

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112481.D
 Acq On : 11 Feb 2019 15:28
 Operator : JU/SJ
 Sample : K1356-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 11 16:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

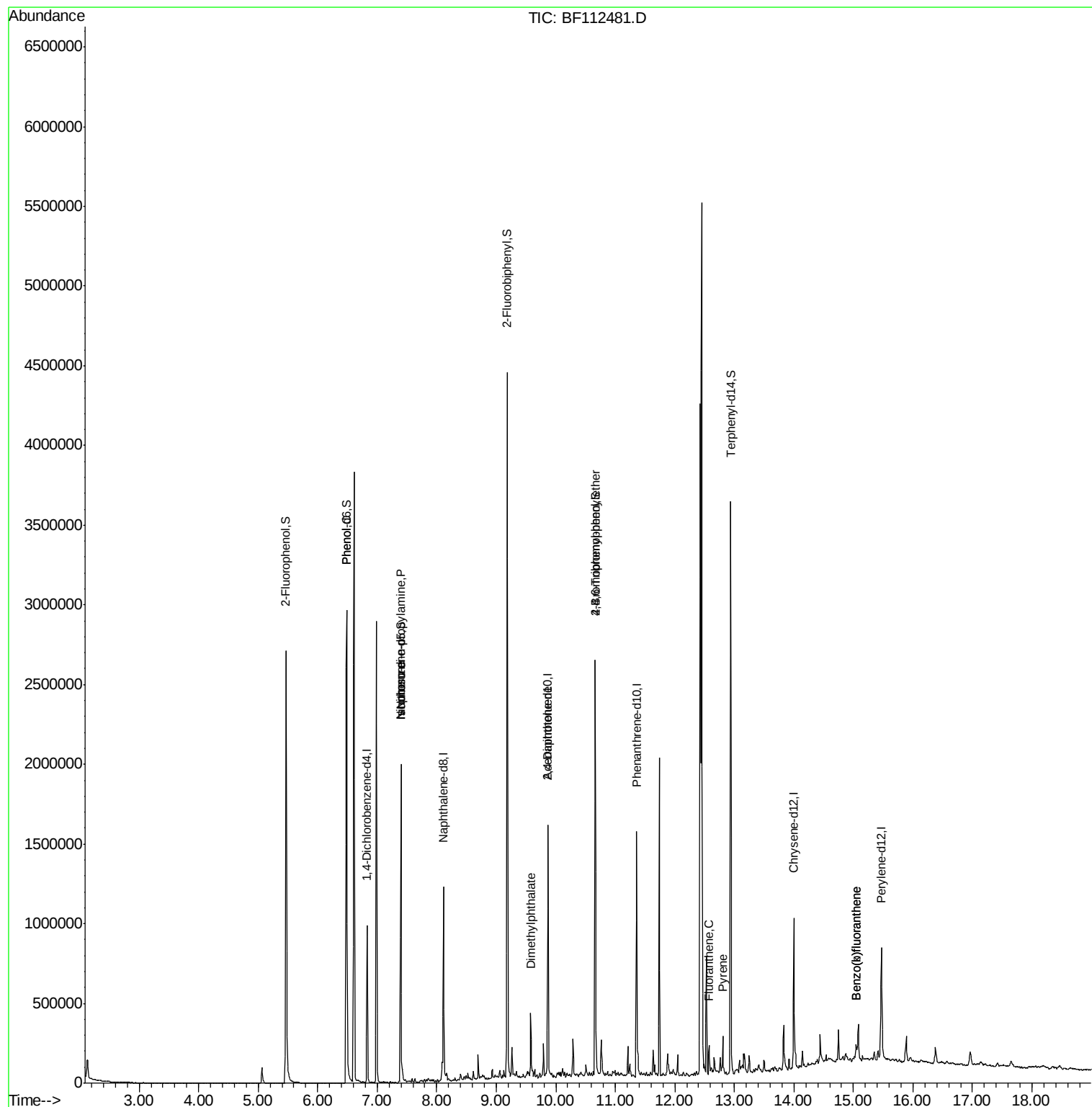
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	161917	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	632232	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	303253	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	529228	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	334435	20.00	ng	0.00
87) Perylene-d12	15.47	264	334061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	892613	117.10	ng	0.00
7) Phenol-d6	6.49	99	1109382	104.73	ng	0.00
23) Nitrobenzene-d5	7.40	82	711588	64.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	322593	91.39	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1429740	66.68	ng	-0.02
79) Terphenyl-d14	12.94	244	1158617	65.25	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	82839	7.128	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	97993	13.416	ng	# 74
25) Isophorone	7.40	82	711579	41.338	ng	# 64
50) Dimethylphthalate	9.58	163	138939	5.897	ng	98
57) 2,4-Dinitrotoluene	9.87	165	39784	5.922	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	19170	3.080	ng	# 1
75) Fluoranthene	12.57	202	64685	2.192	ng	99
78) Pyrene	12.80	202	62936	2.718	ng	99
88) Benzo(b)fluoranthene	15.04	252	53004	2.653	ng	# 92
89) Benzo(k)fluoranthene	15.04	252	53004	2.770	ng	# 92

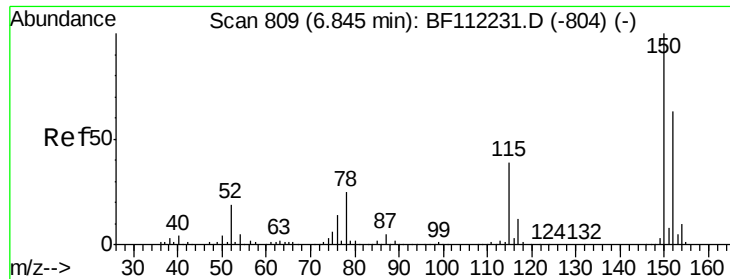
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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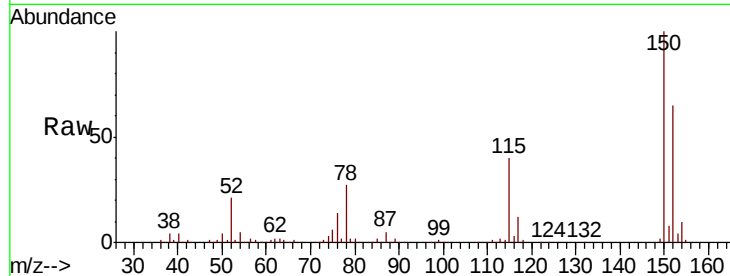


#1

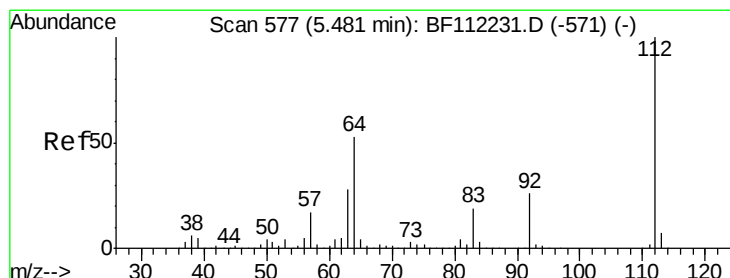
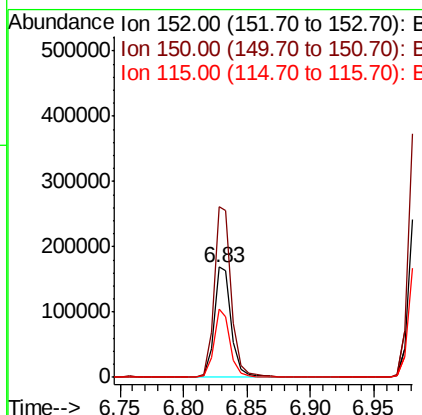
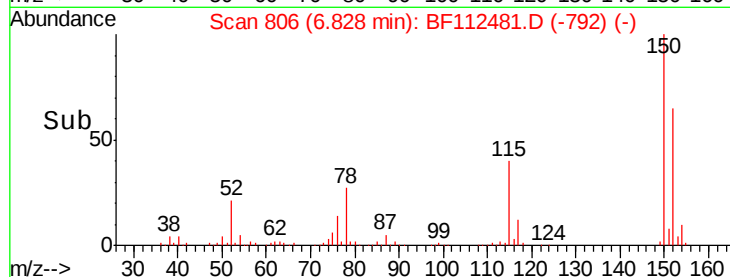
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 161917
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 61.5 45.5 68.3



