

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104557.D
 Acq On : 17 Apr 2018 2:12
 Operator : JU/SJ
 Sample : J2386-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 03:04:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

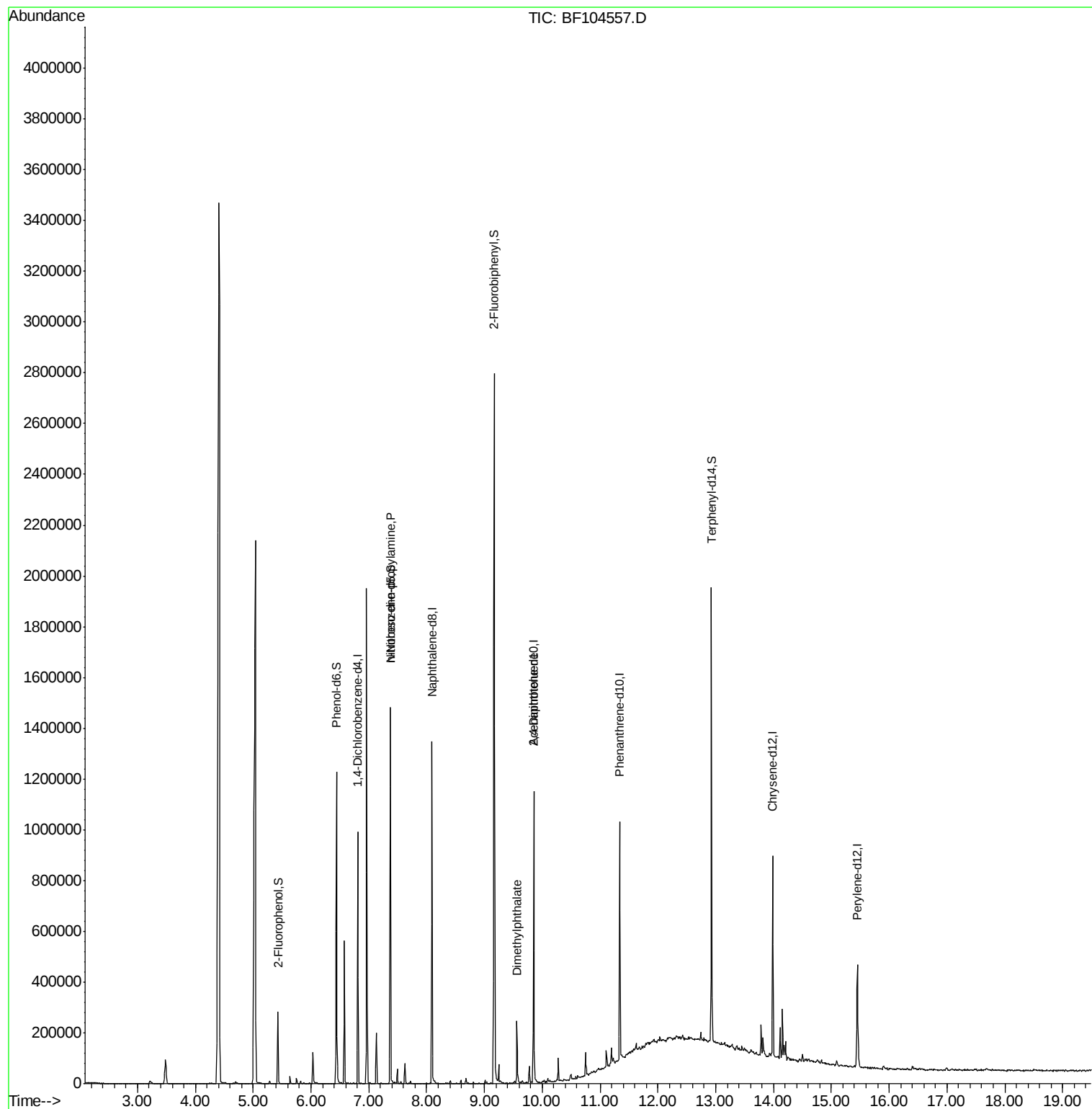
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136584	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546585	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225868	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	321322	20.00	ng	0.00
75) Chrysene-d12	13.99	240	257702	20.00	ng	0.00
86) Perylene-d12	15.45	264	188340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	83587	9.36	ng	0.00
7) Phenol-d6	6.44	99	397747	36.24	ng	-0.01
23) Nitrobenzene-d5	7.37	82	459523	54.90	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	685	0.29	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	843462	58.99	ng	0.00
78) Terphenyl-d14	12.93	244	573341	50.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	2769	Below Cal		85
19) n-Nitroso-di-n-propylamine	7.37	70	59337	8.274 ng	#	71
49) Dimethylphthalate	9.56	163	104992	5.895 ng		99
56) 2,4-Dinitrotoluene	9.85	165	28666	6.631 ng	#	23
76) Benizidine	12.93	184	7652	Below Cal		97

