

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104492.D
 Acq On : 13 Apr 2018 21:21
 Operator : JU/SJ
 Sample : J2318-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Apr 13 23:58:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

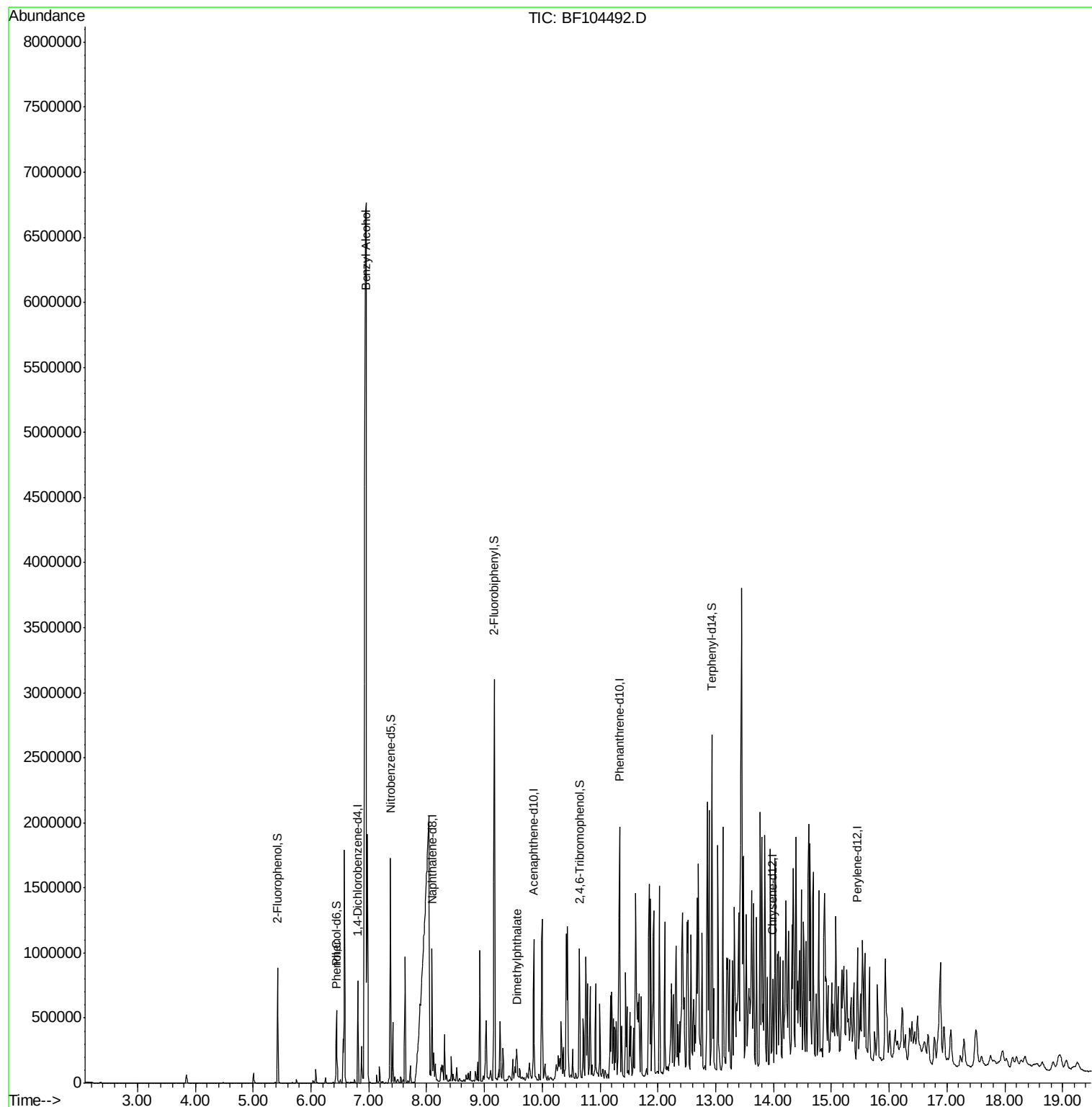
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109257	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	434065	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171347	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	240285	20.00	ng	0.00
75) Chrysene-d12	13.99	240	206908	20.00	ng	0.00
86) Perylene-d12	15.46	264	150653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	235698	32.99	ng	0.00
7) Phenol-d6	6.44	99	166762	18.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	642164	96.60	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	119989	67.51	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1011270	93.24	ng	0.00
78) Terphenyl-d14	12.93	244	519402	57.23	ng	0.00
Target Compounds						
10) Phenol	6.45	94	31838	3.418	ng	99
15) Benzyl Alcohol	6.95	79	753028	112.929	ng	# 54
49) Dimethylphthalate	9.56	163	59176	4.379	ng	99

