

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102085.D
 Acq On : 16 Jan 2018 1:20
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 02:09:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

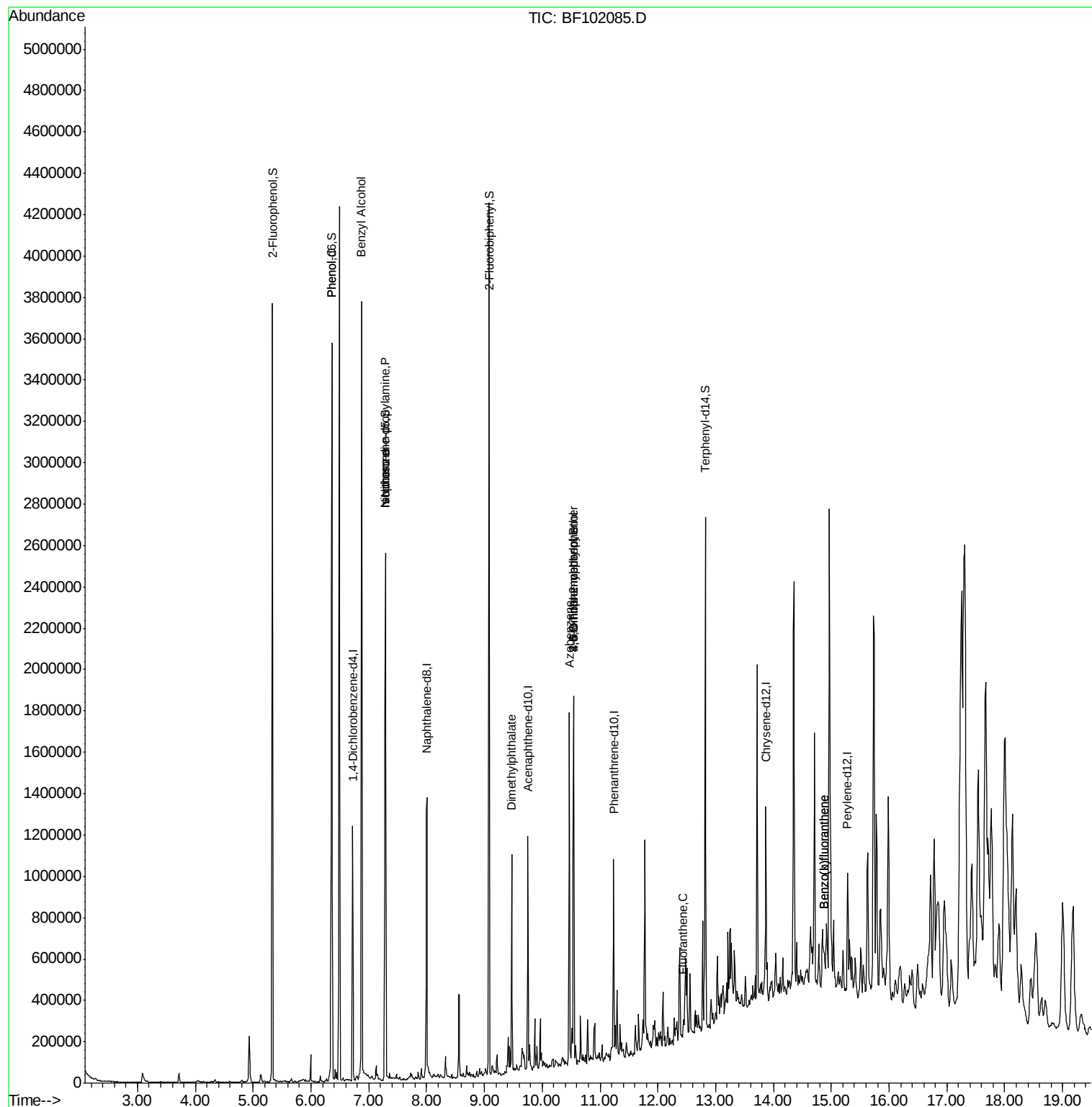
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170245	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	622716	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220758	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	297588	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	297864	20.00	ng	-0.01
86) Perylene-d12	15.28	264	260025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1208394	100.23	ng	0.00
7) Phenol-d6	6.36	99	1378818	95.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	876309	82.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	198939	103.26	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1273519	90.13	ng	-0.01
78) Terphenyl-d14	12.82	244	795193	55.43	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	65860	4.051	ng	84
15) Benzyl Alcohol	6.87	79	32503	3.089	ng	# 27
19) n-Nitroso-di-n-propylamine	7.29	70	118985	12.622	ng	# 81
25) Isophorone	7.29	82	873257	41.706	ng	# 64
49) Dimethylphthalate	9.47	163	359869	20.321	ng	100
62) Azobenzene	10.47	77	275168	15.700	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	341	5.848	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13127	4.177	ng	# 1
74) Fluoranthene	12.44	202	37044	2.166	ng	96
87) Benzo(b)fluoranthene	14.88	252	40275	2.375	ng	# 63
88) Benzo(k)fluoranthene	14.88	252	40275	2.462	ng	# 66

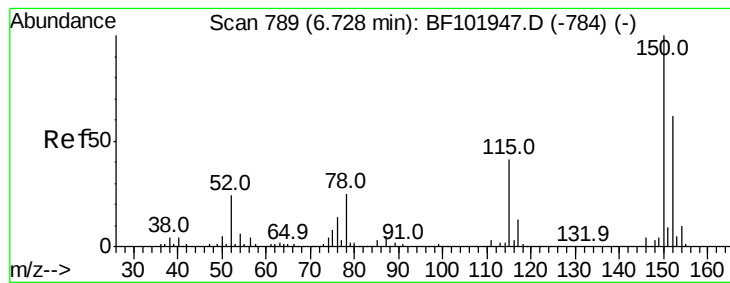
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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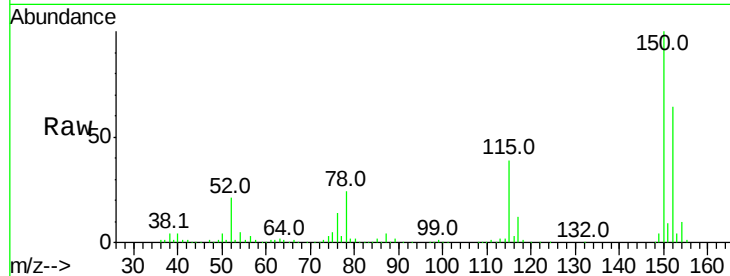


#1

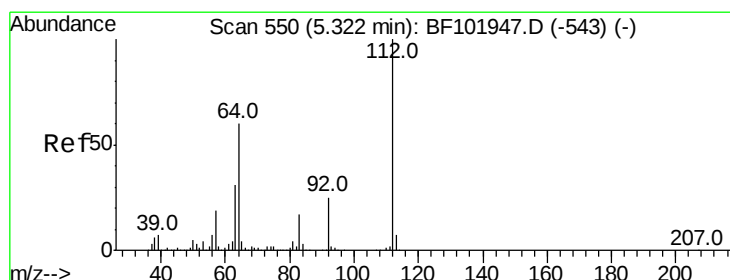
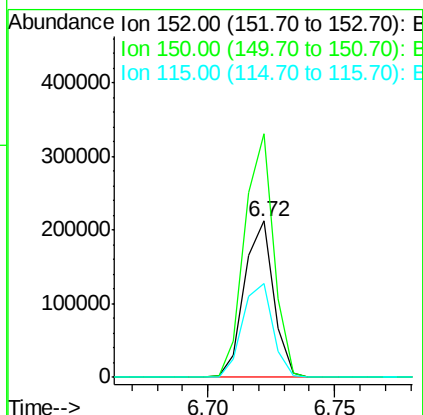
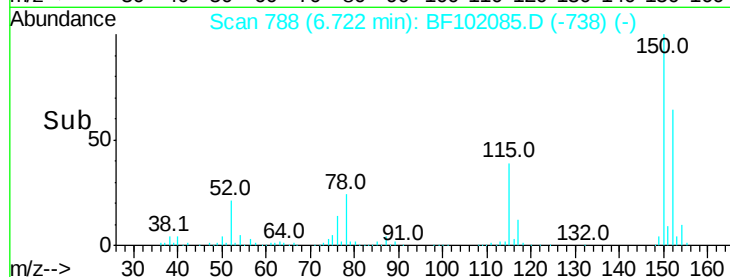
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 170245
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.3 50.1 75.1