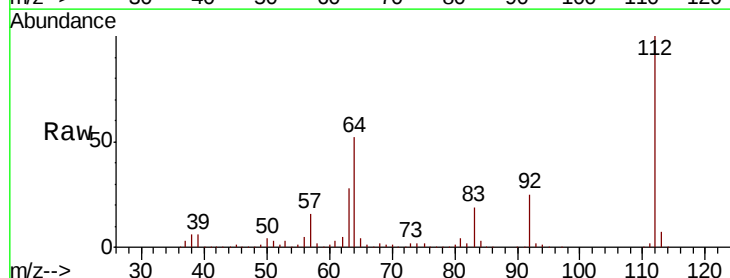
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



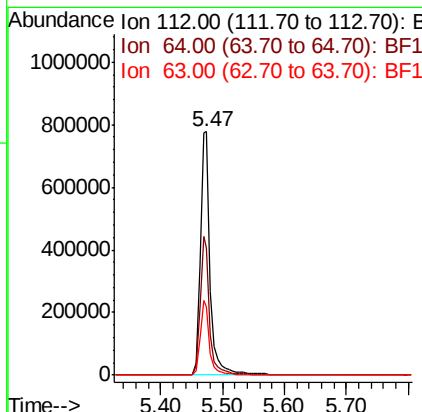
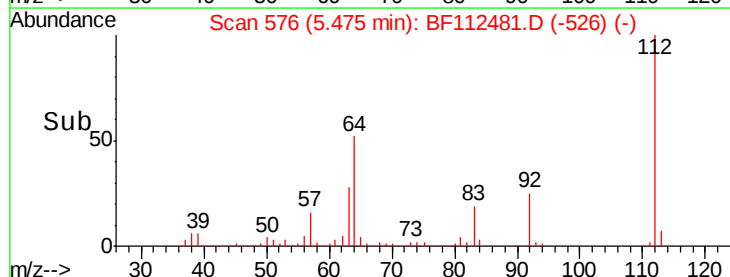
#5

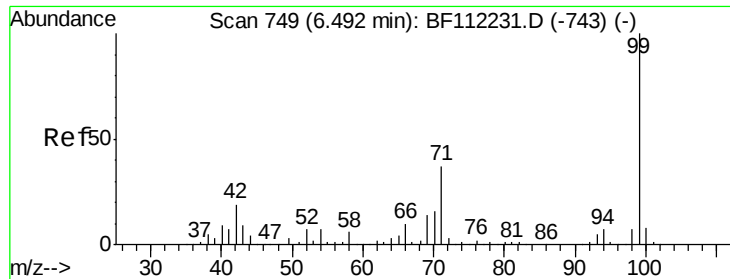
2-Fluorophenol
Concen: 117.095 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion:112 Resp: 892613
Ion Ratio Lower Upper
112 100
64 52.0 45.7 68.5
63 28.2 23.6 35.4



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: 104.733 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

ClientSampleId :

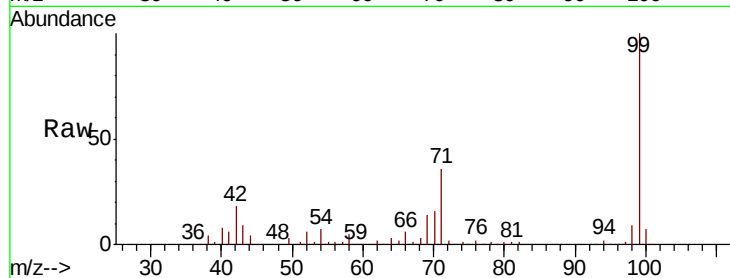
Tot Ion: 99 Resp: 1109382

Ion Ratio Lower Upper

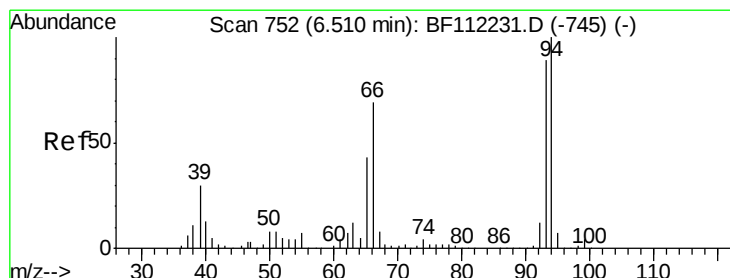
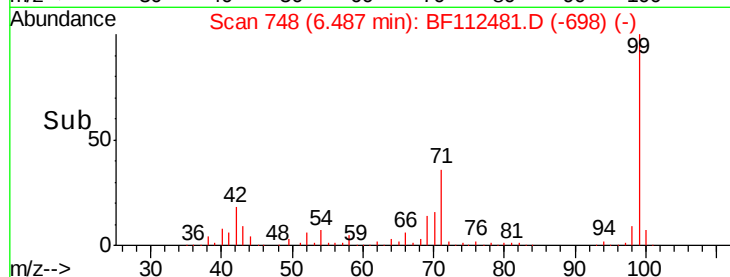
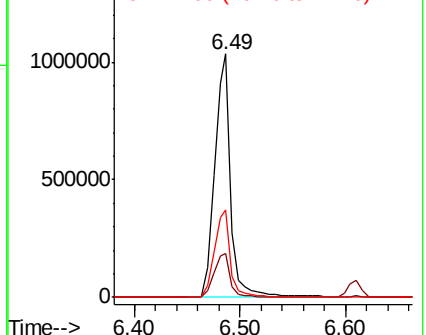
99 100

42 18.2 15.1 22.7

71 36.1 26.9 40.3



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: 7.128 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

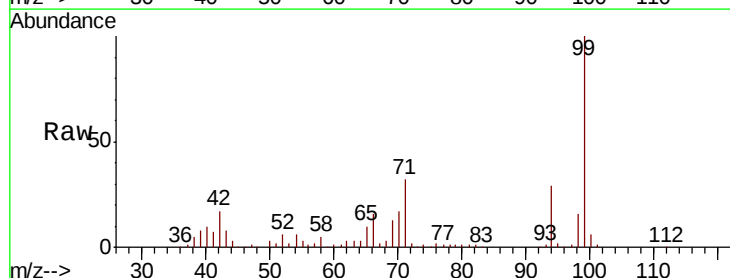
Tgt Ion: 94 Resp: 82839

Ion Ratio Lower Upper

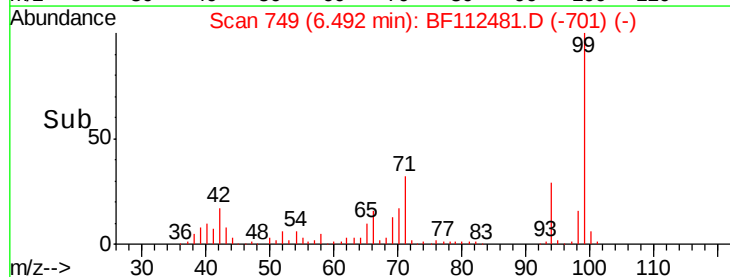
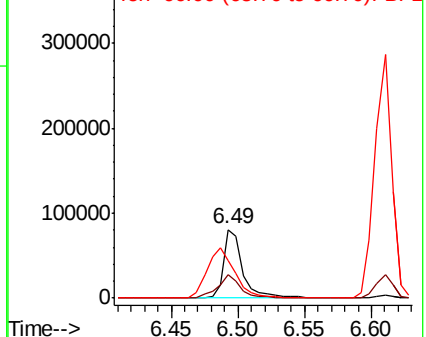
94 100

