

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116369.D
 Acq On : 17 Aug 2019 20:34
 Operator : HP/JU
 Sample : K4223-25
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 05:56:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

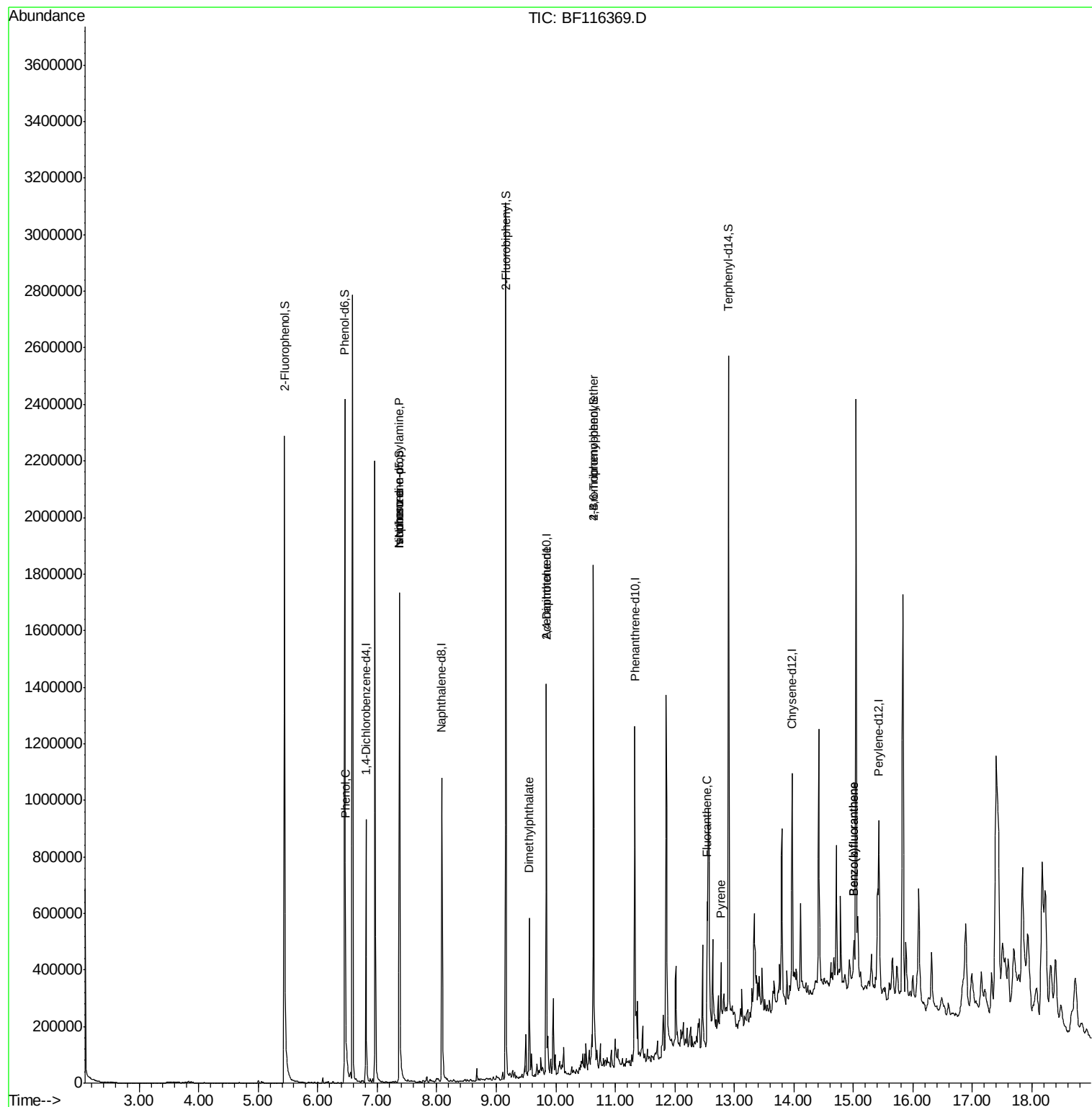
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134509	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	514434	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	255858	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	386502	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	243525	20.00	ng	-0.04
87) Perylene-d12	15.43	264	276550	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	758859	94.45	ng	-0.03
7) Phenol-d6	6.46	99	977846	96.46	ng	-0.03
23) Nitrobenzene-d5	7.37	82	614590	68.96	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	220360	88.83	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	935724	68.50	ng	-0.04
79) Terphenyl-d14	12.90	244	754017	65.24	ng	-0.05
Target Compounds						
10) Phenol	6.47	94	24475	2.050	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	81213	12.928	ng	# 79
25) Isophorone	7.37	82	614586	36.065	ng	# 65
50) Dimethylphthalate	9.56	163	206700	11.865	ng	99
57) 2,4-Dinitrotoluene	9.84	165	33091	6.565	ng	# 21
67) 4-Bromophenyl-phenylether	10.63	248	13459	3.253	ng	# 1
75) Fluoranthene	12.54	202	60750	2.937	ng	97
78) Pyrene	12.77	202	49922	2.719	ng	98
88) Benzo(b)fluoranthene	15.01	252	43644	2.729	ng	# 77
89) Benzo(k)fluoranthene	15.01	252	43644	2.802	ng	# 76

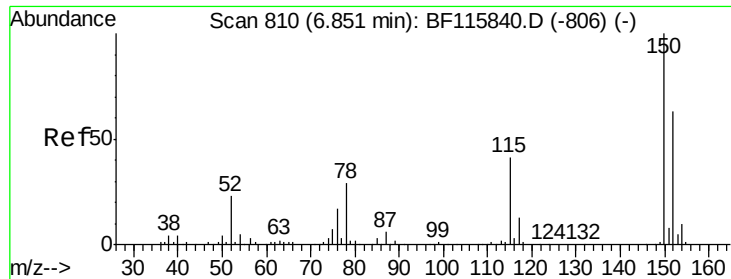
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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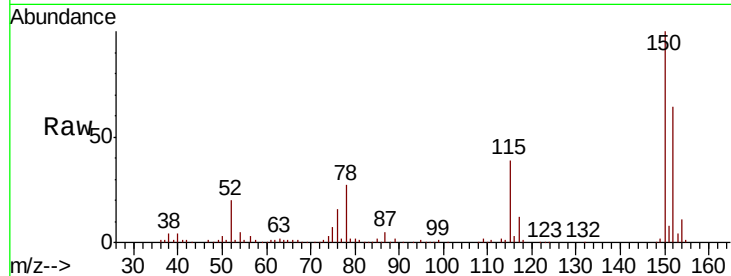


#1

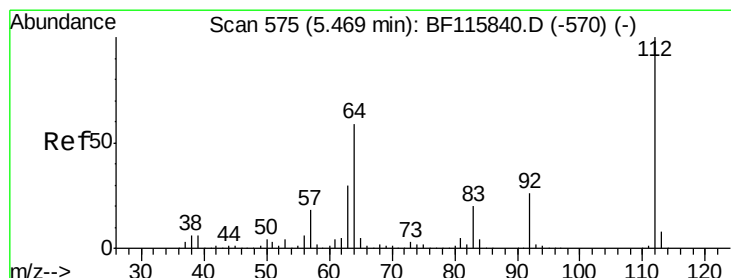
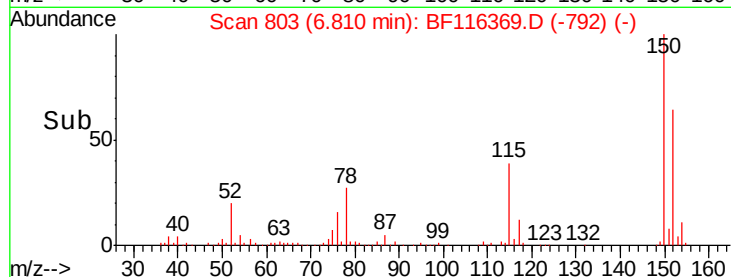
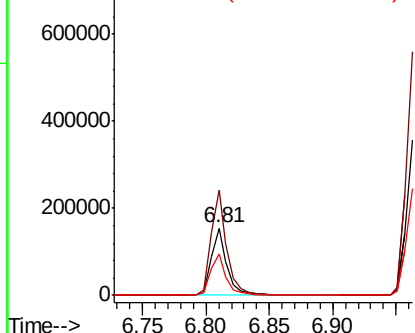
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.04 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 134509
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 61.6 49.9 74.9



