

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117710.D
 Acq On : 7 Nov 2019 17:46
 Operator : JU
 Sample : K5723-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-C

Quant Time: Nov 08 01:24:58 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	320227	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1251519	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	657947	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1181228	20.00	ng	0.00
76) Chrysene-d12	14.12	240	720030	20.00	ng	-0.01
87) Perylene-d12	15.63	264	839820	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1736682	98.17	ng	0.00
7) Phenol-d6	6.55	99	2155061	98.80	ng	0.00
23) Nitrobenzene-d5	7.49	82	1318861	62.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	584219	90.77	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2342432	70.24	ng	0.00
79) Terphenyl-d14	13.06	244	2387089	68.25	ng	0.00

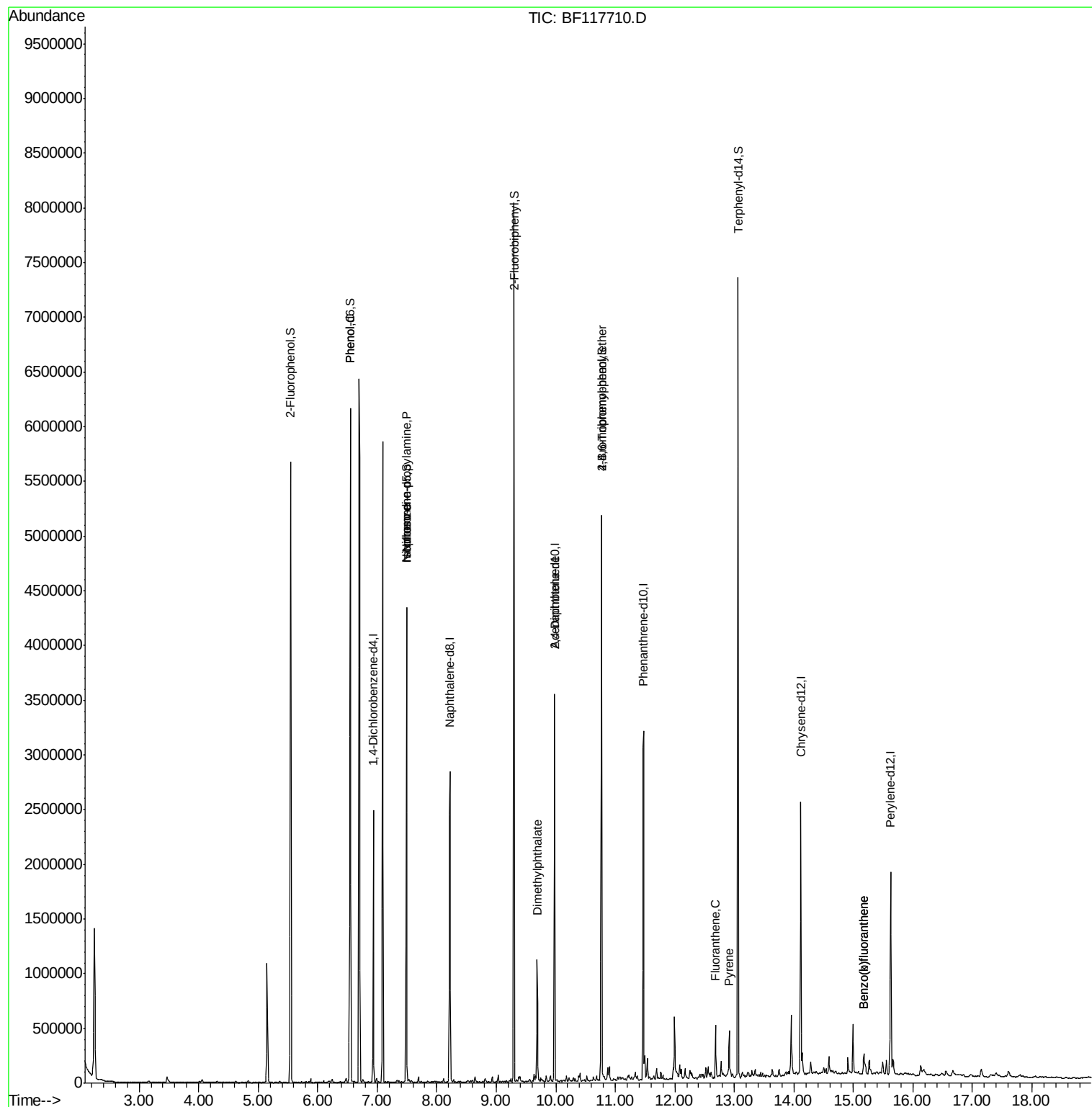
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	103863	4.419	ng	81
19) n-Nitroso-di-n-propylamine	7.49	70	178746	12.463	ng	# 77
25) Isophorone	7.49	82	1315108	32.436	ng	# 62
50) Dimethylphthalate	9.69	163	387922	8.721	ng	98
57) 2,4-Dinitrotoluene	9.98	165	88259	6.908	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	37241	2.887	ng	# 1
75) Fluoranthene	12.69	202	160027	2.768	ng	94
78) Pyrene	12.92	202	155465	2.958	ng	97
88) Benzo(b)fluoranthene	15.17	252	133172	2.518	ng	98
89) Benzo(k)fluoranthene	15.17	252	133172	2.823	ng	98

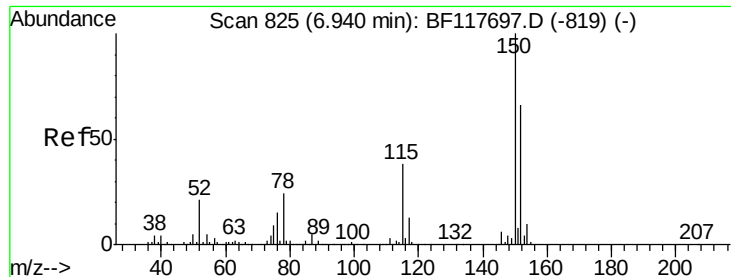
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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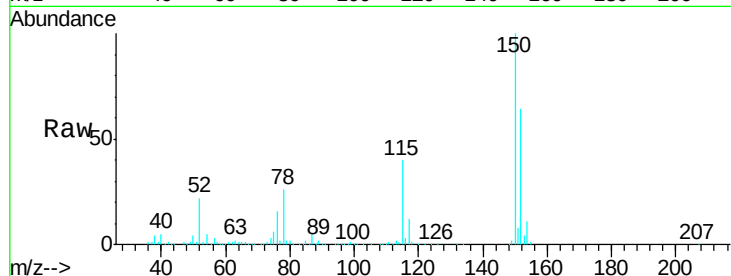


#1

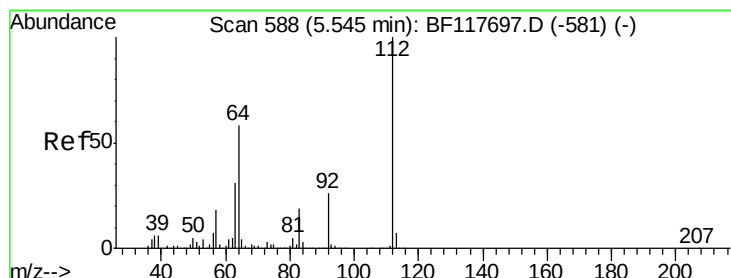
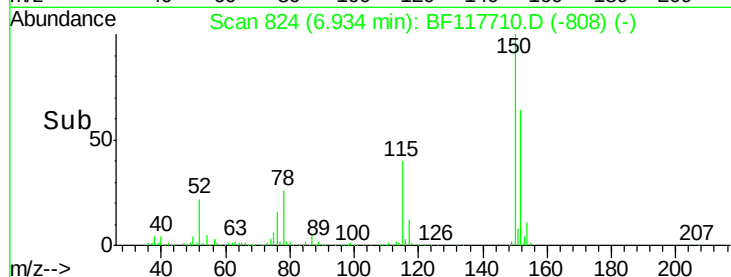
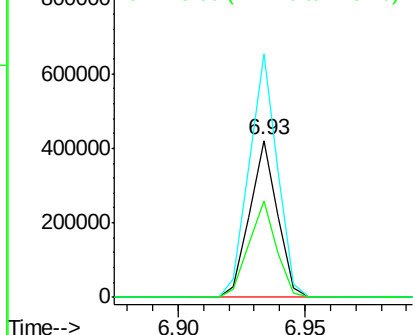
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Instrument :
BNA_F
ClientSampled :
7-C

