

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104427.D
 Acq On : 11 Apr 2018 9:58
 Operator : JU/SJ
 Sample : J2304-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 11 11:54:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

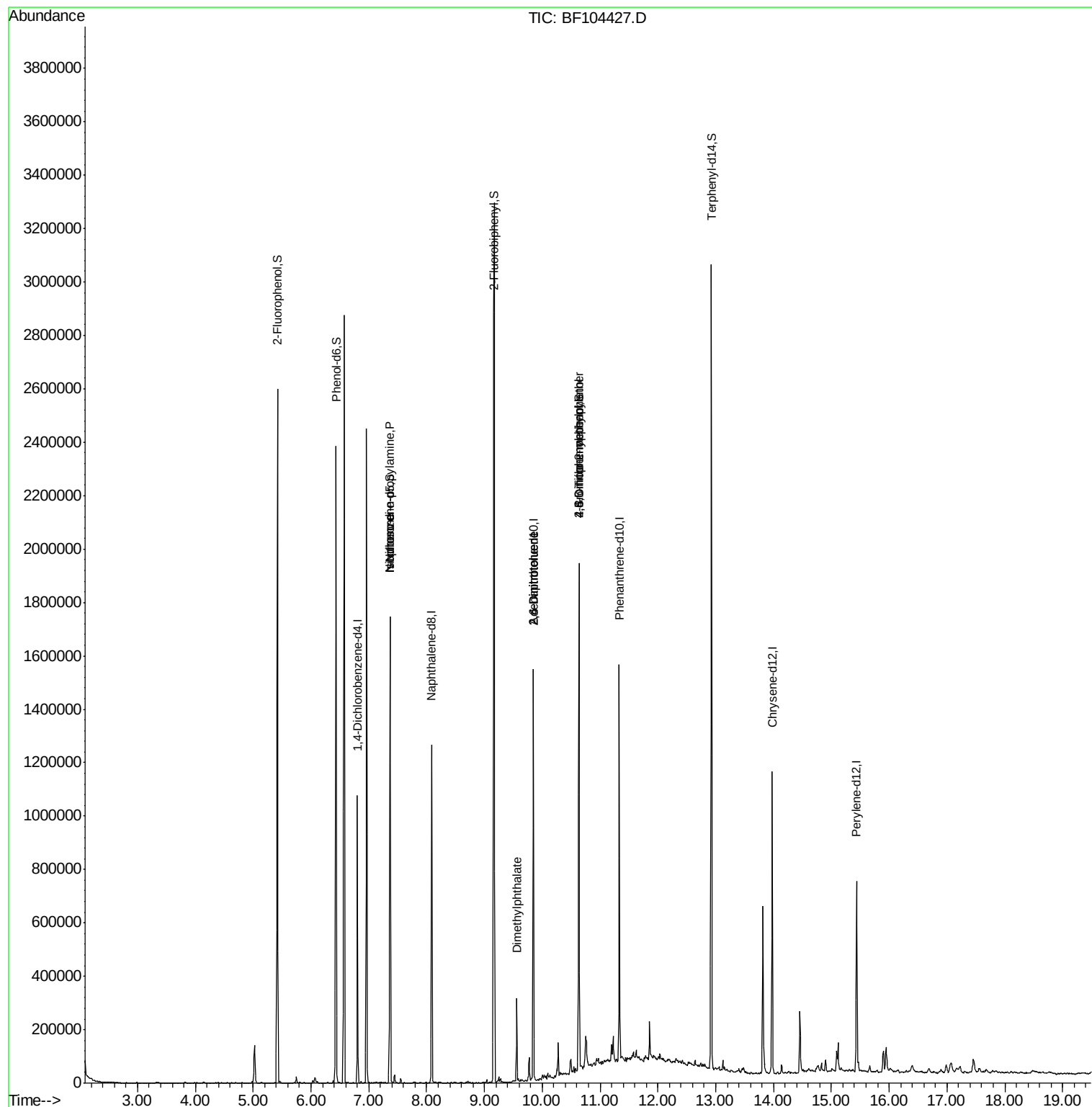
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149897	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	624900	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	295508	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	501823	20.00	ng	0.00
75) Chrysene-d12	13.97	240	379213	20.00	ng	-0.01
86) Perylene-d12	15.44	264	305435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	805848	82.20	ng	0.01
7) Phenol-d6	6.43	99	1024258	85.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	636584	66.52	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	269868	88.04	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1123738	60.07	ng	0.00
78) Terphenyl-d14	12.93	244	1066773	64.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	83474	10.605	ng	# 73
25) Isophorone	7.37	82	635048	31.381	ng	# 64
49) Dimethylphthalate	9.56	163	113065	4.852	ng	100
50) 2,6-Dinitrotoluene	9.85	165	37432	8.681	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	37432	6.618	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	521	7.528	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	16010	2.999	ng	# 1
76) Benzidine	12.93	184	14015	Below Cal		95

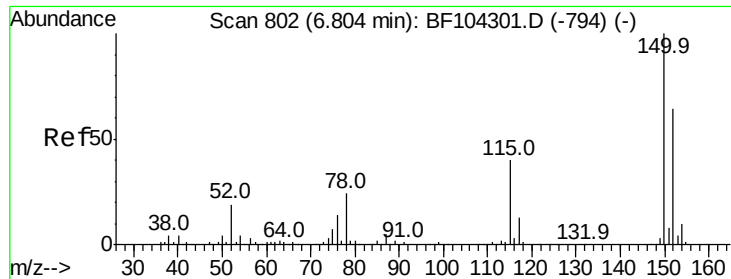
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104427.D
Acq On : 11 Apr 2018 9:58
Operator : JU/SJ
Sample : J2304-01RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-1

Quant Time: Apr 11 11:54:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 12:04:31 2018
Response via : Initial Calibration