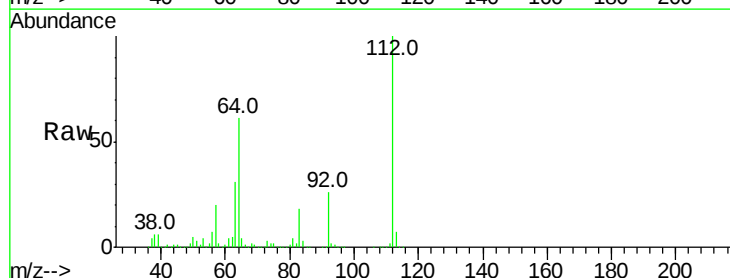
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



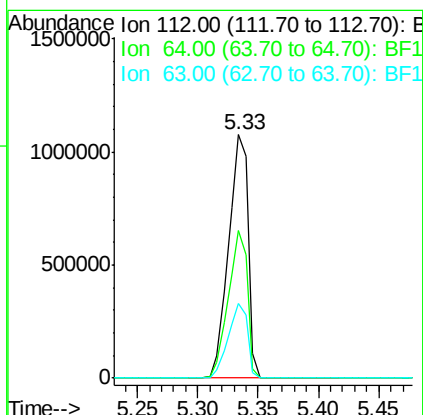
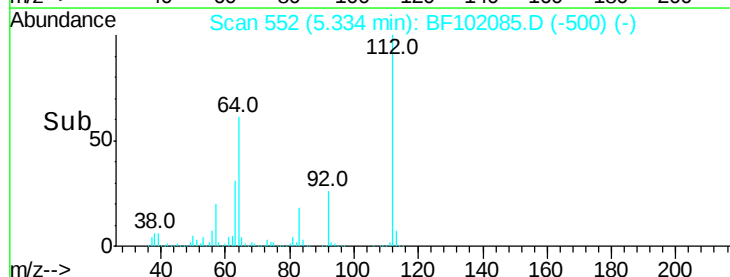
#5

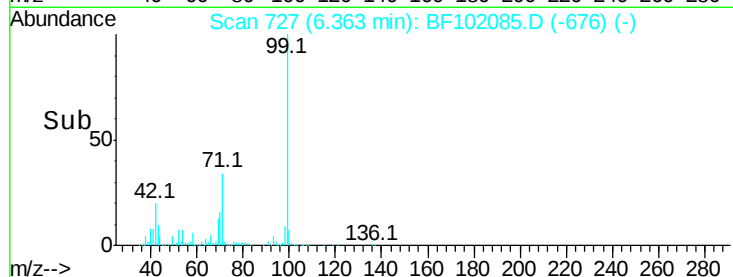
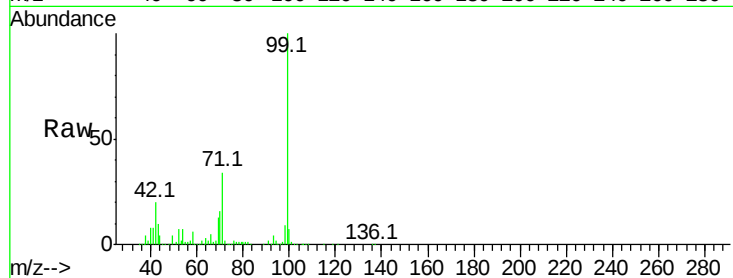
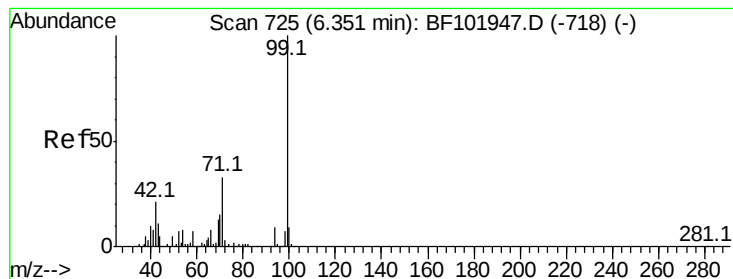
2-Fluorophenol
Concen: 100.229 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:112 Resp: 1208394
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.9 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: 95.855 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

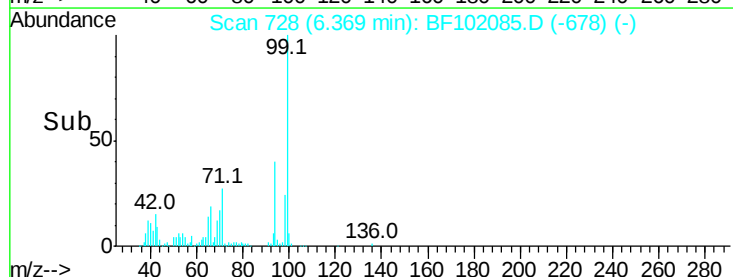
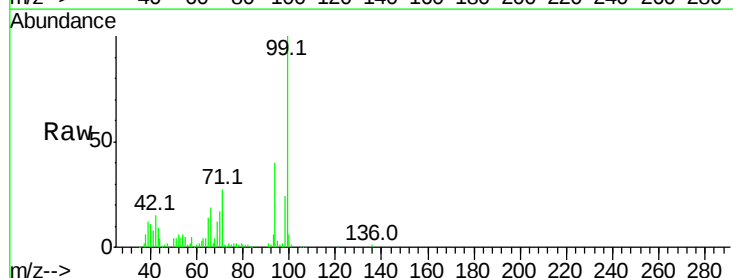
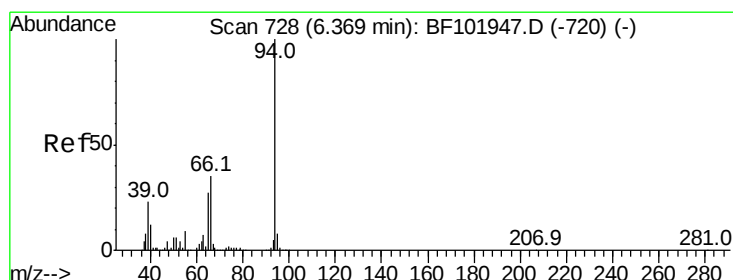
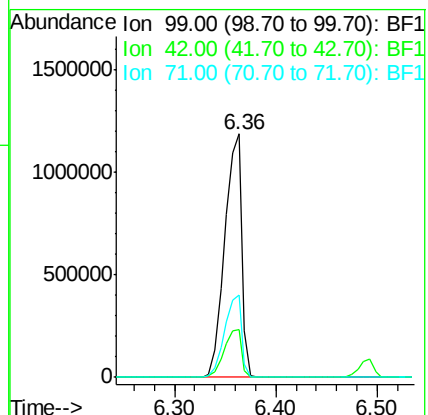
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1378818

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.0	25.4	38.0



#10

Phenol

Concen: 4.051 ng

RT: 6.37 min Scan# 728

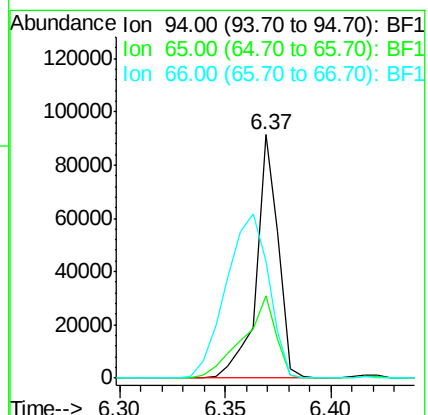
Delta R.T. -0.01 min

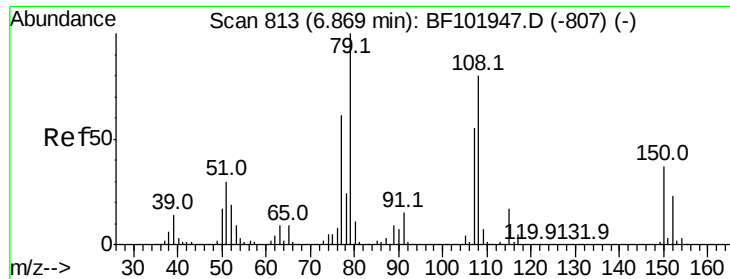
Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Tgt Ion: 94 Resp: 65860

Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	48.0	16.2	56.2





#15

Benzyl Alcohol

Concen: 3.089 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampled :

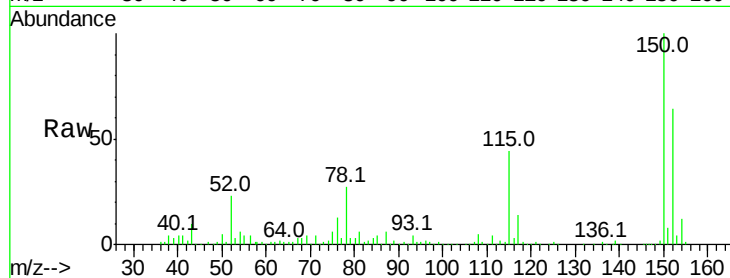
Tot Ion: 79 Resp: 32503

Ion Ratio Lower Upper

79 100

108 164.5 65.1 97.7#

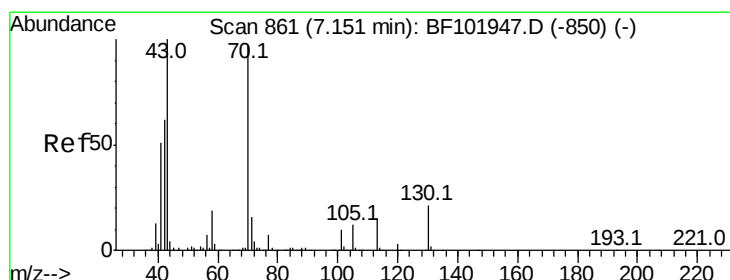
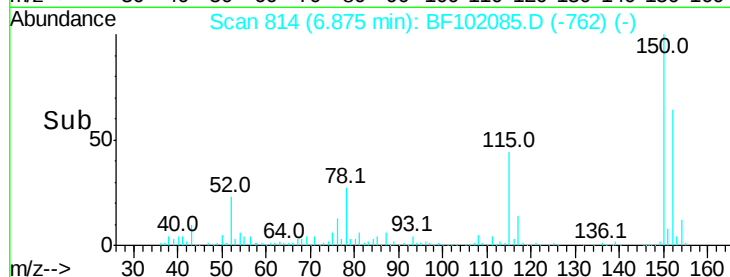
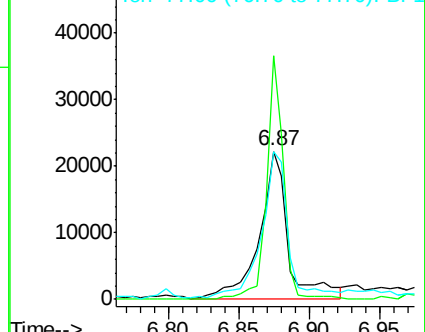
77 100.2 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.622 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Tgt Ion: 70 Resp: 118985

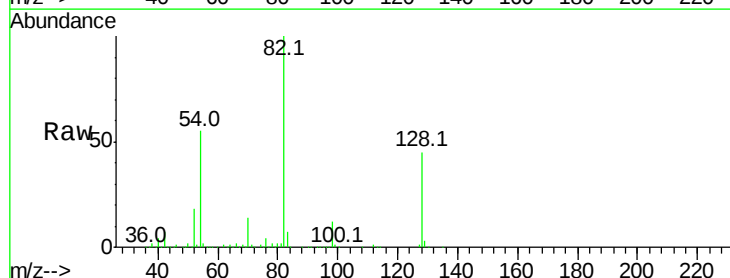
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

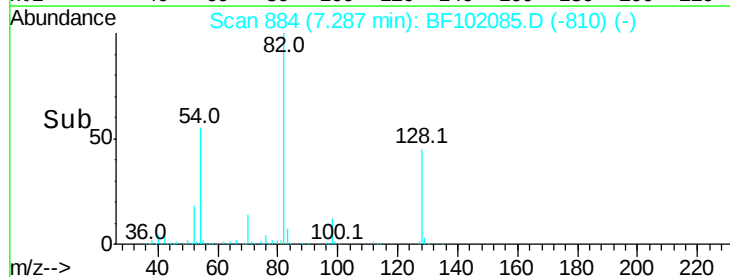
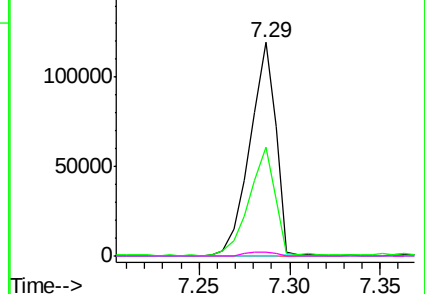


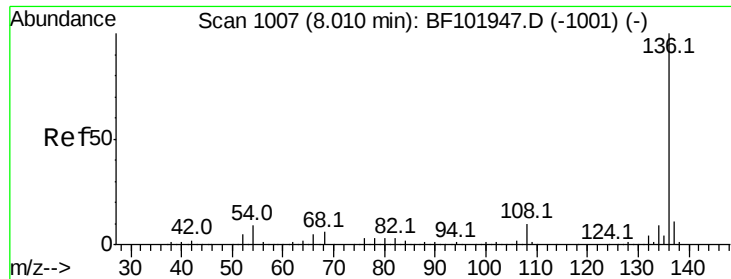
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

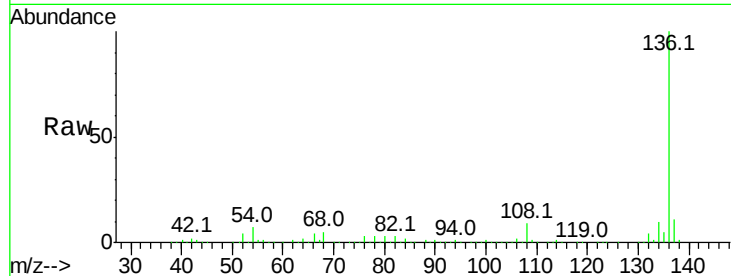




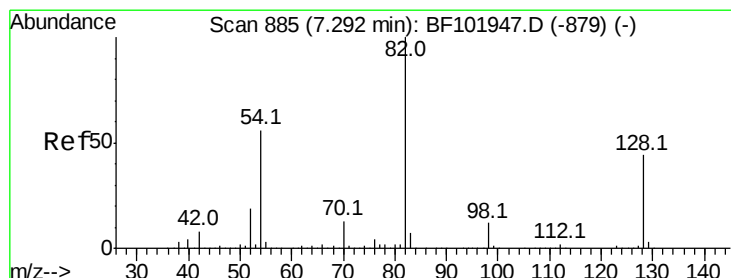
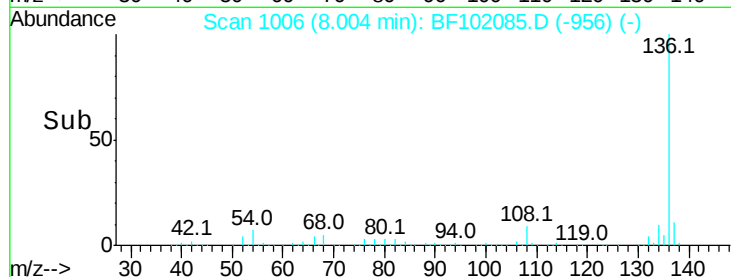
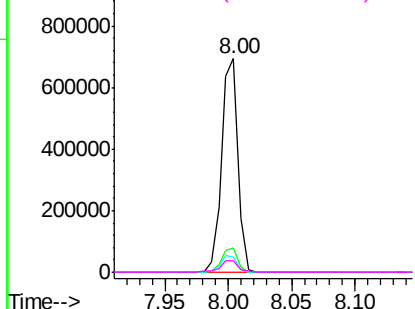
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	622716
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	5.3	5.0	7.4

