

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104928.D
 Acq On : 30 Apr 2018 13:14
 Operator : JU/SJ
 Sample : J2522-06DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:21:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

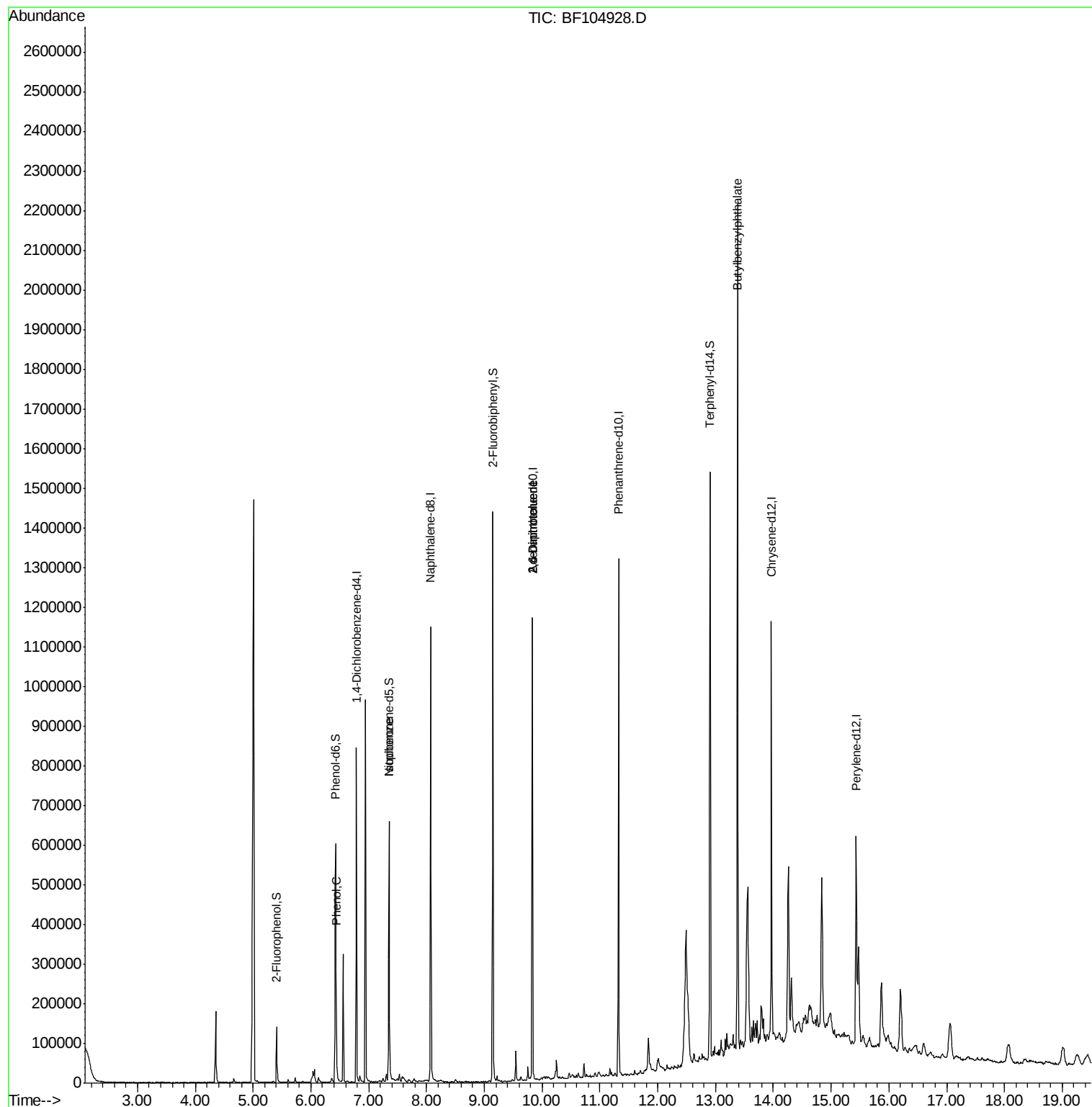
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123205	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	516054	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	243358	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	447379	20.00	ng	0.00
75) Chrysene-d12	13.97	240	349781	20.00	ng	0.00
86) Perylene-d12	15.43	264	247544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	47368	5.88	ng	0.00
7) Phenol-d6	6.43	99	232749	23.51	ng	-0.01
23) Nitrobenzene-d5	7.35	82	231455	29.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	2235	0.89	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	482038	31.29	ng	-0.01
78) Terphenyl-d14	12.90	244	502019	32.72	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	471	Below Cal	#	1
10) Phenol	6.44	94	23331	2.221	ng	97
25) Isophorone	7.35	82	231453	13.849	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	31471	8.863	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	31471	6.756	ng	# 23
76) Benzidine	12.50	184	651	Below Cal	#	1
79) Butylbenzylphthalate	13.39	149	539640	44.180	ng	94

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

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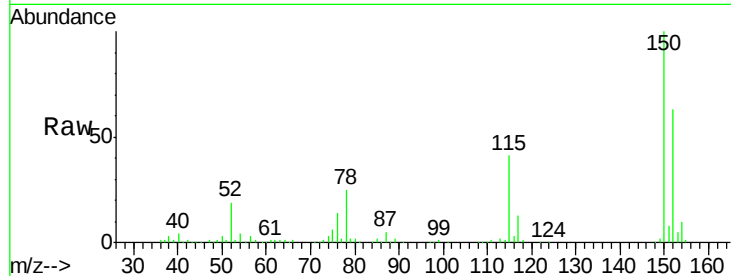