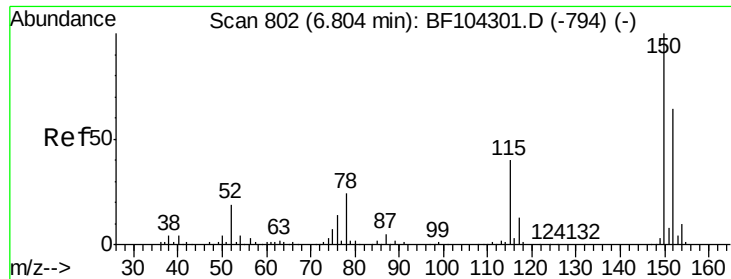
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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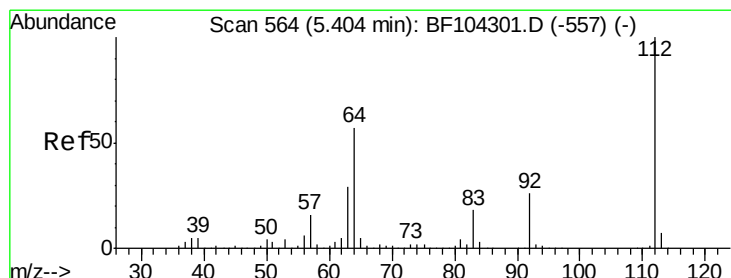
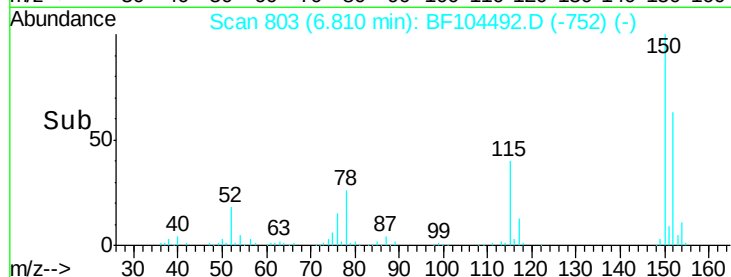
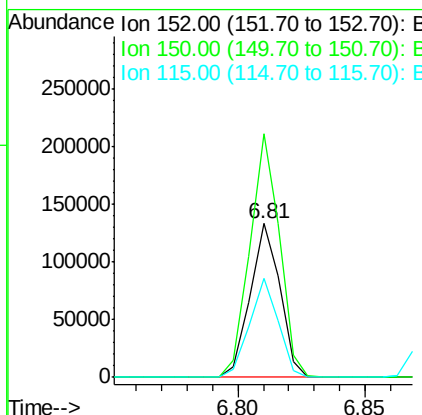
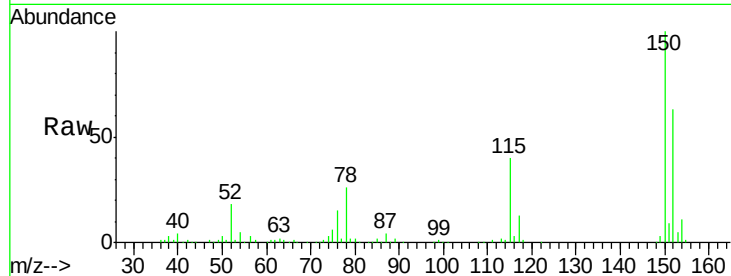


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

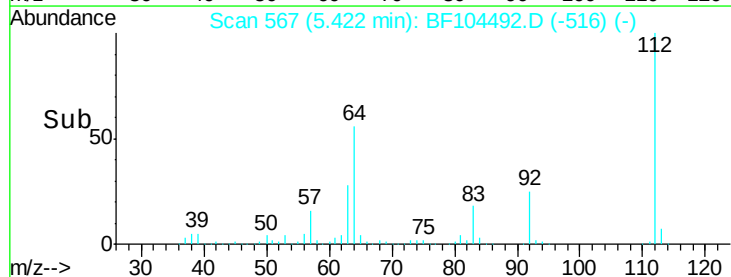
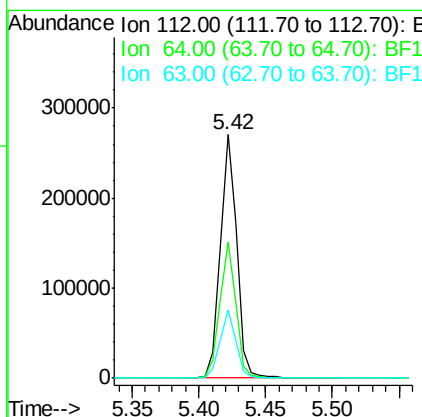
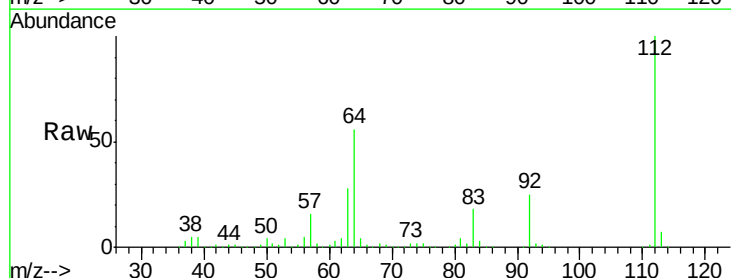
Tot Ion:152 Resp: 109257
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 64.0 50.1 75.1

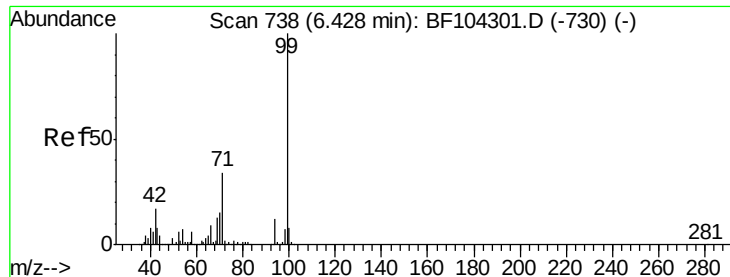


#5

2-Fluorophenol
Concen: 32.986 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Tgt Ion:112 Resp: 235698
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 18.995 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