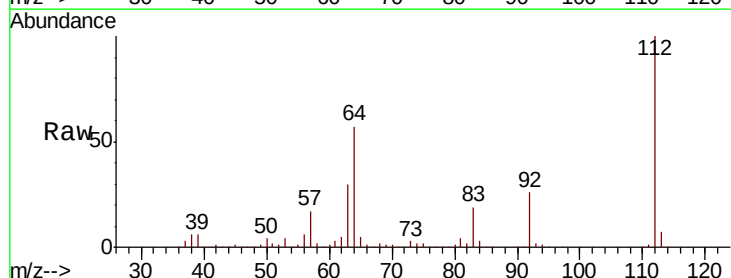
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



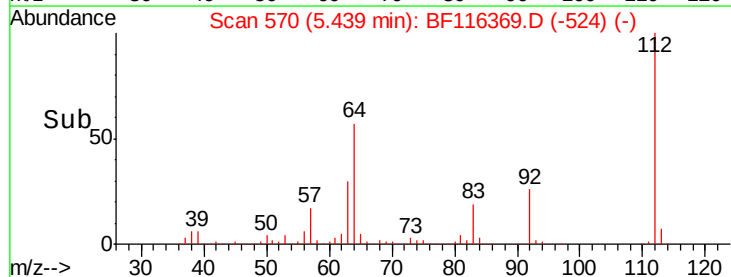
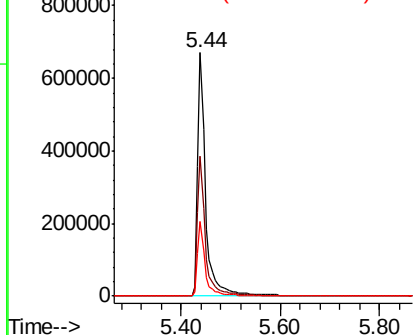
#5

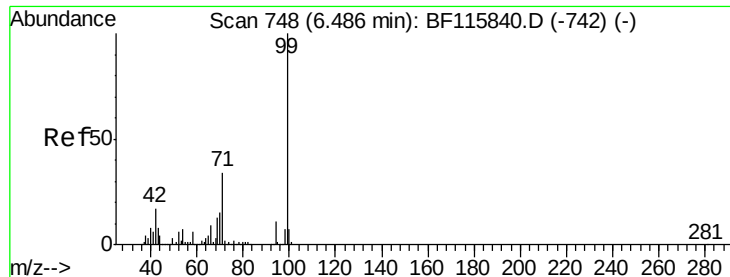
2-Fluorophenol
 Concen: 94.445 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Tgt Ion:112 Resp: 758859
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.4 68.2
 63 30.5 23.7 35.5



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: 96.459 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

Instrument :

BNA_F

ClientSampled :

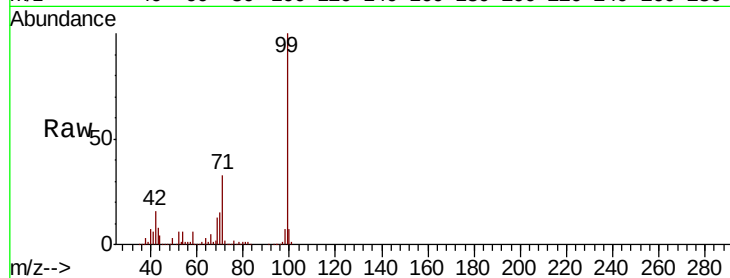
Tot Ion: 99 Resp: 977846

Ion Ratio Lower Upper

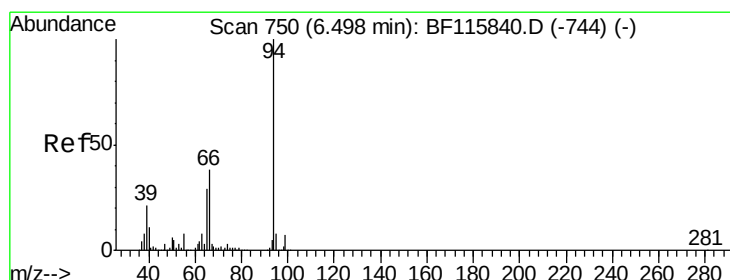
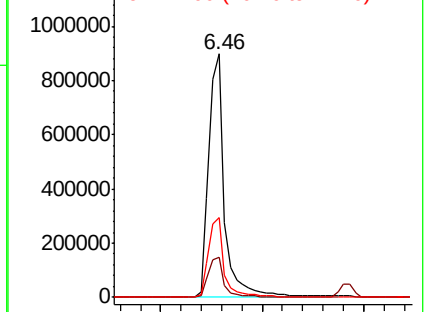
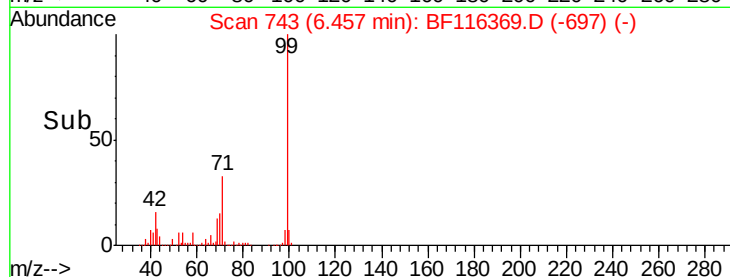
99 100

42 16.4 13.8 20.8

71 32.7 27.3 40.9



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: 2.050 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

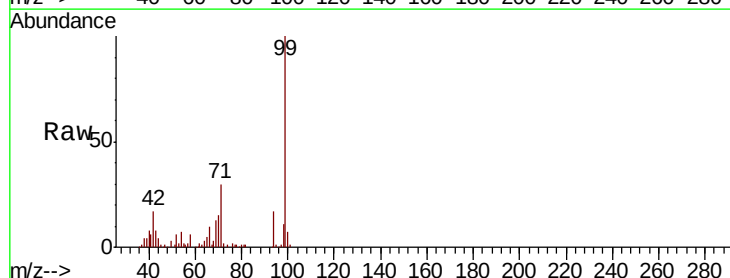
Tgt Ion: 94 Resp: 24475

Ion Ratio Lower Upper

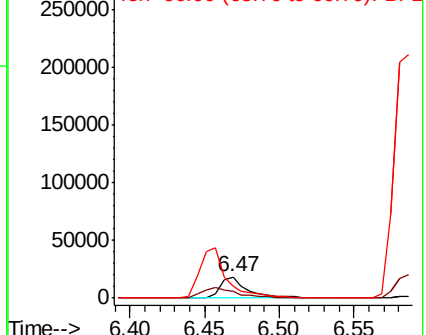
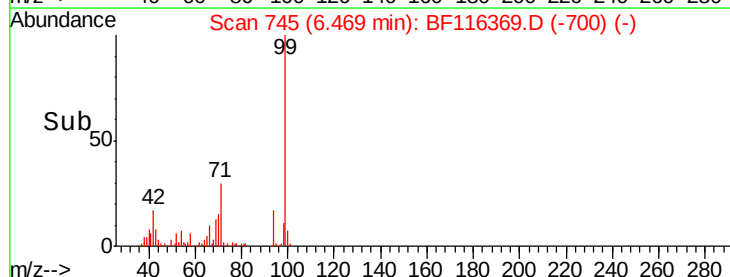
94 100