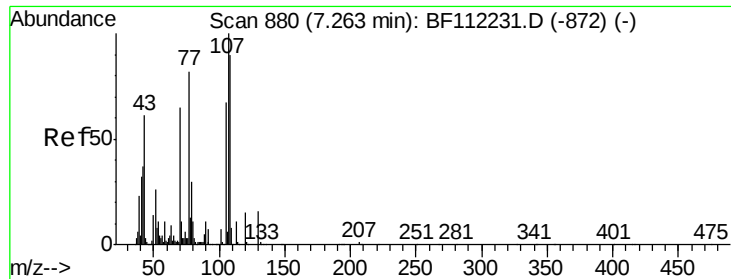
65 33.5 20.3 60.3

66 54.8 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

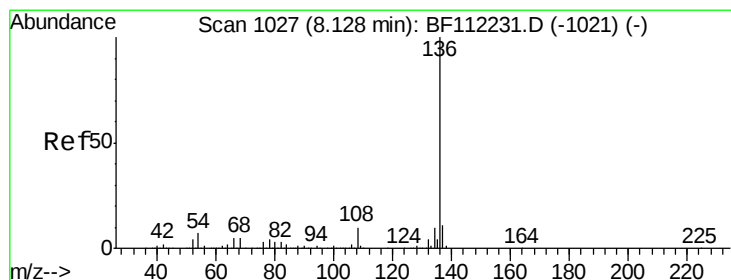
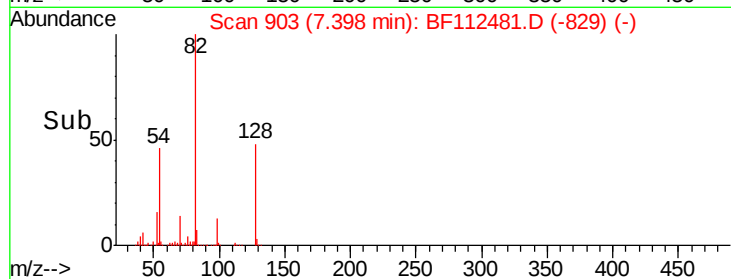
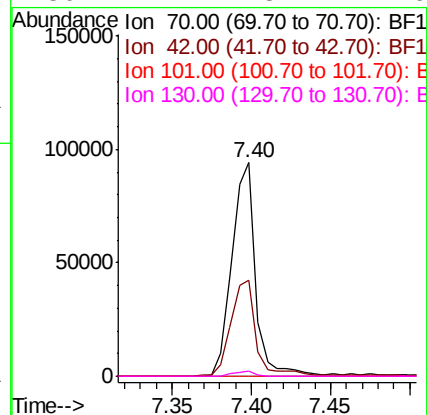
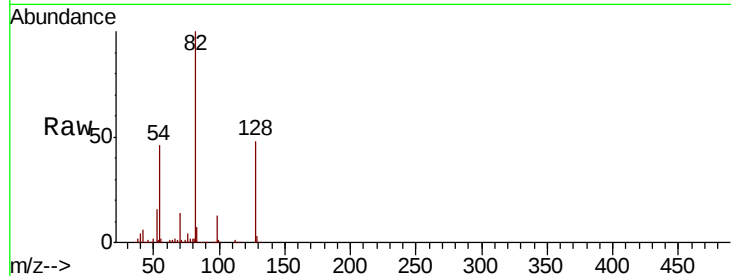




#19
n-Nitroso-di-n-propylamine
Concen: 13.416 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

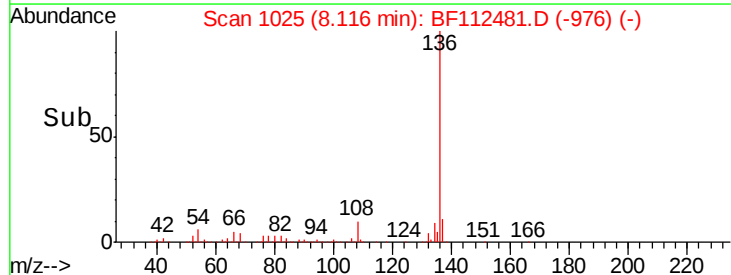
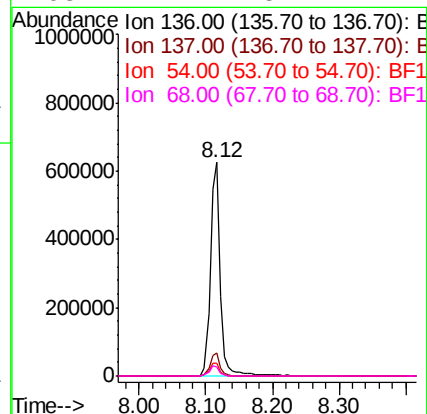
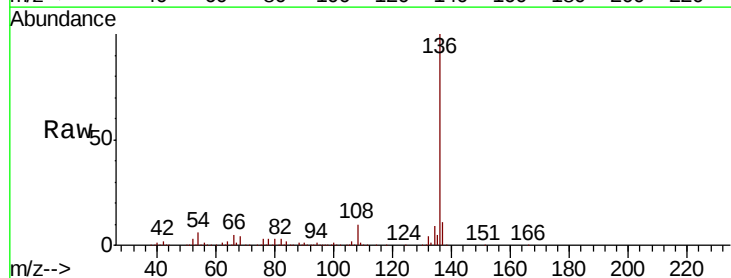
Instrument :
BNA_F
ClientSampleId :

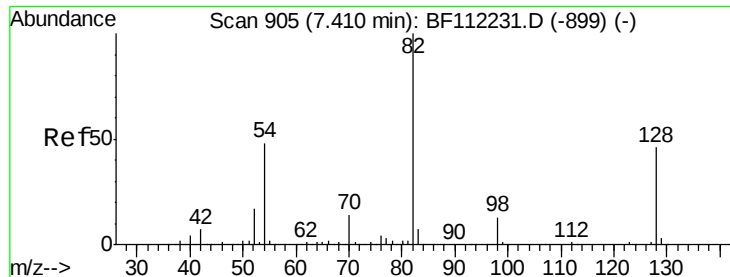
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.7	5.9	8.9#
68	4.4	5.1	7.7#

