

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
 Data File : BF104583.D
 Acq On : 18 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2410-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 02:32:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 17:08:38 2018
 Response via : Initial Calibration

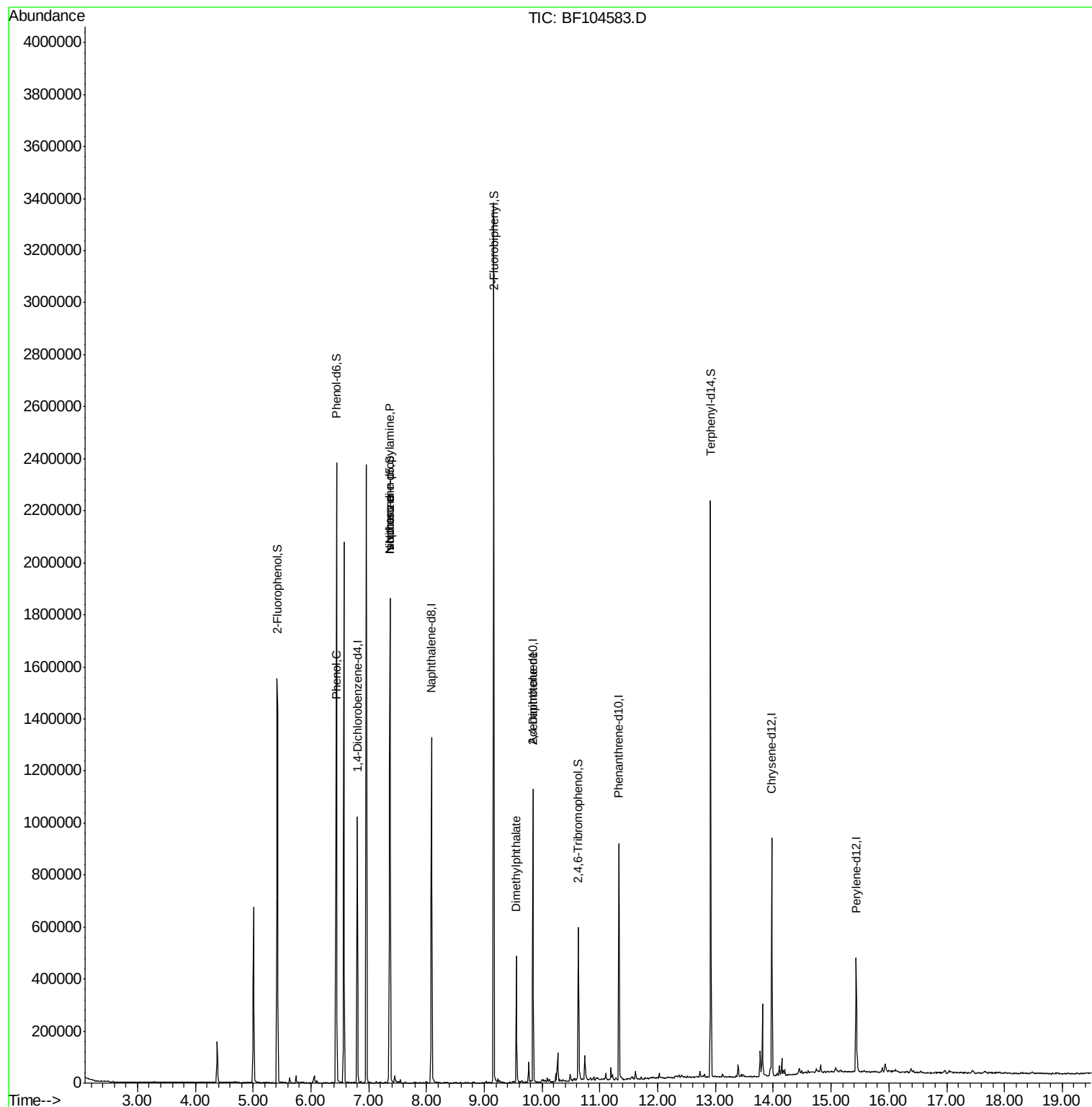
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143686	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	569621	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	230693	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	341400	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283717	20.00	ng	0.00
86) Perylene-d12	15.43	264	202564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	461760	49.14	ng	0.00
7) Phenol-d6	6.44	99	910991	78.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	610382	69.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	70962	29.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1015814	69.56	ng	0.00
78) Terphenyl-d14	12.92	244	789292	63.42	ng	0.00
Target Compounds						
10) Phenol	6.45	94	41844	3.416	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	78762	10.439	ng	# 74
25) Isophorone	7.37	82	610376	33.088	ng	# 64
49) Dimethylphthalate	9.56	163	182223	10.017	ng	100
56) 2,4-Dinitrotoluene	9.84	165	28949	6.556	ng	# 23
76) Benzidine	12.92	184	9913	Below Cal		97

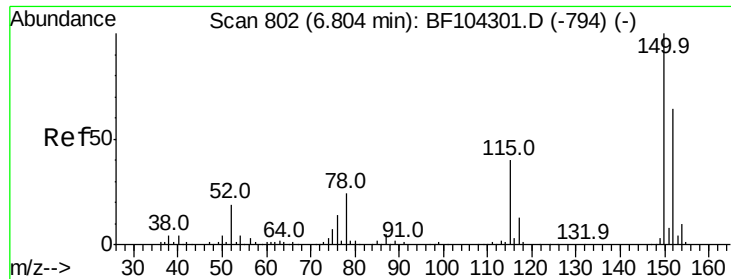
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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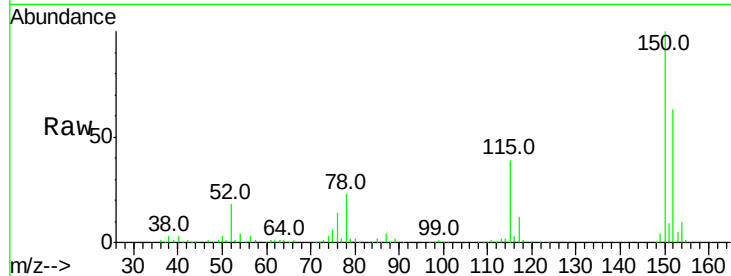


