

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117709.D
 Acq On : 7 Nov 2019 17:19
 Operator : JU
 Sample : K5723-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-B

Quant Time: Nov 08 01:24:43 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	324539	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1245393	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	642878	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1175127	20.00	ng	0.00
76) Chrysene-d12	14.12	240	744336	20.00	ng	-0.01
87) Perylene-d12	15.63	264	851336	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1297123	72.35	ng	0.00
7) Phenol-d6	6.55	99	1651413	74.70	ng	-0.01
23) Nitrobenzene-d5	7.49	82	978463	46.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	448978	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1931177	59.27	ng	0.00
79) Terphenyl-d14	13.06	244	2032654	56.22	ng	0.00

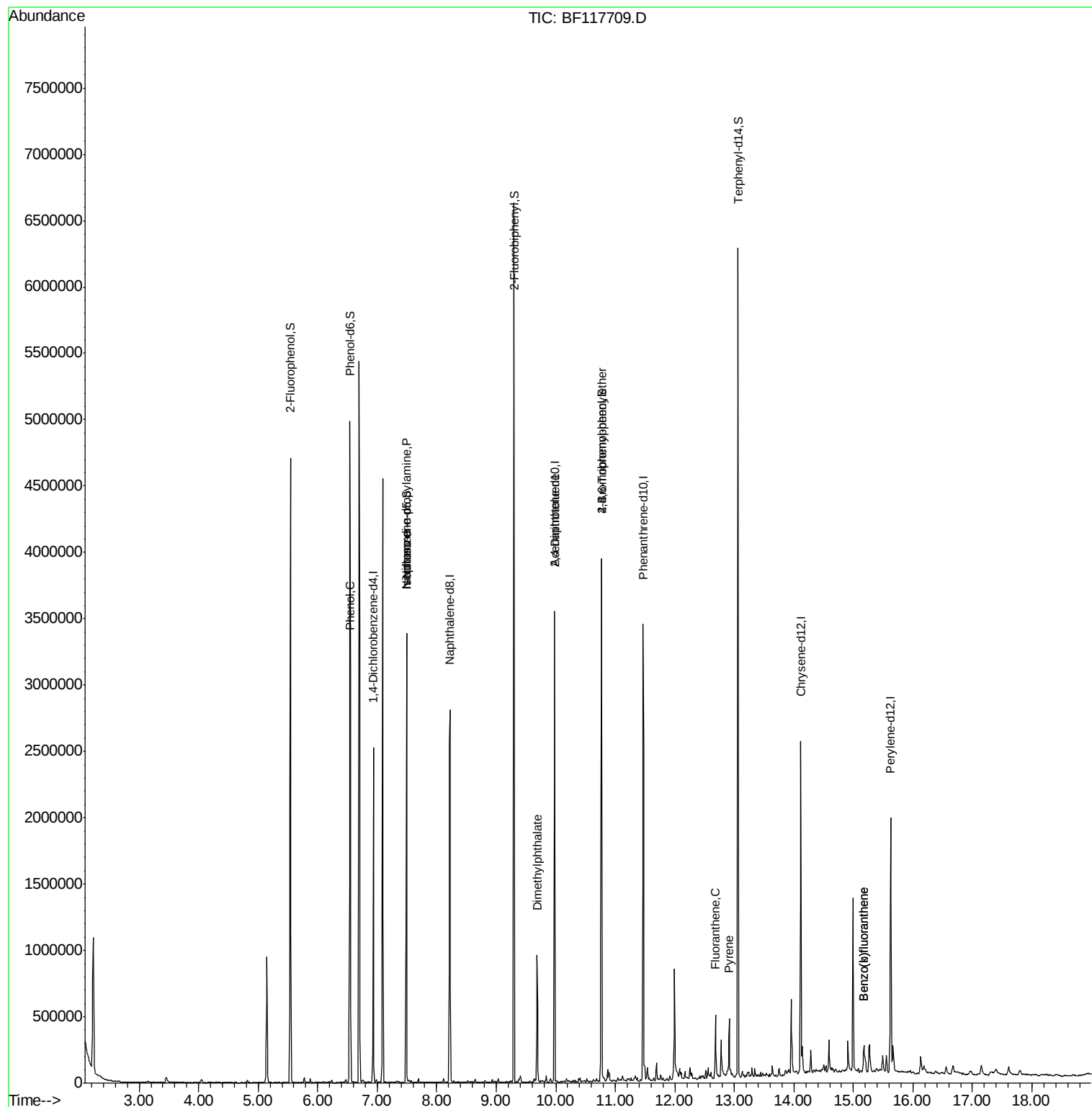
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	79767	3.349	ng	99
19) n-Nitroso-di-n-propylamine	7.49	70	131968	9.079	ng	# 77
25) Isophorone	7.49	82	975329	24.174	ng	# 62
50) Dimethylphthalate	9.69	163	331580	7.629	ng	99
57) 2,4-Dinitrotoluene	9.98	165	84298	6.752	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	28051	2.186	ng	# 1
75) Fluoranthene	12.69	202	166055	2.887	ng	93
78) Pyrene	12.92	202	156292	2.876	ng	97
88) Benzo(b)fluoranthene	15.17	252	140913	2.628	ng	96
89) Benzo(k)fluoranthene	15.17	252	140913	2.947	ng	98

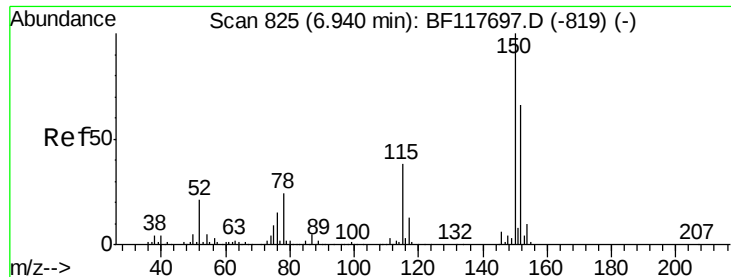
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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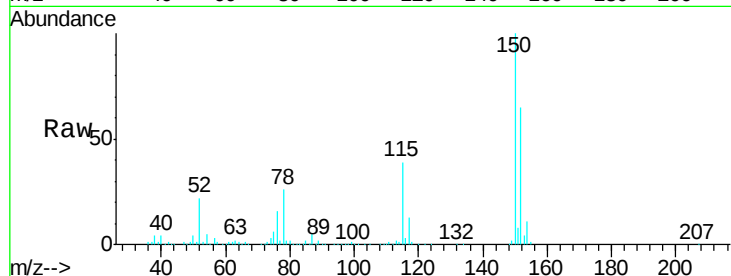


#1

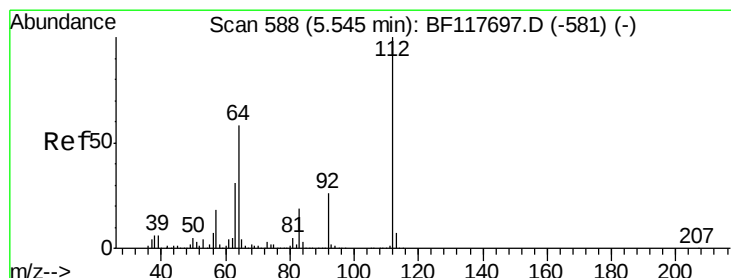
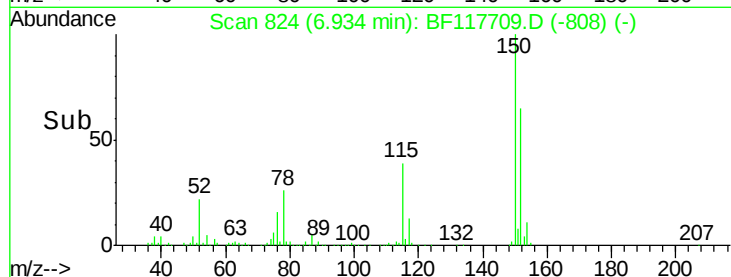
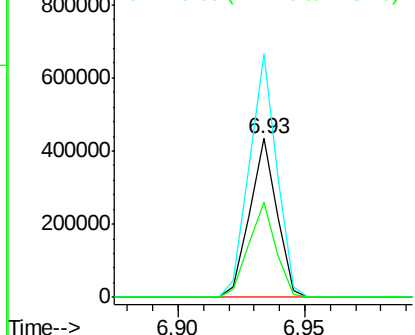
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
7-B