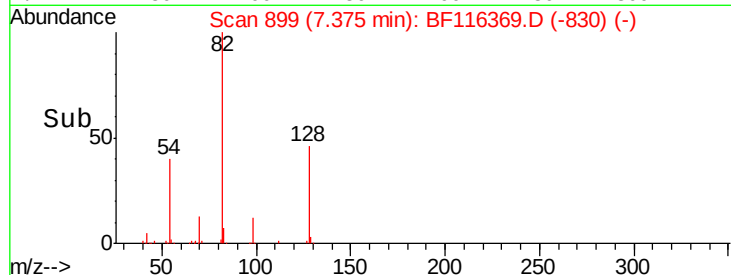
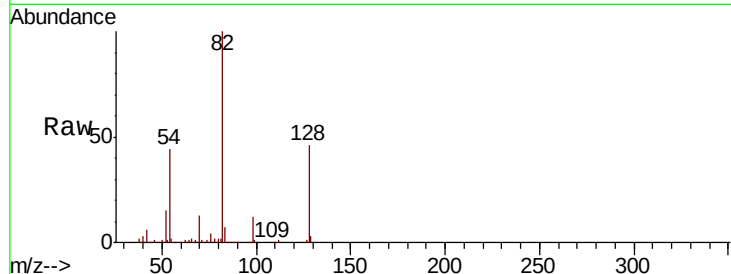
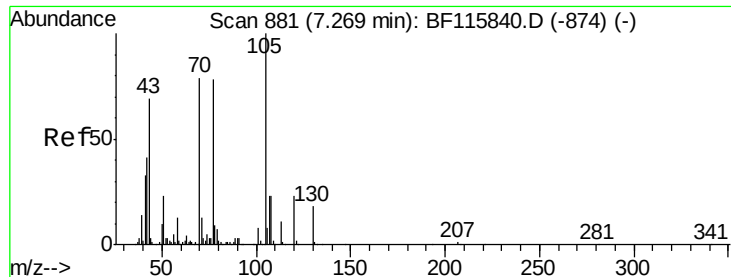
65 31.2 16.8 56.8

66 60.1 34.2 74.2



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

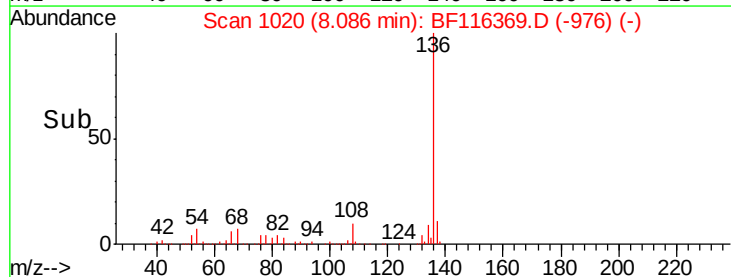
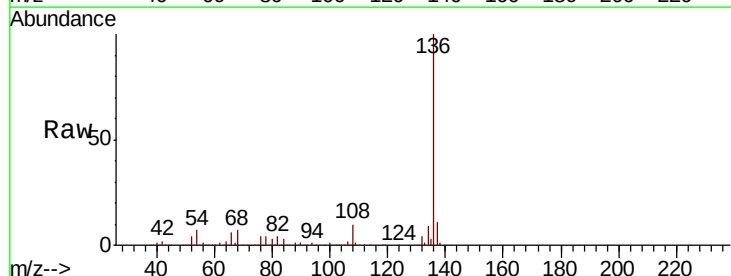
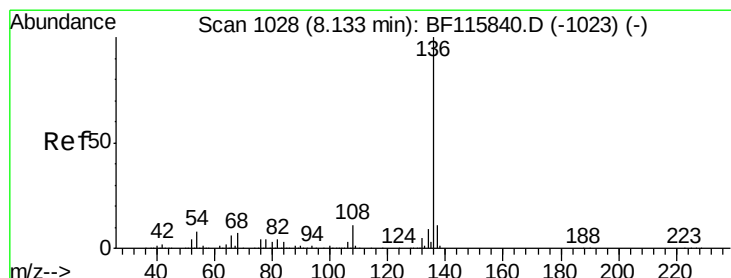
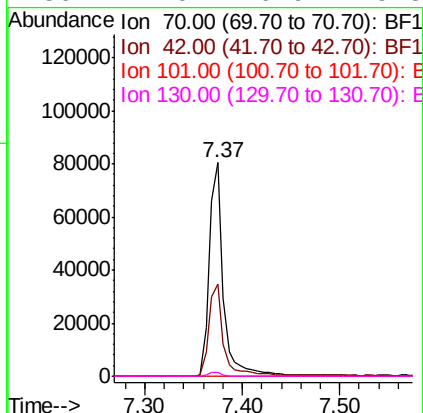




#19
n-Nitroso-di-n-propylamine
Concen: 12.928 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.11 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

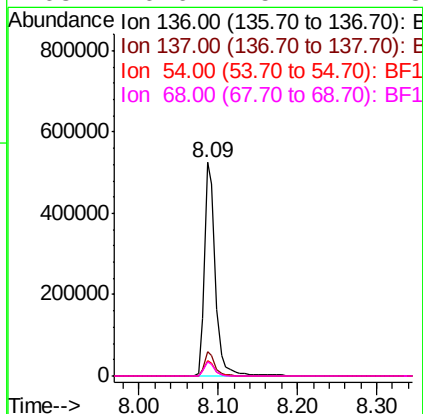
Instrument :
BNA_F
ClientSampleId :

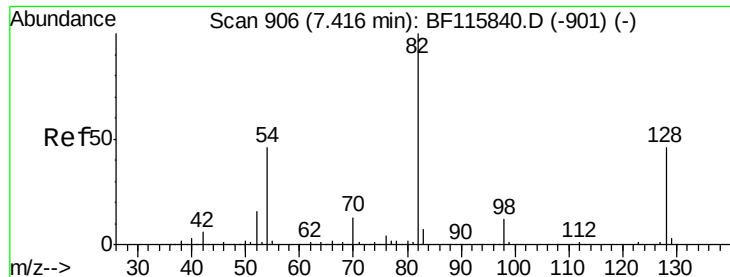
Tot Ion: 70 Resp: 81213
Ion Ratio Lower Upper
70 100
42 43.0 40.9 61.3
101 0.0 7.9 11.9#
130 2.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion: 136 Resp: 514434
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.4 5.8 8.6
68 6.6 5.2 7.8

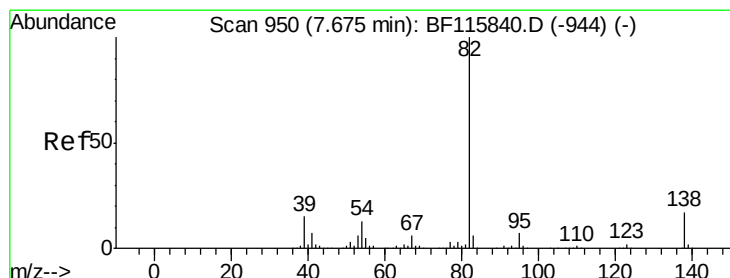
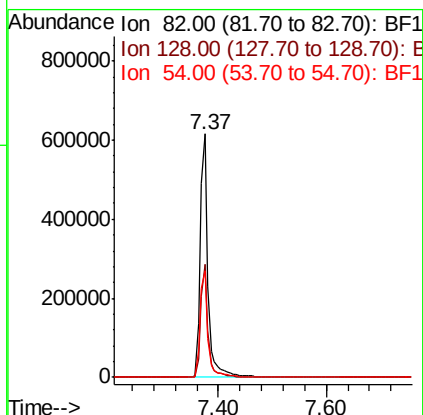
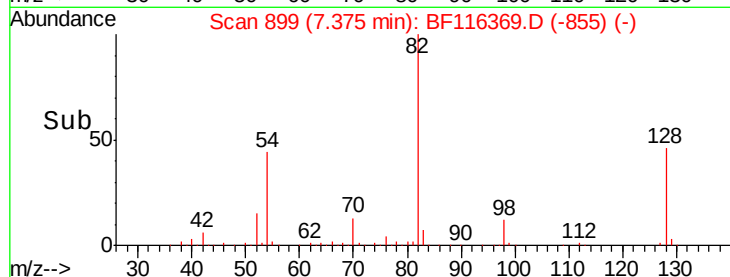
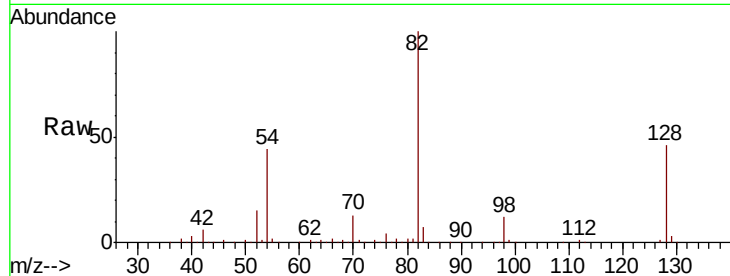