#1

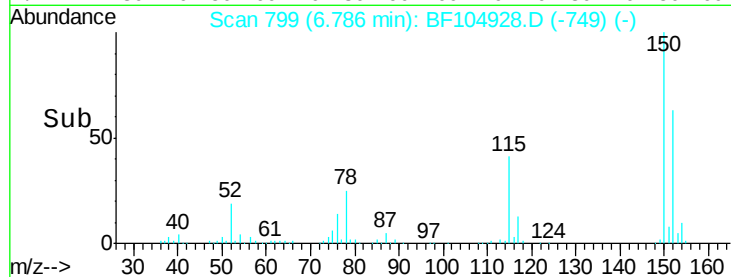
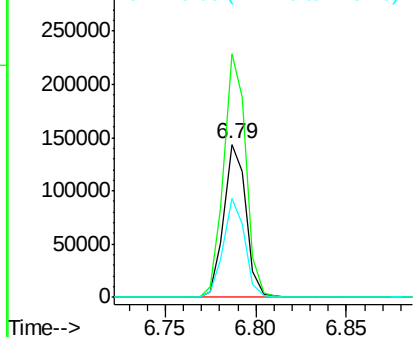
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 123205
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 64.6 50.1 75.1



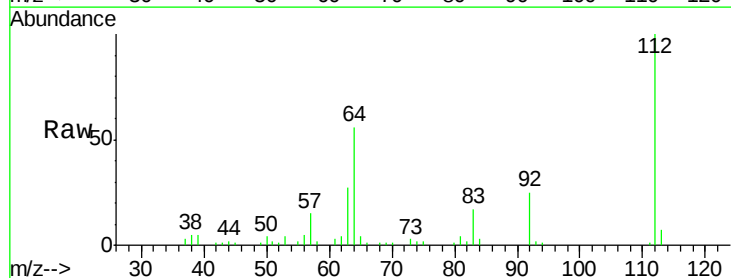
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



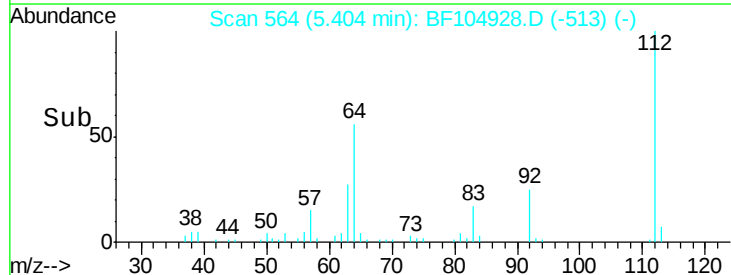
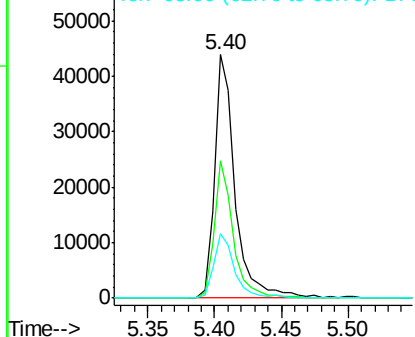
#5

2-Fluorophenol
Concen: 5.879 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Tgt Ion:112 Resp: 47368
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 26.6 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: 23.510 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

Instrument :

BNA_F

ClientSampleId :

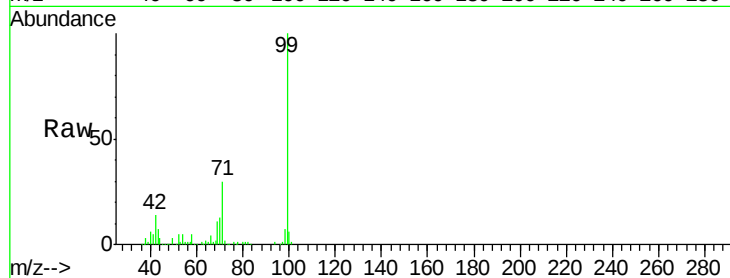
Tot Ion: 99 Resp: 232749

Ion Ratio Lower Upper

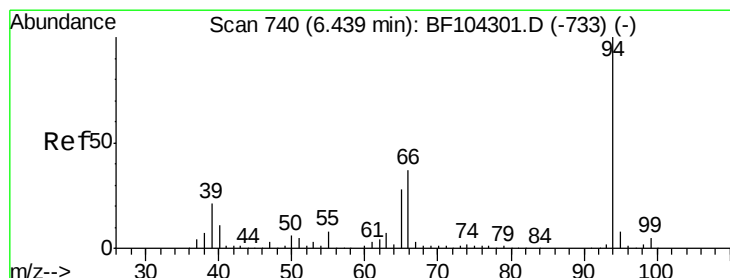
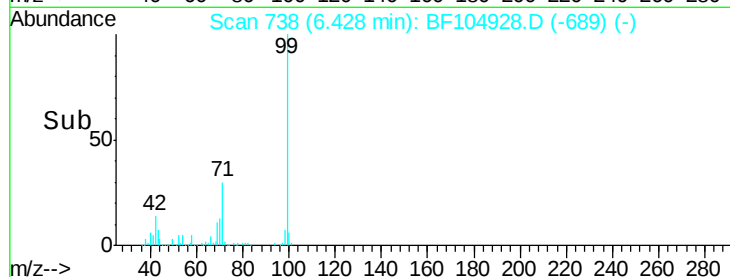
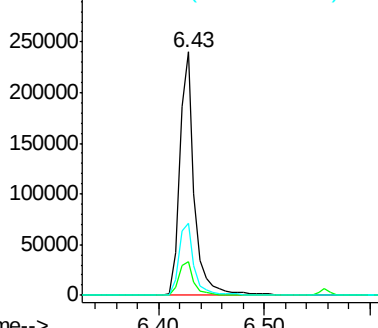
99 100

42 13.8 14.5 21.7#

71 29.8 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: 2.221 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

