

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110389.D
 Acq On : 2 Nov 2018 4:08
 Operator : JU/SJ
 Sample : J5747-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:35:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	59860	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	206489	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	79655	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	161082	20.00	ng	0.00
76) Chrysene-d12	14.13	240	185157	20.00	ng	0.00
87) Perylene-d12	15.66	264	142121	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	335777	91.35	ng	0.00
7) Phenol-d6	6.57	99	392699	83.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	233487	67.07	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	75946	96.25	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	379071	74.73	ng	0.00
79) Terphenyl-d14	13.07	244	452939	50.87	ng	0.00

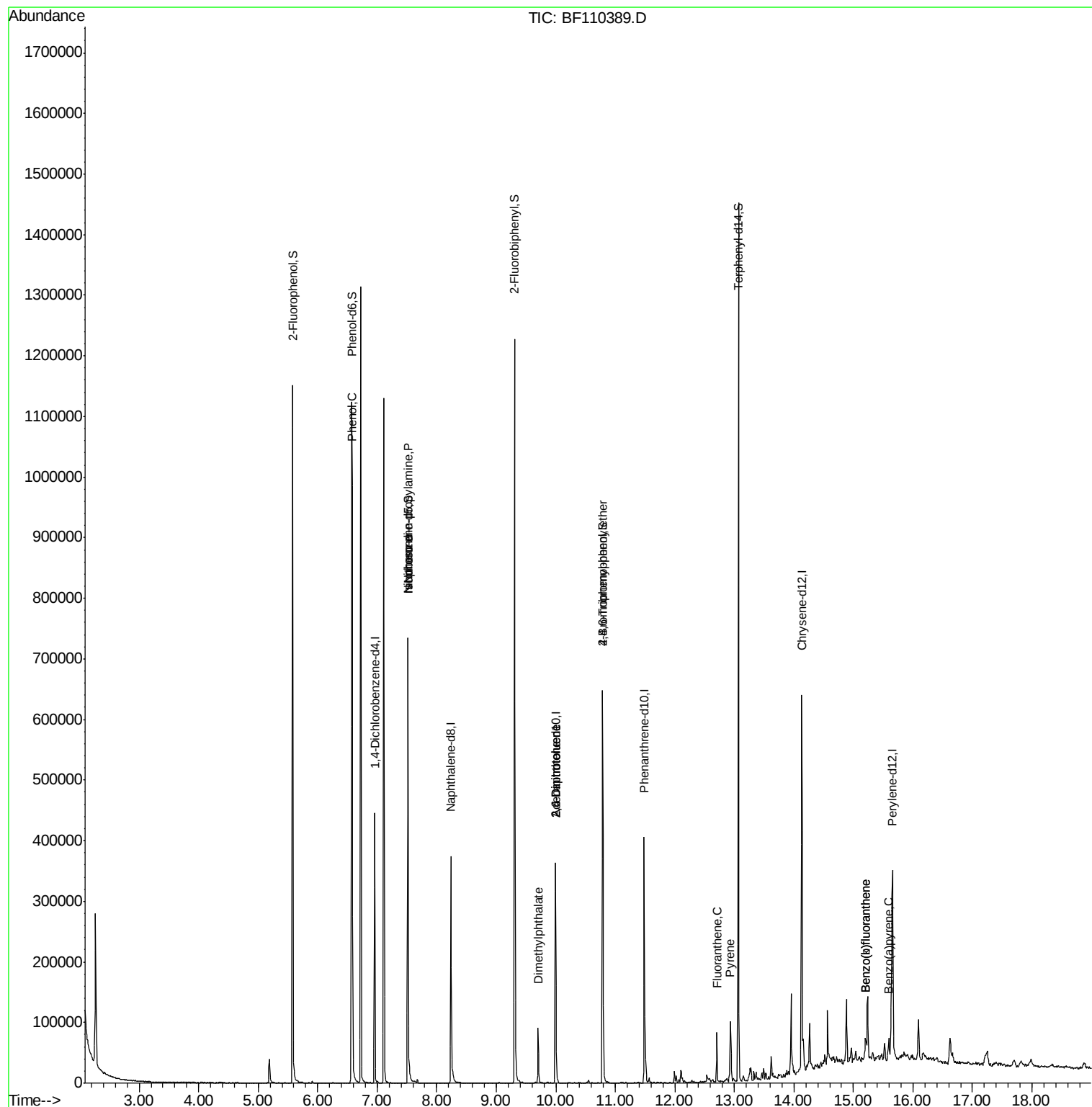
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	829	Below Cal		# 1
10) Phenol	6.59	94	26435	5.260	ng	# 73
19) n-Nitroso-di-n-propylamine	7.52	70	30608	10.147	ng	# 81
25) Isophorone	7.52	82	233484	39.345	ng	# 67
50) Dimethylphthalate	9.70	163	42479	7.224	ng	# 98
51) 2,6-Dinitrotoluene	10.00	165	10026	7.916	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	10026	6.232	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4990	2.856	ng	# 1
75) Fluoranthene	12.70	202	32417	3.790	ng	# 99
78) Pyrene	12.93	202	42606	3.210	ng	# 97
88) Benzo(b)fluoranthene	15.20	252	26931	3.281	ng	# 88
89) Benzo(k)fluoranthene	15.20	252	26931	3.338	ng	# 87
90) Benzo(a)pyrene	15.59	252	17895	2.370	ng	# 98

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

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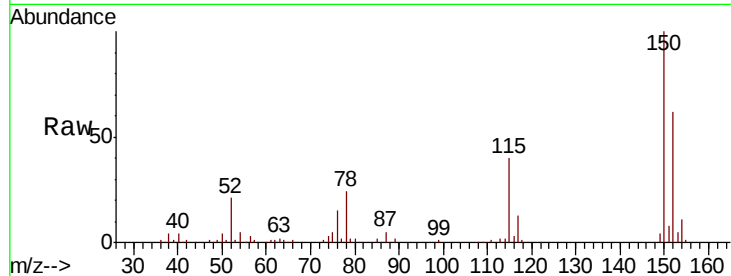




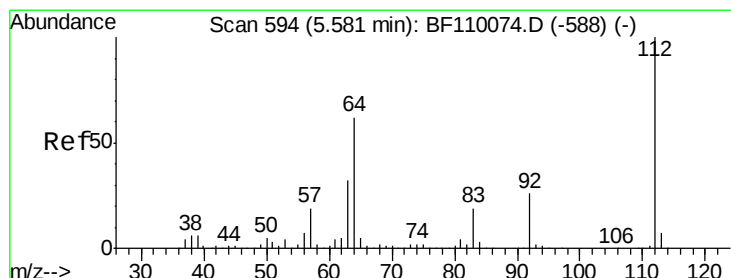
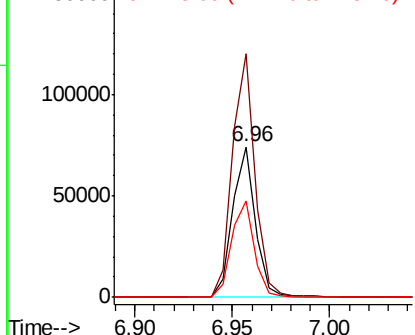
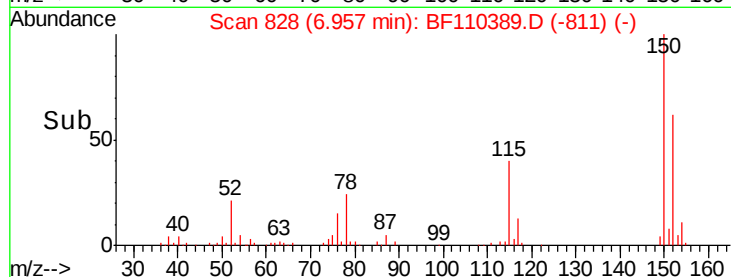
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110389.D
 Acq: 2 Nov 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 59860
 Ion Ratio Lower Upper
 152 100
 150 161.6 122.7 184.1
 115 63.9 49.1 73.7