Tgt Ion:152 Resp: 324539
Ion Ratio Lower Upper
152 100
150 153.5 121.4 182.2
115 59.7 46.7 70.1



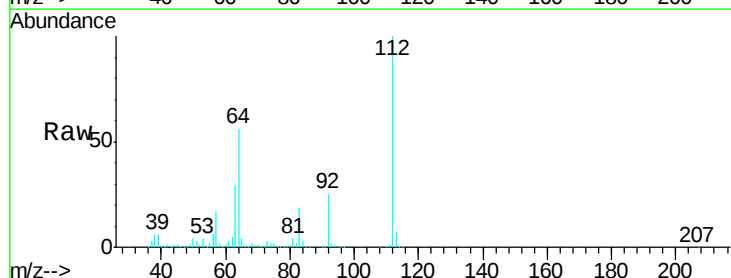
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



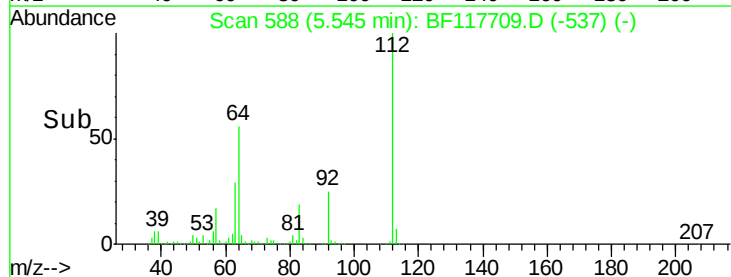
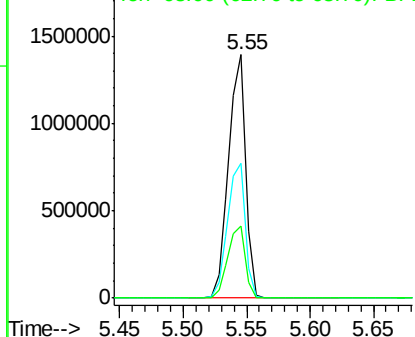
#5

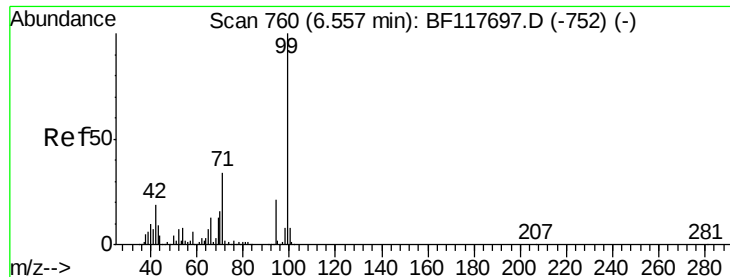
2-Fluorophenol
Concen: 72.348 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion:112 Resp: 1297123
Ion Ratio Lower Upper
112 100
64 55.6 46.4 69.6
63 29.5 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: 74.702 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117709.D

Acq: 7 Nov 2019 17:19

Instrument :

BNA_F

ClientSampleId :

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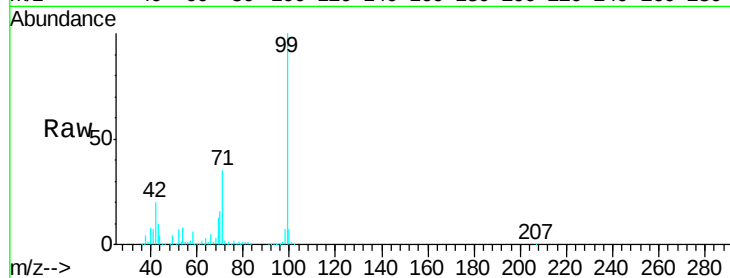
Tgt Ion: 99 Resp: 1651413

Ion Ratio Lower Upper

99 100

42 19.8 15.3 22.9

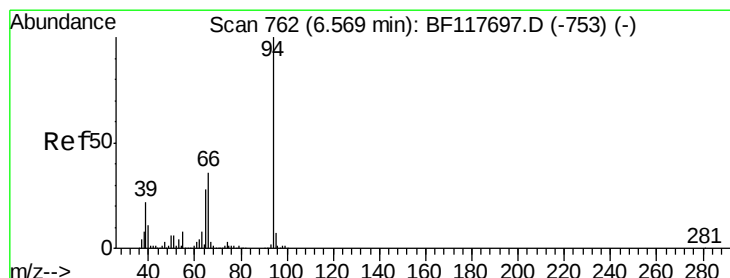
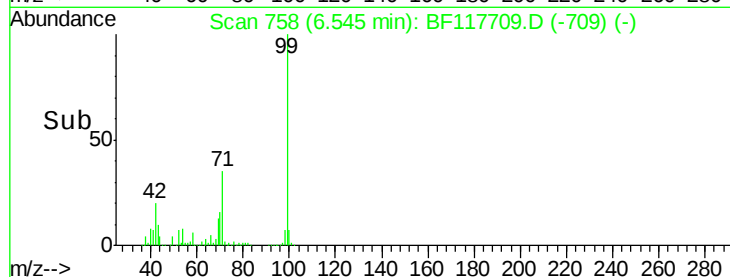
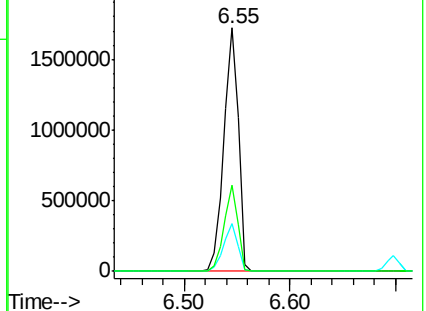
71 35.3 26.8 40.2



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: 3.349 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117709.D

Acq: 7 Nov 2019 17:19

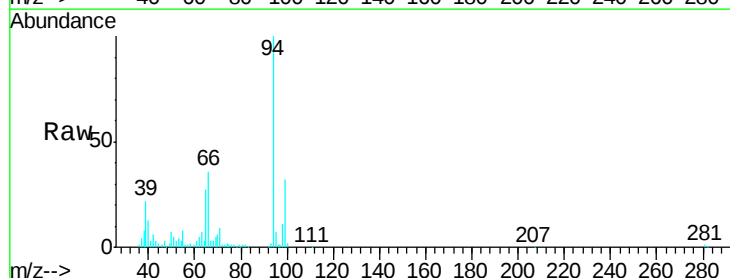
Tgt Ion: 94 Resp: 79767

Ion Ratio Lower Upper

94 100

65 26.6 7.6 47.6

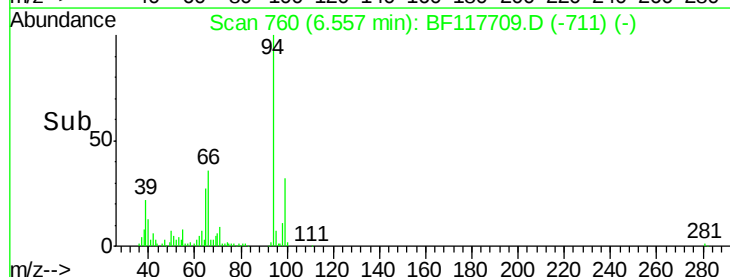
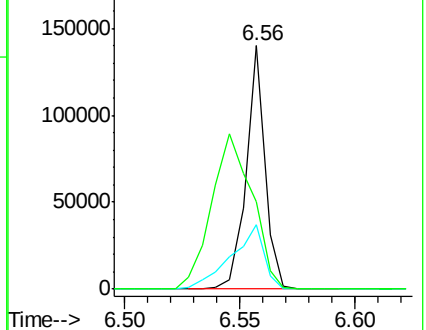
66 36.1 16.1 56.1