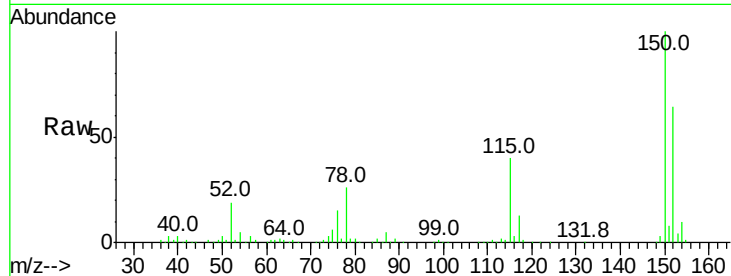


#1

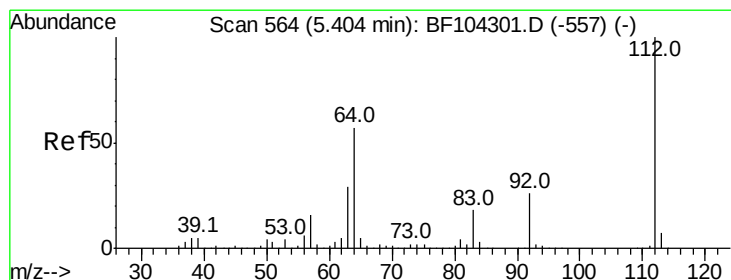
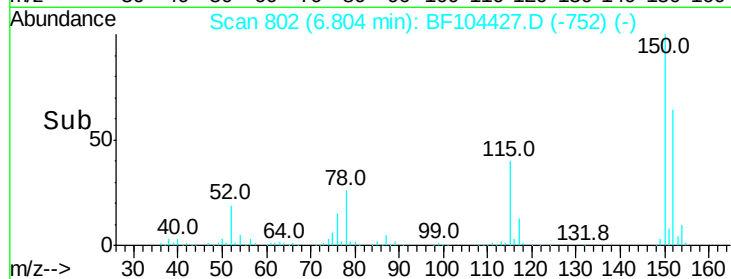
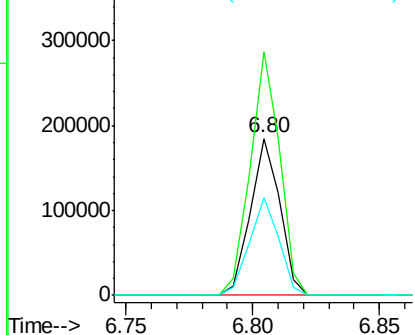
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 149897
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 62.4 50.1 75.1



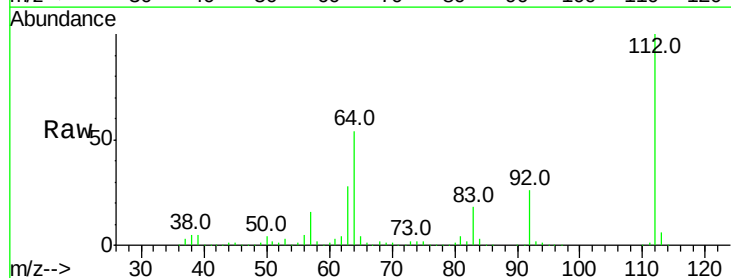
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



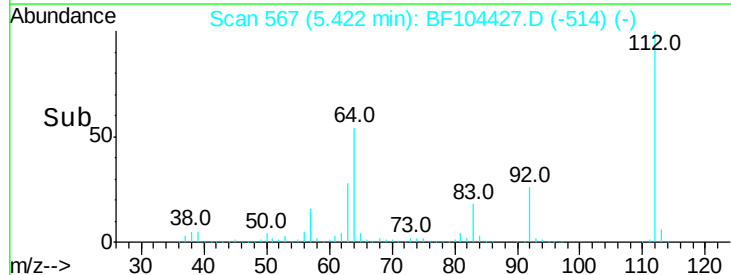
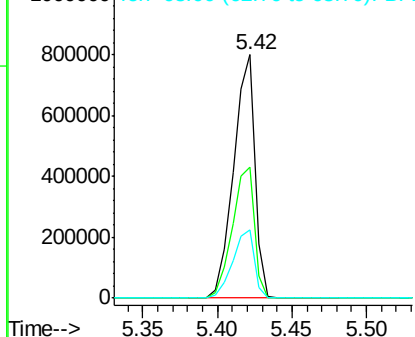
#5

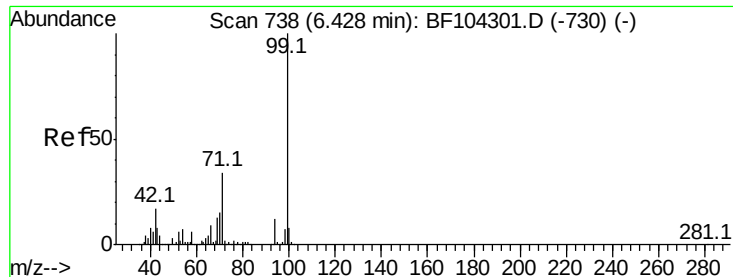
2-Fluorophenol
Concen: 82.202 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Tgt Ion:112 Resp: 805848
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.9 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: 85.036 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

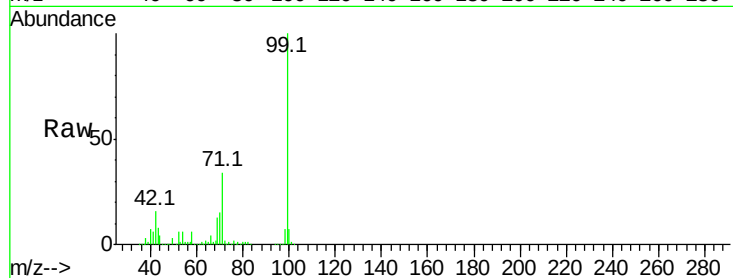
BNA_F

ClientSampleId :

SP-1

Tot Ion: 99 Resp: 1024258

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	33.7	25.4	38.0

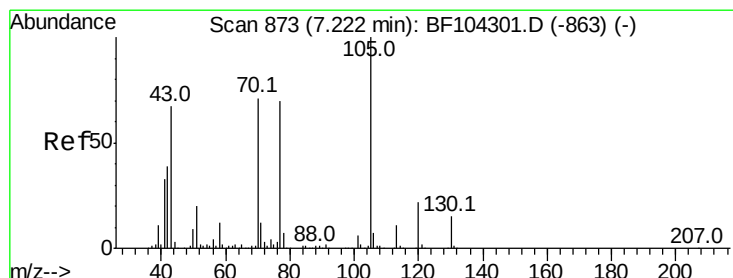
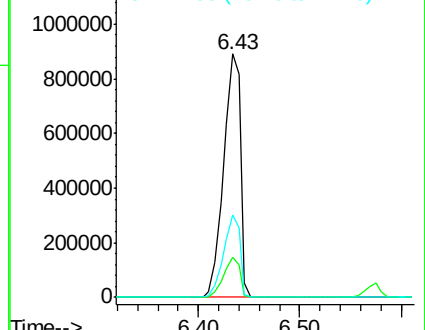
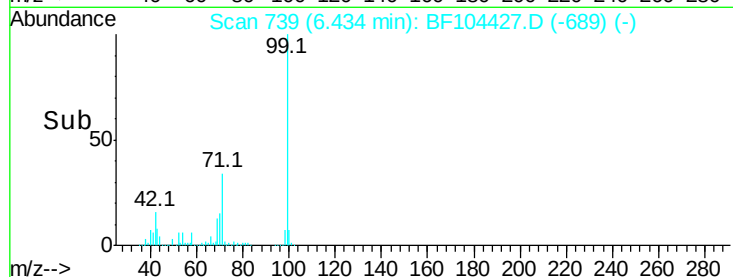