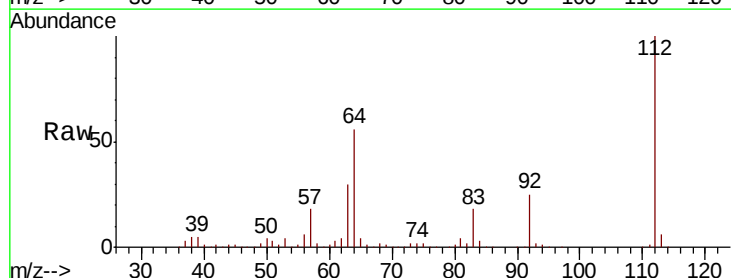


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

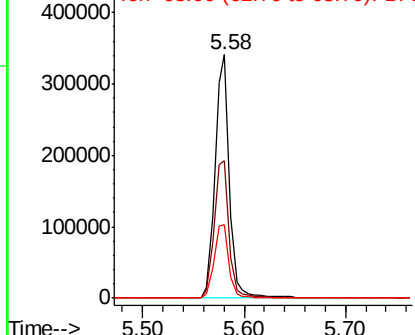
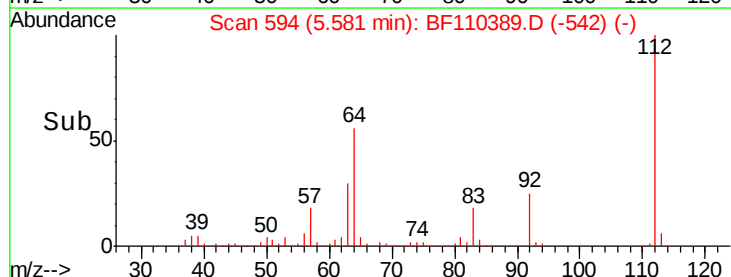


#5
 2-Fluorophenol
 Concen: 91.346 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110389.D
 Acq: 2 Nov 2018 4:08

Tgt Ion:112 Resp: 335777
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.1 66.1
 63 30.4 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: 83.522 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

ClientSampled :

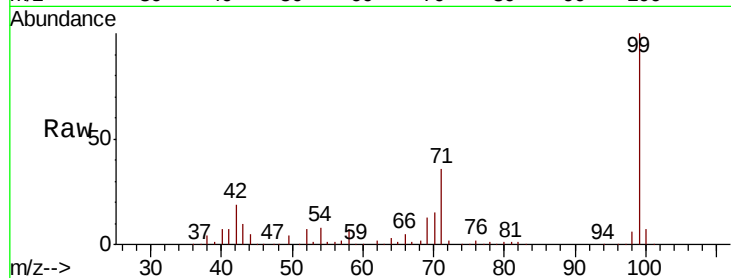
Tot Ion: 99 Resp: 392699

Ion Ratio Lower Upper

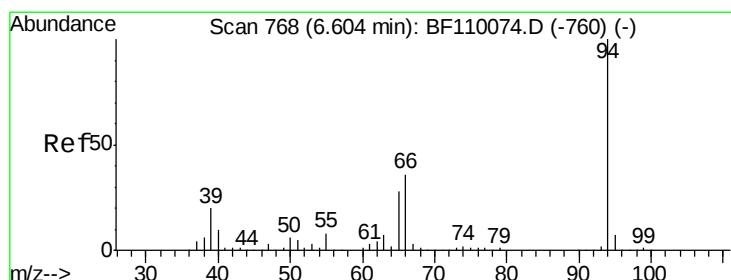
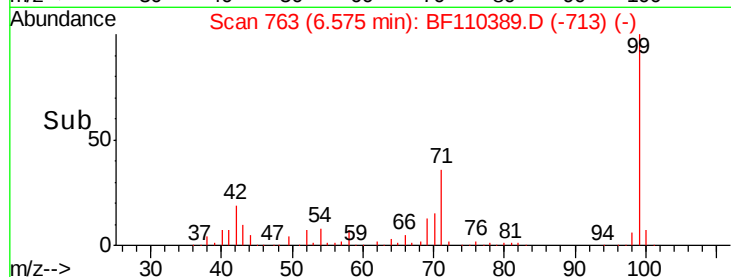
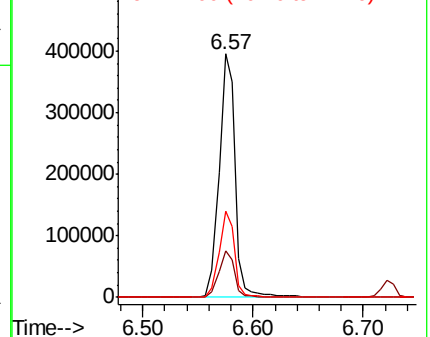
99 100

42 19.2 15.8 23.6

71 35.6 28.0 42.0



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: 5.260 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

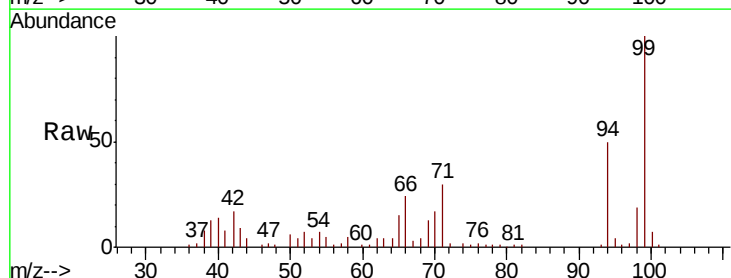
Tgt Ion: 94 Resp: 26435

Ion Ratio Lower Upper

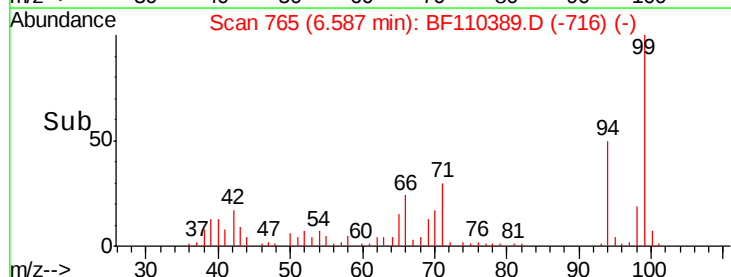
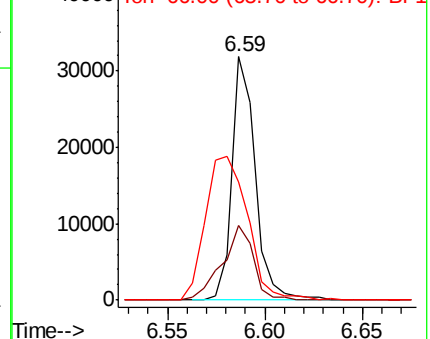
94 100

