

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102583.D
 Acq On : 29 Jan 2018 5:30
 Operator : SJ/JU
 Sample : J1311-01RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 06:22:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

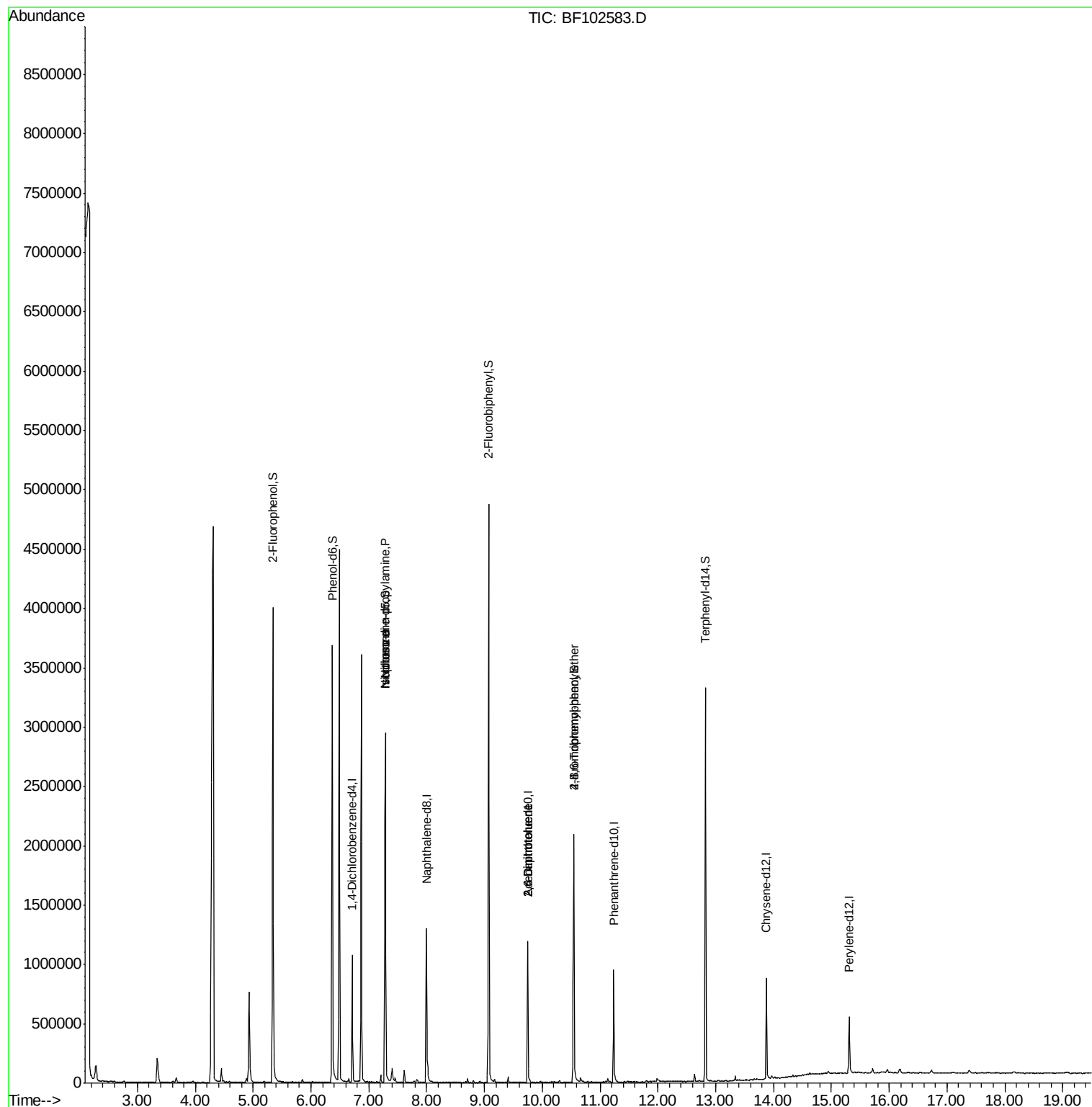
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	161045	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	643434	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	258075	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	369220	20.00	ng	0.00
75) Chrysene-d12	13.87	240	298572	20.00	ng	0.00
86) Perylene-d12	15.31	264	210682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1305736	122.94	ng	0.02
7) Phenol-d6	6.37	99	1476615	115.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	1016643	90.80	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	253847	99.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1664307	94.82	ng	0.00
78) Terphenyl-d14	12.82	244	1148522	86.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	133447	17.030	ng	# 78
25) Isophorone	7.29	82	1014331	50.816	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	32434	7.052	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	32434	5.735	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	17418	4.382	ng	# 1

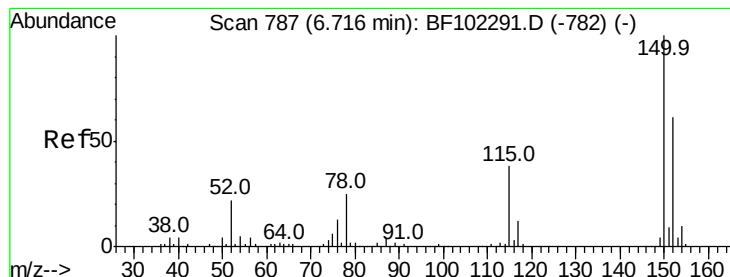
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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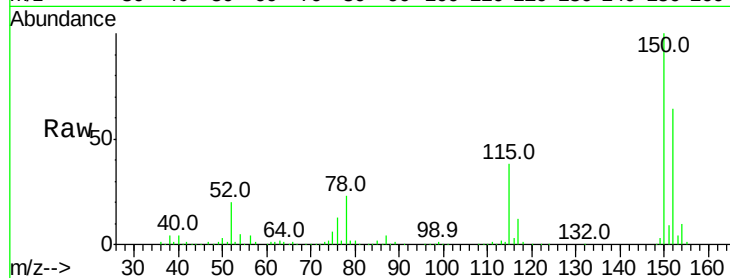


