

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104559.D
 Acq On : 17 Apr 2018 3:05
 Operator : JU/SJ
 Sample : J2360-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 03:37:46 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	169236	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	680730	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	275427	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	406769	20.00	ng	0.00
75) Chrysene-d12	13.99	240	324565	20.00	ng	0.00
86) Perylene-d12	15.45	264	242379	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1019976	92.16	ng	0.01
7) Phenol-d6	6.45	99	1251314	92.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	784699	75.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229244	80.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1276060	73.19	ng	0.00
78) Terphenyl-d14	12.93	244	925752	65.03	ng	0.00

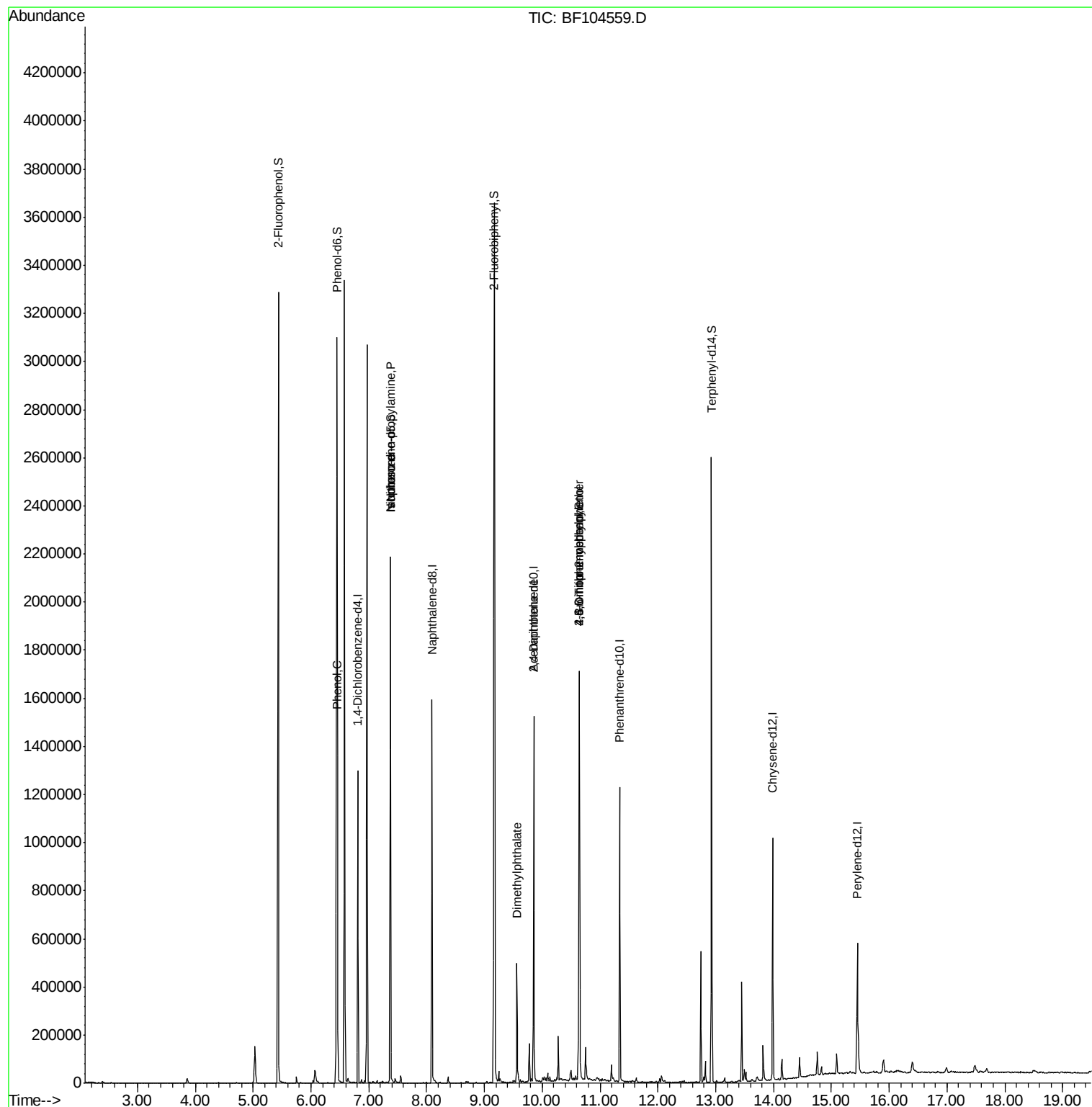
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.46	94	47599	3.299	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	102708	11.558	ng	# 73
25) Isophorone	7.37	82	784688	35.595	ng	# 64
49) Dimethylphthalate	9.56	163	188838	8.694	ng	100
56) 2,4-Dinitrotoluene	9.85	165	35126	6.663	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.65	198	329	7.488	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	14308	3.307	ng	# 1
76) Benzidine	12.93	184	11792	Below Cal		# 93

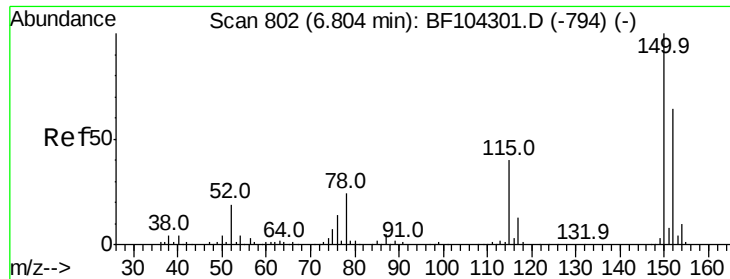
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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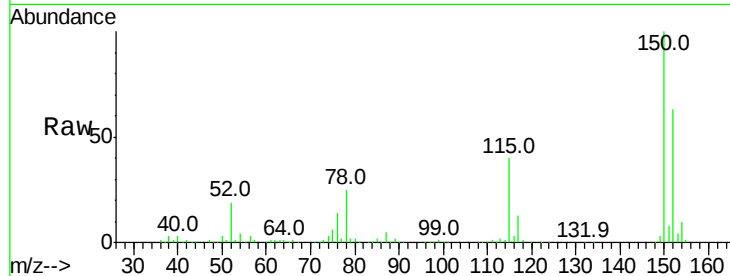