65 30.6 25.3 65.3

66 48.7 54.5 94.5#



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

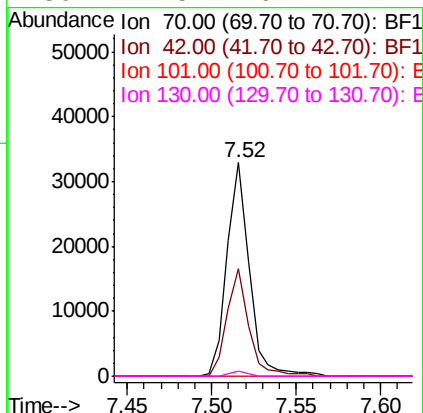
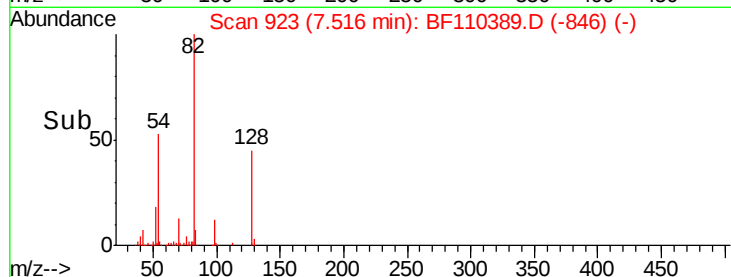
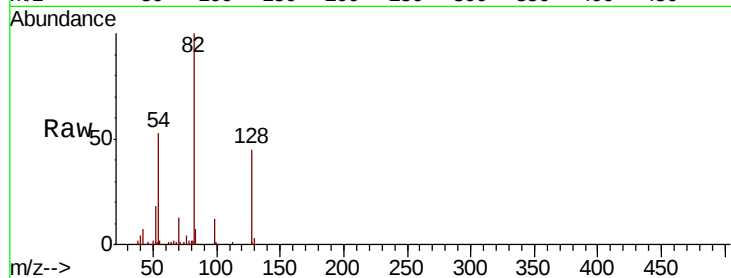




#19
n-Nitroso-di-n-propylamine
Concen: 10.147 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

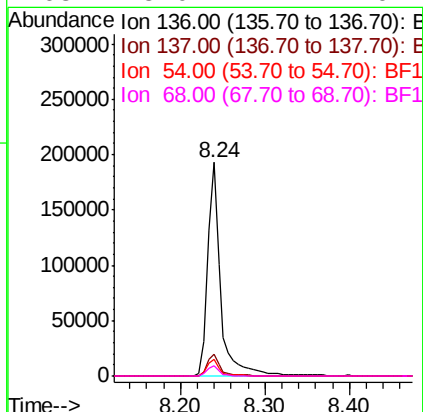
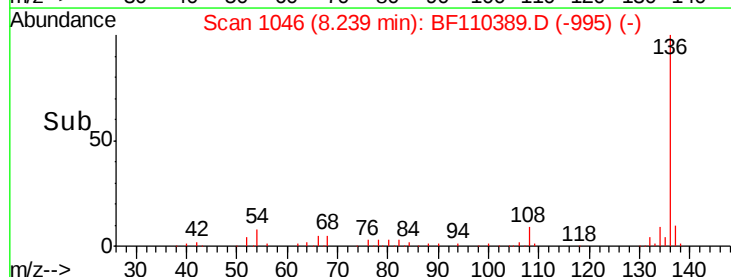
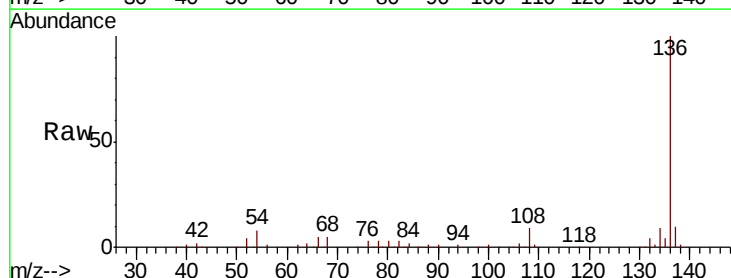
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 30608
Ion Ratio Lower Upper
70 100
42 50.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion: 136 Resp: 206489
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.9 5.4 8.2
68 5.0 4.2 6.2

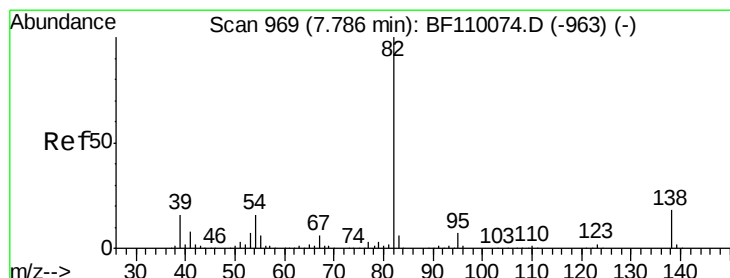
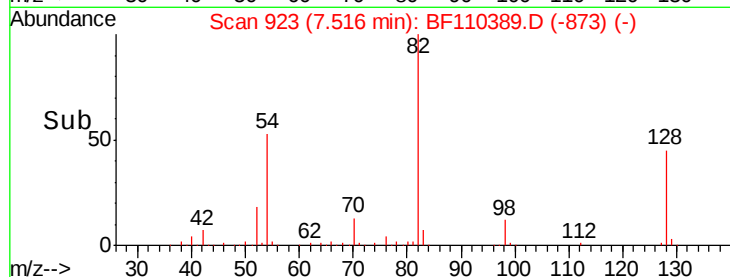
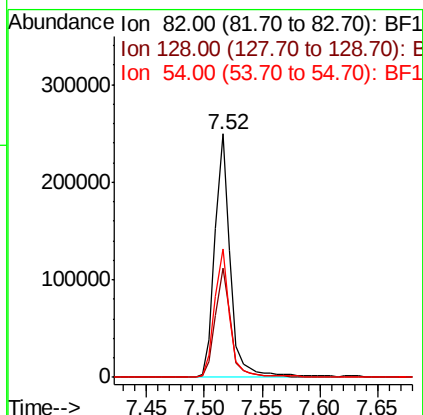
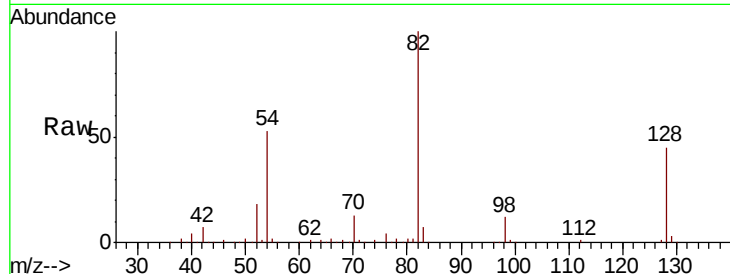




#23
Nitrobenzene-d5
Concen: 67.068 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

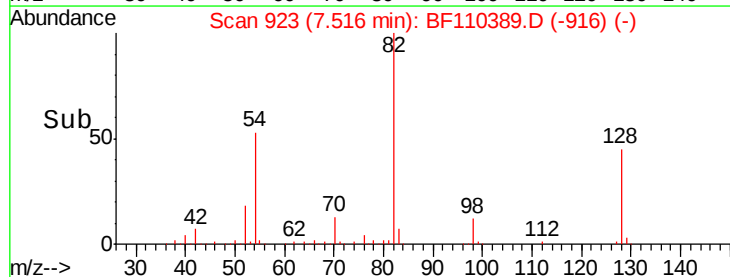
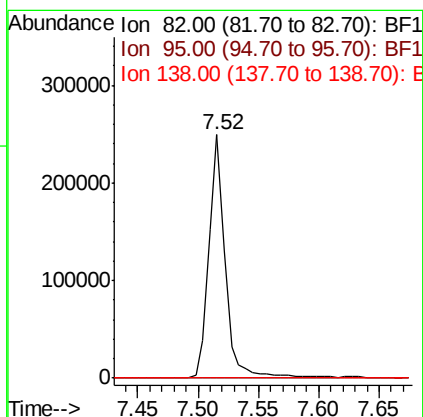
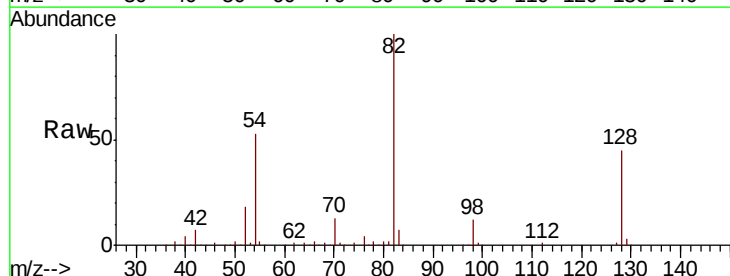
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 233487
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.2
54 52.7 38.6 58.0