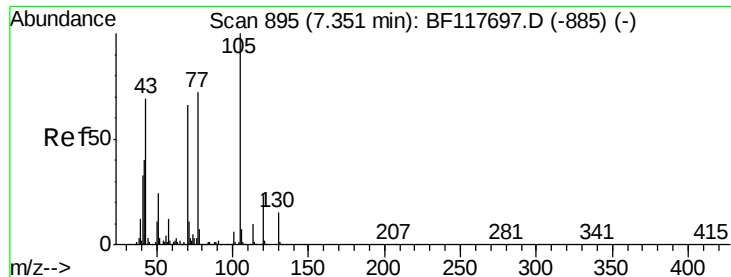


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

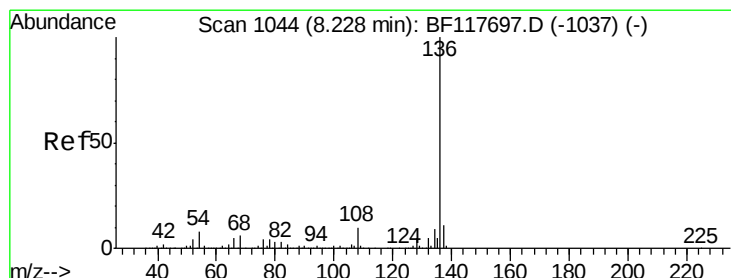
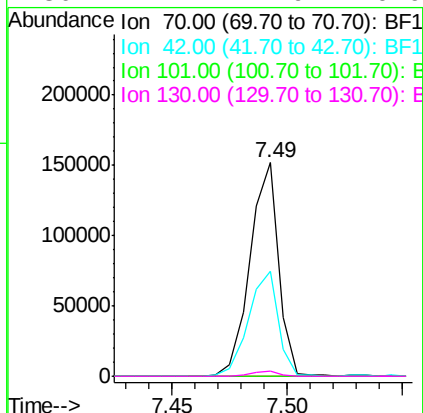
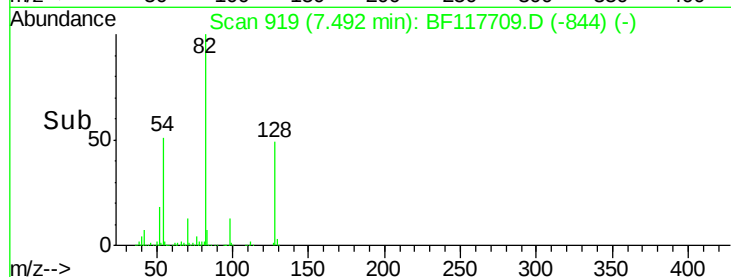
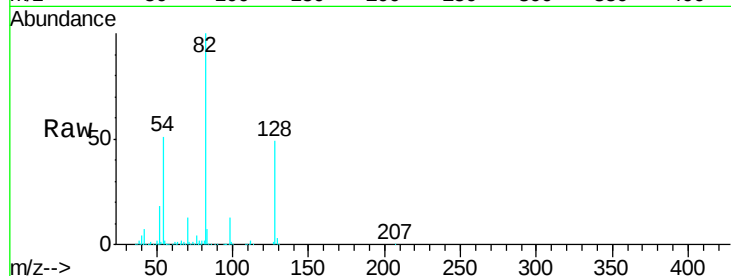




#19
n-Nitroso-di-n-propylamine
Concen: 9.079 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

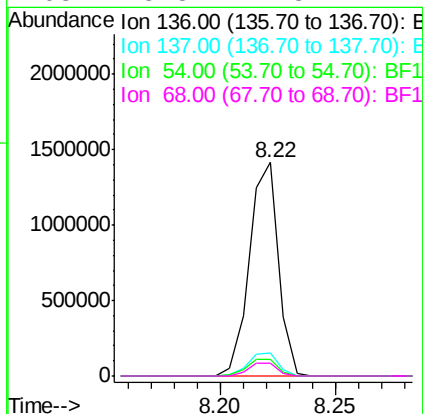
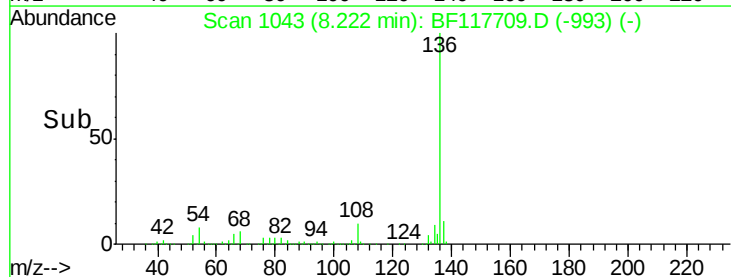
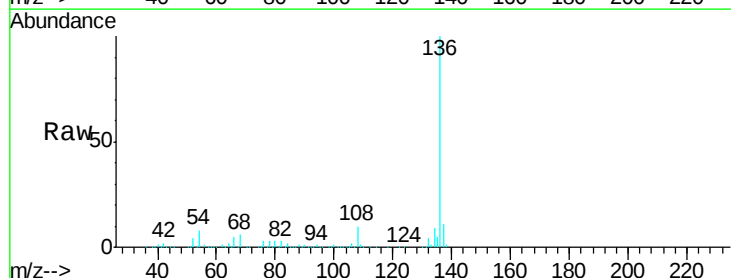
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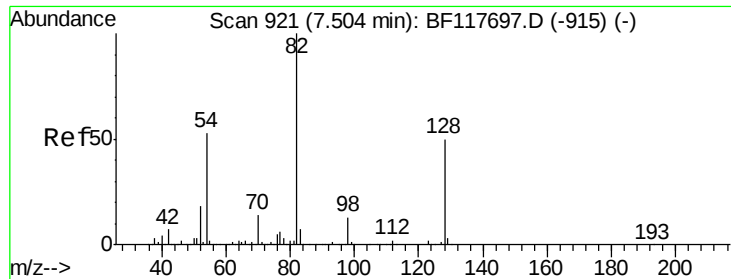
Tgt Ion: 70 Resp: 131968
Ion Ratio Lower Upper
70 100
42 49.1 49.1 73.7#
101 0.0 7.8 11.8#
130 2.2 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion: 136 Resp: 1245393
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.0 9.0
68 5.8 4.8 7.2