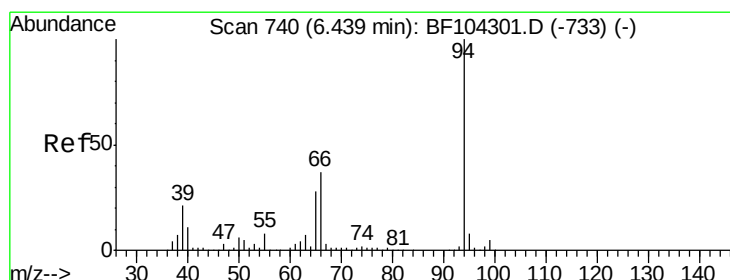
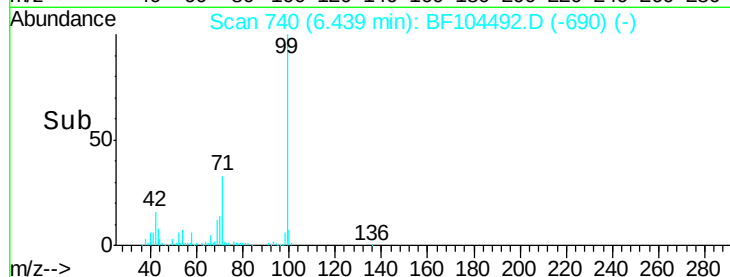
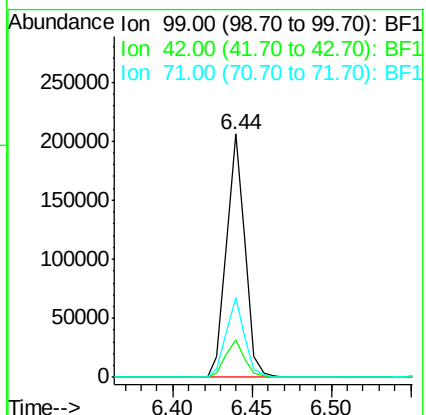
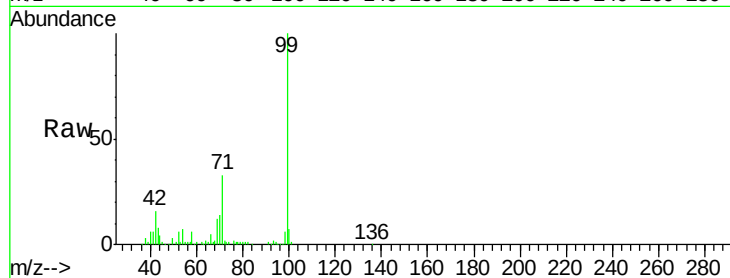
Tot Ion: 99 Resp: 166762

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 3.418 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

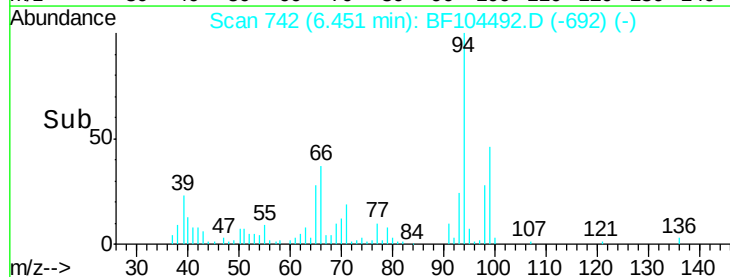
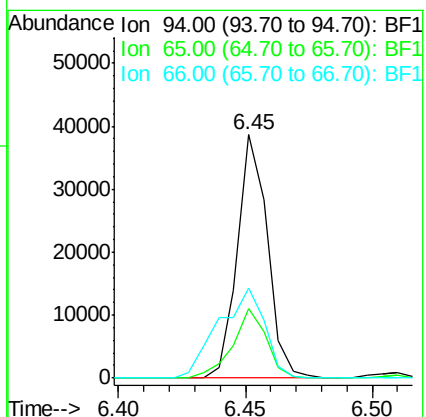
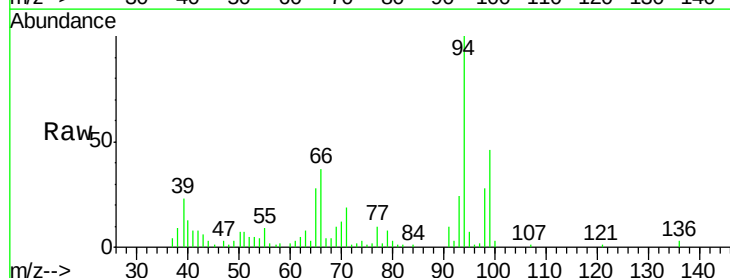
Tgt Ion: 94 Resp: 31838

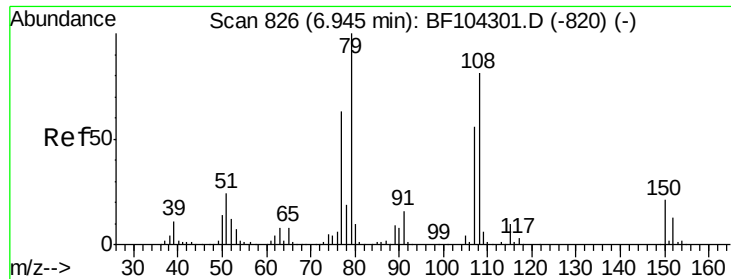
Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 37.1 16.2 56.2