#25
Isophorone
Concen: 39.345 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion: 82 Resp: 233484
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

ClientSampleId :

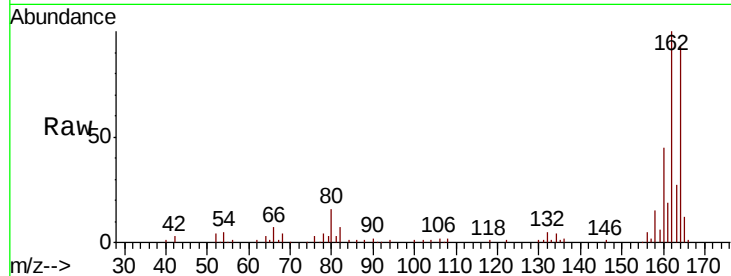
Tot Ion:164 Resp: 79655

Ion Ratio Lower Upper

164 100

162 107.7 83.0 124.6

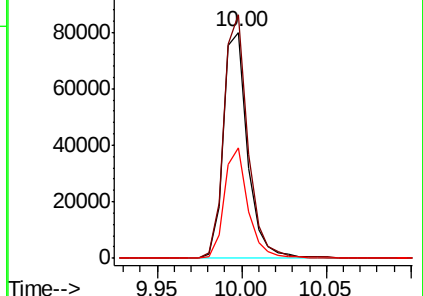
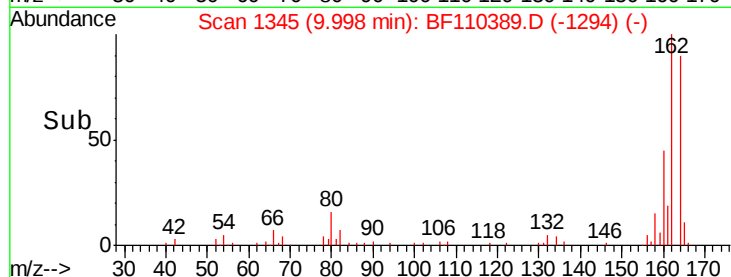
160 48.7 37.0 55.6



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: 96.252 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

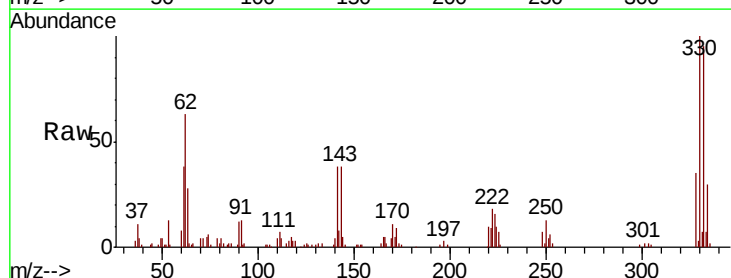
Tgt Ion:330 Resp: 75946

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

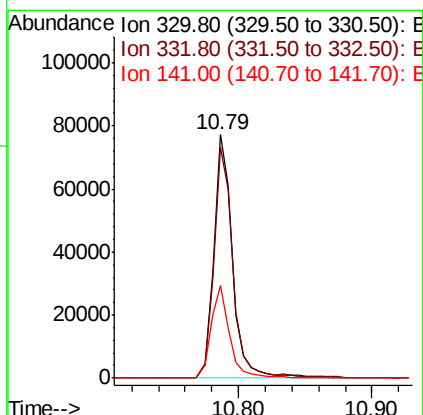
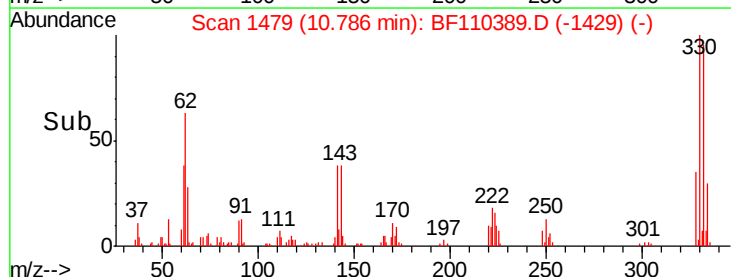
141 37.4 27.0 40.4



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

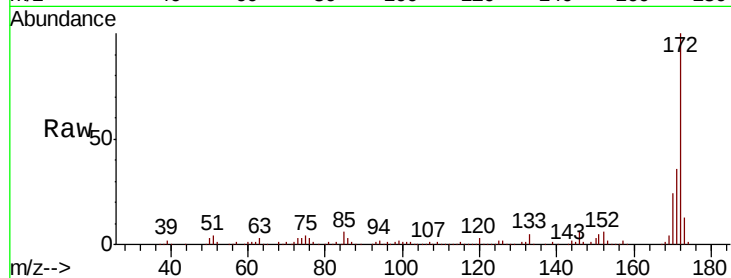




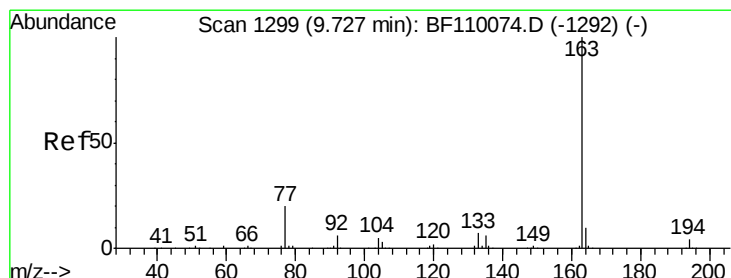
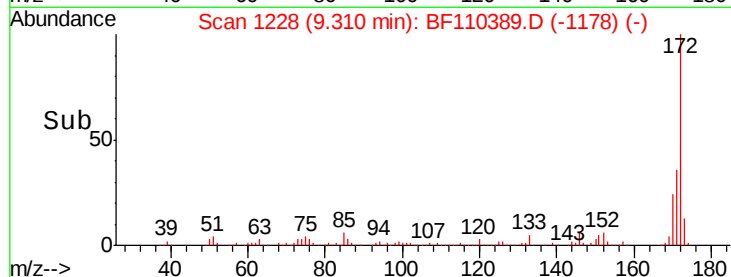
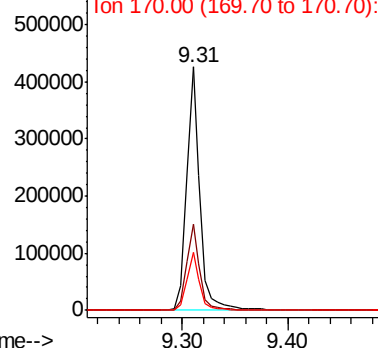
#45
2-Fluorobiphenyl
Concen: 74.727 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 379071
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.7 29.5

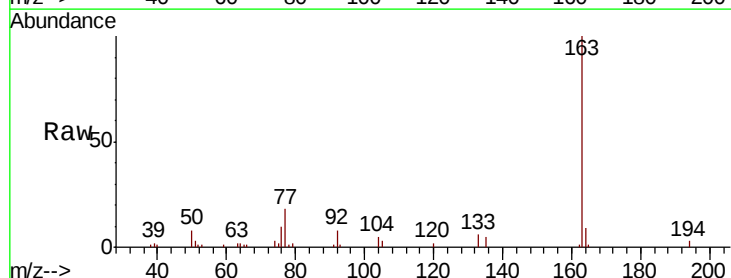


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

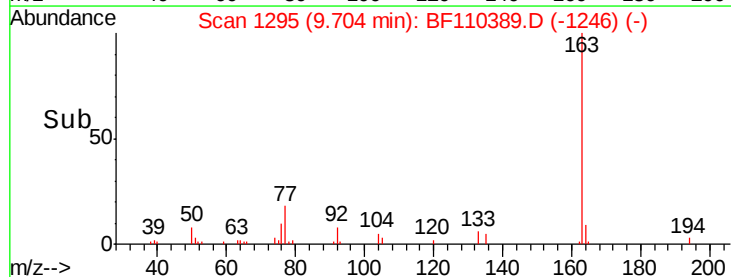
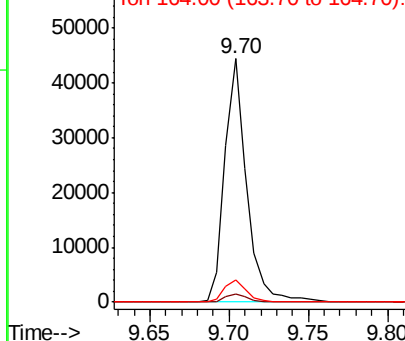