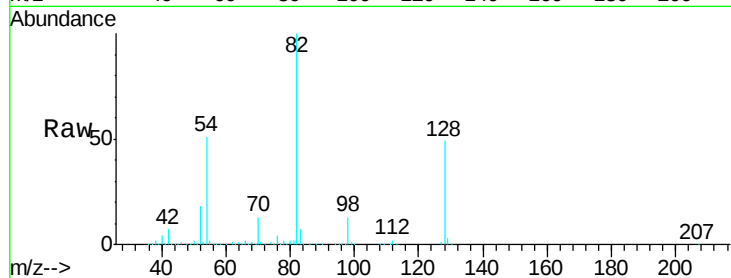




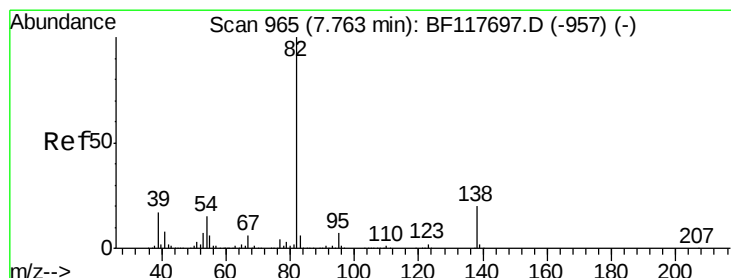
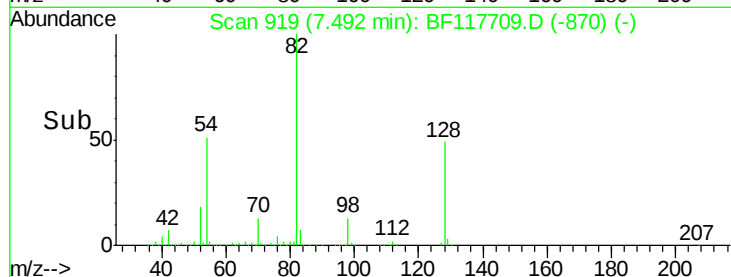
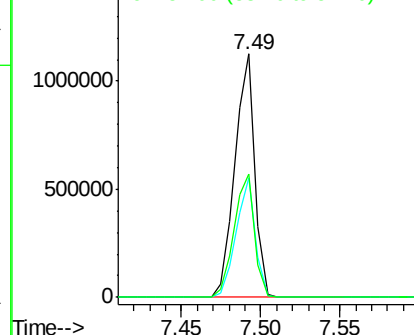
#23
Nitrobenzene-d5
Concen: 46.385 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
7-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.2	60.2
54	50.9	42.0	63.0

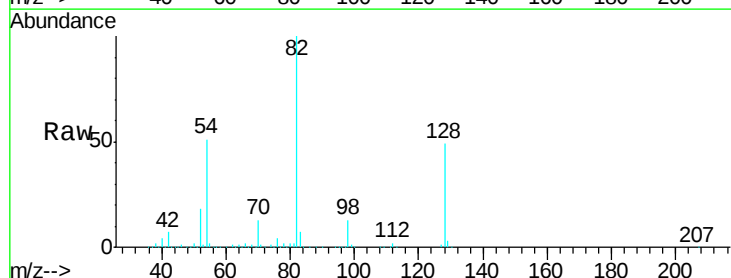


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

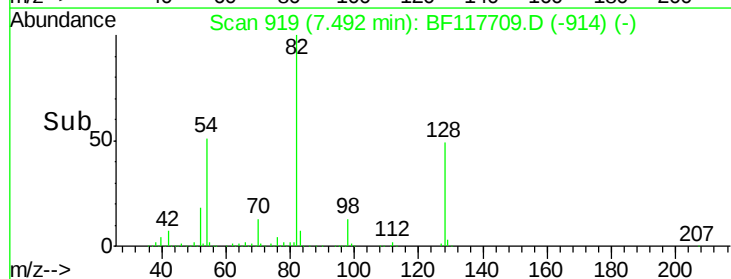
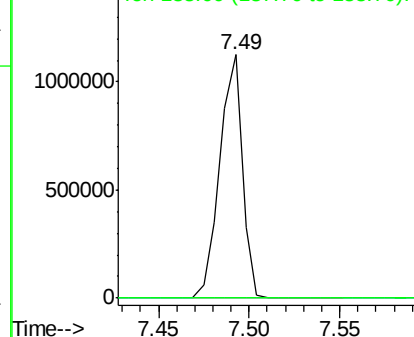


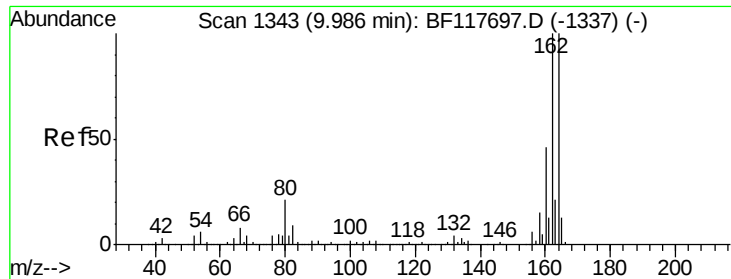
#25
Isophorone
Concen: 24.174 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt 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

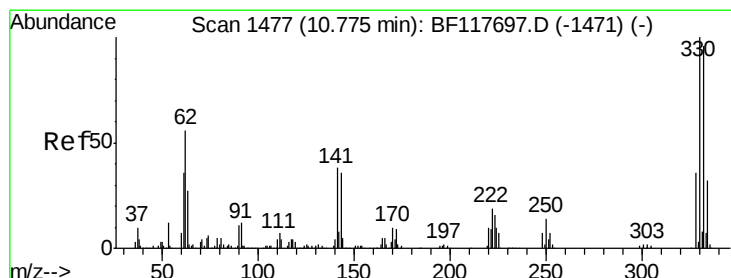
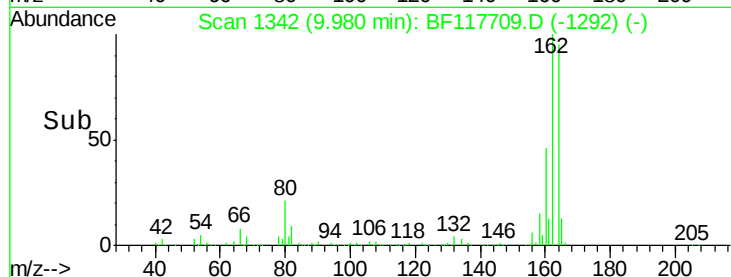
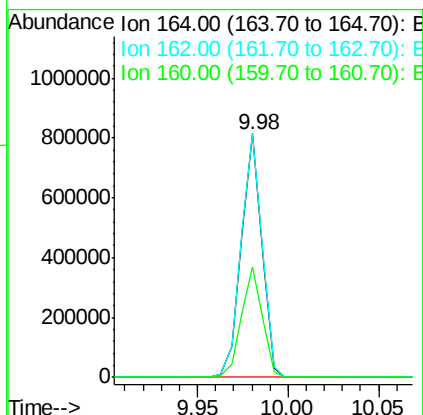
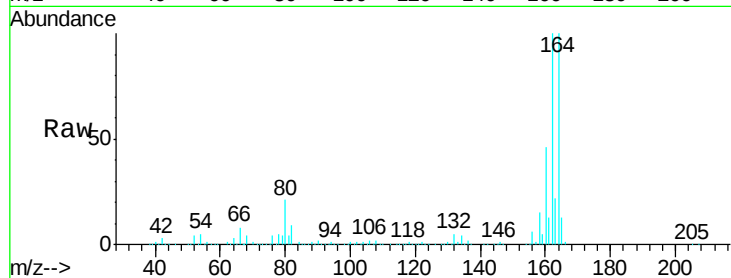