#1

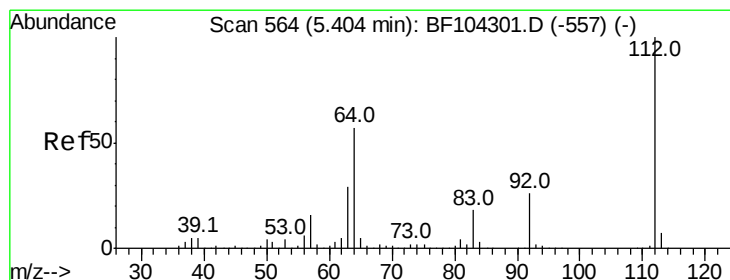
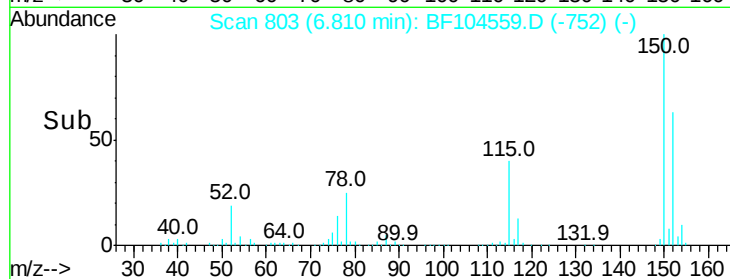
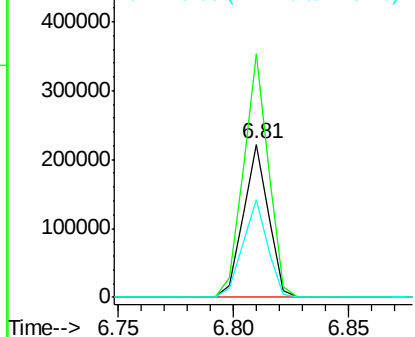
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169236
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 63.5 50.1 75.1



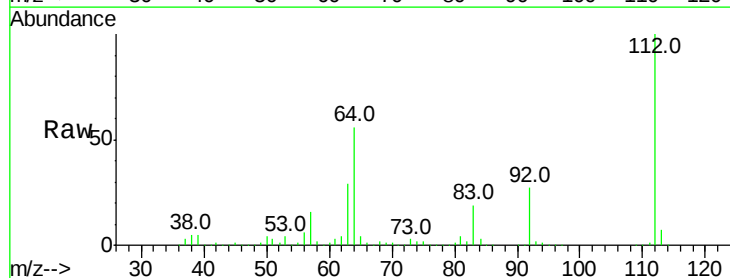
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



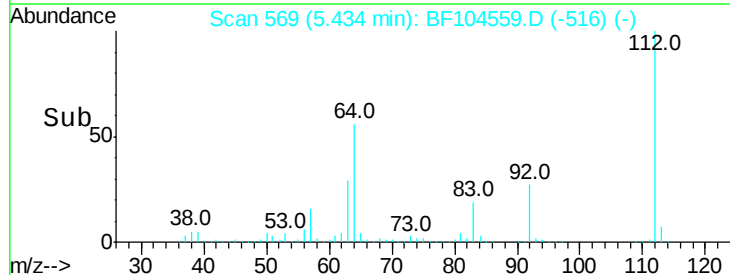
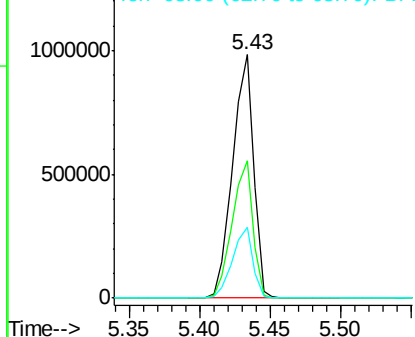
#5

2-Fluorophenol
Concen: 92.155 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion:112 Resp: 1019976
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.9 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: 92.015 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

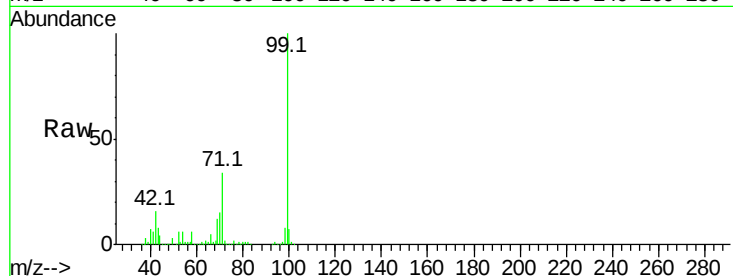
Tot Ion: 99 Resp: 1251314

Ion Ratio Lower Upper

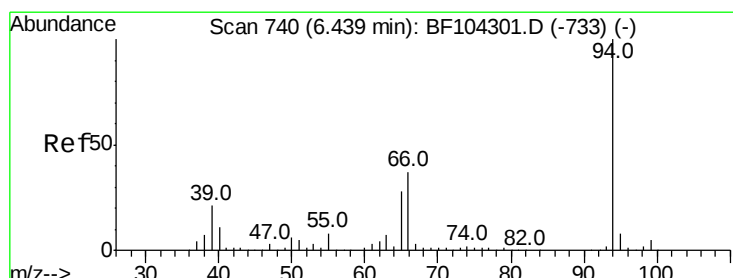
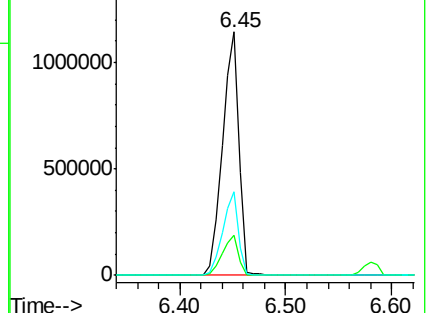
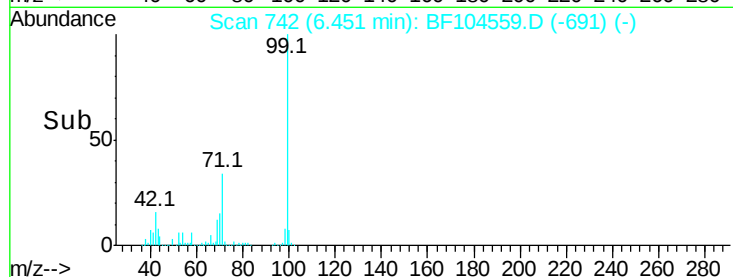
99 100