#23
 Nitrobenzene-d5
 Concen: 68.961 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

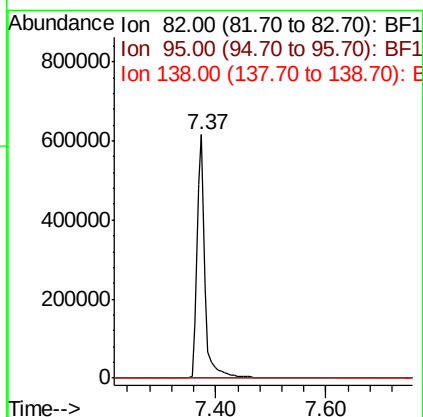
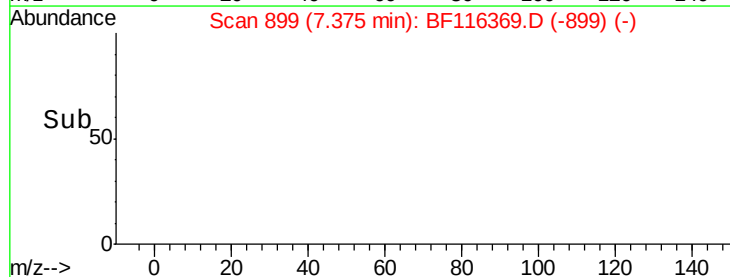
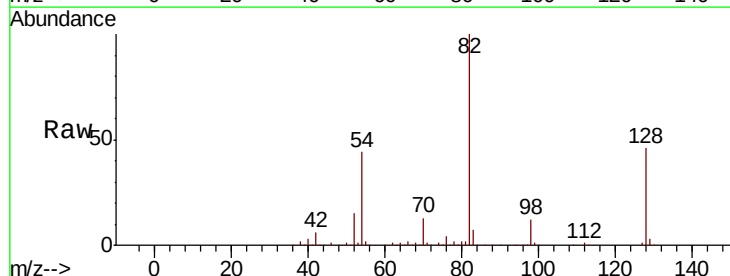
Instrument :
 BNA_F
 ClientSampleId :

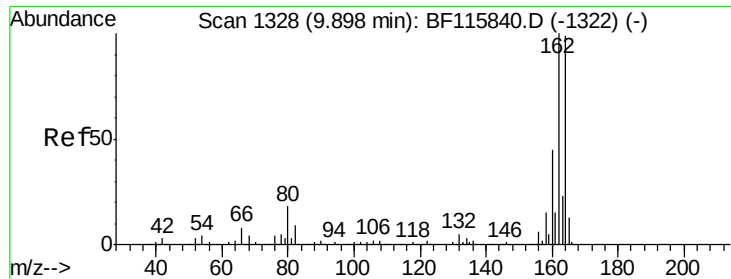
Tot Ion	82	Resp	614590
Ion Ratio	100	Lower	Upper
128	46.4	36.5	54.7
54	43.6	36.0	54.0



#25
 Isophorone
 Concen: 36.065 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.30 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Tgt Ion	82	Resp	614586
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

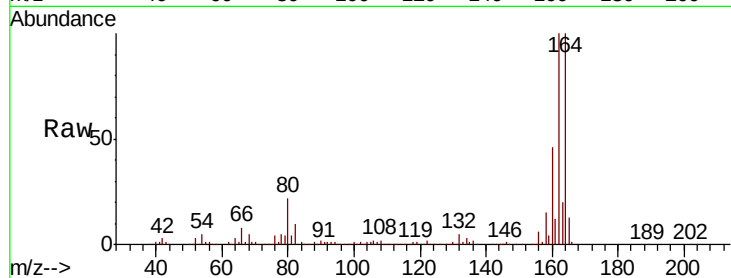




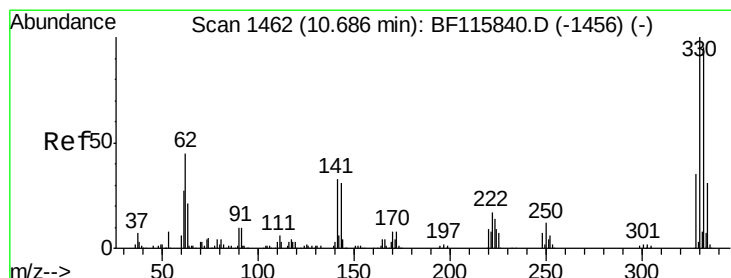
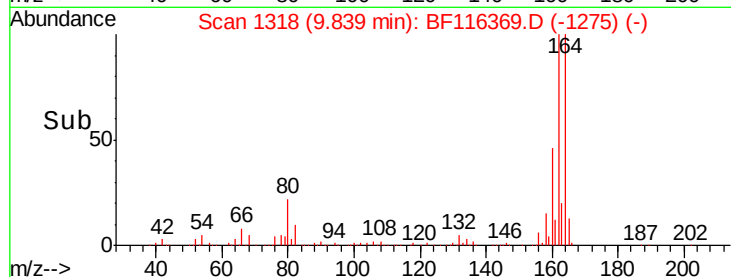
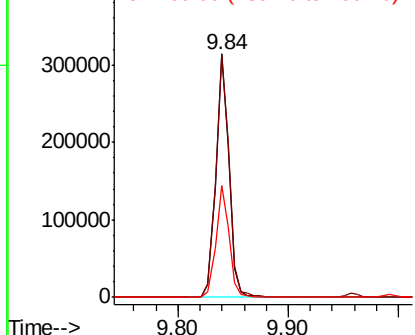
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 255858
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 124.0
 160 46.1 37.6 56.4

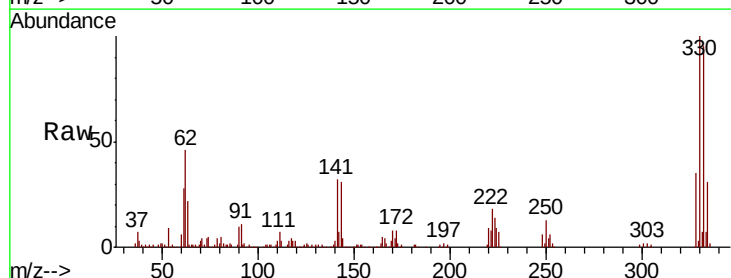


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

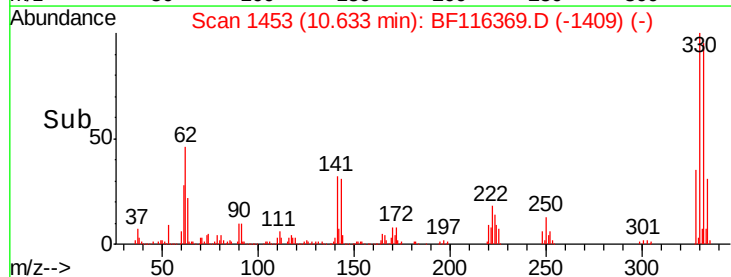
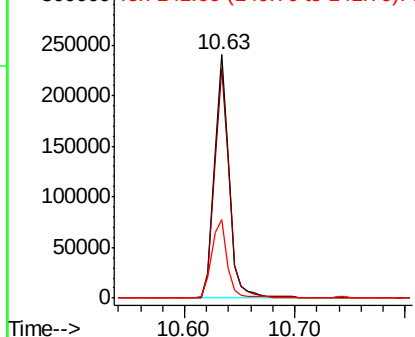