#1

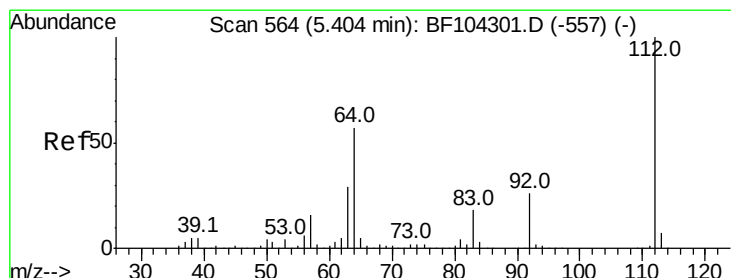
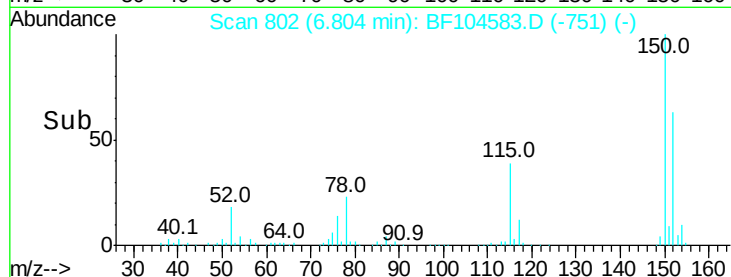
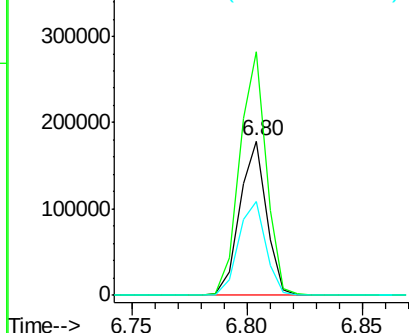
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143686
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.3 50.1 75.1



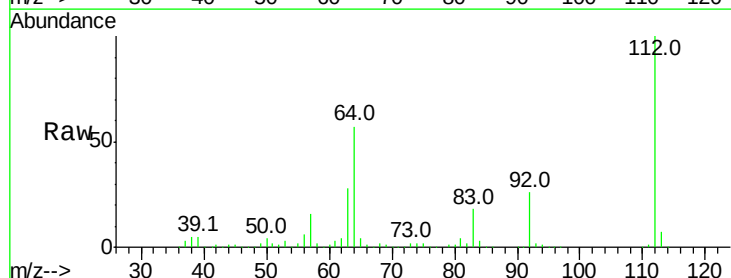
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



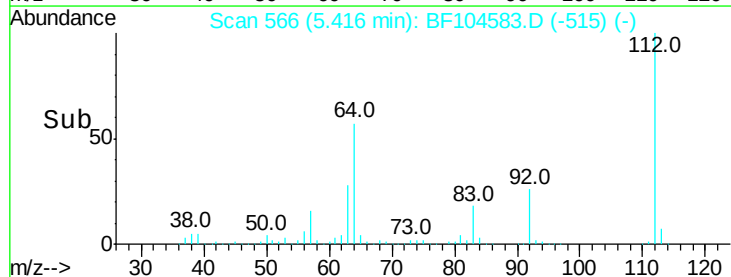
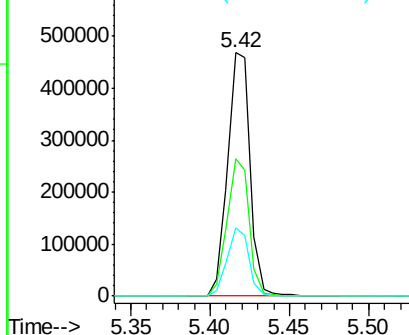
#5

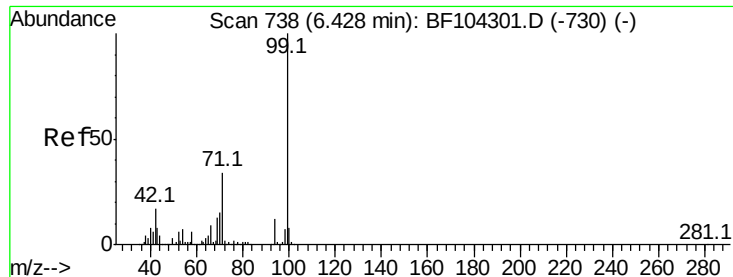
2-Fluorophenol
Concen: 49.139 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:112 Resp: 461760
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.2 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: 78.902 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

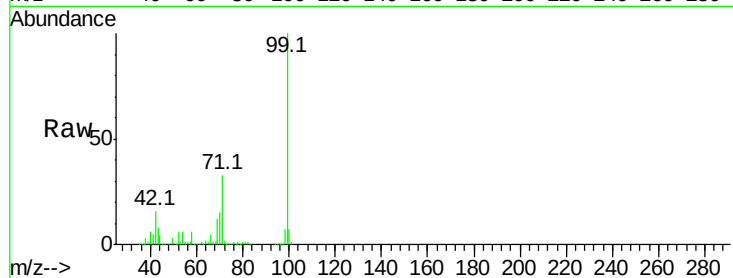
Tot Ion: 99 Resp: 910991

Ion Ratio Lower Upper

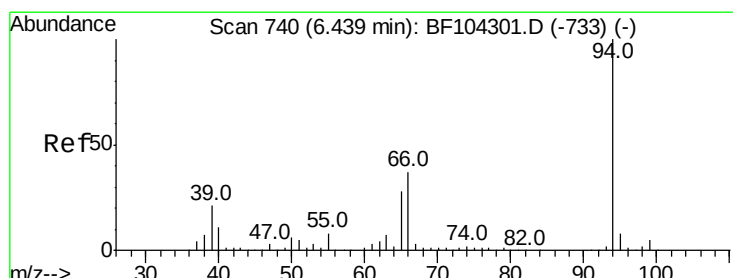
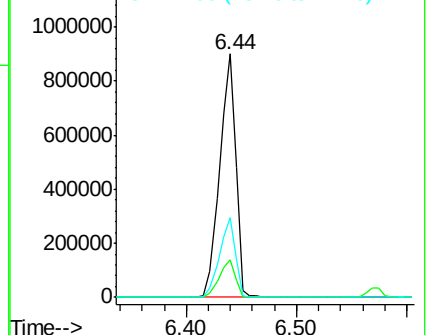
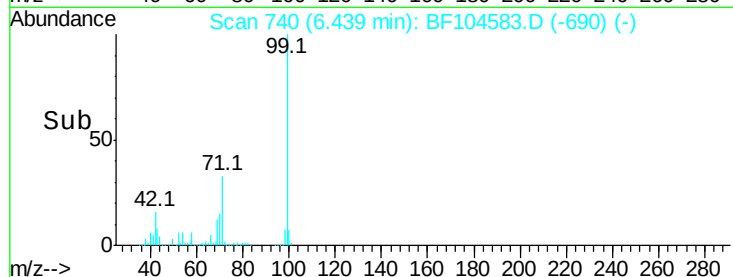
99 100