Tgt Ion:152 Resp: 320227
Ion Ratio Lower Upper
152 100
150 155.4 121.4 182.2
115 61.4 46.7 70.1



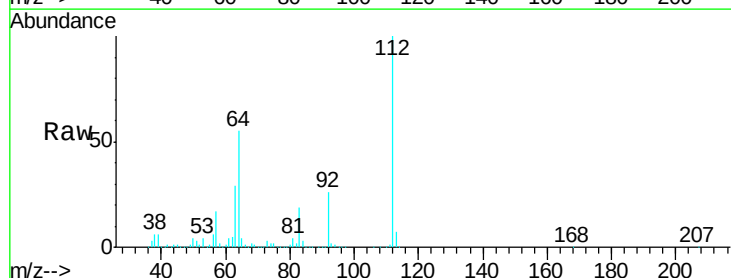
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



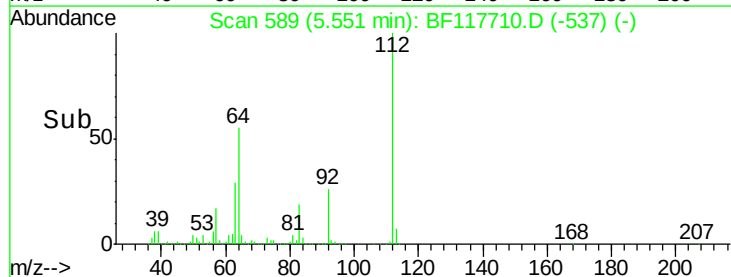
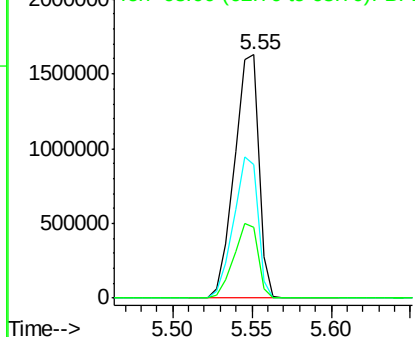
#5

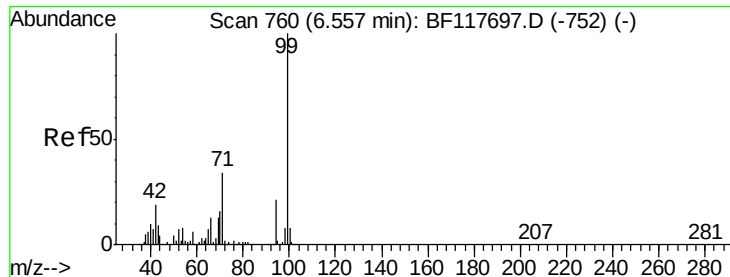
2-Fluorophenol
Concen: 98.170 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion:112 Resp: 1736682
Ion Ratio Lower Upper
112 100
64 54.9 46.4 69.6
63 29.0 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: 98.797 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

Instrument :

BNA_F

ClientSampleId :

7-C

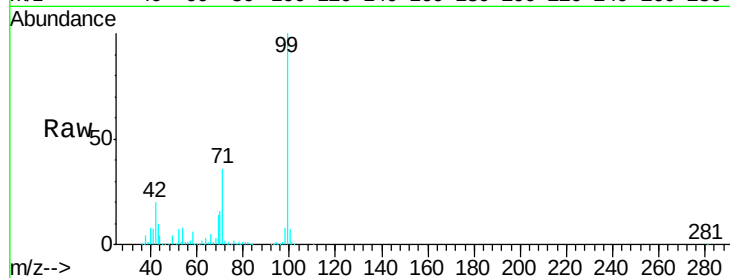
Tgt Ion: 99 Resp: 2155061

Ion Ratio Lower Upper

99 100

42 19.8 15.3 22.9

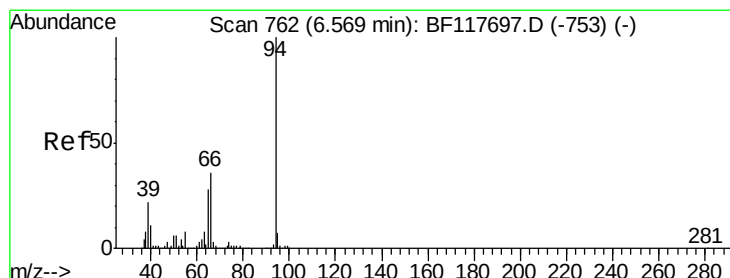
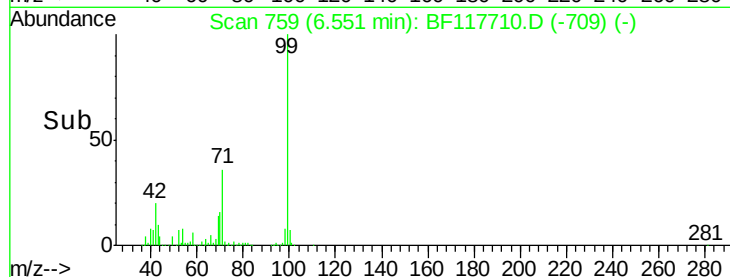
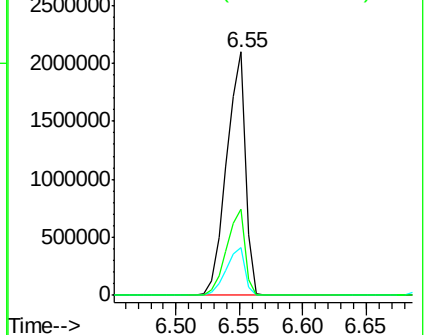
71 35.7 26.8 40.2



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: 4.419 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

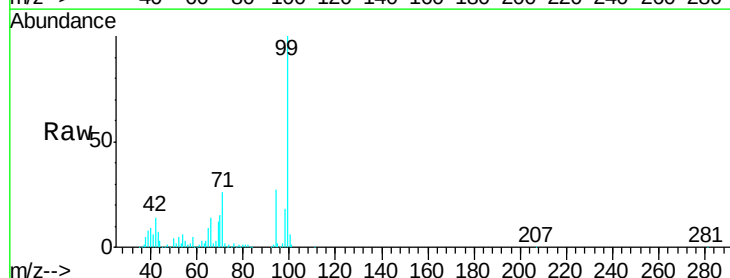
Tgt Ion: 94 Resp: 103863

Ion Ratio Lower Upper

94 100

65 32.6 7.6 47.6

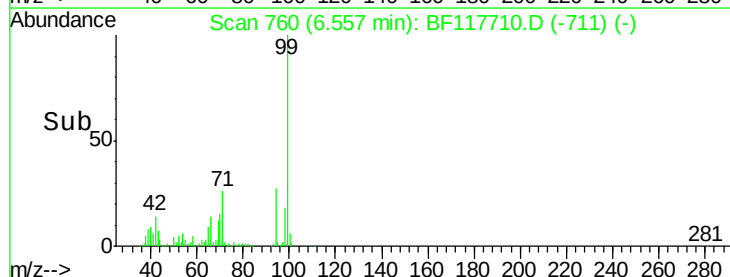
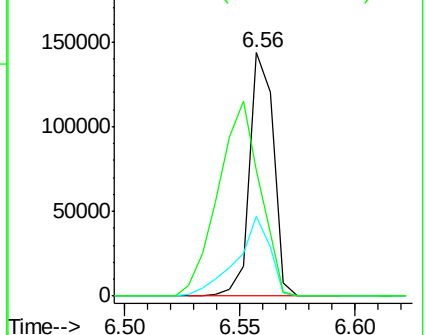
66 51.5 16.1 56.1