Abundance

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: 10.605 ng

RT: 7.37 min Scan# 898

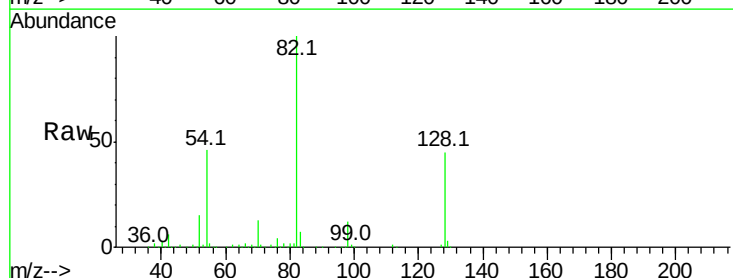
Delta R.T. 0.14 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Tgt Ion: 70 Resp: 83474

Ion	Ratio	Lower	Upper
70	100		
42	42.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



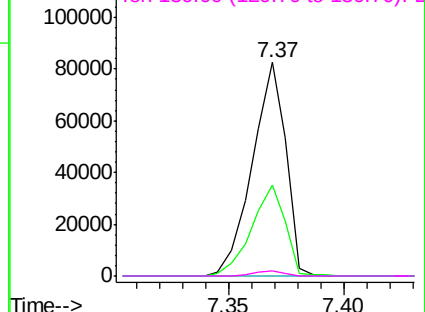
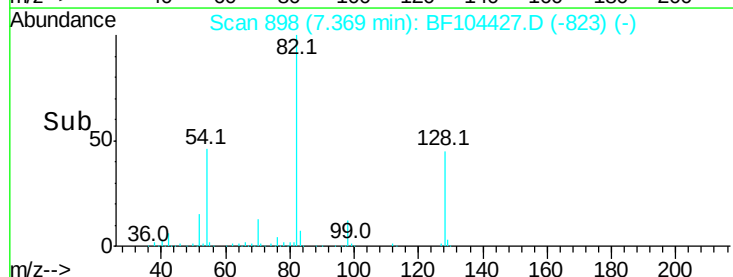
Abundance

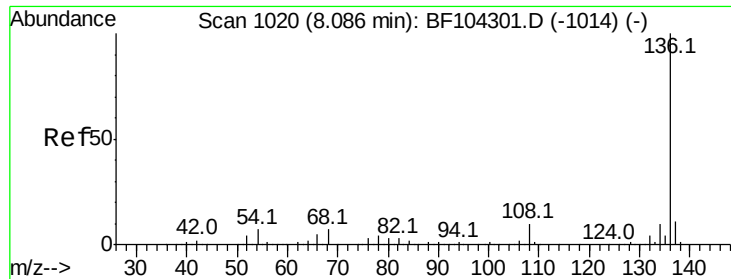
Ion 70.00 (69.70 to 70.70): BF1

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

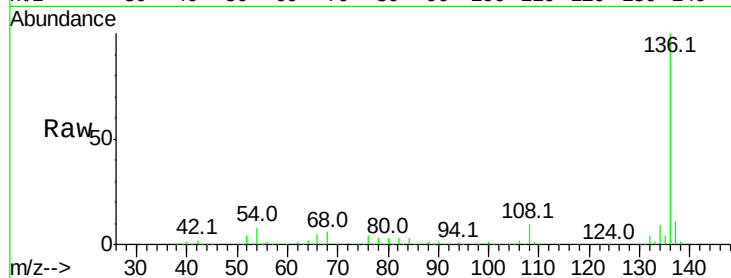




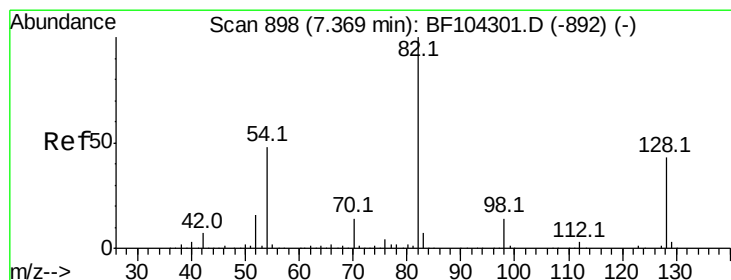
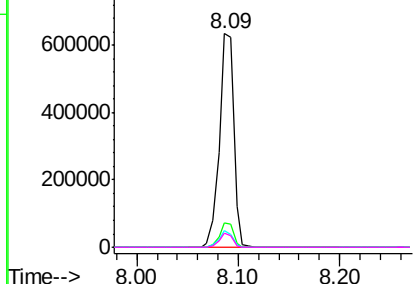
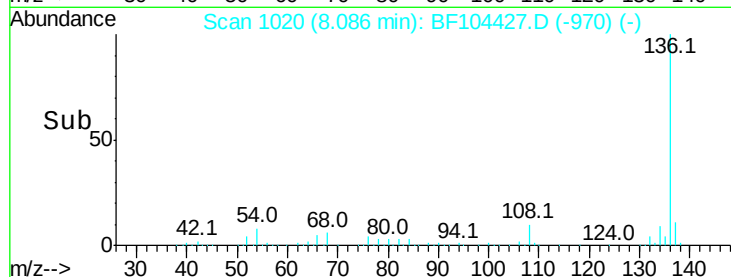
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:	136	Resp:	624900
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.4	5.0	7.4

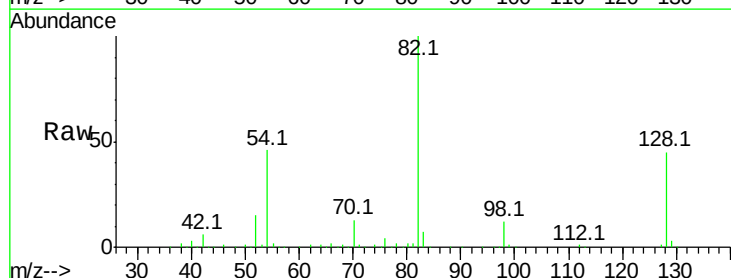


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

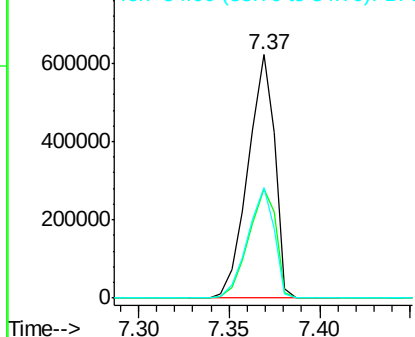
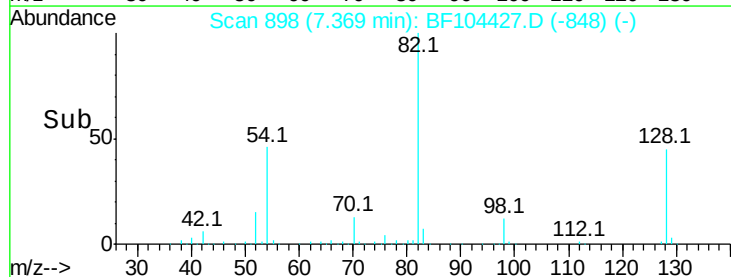


