

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102285.D
 Acq On : 21 Jan 2018 2:10
 Operator : SJ/JU
 Sample : J1230-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:27:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

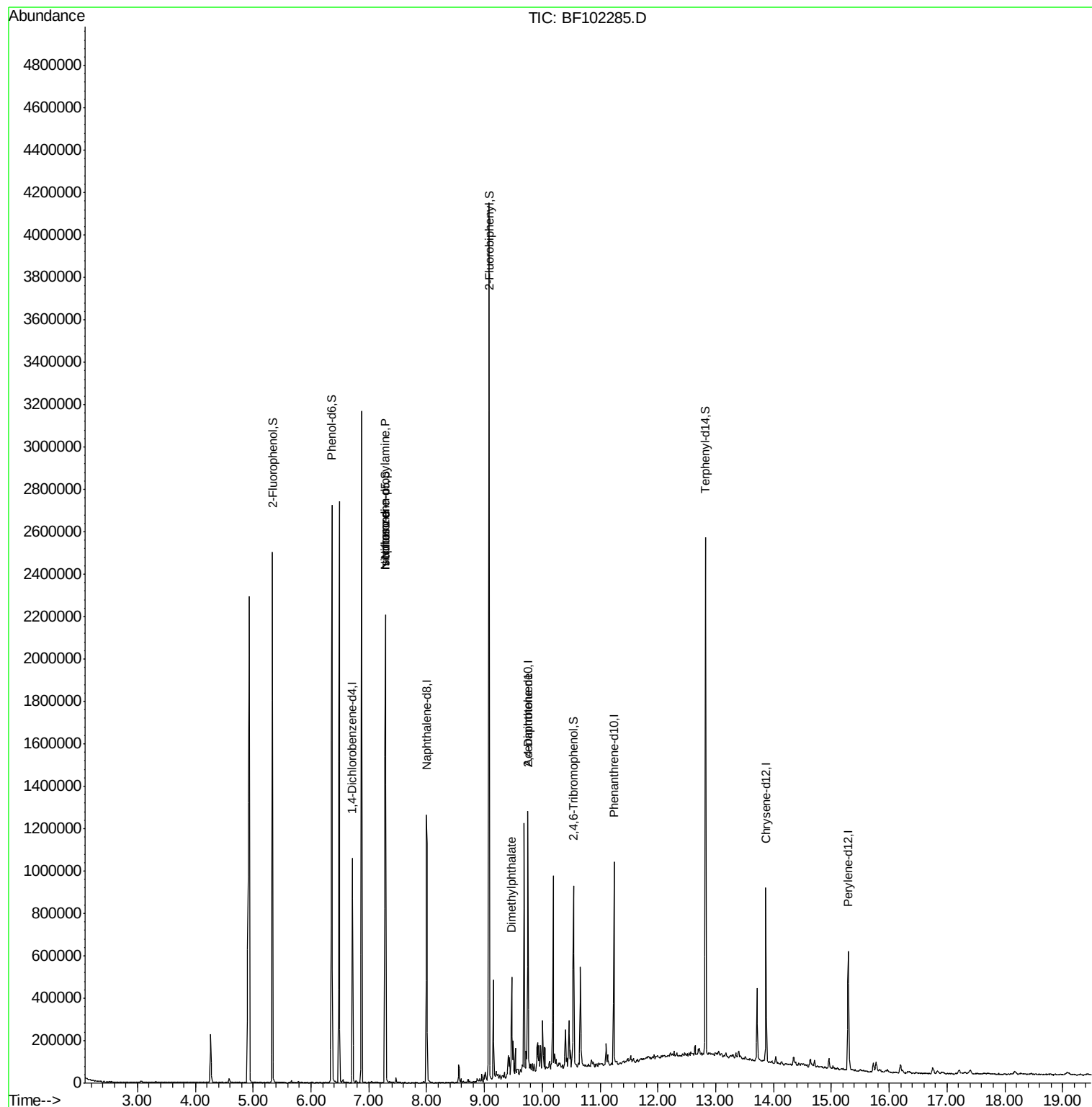
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151089	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597108	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	242292	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	342206	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276155	20.00	ng	0.00
86) Perylene-d12	15.29	264	225789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	687786	64.28	ng	0.00
7) Phenol-d6	6.36	99	1027876	80.52	ng	0.00
23) Nitrobenzene-d5	7.29	82	768152	75.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	90722	42.91	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1292869	83.36	ng	0.00
78) Terphenyl-d14	12.82	244	887593	66.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	103674	12.392	ng	# 78
25) Isophorone	7.29	82	768139	38.259	ng	# 64
49) Dimethylphthalate	9.47	163	129587	6.667	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32851	6.751	ng	# 23

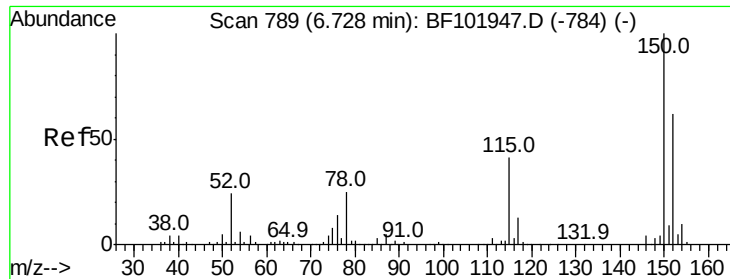
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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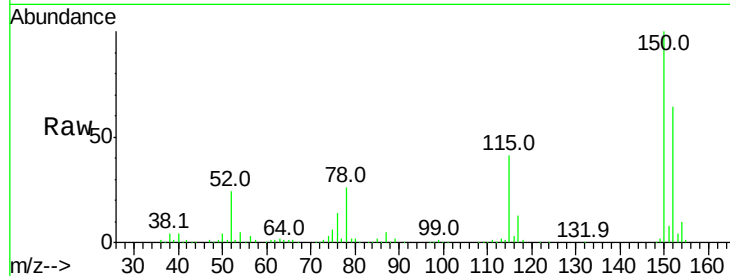