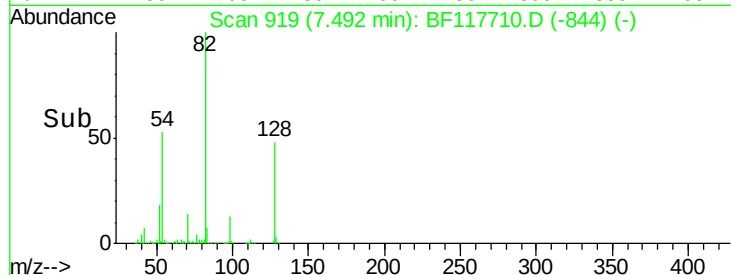
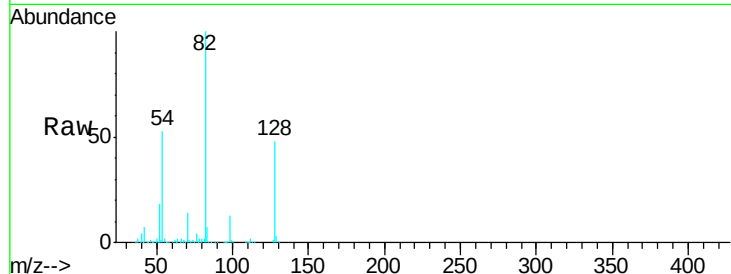
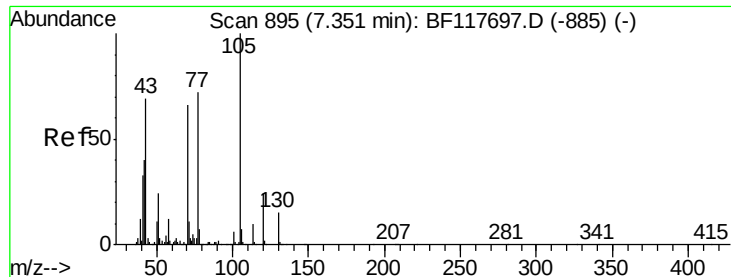


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

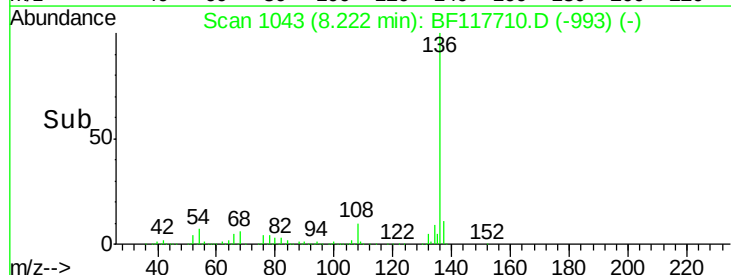
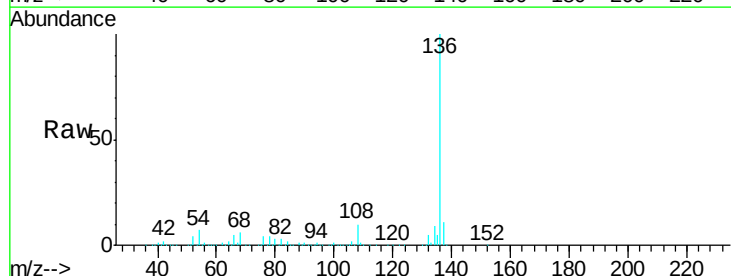
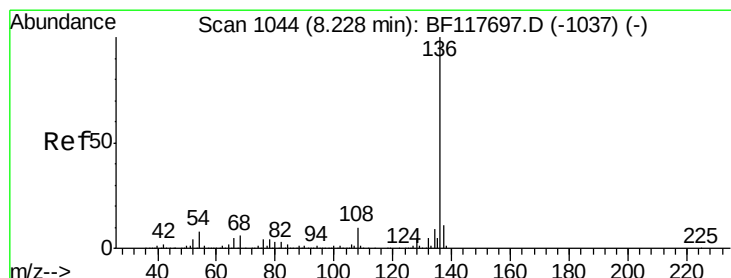
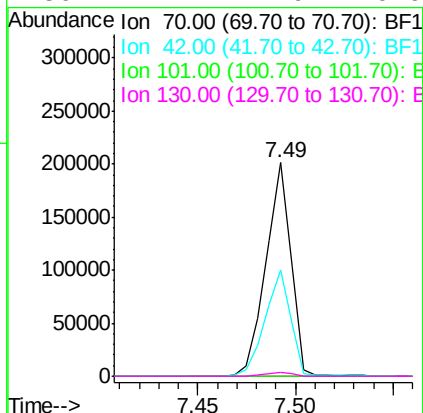




#19
n-Nitroso-di-n-propylamine
Concen: 12.463 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

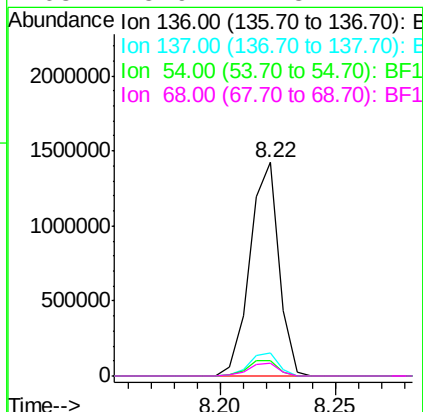
Instrument :
BNA_F
ClientSampleId :
7-C

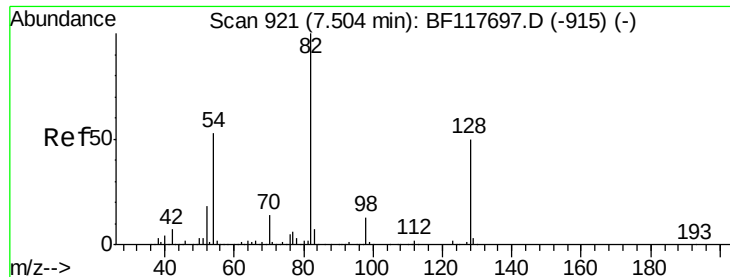
Tgt Ion:	70	Resp:	178746
Ion	Ratio	Lower	Upper
70	100		
42	50.0	49.1	73.7
101	0.0	7.8	11.8#
130	2.1	17.9	26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion:	136	Resp:	1251519
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.0	9.0
68	5.9	4.8	7.2

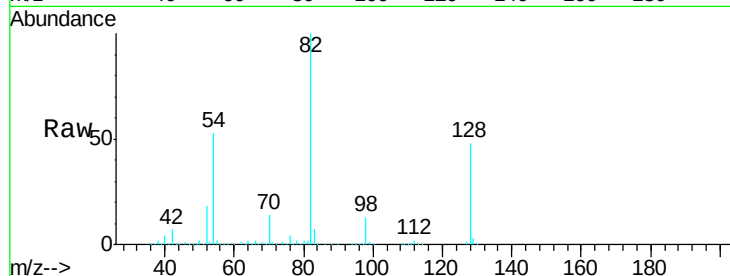




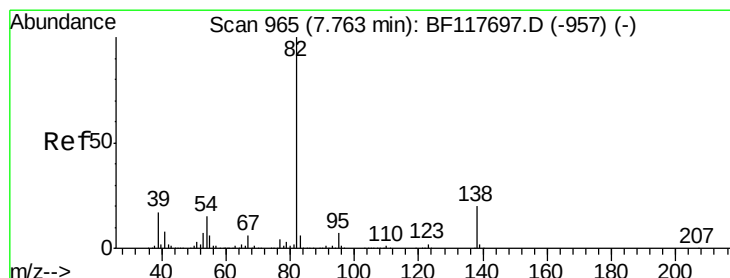
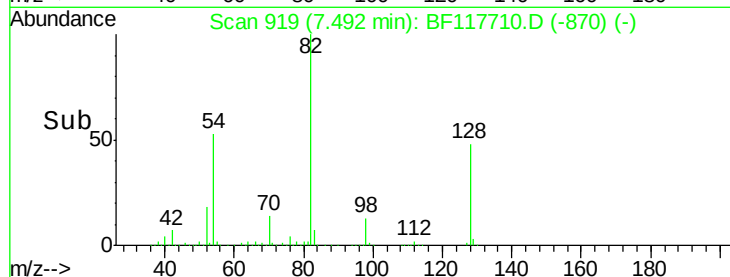
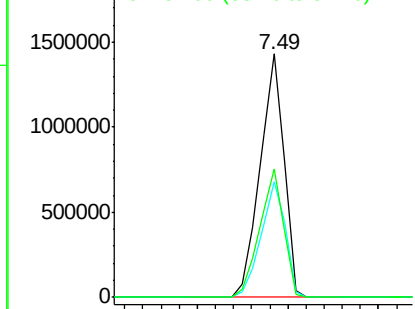
#23
Nitrobenzene-d5
Concen: 62.216 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Instrument :
BNA_F
ClientSampleId :
7-C