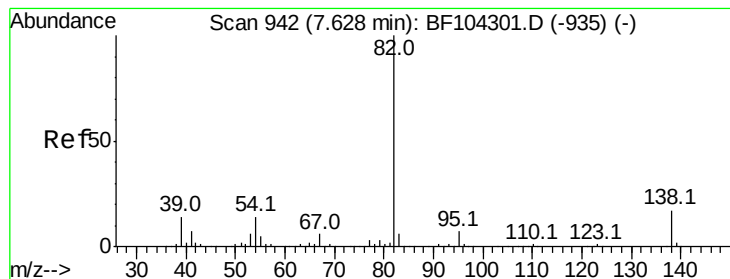
#23
Nitrobenzene-d5
Concen: 66.519 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Tgt Ion:	82	Resp:	636584
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.381 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

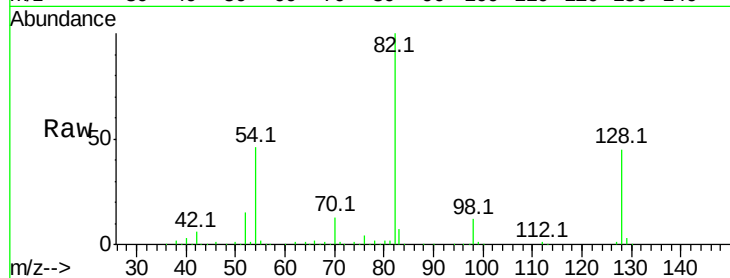
Tot Ion: 82 Resp: 635048

Ion Ratio Lower Upper

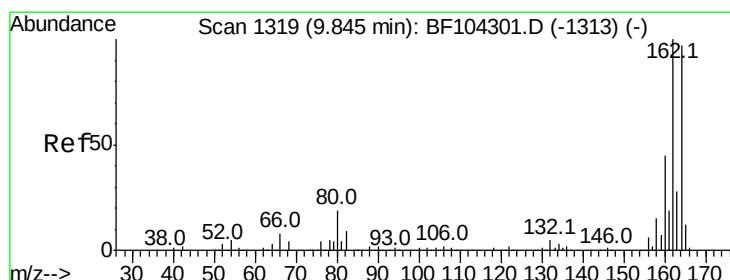
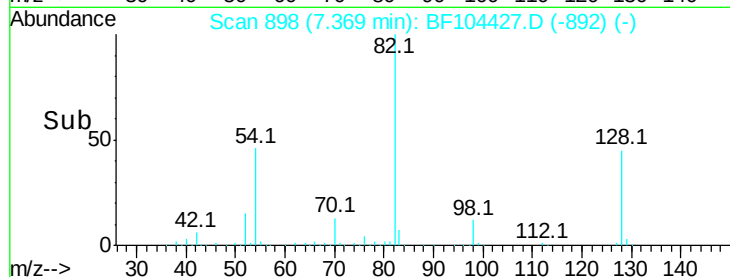
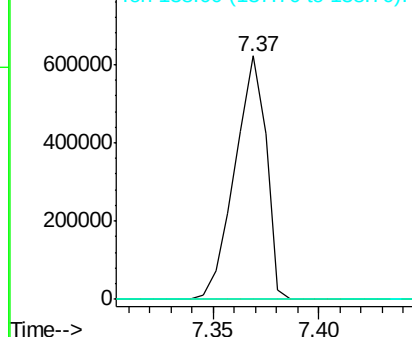
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

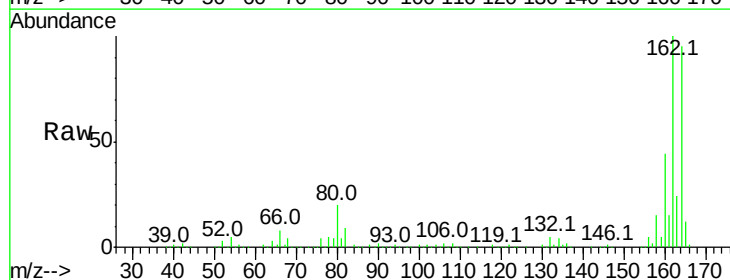
Tgt Ion: 164 Resp: 295508

Ion Ratio Lower Upper

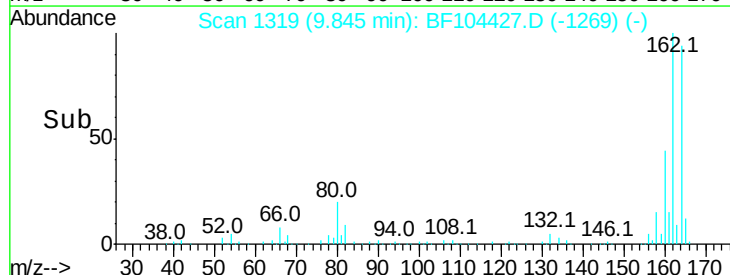
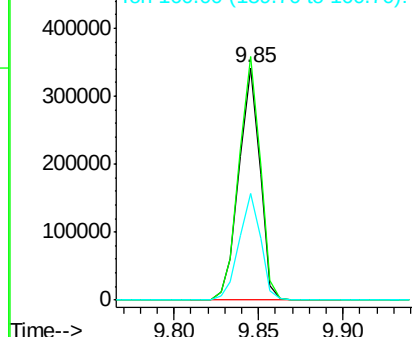
164 100