#1

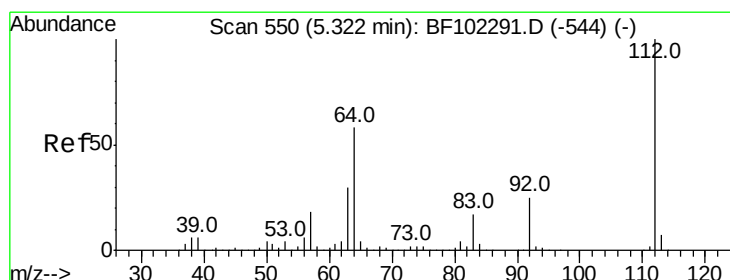
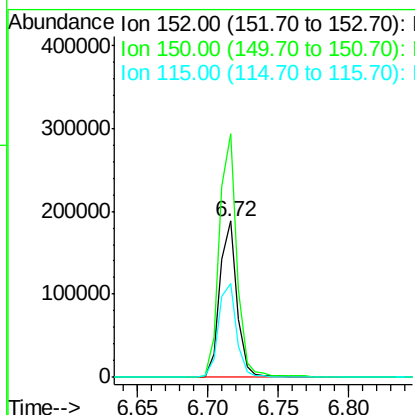
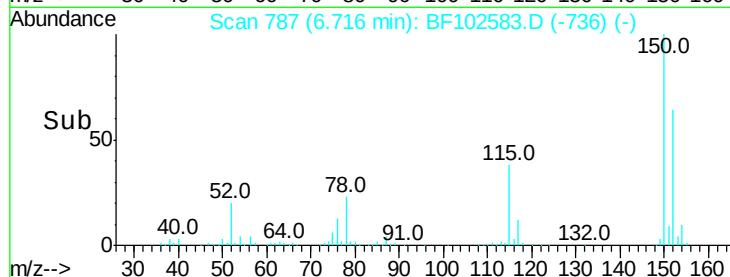
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161045
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 59.9 50.1 75.1



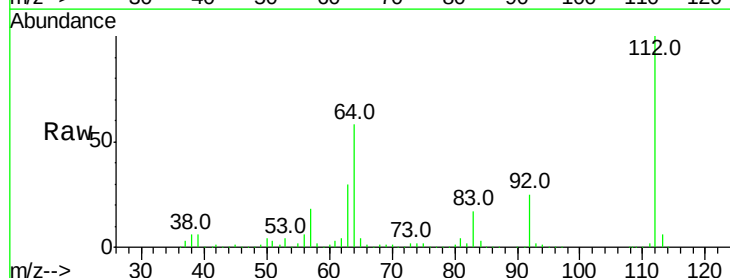
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



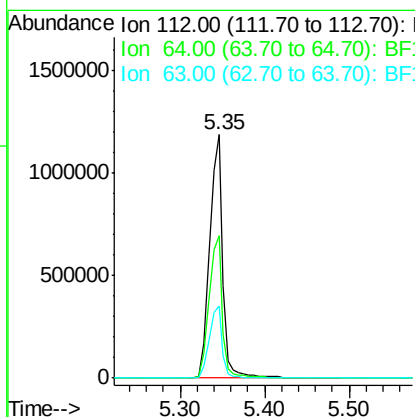
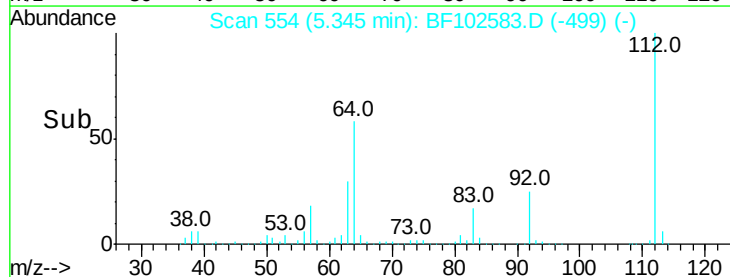
#5

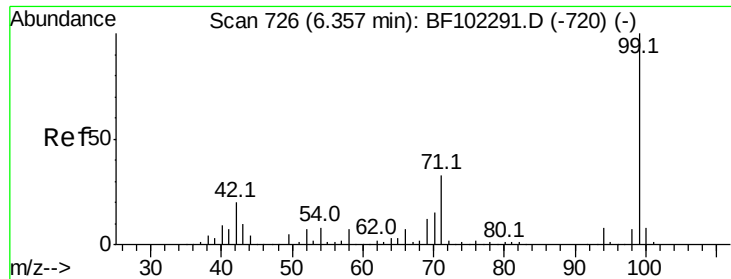
2-Fluorophenol
Concen: 122.937 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Tgt Ion:112 Resp: 1305736
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.8 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: 115.317 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

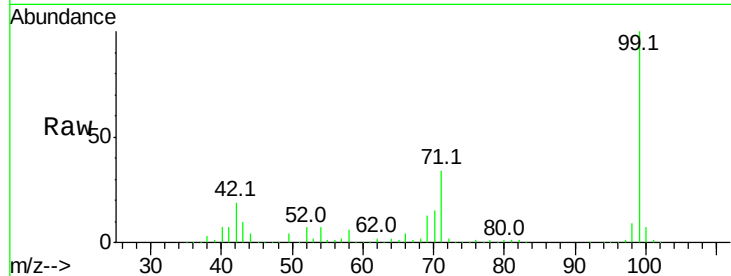
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1476615