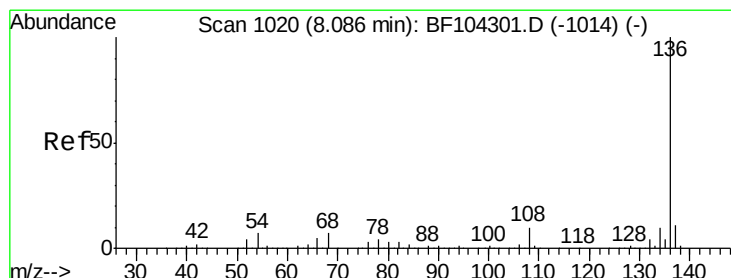
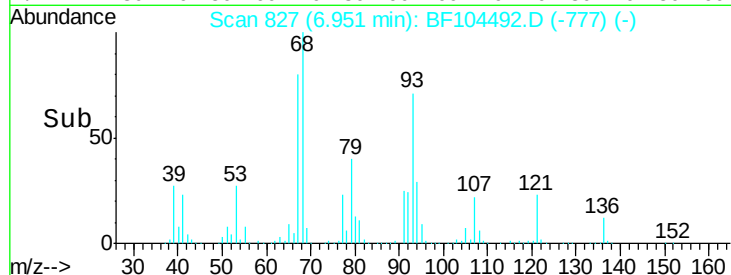
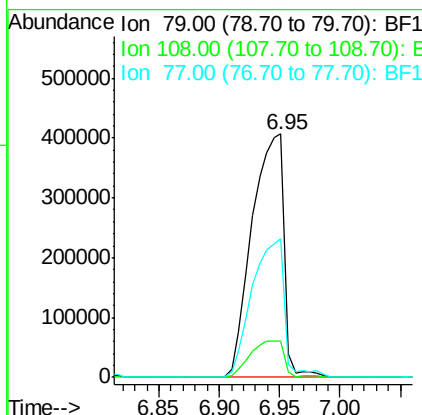
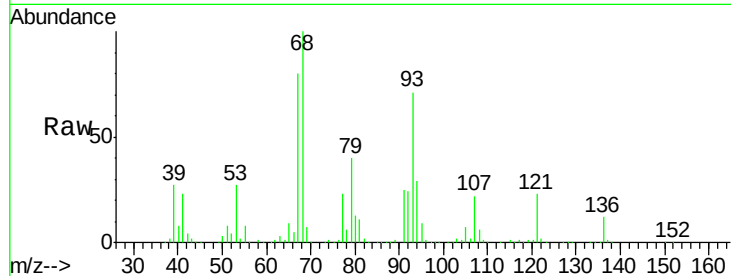




#15
Benzyl Alcohol
Concen: 112.929 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

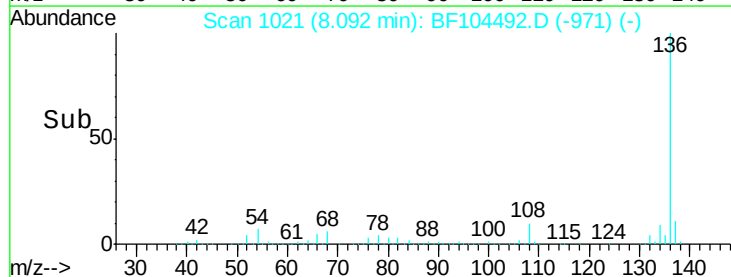
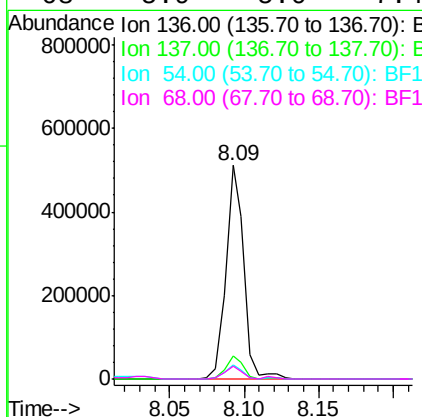
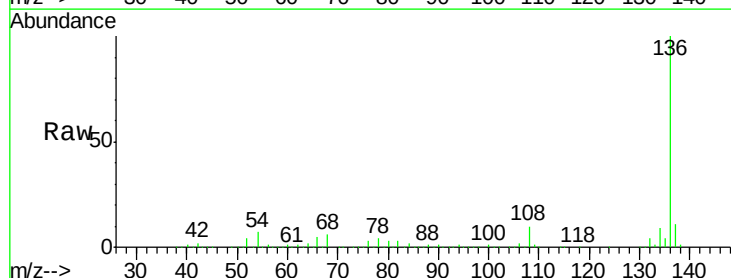
Instrument :
BNA_F
ClientSampled :
CLEARWELL

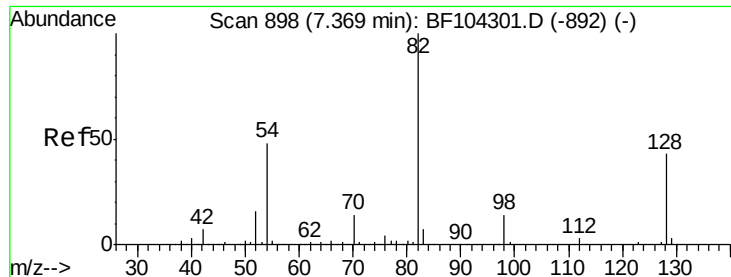
Tot Ion: 79 Resp: 753028
Ion Ratio Lower Upper
79 100
108 15.0 65.1 97.7#
77 56.7 50.6 75.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Tgt Ion: 136 Resp: 434065
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.7 6.6 9.8
68 5.9 5.0 7.4