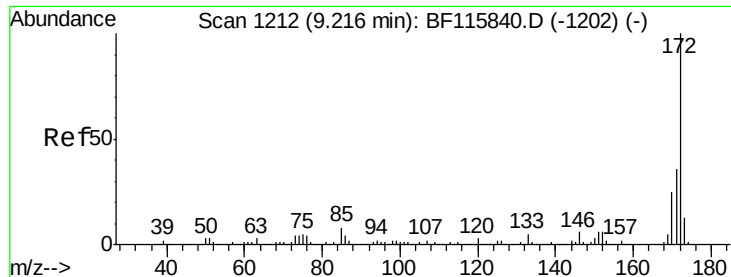
#42
 2,4,6-Tribromophenol
 Concen: 88.833 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.04 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Tgt Ion:330 Resp: 220360
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 34.0 26.3 39.5



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

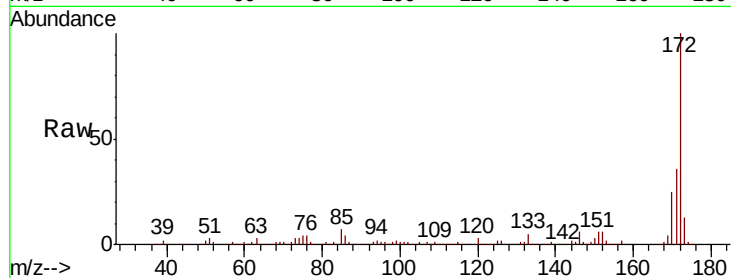




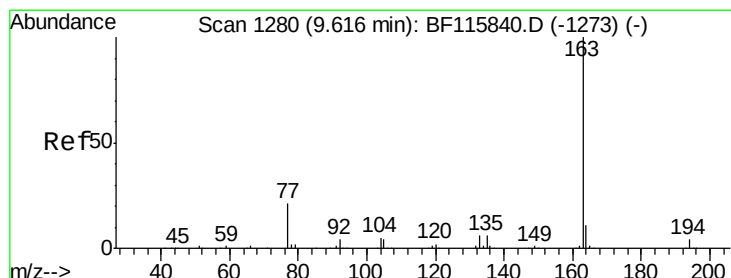
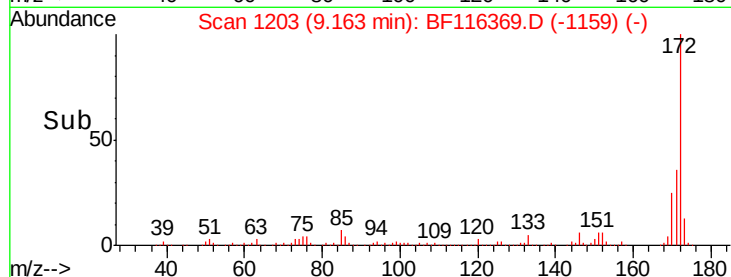
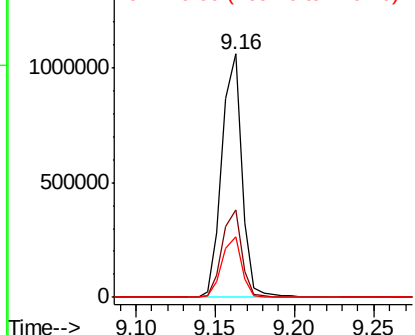
#45
2-Fluorobiphenyl
Concen: 68.502 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 935724
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.9 20.1 30.1

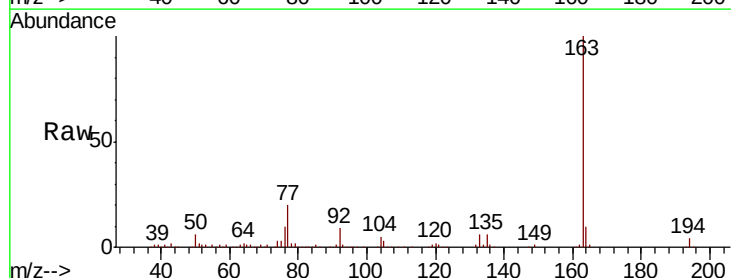


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

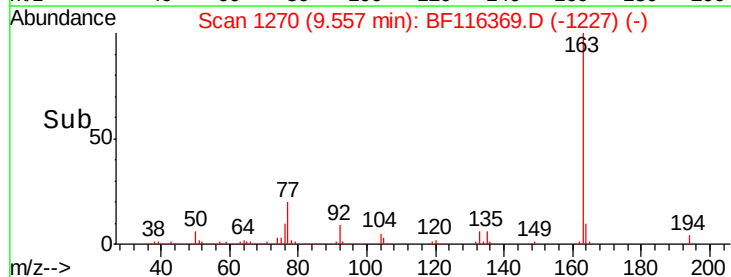
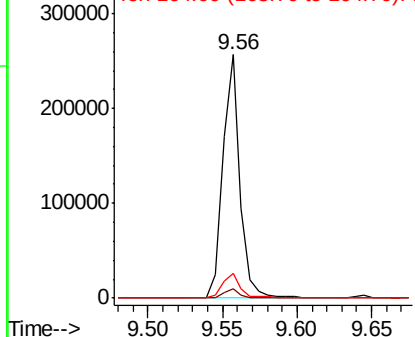


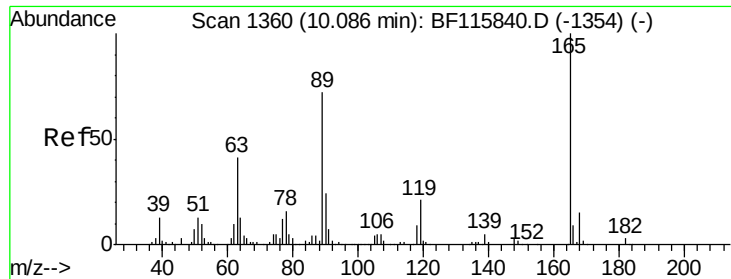
#50
Dimethylphthalate
Concen: 11.865 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116369.D
Acq: 17 Aug 2019 20:34

Tgt Ion:163 Resp: 206700
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.4 12.6



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

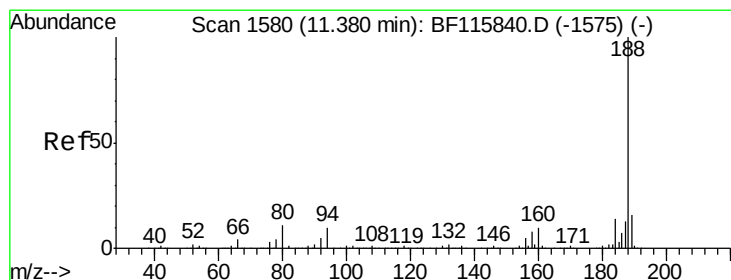
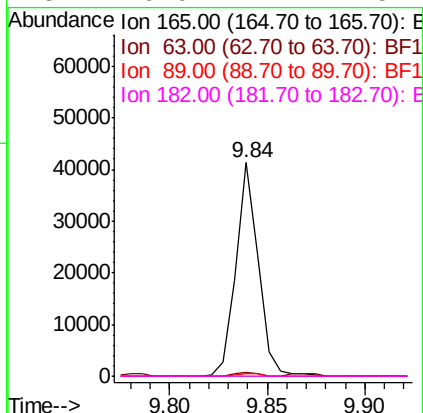
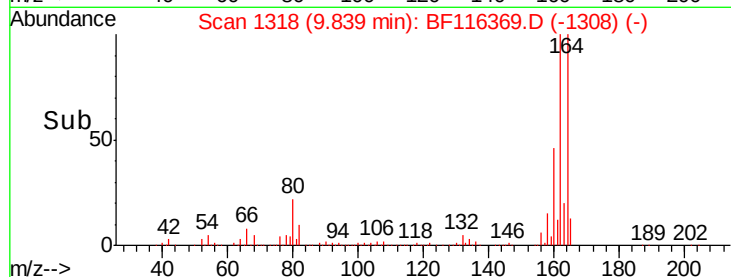
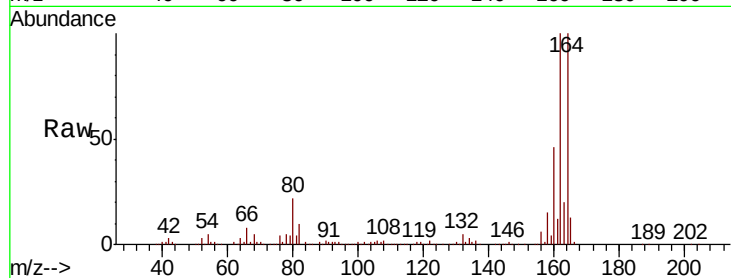