Tgt Ion: 82 Resp: 1318861
Ion Ratio Lower Upper
82 100
128 47.7 40.2 60.2
54 52.9 42.0 63.0

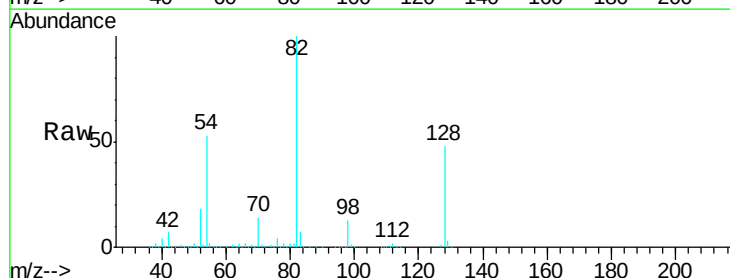


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

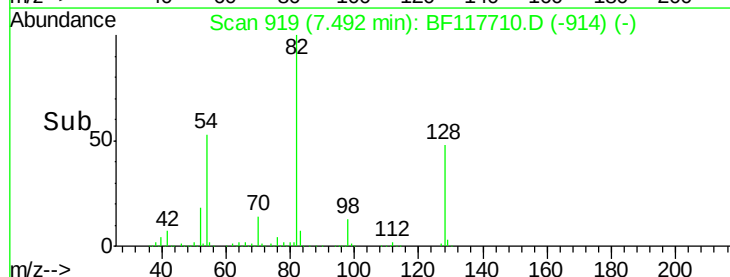
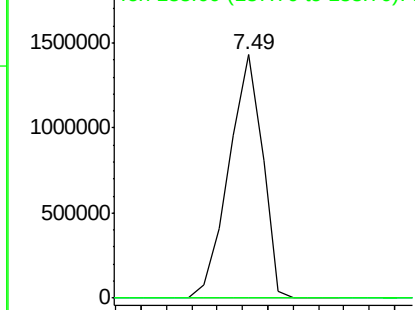


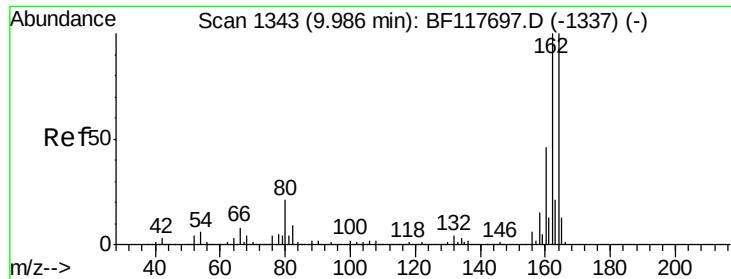
#25
Isophorone
Concen: 32.436 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion: 82 Resp: 1315108
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

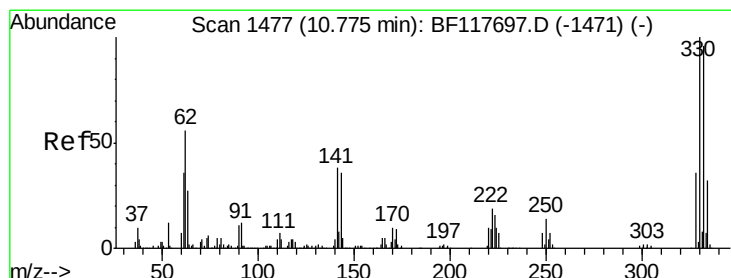
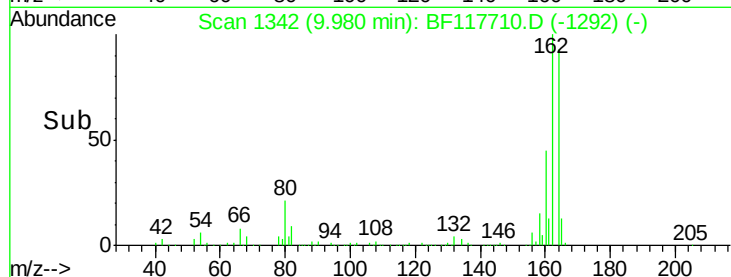
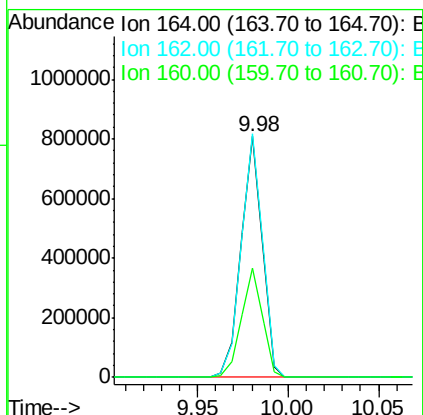
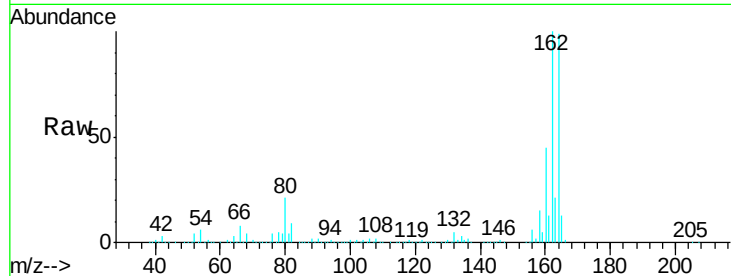




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

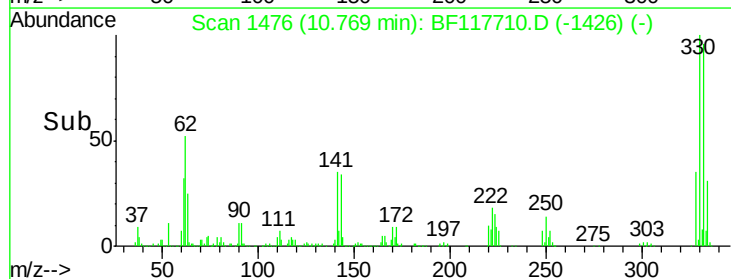
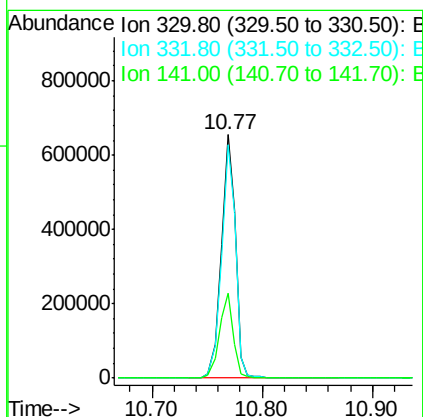
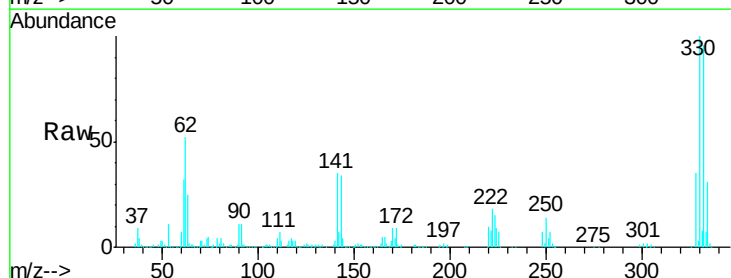
Instrument :
BNA_F
ClientSampleId :
7-C