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.6	25.4	38.0

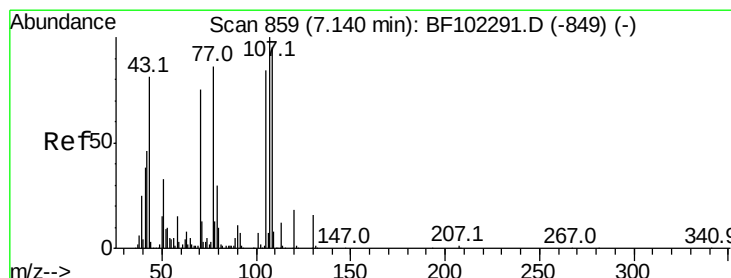
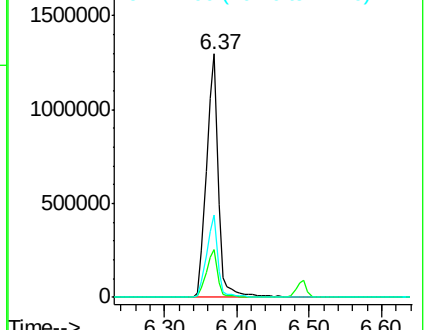
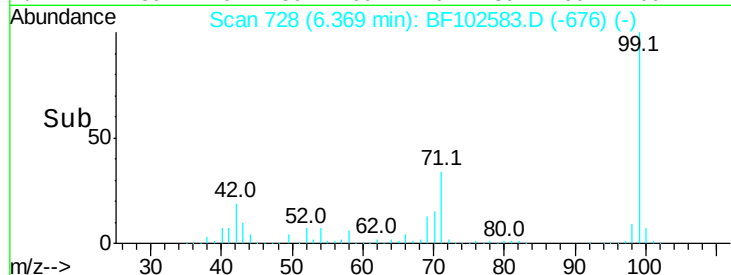


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 17.030 ng

RT: 7.29 min Scan# 884

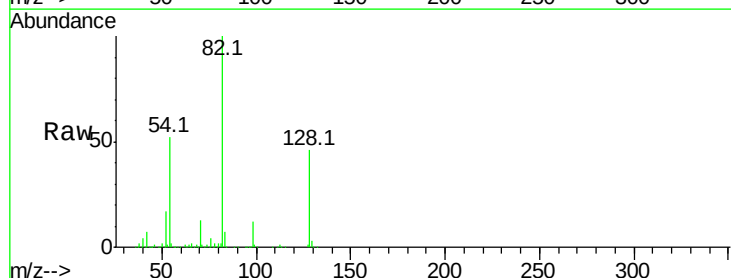
Delta R.T. 0.15 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Tgt Ion: 70 Resp: 133447

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



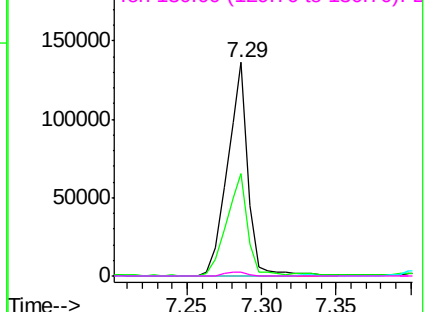
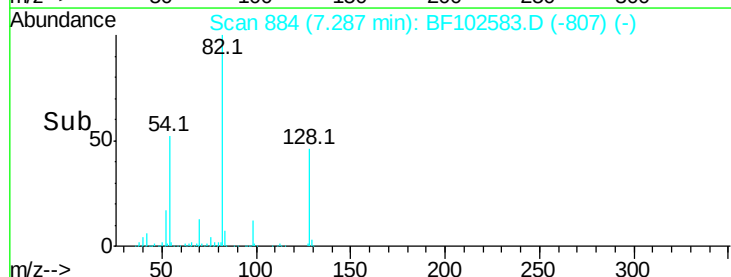
Abundance

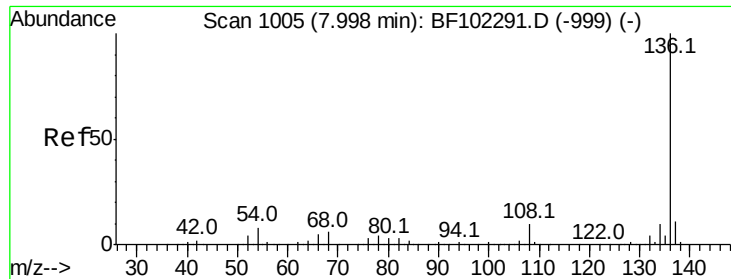
Ion 70.00 (69.70 to 70.70): BF1

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

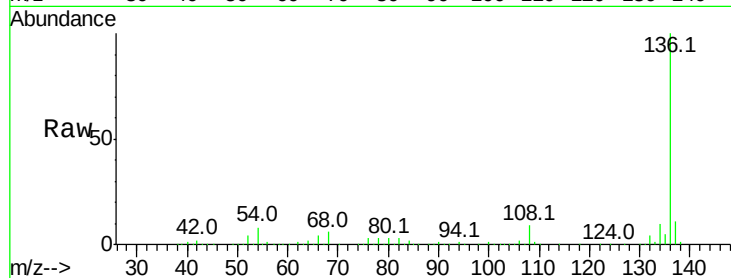




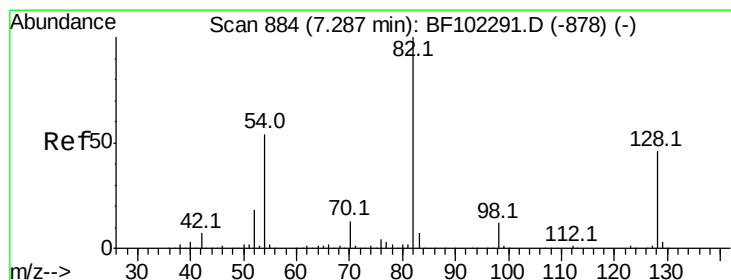
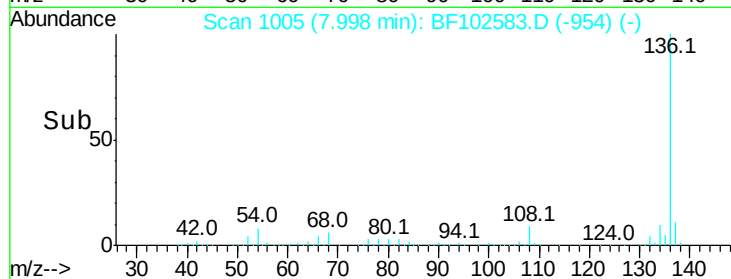
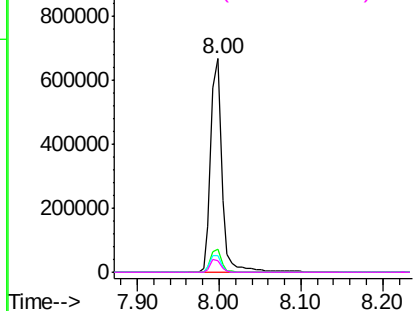
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	643434
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	5.5	5.0	7.4