42 16.5 14.5 21.7

71 34.3 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: 3.299 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

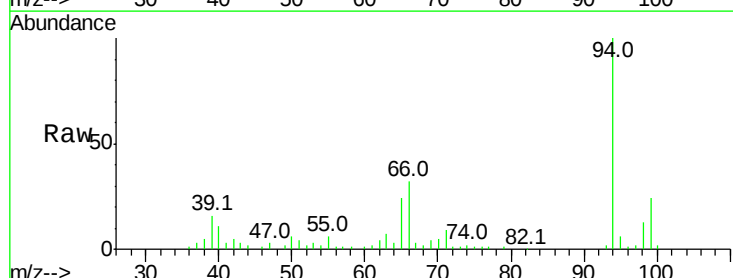
Tgt Ion: 94 Resp: 47599

Ion Ratio Lower Upper

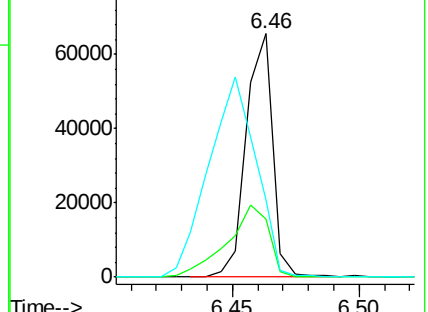
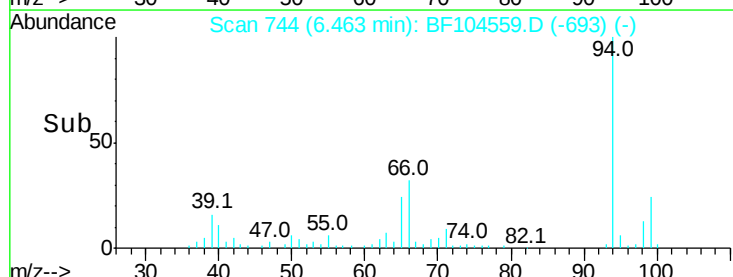
94 100

65 23.8 7.9 47.9

66 31.9 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: 11.558 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 102708

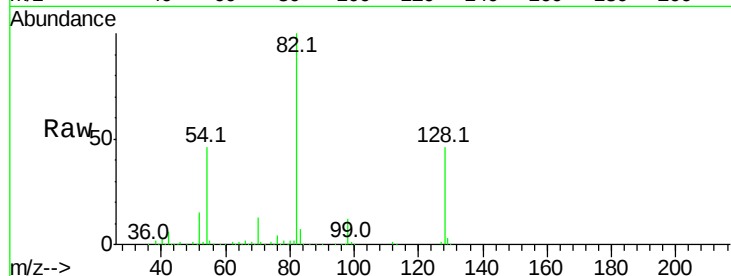
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

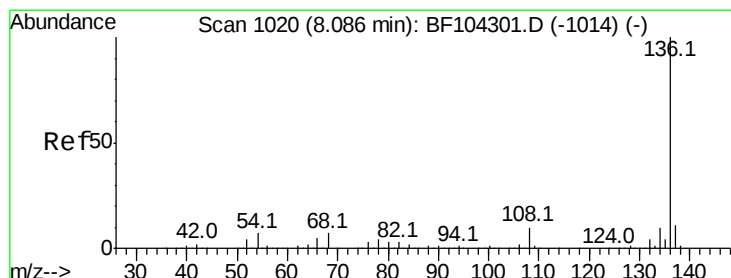
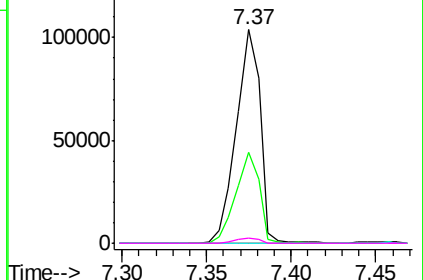
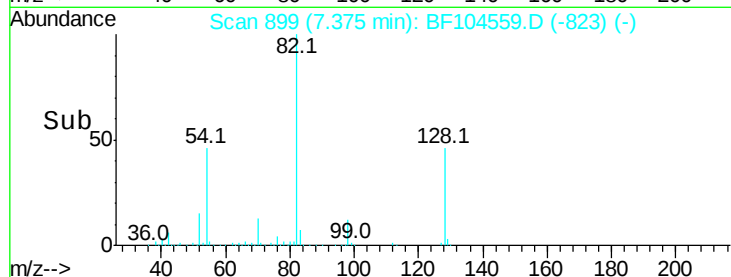


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Tgt Ion:136 Resp: 680730

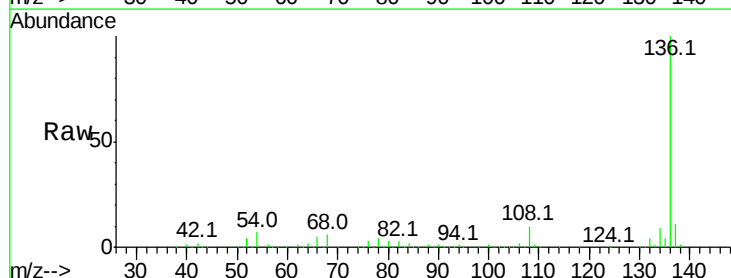
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.4 5.0 7.4

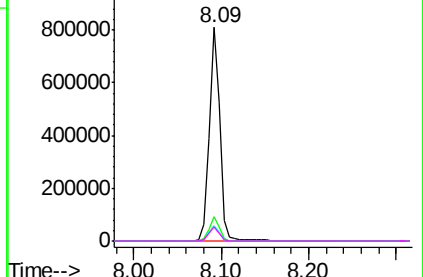
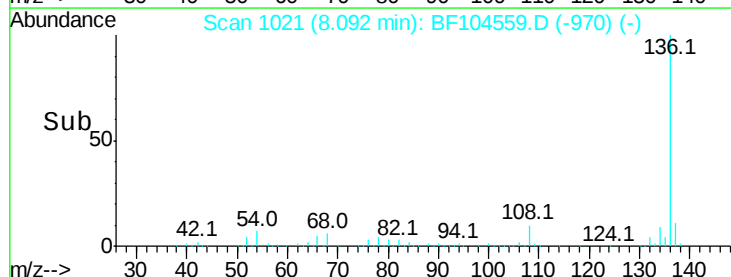