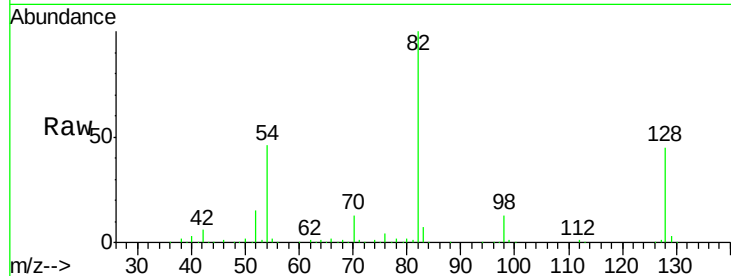




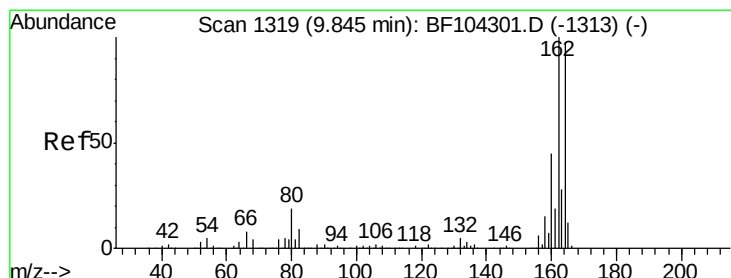
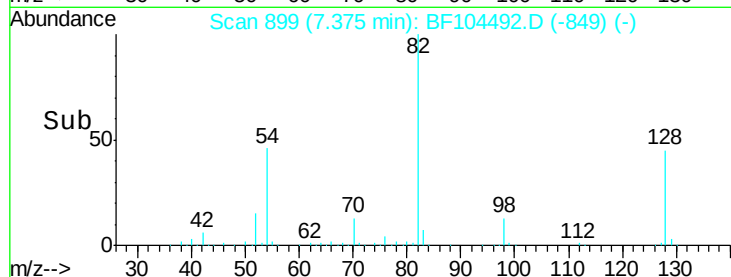
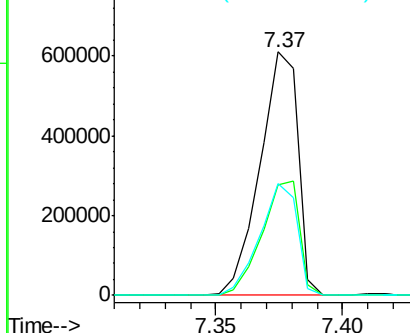
#23
Nitrobenzene-d5
Concen: 96.603 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tot Ion: 82 Resp: 642164
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 45.7 41.4 62.2

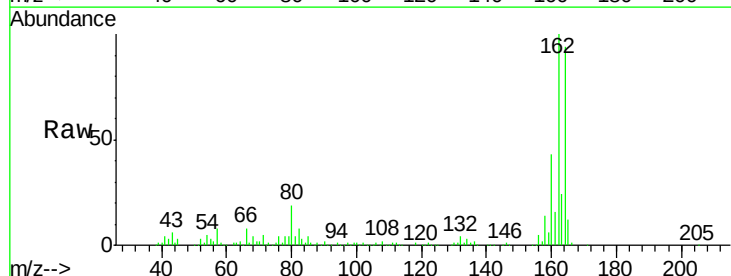


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

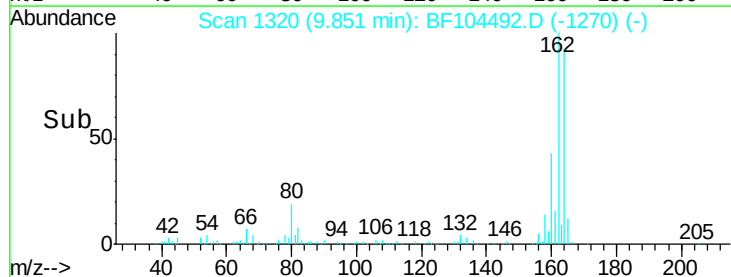
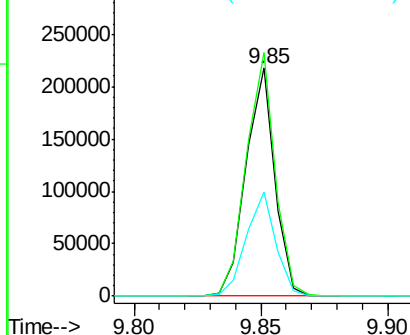


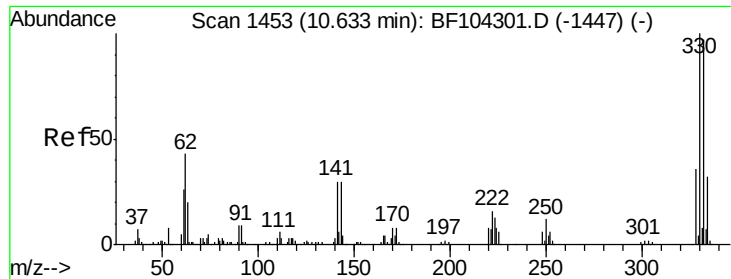
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Tgt Ion: 164 Resp: 171347
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 45.5 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: 67.507 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