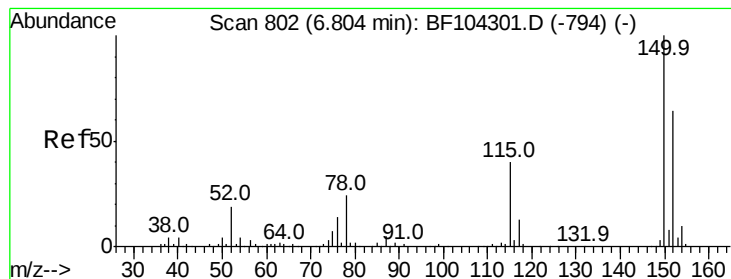
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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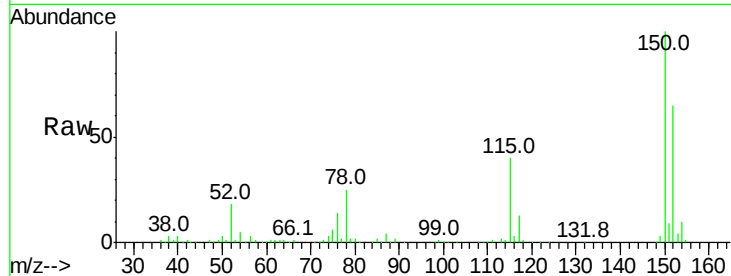


#1

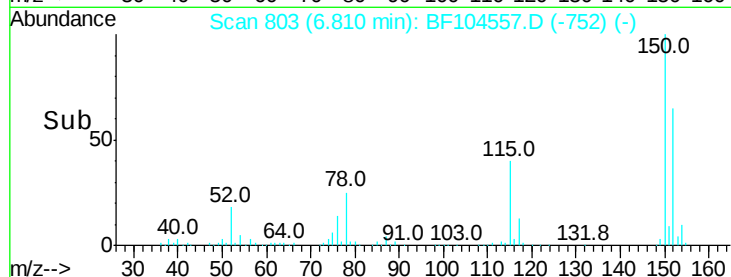
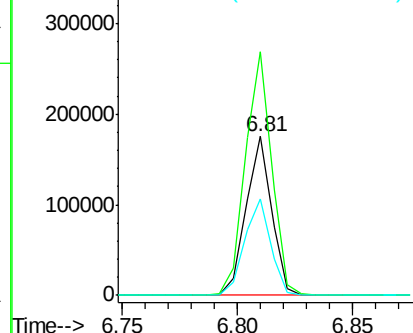
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104557.D
 Acq: 17 Apr 2018 2:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 136584
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.6 186.8
 115 60.9 50.1 75.1



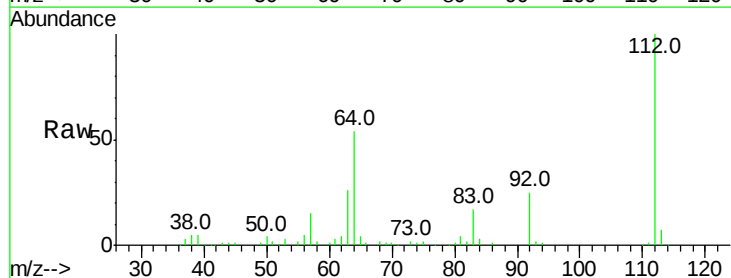
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



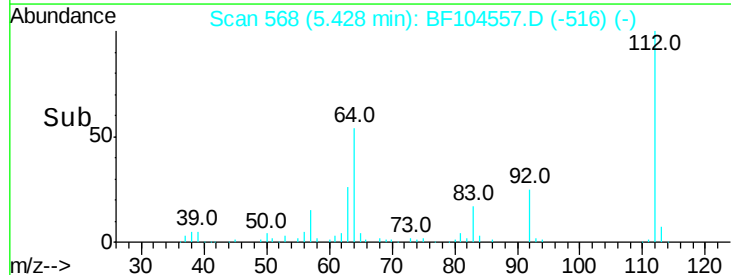
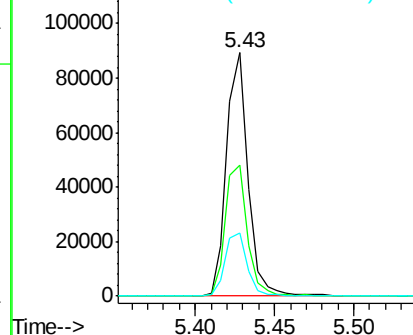
#5