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

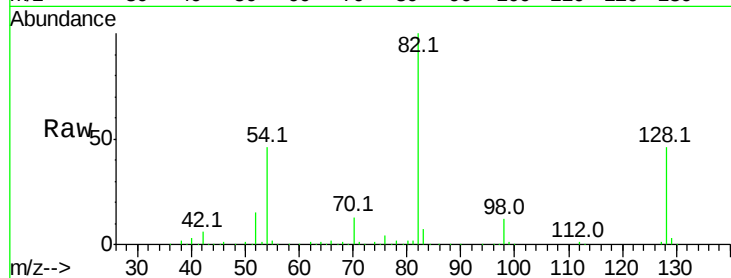




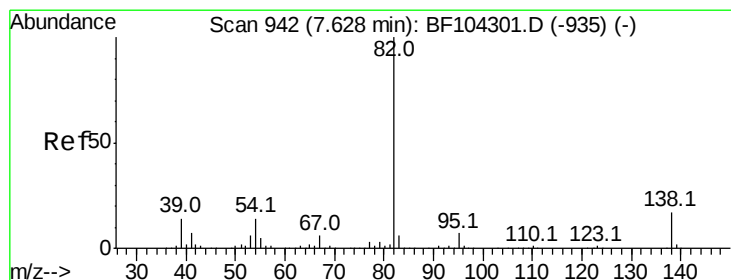
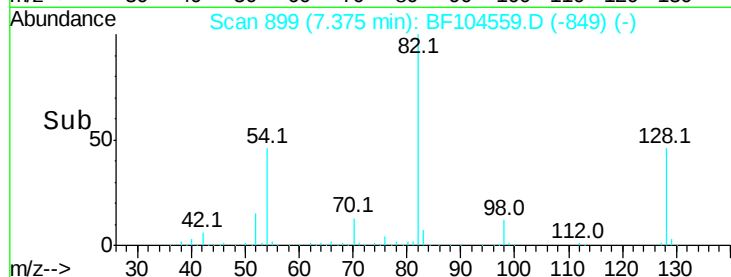
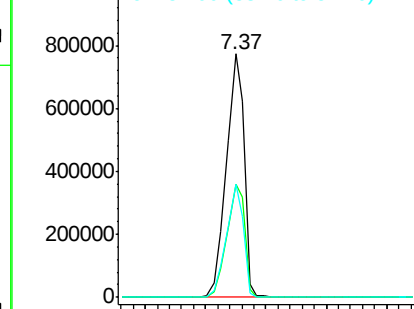
#23
 Nitrobenzene-d5
 Concen: 75.271 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	784699
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.2	41.4	62.2

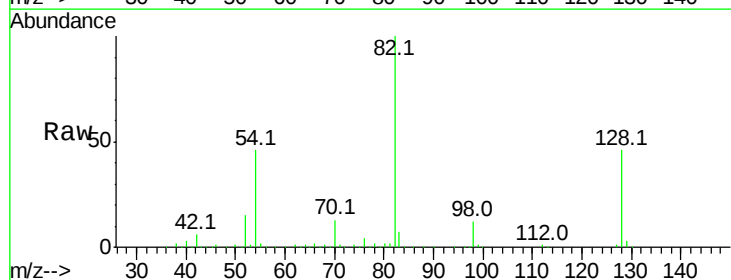


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

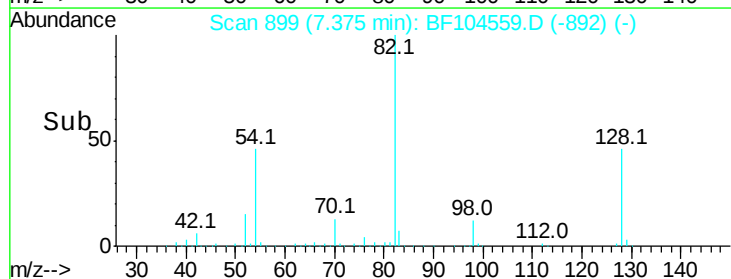
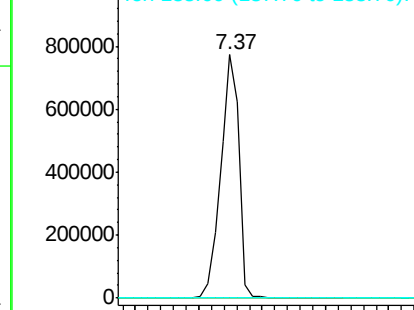


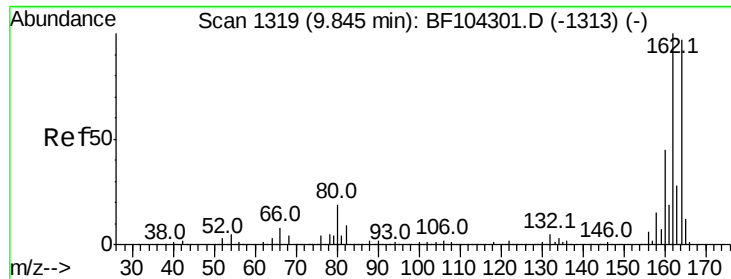
#25
 Isophorone
 Concen: 35.595 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Tgt Ion	82	Resp	784688
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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