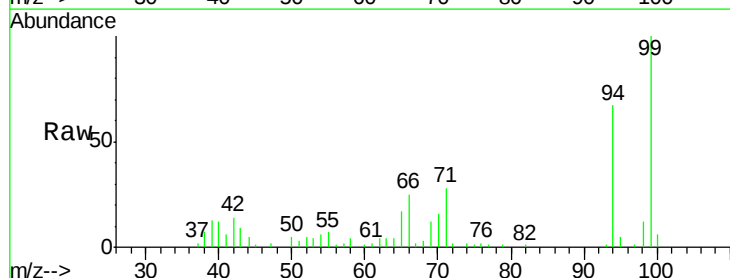
Tgt Ion: 94 Resp: 23331

Ion Ratio Lower Upper

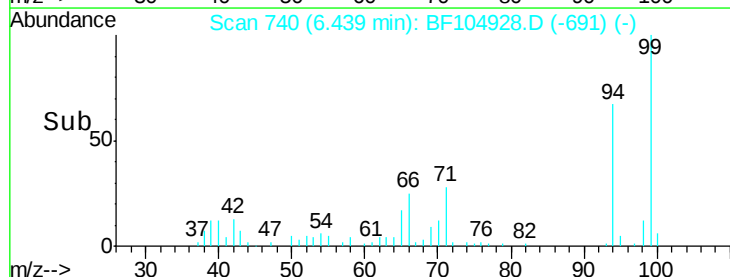
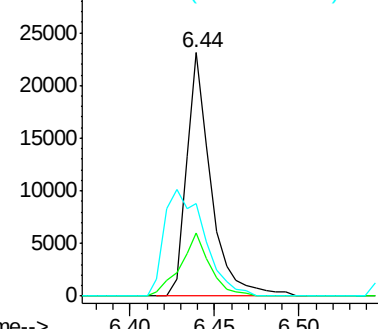
94 100

65 25.9 7.9 47.9

66 37.9 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

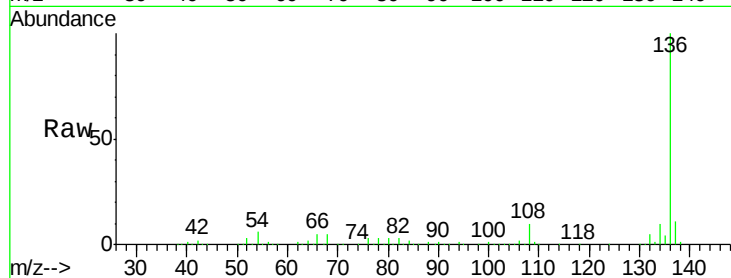




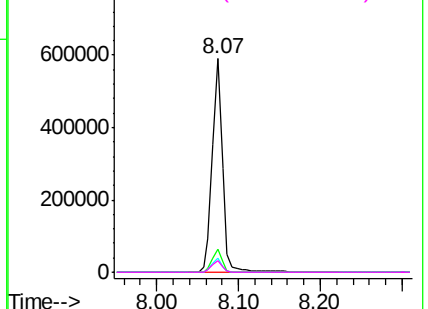
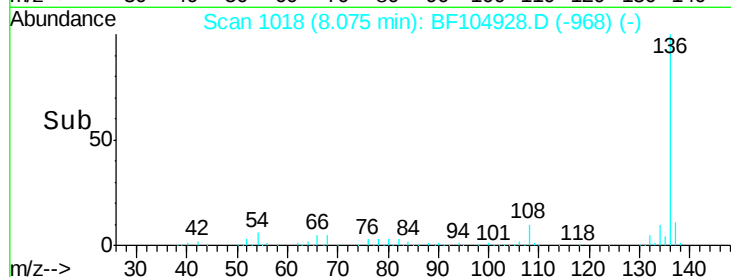
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	516054
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.4	6.6 9.8#
68	5.5	5.0 7.4

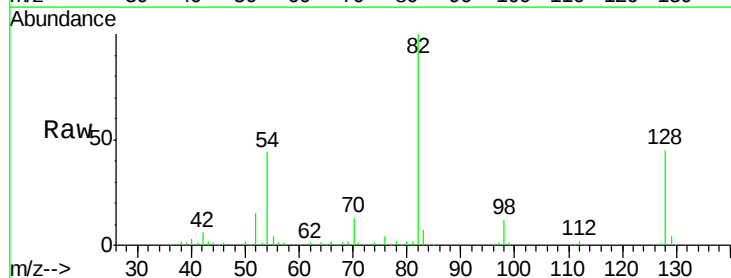


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

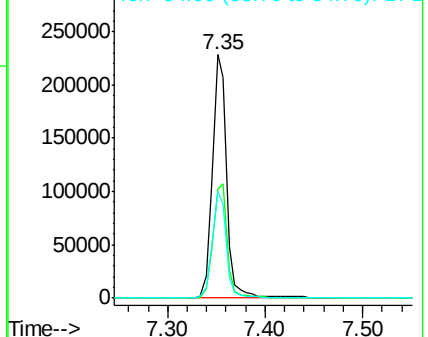
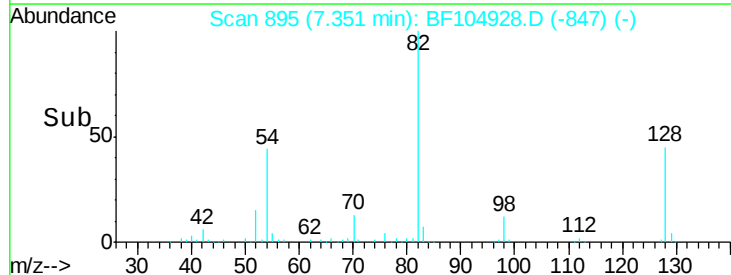


