

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110187.D
 Acq On : 26 Oct 2018 3:29
 Operator : JU/SJ
 Sample : J5621-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 06:41:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124202	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	447436	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	172167	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	297132	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	227844	20.00	ng	-0.01
87) Perylene-d12	15.68	264	175860	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	777844	101.99	ng	0.00
7) Phenol-d6	6.59	99	933579	95.70	ng	-0.01
23) Nitrobenzene-d5	7.53	82	540867	71.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	156433	91.73	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	862947	78.71	ng	-0.01
79) Terphenyl-d14	13.09	244	708495	64.67	ng	-0.02

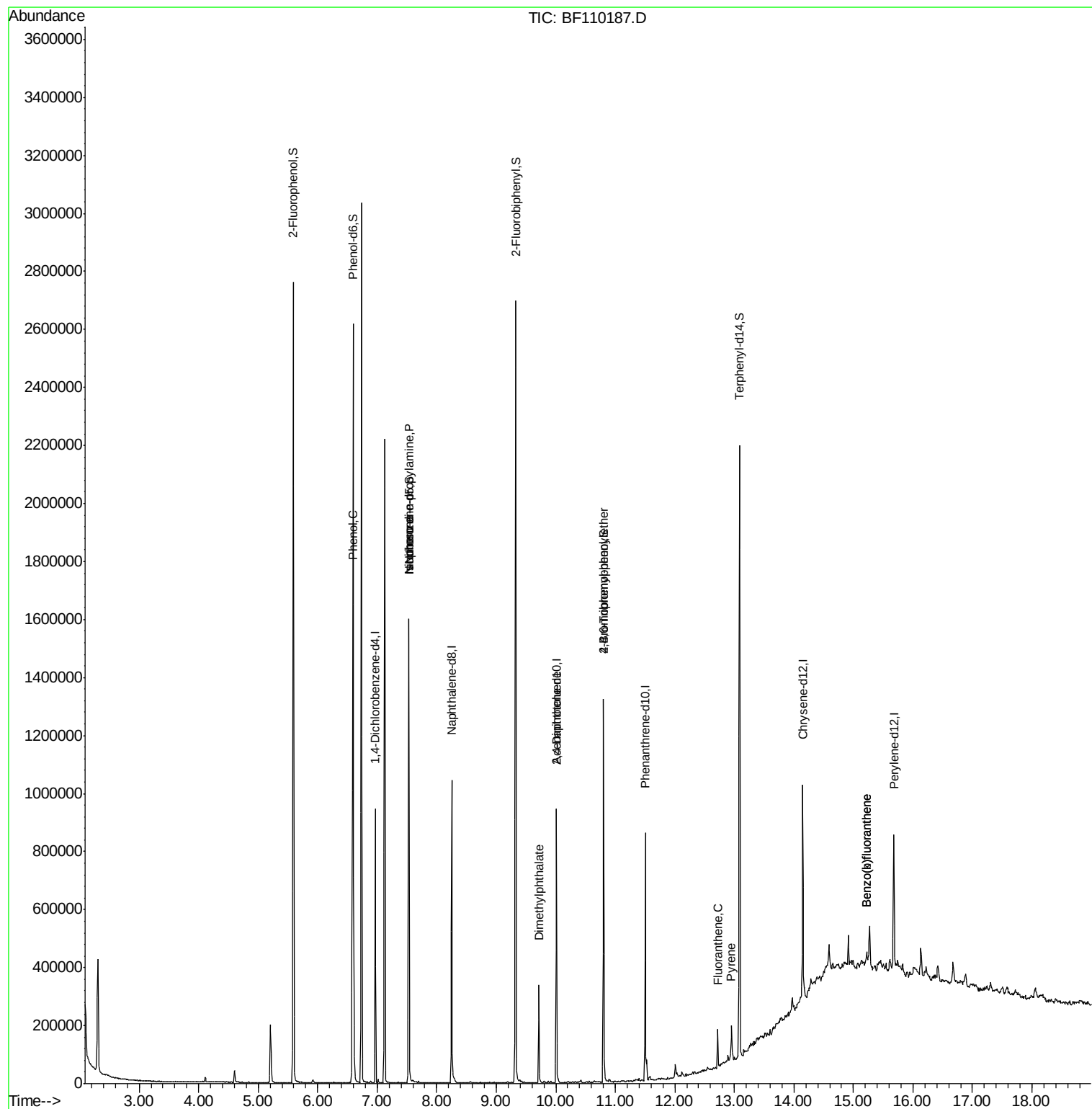
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	129658	12.434	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	71507	11.425	ng	# 79
25) Isophorone	7.53	82	540860	42.061	ng	# 67
50) Dimethylphthalate	9.72	163	131465	10.344	ng	99
57) 2,4-Dinitrotoluene	10.01	165	21824	6.276	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	9849	3.056	ng	# 1
75) Fluoranthene	12.72	202	46463	2.945	ng	98
78) Pyrene	12.95	202	43565	2.667	ng	97
88) Benzo(b)fluoranthene	15.22	252	27252	2.684	ng	# 67
89) Benzo(k)fluoranthene	15.22	252	27252	2.730	ng	# 67

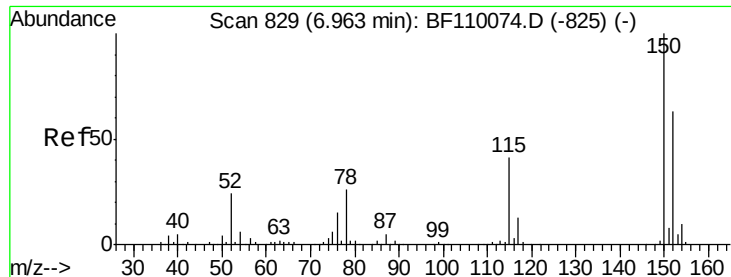
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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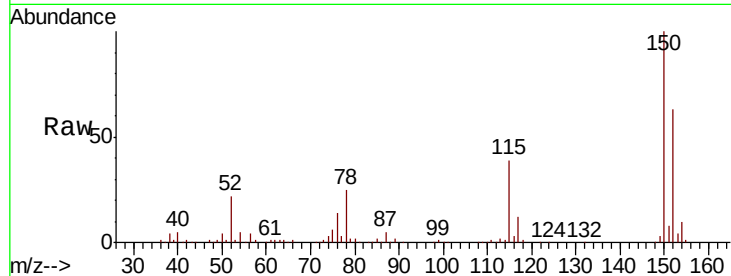


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	61.3	49.1	73.7

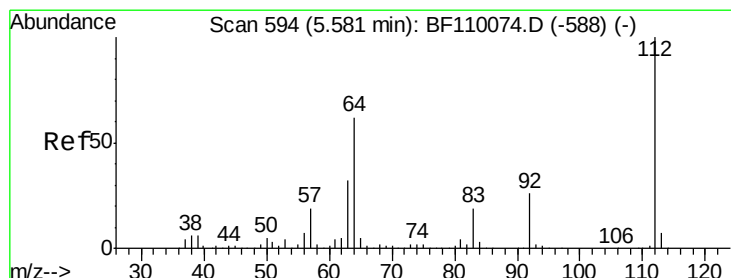
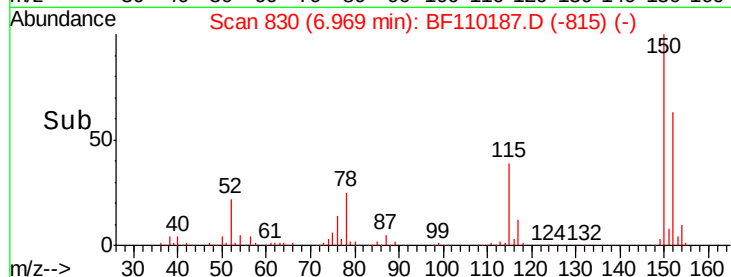
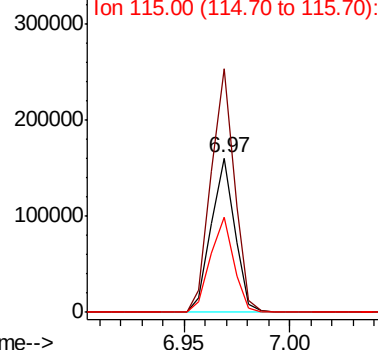