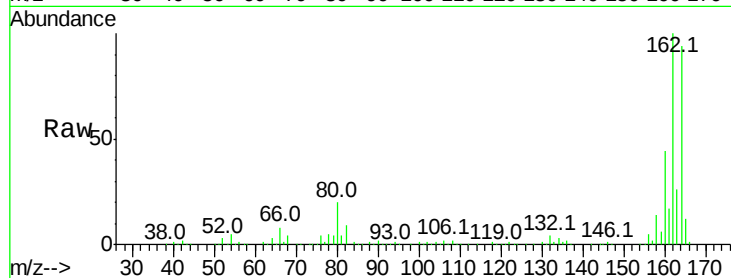




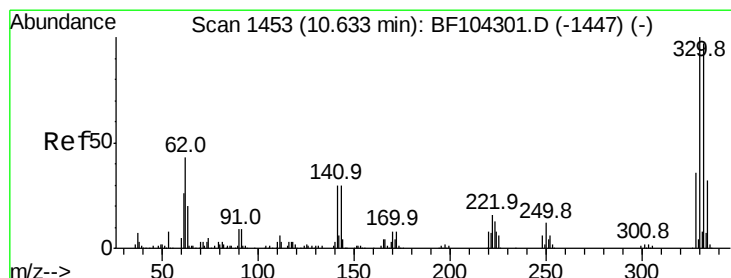
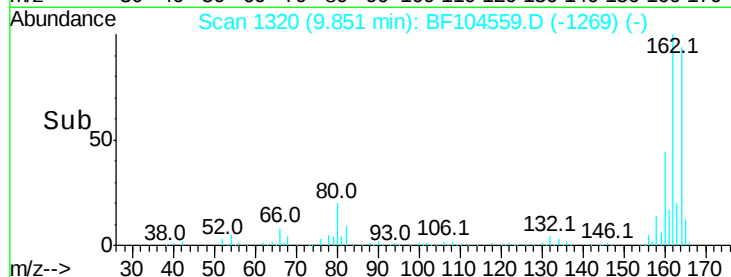
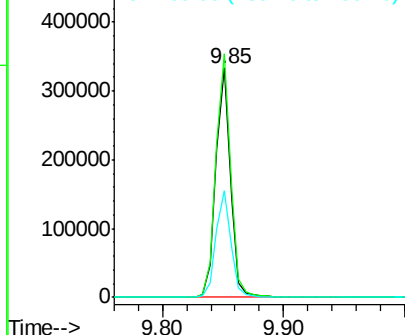
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 275427
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 46.6 38.3 57.5

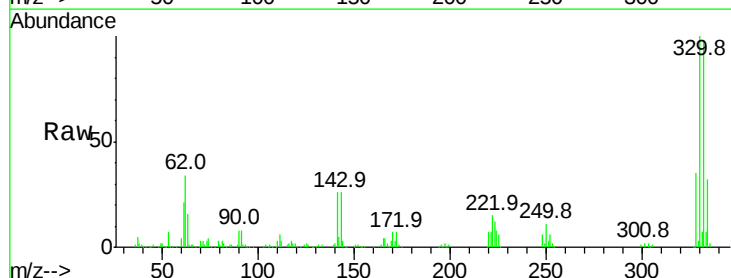


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

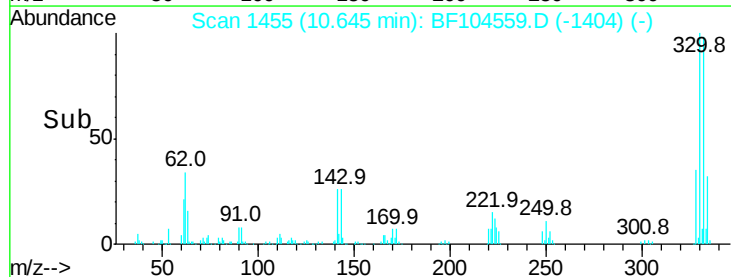
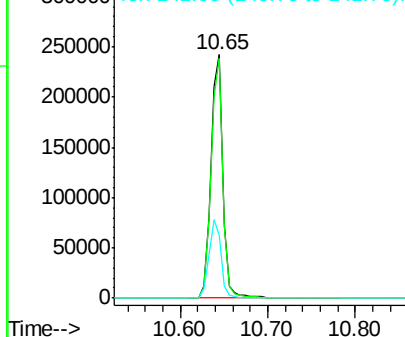


#41
2,4,6-Tribromophenol
Concen: 80.237 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion:330 Resp: 229244
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 32.7 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



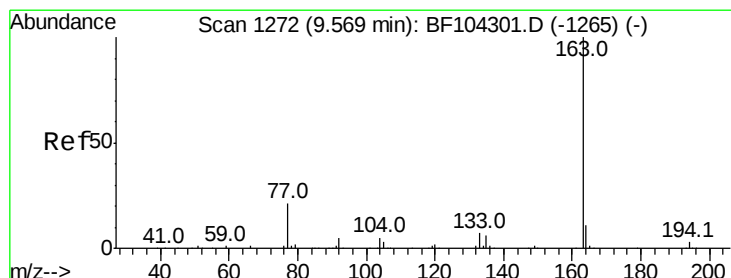
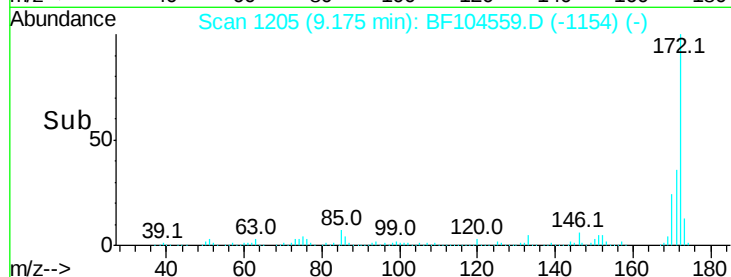
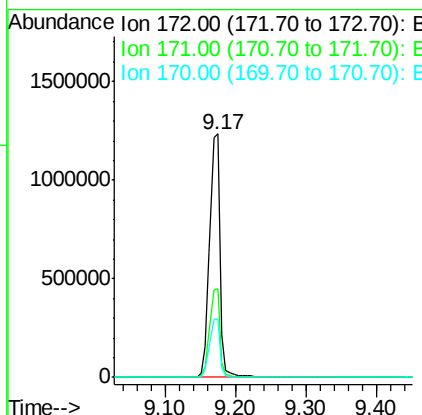
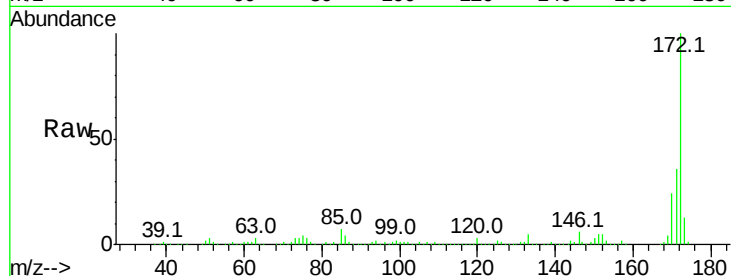


#44
 2-Fluorobiphenyl
 Concen: 73.190 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1276060