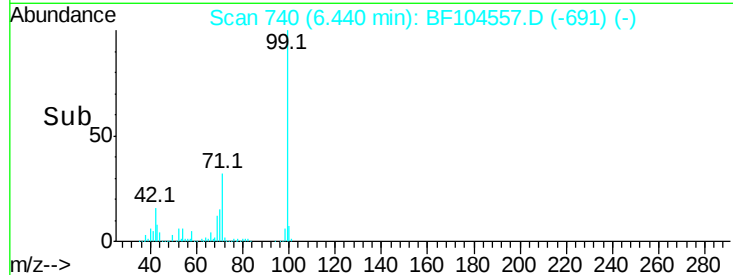
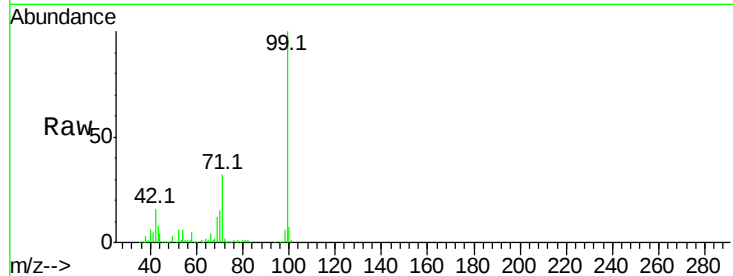
2-Fluorophenol
 Concen: 9.358 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104557.D
 Acq: 17 Apr 2018 2:12

Tgt Ion:112 Resp: 83587
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 25.7 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: 36.240 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104557.D

Acq: 17 Apr 2018 2:12

Instrument :

BNA_F

ClientSampleId :

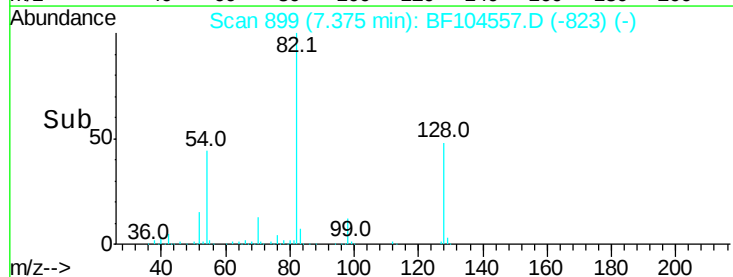
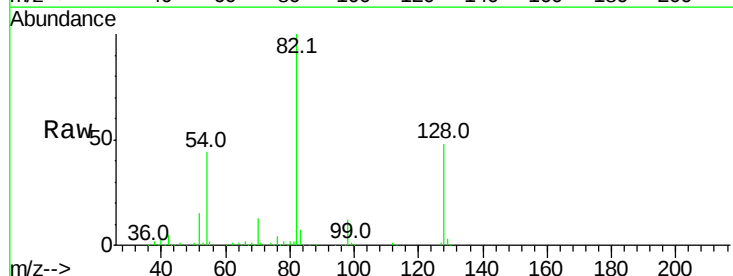
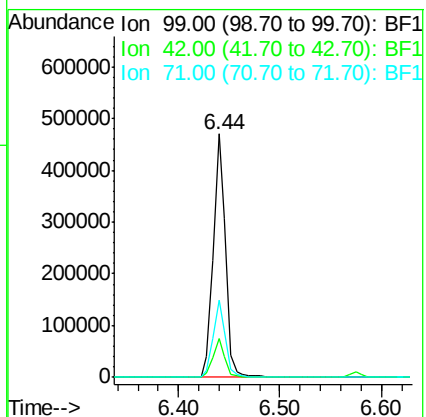
Tot Ion: 99 Resp: 397747

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.274 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104557.D

Acq: 17 Apr 2018 2:12

Tgt Ion: 70 Resp: 59337

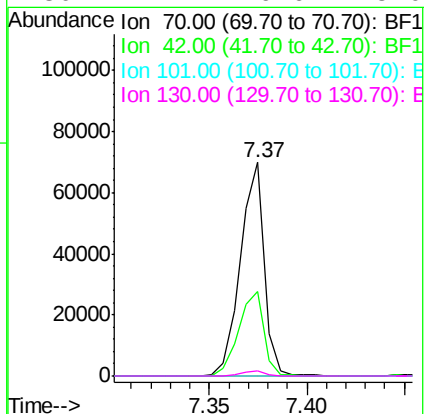
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