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

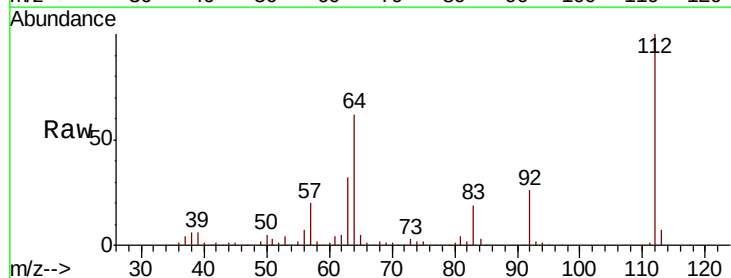
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.986 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.3	23.7	35.5

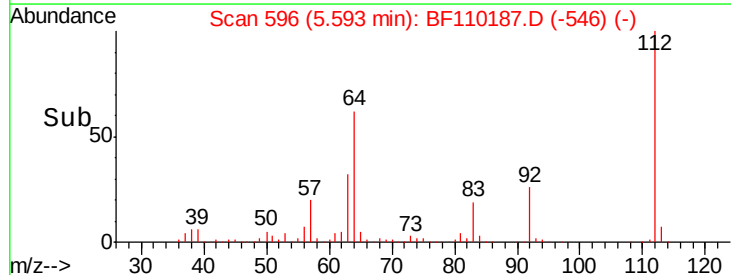
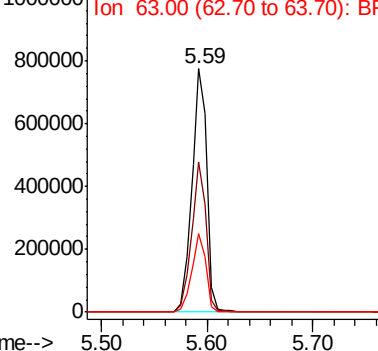


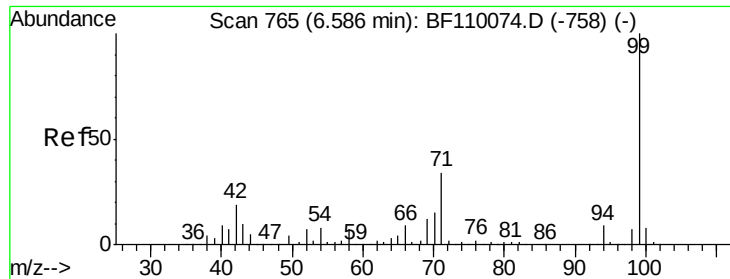
Abundance

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: 95.698 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

Instrument :

BNA_F

ClientSampled :

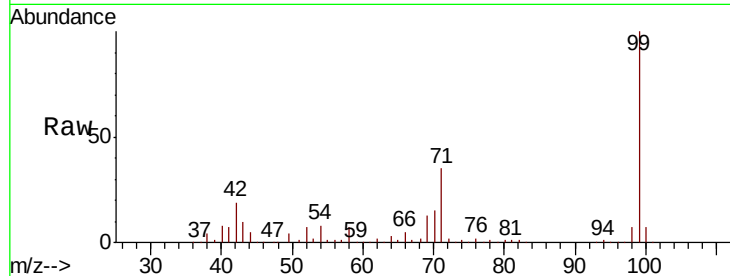
Tot Ion: 99 Resp: 933579

Ion Ratio Lower Upper

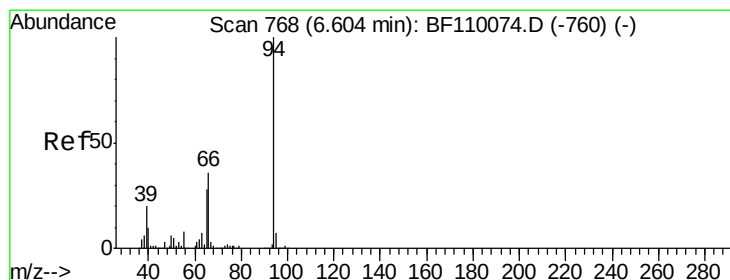
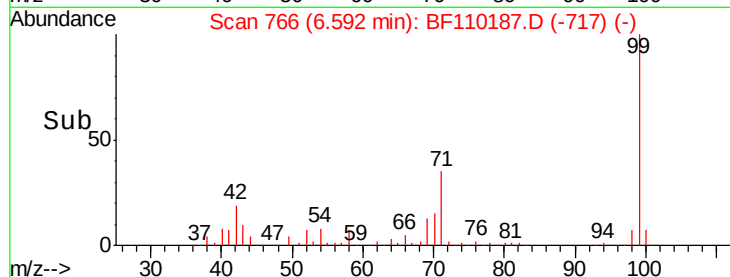
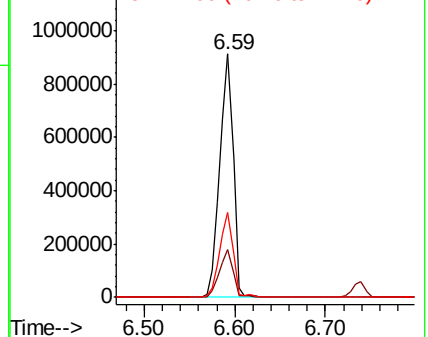
99 100

42 19.5 15.8 23.6

71 34.6 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: 12.434 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

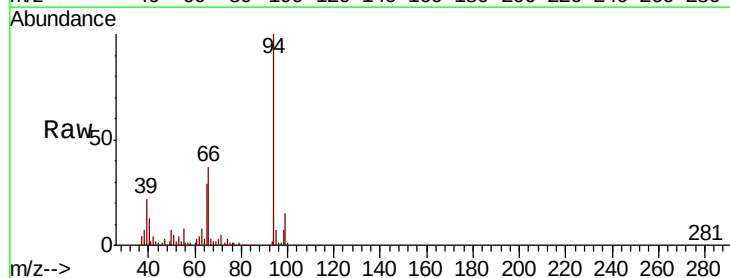
Tgt Ion: 94 Resp: 129658

Ion Ratio Lower Upper

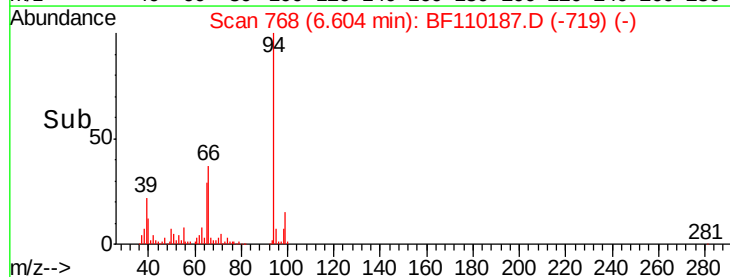
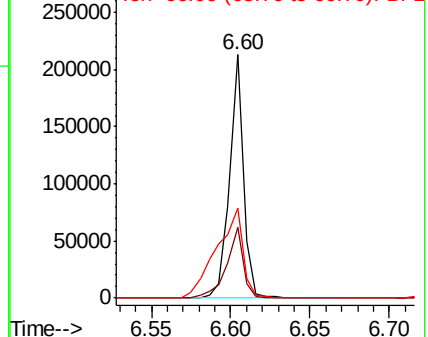
94 100