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

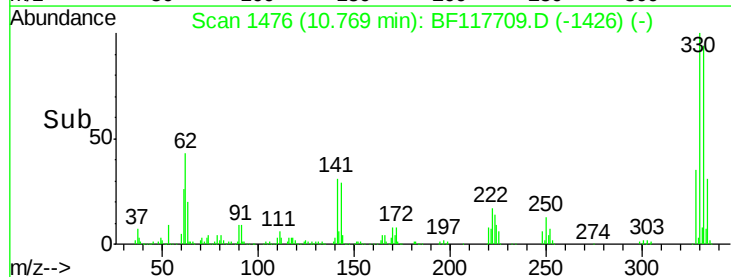
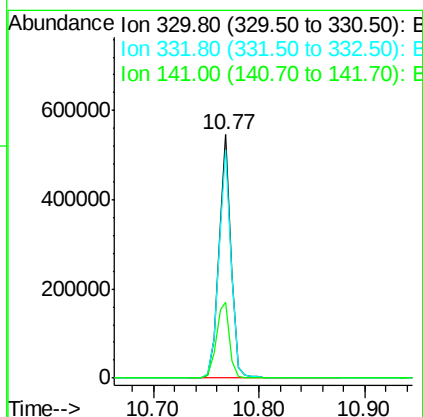
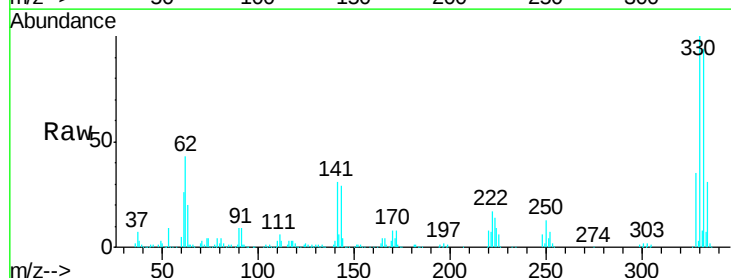
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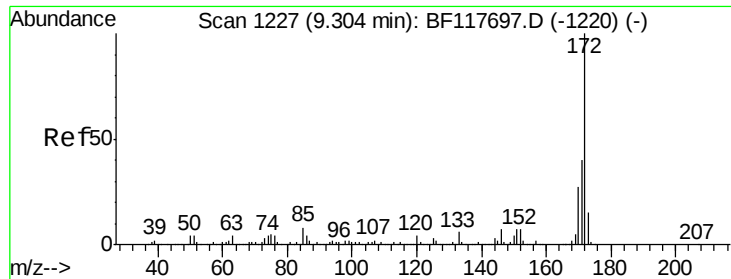
Tgt Ion:164 Resp: 642878
 Ion Ratio Lower Upper
 164 100
 162 100.1 79.7 119.5
 160 45.6 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 71.393 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Tgt Ion:330 Resp: 448978
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 34.3 28.0 42.0

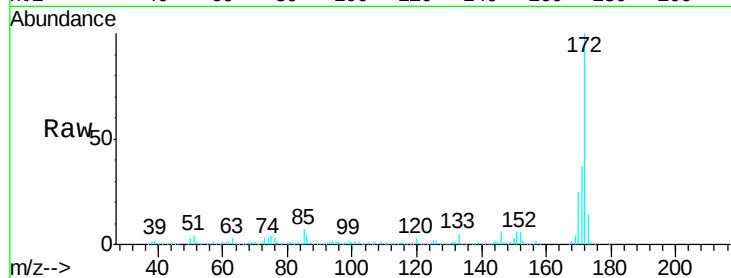




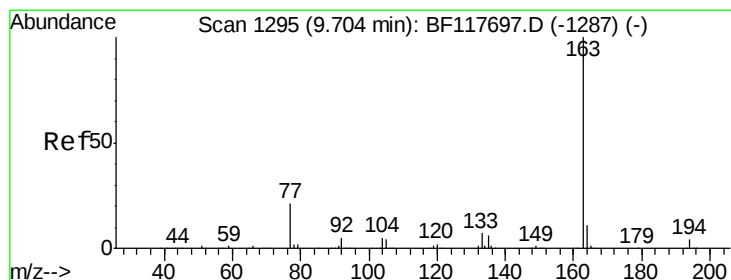
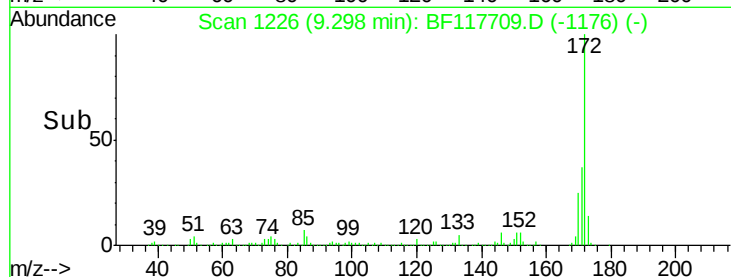
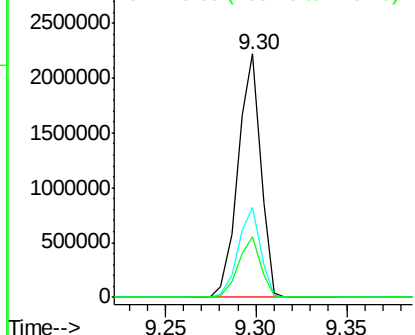
#45
2-Fluorobiphenyl
Concen: 59.268 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1931177
Ion Ratio Lower Upper
172 100
171 37.0 31.8 47.8
170 24.7 21.6 32.4

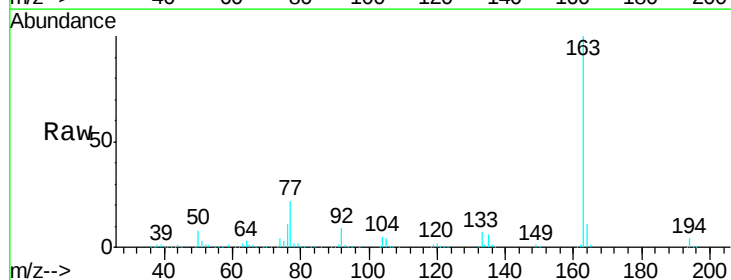


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

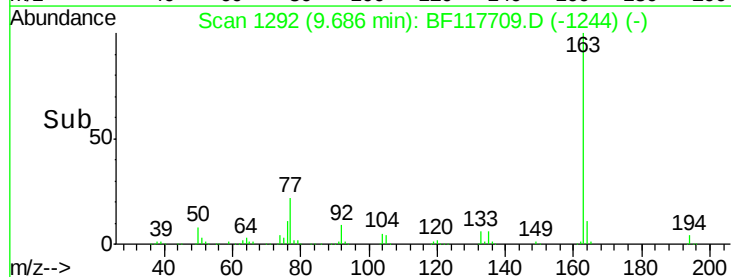
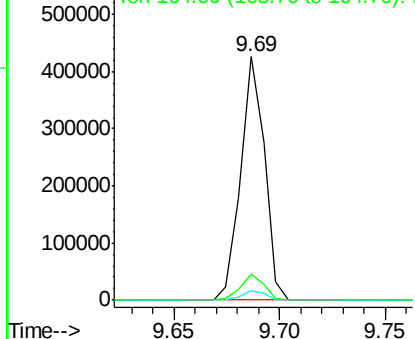


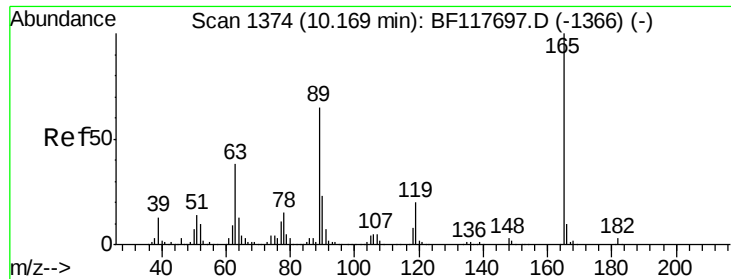
#50
Dimethylphthalate
Concen: 7.629 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion:163 Resp: 331580
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.6 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