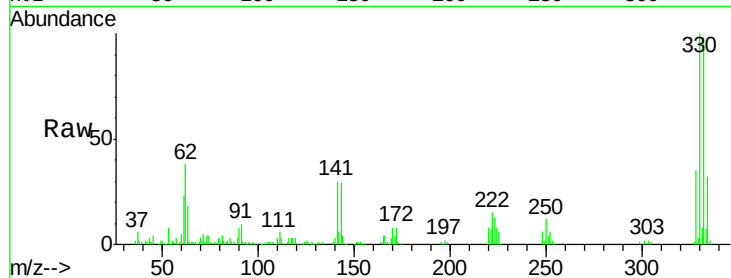
Tot Ion:330 Resp: 119989

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

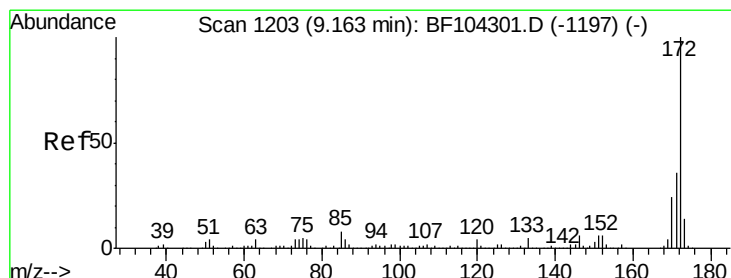
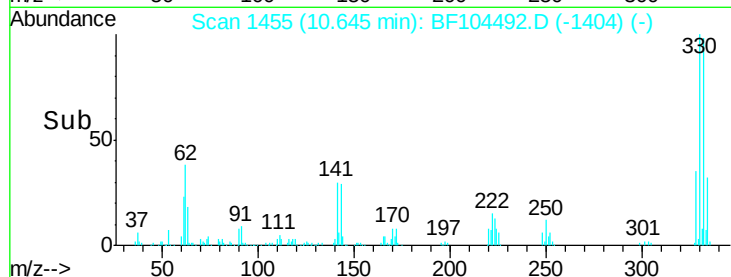
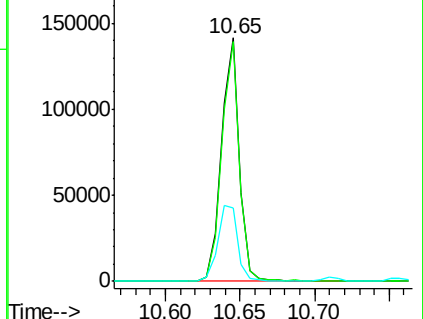
141 34.7 29.9 44.9



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: 93.235 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

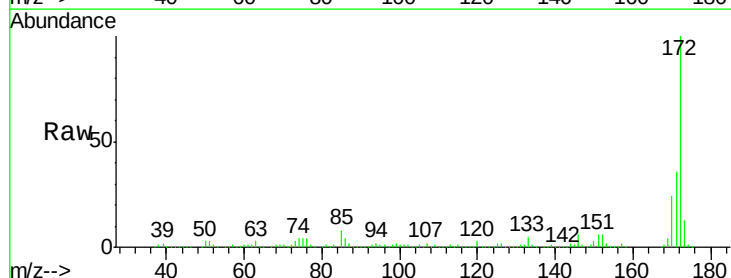
Tgt Ion:172 Resp: 1011270

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

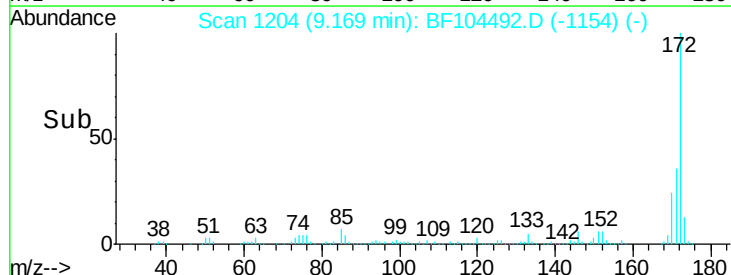
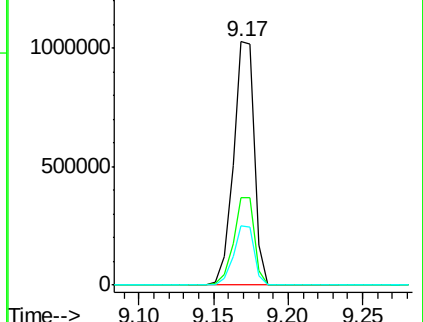
170 24.3 19.6 29.4

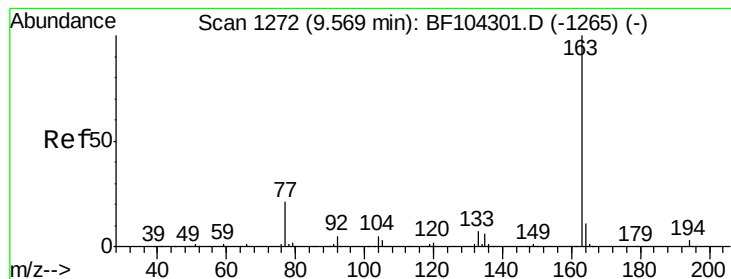


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.379 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