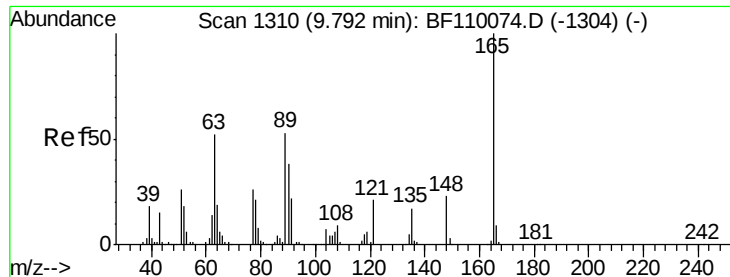
#50
Dimethylphthalate
Concen: 7.224 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion:163 Resp: 42479
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.2 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 7.916 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

ClientSampleId :

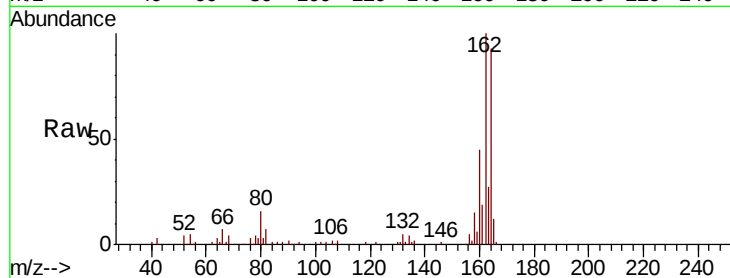
Tot Ion:165 Resp: 10026

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

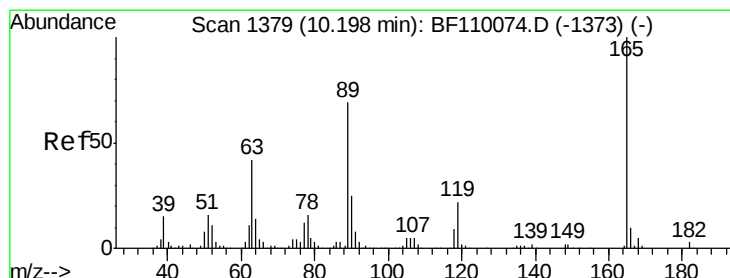
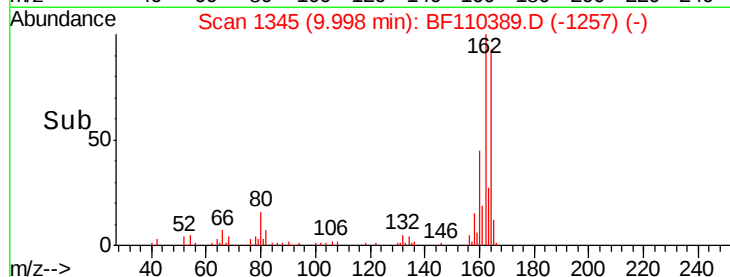
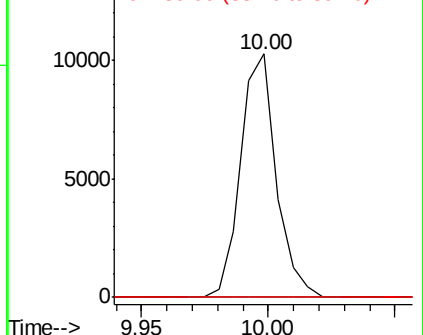
89 0.0 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.232 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Tgt Ion:165 Resp: 10026

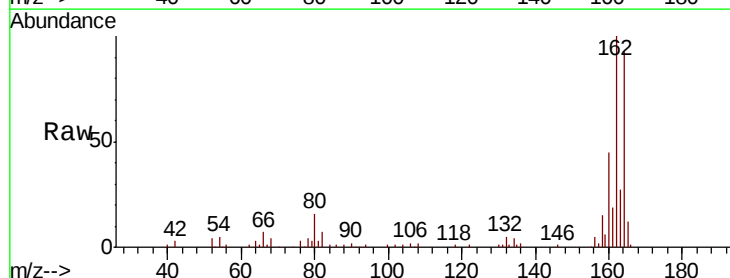
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

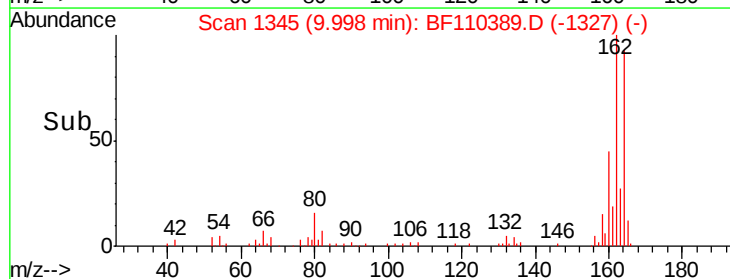
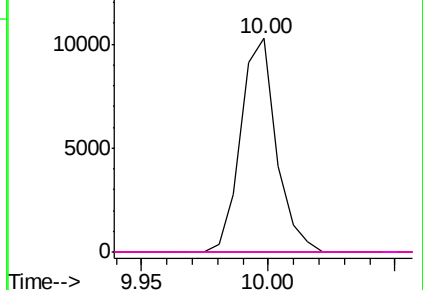


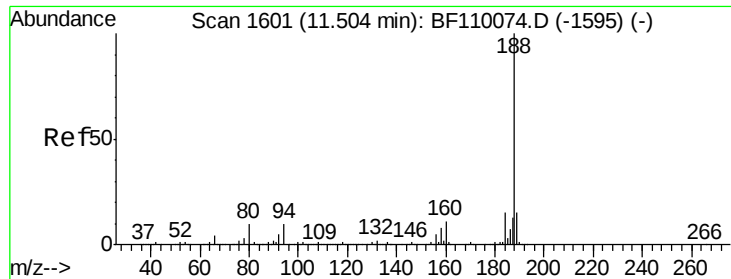
Abundance Ion 165.00 (164.70 to 165.70): E