#1

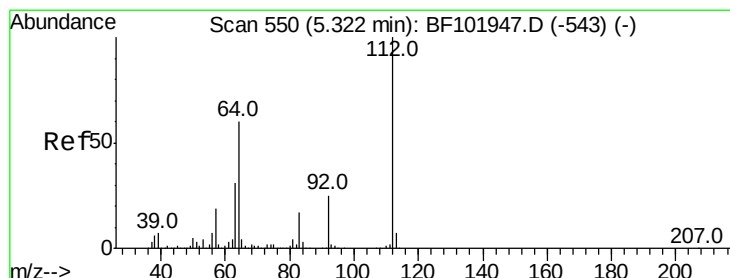
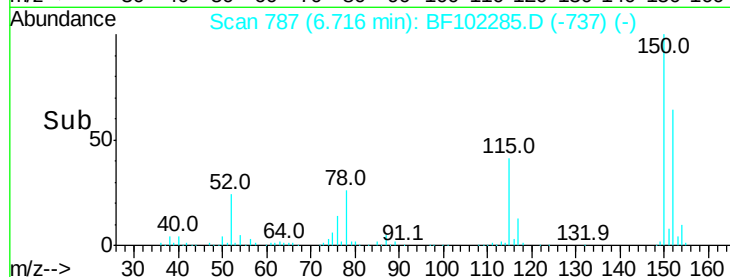
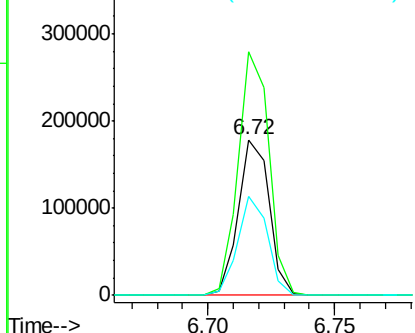
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151089
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 63.7 50.1 75.1



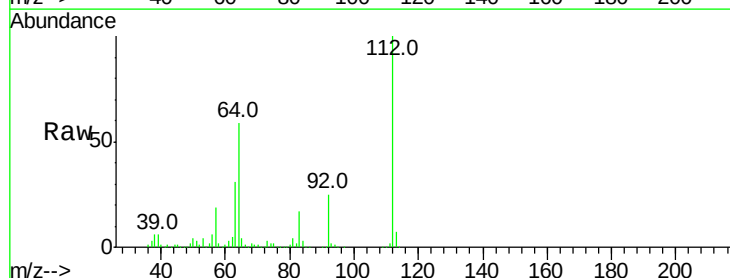
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



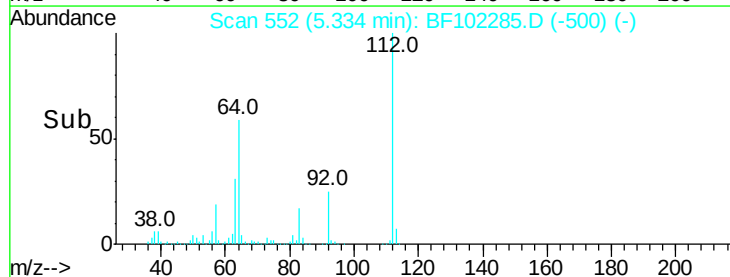
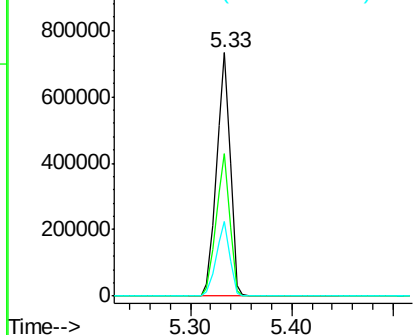
#5

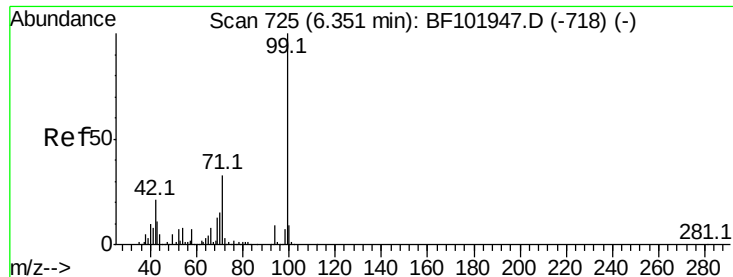
2-Fluorophenol
Concen: 64.281 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Tgt Ion:112 Resp: 687786
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.7 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: 80.517 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