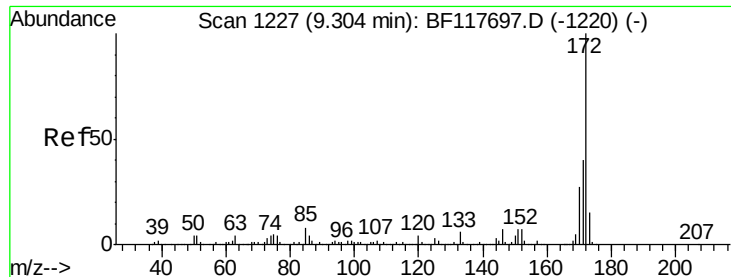
Tgt Ion:164 Resp: 657947
Ion Ratio Lower Upper
164 100
162 101.0 79.7 119.5
160 45.1 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 90.771 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion:330 Resp: 584219
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 33.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 70.244 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

Instrument :

BNA_F

ClientSampleId :

7-C

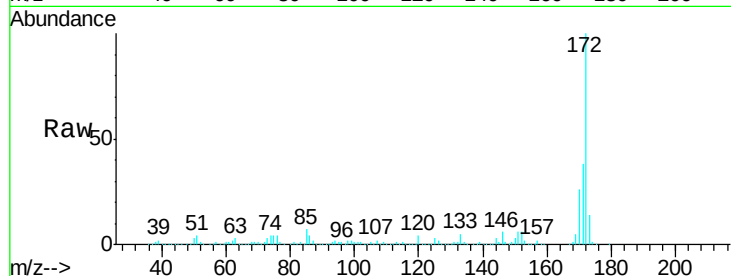
Tgt Ion:172 Resp: 2342432

Ion Ratio Lower Upper

172 100

171 37.6 31.8 47.8

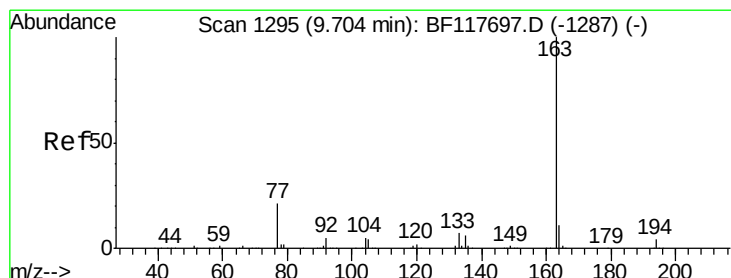
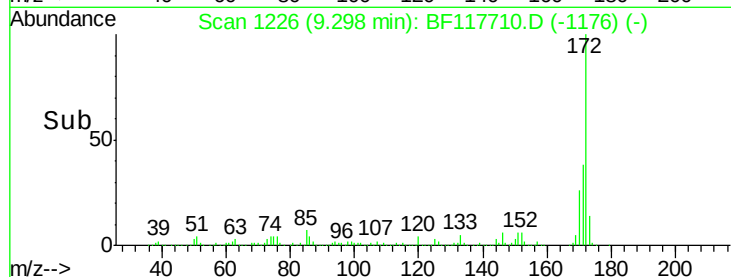
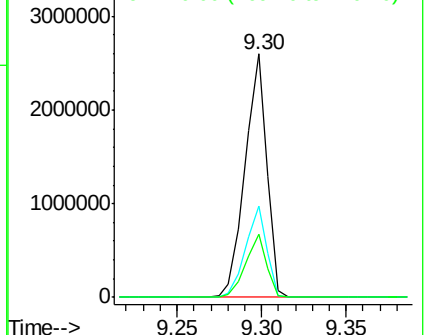
170 25.7 21.6 32.4



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: 8.721 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

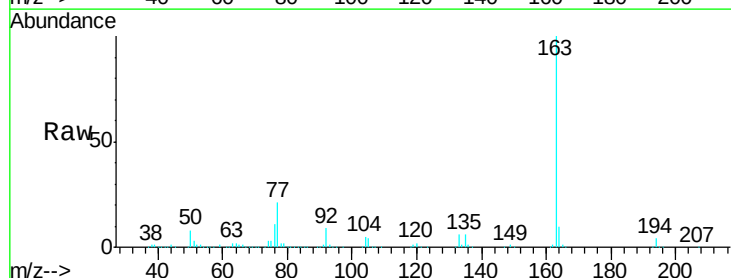
Tgt Ion:163 Resp: 387922

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

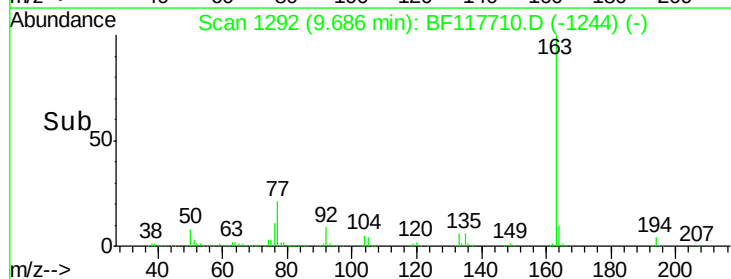
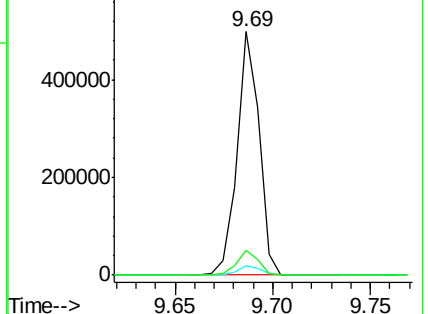
164 10.4 8.9 13.3

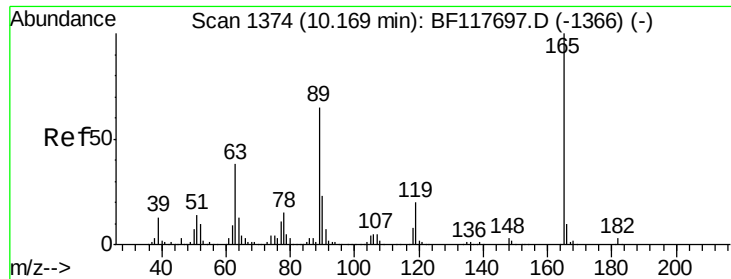


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

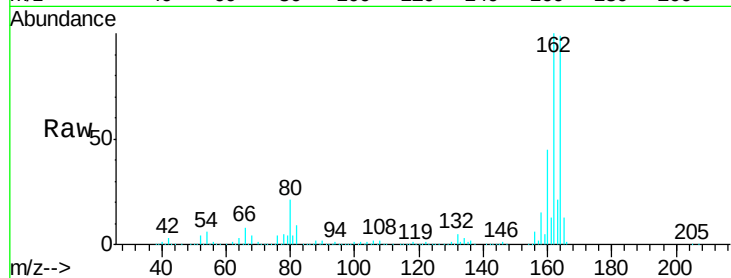




#57
2,4-Dinitrotoluene
Concen: 6.908 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.19 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Instrument :
BNA_F
ClientSampleId :
7-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.4	45.6#
89	1.2	52.2	78.4#
182	0.0	2.3	3.5#