#57
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.24 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

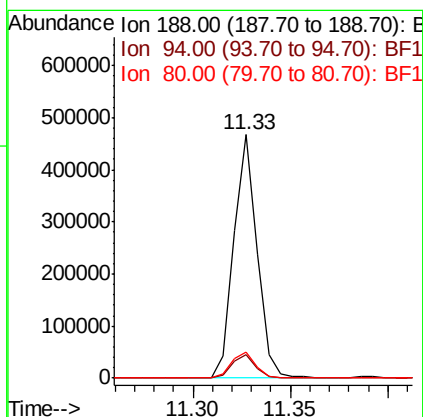
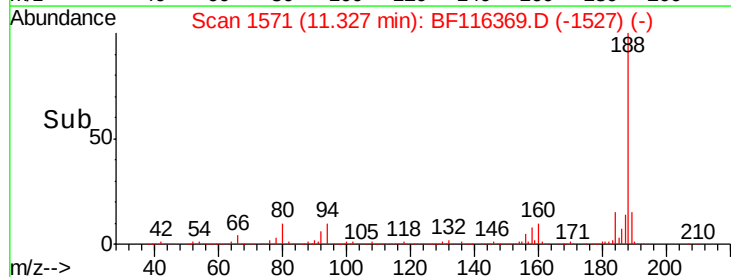
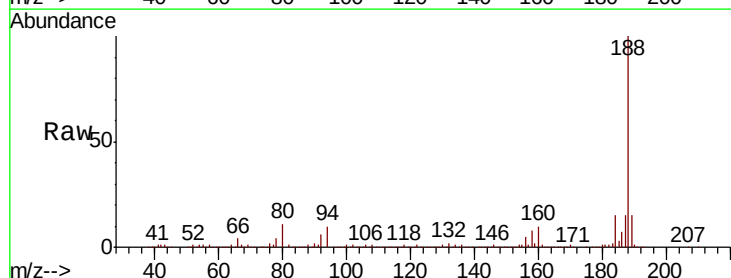
Instrument :
 BNA_F
 ClientSampleId :

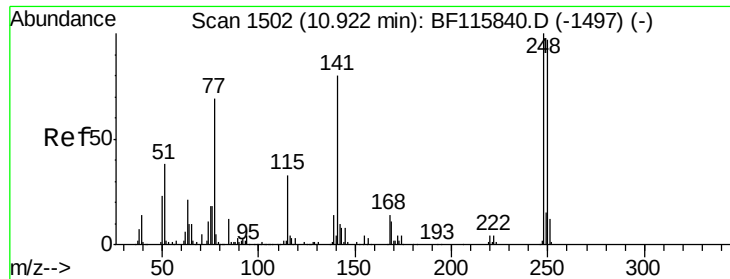
Tot Ion:165 Resp: 33091
 Ion Ratio Lower Upper
 165 100
 63 1.6 39.6 59.4#
 89 1.3 62.2 93.2#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.04 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Tgt Ion:188 Resp: 386502
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.5 8.7 13.1

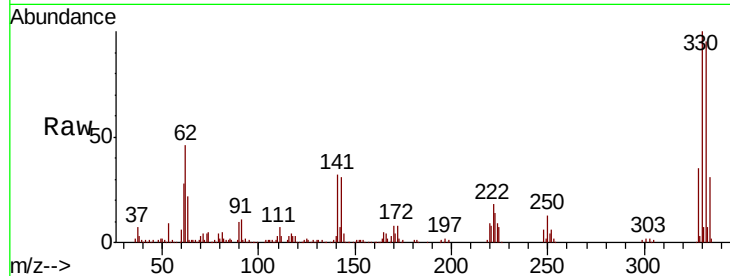




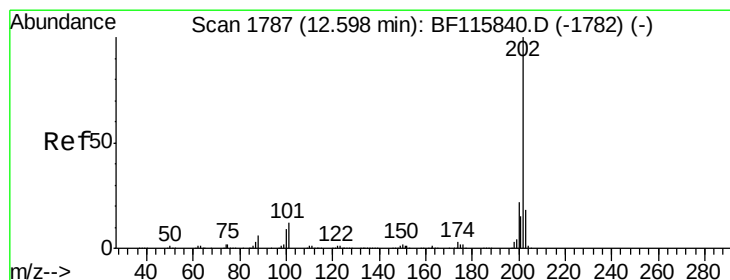
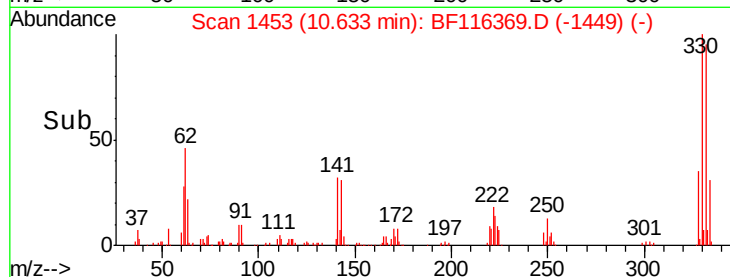
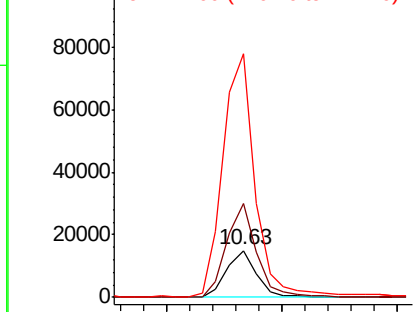
#67
 4-Bromophenyl-phenylether
 Concen: 3.253 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.28 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13459
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.4 116.2#
 141 519.9 56.8 85.2#

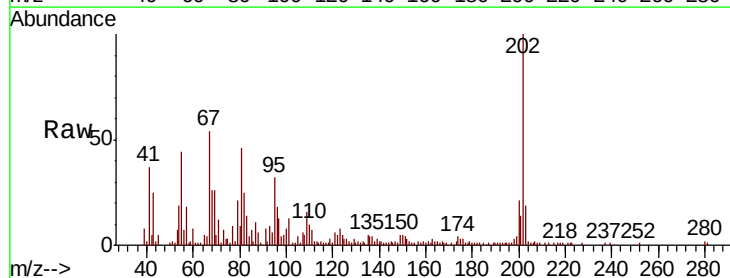


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

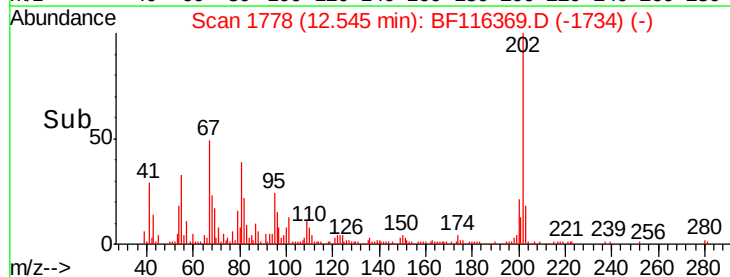
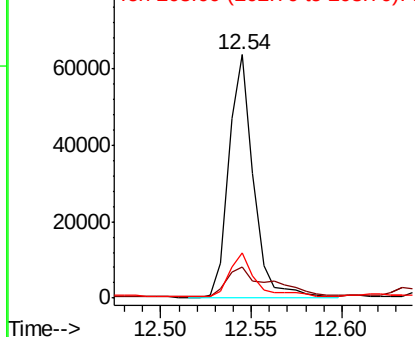