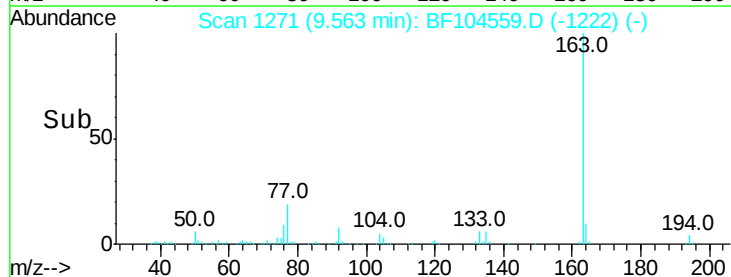
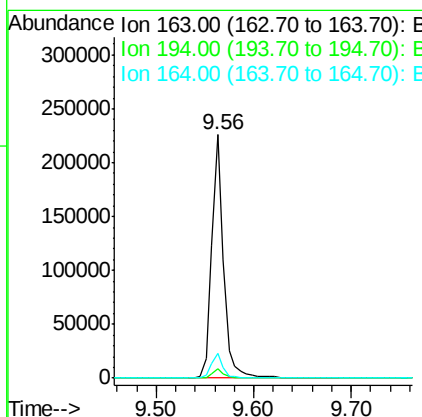
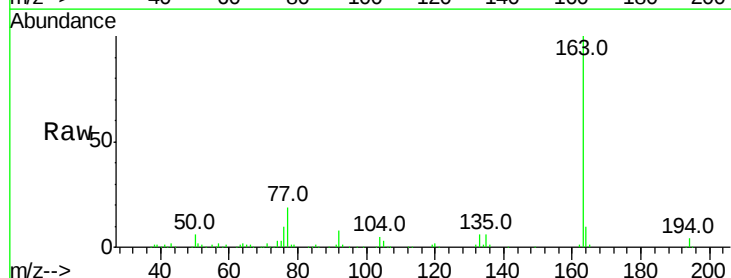
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

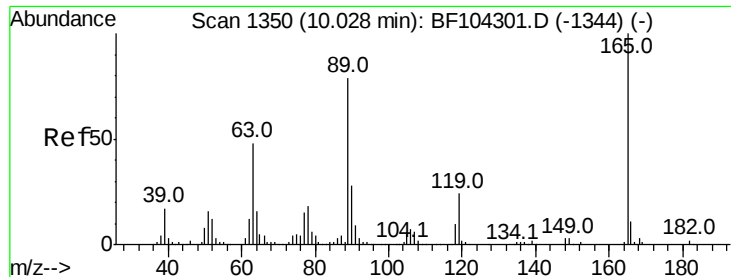


#49
 Dimethylphthalate
 Concen: 8.694 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Tgt Ion:163 Resp: 188838

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

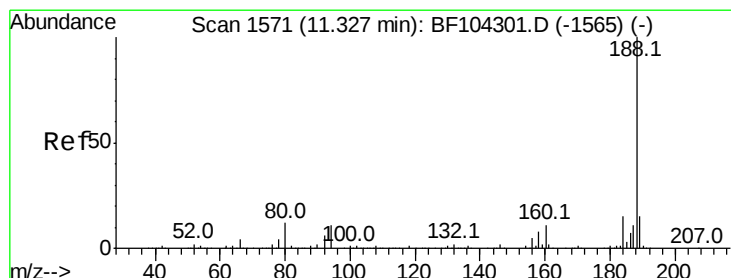
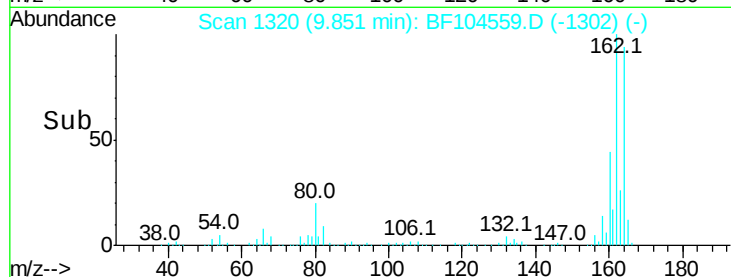
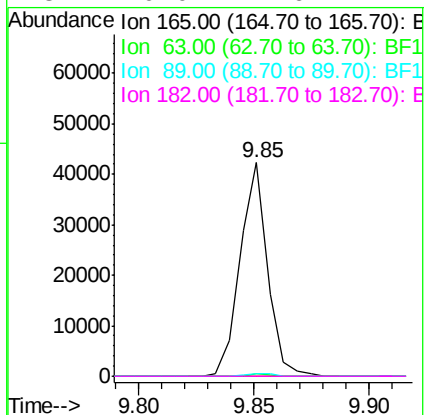
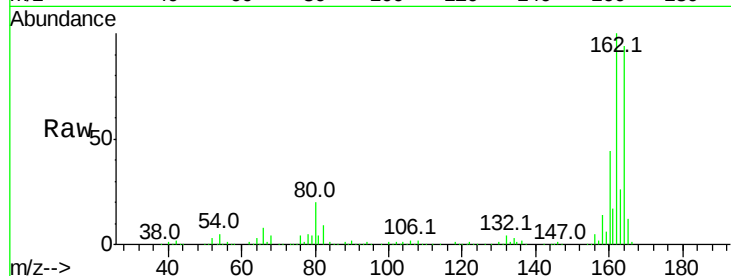




#56
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104559.D
Acq: 17 Apr 2018 3:05