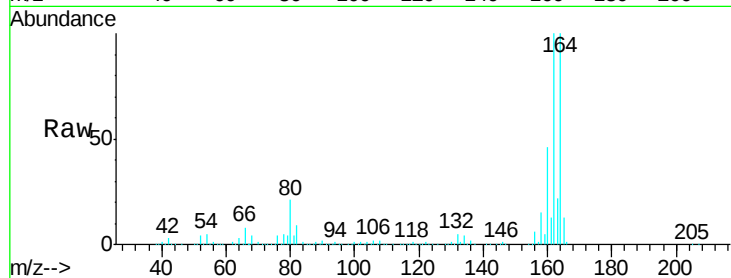




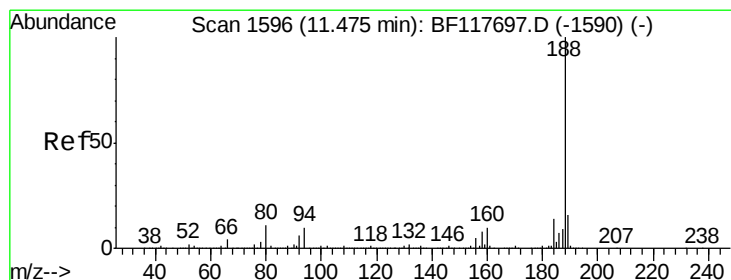
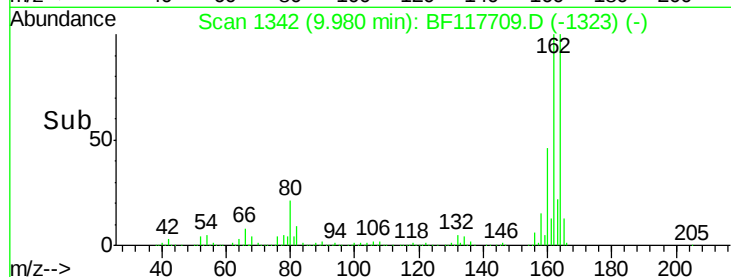
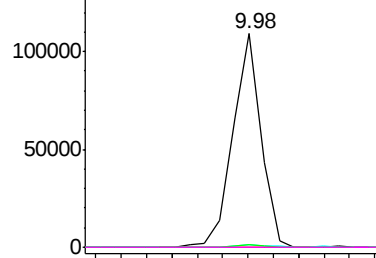
#57
 2,4-Dinitrotoluene
 Concen: 6.752 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:165 Resp: 84298
 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#

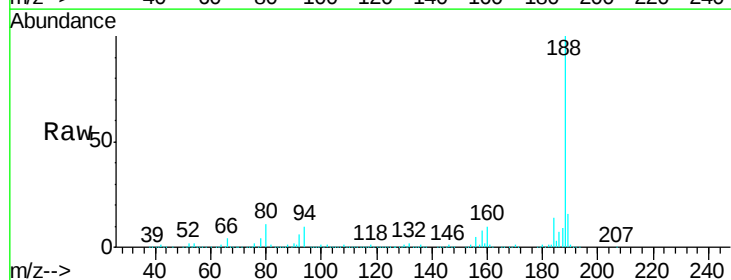


Abundance Ion 165.00 (164.70 to 165.70): E

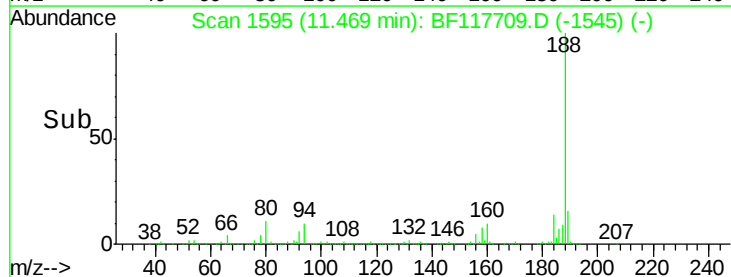
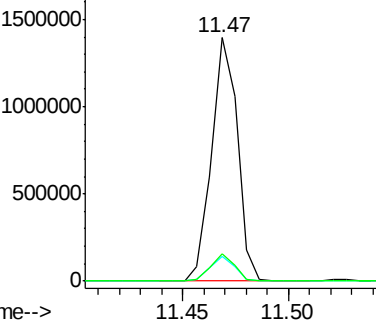


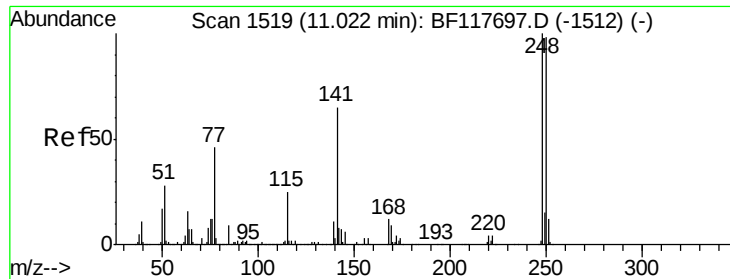
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Tgt Ion:188 Resp: 1175127
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.4
 80 11.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

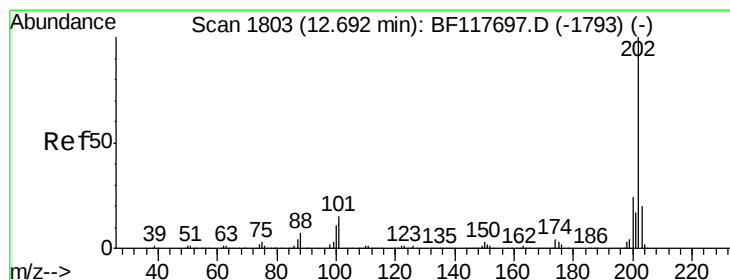
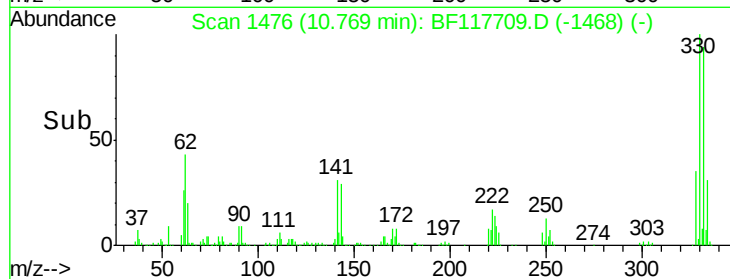
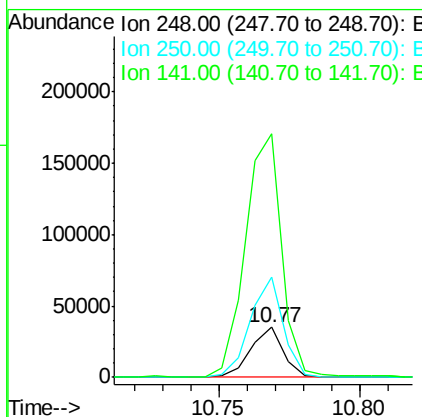
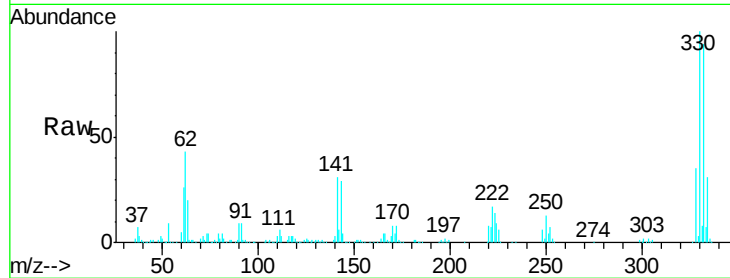




#67
 4-Bromophenyl-phenylether
 Concen: 2.186 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.25 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

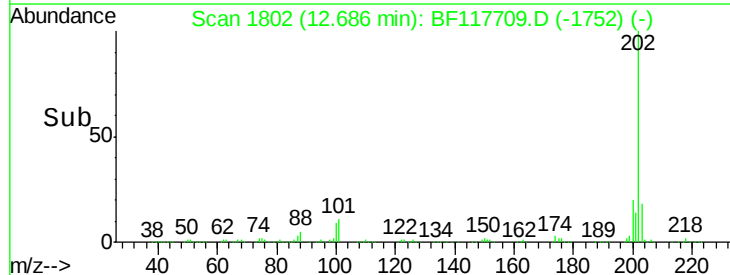
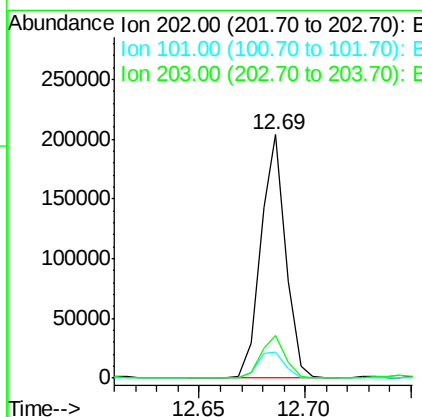
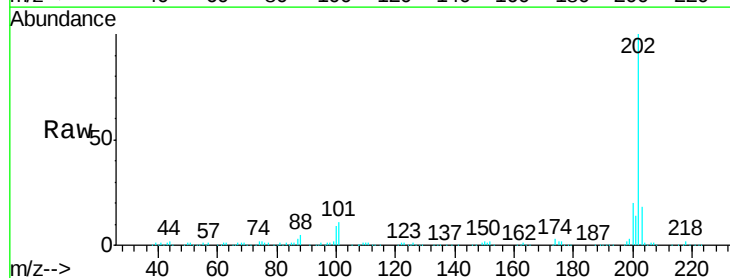
Instrument :
 BNA_F
 ClientSampleId :
 7-B