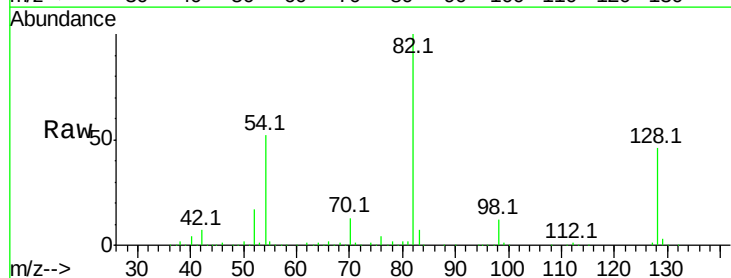


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

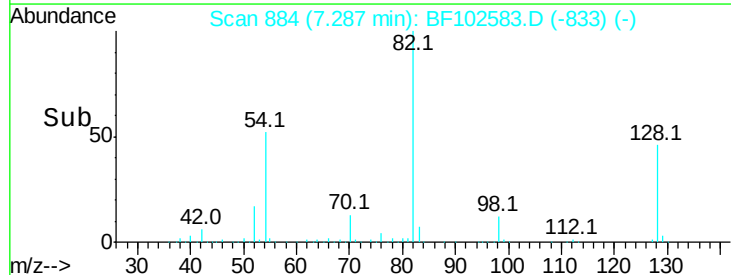
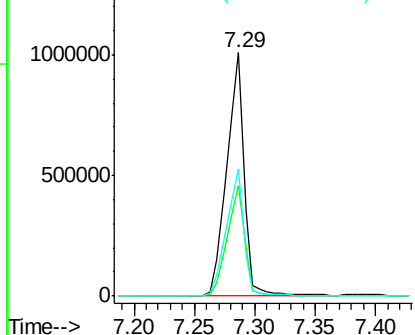


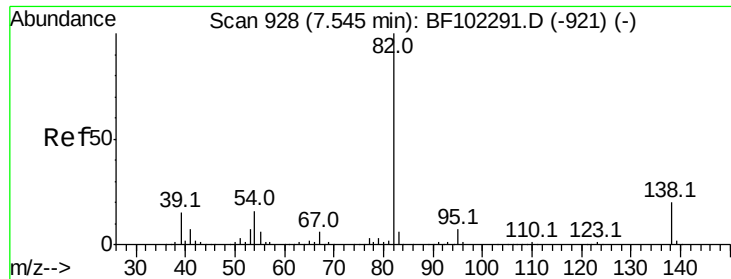
#23
Nitrobenzene-d5
Concen: 90.799 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Tgt Ion:	82	Resp:	1016643
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	52.2	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: 50.816 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Instrument :

BNA_F

ClientSampleId :

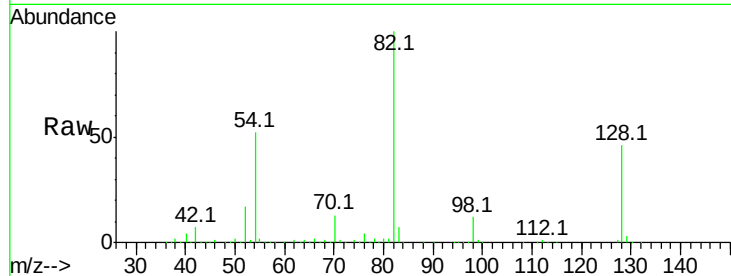
Tot Ion: 82 Resp: 1014331

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

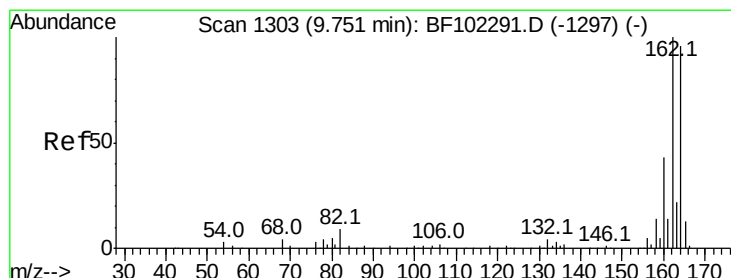
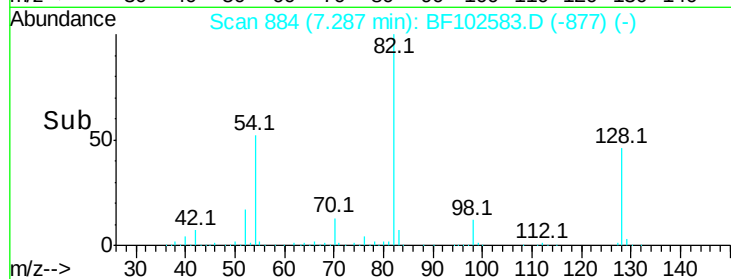
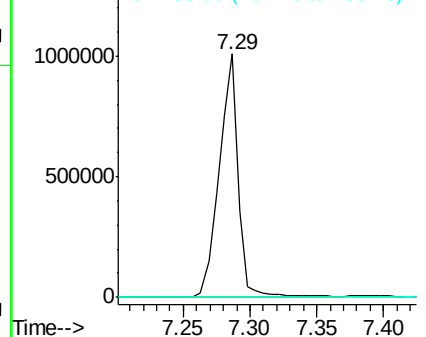
138 0.0 14.9 22.3#