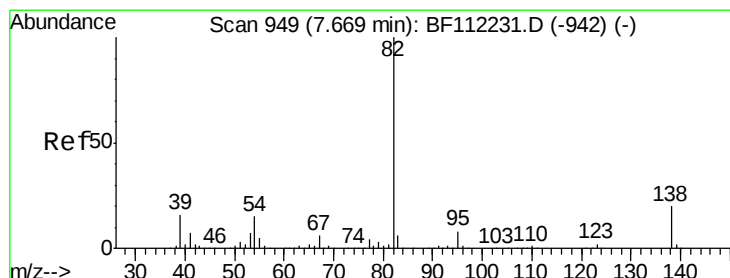
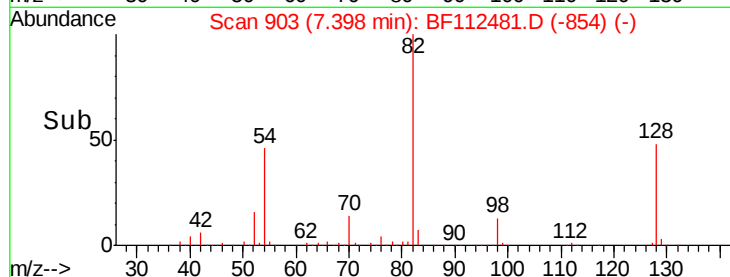
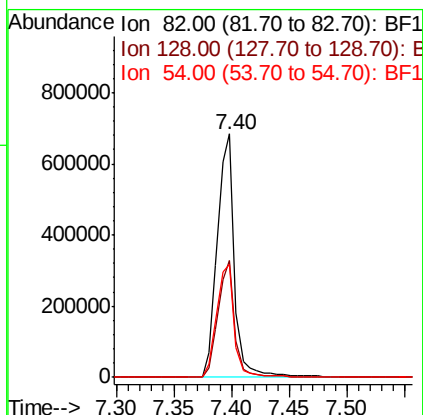
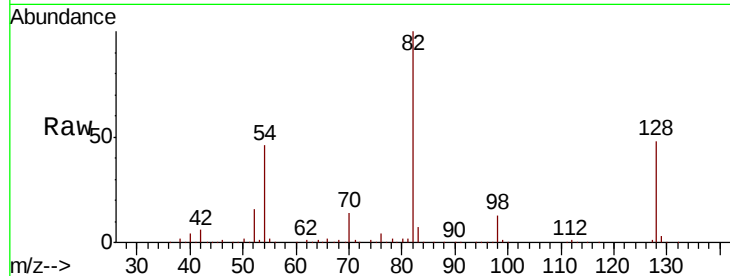




#23
 Nitrobenzene-d5
 Concen: 64.852 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

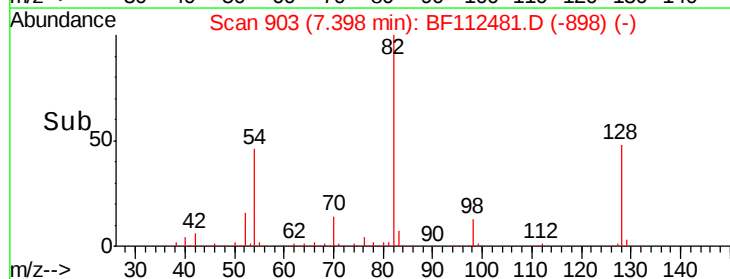
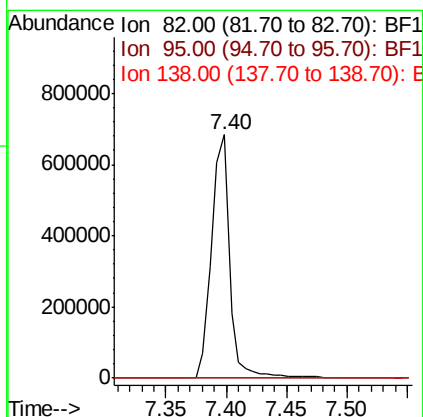
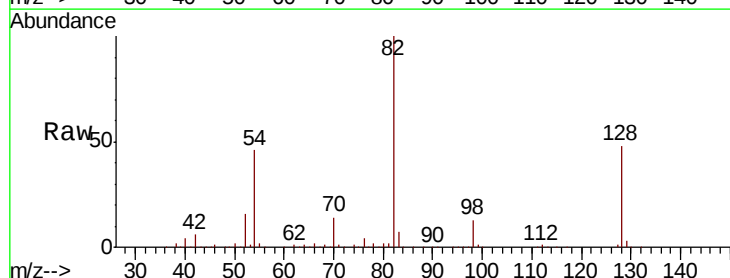
Instrument :
 BNA_F
 ClientSampleID :

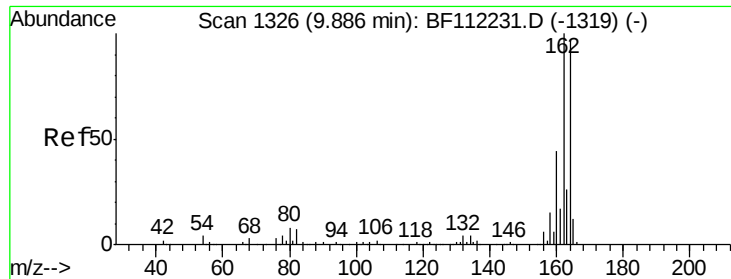
Tot Ion: 82 Resp: 711588
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 46.3 39.7 59.5



#25
 Isophorone
 Concen: 41.338 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Tgt Ion: 82 Resp: 711579
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#

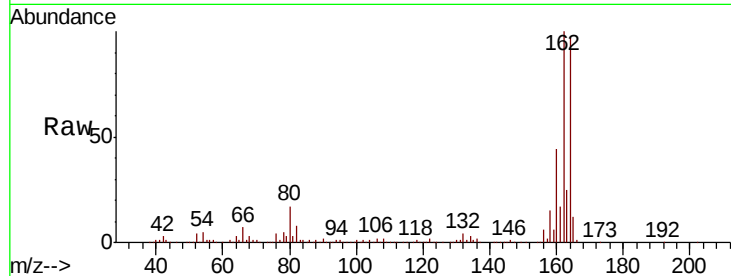




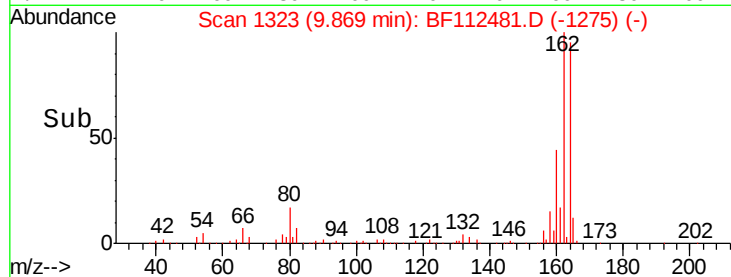
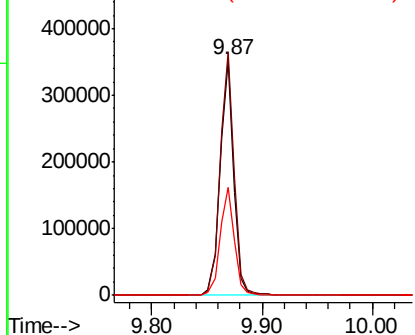
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	45.8	36.2	54.4

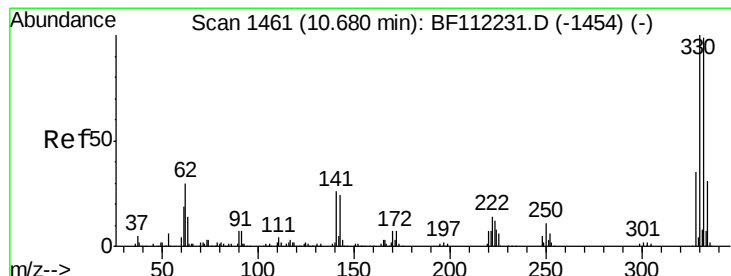


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

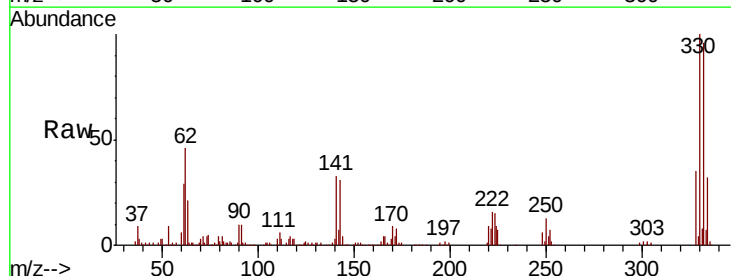
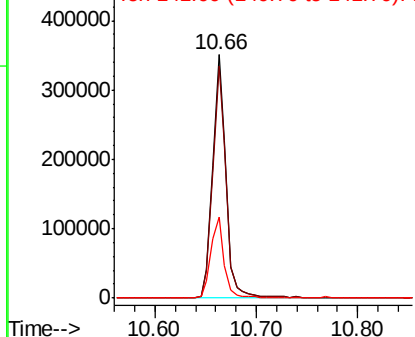