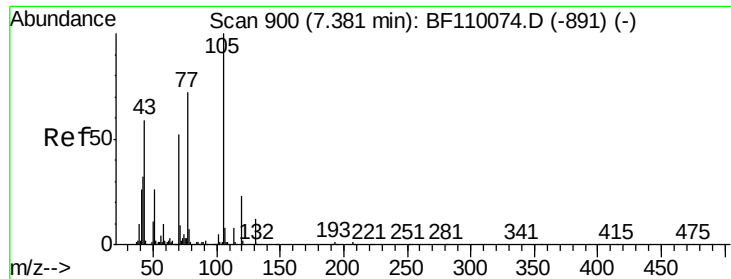
65 29.0 25.3 65.3

66 37.2 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

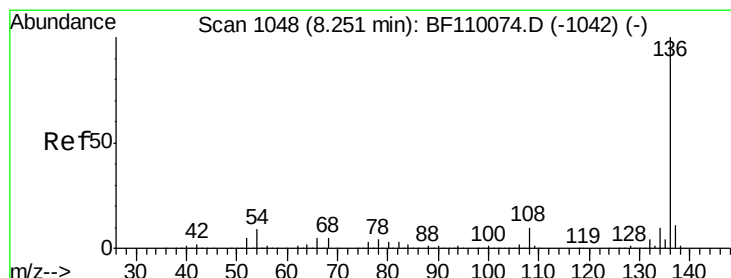
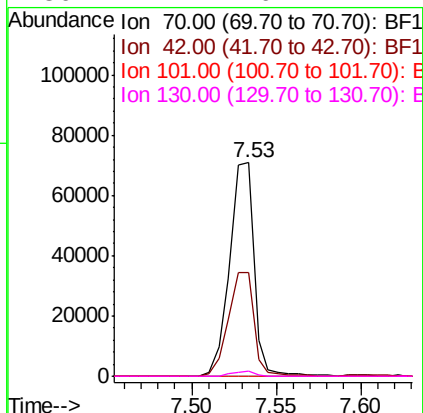
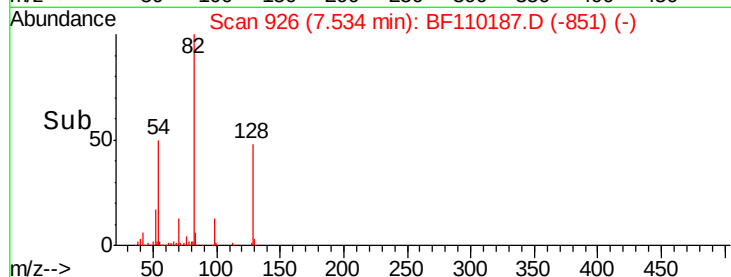
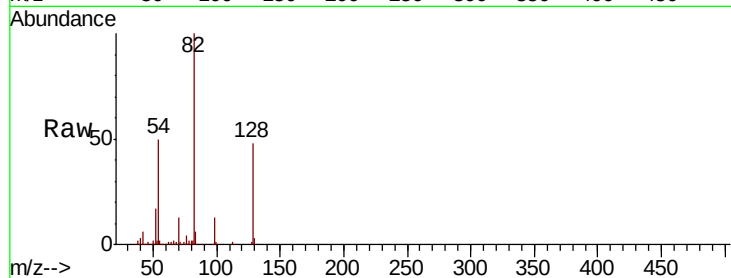




#19
n-Nitroso-di-n-propylamine
Concen: 11.425 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

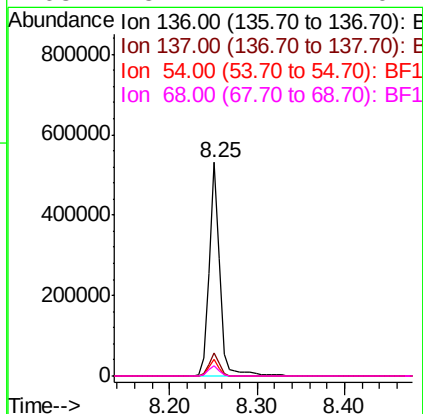
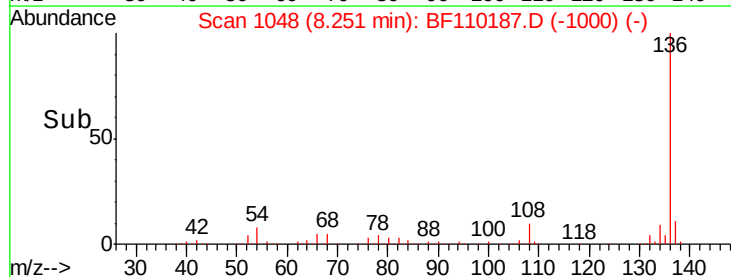
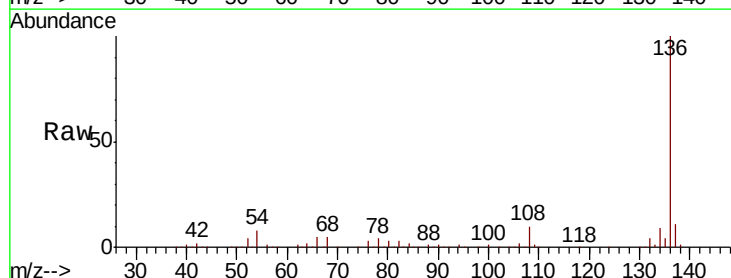
Instrument :
BNA_F
ClientSampleId :

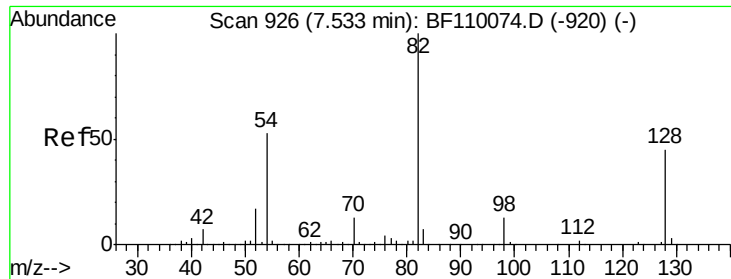
Tot Ion: 70 Resp: 71507
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion: 136 Resp: 447436
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.1 5.4 8.2
68 5.1 4.2 6.2