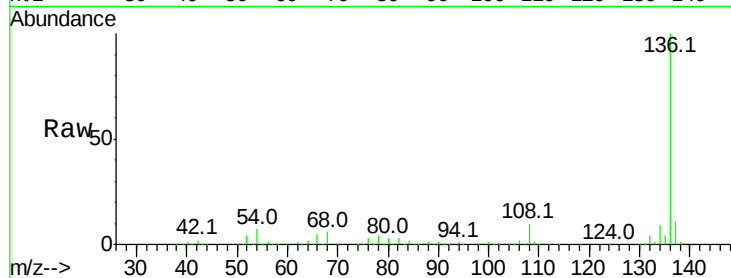




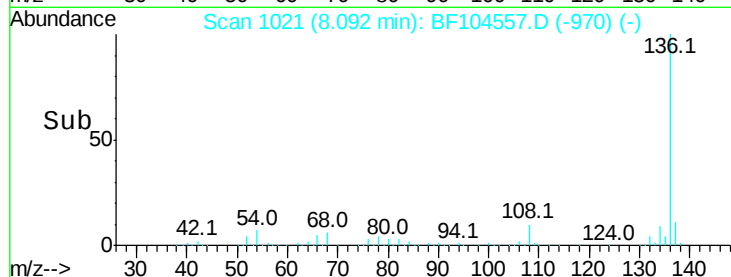
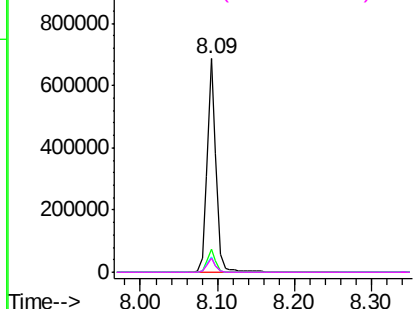
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	546585
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	6.3	5.0	7.4

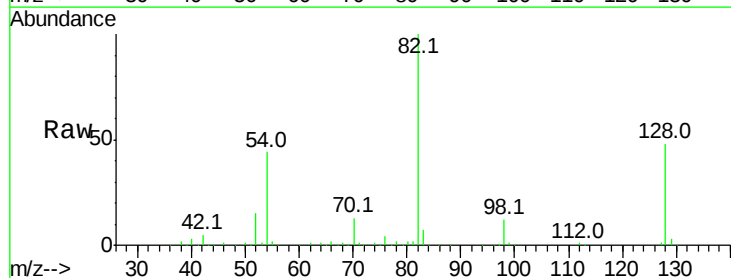


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

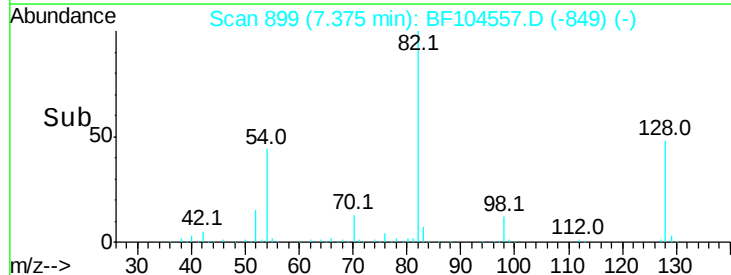
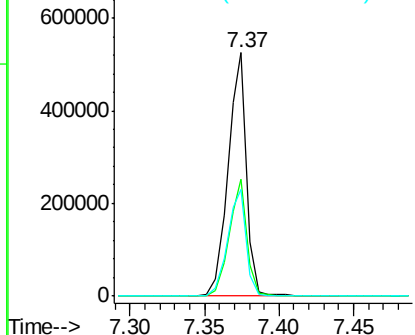


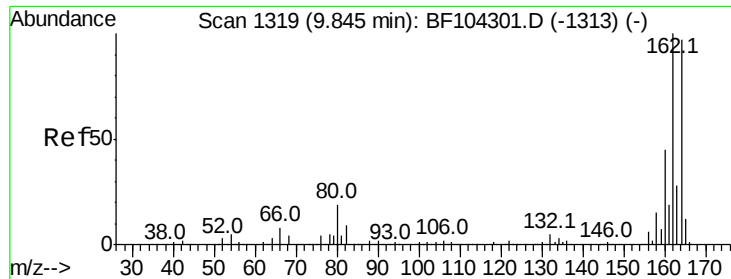
#23
Nitrobenzene-d5
Concen: 54.897 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:	82	Resp:	459523
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.0	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