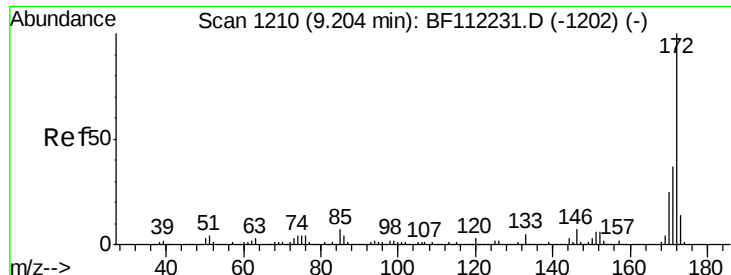
#42
 2,4,6-Tribromophenol
 Concen: 91.392 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	32.7	24.3	36.5



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

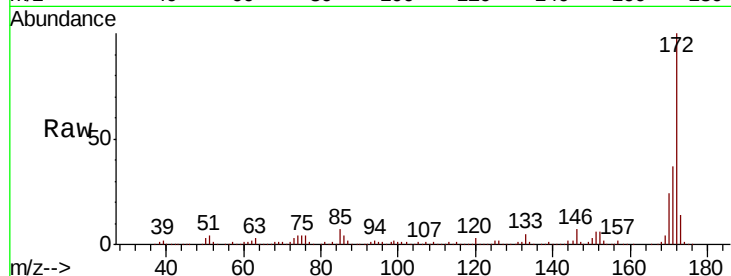




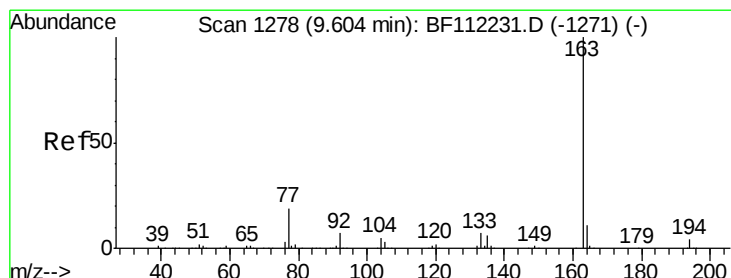
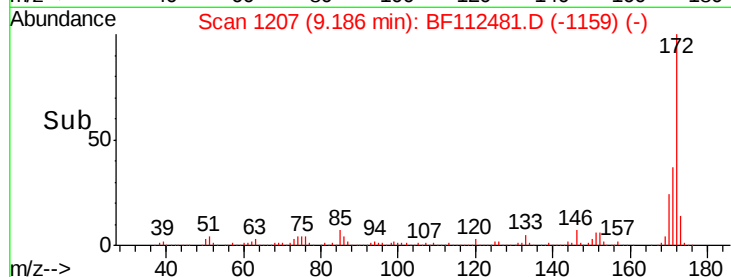
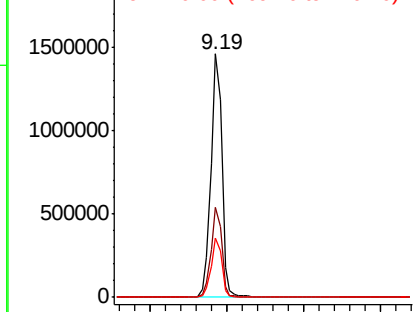
#45
2-Fluorobiphenyl
Concen: 66.681 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1429740
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.3 20.2 30.4

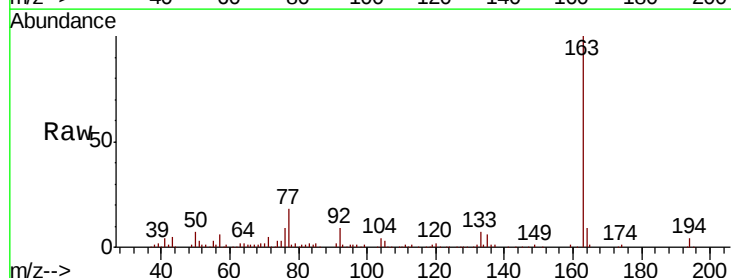


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

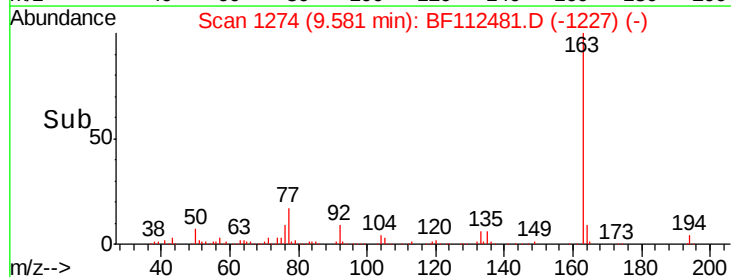
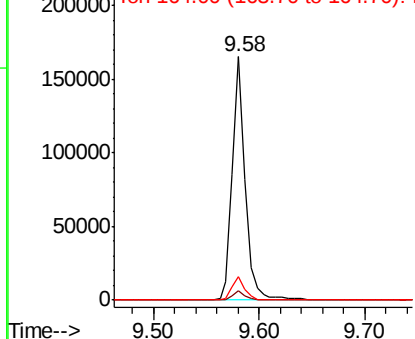


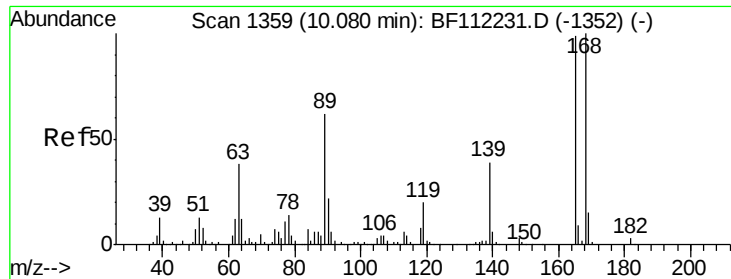
#50
Dimethylphthalate
Concen: 5.897 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion:163 Resp: 138939
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

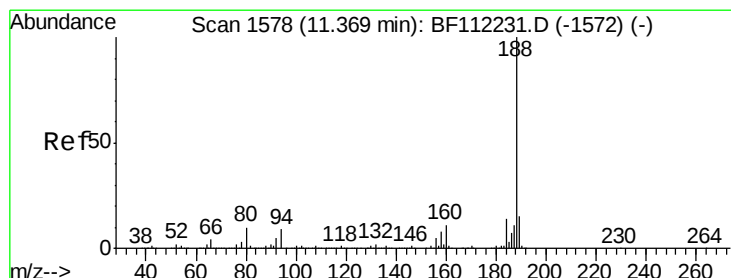
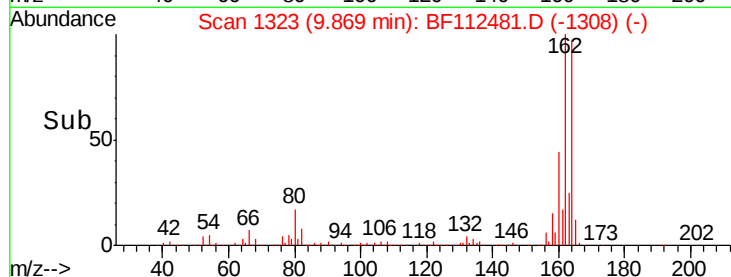
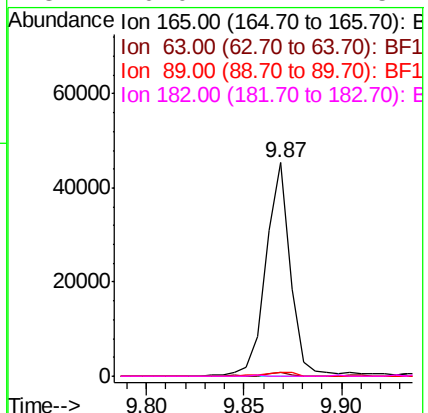
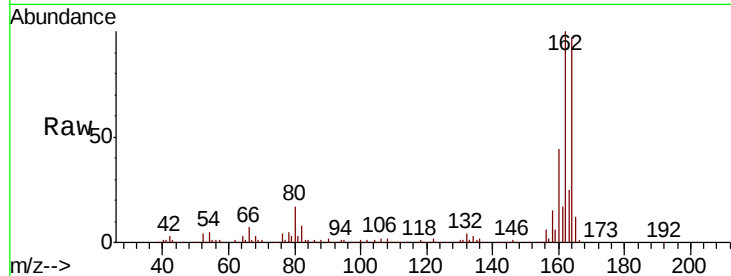




