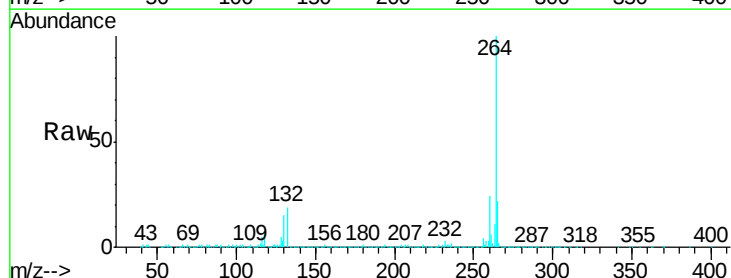
Tgt Ion:264 Resp: 862875

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

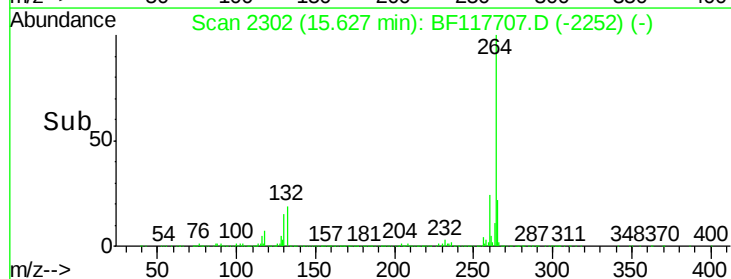
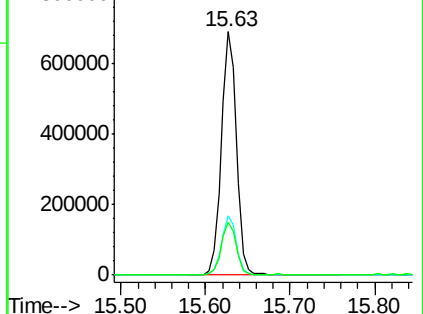
265 21.6 17.7 26.5

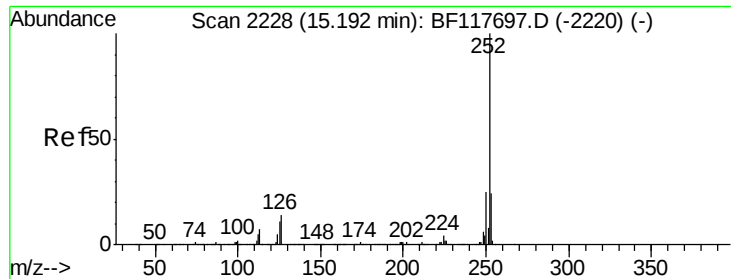


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

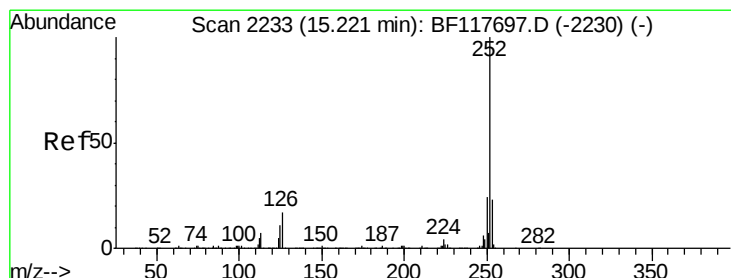
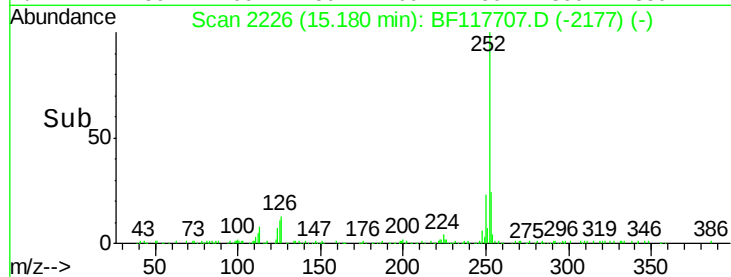
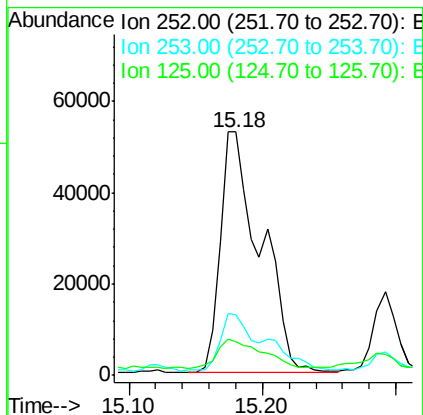
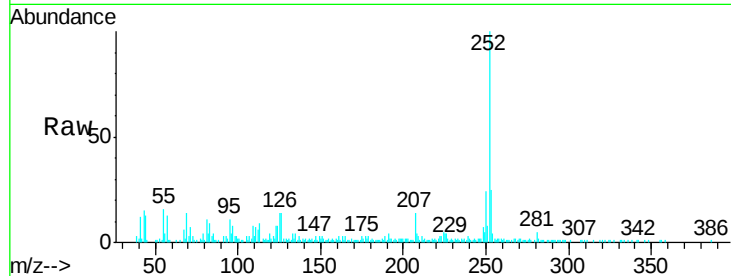




#88
Benzo(b)fluoranthene
Concen: 2.035 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Instrument :
BNA_F
ClientSampleId :
TP- 32-S

Tgt Ion:252 Resp: 110608
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 14.1 8.5 12.7#



#89
Benzo(k)fluoranthene
Concen: 2.282 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.04 min
Lab File: BF117707.D
Acq: 7 Nov 2019 16:26

Tgt Ion:252 Resp: 110608
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 14.1 9.1 13.7#