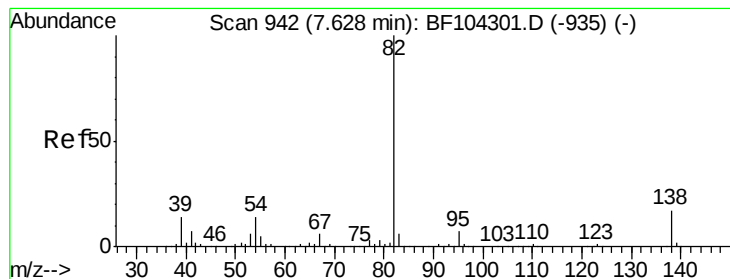
#23
Nitrobenzene-d5
Concen: 29.287 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Tgt Ion: 82	Resp:	231455
Ion Ratio	Lower	Upper
82	100	
128	45.1	36.1 54.1
54	43.9	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: 13.849 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

Instrument :

BNA_F

ClientSampleId :

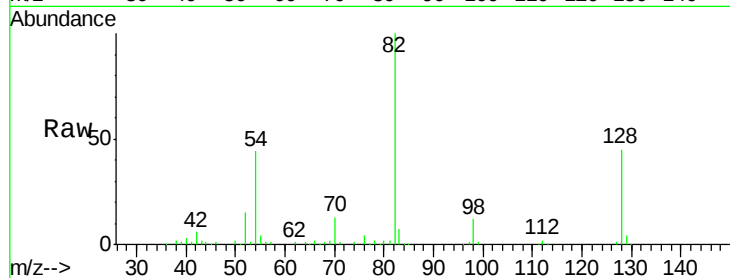
Tot Ion: 82 Resp: 231453

Ion Ratio Lower Upper

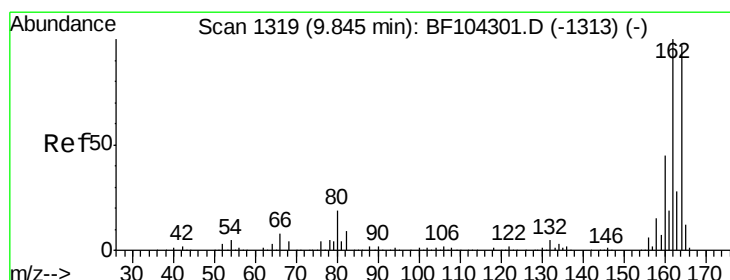
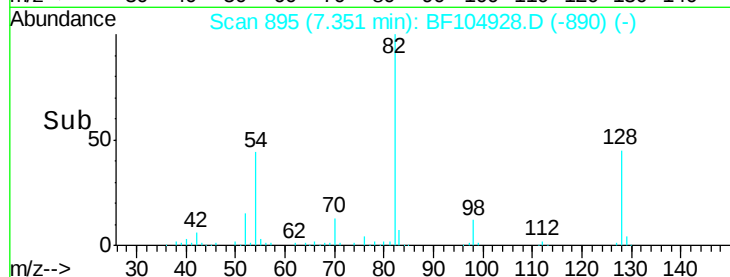
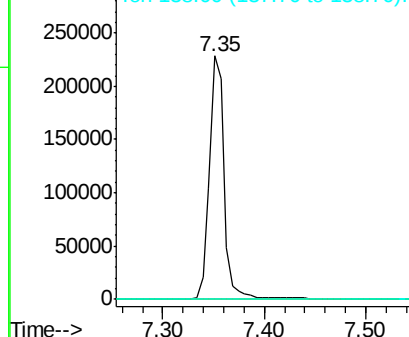
82 100

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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

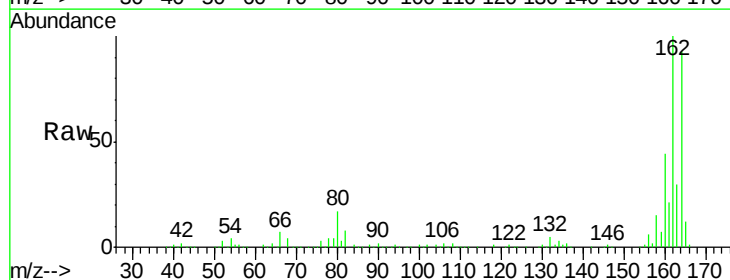
Tgt Ion: 164 Resp: 243358

Ion Ratio Lower Upper

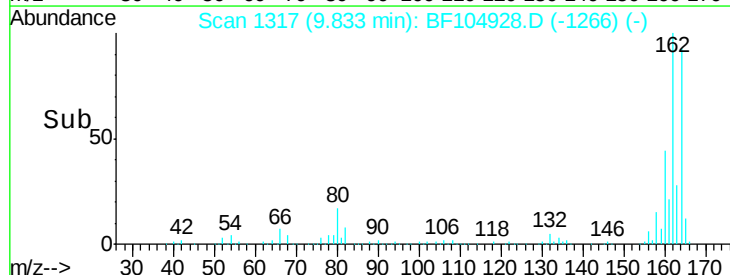
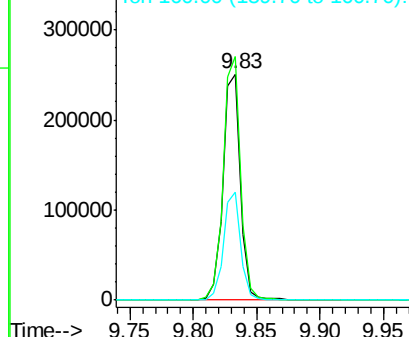
164 100