42 15.7 14.5 21.7

71 32.6 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



#10

Phenol

Concen: 3.416 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

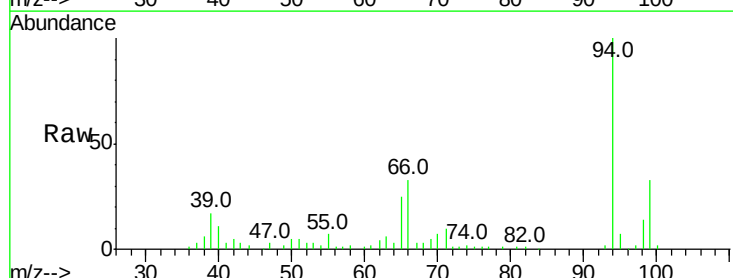
Tgt Ion: 94 Resp: 41844

Ion Ratio Lower Upper

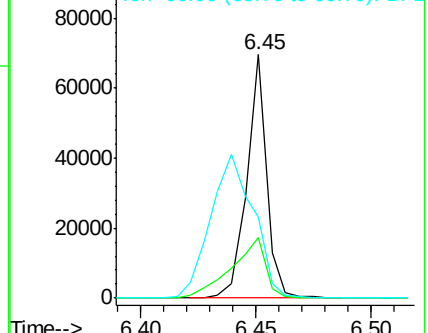
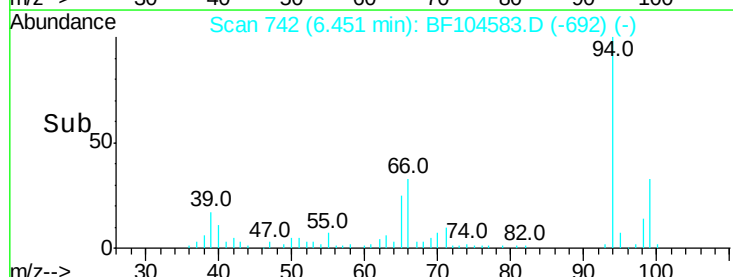
94 100

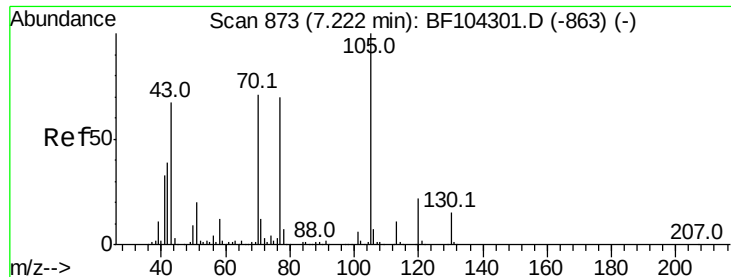
65 24.8 7.9 47.9

66 33.0 16.2 56.2



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

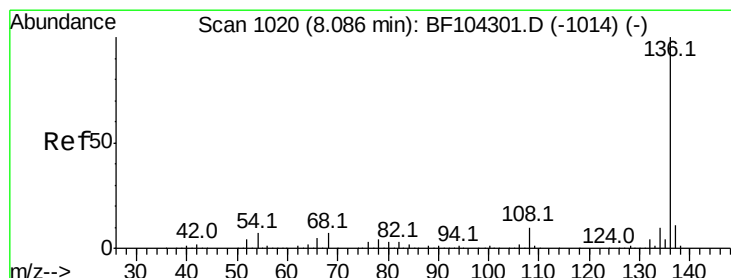
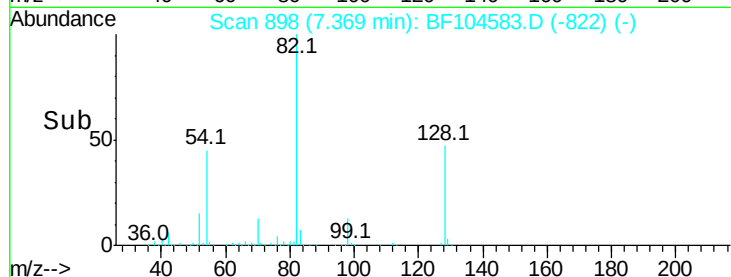
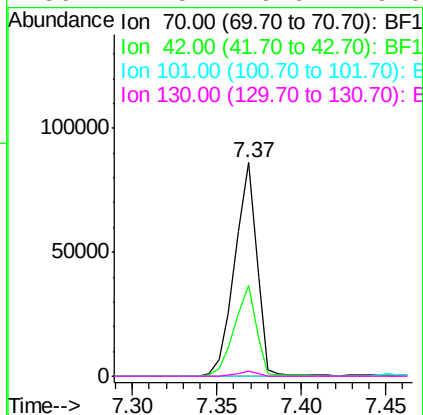
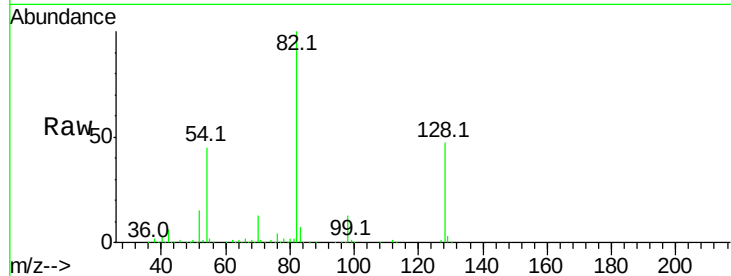