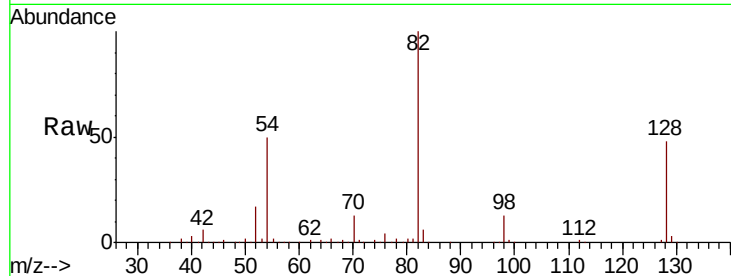




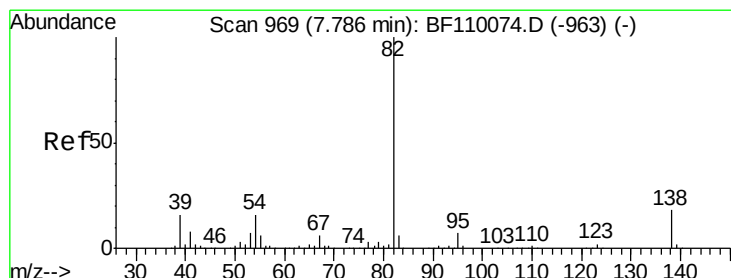
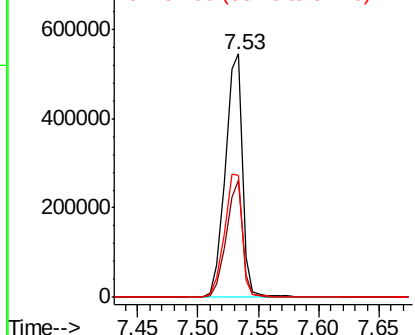
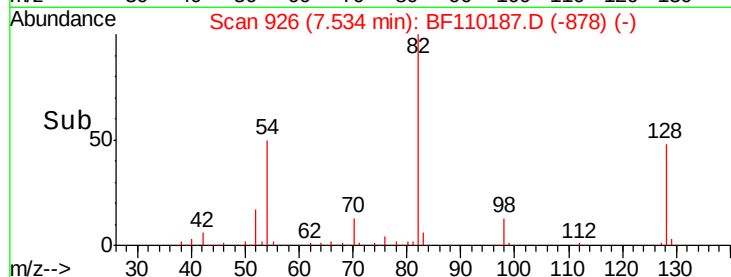
#23
 Nitrobenzene-d5
 Concen: 71.699 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110187.D
 Acq: 26 Oct 2018 3:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	540867
Ion Ratio	Lower	Upper	
82	100		
128	48.2	34.2	51.2
54	49.9	38.6	58.0

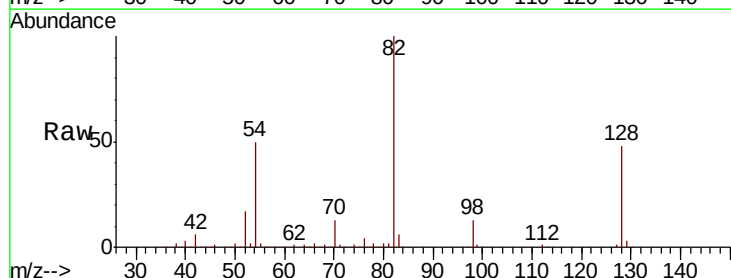


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

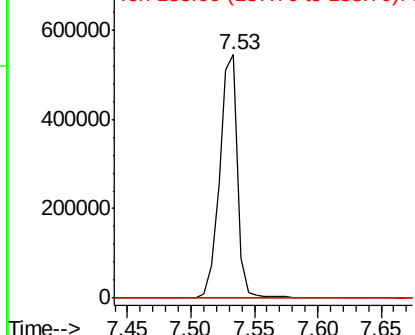
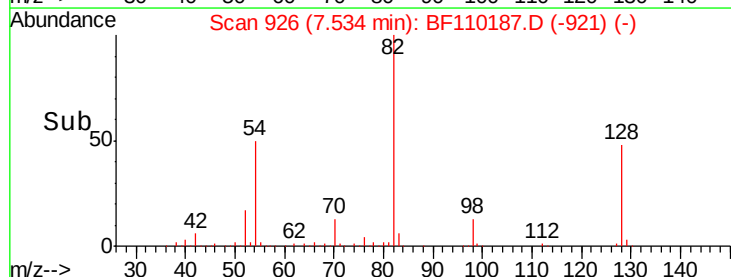


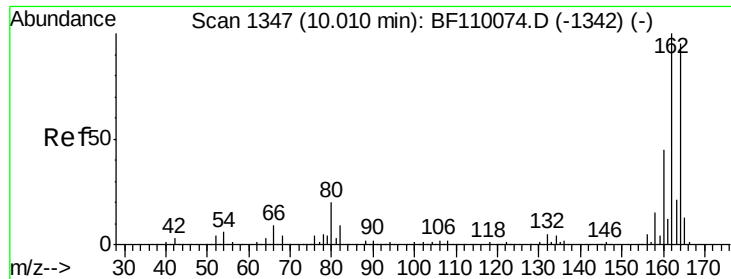
#25
 Isophorone
 Concen: 42.061 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110187.D
 Acq: 26 Oct 2018 3:29

Tgt Ion	82	Resp	540860
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

Instrument :

BNA_F

ClientSampleId :

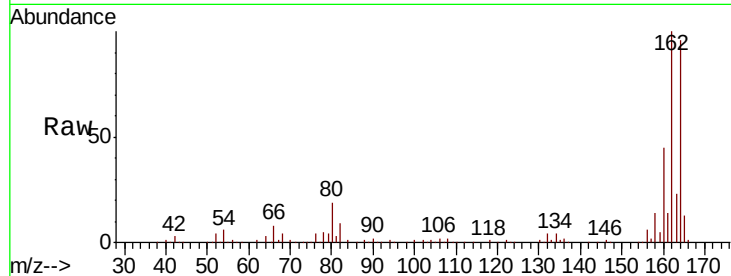
Tot Ion:164 Resp: 172167

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

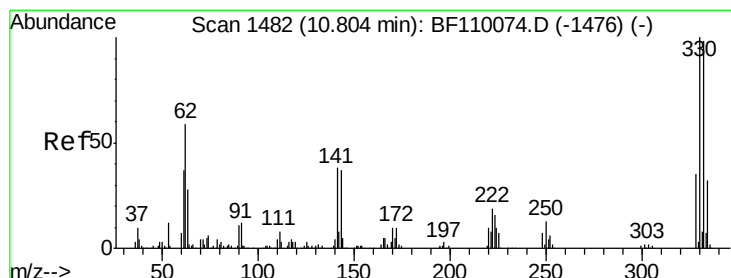
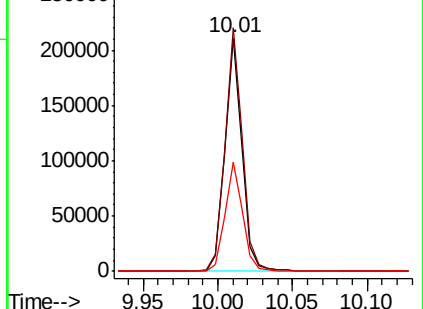
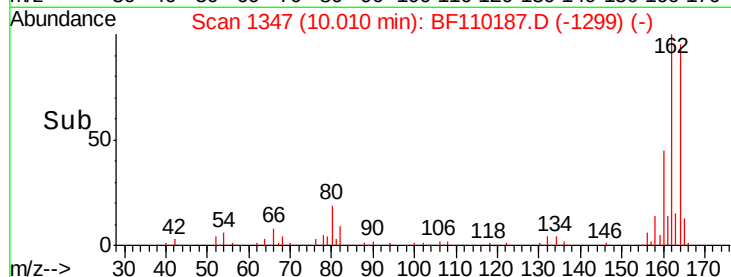
160 46.6 37.0 55.6



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: 91.727 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

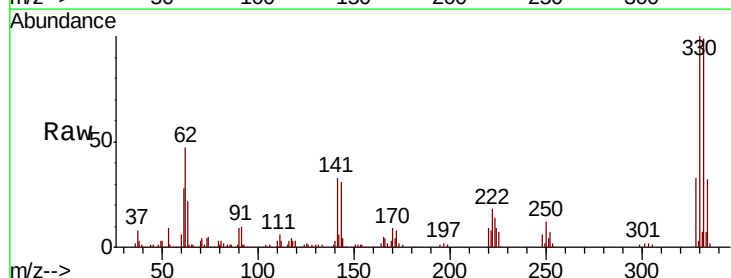
Tgt Ion:330 Resp: 156433

Ion Ratio Lower Upper

330 100

332 98.0 77.1 115.7

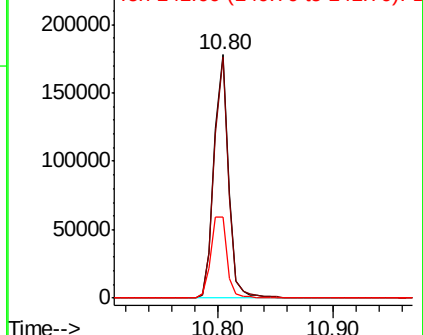
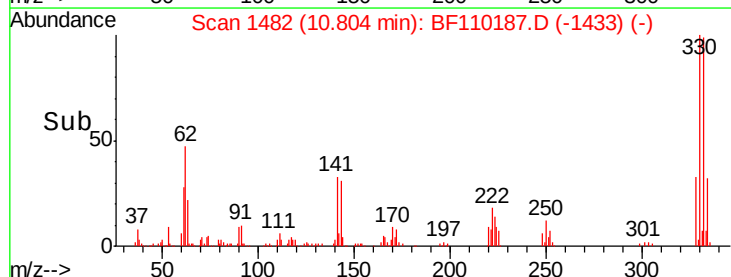
141 37.1 27.0 40.4