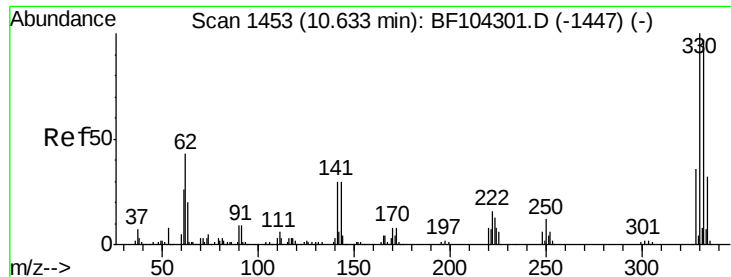
162 107.6 86.1 129.1

160 47.6 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

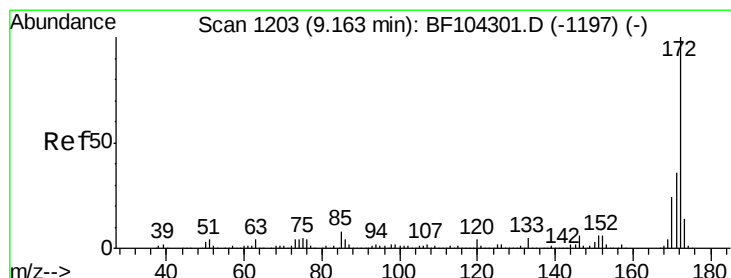
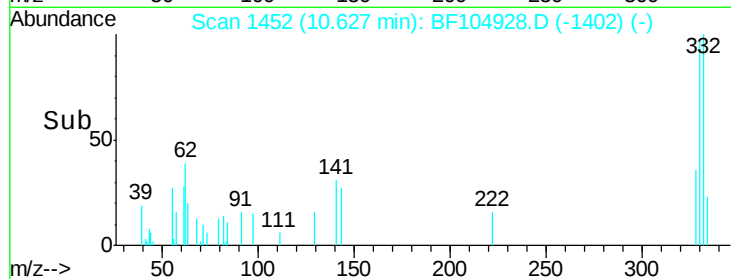
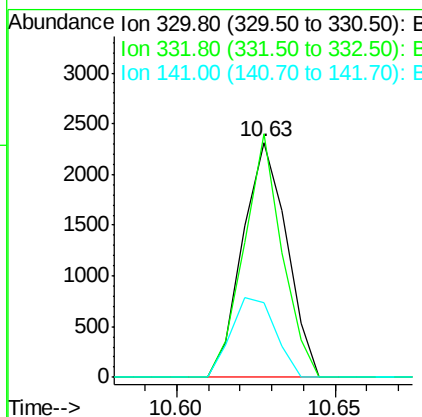
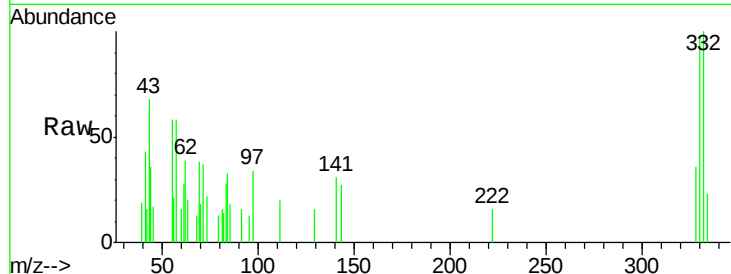




#41
 2,4,6-Tribromophenol
 Concen: 0.885 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104928.D
 Acq: 30 Apr 2018 13:14

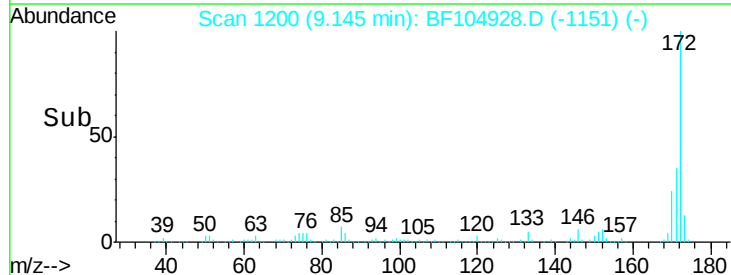
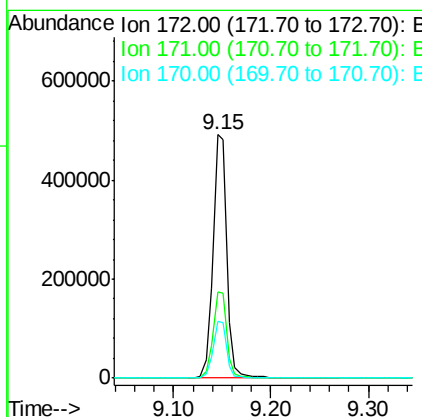
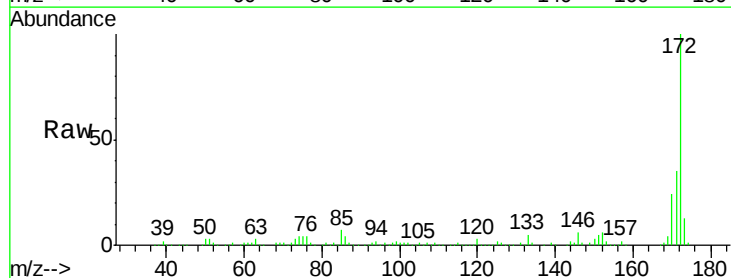
Instrument :
 BNA_F
 ClientSampleId :

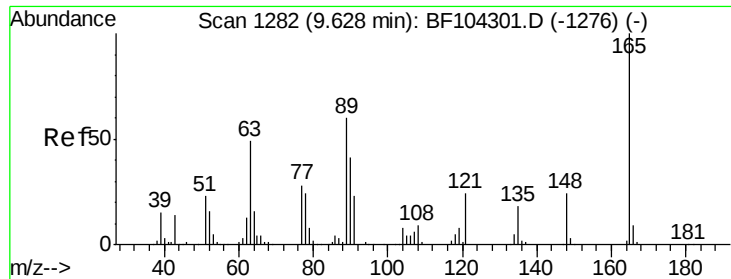
Tot Ion	Ratio	Lower	Upper
330	100		
332	89.6	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 31.291 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104928.D
 Acq: 30 Apr 2018 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	19.6	29.4