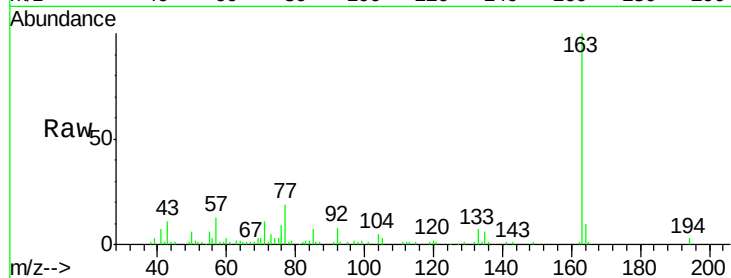
Tot Ion:163 Resp: 59176

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

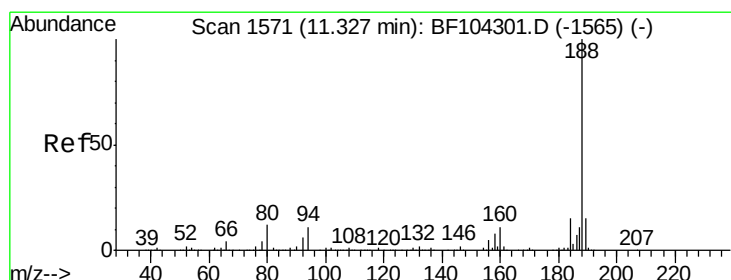
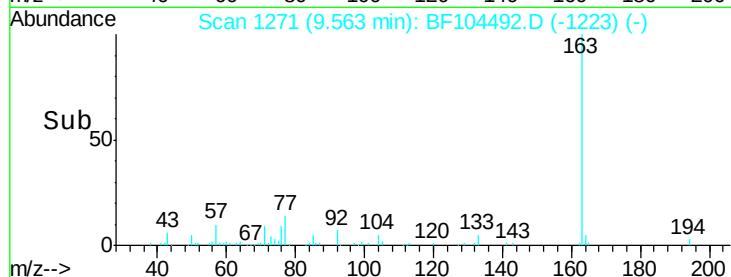
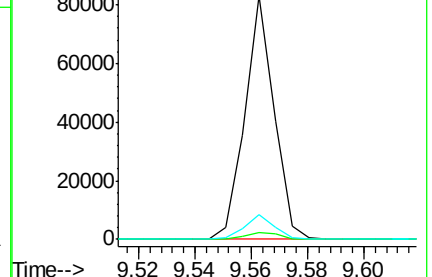
164 9.9 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

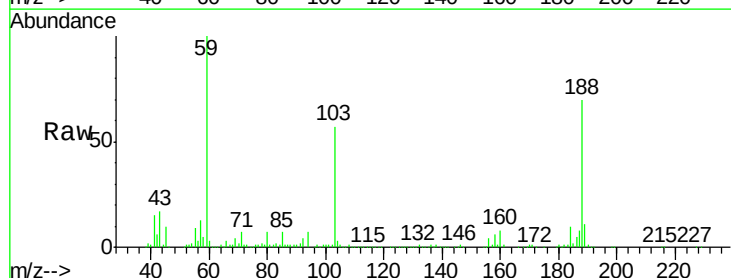
Tgt Ion:188 Resp: 240285

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

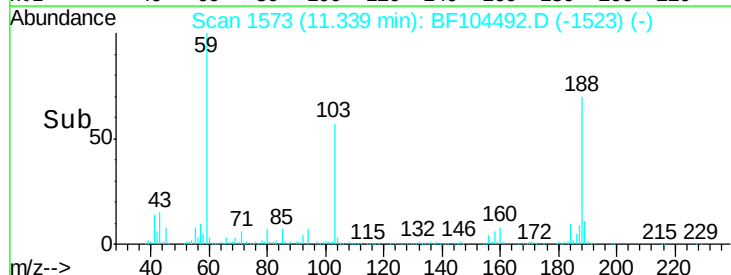
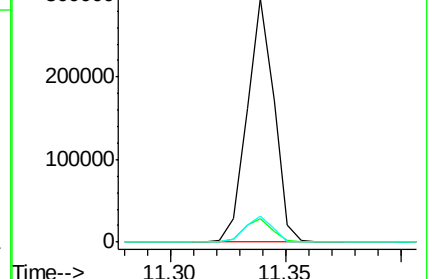
80 10.7 9.2 13.8