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# 1302

Delta R.T. -0.01 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

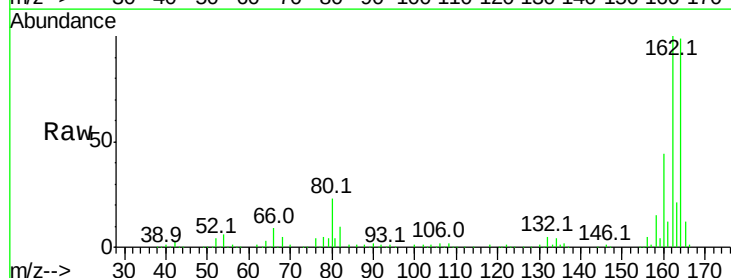
Tgt Ion:164 Resp: 258075

Ion Ratio Lower Upper

164 100

162 101.3 86.1 129.1

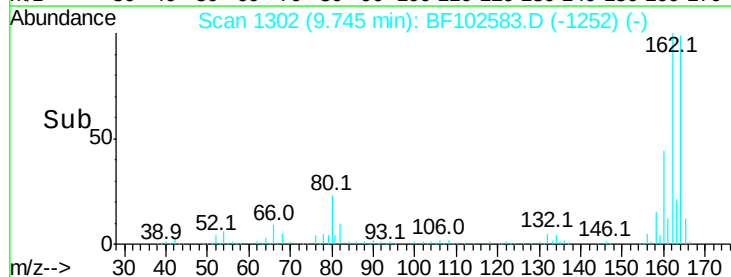
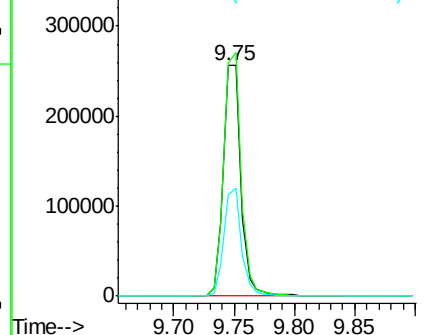
160 44.2 38.3 57.5

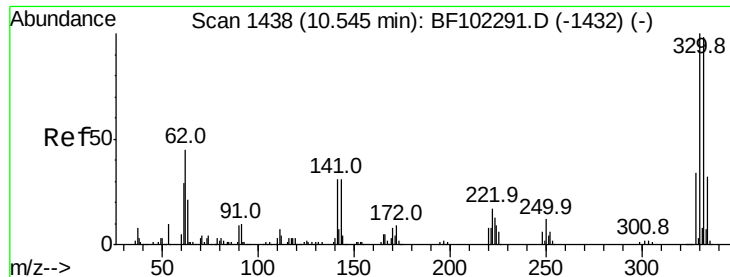


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

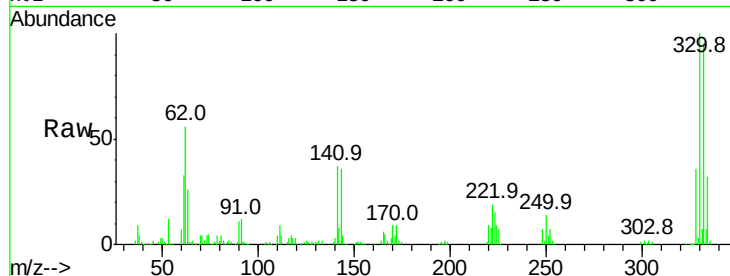




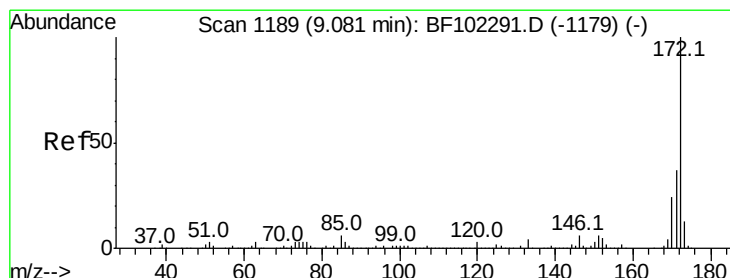
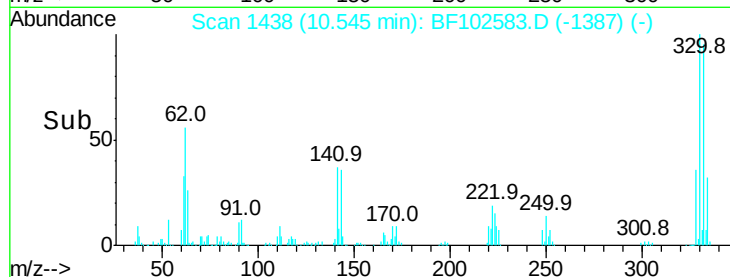
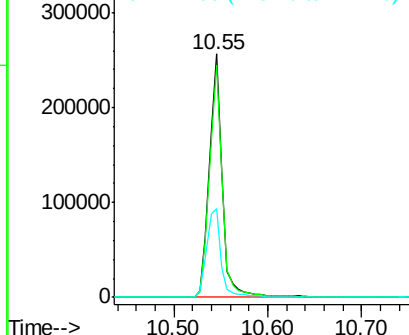
#41
 2,4,6-Tribromophenol
 Concen: 99.269 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	40.7	29.9	44.9

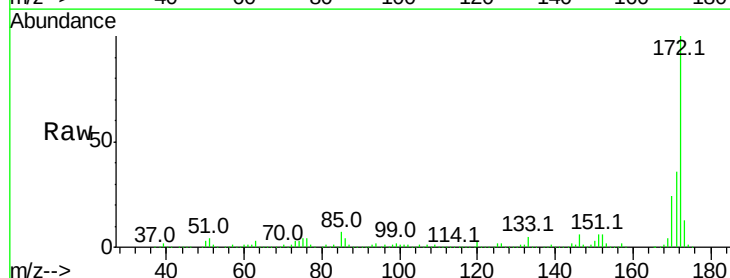


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

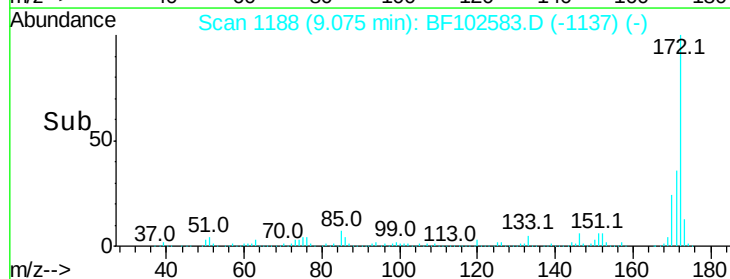
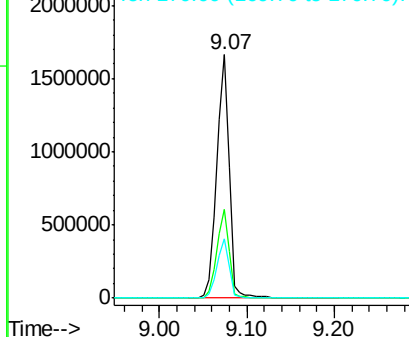