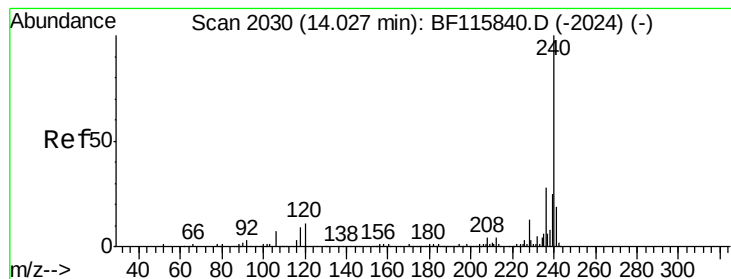
#75
 Fluoranthene
 Concen: 2.937 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.04 min
 Lab File: BF116369.D
 Acq: 17 Aug 2019 20:34

Tgt Ion:202 Resp: 60750
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.2
 203 18.8 0.0 37.8



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: 13.97 min Scan# 2020

Delta R.T. -0.04 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

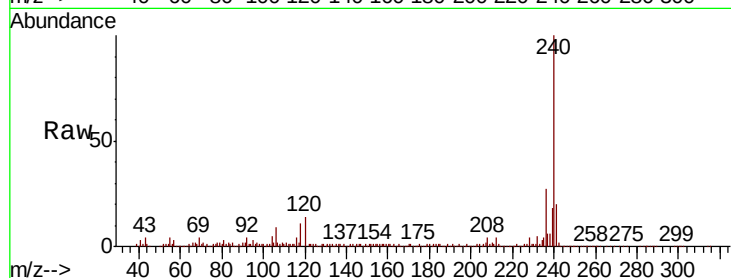
Tot Ion:240 Resp: 243525

Ion Ratio Lower Upper

240 100

120 13.6 10.7 16.1

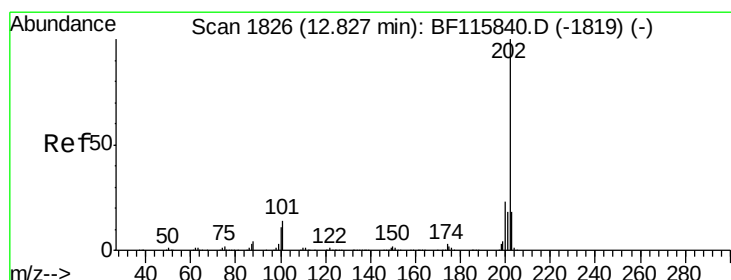
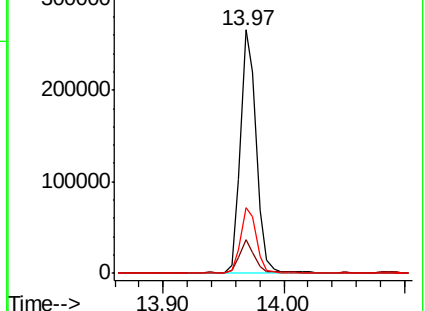
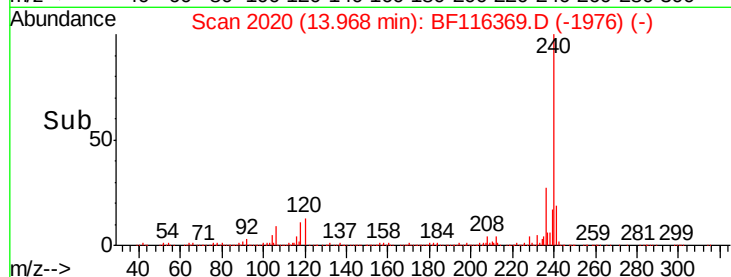
236 26.9 22.2 33.2



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



#78

Pyrene

Concen: 2.719 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

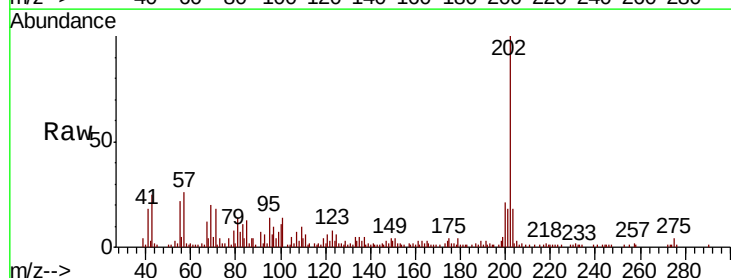
Tgt Ion:202 Resp: 49922

Ion Ratio Lower Upper

202 100

200 21.3 18.0 27.0

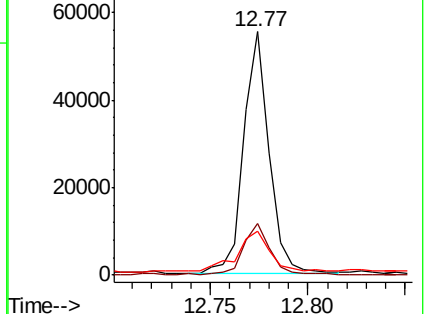
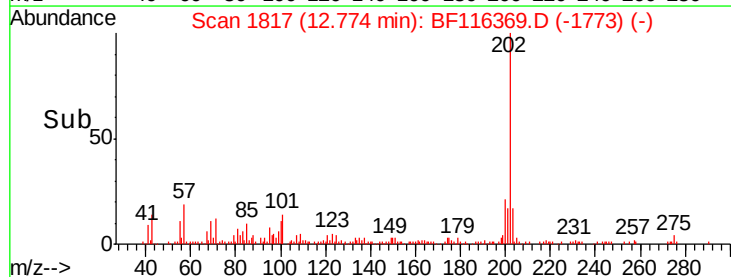
203 18.0 14.1 21.1

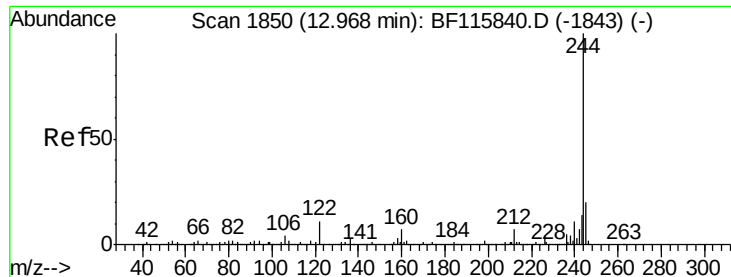


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.243 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.05 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