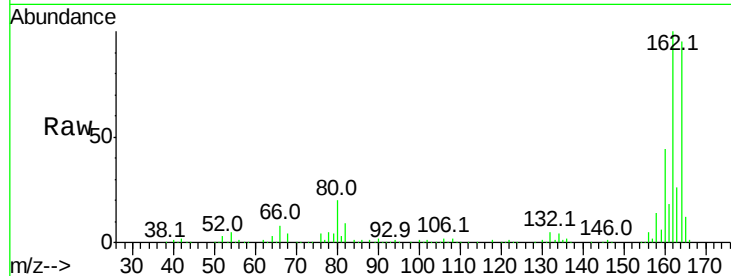




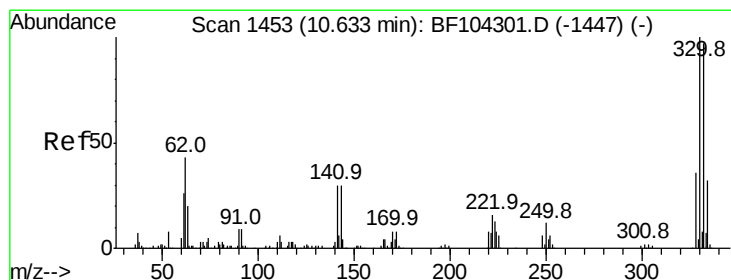
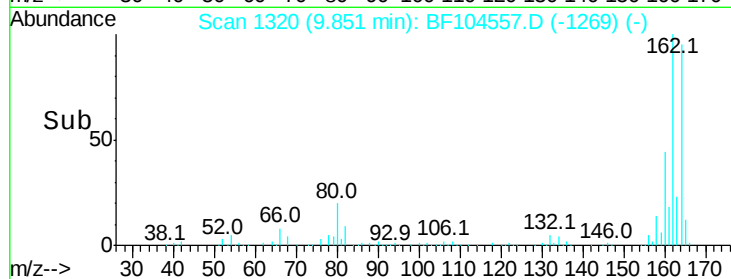
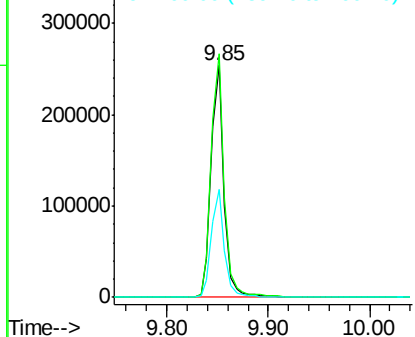
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 225868
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.3 38.3 57.5

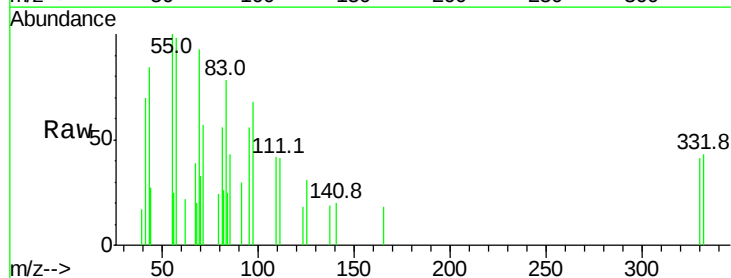


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

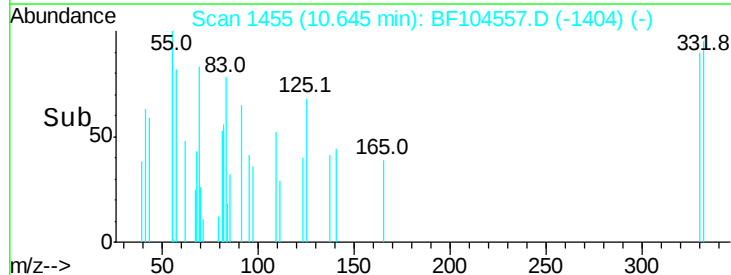
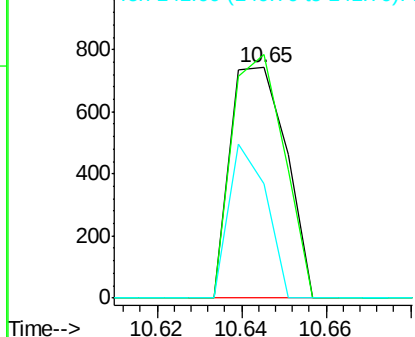


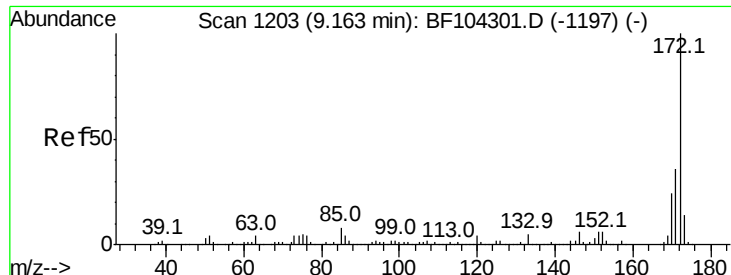
#41
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:330 Resp: 685
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 44.5 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