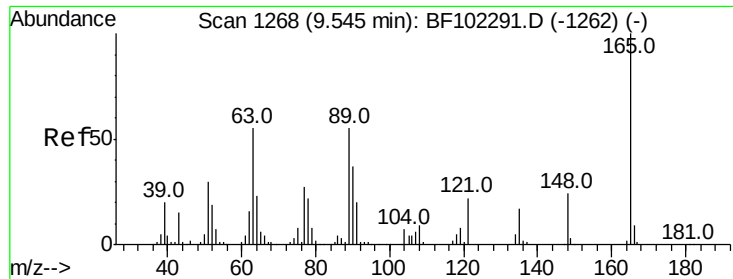
#44
 2-Fluorobiphenyl
 Concen: 94.822 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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

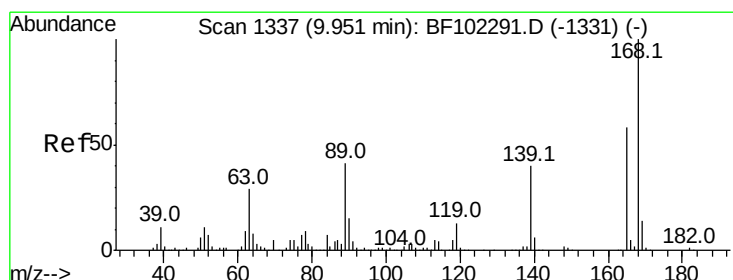
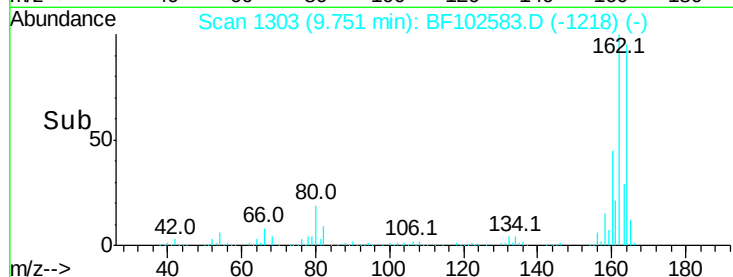
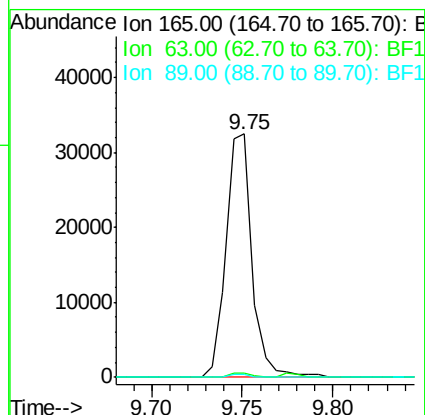
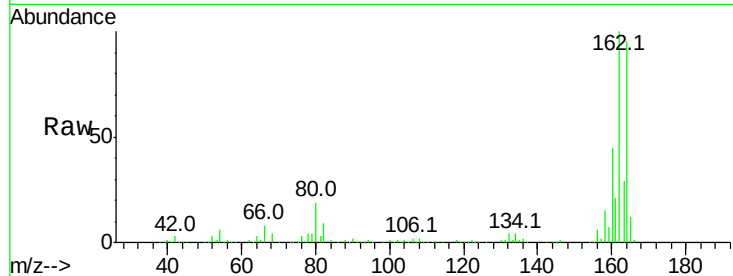




#50
 2,6-Dinitrotoluene
 Concen: 7.052 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

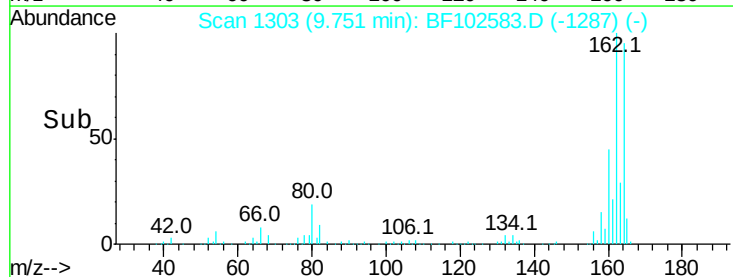
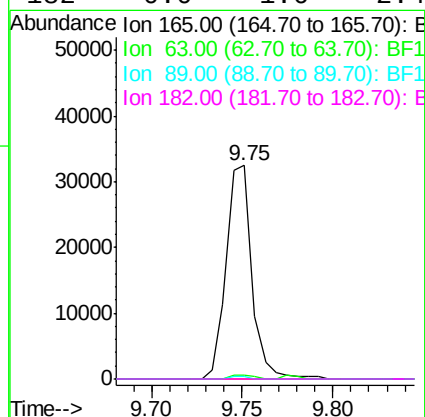
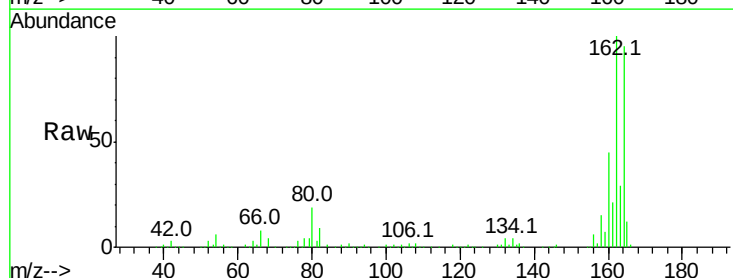
Instrument :
 BNA_F
 ClientSampleId :