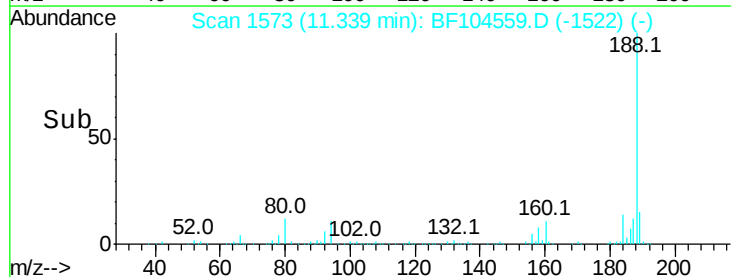
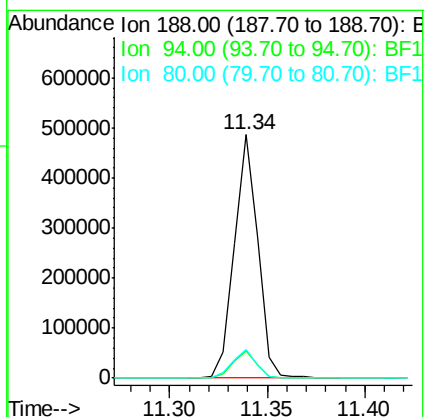
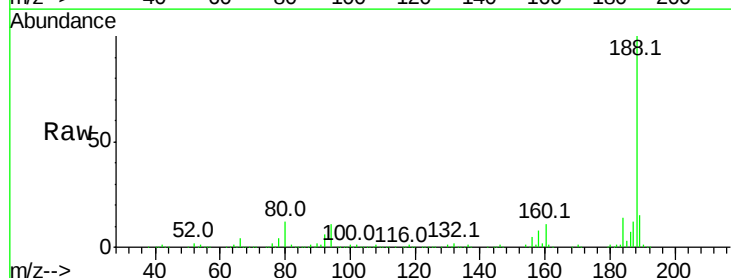
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 35126
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.2 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: BF104559.D
Acq: 17 Apr 2018 3:05

Tgt Ion:188 Resp: 406769
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.488 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.19 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

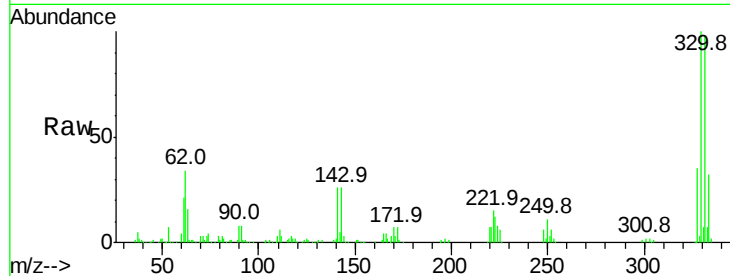
Tot Ion:198 Resp: 329

Ion Ratio Lower Upper

198 100

51 119.7 37.7 77.7#

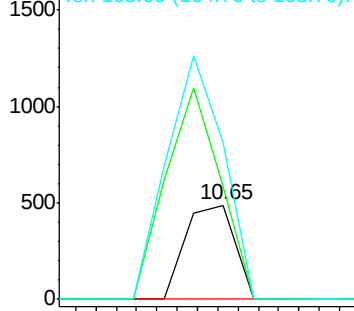
105 166.3 36.3 76.3#



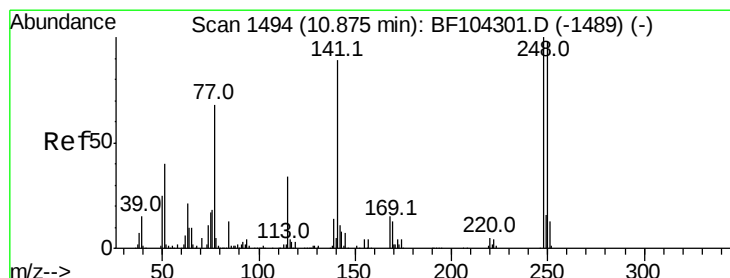
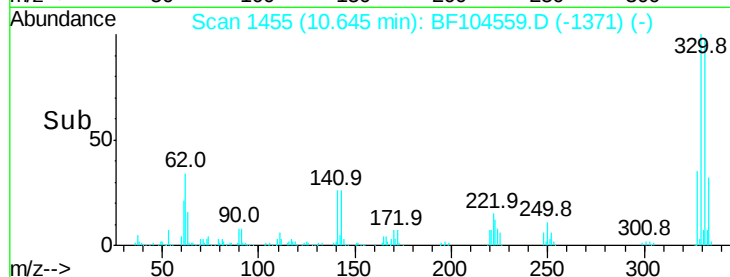
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.307 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

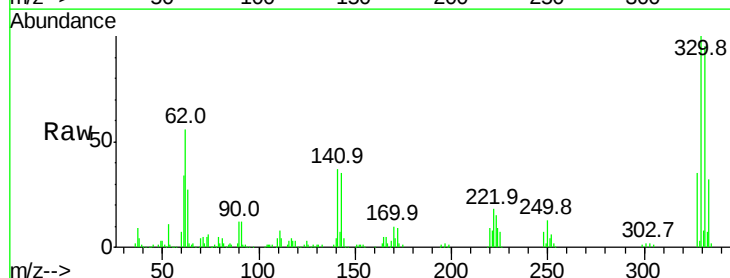
Tgt Ion:248 Resp: 14308

Ion Ratio Lower Upper

248 100

250 189.8 76.9 115.3#

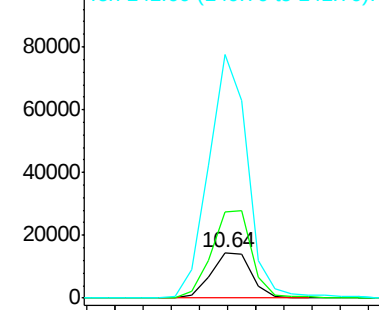
141 535.0 74.4 111.6#



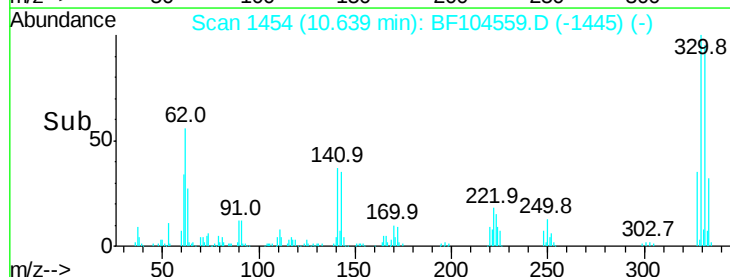
Abundance Ion 248.00 (247.70 to 248.70): E

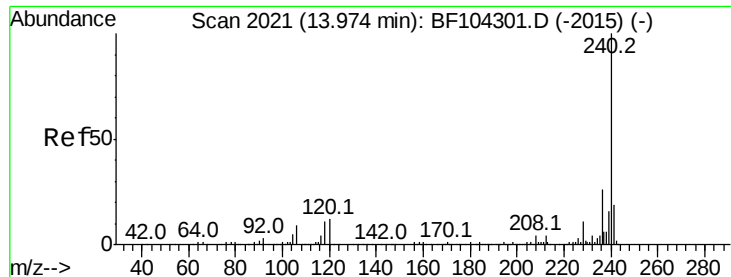
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