#19
n-Nitroso-di-n-propylamine
Concen: 10.439 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

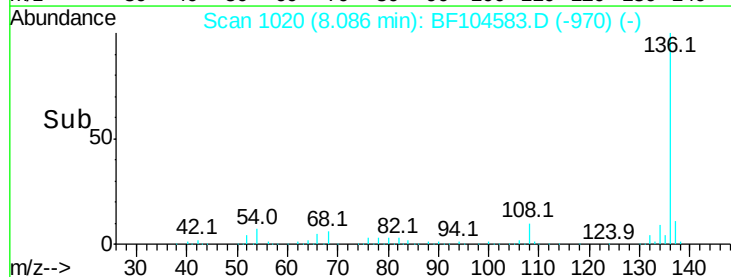
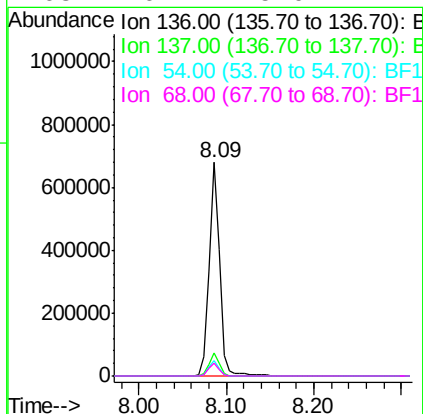
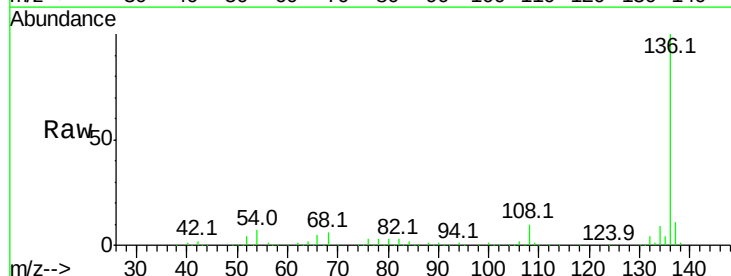
Instrument :
BNA_F
ClientSampleId :

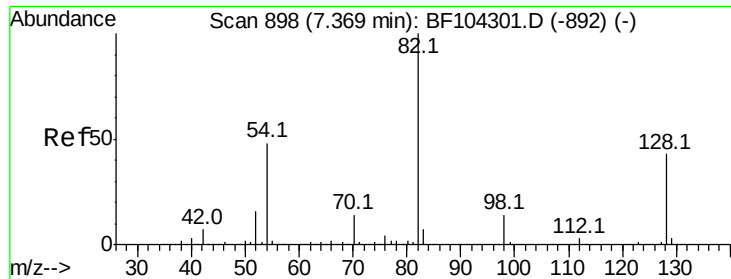
Tot Ion: 70 Resp: 78762
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:136 Resp: 569621
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 6.6 9.8
68 6.2 5.0 7.4

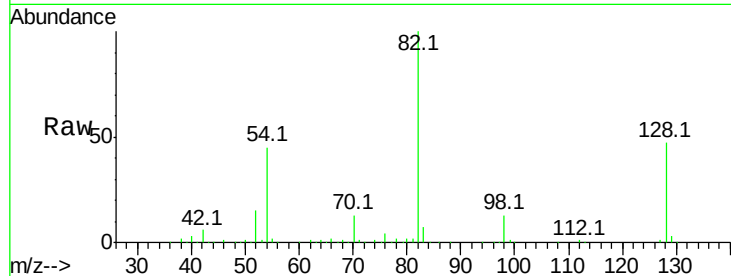




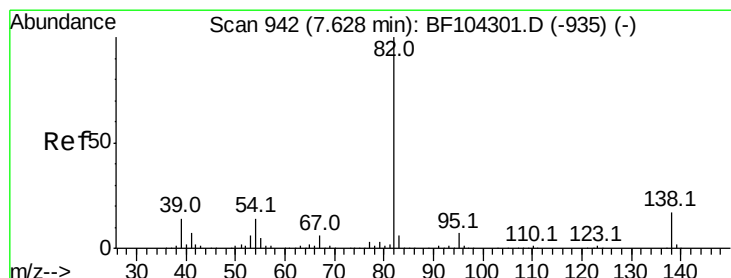
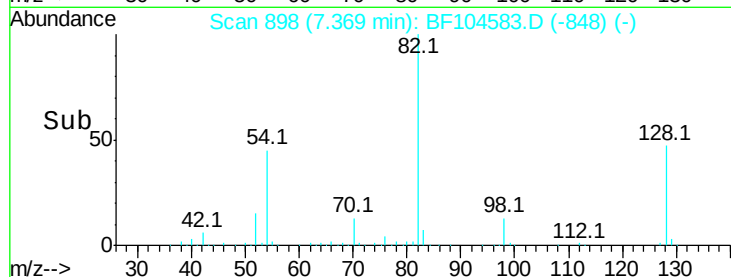
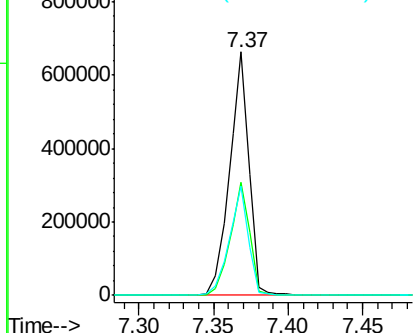
#23
 Nitrobenzene-d5
 Concen: 69.971 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 610382
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 44.8 41.4 62.2