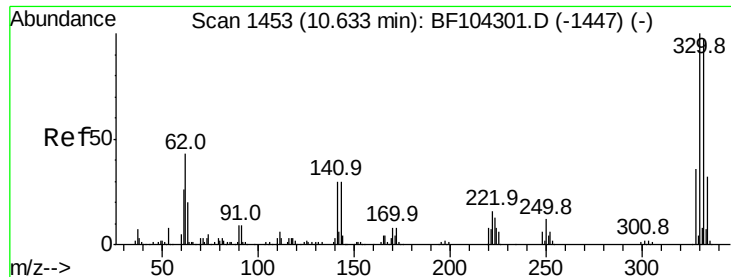
162 104.8 86.1 129.1

160 46.0 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

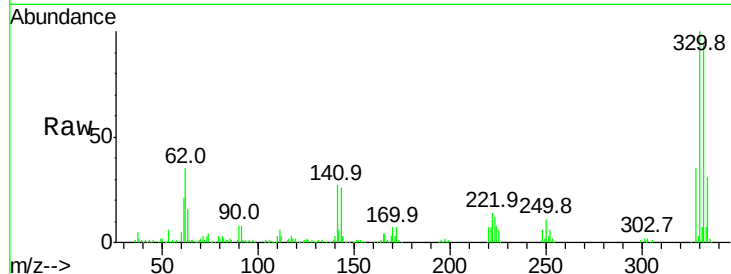




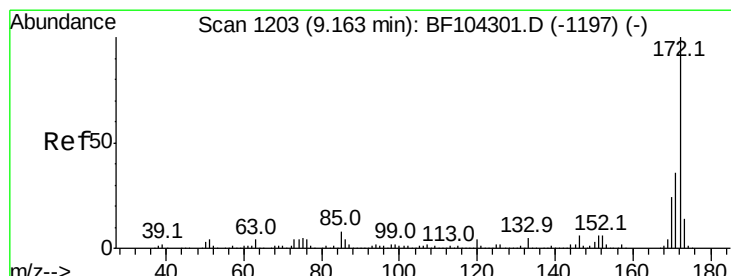
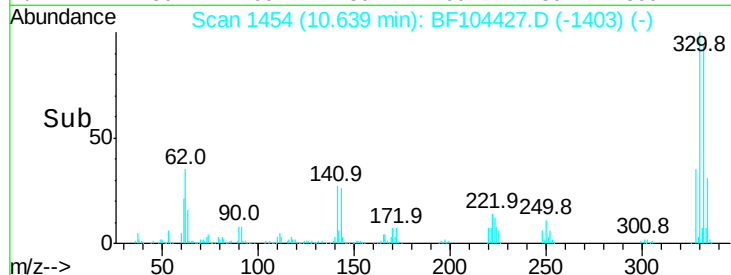
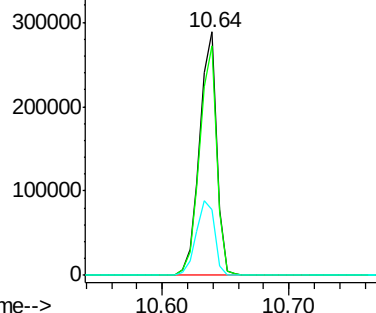
#41
 2,4,6-Tribromophenol
 Concen: 88.037 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104427.D
 Acq: 11 Apr 2018 9:58

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:330 Resp: 269868
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.4 29.9 44.9

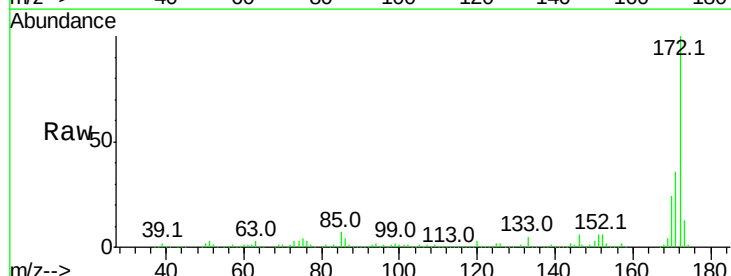


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

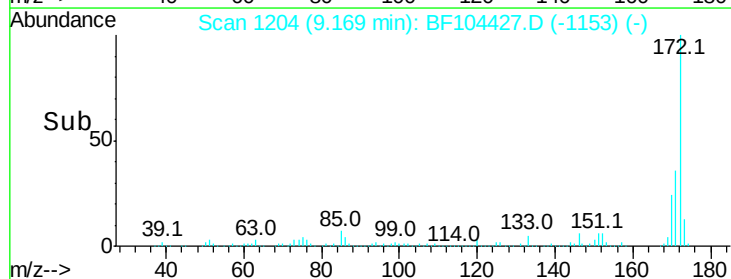
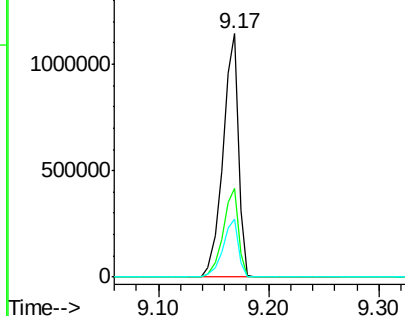


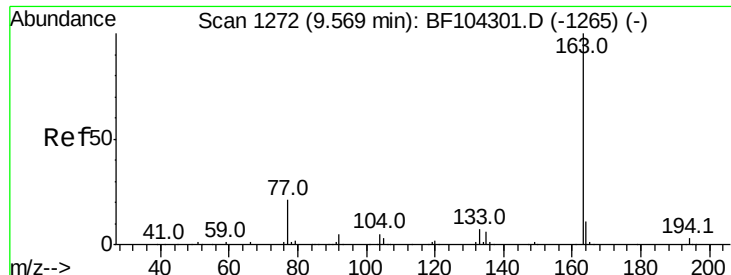
#44
 2-Fluorobiphenyl
 Concen: 60.074 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104427.D
 Acq: 11 Apr 2018 9:58

Tgt Ion:172 Resp: 1123738
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 4.852 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