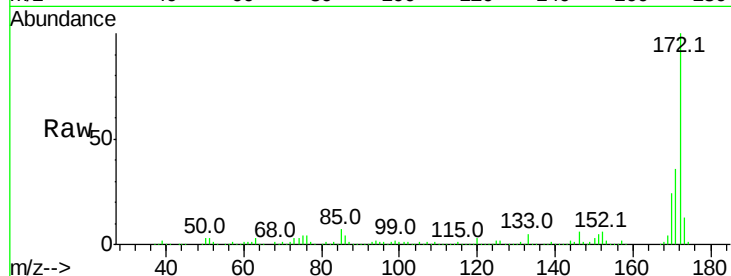




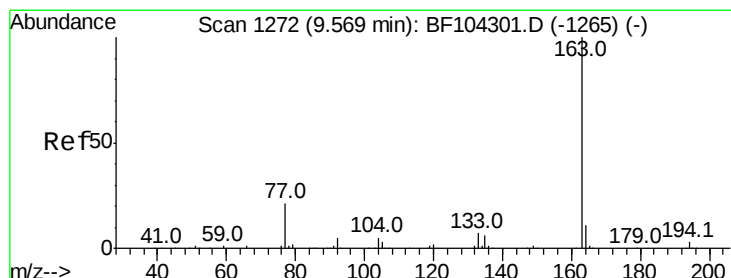
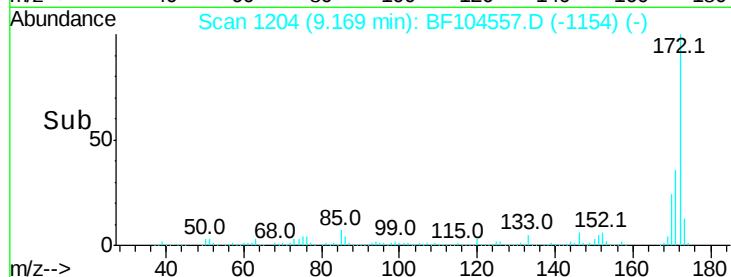
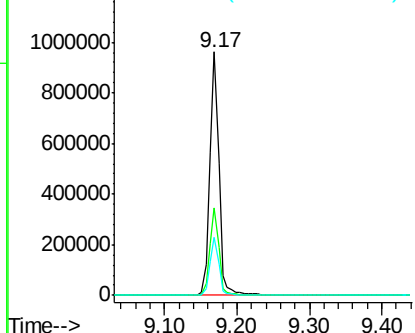
#44
2-Fluorobiphenyl
Concen: 58.993 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 843462
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.9 19.6 29.4

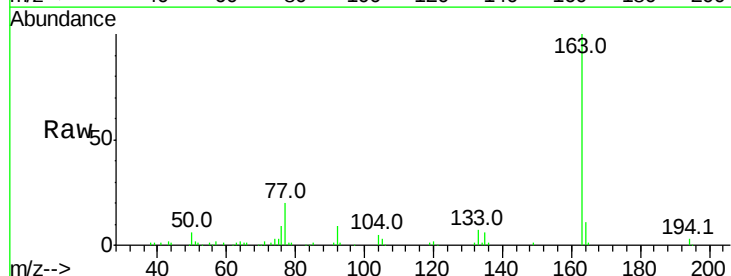


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

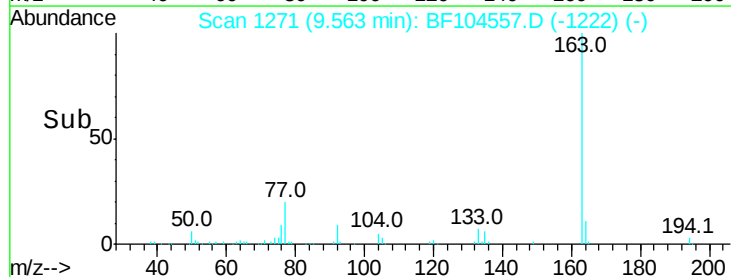
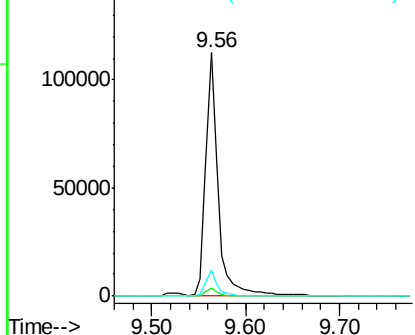


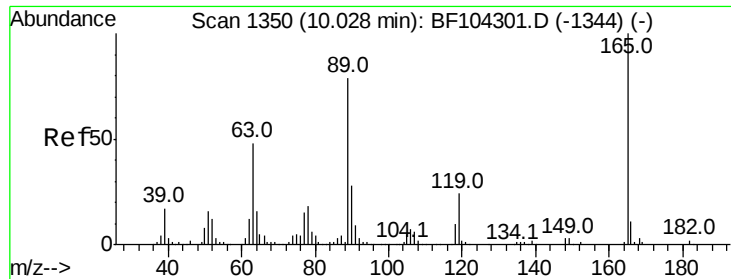
#49
Dimethylphthalate
Concen: 5.895 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Tgt Ion:163 Resp: 104992
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 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