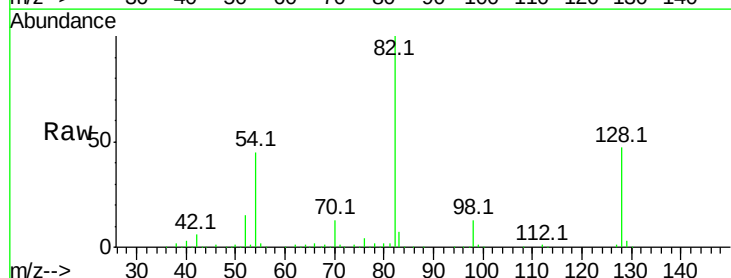


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

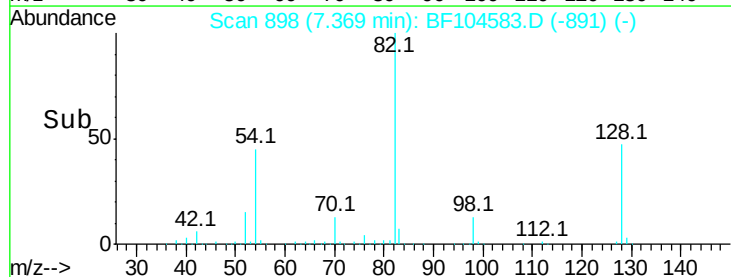
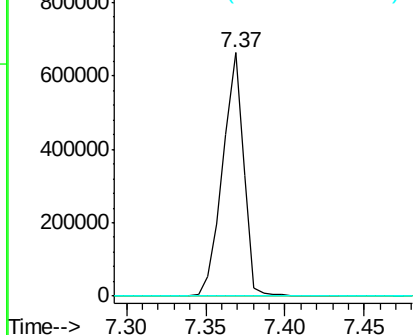


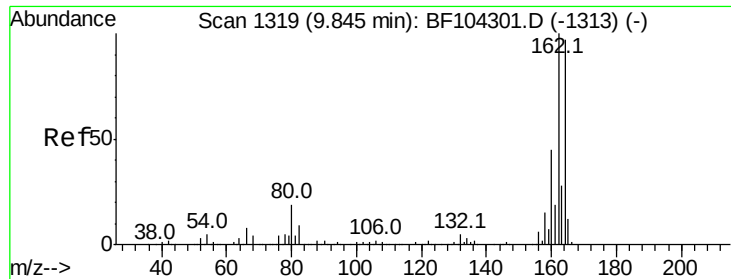
#25
 Isophorone
 Concen: 33.088 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Tgt Ion: 82 Resp: 610376
 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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

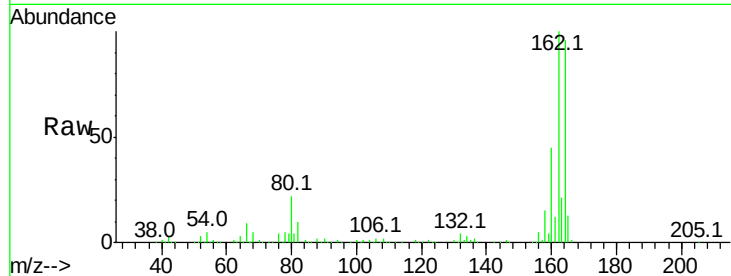
Tot Ion:164 Resp: 230693

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

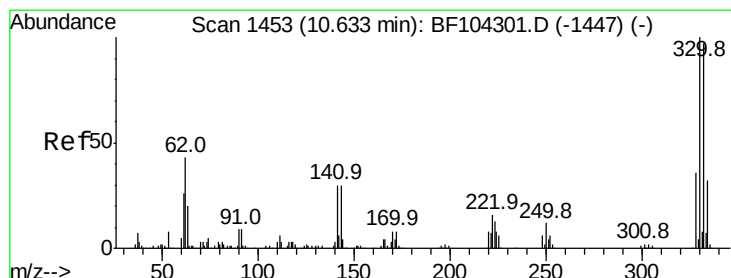
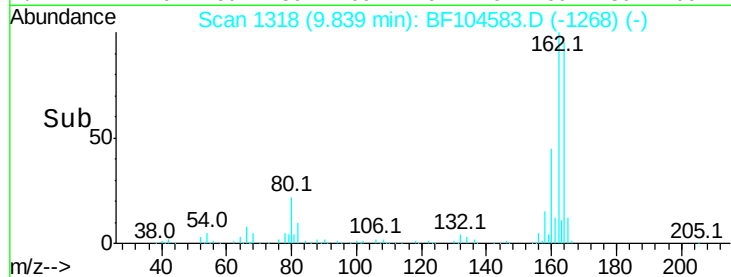
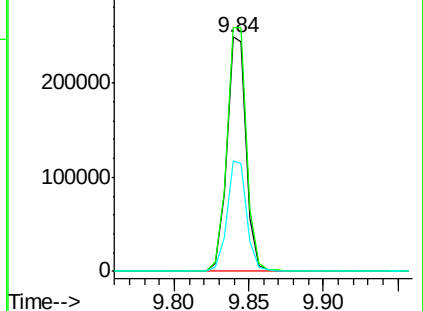
160 47.1 38.3 57.5



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: 29.653 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

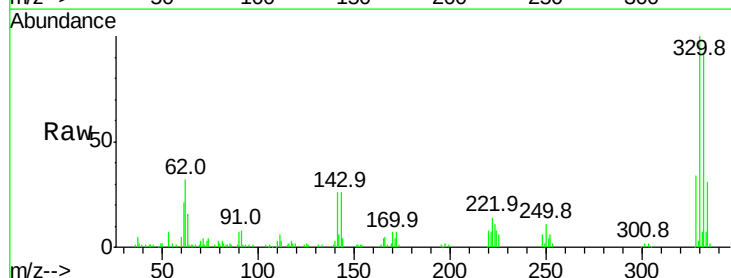
Tgt Ion:330 Resp: 70962

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

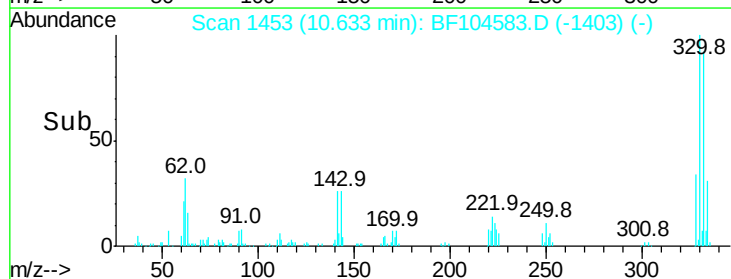
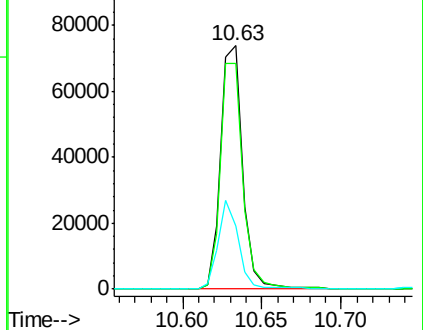
141 33.8 29.9 44.9