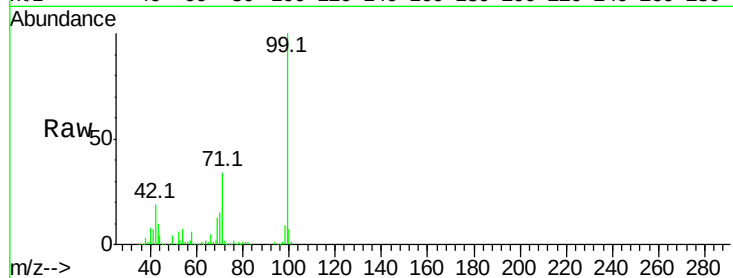
Tot Ion: 99 Resp: 1027876

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

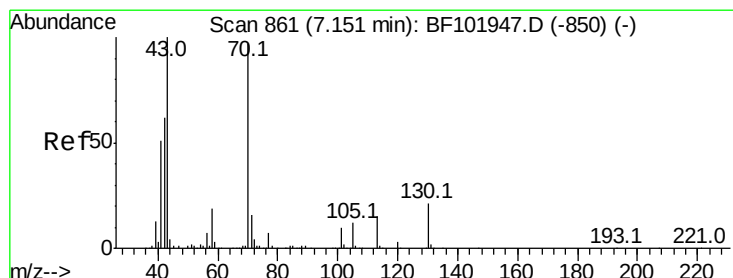
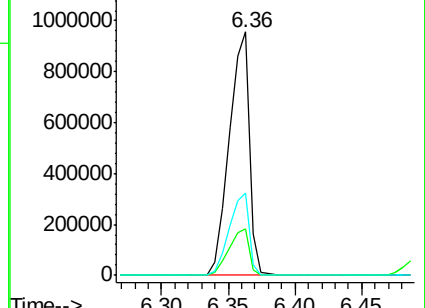
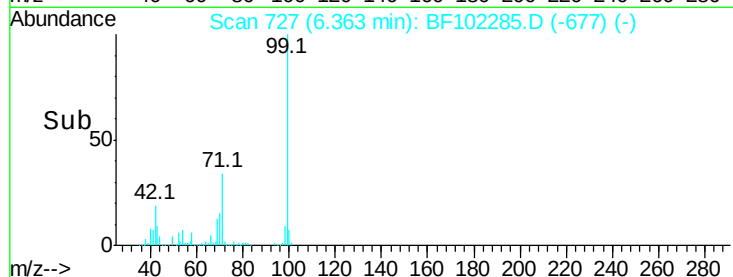
71 34.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.392 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Tgt Ion: 70 Resp: 103674

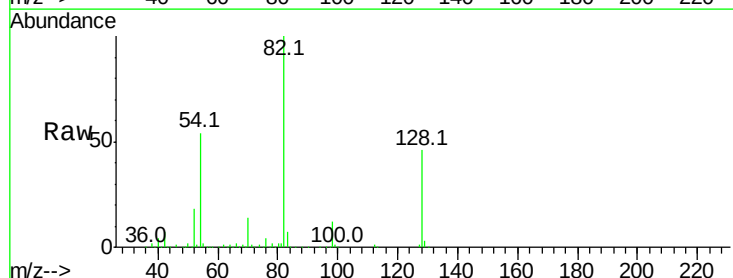
Ion Ratio Lower Upper

70 100

42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

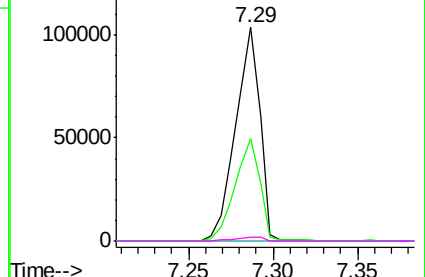
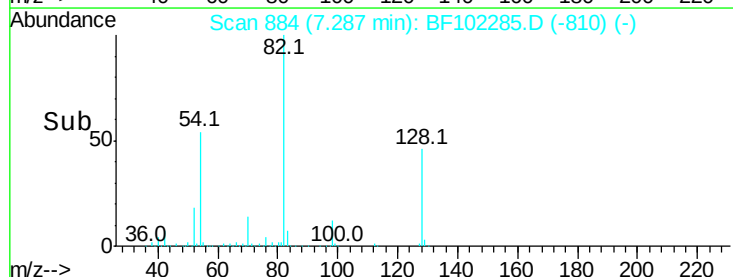


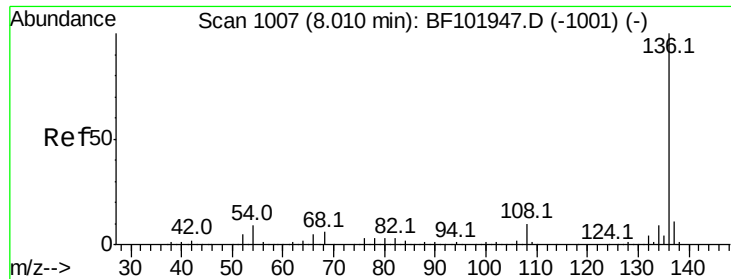
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