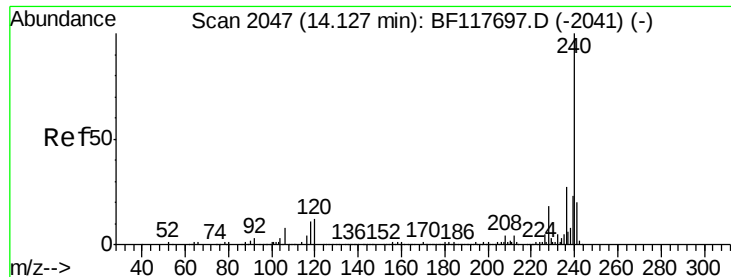
Tgt Ion:248 Resp: 28051
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.7 118.1#
 141 484.3 51.8 77.8#



#75
 Fluoranthene
 Concen: 2.887 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF117709.D
 Acq: 7 Nov 2019 17:19

Tgt Ion:202 Resp: 166055
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 34.5
 203 17.5 0.0 39.8

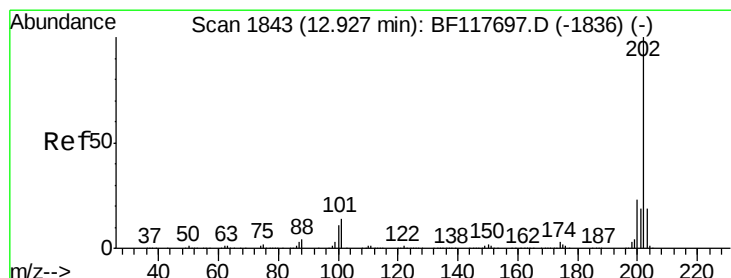
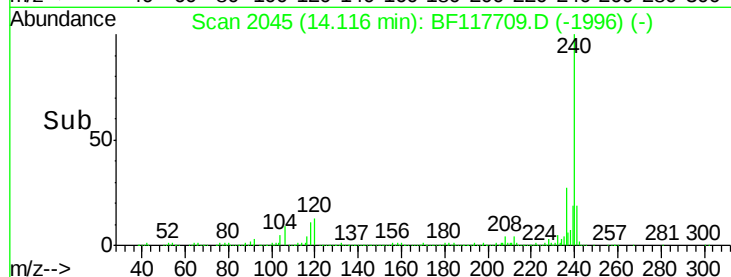
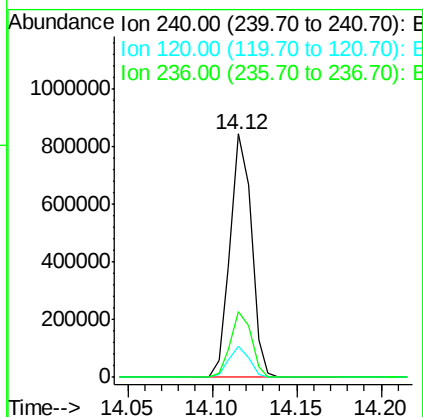
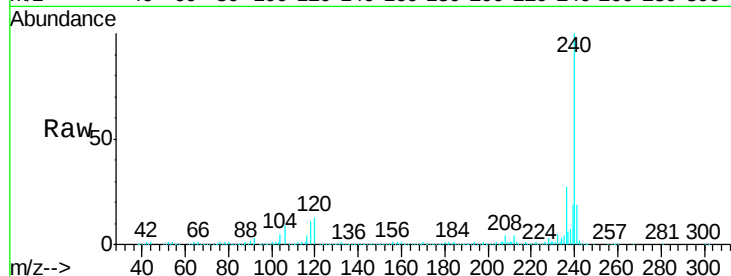




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

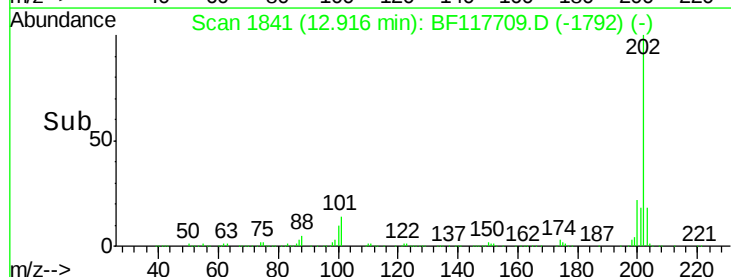
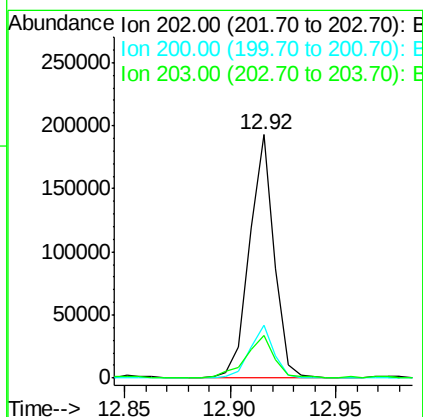
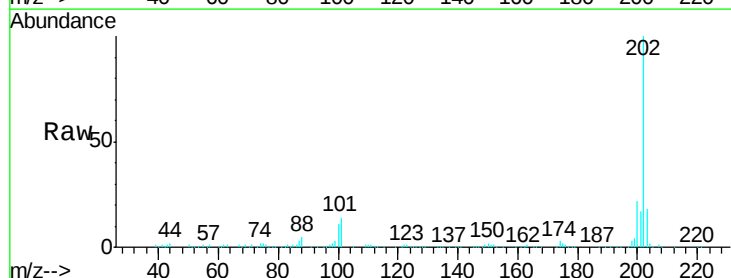
Instrument :
BNA_F
ClientSampleId :
7-B

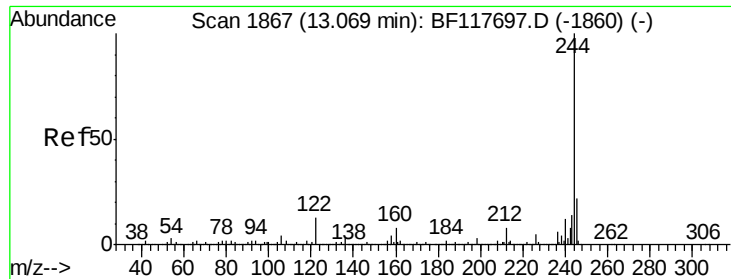
Tgt Ion:240 Resp: 744336
Ion Ratio Lower Upper
240 100
120 12.7 9.7 14.5
236 26.8 21.9 32.9



#78
Pyrene
Concen: 2.876 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion:202 Resp: 156292
Ion Ratio Lower Upper
202 100
200 21.9 18.8 28.2
203 17.8 15.2 22.8





#79

Terphenyl-d14

Concen: 56.216 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117709.D

Acq: 7 Nov 2019 17:19

Instrument :

BNA_F

ClientSampleId :