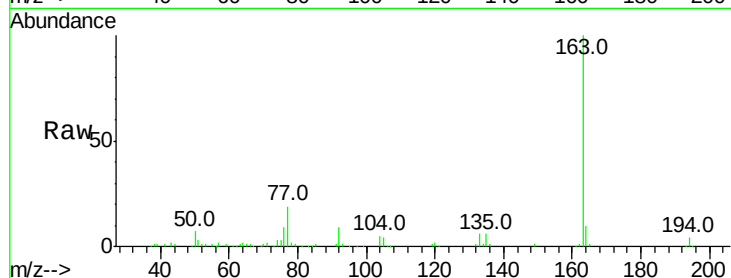
Tot Ion:163 Resp: 113065

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

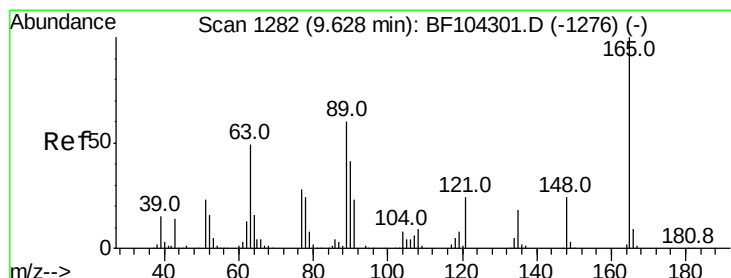
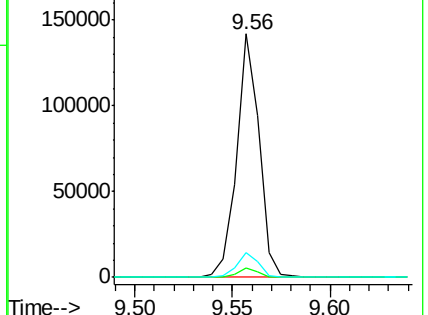
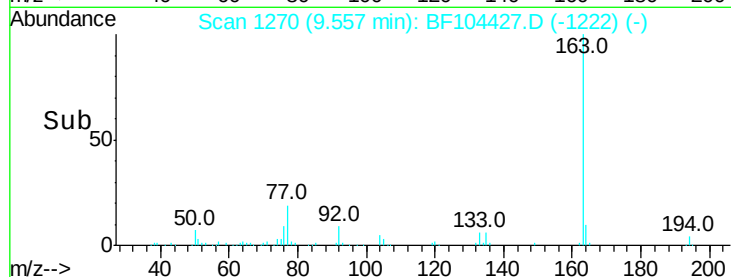
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 8.681 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

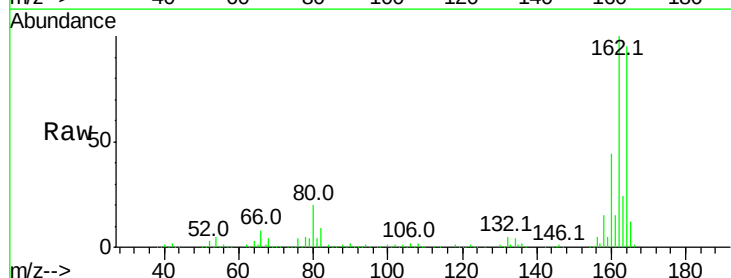
Tgt Ion:165 Resp: 37432

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

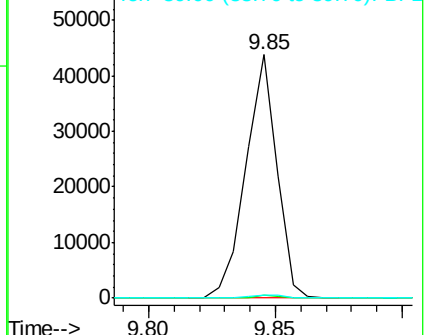
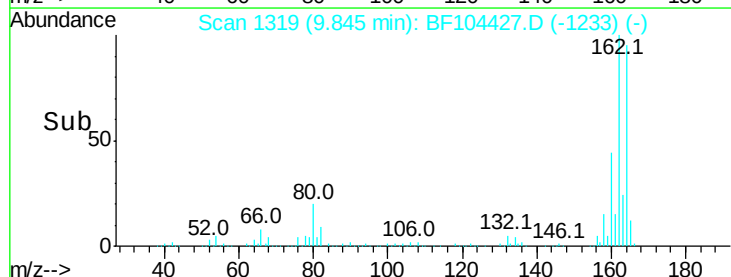
89 1.4 44.0 66.0#

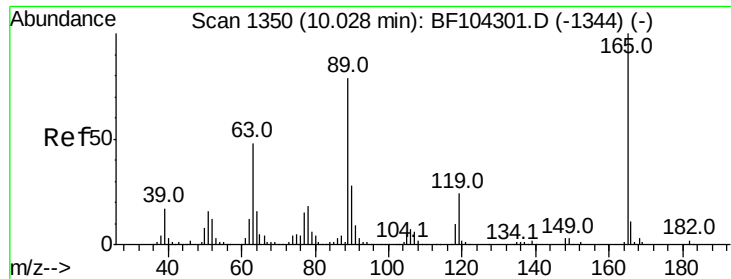


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

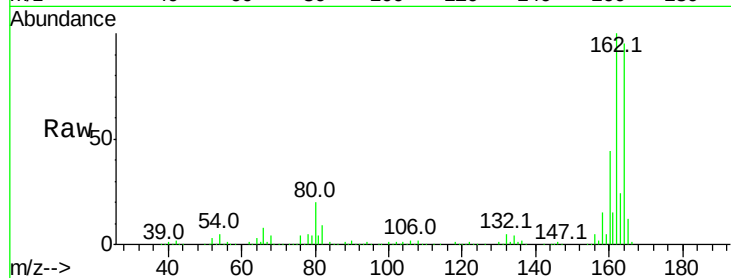




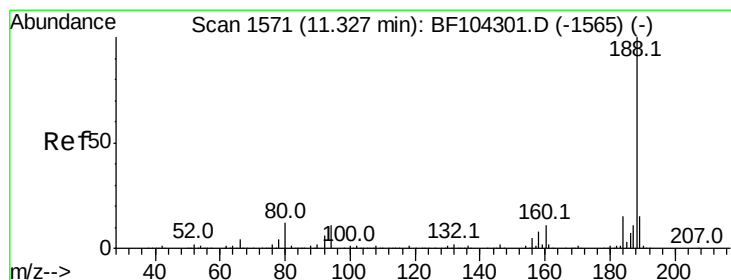
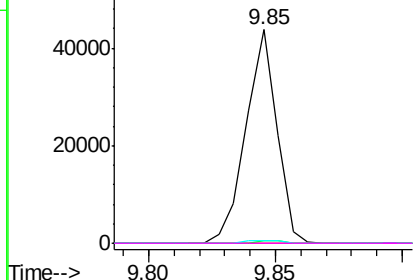
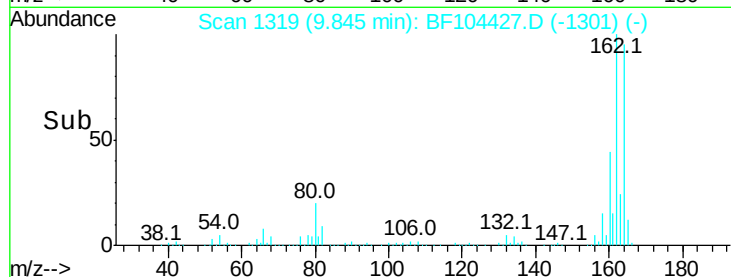
#56
2,4-Dinitrotoluene
Concen: 6.618 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:165 Resp: 37432
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