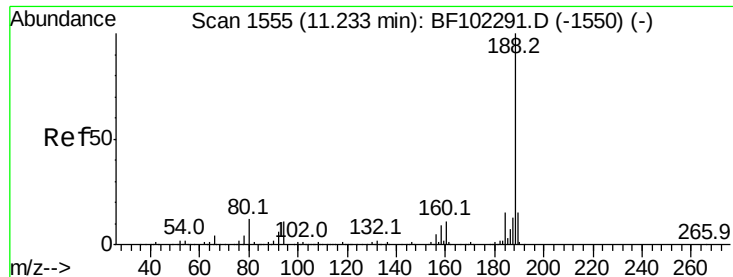
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.735 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102583.D
 Acq: 29 Jan 2018 5:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

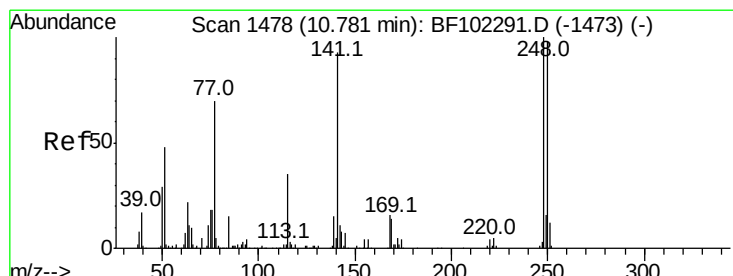
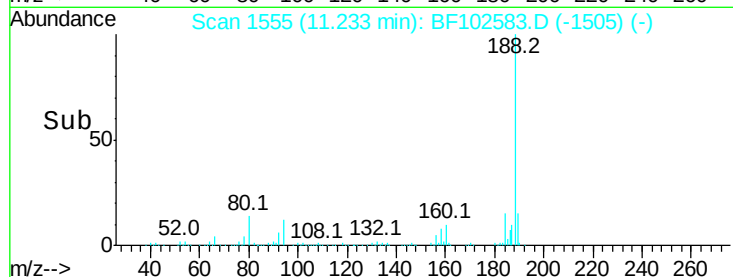
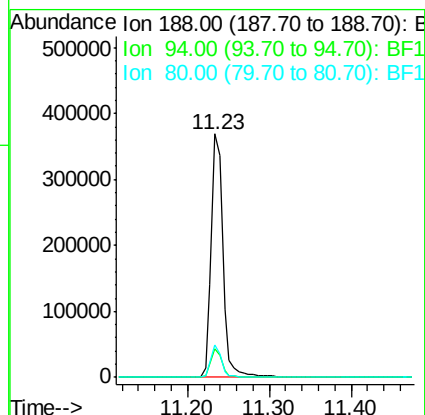
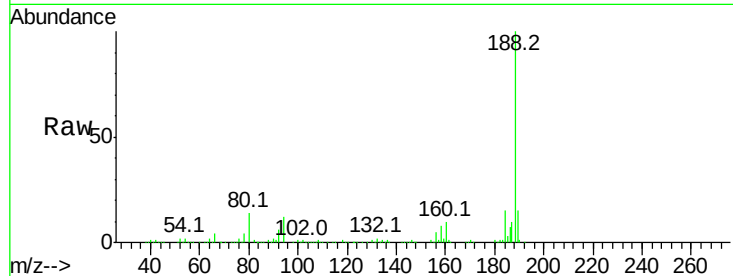




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

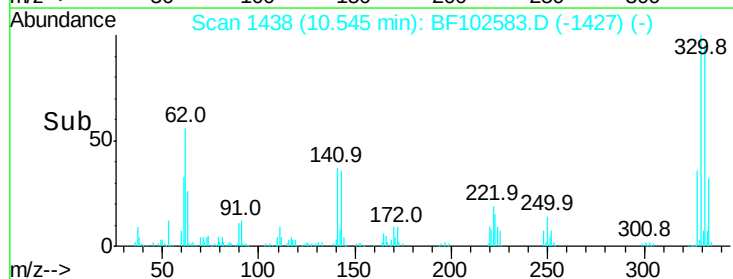
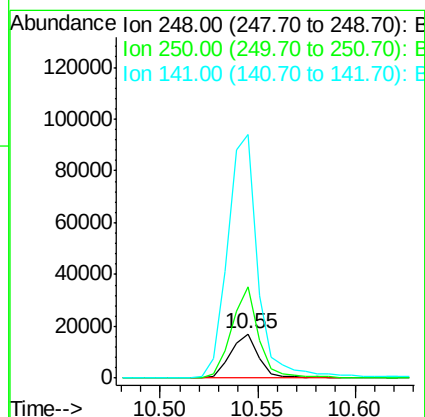
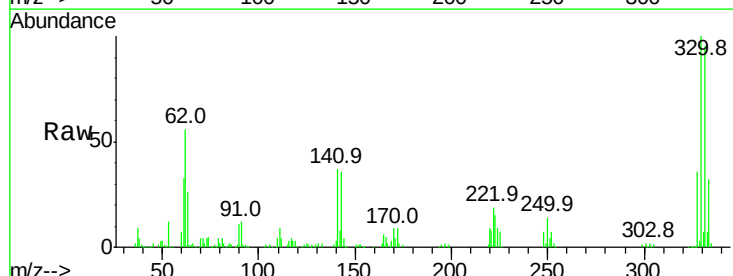
Instrument :
BNA_F
ClientSampleId :

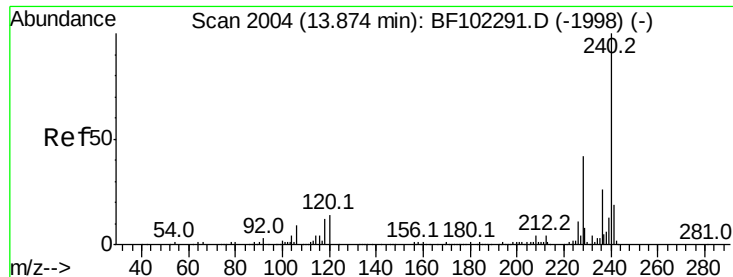
Tot Ion:188 Resp: 369220
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.382 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Tgt Ion:248 Resp: 17418
Ion Ratio Lower Upper
248 100
250 207.1 76.9 115.3#
141 550.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

Instrument :

BNA_F

ClientSampleId :