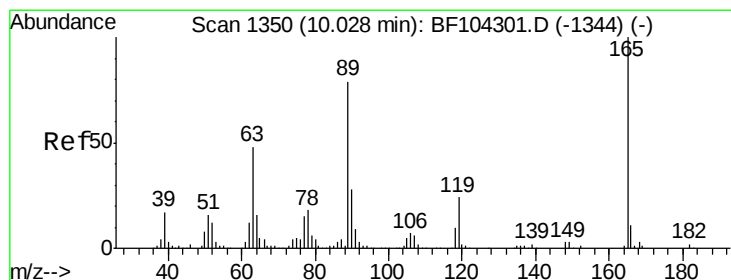
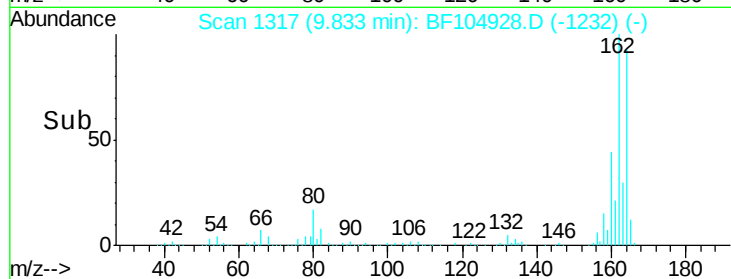
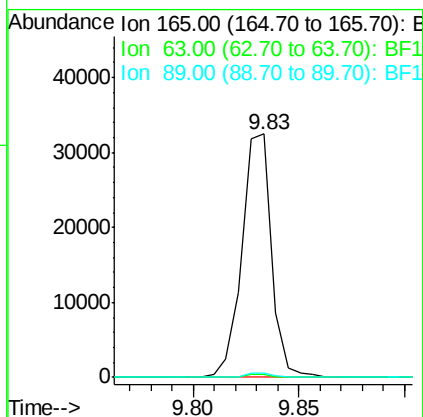
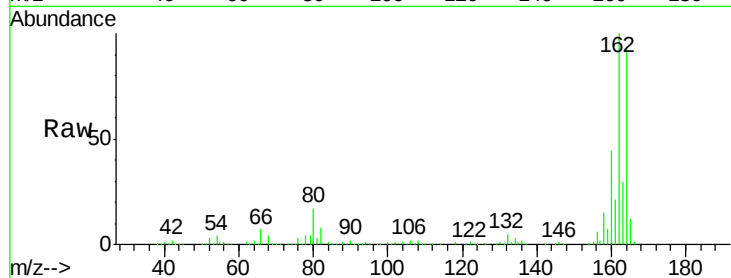




#50
 2,6-Dinitrotoluene
 Concen: 8.863 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF104928.D
 Acq: 30 Apr 2018 13:14

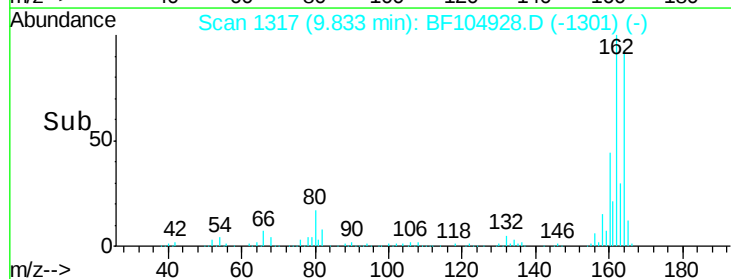
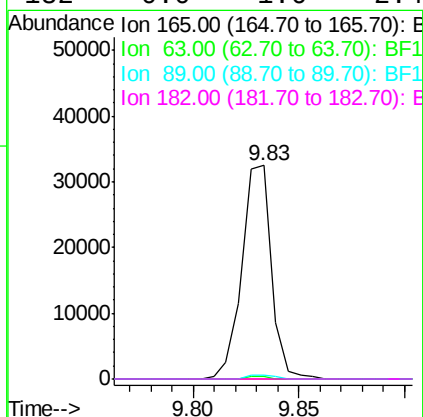
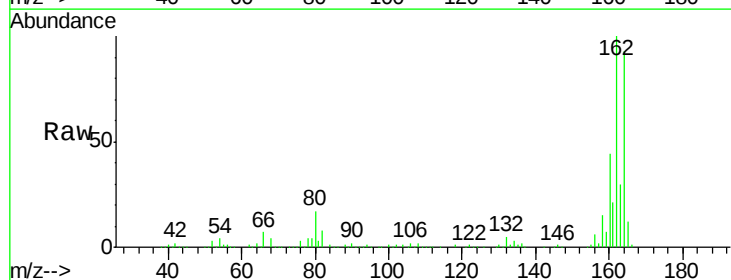
Instrument :
 BNA_F
 ClientSampleId :

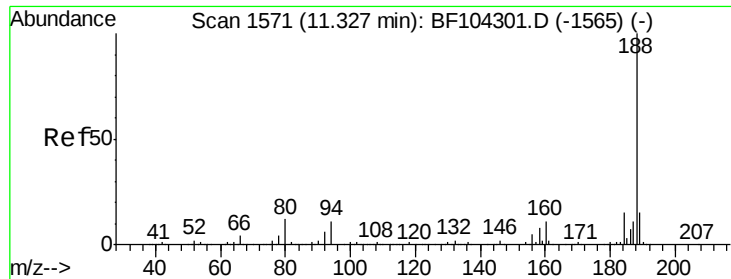
Tot Ion:165 Resp: 31471
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.7 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.756 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF104928.D
 Acq: 30 Apr 2018 13:14