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

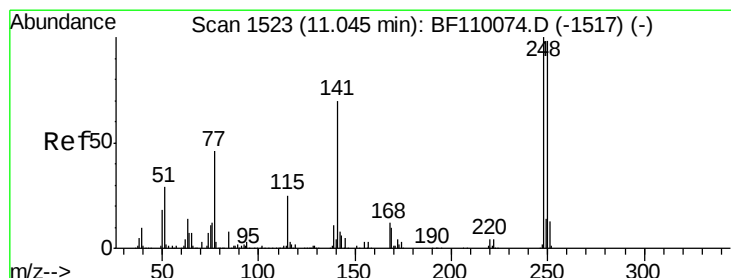
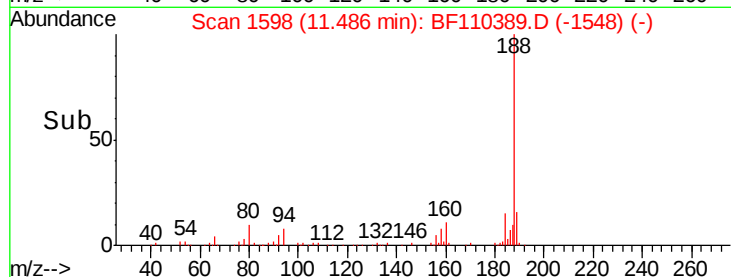
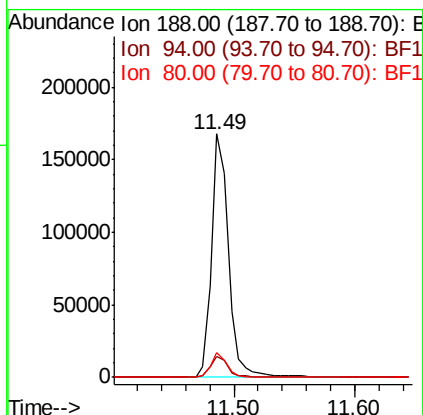
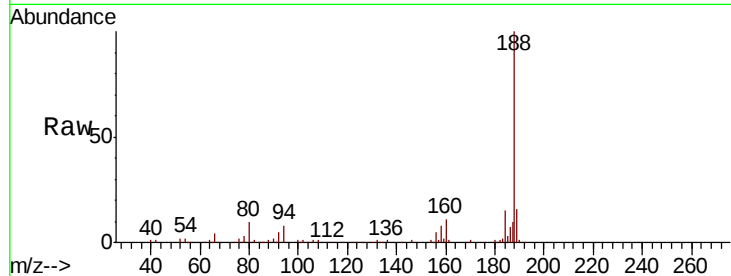




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

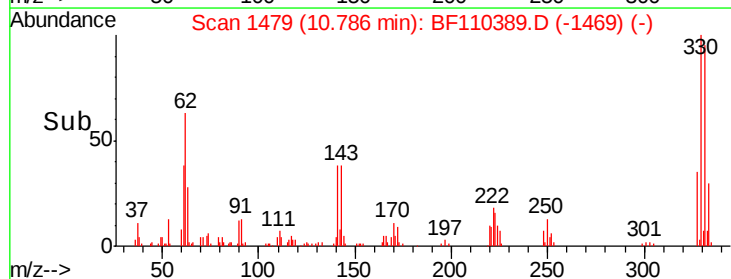
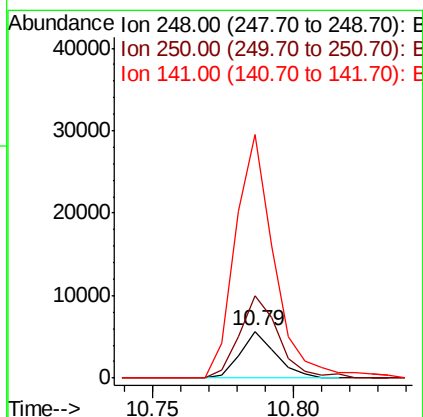
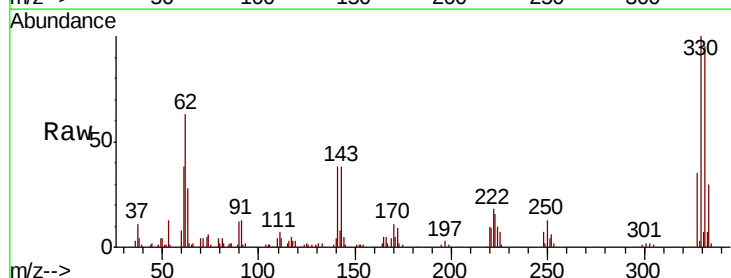
Instrument :
BNA_F
ClientSampleId :

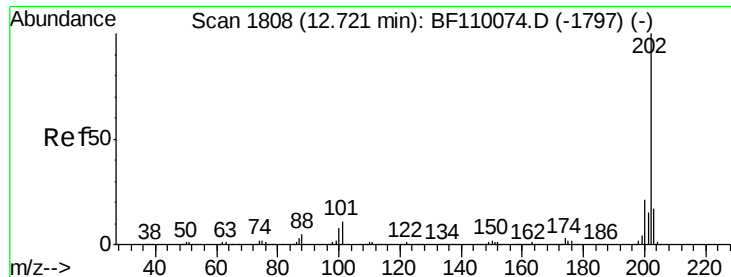
Tot Ion:188 Resp: 161082
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion:248 Resp: 4990
Ion Ratio Lower Upper
248 100
250 175.2 79.4 119.2#
141 517.9 55.9 83.9#





#75

Fluoranthene

Concen: 3.790 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

Instrument :

BNA_F

ClientSampleId :

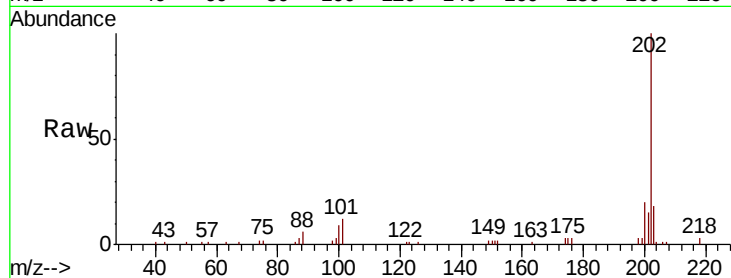
Tot Ion:202 Resp: 32417

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

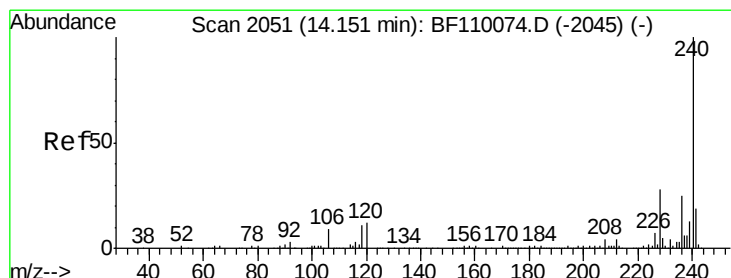
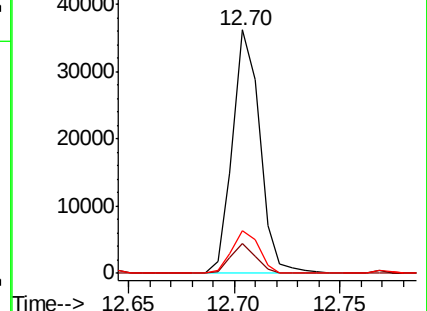
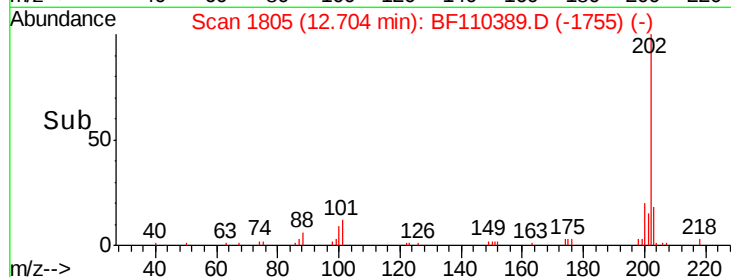
203 17.8 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110389.D