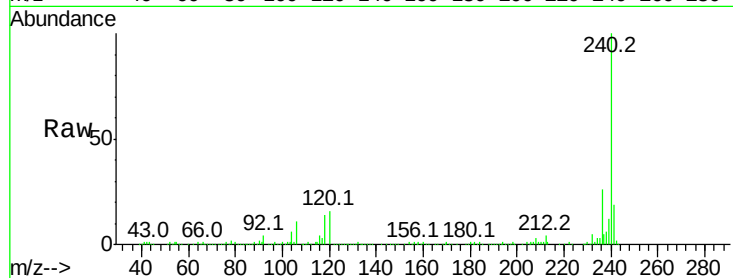
Tot Ion:240 Resp: 298572

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

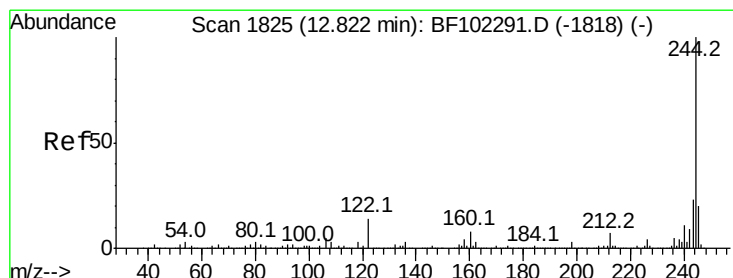
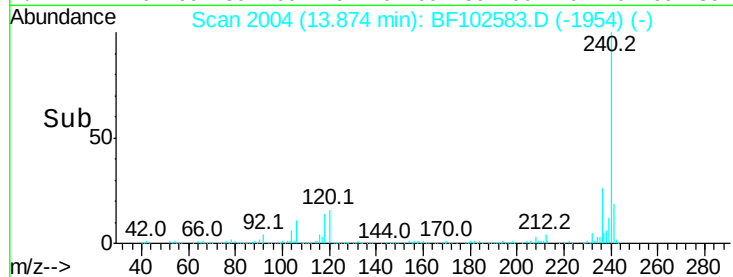
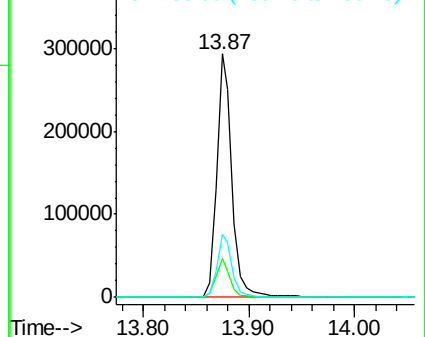
236 25.9 20.7 31.1



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: 86.719 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102583.D

Acq: 29 Jan 2018 5:30

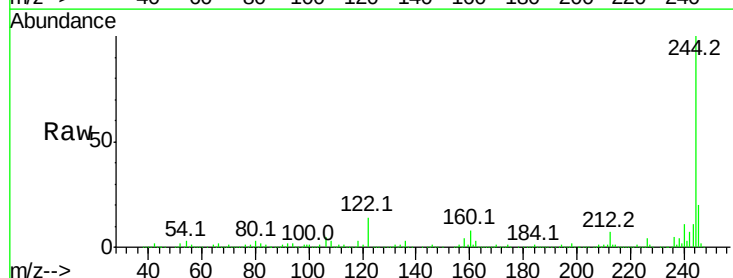
Tgt Ion:244 Resp: 1148522

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

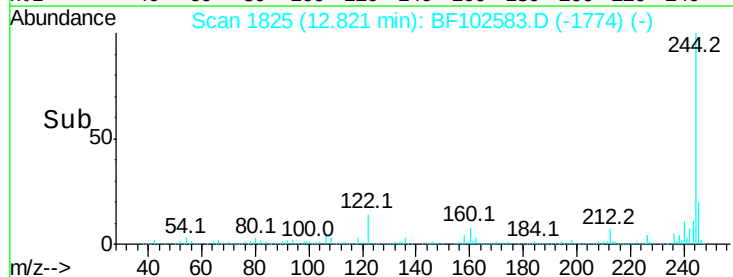
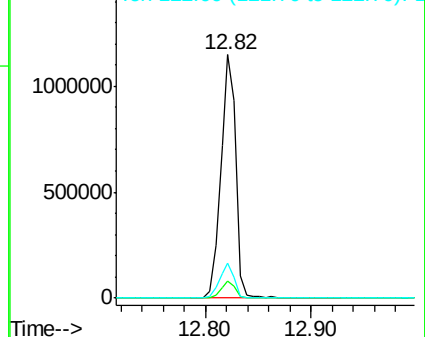
122 14.2 11.0 16.4

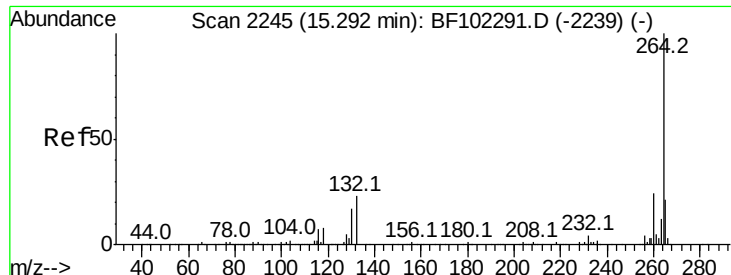


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

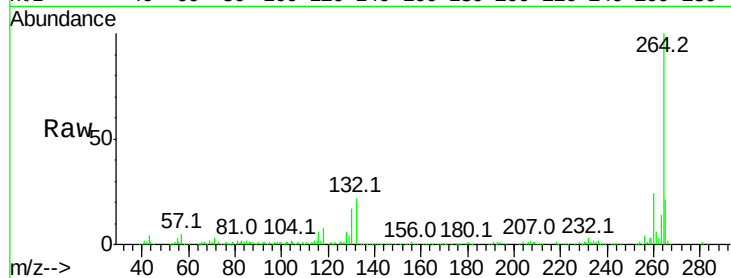




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102583.D
Acq: 29 Jan 2018 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.5	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