Tgt Ion:165 Resp: 31471
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

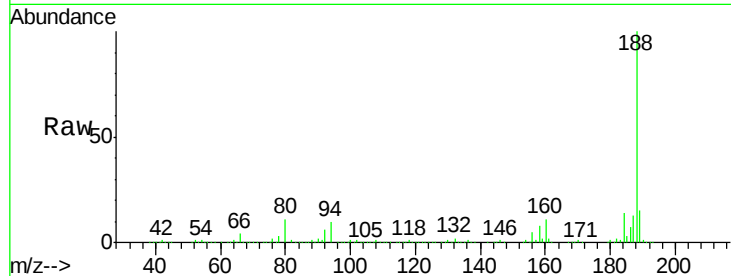




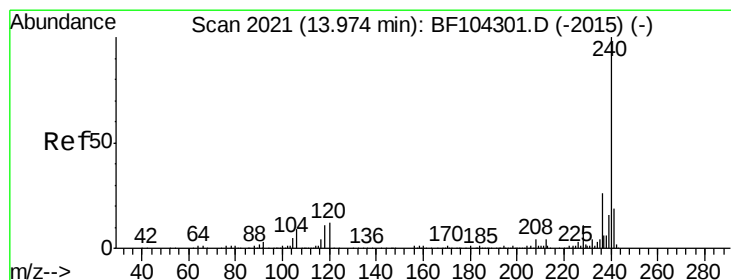
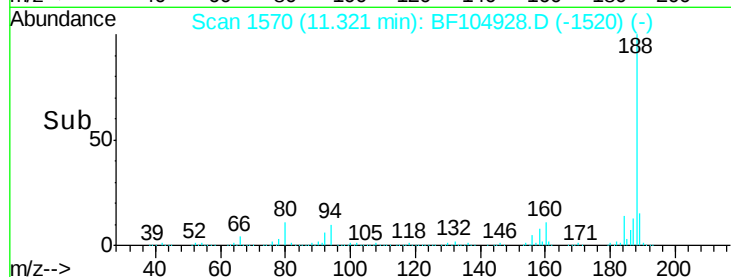
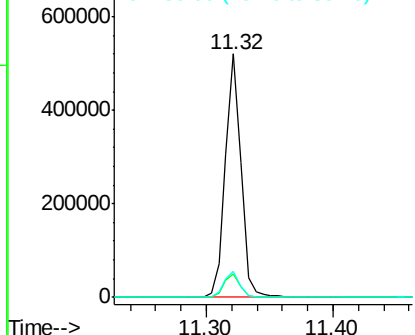
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 447379
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.7 9.2 13.8

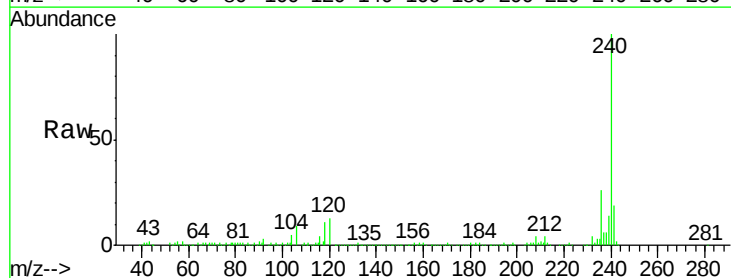


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

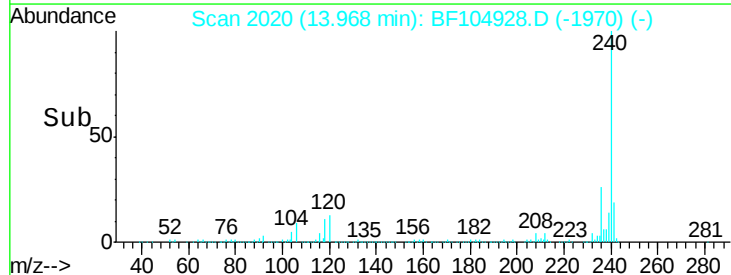
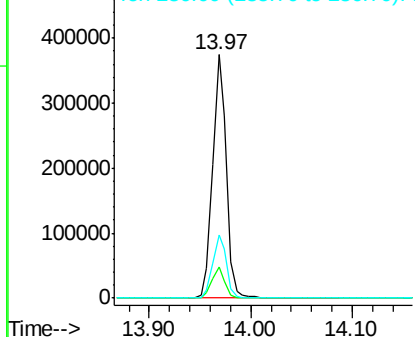


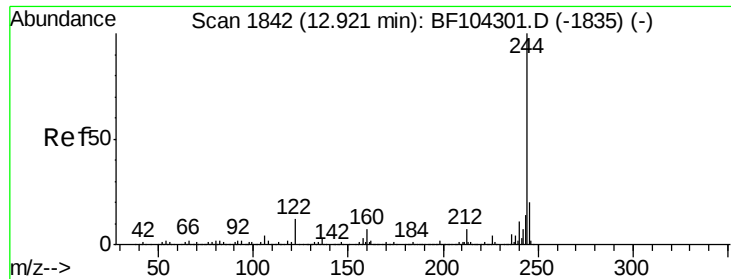
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Tgt Ion:240 Resp: 349781
Ion Ratio Lower Upper
240 100
120 12.9 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: 32.721 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

Instrument :

BNA_F

ClientSampleId :