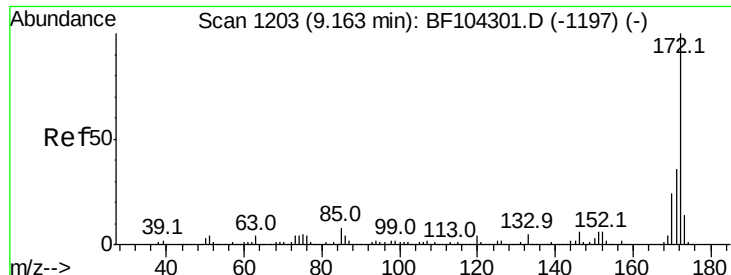


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

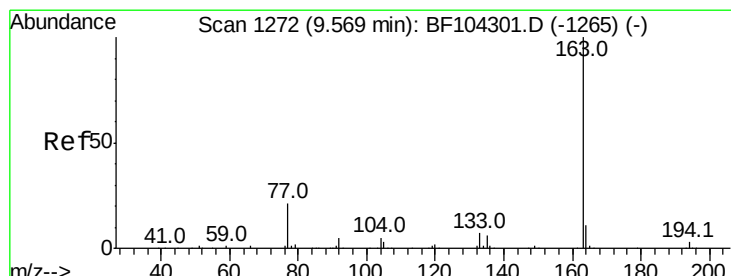
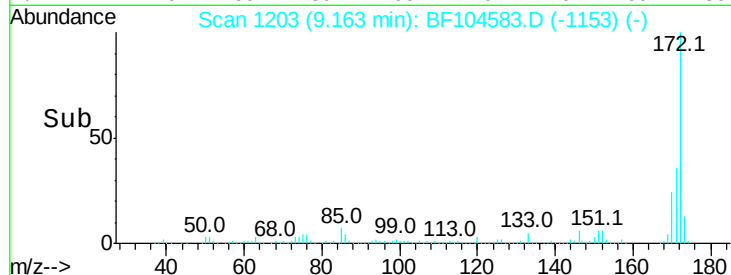
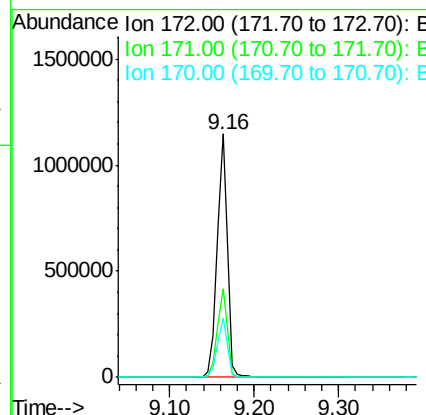
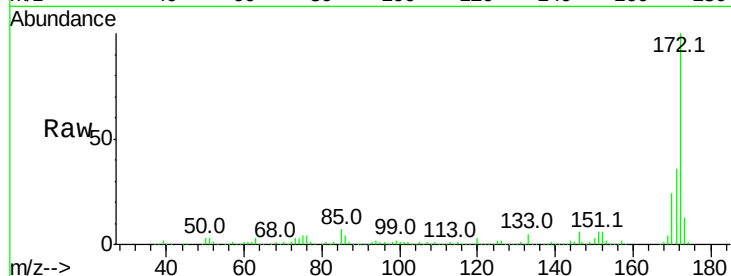




#44
2-Fluorobiphenyl
Concen: 69.561 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

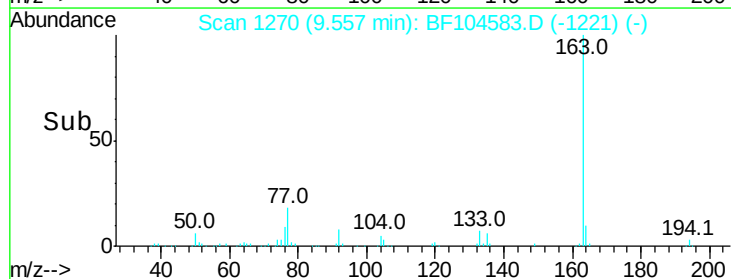
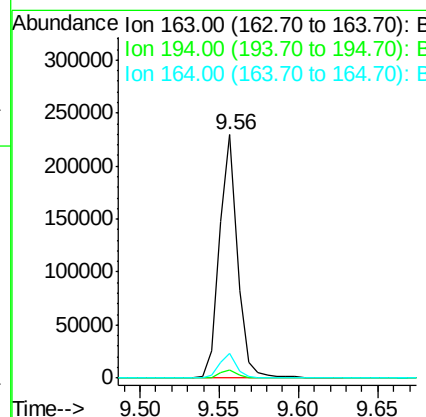
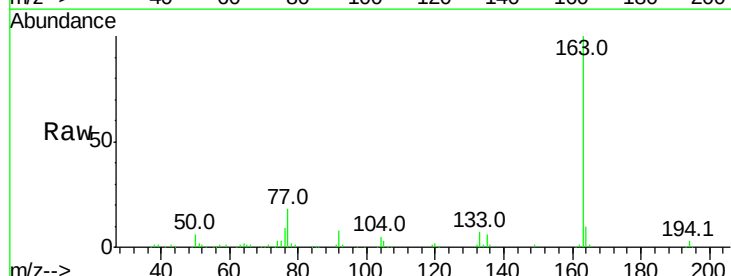
Instrument :
BNA_F
ClientSampleId :

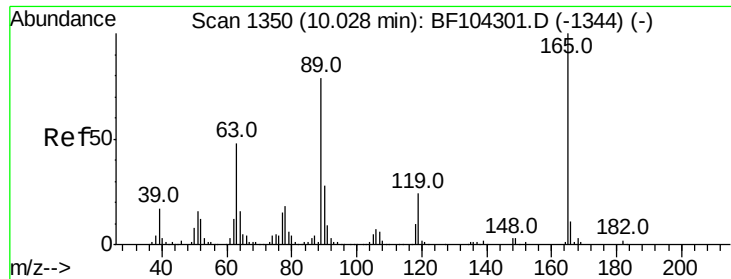
Tot Ion:172 Resp: 1015814
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 10.017 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Tgt Ion:163 Resp: 182223
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