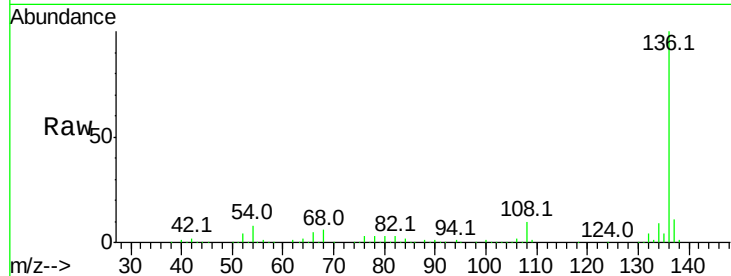




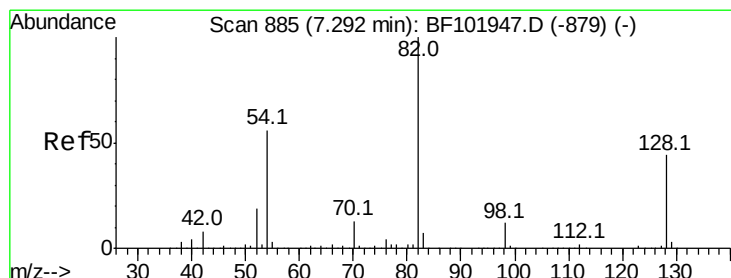
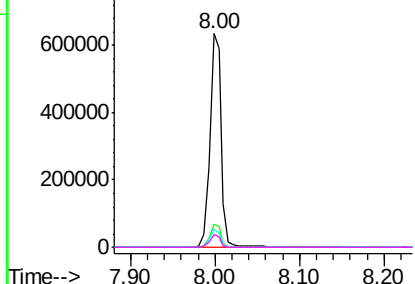
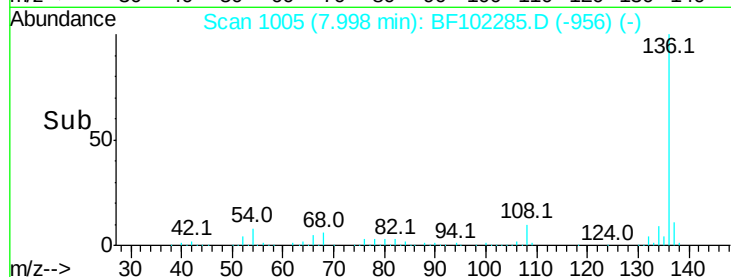
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	597108
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	5.7	5.0	7.4

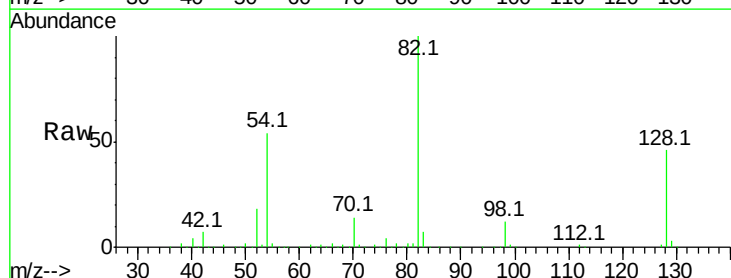


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

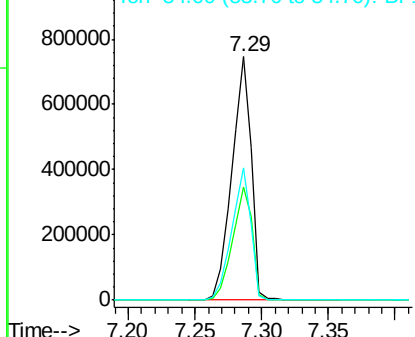
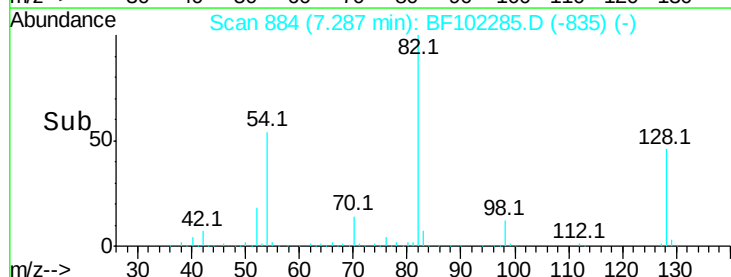


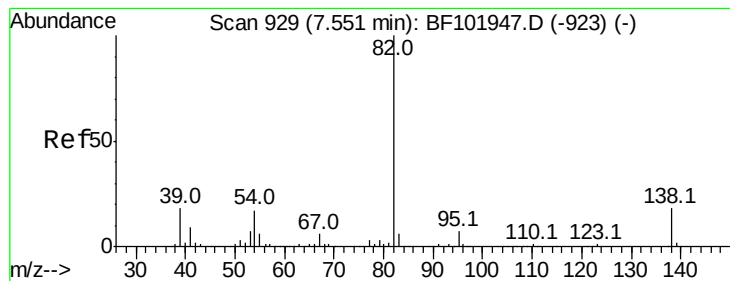
#23
Nitrobenzene-d5
Concen: 75.597 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Tgt Ion:	82	Resp:	768152
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.1	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: 38.259 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

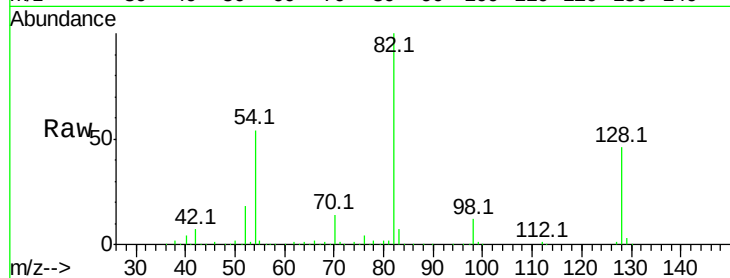
Tot Ion: 82 Resp: 768139

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

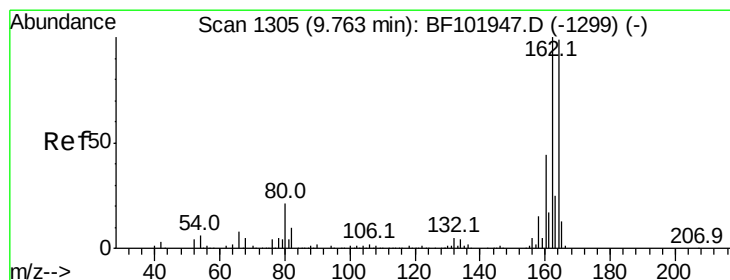
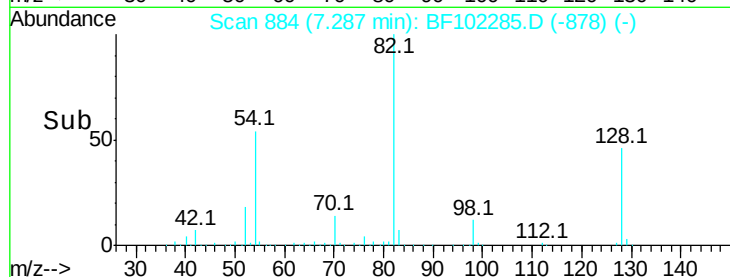
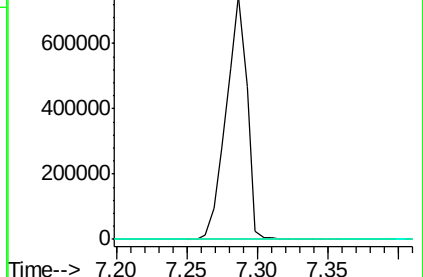
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