#57
 2,4-Dinitrotoluene
 Concen: 5.922 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

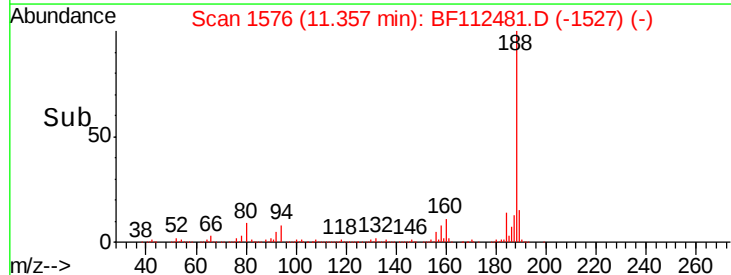
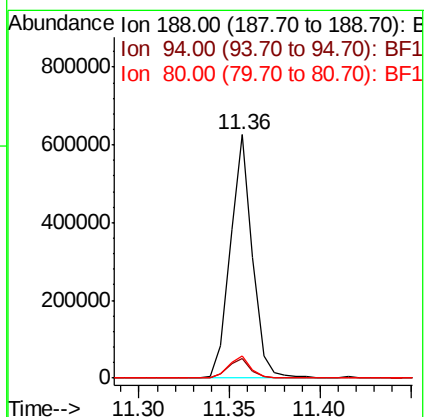
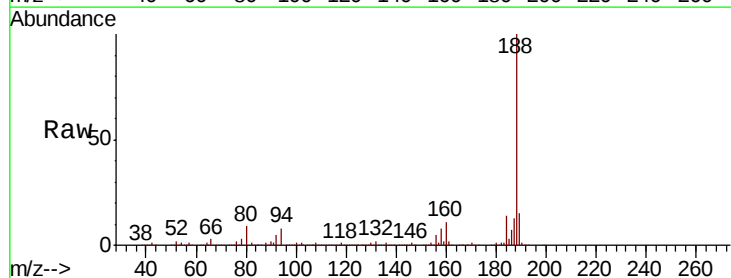
Instrument :
 BNA_F
 ClientSampleId :

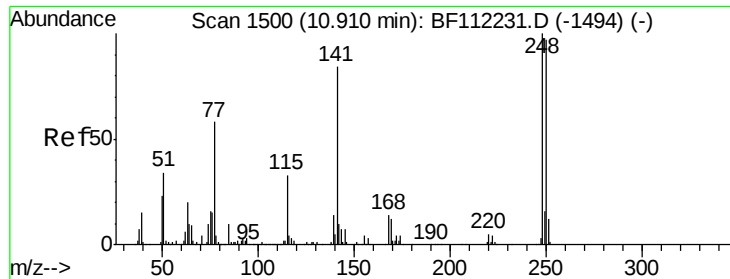
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	9.0	8.9	13.3





#67

4-Bromophenyl-phenylether

Concen: 3.080 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Instrument :

BNA_F

ClientSampleId :

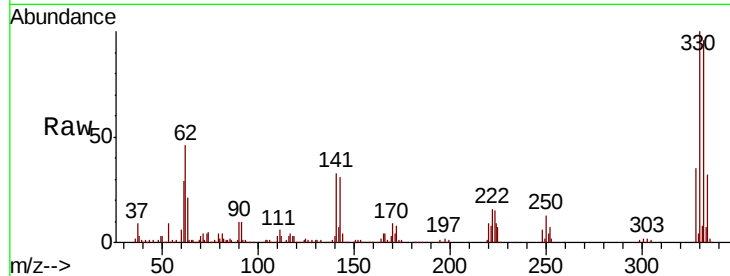
Tot Ion:248 Resp: 19170

Ion Ratio Lower Upper

248 100

250 195.9 79.7 119.5#

141 520.5 60.3 90.5#

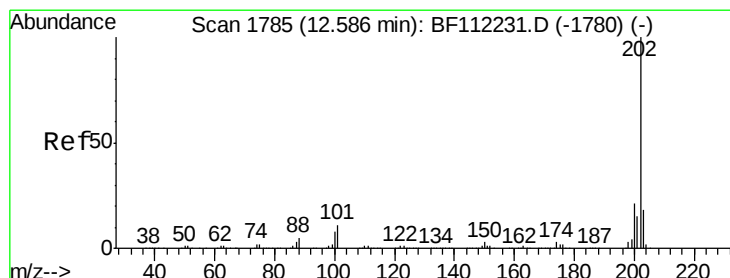
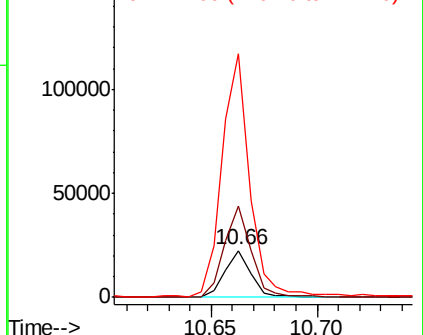
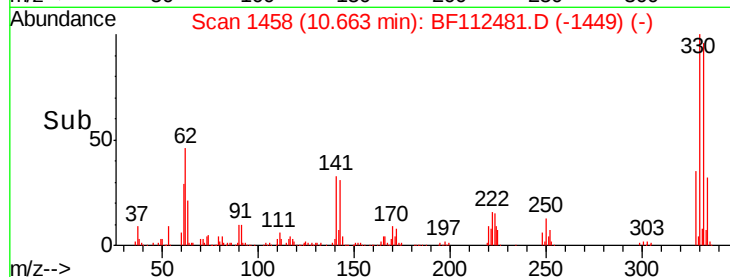


Abundance

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: 2.192 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

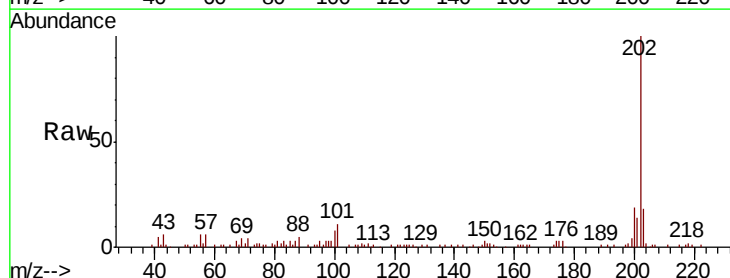
Tgt Ion:202 Resp: 64685

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.8

203 18.2 0.0 38.4

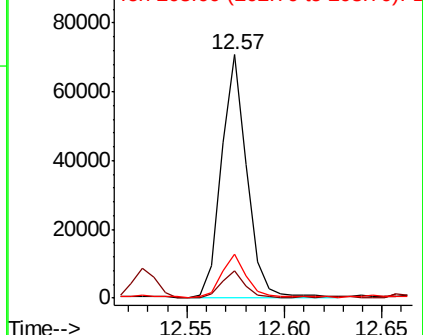
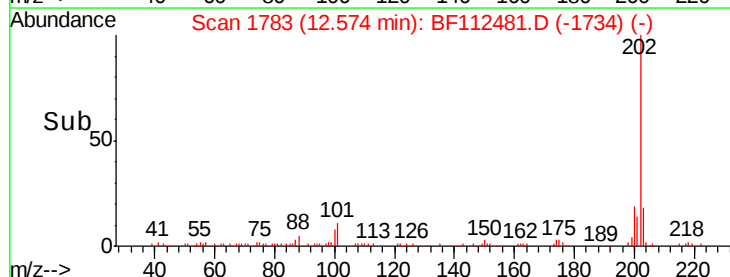