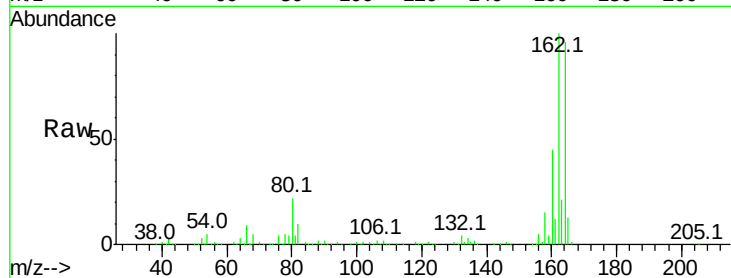




#56
 2,4-Dinitrotoluene
 Concen: 6.556 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	28949
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

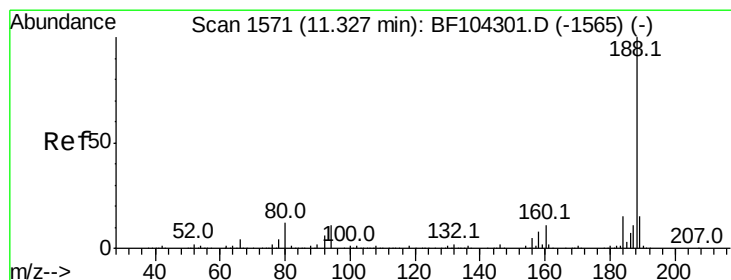
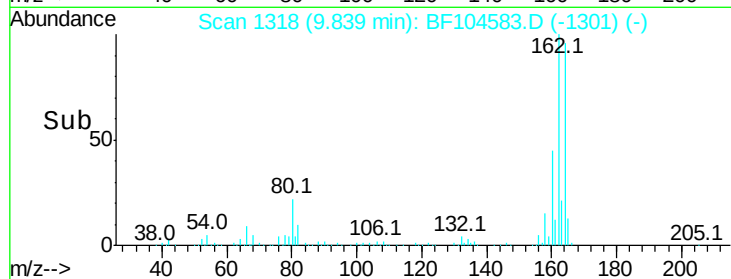
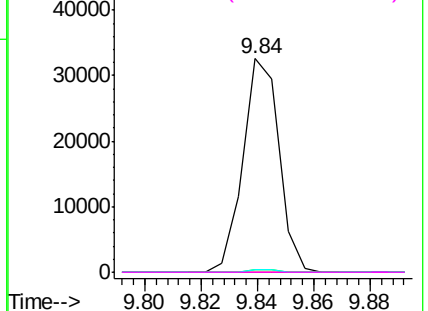


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

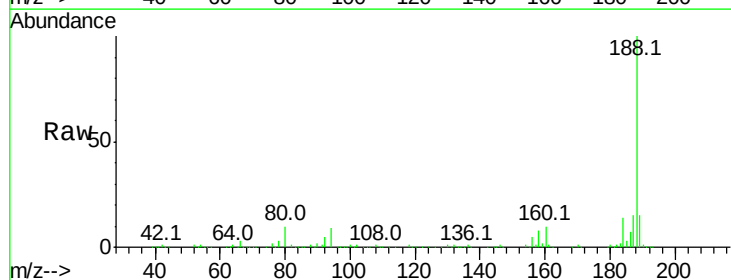
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104583.D
 Acq: 18 Apr 2018 1:01

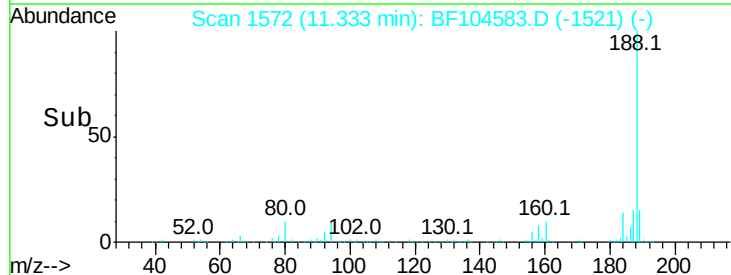
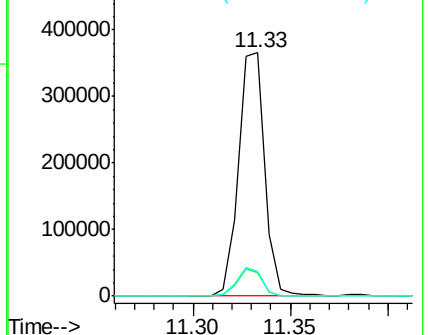
Tgt Ion:	188	Resp:	341400
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8