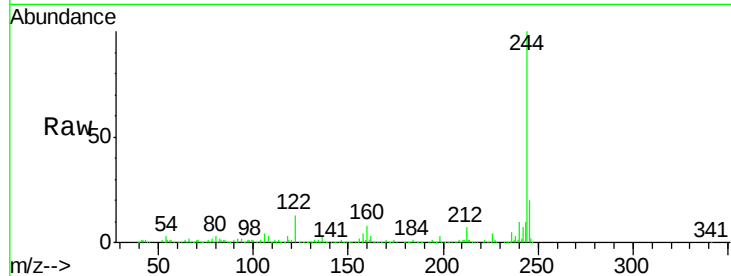
Tot Ion:244 Resp: 502019

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

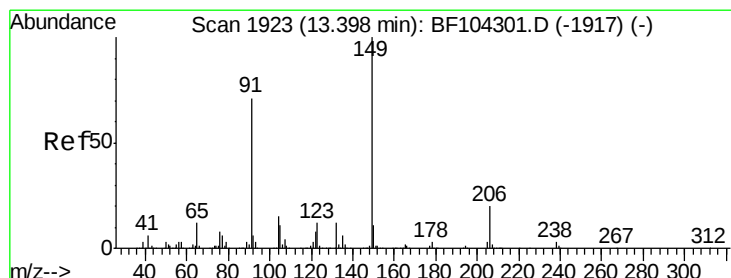
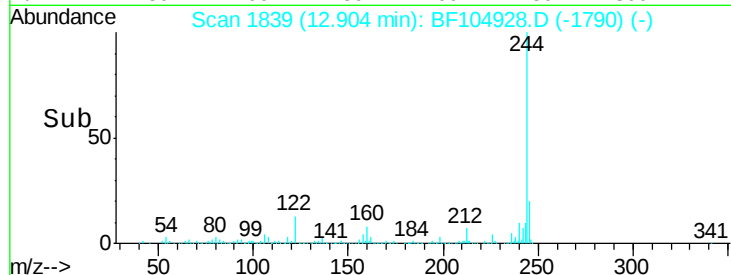
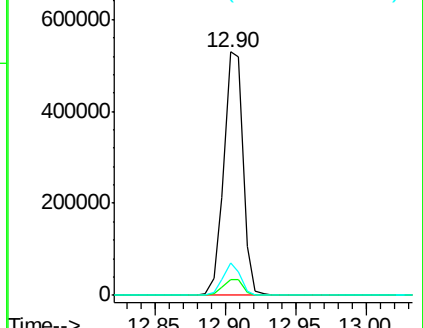
122 13.2 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 44.180 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF104928.D

Acq: 30 Apr 2018 13:14

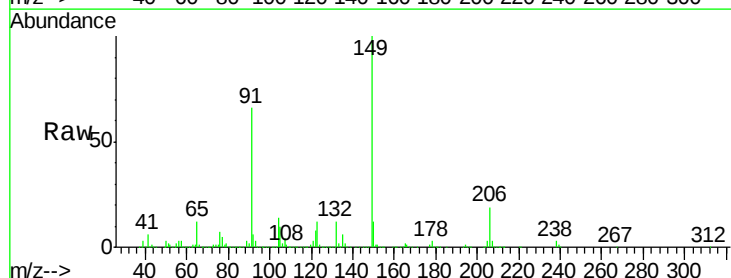
Tgt Ion:149 Resp: 539640

Ion Ratio Lower Upper

149 100

91 65.9 56.8 85.2

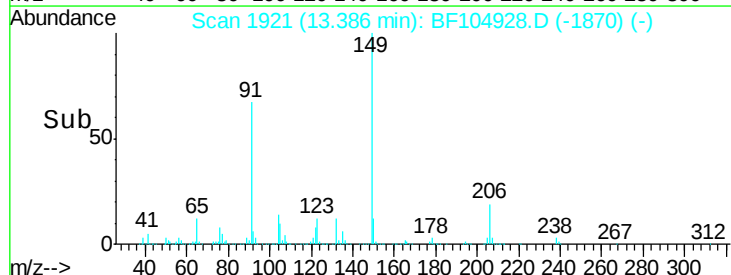
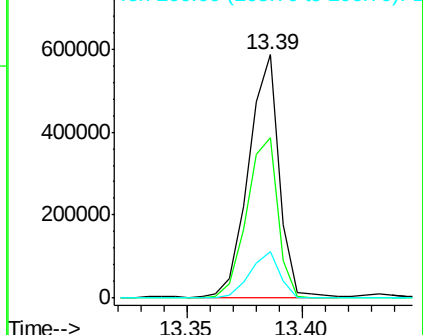
206 19.1 14.1 21.1

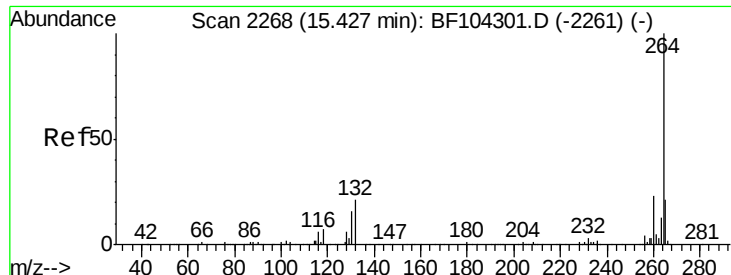


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

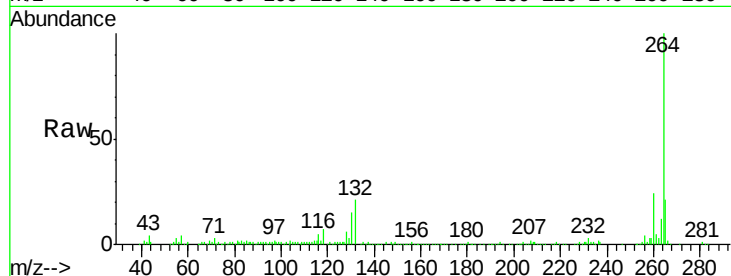




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104928.D
Acq: 30 Apr 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