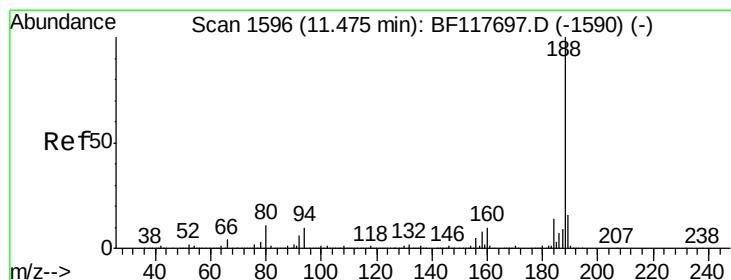
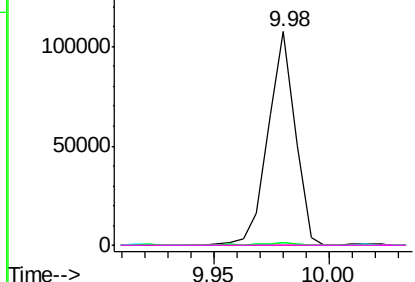
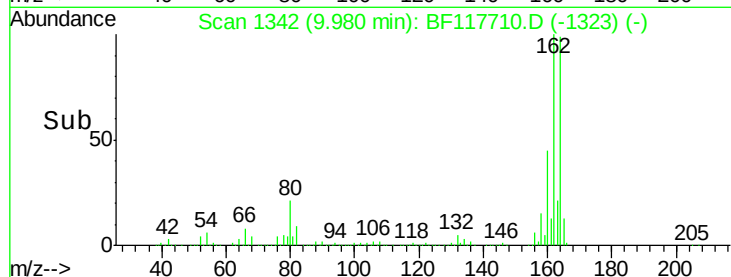


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

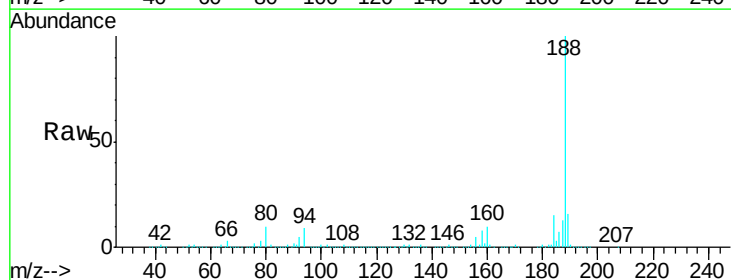
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

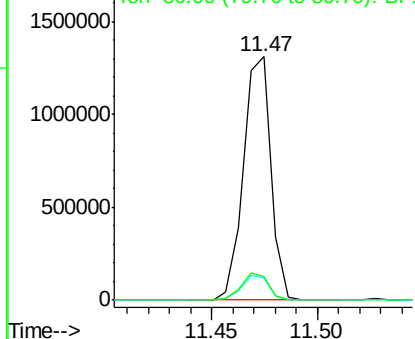
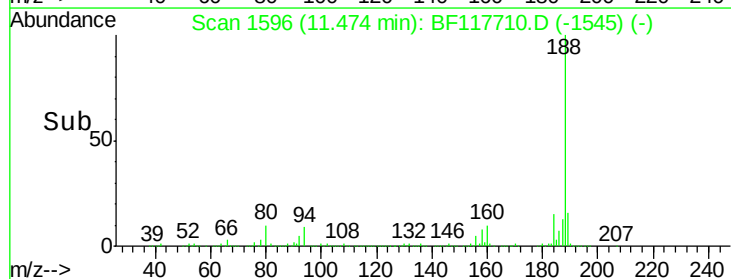
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	9.7	8.6	13.0

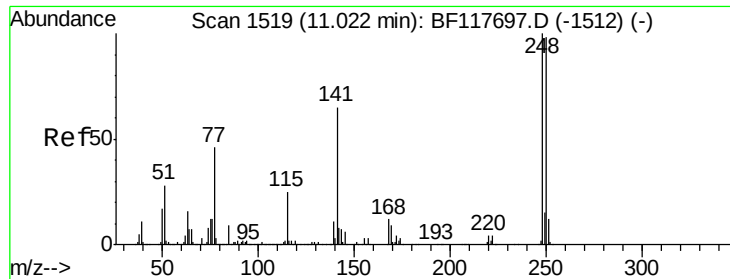


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

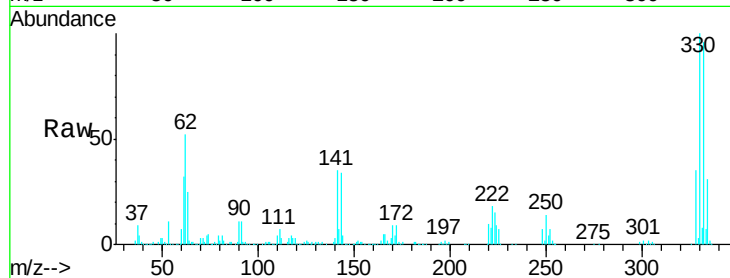




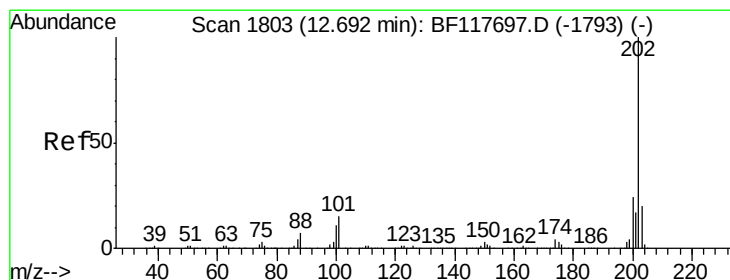
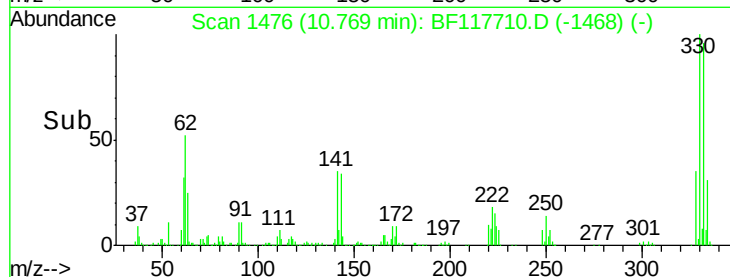
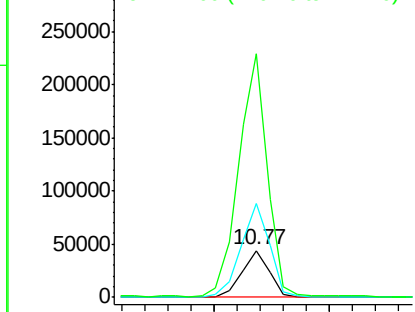
#67
4-Bromophenyl-phenylether
Concen: 2.887 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Instrument :
BNA_F
ClientSampleId :
7-C

Tgt Ion:248 Resp: 37241
Ion Ratio Lower Upper
248 100
250 200.9 78.7 118.1#
141 519.6 51.8 77.8#

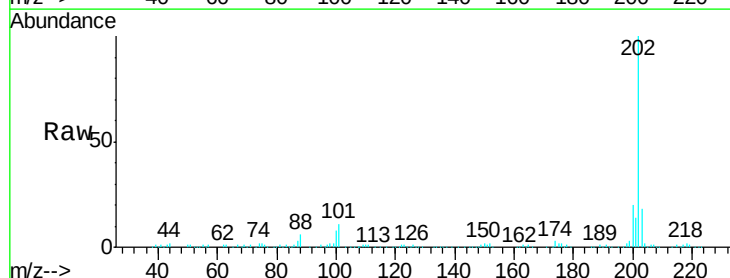


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

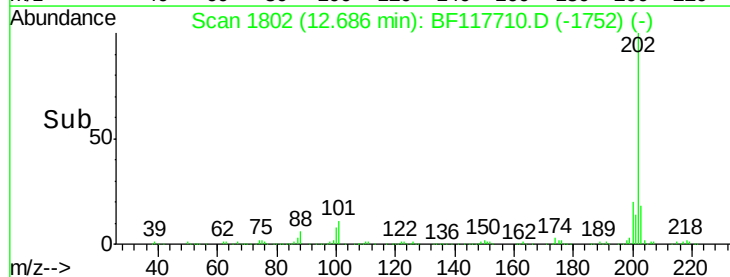
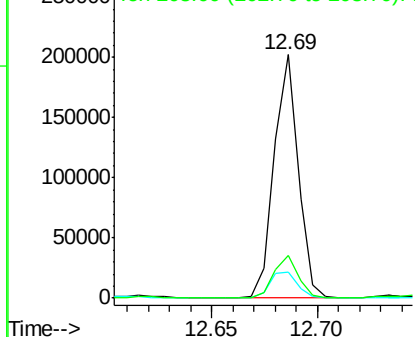