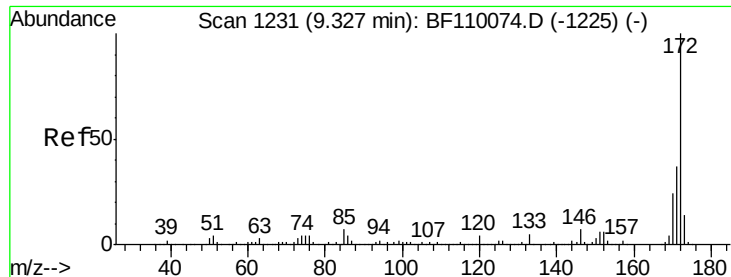


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

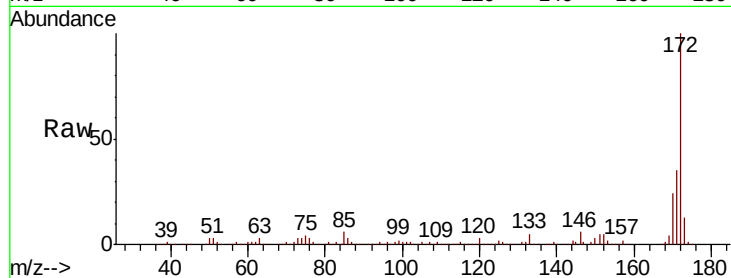




#45
2-Fluorobiphenyl
Concen: 78.706 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.8	19.7	29.5

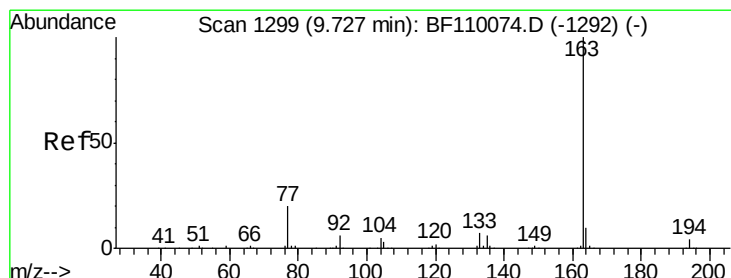
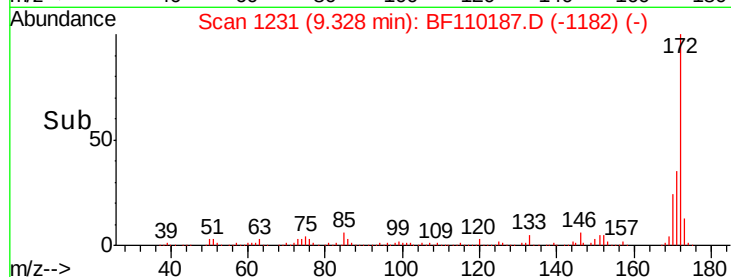
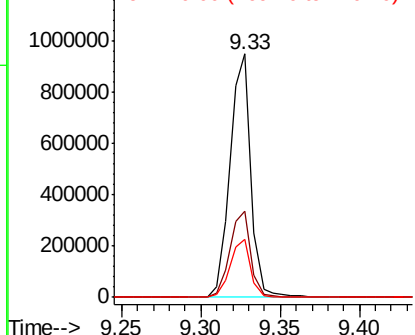


Abundance

Ion 172.00 (171.70 to 172.70): E

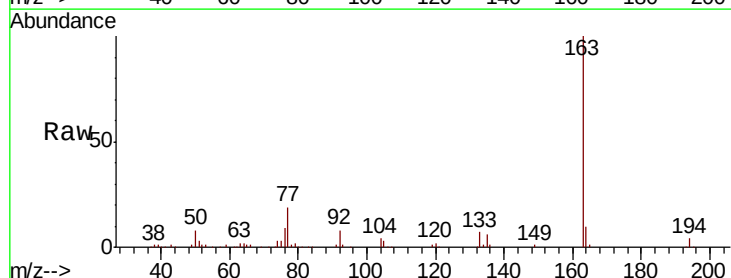
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.344 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	8.1	12.1

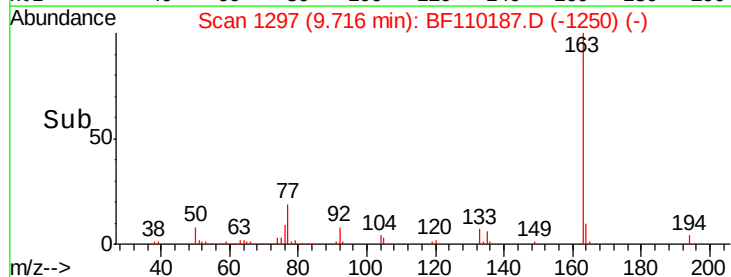
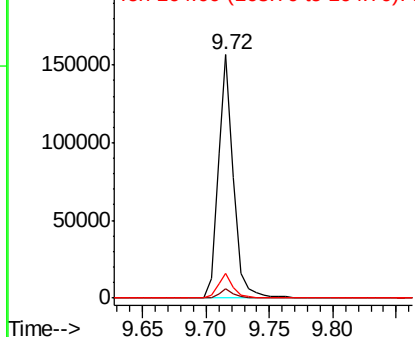