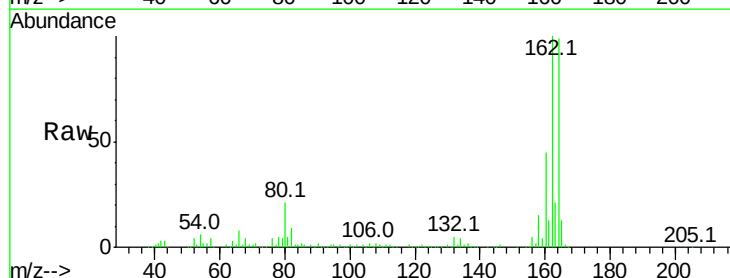
Tgt Ion: 164 Resp: 242292

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

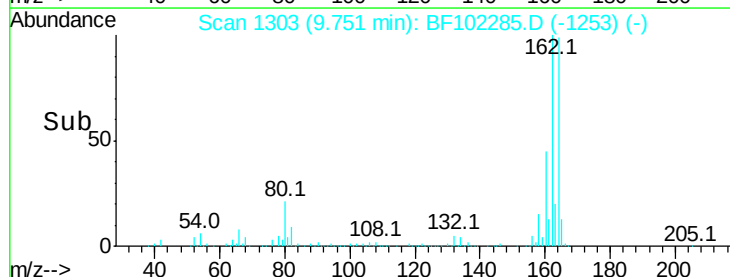
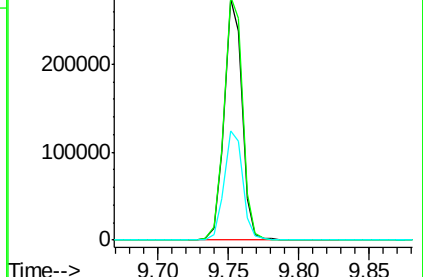
160 45.3 38.3 57.5

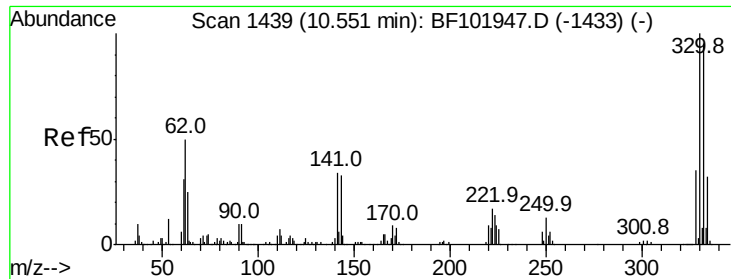


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 42.906 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampled :

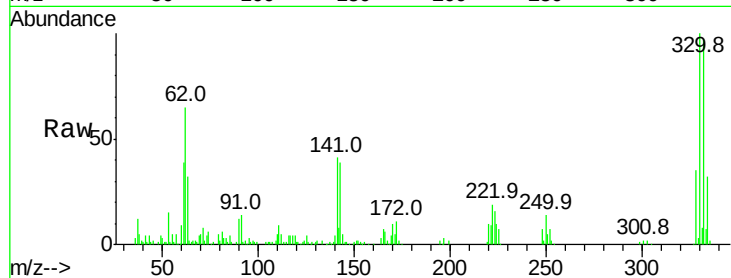
Tot Ion:330 Resp: 90722

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

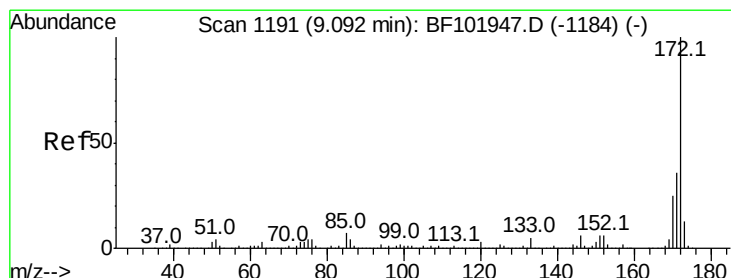
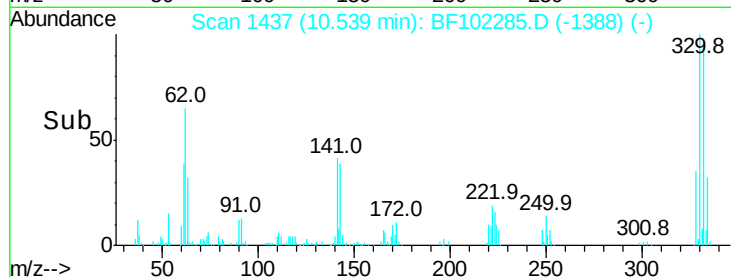
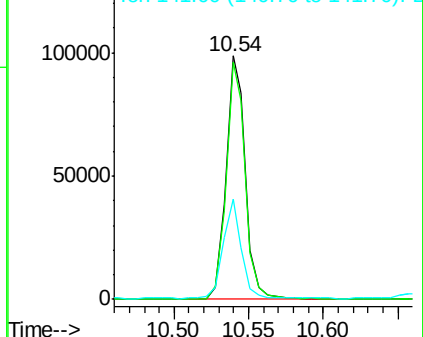
141 39.5 29.9 44.9