Instrument :

BNA_F

ClientSampleId :

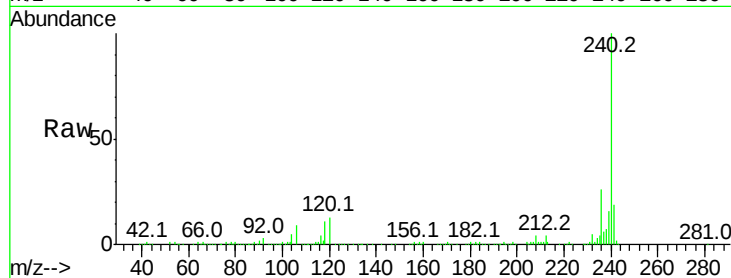
Tot Ion:240 Resp: 324565

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

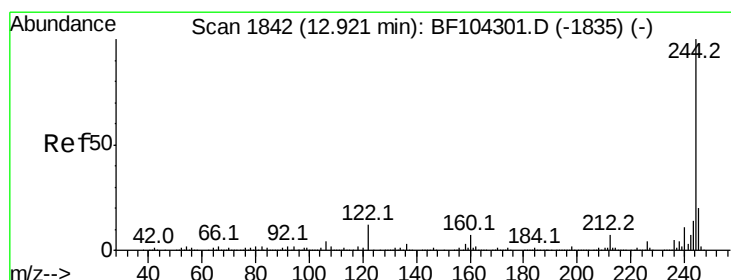
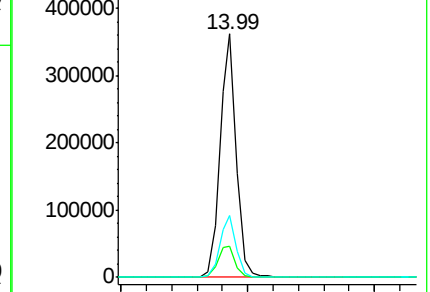
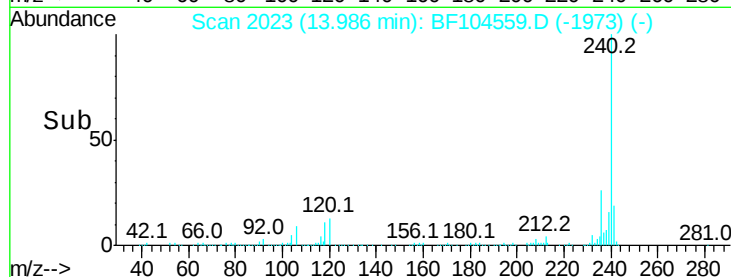
236 25.6 20.7 31.1



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: 65.027 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104559.D

Acq: 17 Apr 2018 3:05

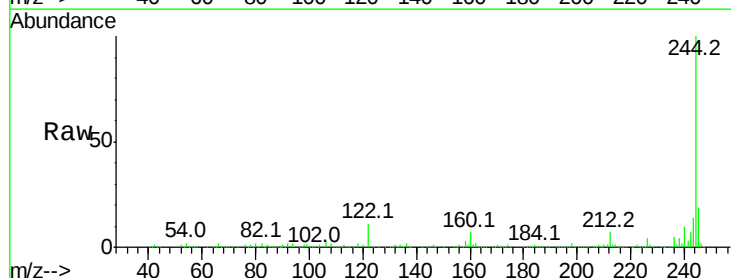
Tgt Ion:244 Resp: 925752

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

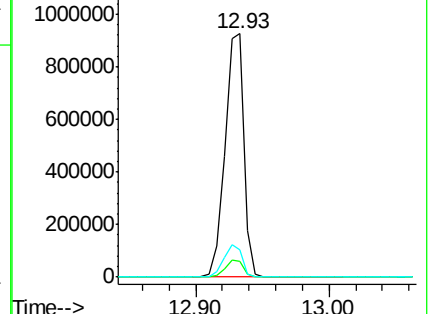
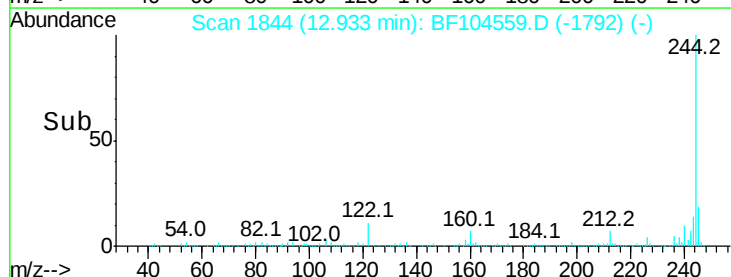
122 11.0 11.0 16.4

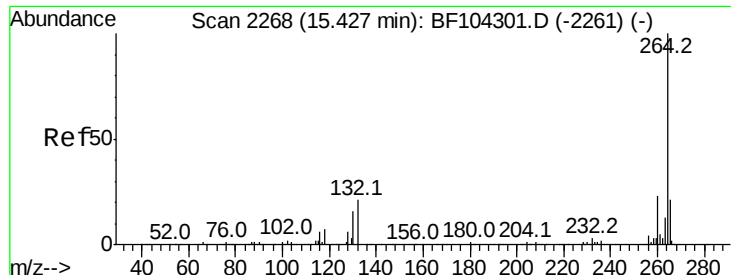


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

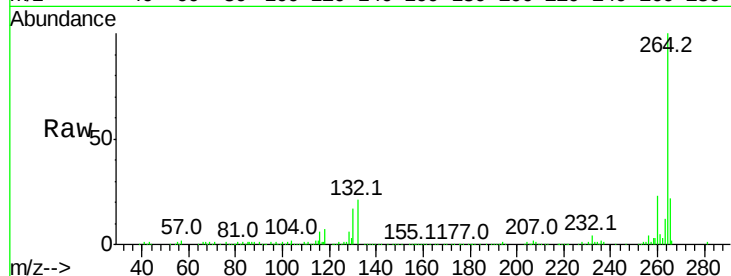




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104559.D
 Acq: 17 Apr 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	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