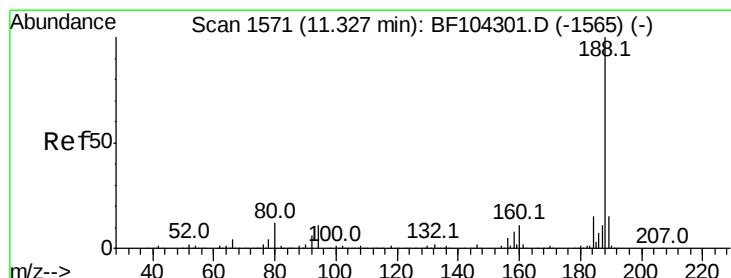
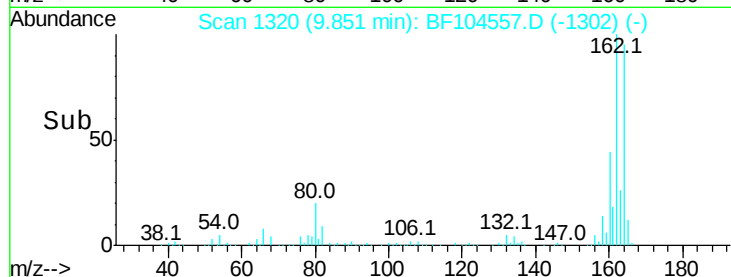
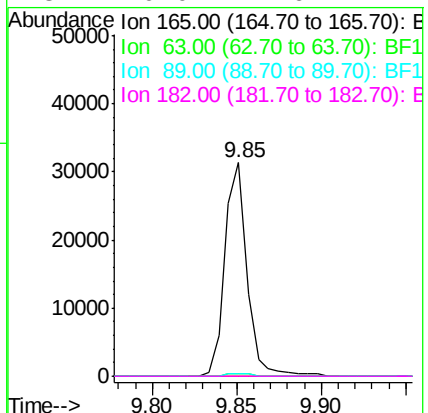
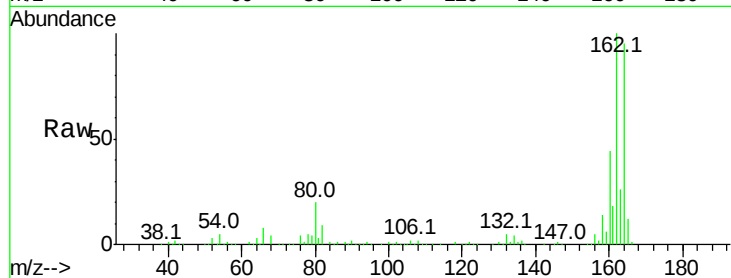




#56
 2,4-Dinitrotoluene
 Concen: 6.631 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104557.D
 Acq: 17 Apr 2018 2:12

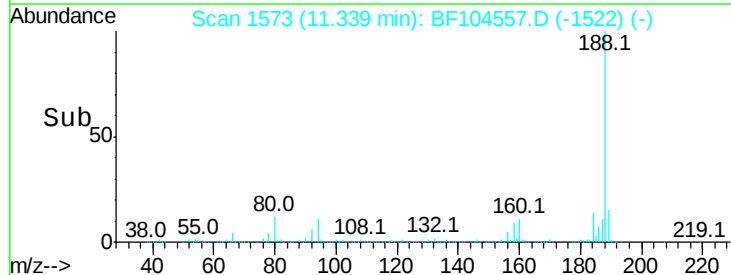
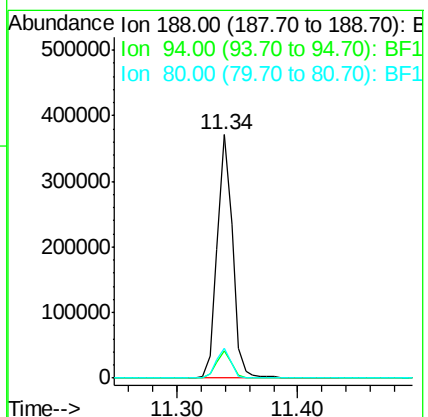
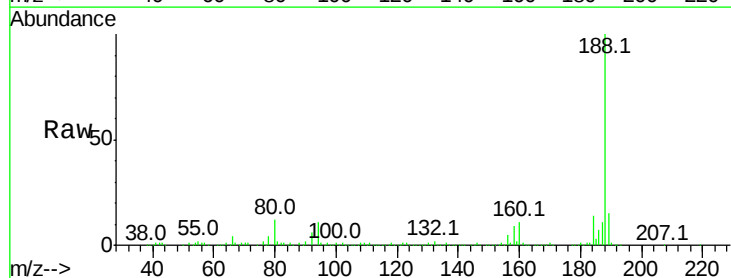
Instrument :
 BNA_F
 ClientSampleId :

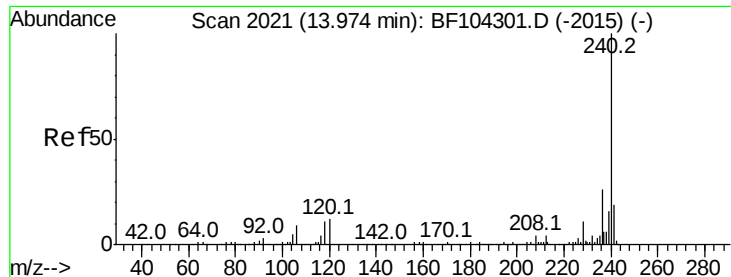
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF104557.D
 Acq: 17 Apr 2018 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.4	9.2	13.8





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104557.D

Acq: 17 Apr 2018 2:12

Instrument :

BNA_F

ClientSampleId :