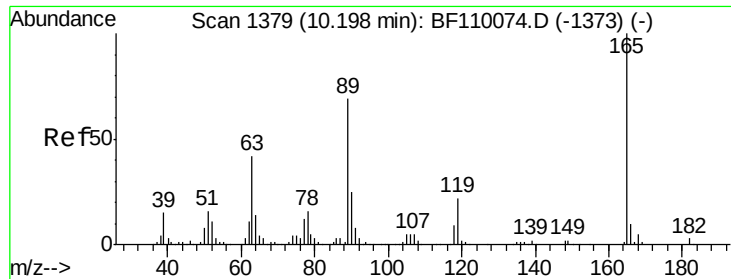
Abundance

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

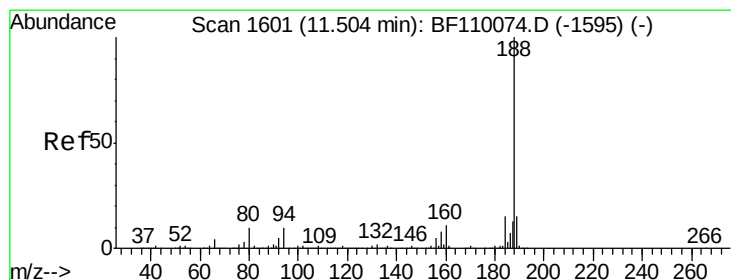
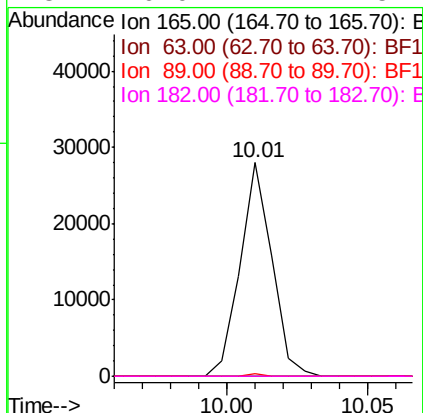
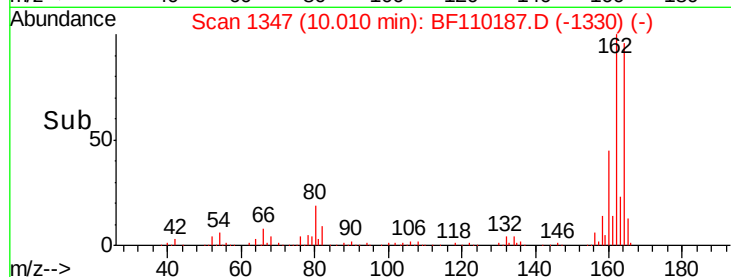
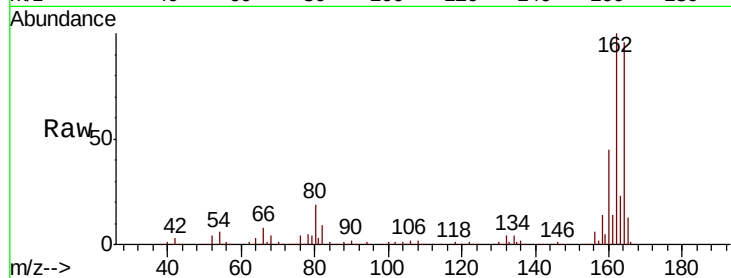




#57
 2,4-Dinitrotoluene
 Concen: 6.276 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110187.D
 Acq: 26 Oct 2018 3:29

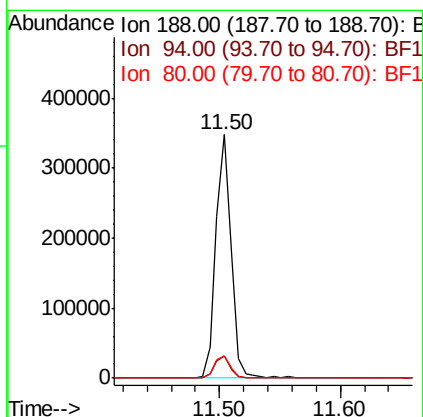
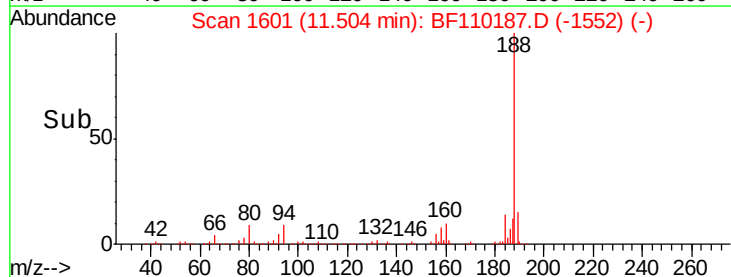
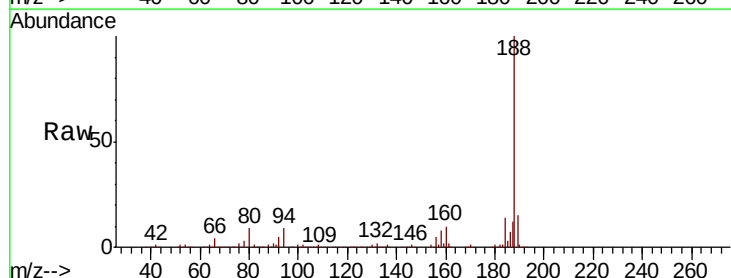
Instrument :
 BNA_F
 ClientSampleId :

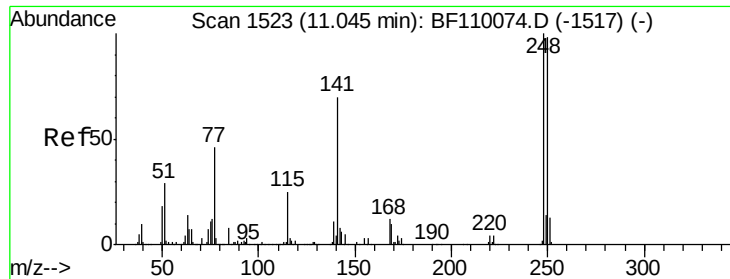
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.4	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110187.D
 Acq: 26 Oct 2018 3:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.3	7.9	11.9

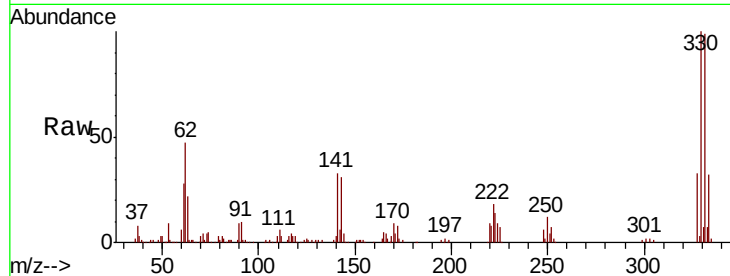




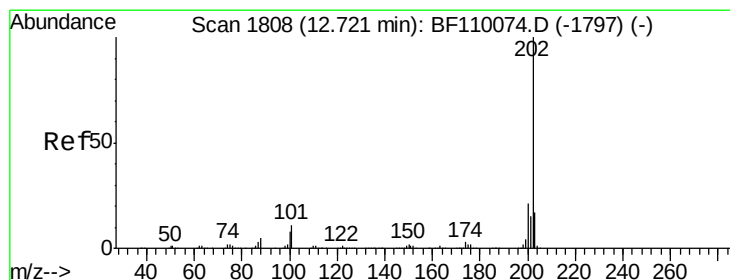
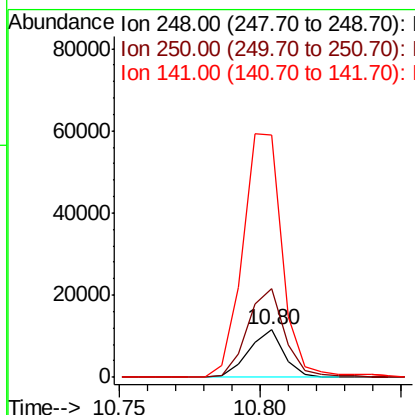
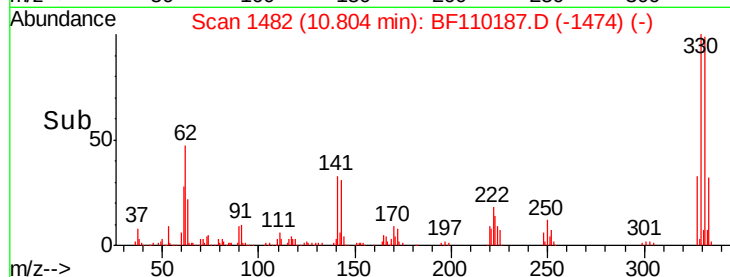
#67
4-Bromophenyl-phenylether
Concen: 3.056 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9849
Ion Ratio Lower Upper
248 100
250 187.8 79.4 119.2#
141 512.6 55.9 83.9#