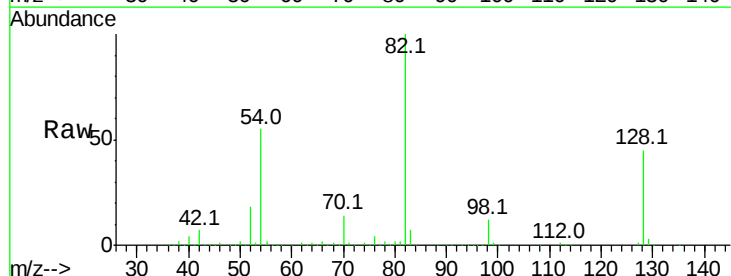


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

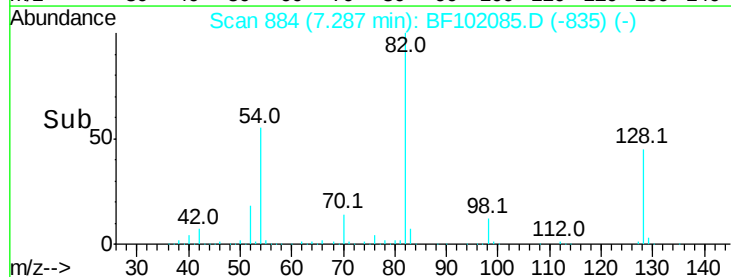
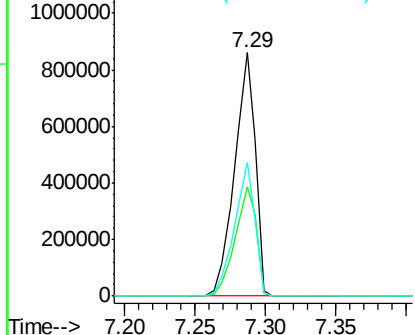


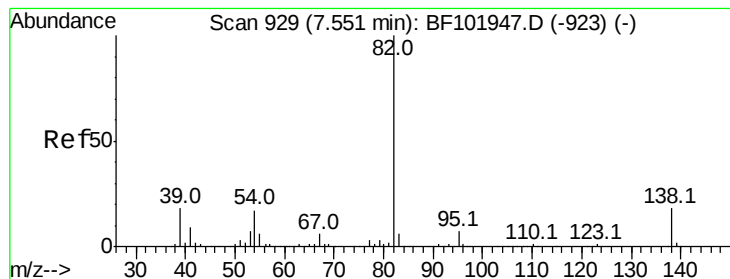
#23
Nitrobenzene-d5
Concen: 82.695 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:	82	Resp:	876309
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.9	41.4	62.2



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





#25

Isophorone

Concen: 41.706 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampled :

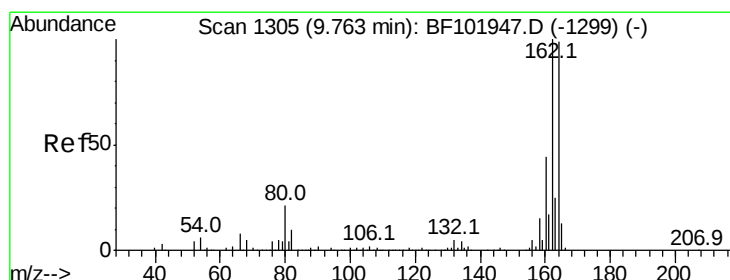
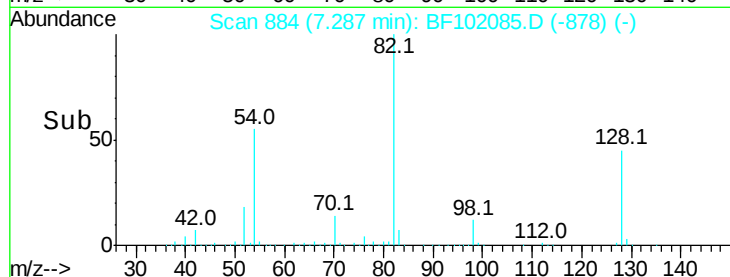
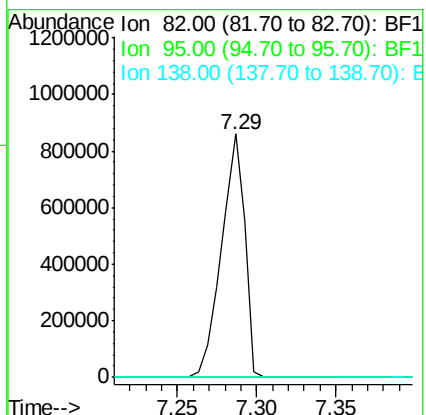
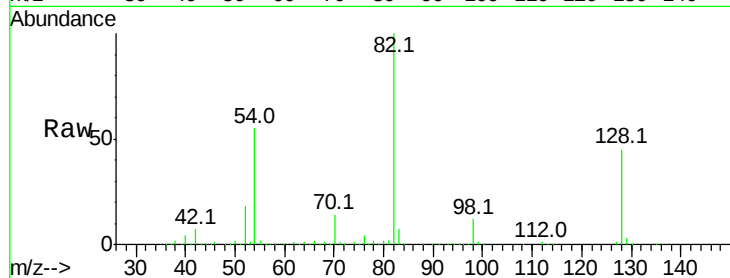
Tot Ion: 82 Resp: 873257

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

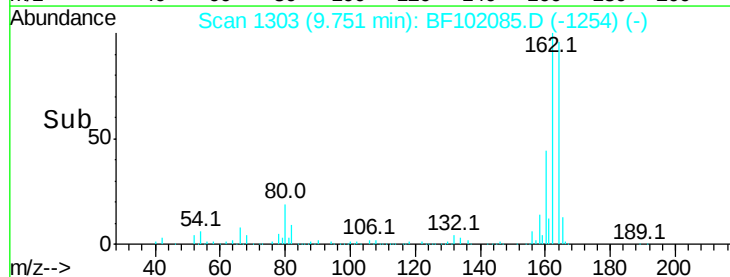
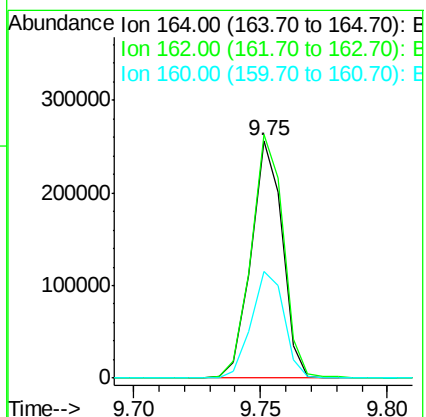
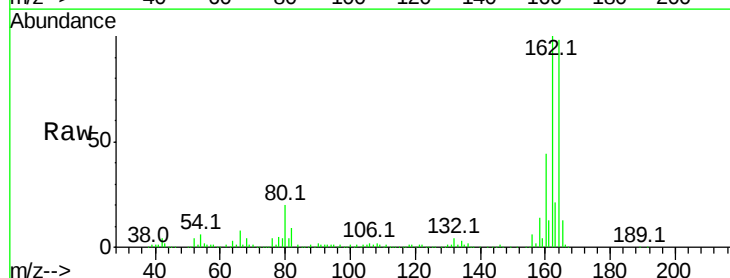
Tgt Ion:164 Resp: 220758

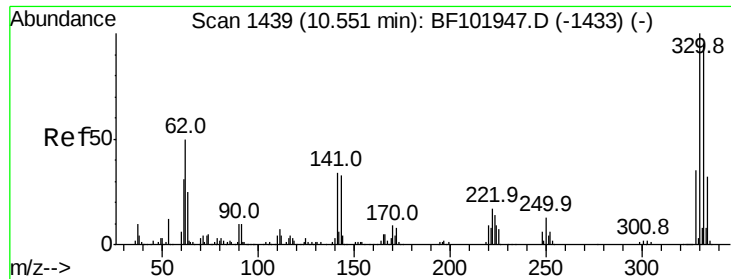
Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 44.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 103.263 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampleId :

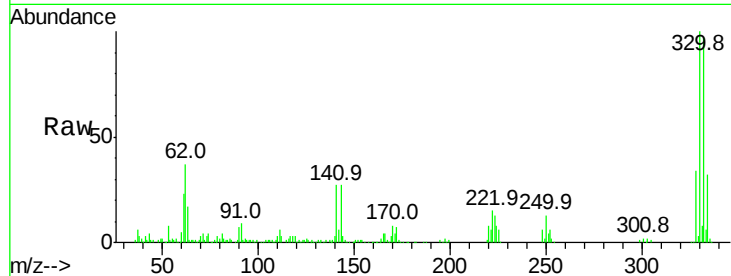
Tot Ion:330 Resp: 198939

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

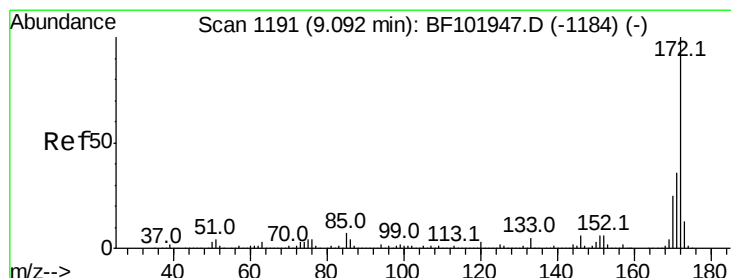
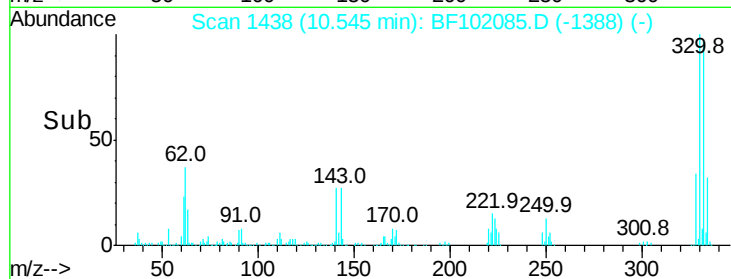
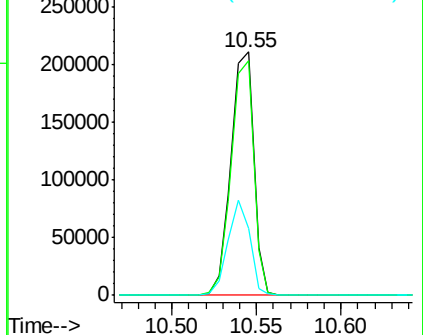
141 38.2 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 90.125 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

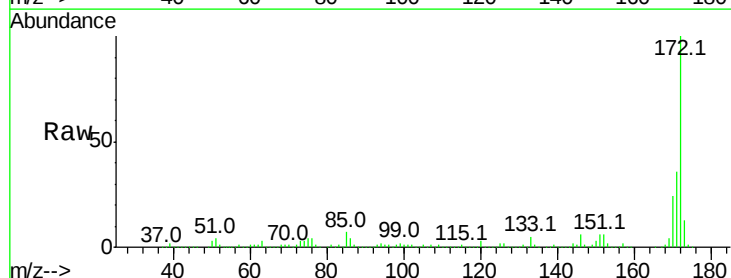
Tgt Ion:172 Resp: 1273519

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

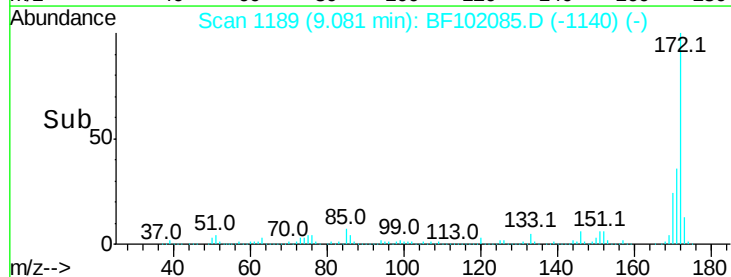
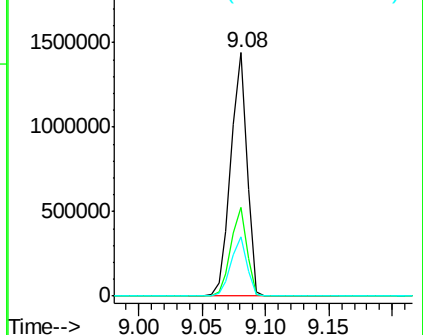
170 24.5 19.6 29.4

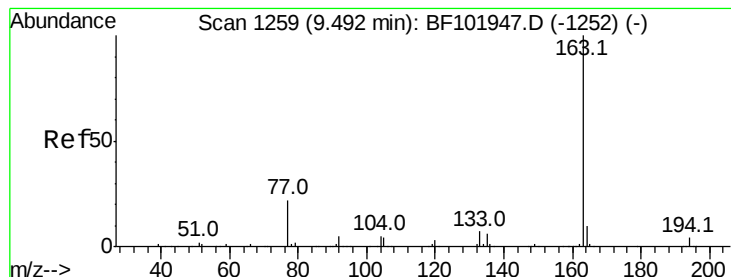


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 20.321 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampleId :

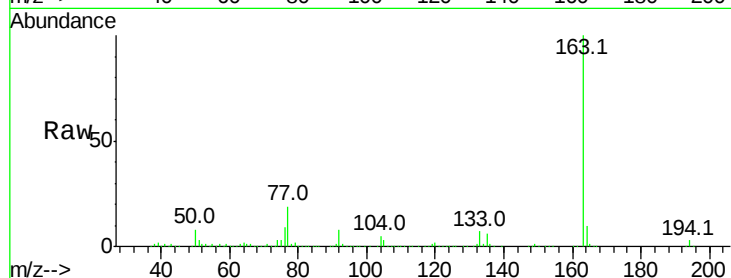
Tot Ion:163 Resp: 359869

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

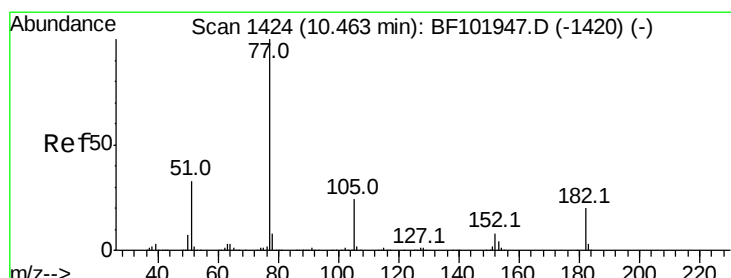
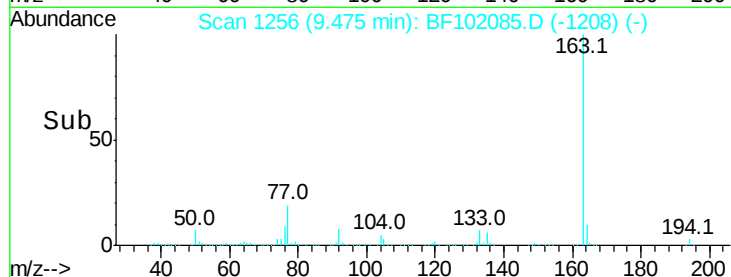
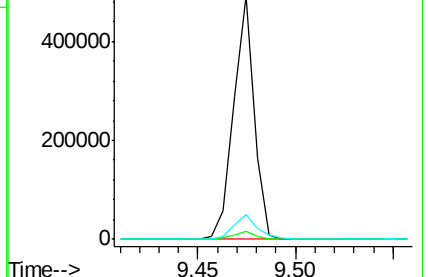
164 10.1 8.2 12.2



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



#62

Azobenzene

Concen: 15.700 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Tgt Ion: 77 Resp: 275168