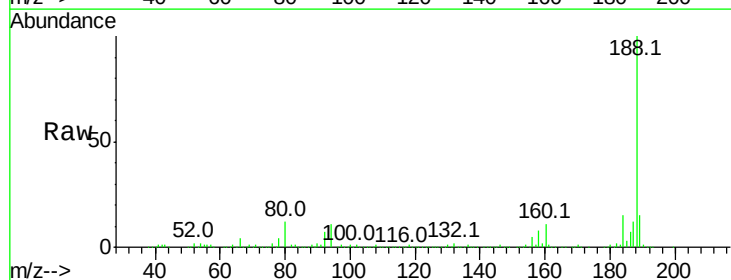


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

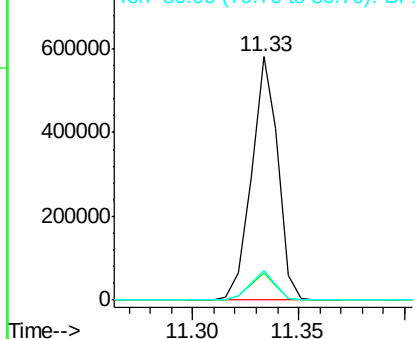
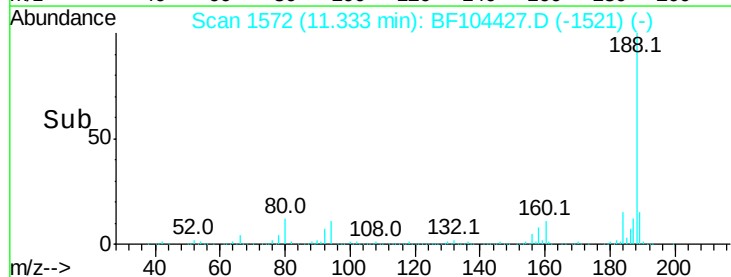


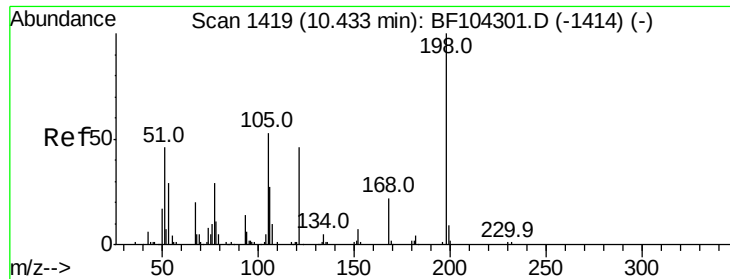
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Tgt Ion:188 Resp: 501823
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 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





#64

4,6-Dinitro-2-methylphenol

Concen: 7.528 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampled :

SP-1

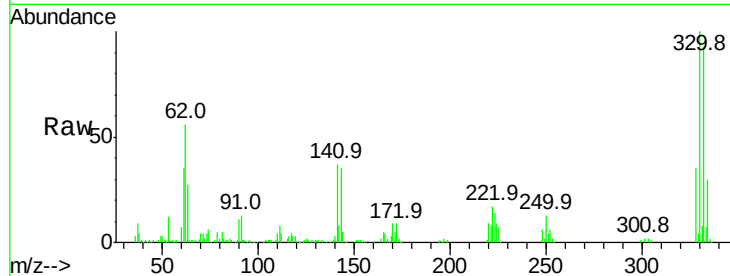
Tot Ion:198 Resp: 521

Ion Ratio Lower Upper

198 100

51 210.5 37.7 77.7#

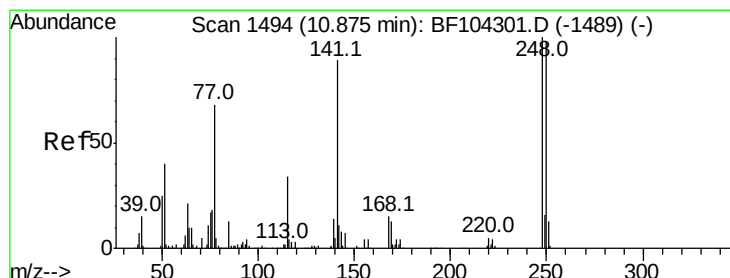
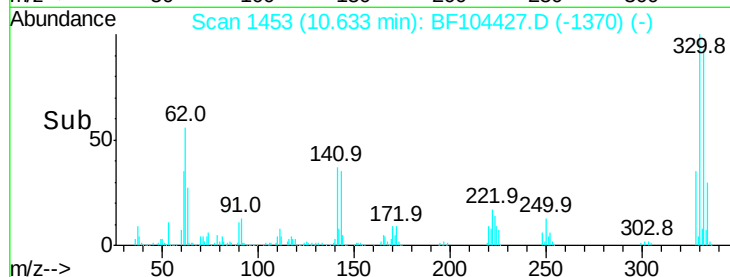
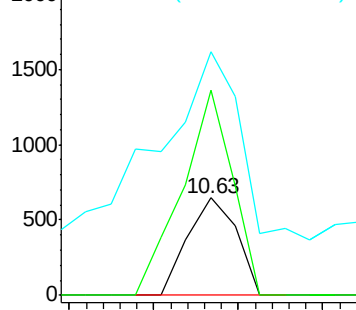
105 250.1 36.3 76.3#



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



#66

4-Bromophenyl-phenylether

Concen: 2.999 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

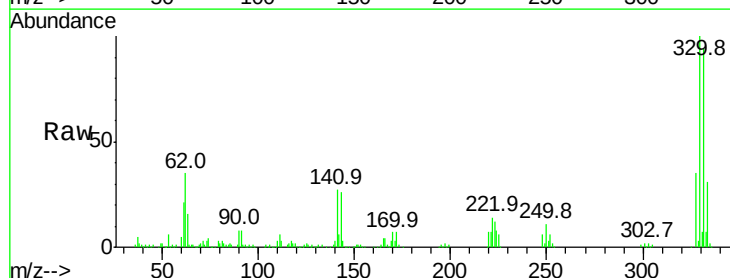
Tgt Ion:248 Resp: 16010

Ion Ratio Lower Upper

248 100

250 200.9 76.9 115.3#

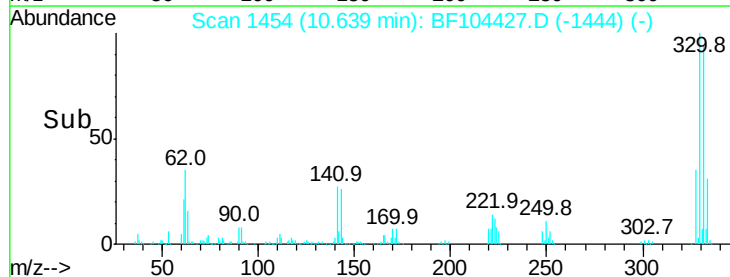
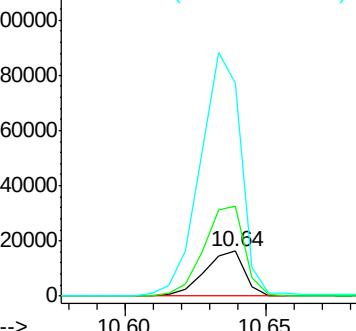
141 476.1 74.4 111.6#