Acq: 2 Nov 2018 4:08

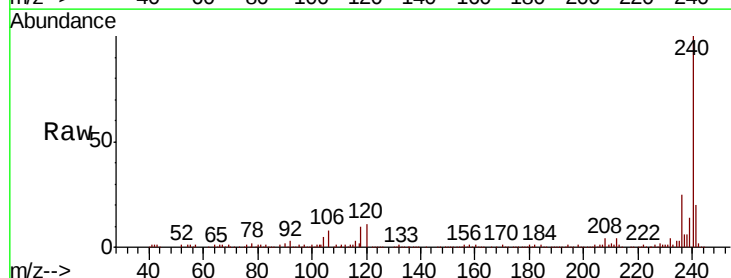
Tgt Ion:240 Resp: 185157

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

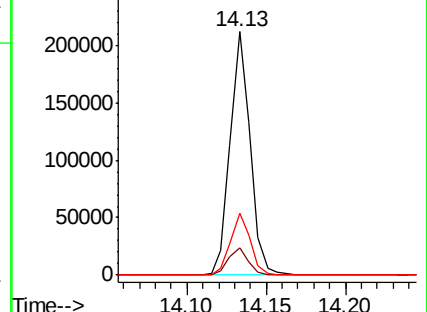
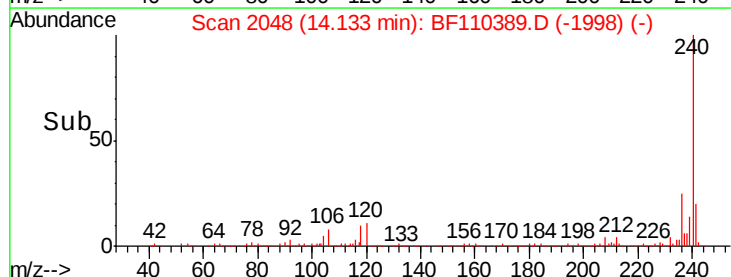
236 25.2 21.2 31.8

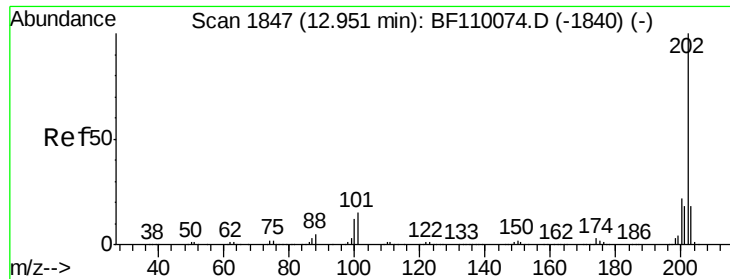


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

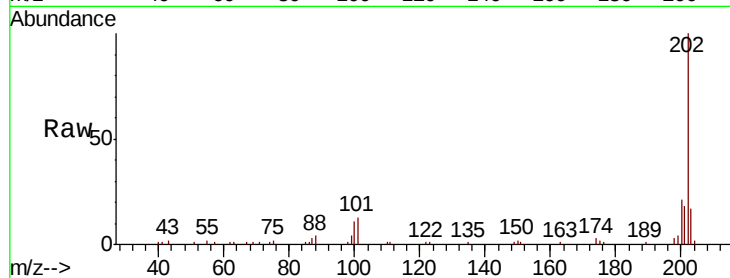




#78
Pvrene
Concen: 3.210 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	16.9	14.2	21.4

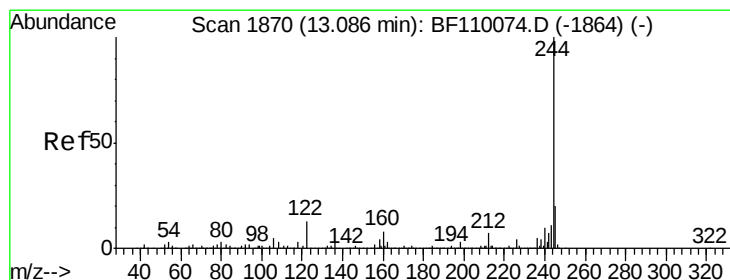
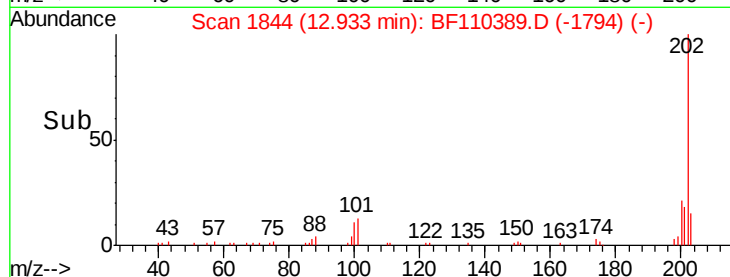
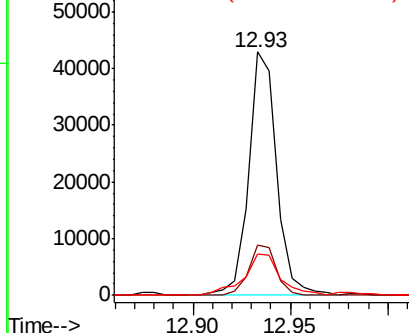


Abundance

Ion 202.00 (201.70 to 202.70): E

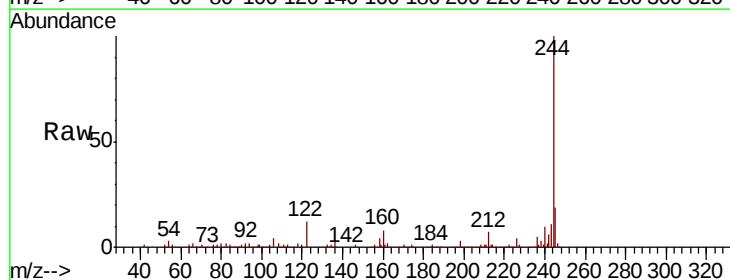
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 50.875 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.9	8.7	13.1

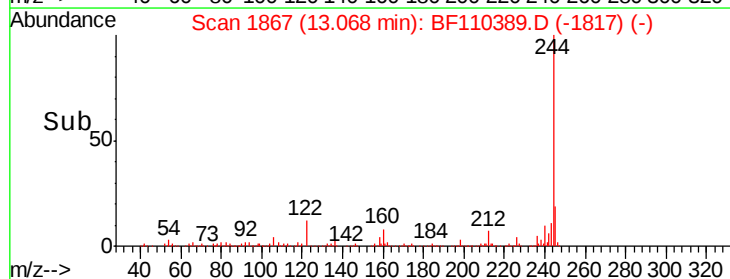
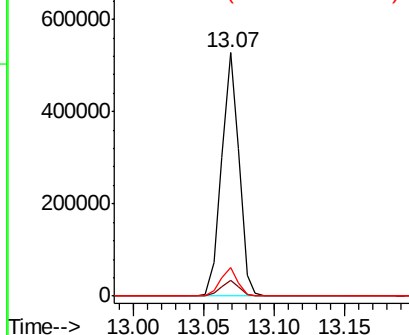


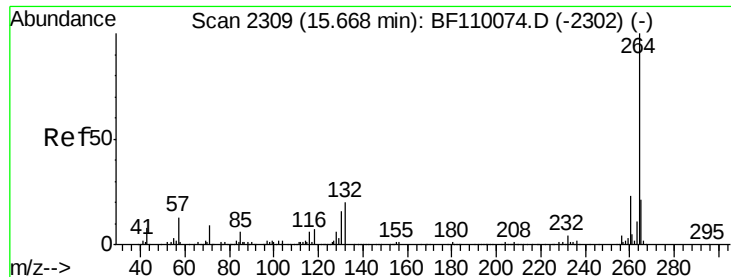
Abundance

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

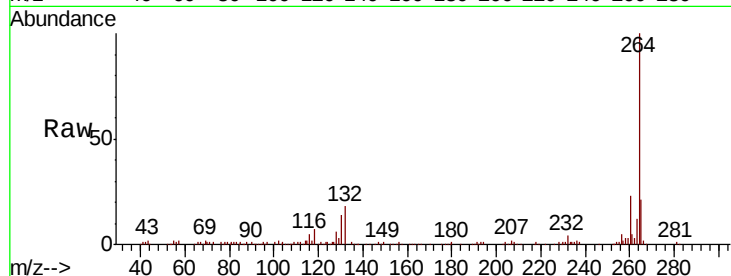




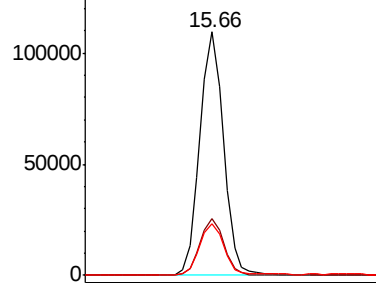
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampled :