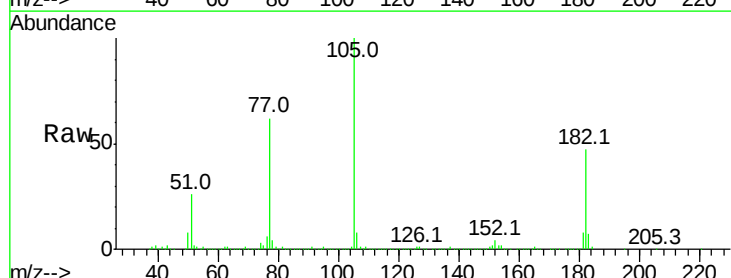
Ion Ratio Lower Upper

77 100

182 76.0 1.7 41.7#

105 160.8 3.0 43.0#

51 42.1 9.9 49.9

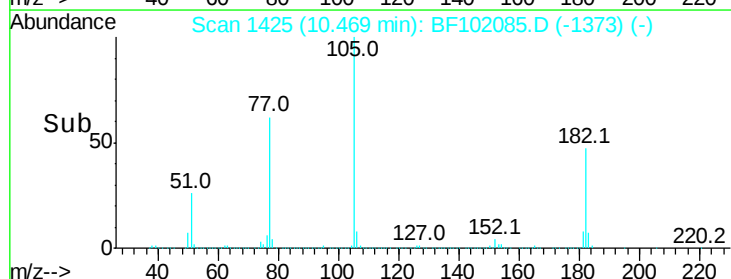
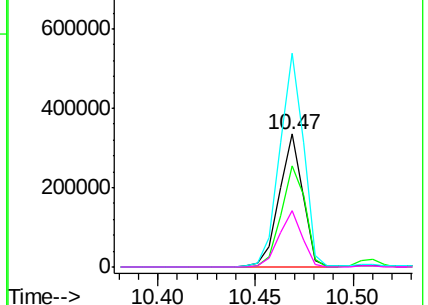


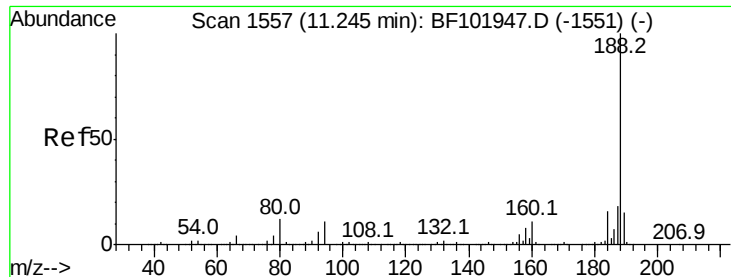
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

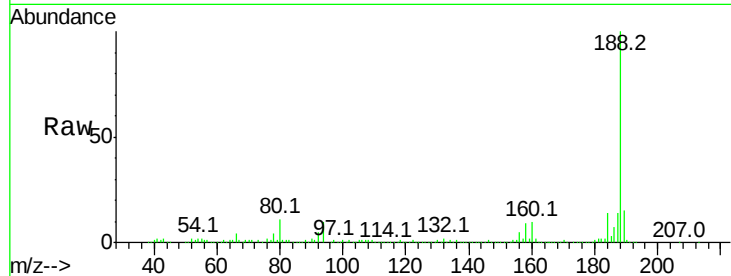




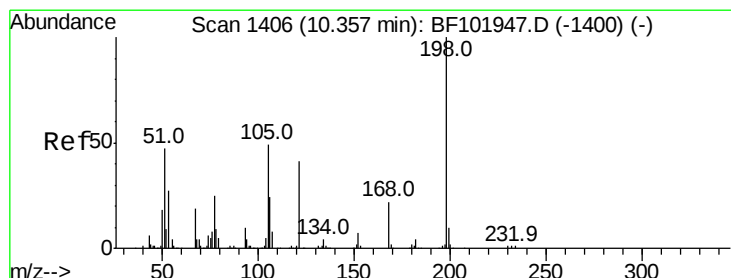
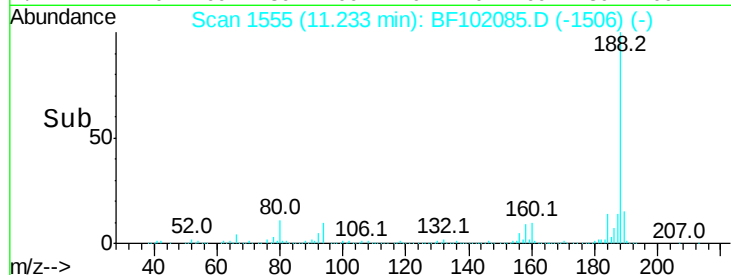
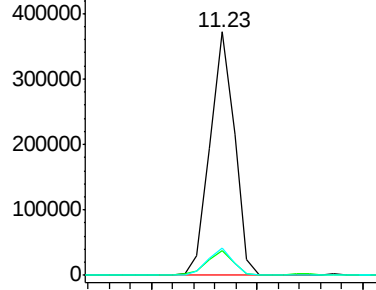
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 297588
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8

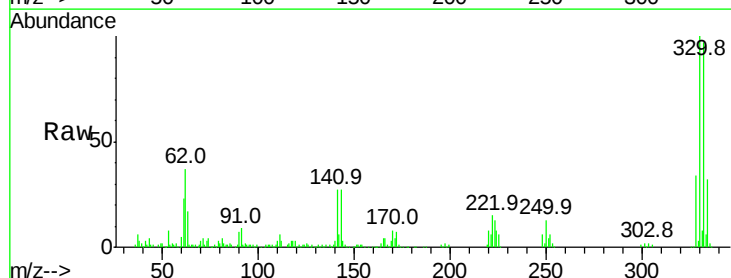


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

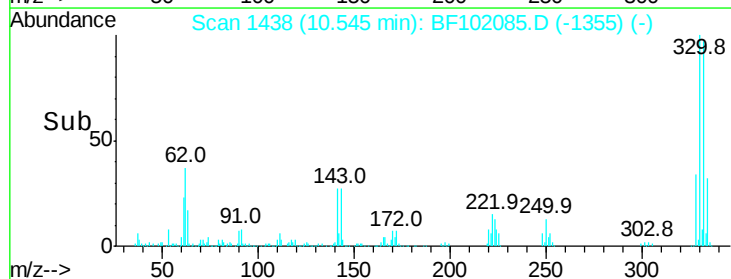
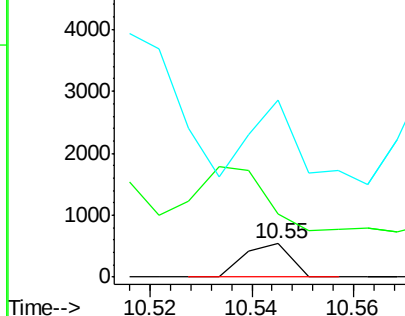


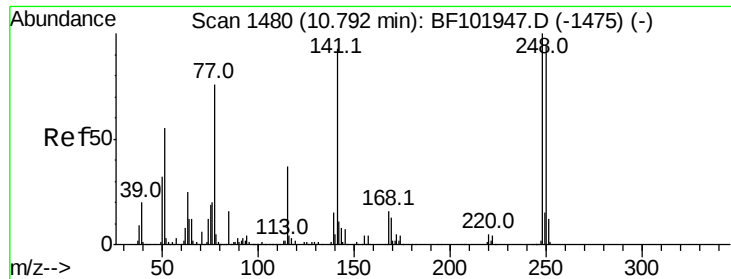
#64
4,6-Dinitro-2-methylphenol
Concen: 5.848 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:198 Resp: 341
Ion Ratio Lower Upper
198 100
51 189.5 37.7 77.7#
105 526.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