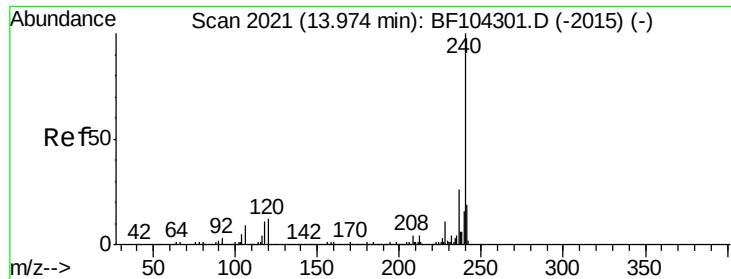


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

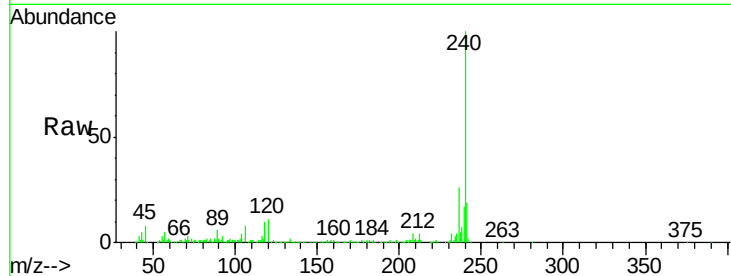
Tot Ion:240 Resp: 206908

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

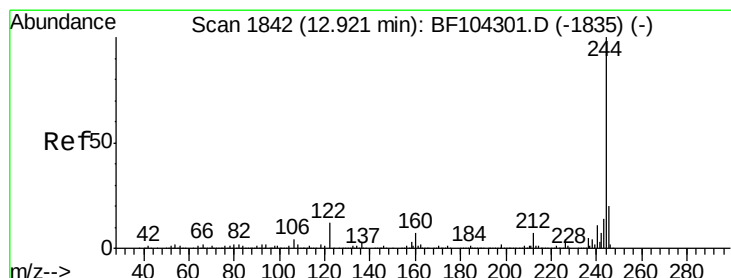
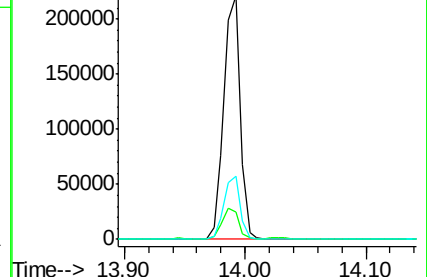
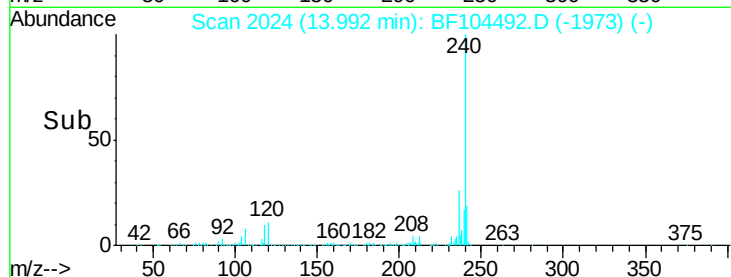
236 26.1 20.7 31.1



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: 57.231 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104492.D

Acq: 13 Apr 2018 21:21

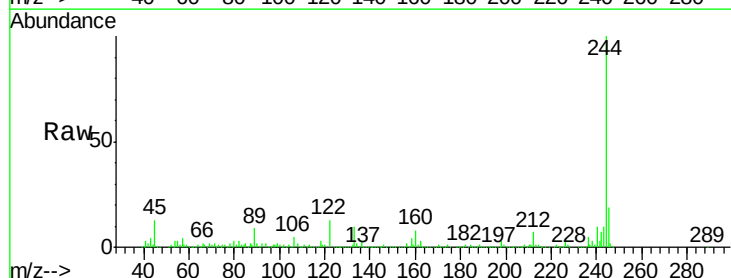
Tgt Ion:244 Resp: 519402

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

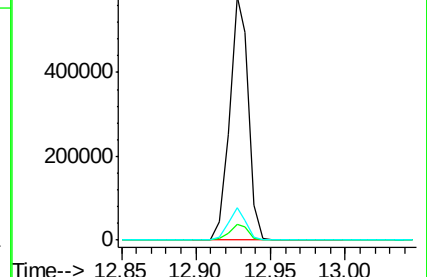
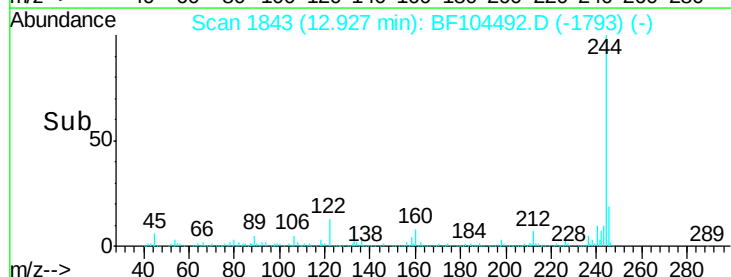
122 13.4 11.0 16.4

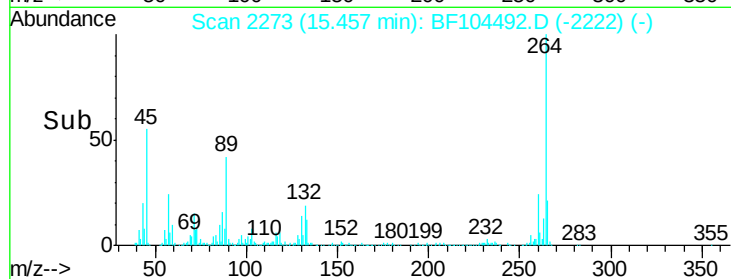
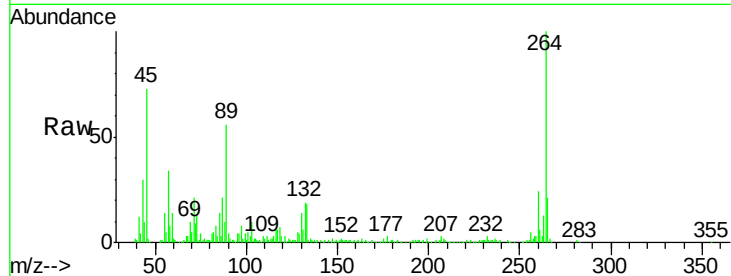
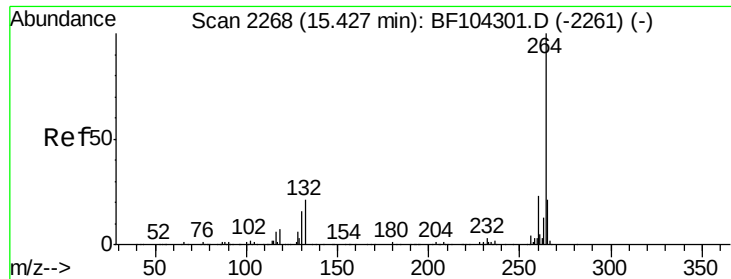


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104492.D
Acq: 13 Apr 2018 21:21

Instrument :
BNA_F
ClientSampleId :
CLEARWELL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