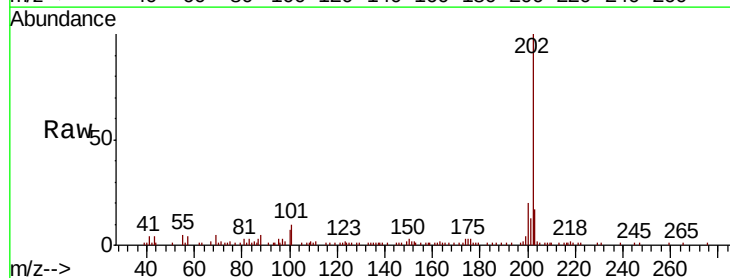


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

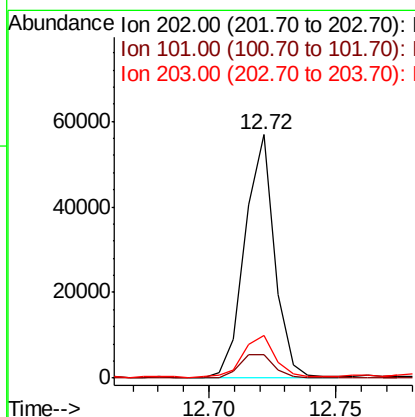
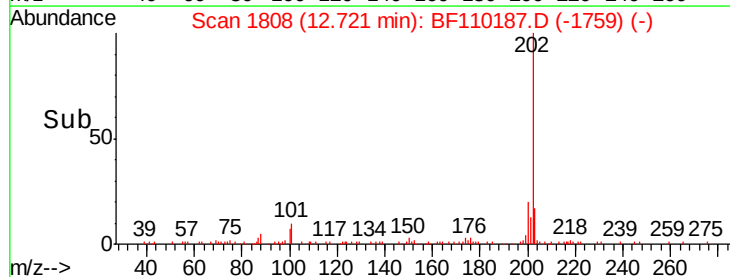


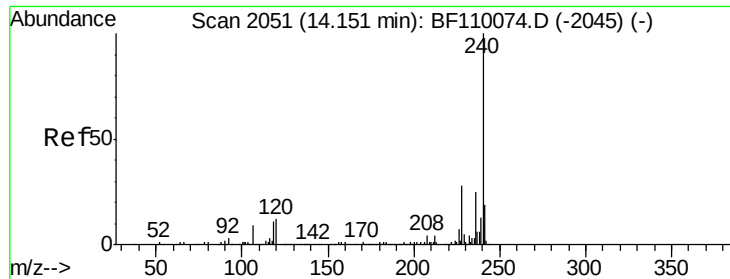
#75
Fluoranthene
Concen: 2.945 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion:202 Resp: 46463
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 17.3 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

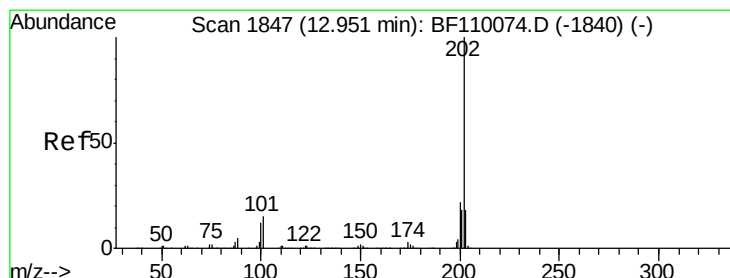
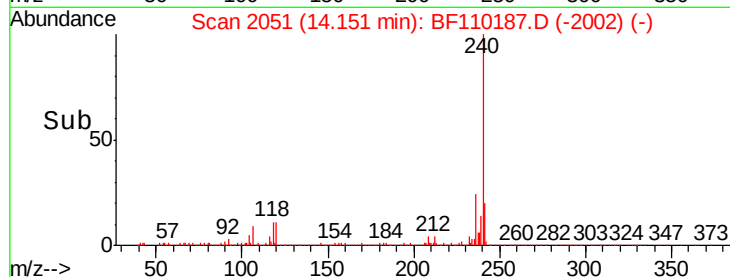
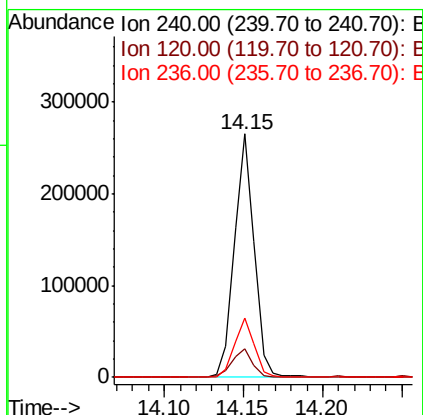
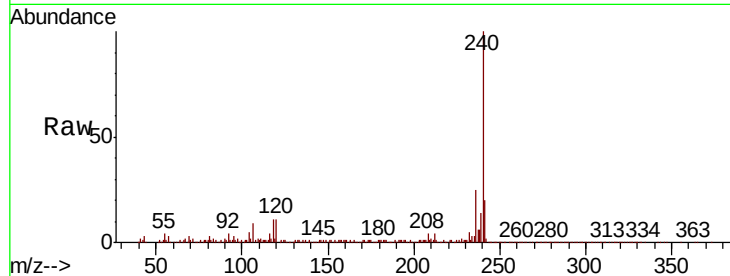




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

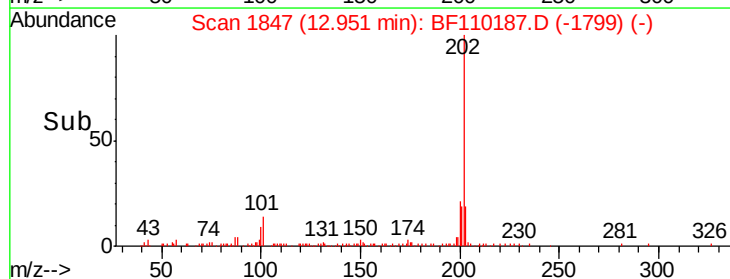
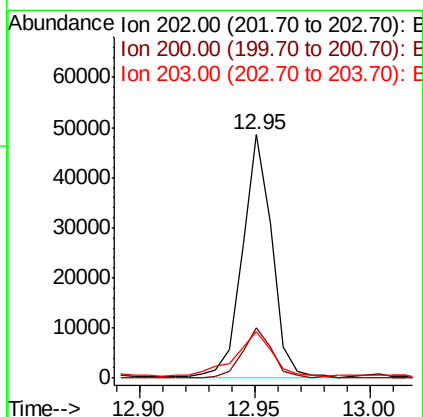
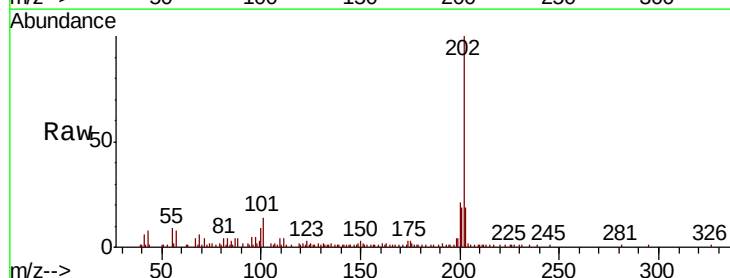
Instrument :
BNA_F
ClientSampleId :

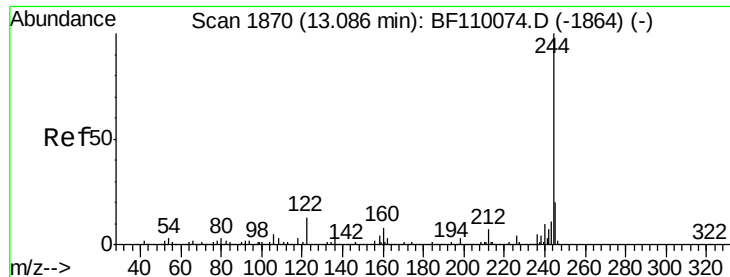
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	24.6	21.2	31.8



#78
Pyrene
Concen: 2.667 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	19.3	14.2	21.4





#79

Terphenyl-d14

Concen: 64.670 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

Instrument :

BNA_F

ClientSampleId :