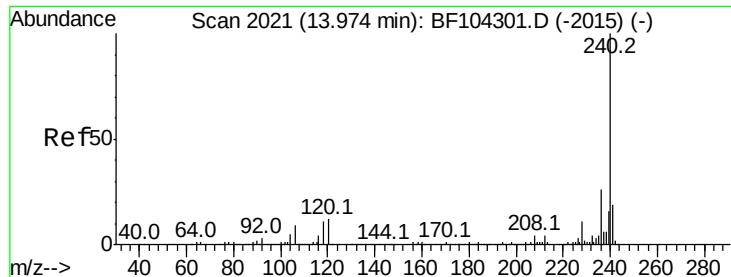


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

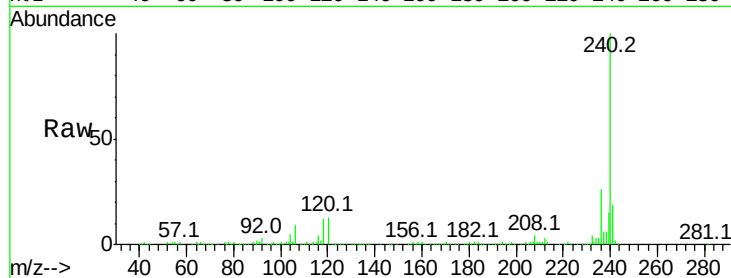
Tot Ion:240 Resp: 283717

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

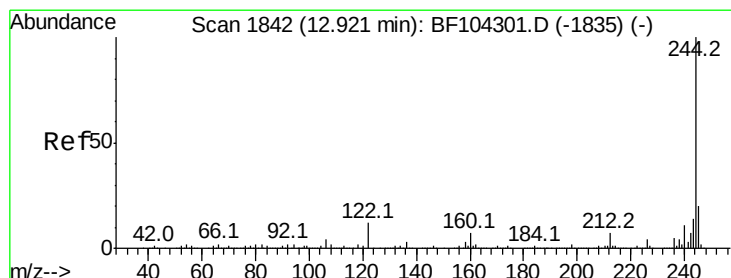
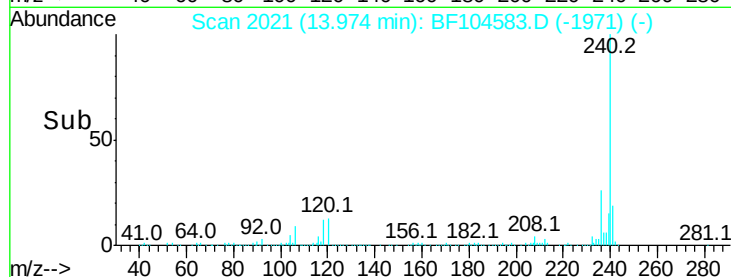
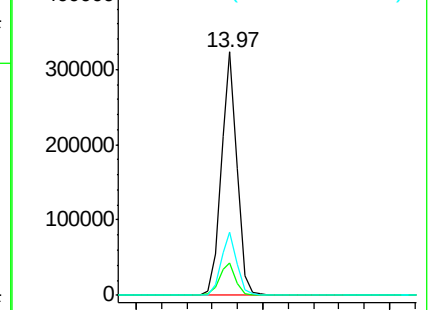
236 25.9 20.7 31.1



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: 63.424 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104583.D

Acq: 18 Apr 2018 1:01

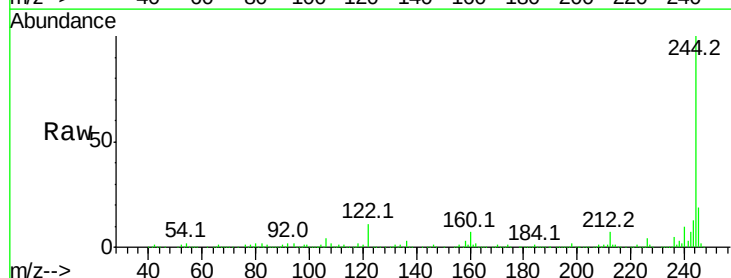
Tgt Ion:244 Resp: 789292

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

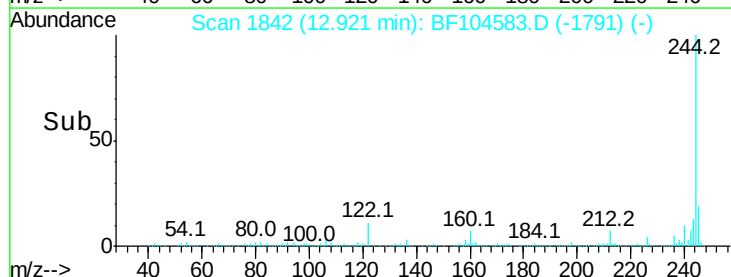
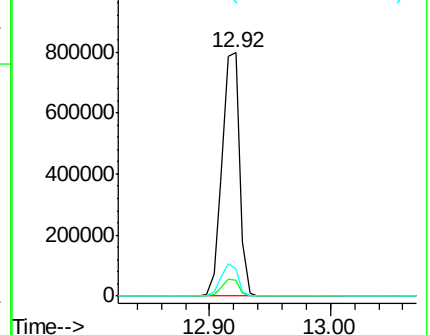
122 11.2 11.0 16.4

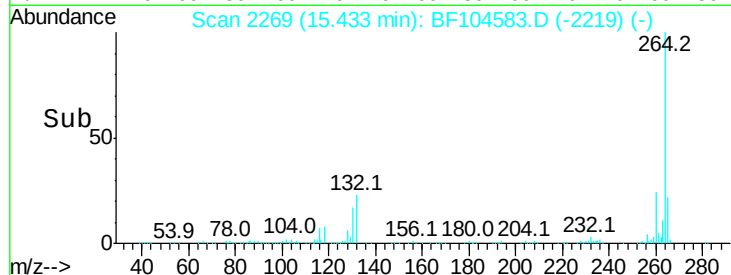
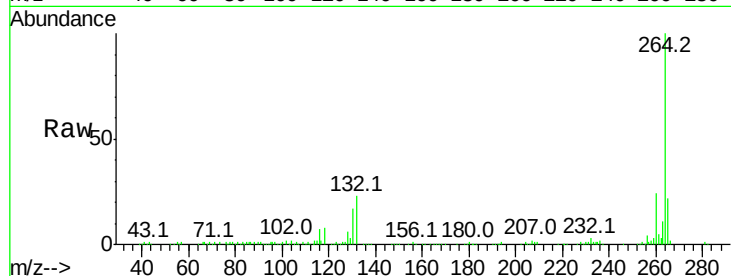
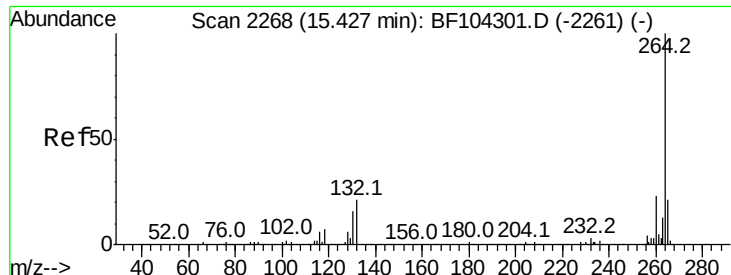


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104583.D
Acq: 18 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	202564
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.2 28.8
265	21.6	17.5 26.3