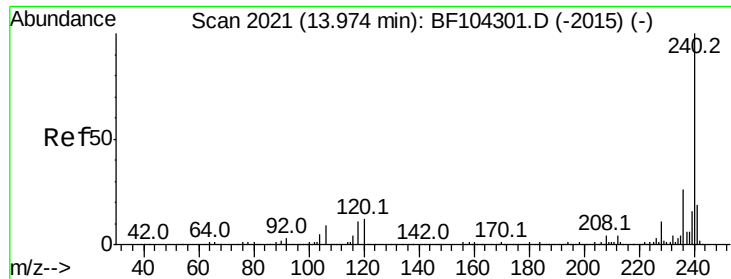


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

Instrument :

BNA_F

ClientSampleId :

SP-1

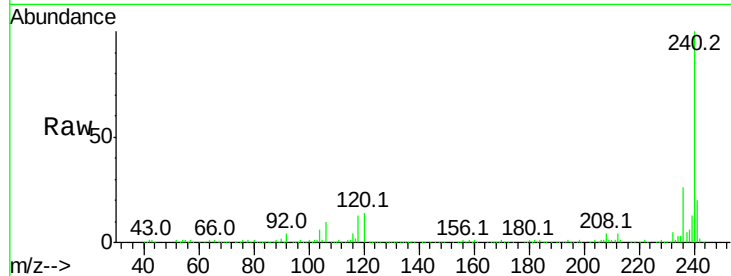
Tot Ion:240 Resp: 379213

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

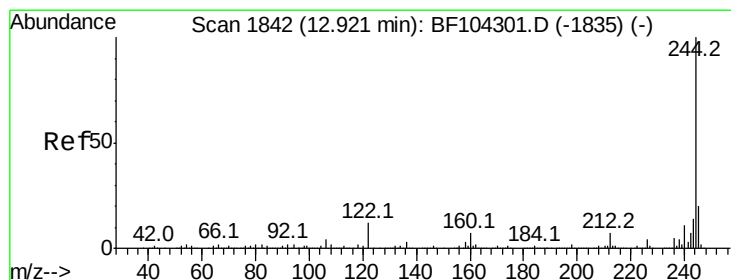
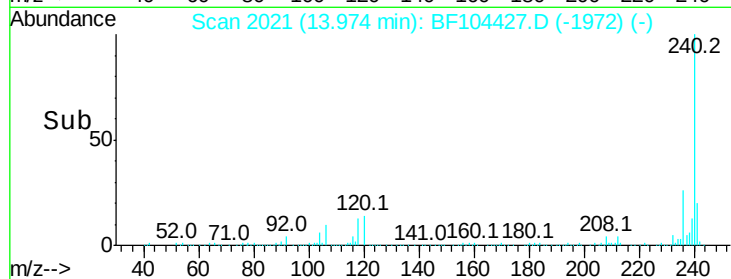
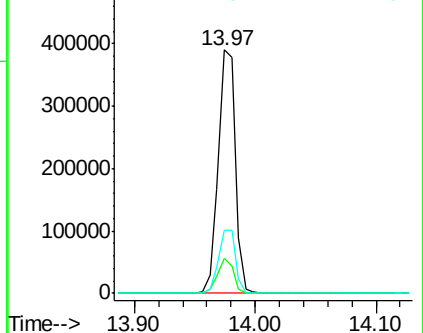
236 25.8 20.7 31.1



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: 64.134 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104427.D

Acq: 11 Apr 2018 9:58

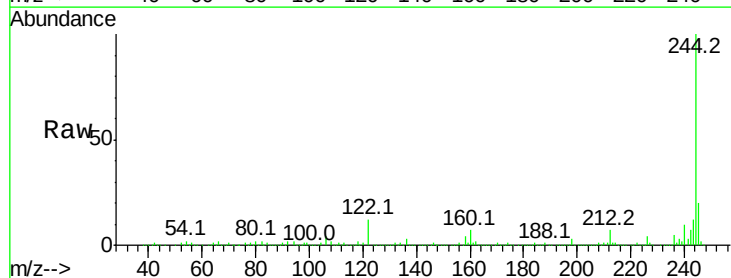
Tgt Ion:244 Resp: 1066773

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

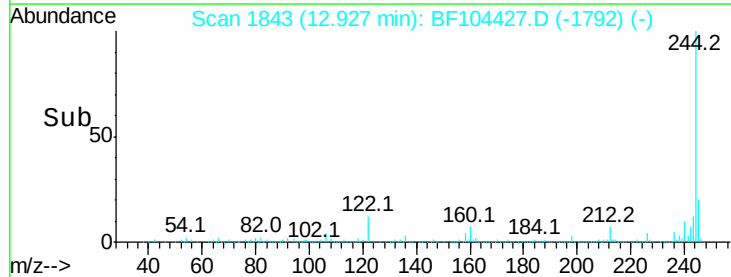
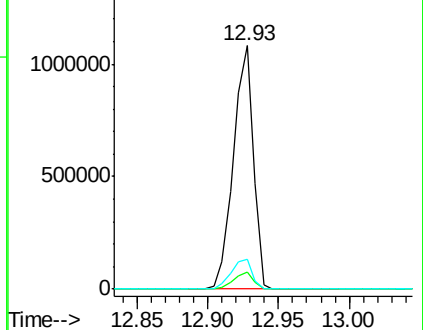
122 12.2 11.0 16.4

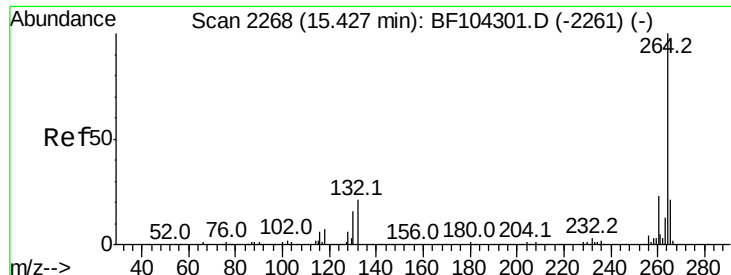


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104427.D
Acq: 11 Apr 2018 9:58

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:264 Resp: 305435
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.4 17.5 26.3