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: 83.363 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

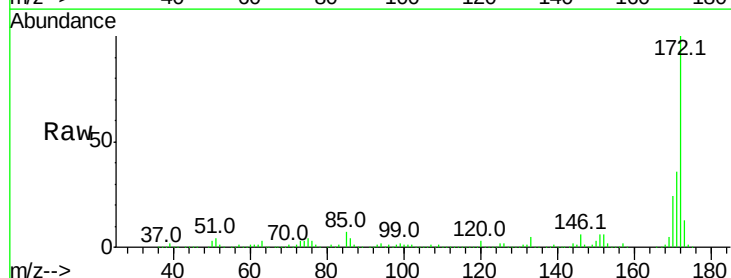
Tgt Ion:172 Resp: 1292869

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

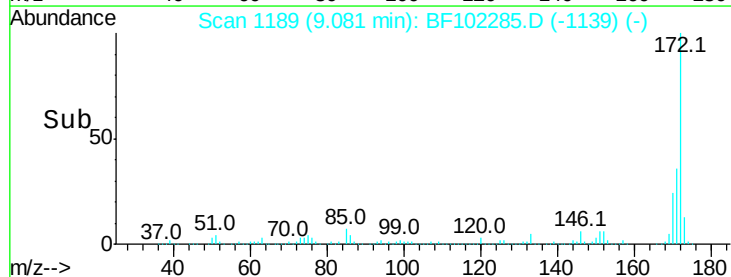
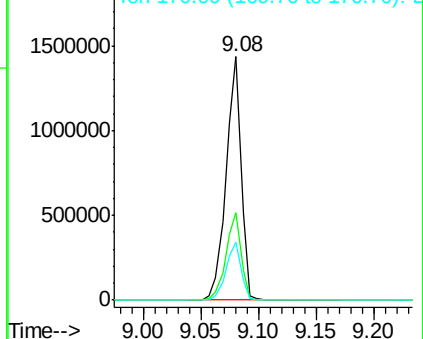
170 23.8 19.6 29.4

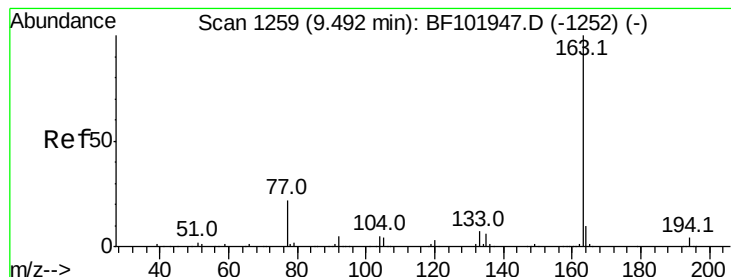


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.667 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampleId :

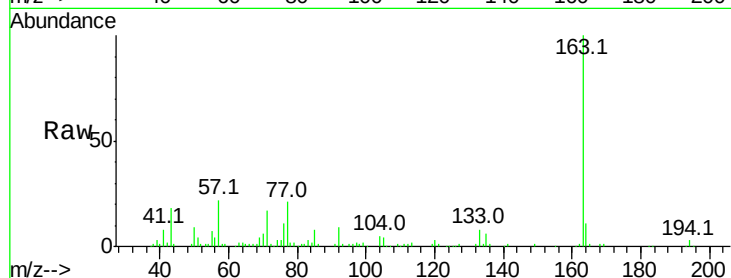
Tot Ion:163 Resp: 129587

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

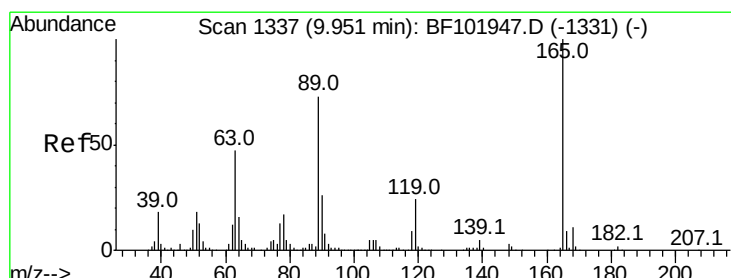
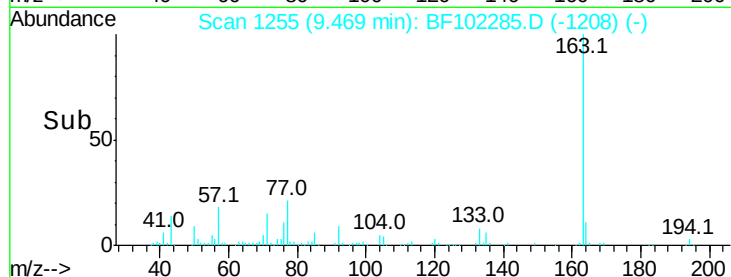
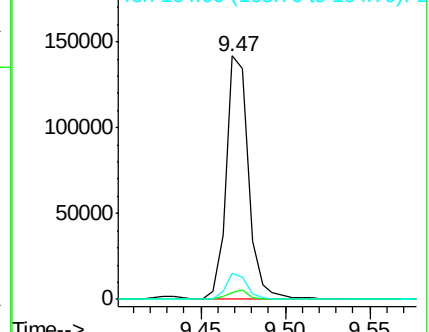
164 10.5 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.751 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Tgt Ion:165 Resp: 32851