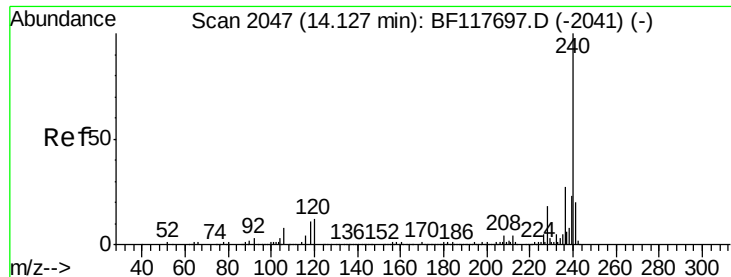
#75
Fluoranthene
Concen: 2.768 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion:202 Resp: 160027
Ion Ratio Lower Upper
202 100
101 10.9 0.0 34.5
203 17.8 0.0 39.8



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: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

Instrument :

BNA_F

ClientSampleId :

7-C

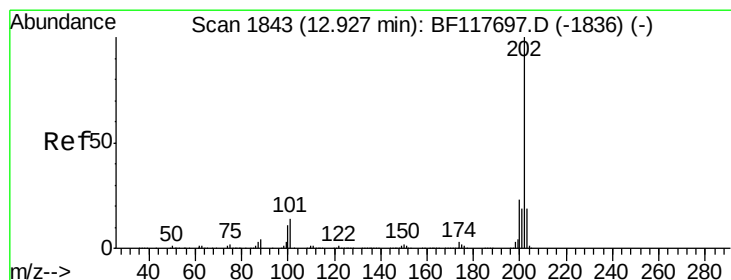
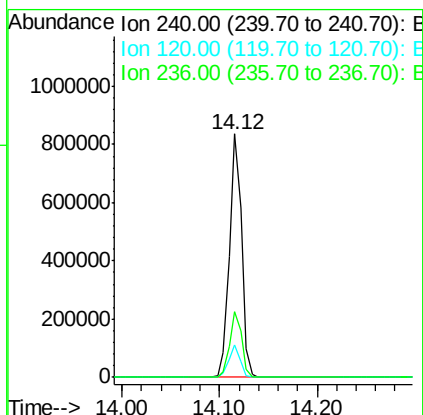
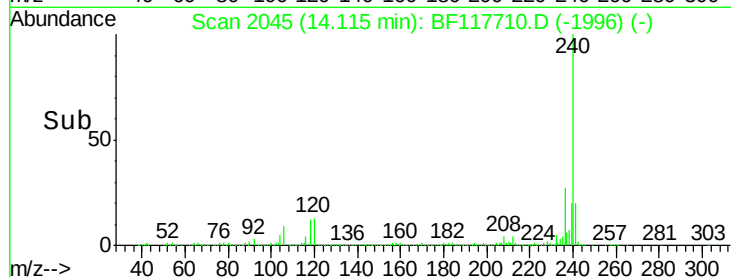
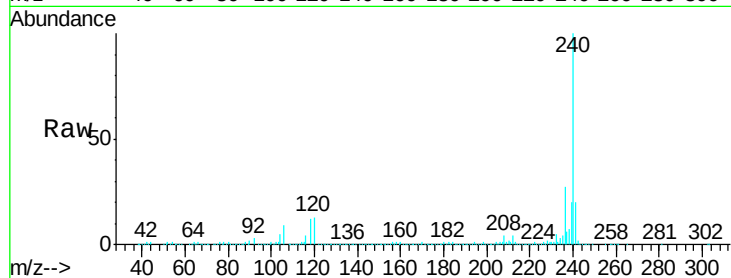
Tgt Ion:240 Resp: 720030

Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

236 27.2 21.9 32.9



#78

Pyrene

Concen: 2.958 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

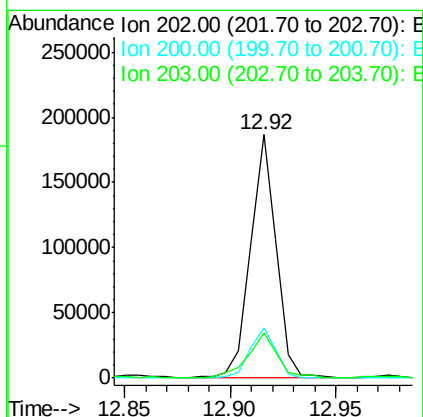
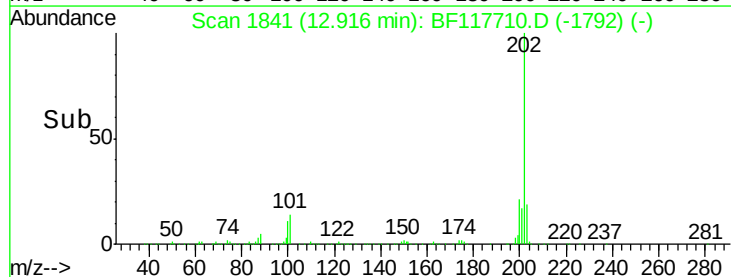
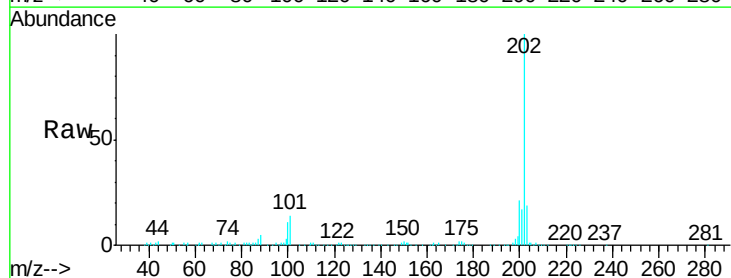
Tgt Ion:202 Resp: 155465

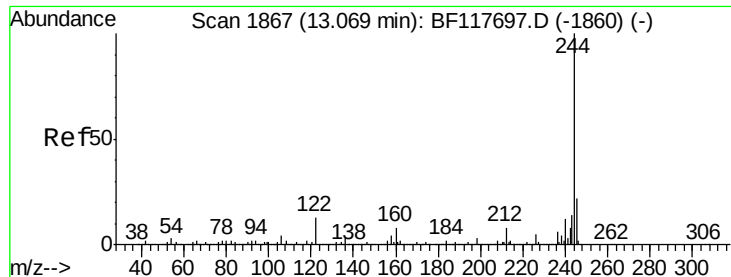
Ion Ratio Lower Upper

202 100

200 20.9 18.8 28.2

203 18.8 15.2 22.8





#79

Terphenyl-d14

Concen: 68.248 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117710.D

Acq: 7 Nov 2019 17:46

Instrument :

BNA_F

ClientSampleId :

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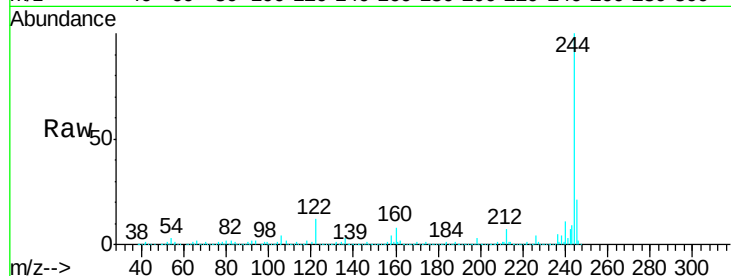
Tgt Ion:244 Resp: 2387089