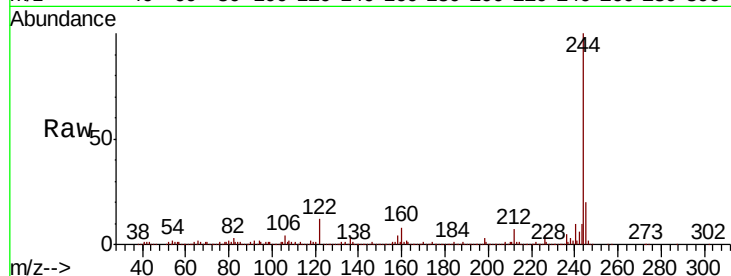
Tot Ion:244 Resp: 754017

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

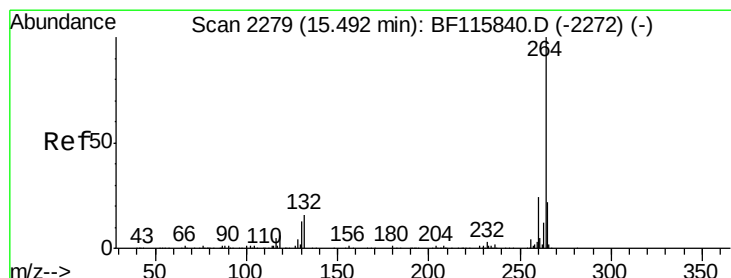
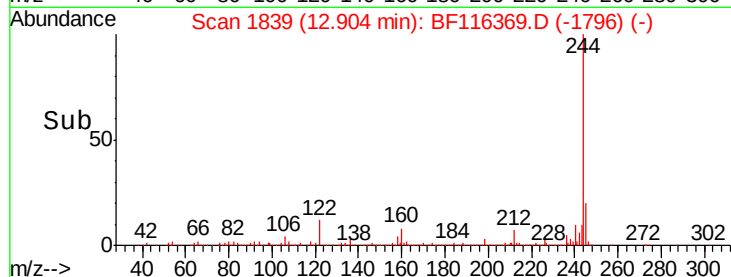
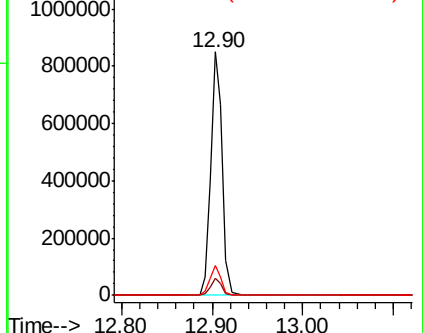
122 12.4 9.0 13.4



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: 15.43 min Scan# 2268

Delta R.T. -0.05 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

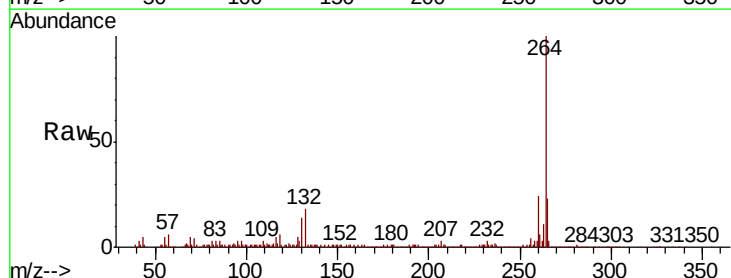
Tgt Ion:264 Resp: 276550

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

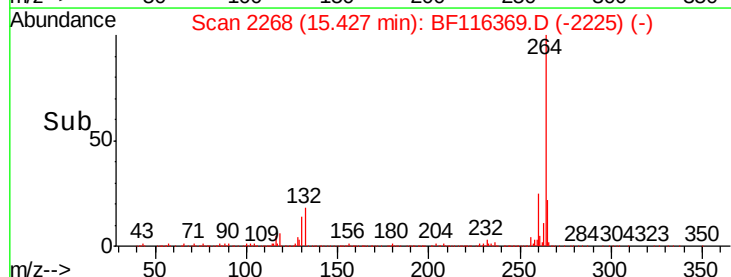
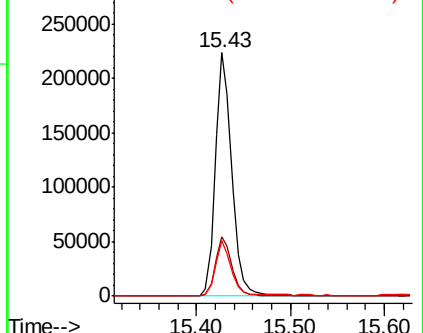
265 22.5 17.4 26.0

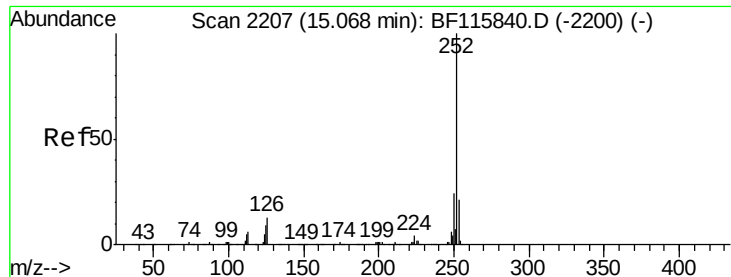


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.729 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

Instrument :

BNA_F

ClientSampleId :

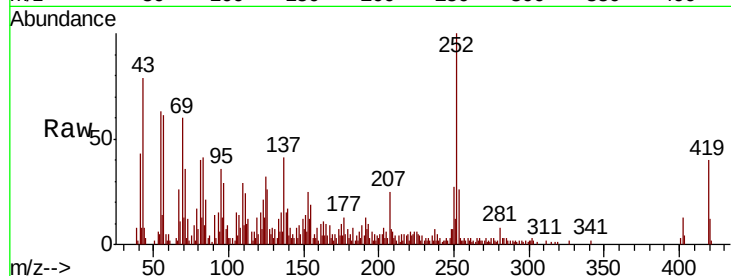
Tot Ion:252 Resp: 43644

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.8

125 32.0 8.4 12.6#

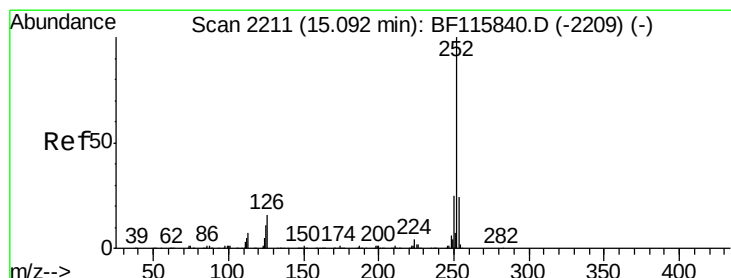
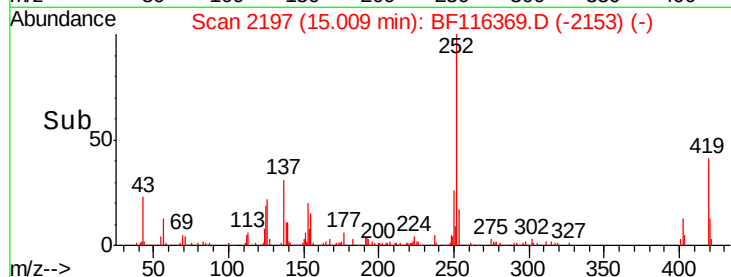
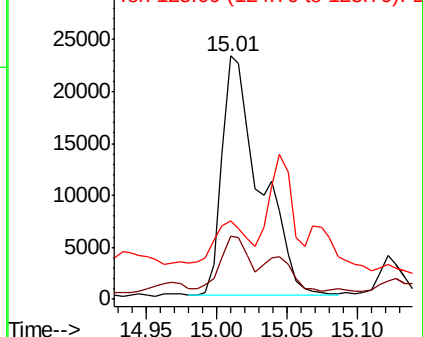


Abundance

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: 2.802 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.07 min

Lab File: BF116369.D

Acq: 17 Aug 2019 20:34

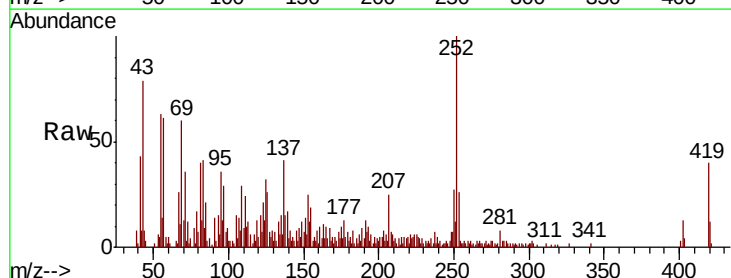
Tgt Ion:252 Resp: 43644

Ion Ratio Lower Upper

252 100

253 25.9 17.8 26.8

125 32.0 7.7 11.5#



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