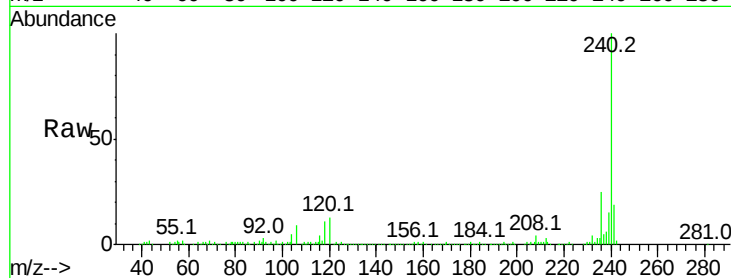
Tot Ion:240 Resp: 257702

Ion Ratio Lower Upper

240 100

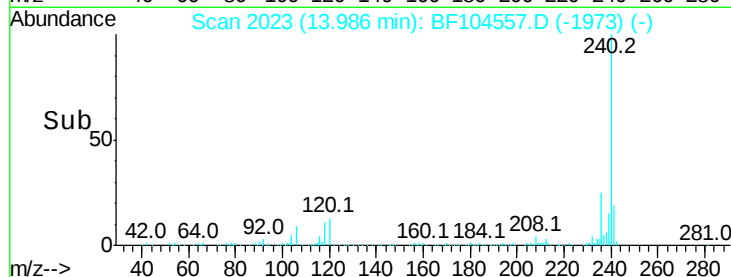
120 13.1 9.5 14.3

236 25.2 20.7 31.1

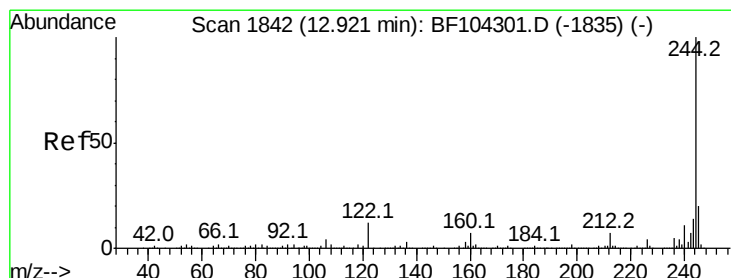


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.99



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 50.722 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104557.D

Acq: 17 Apr 2018 2:12

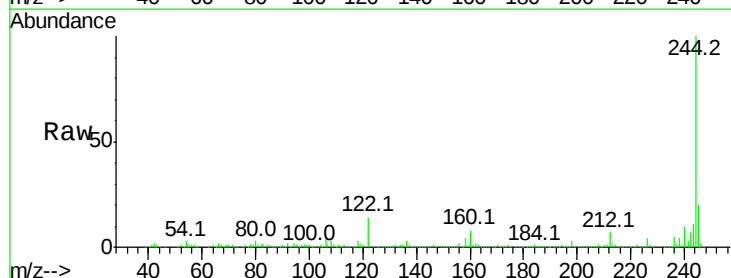
Tgt Ion:244 Resp: 573341

Ion Ratio Lower Upper

244 100

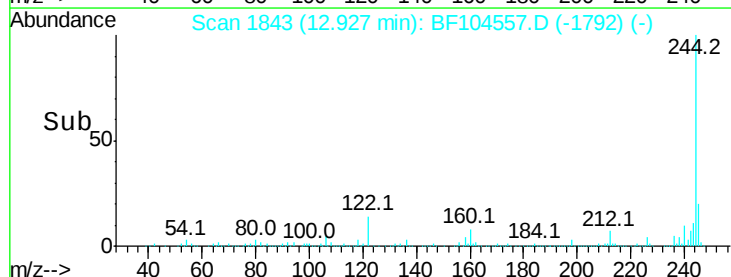
212 6.5 5.4 8.0

122 14.0 11.0 16.4

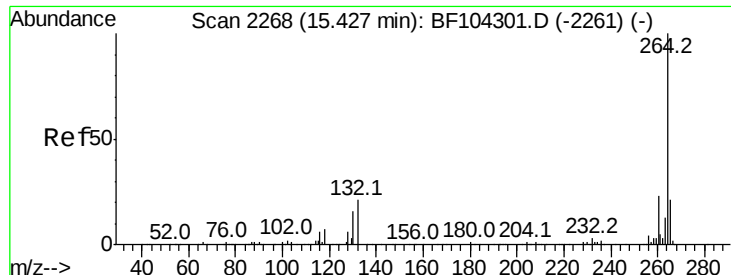


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.93



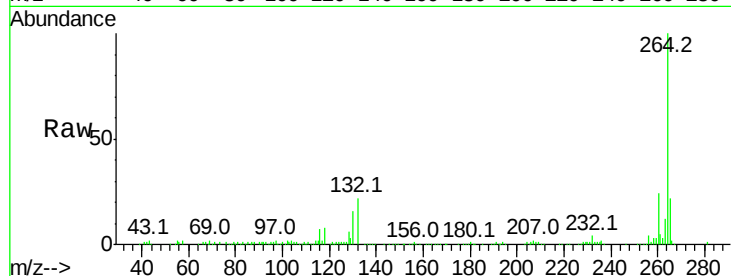
Time--> 12.90 13.00



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104557.D
Acq: 17 Apr 2018 2:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 188340
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.5 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