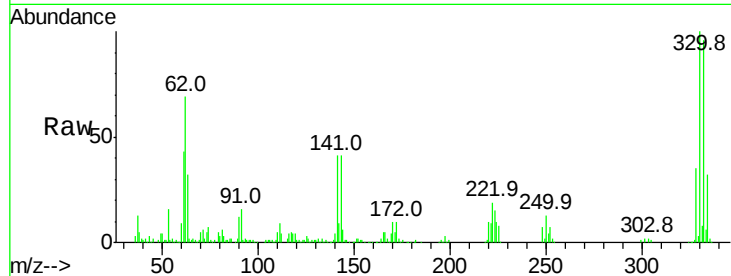




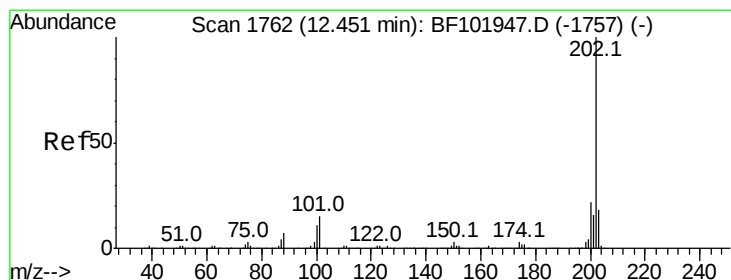
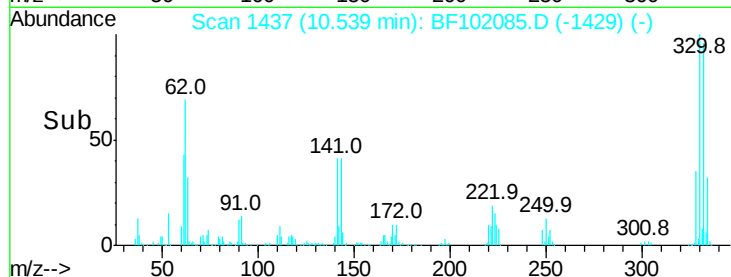
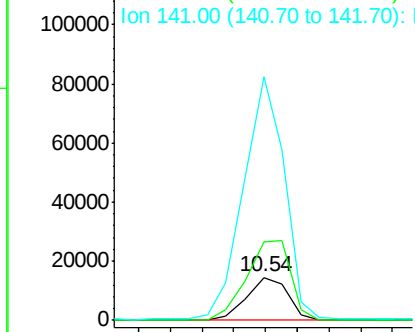
#66
4-Bromophenyl-phenylether
Concen: 4.177 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13127
Ion Ratio Lower Upper
248 100
250 181.5 76.9 115.3#
141 562.9 74.4 111.6#

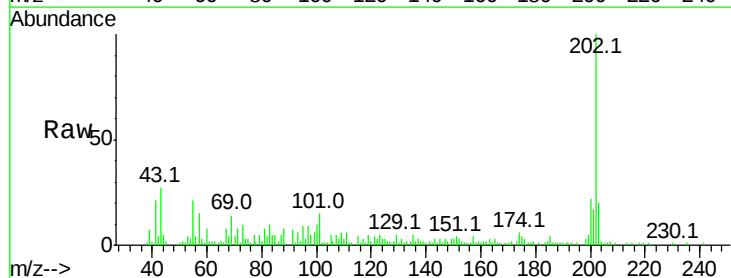


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

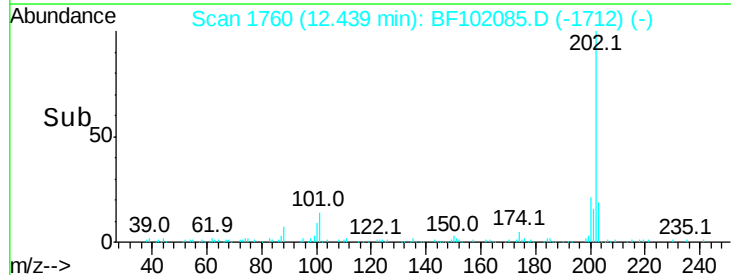
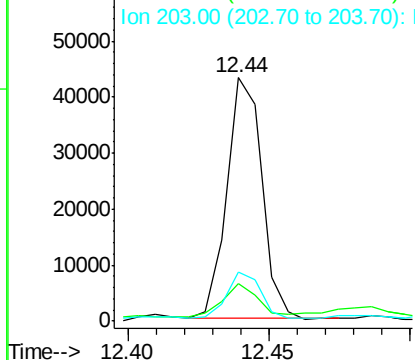


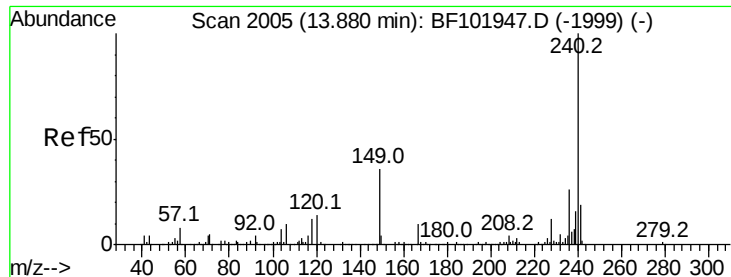
#74
Fluoranthene
Concen: 2.166 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:202 Resp: 37044
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.1
203 20.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampled :

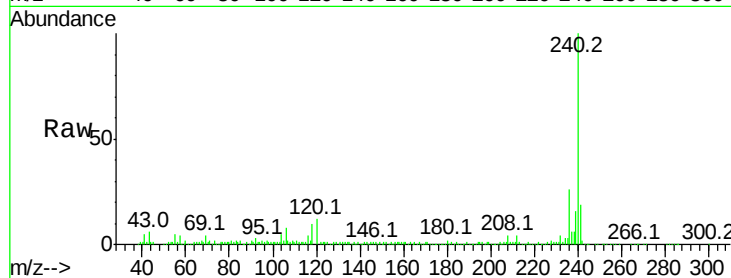
Tot Ion:240 Resp: 297864

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

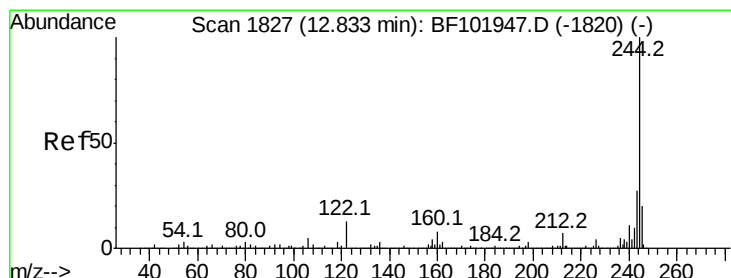
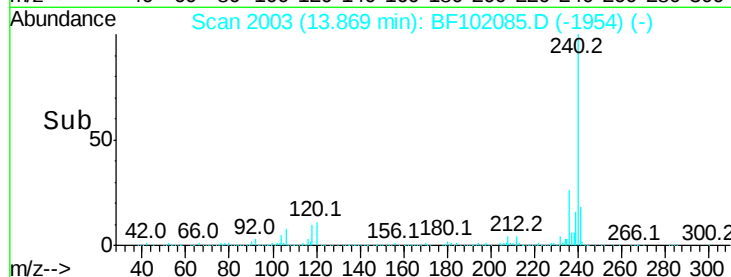
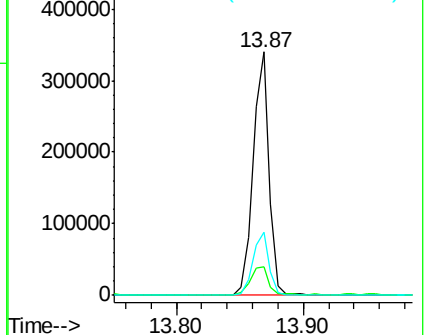
236 25.8 20.7 31.1