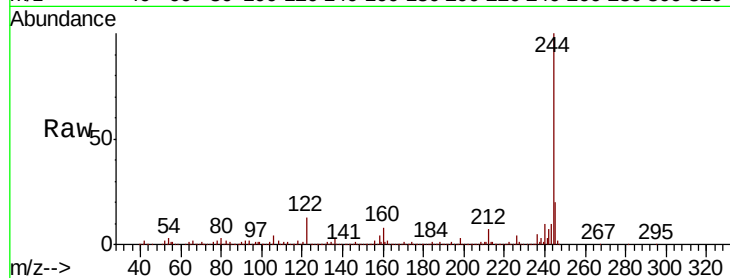
Tot Ion:244 Resp: 708495

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

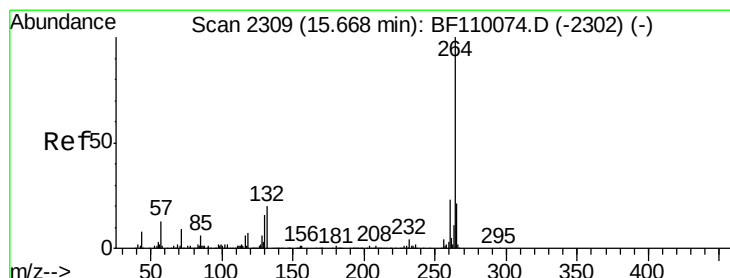
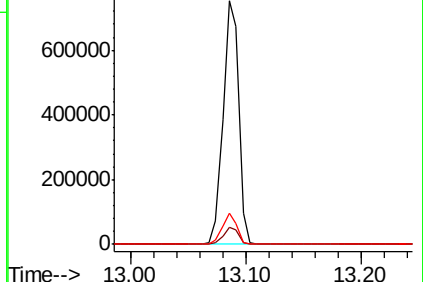
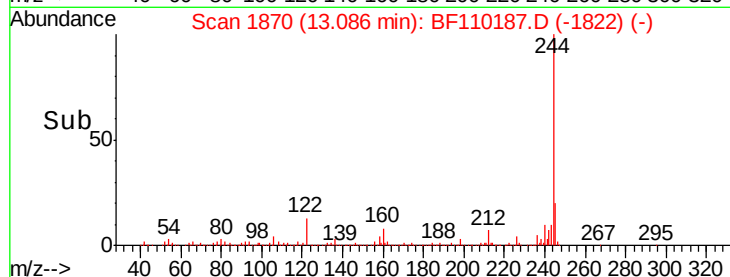
122 12.8 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110187.D

Acq: 26 Oct 2018 3:29

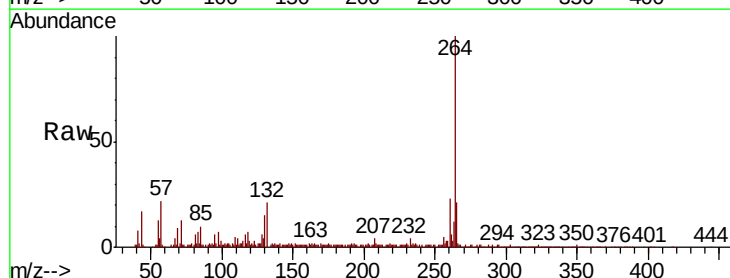
Tgt Ion:264 Resp: 175860

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

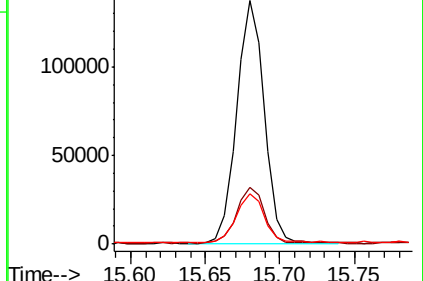
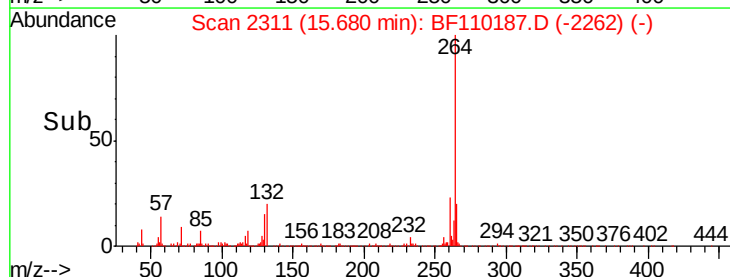
265 20.6 16.7 25.1

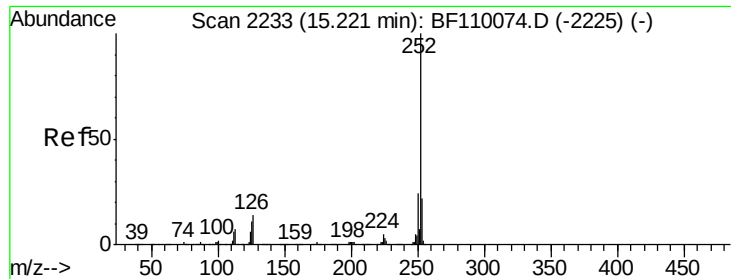


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

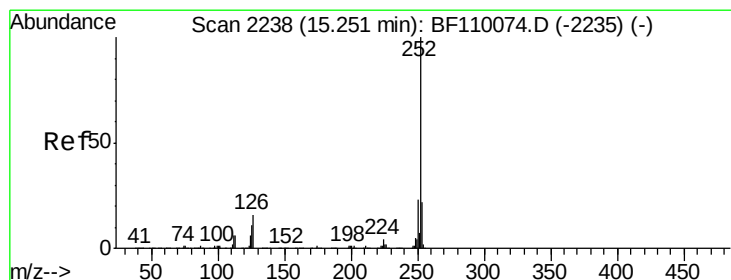
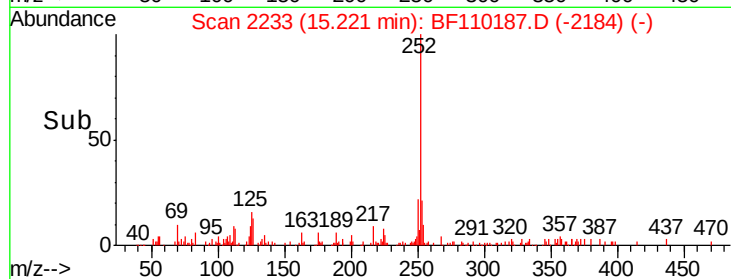
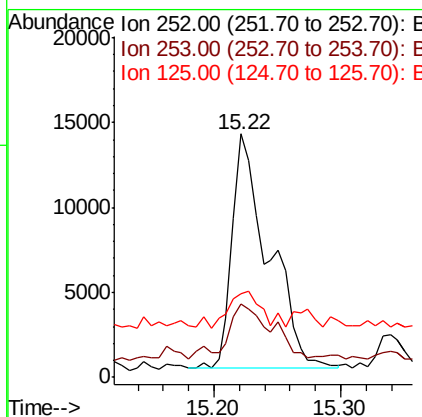
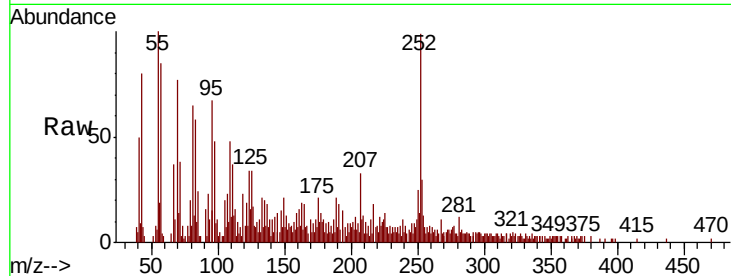




#88
Benzo(b)fluoranthene
Concen: 2.684 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.2	25.8#
125	34.3	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 2.730 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF110187.D
Acq: 26 Oct 2018 3:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.2	25.8#
125	34.3	7.4	11.0#