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

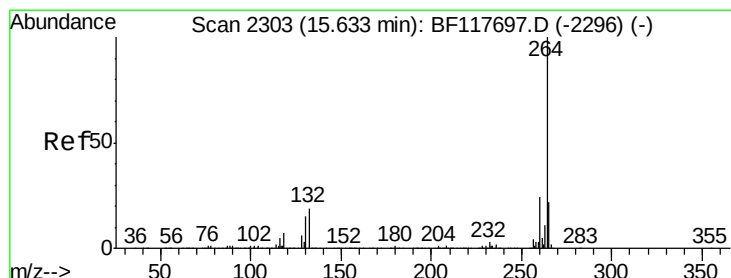
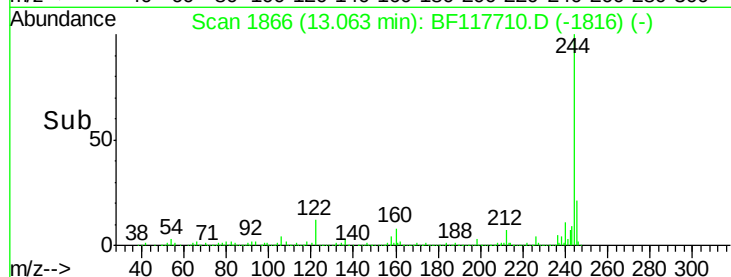
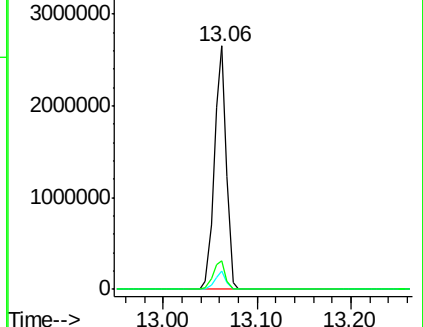
122 11.9 10.0 15.0



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: BF117710.D

Acq: 7 Nov 2019 17:46

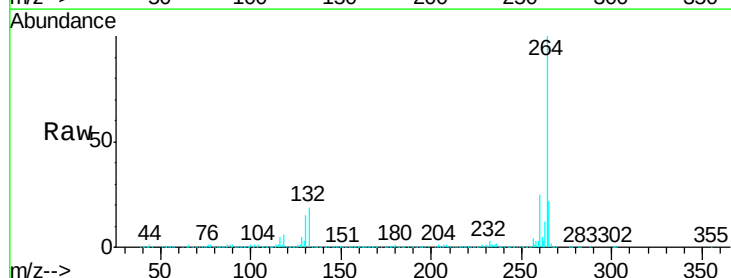
Tgt Ion:264 Resp: 839820

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

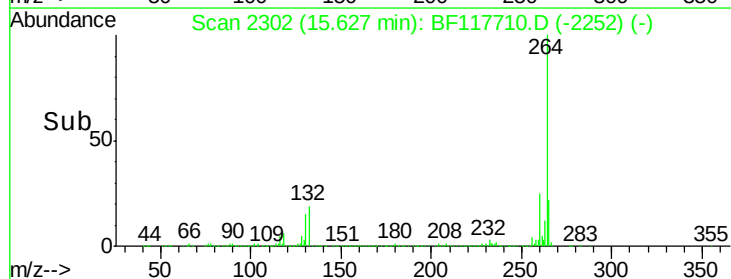
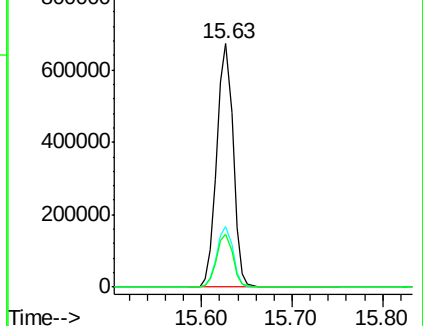
265 22.0 17.7 26.5

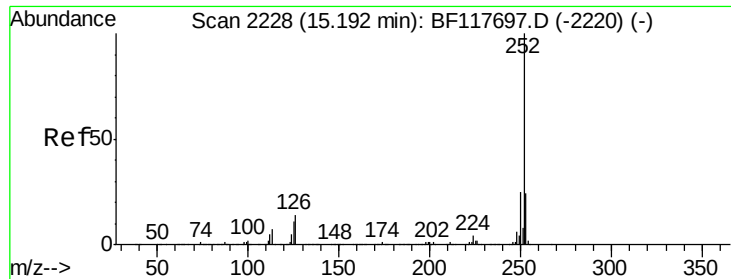


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

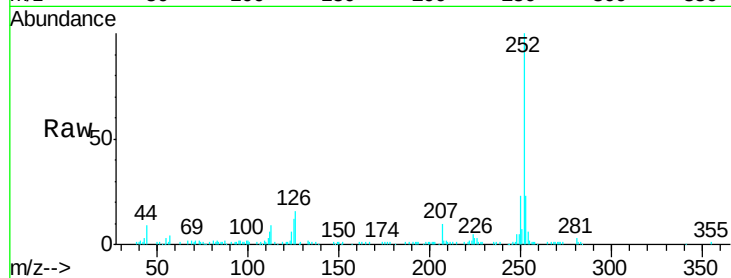




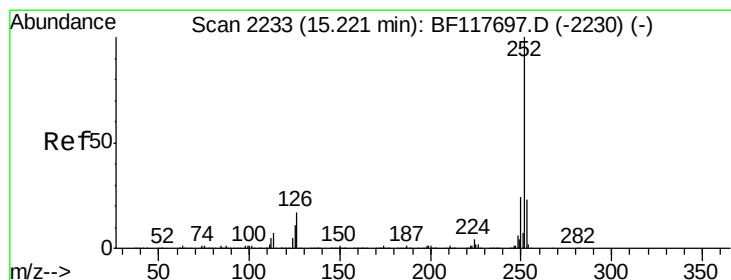
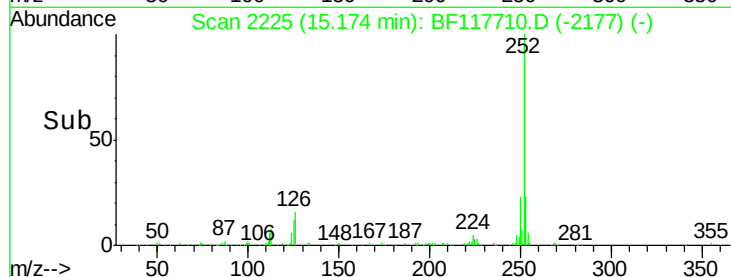
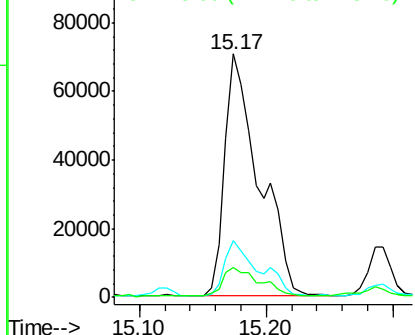
#88
Benzo(b)fluoranthene
Concen: 2.518 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Instrument :
BNA_F
ClientSampleId :
7-C

Tgt Ion:252 Resp: 133172
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 12.1 8.5 12.7

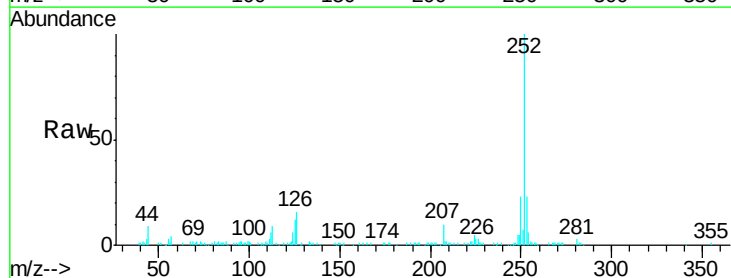


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.823 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117710.D
Acq: 7 Nov 2019 17:46

Tgt Ion:252 Resp: 133172
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 12.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