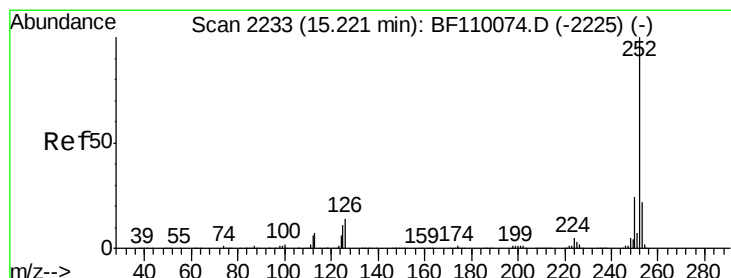
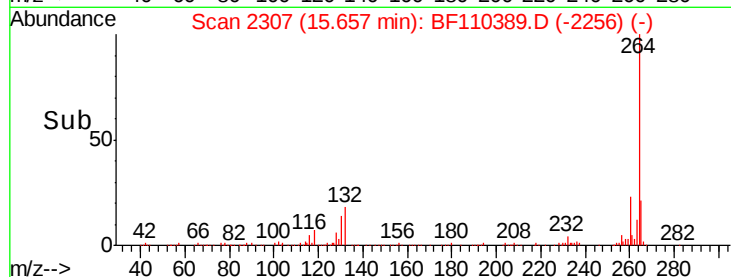
Tot Ion:264 Resp: 142121
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.0 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

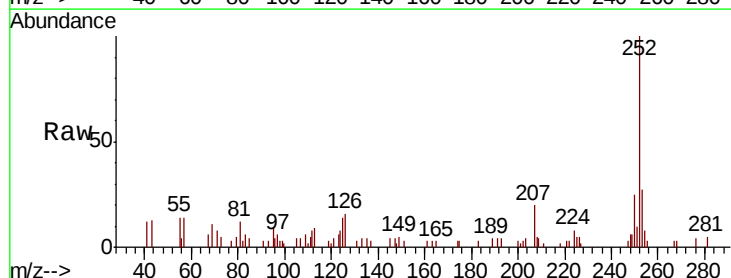


Time-->

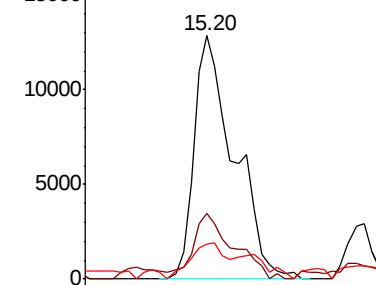


#88
Benzo(b)fluoranthene
Concen: 3.281 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

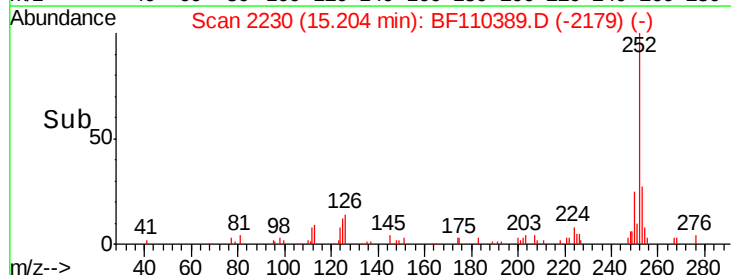
Tgt Ion:252 Resp: 26931
Ion Ratio Lower Upper
252 100
253 27.1 17.2 25.8#
125 14.5 8.2 12.4#

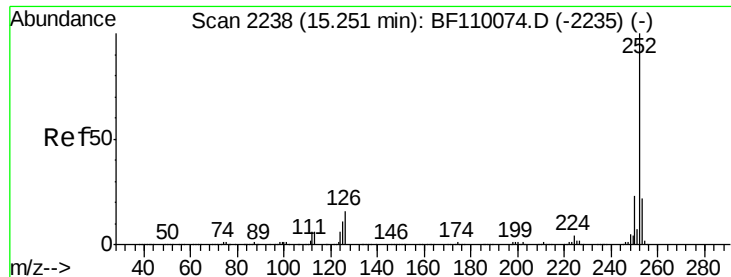


Abundance Ion 252.00 (251.70 to 252.70): E
15000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

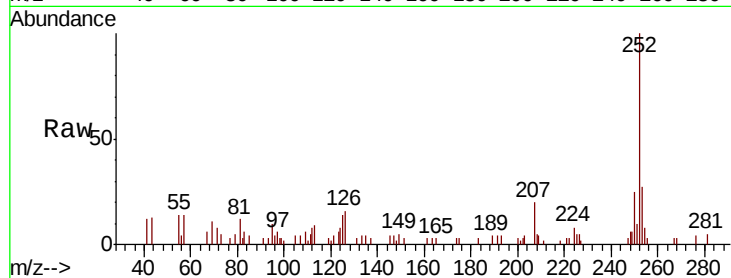




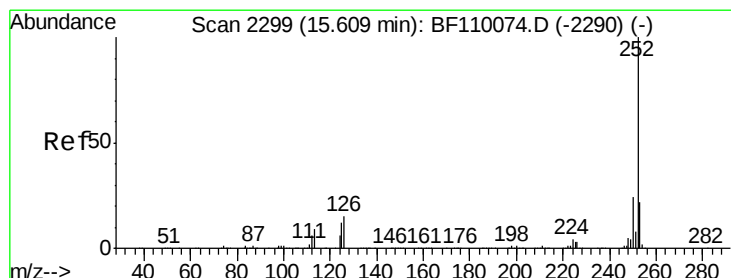
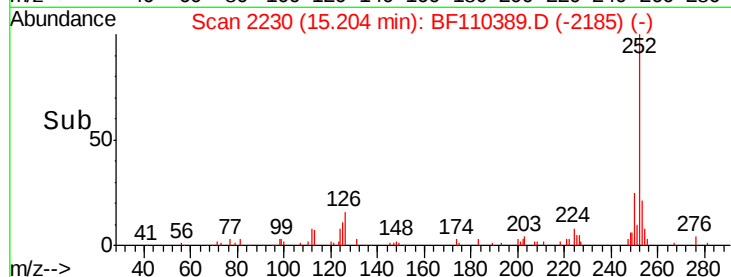
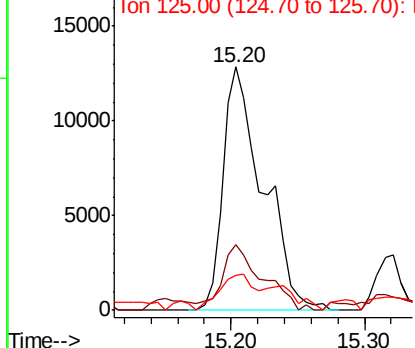
#89
Benzo(k)fluoranthene
Concen: 3.338 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 26931
Ion Ratio Lower Upper
252 100
253 27.1 17.2 25.8#
125 14.5 7.4 11.0#

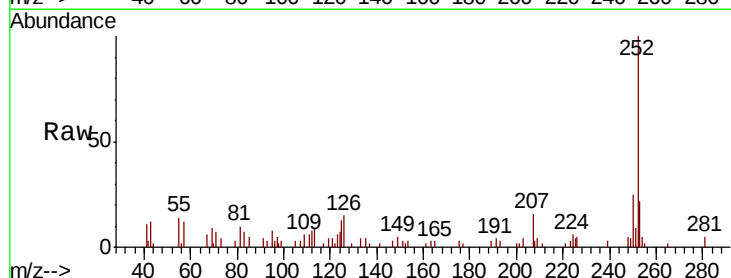


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.370 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110389.D
Acq: 2 Nov 2018 4:08

Tgt Ion:252 Resp: 17895
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 13.1 9.0 13.6



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