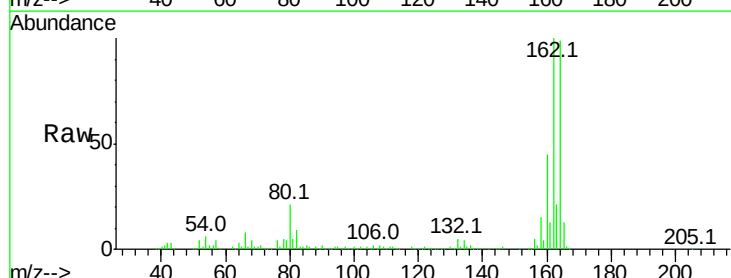
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

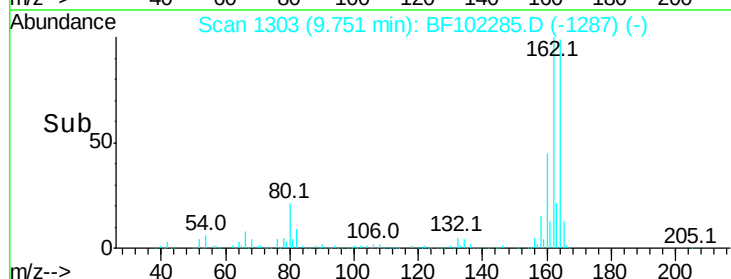
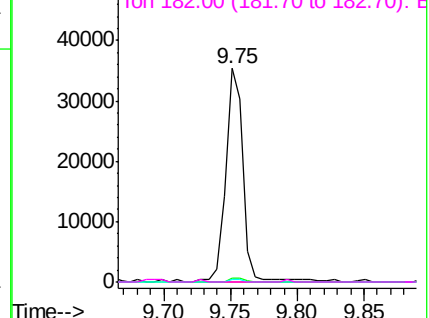


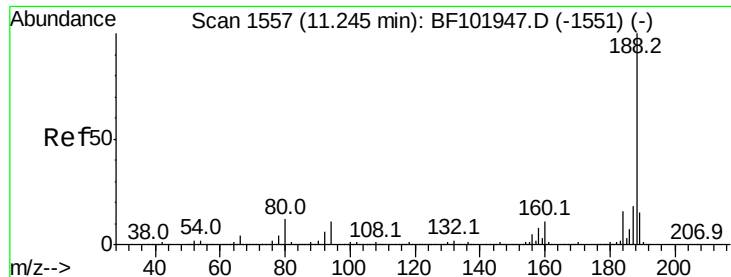
Abundance Ion 165.00 (164.70 to 165.70): E

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

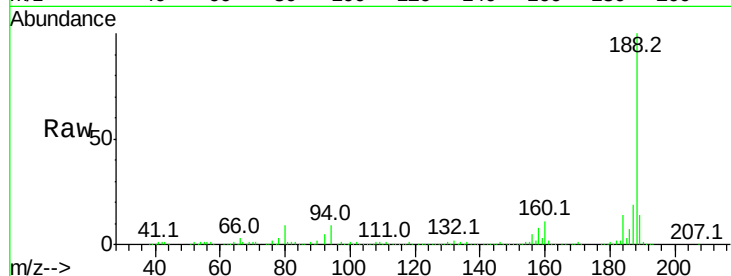




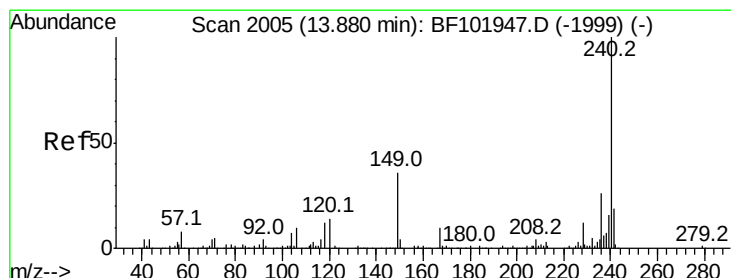
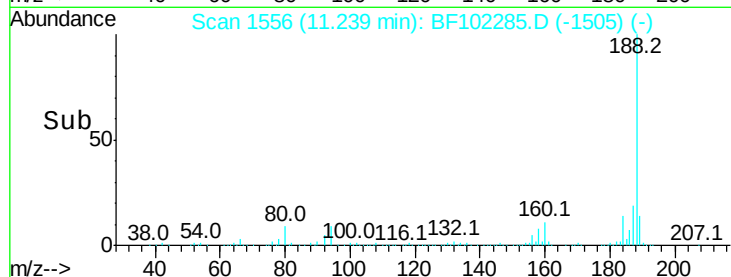
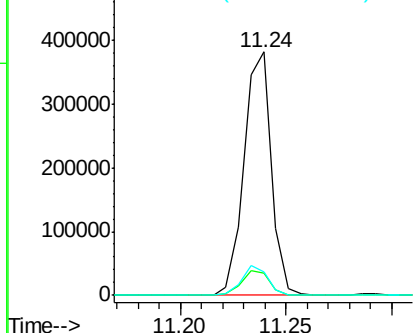
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