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

Terphenyl-d14

Concen: 55.429 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

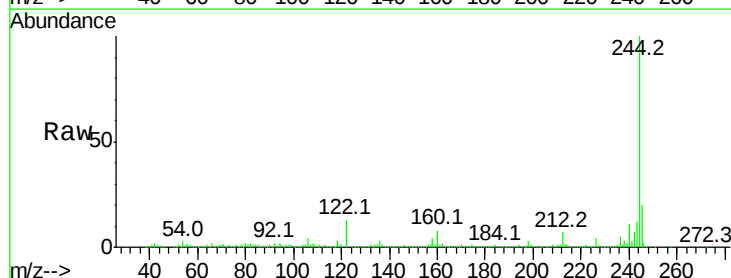
Tgt Ion:244 Resp: 795193

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

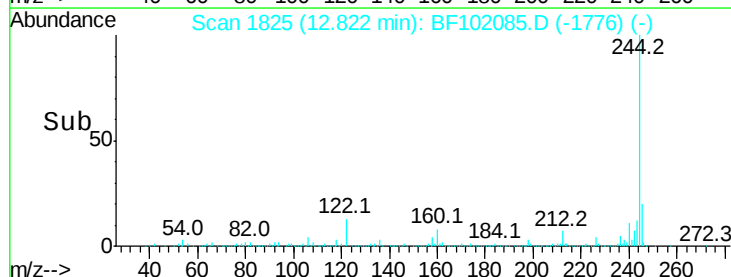
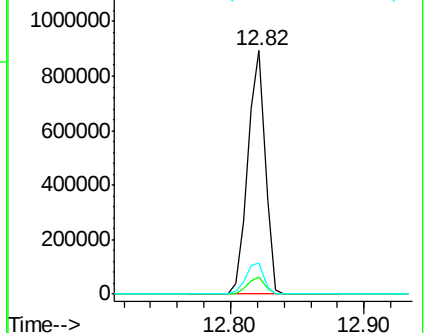
122 12.9 11.0 16.4

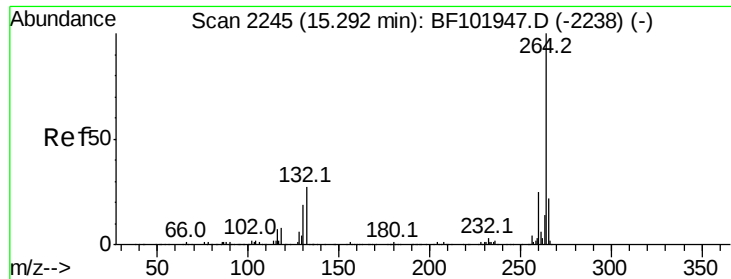


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

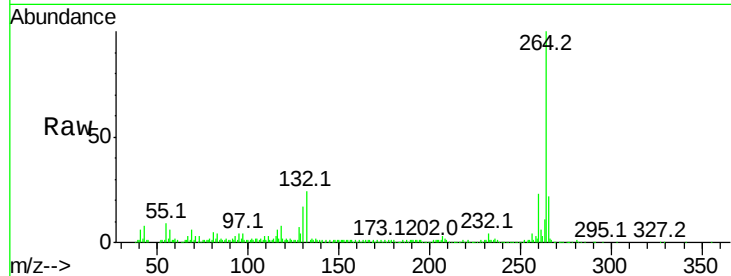




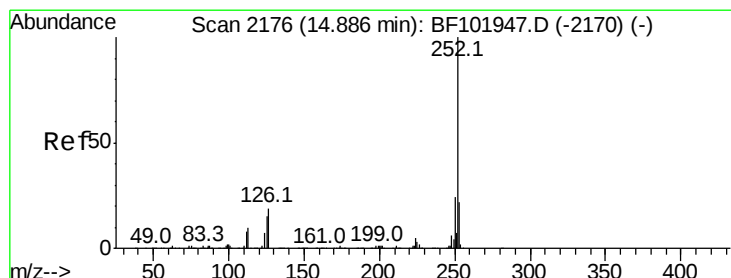
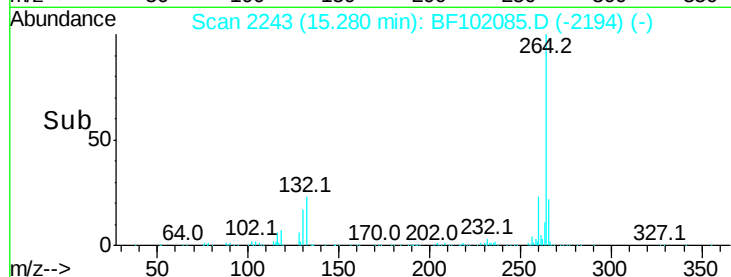
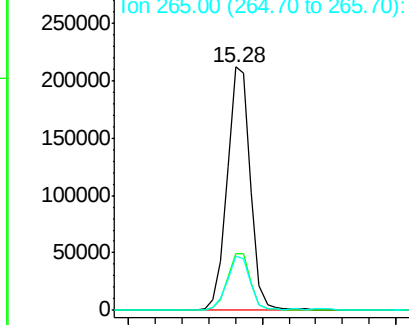
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	17.5	26.3

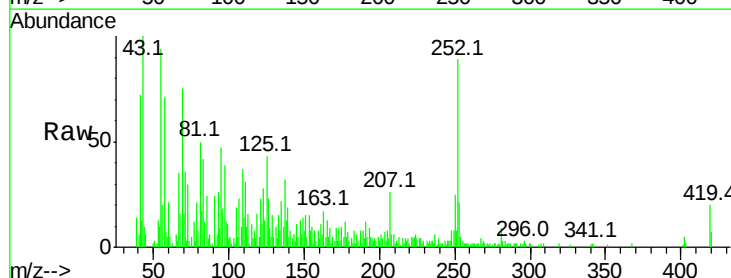


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

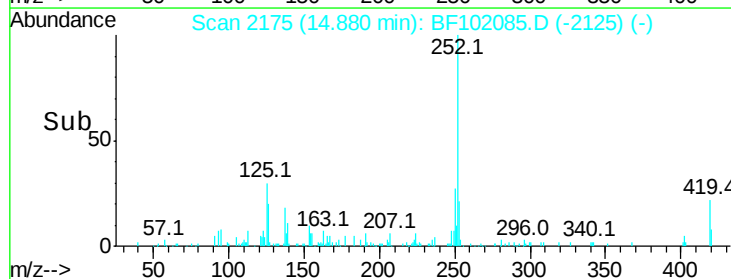
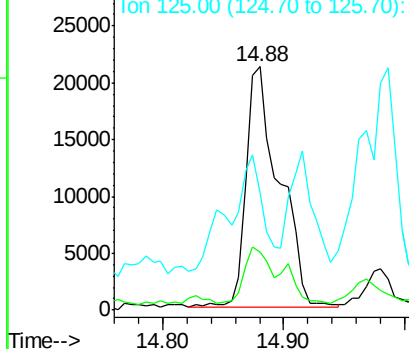


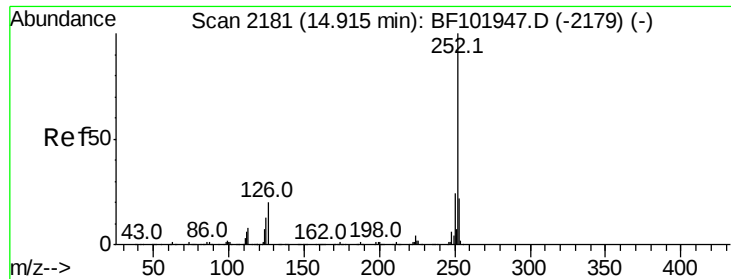
#87
Benzo(b)fluoranthene
Concen: 2.375 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	48.2	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





#88

Benzo(k)fluoranthene

Concen: 2.462 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampleId :

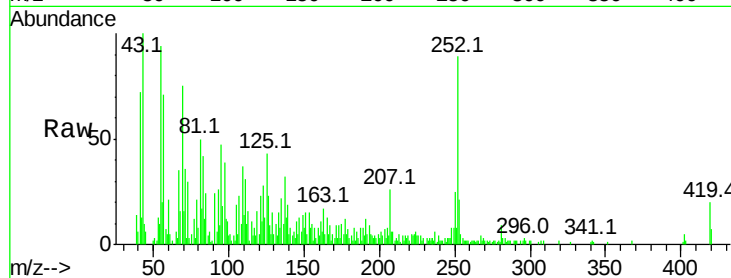
Tot Ion:252 Resp: 40275

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 48.2 10.2 15.2#



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