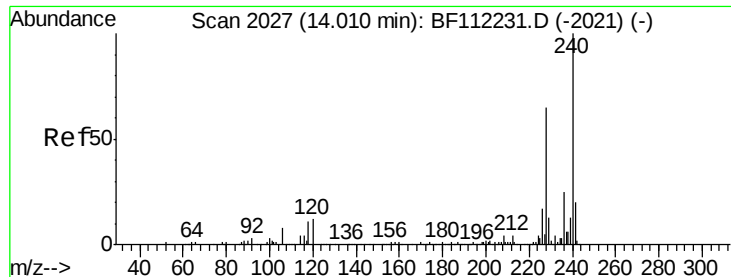
Abundance

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

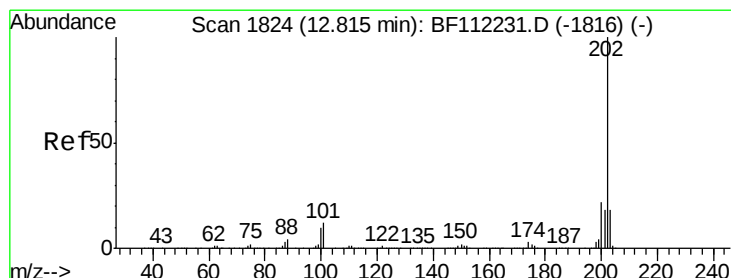
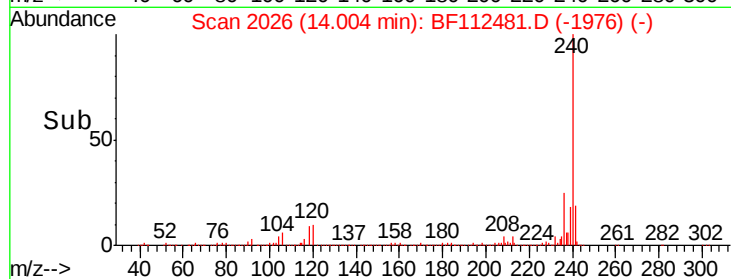
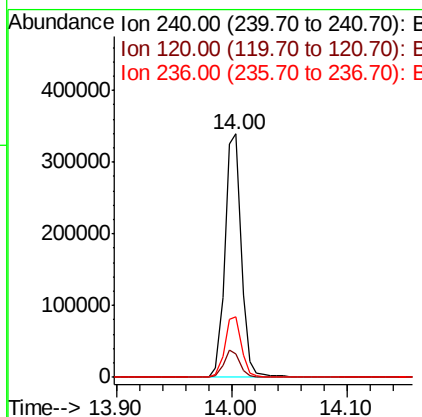
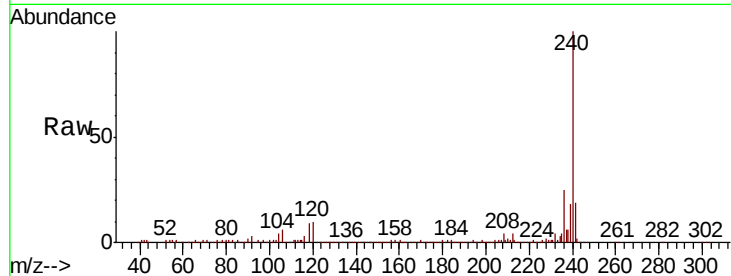




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

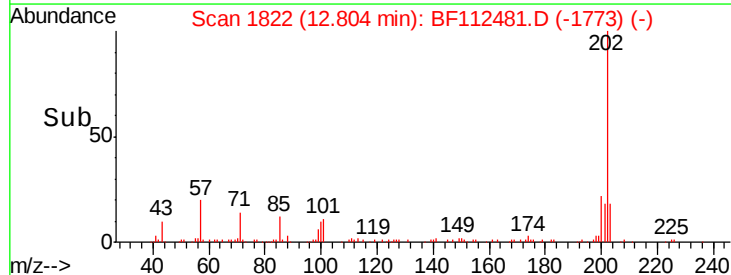
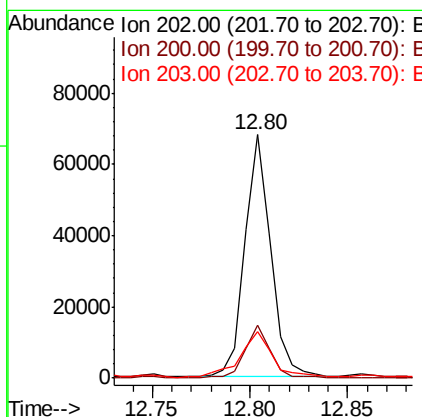
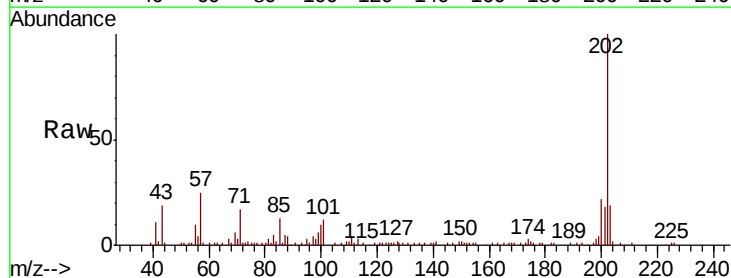
Instrument :
 BNA_F
 ClientSampleId :

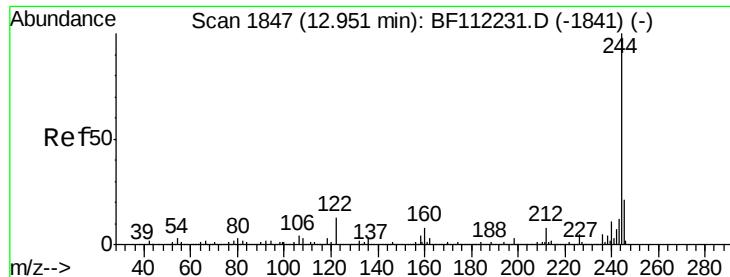
Tot Ion:240 Resp: 334435
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.6
 236 24.9 20.7 31.1



#78
 Pyrene
 Concen: 2.718 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF112481.D
 Acq: 11 Feb 2019 15:28

Tgt Ion:202 Resp: 62936
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 19.0 14.6 22.0





#79

Terphenyl-d14

Concen: 65.250 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

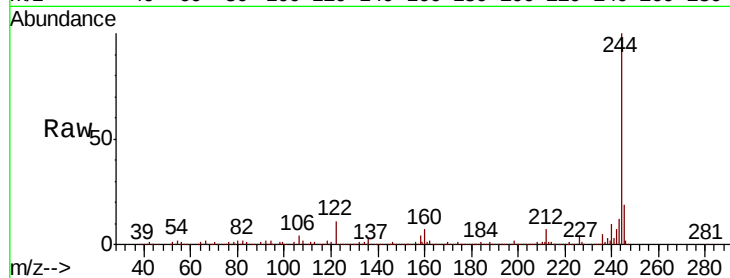
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1158617