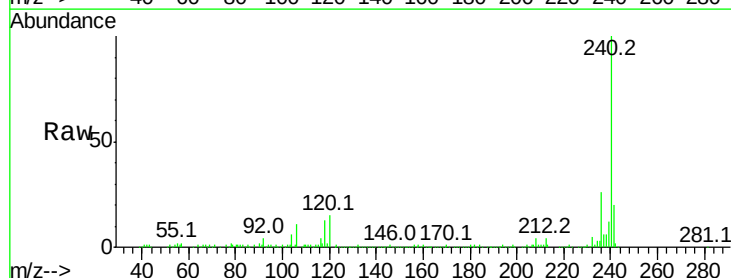


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

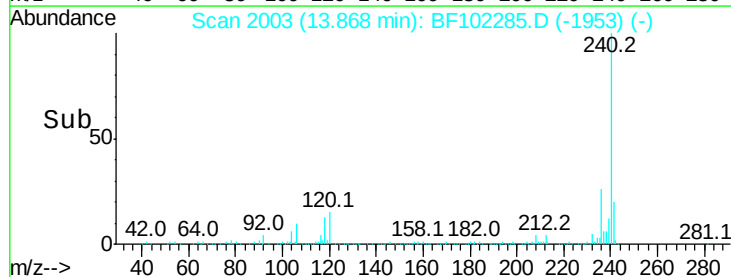
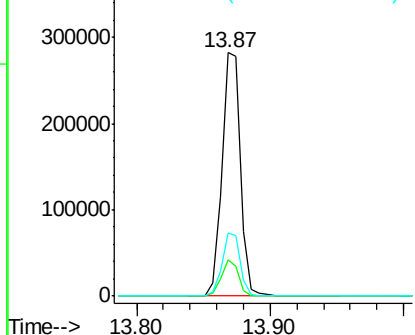


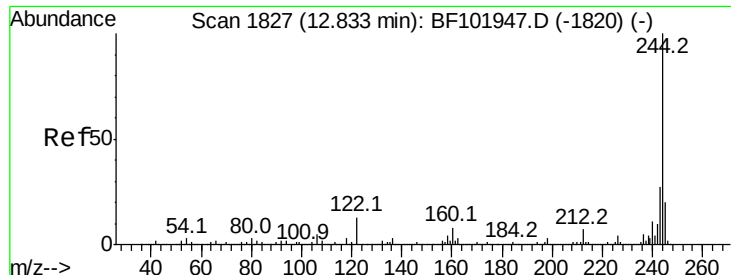
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102285.D
Acq: 21 Jan 2018 2:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	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: 66.733 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

Instrument :

BNA_F

ClientSampled :

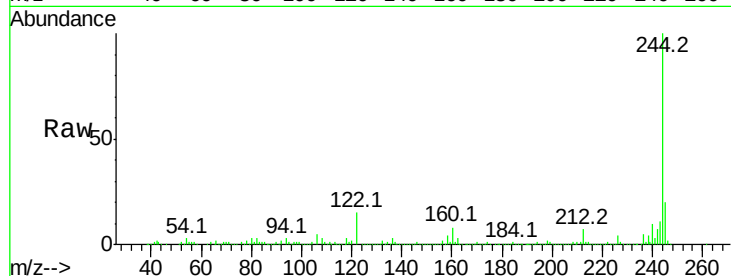
Tot Ion:244 Resp: 887593

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

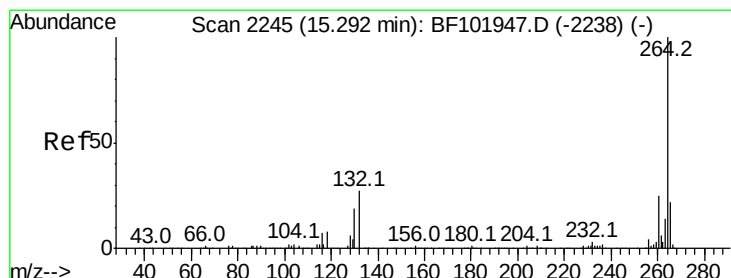
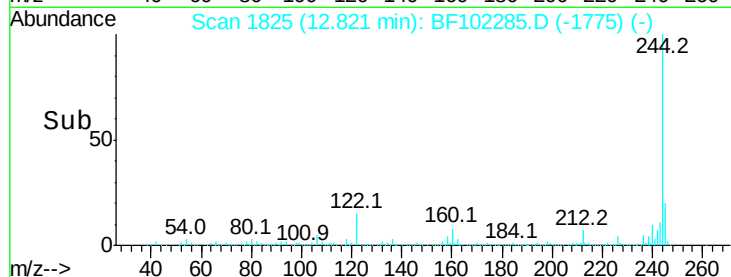
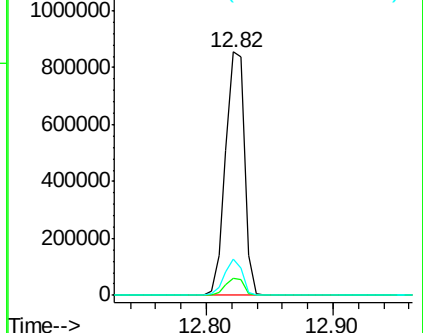
122 14.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102285.D

Acq: 21 Jan 2018 2:10

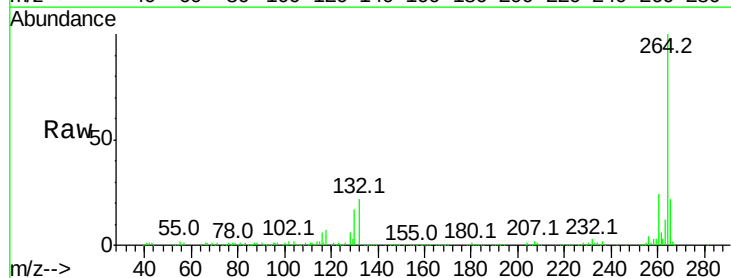
Tgt Ion:264 Resp: 225789

Ion Ratio Lower Upper

264 100

260 23.9 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