7-B

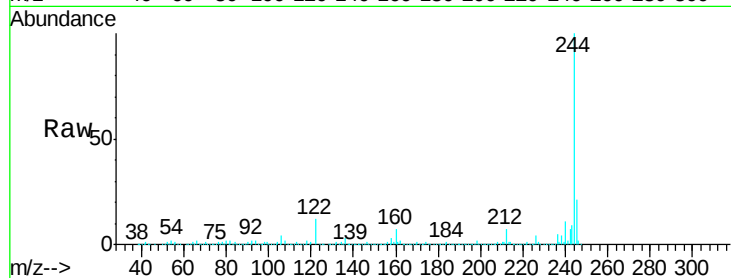
Tgt Ion:244 Resp: 2032654

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

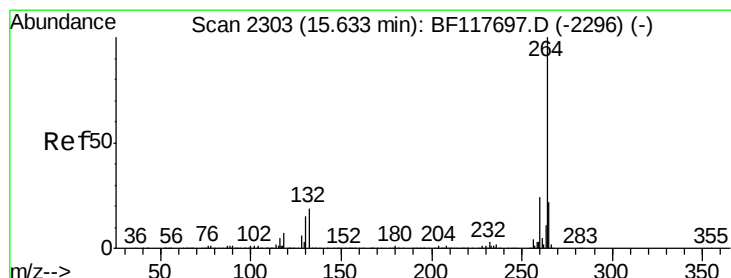
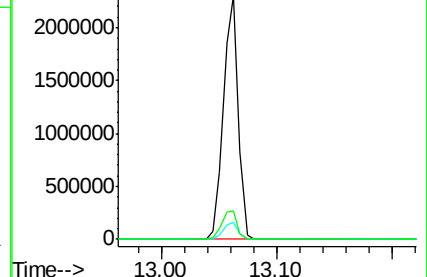
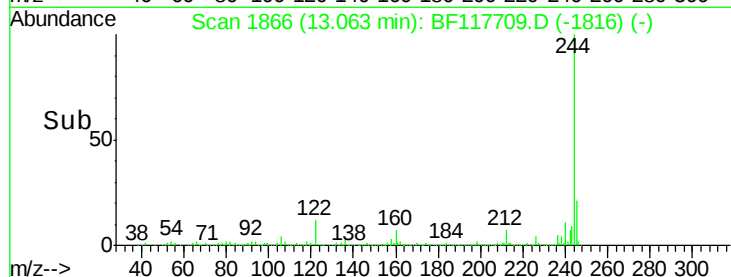
122 11.8 10.0 15.0



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: BF117709.D

Acq: 7 Nov 2019 17:19

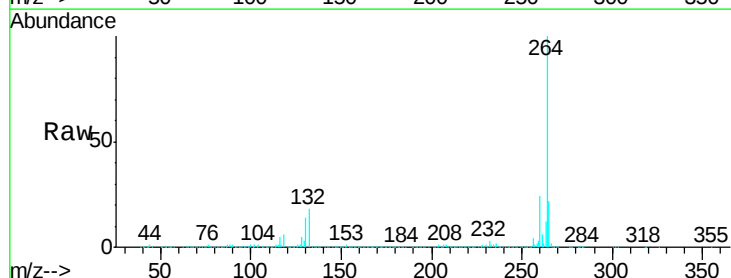
Tgt Ion:264 Resp: 851336

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

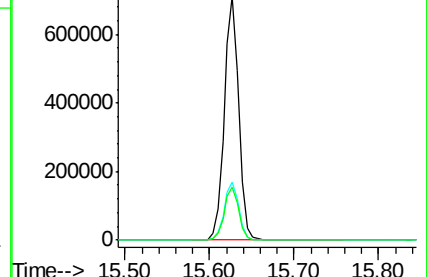
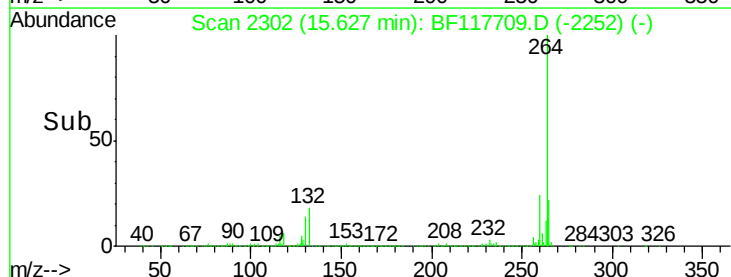
265 21.6 17.7 26.5

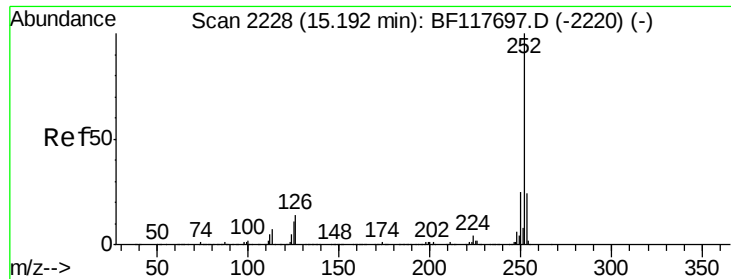


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

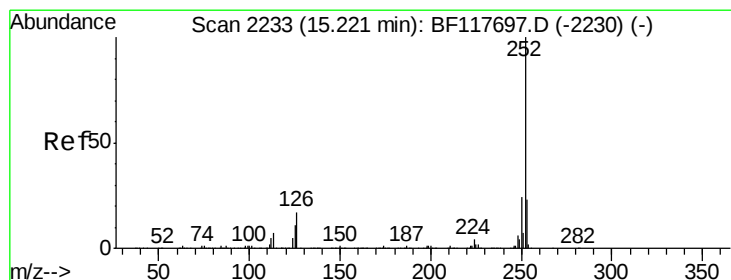
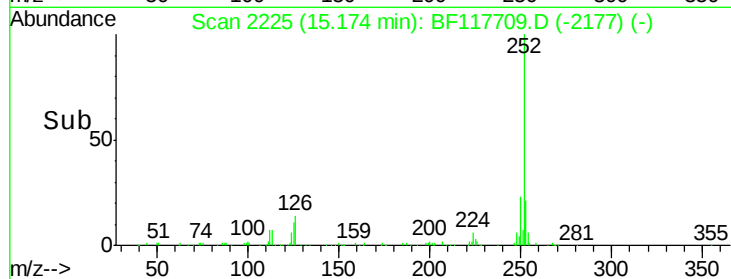
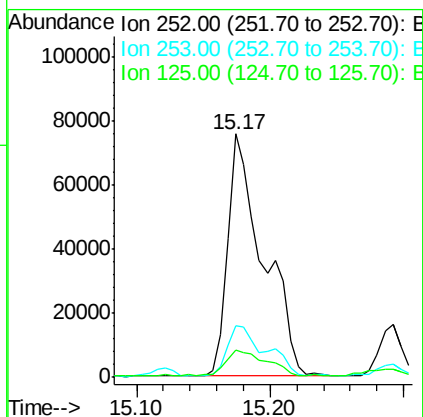
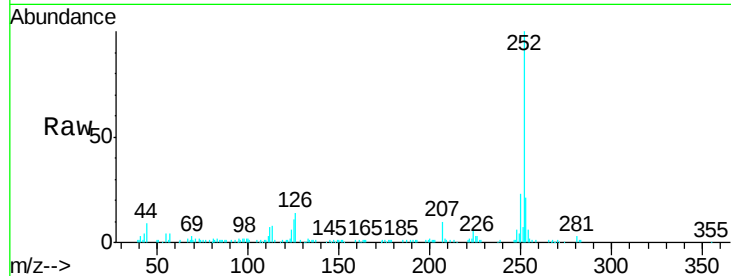




#88
Benzo(b)fluoranthene
Concen: 2.628 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Instrument :
BNA_F
ClientSampleId :
7-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.9	28.3
125	11.2	8.5	12.7



#89
Benzo(k)fluoranthene
Concen: 2.947 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117709.D
Acq: 7 Nov 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	11.2	9.1	13.7