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.2	9.8	14.6

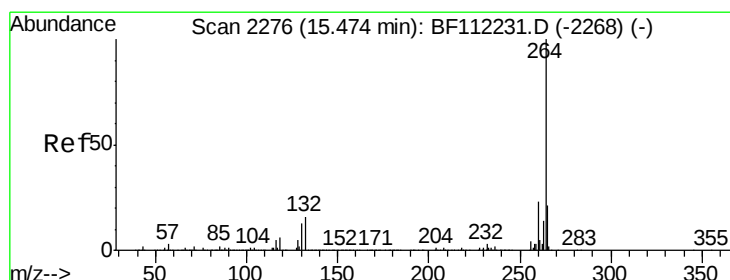
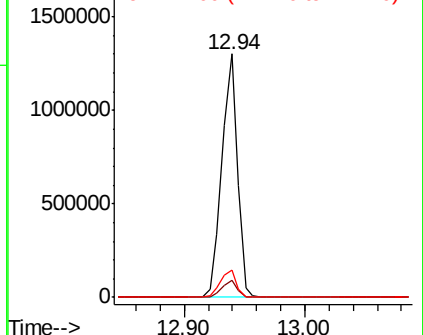
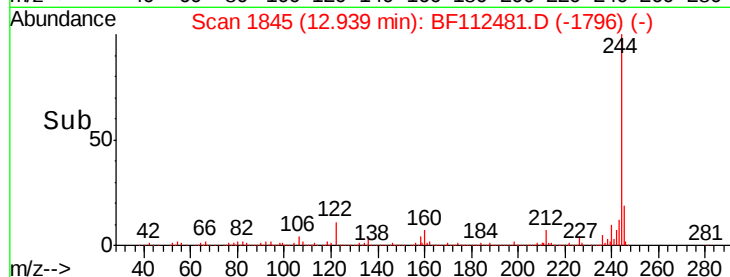


Abundance

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: 15.47 min Scan# 2276

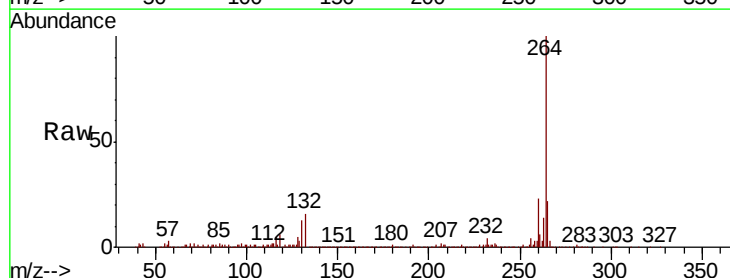
Delta R.T. 0.00 min

Lab File: BF112481.D

Acq: 11 Feb 2019 15:28

Tgt Ion:264 Resp: 334061

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.5	17.0	25.4

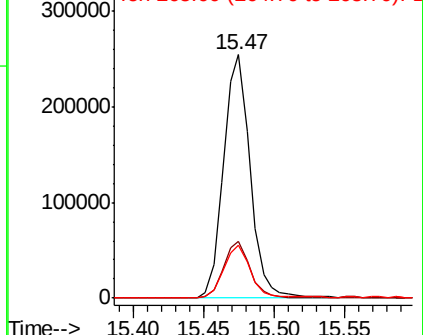
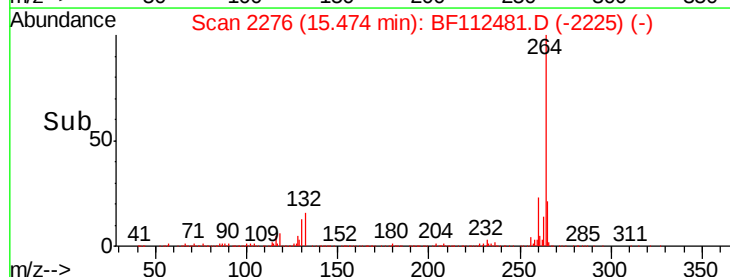


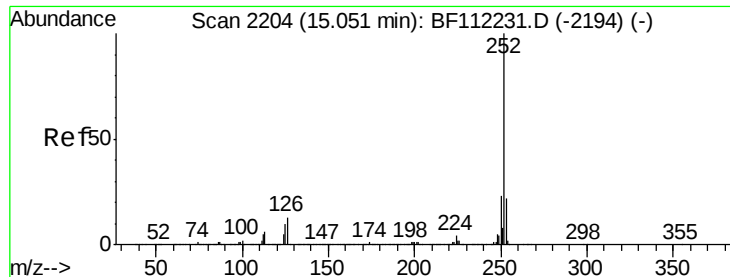
Abundance

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

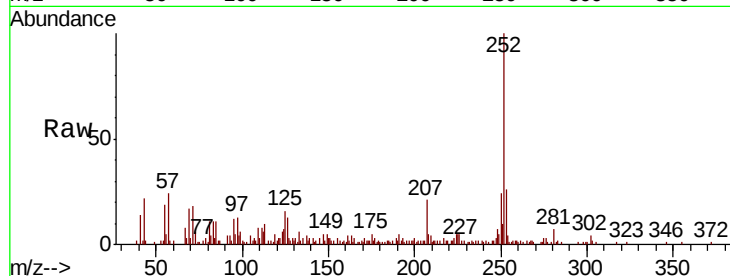




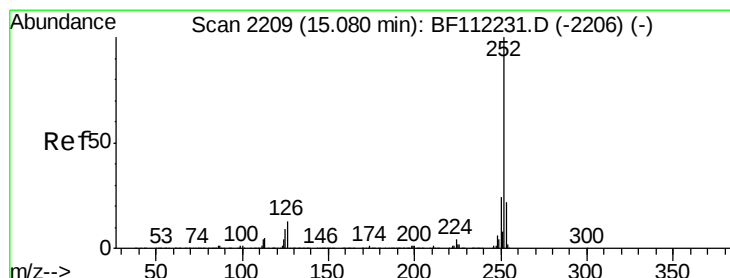
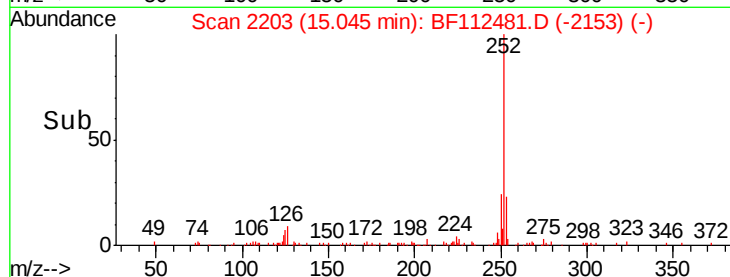
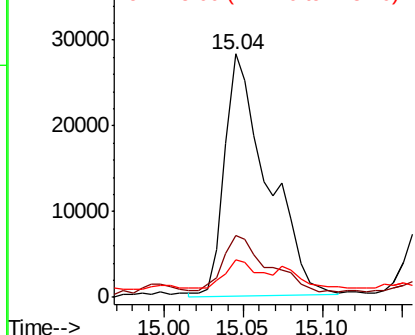
#88
Benzo(b)fluoranthene
Concen: 2.653 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	15.6	8.7	13.1

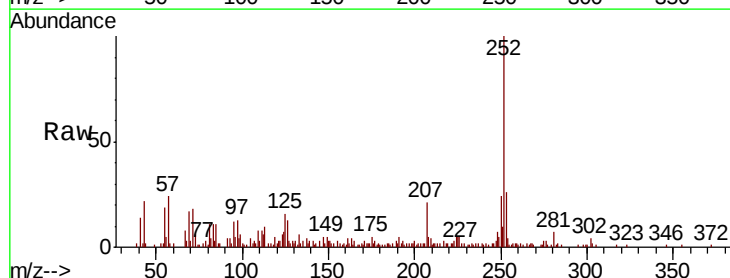


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.770 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112481.D
Acq: 11 Feb 2019 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	15.6	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

