

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104434.D
 Acq On : 11 Apr 2018 13:29
 Operator : JU/SJ
 Sample : J2310-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-02

Quant Time: Apr 11 16:40:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

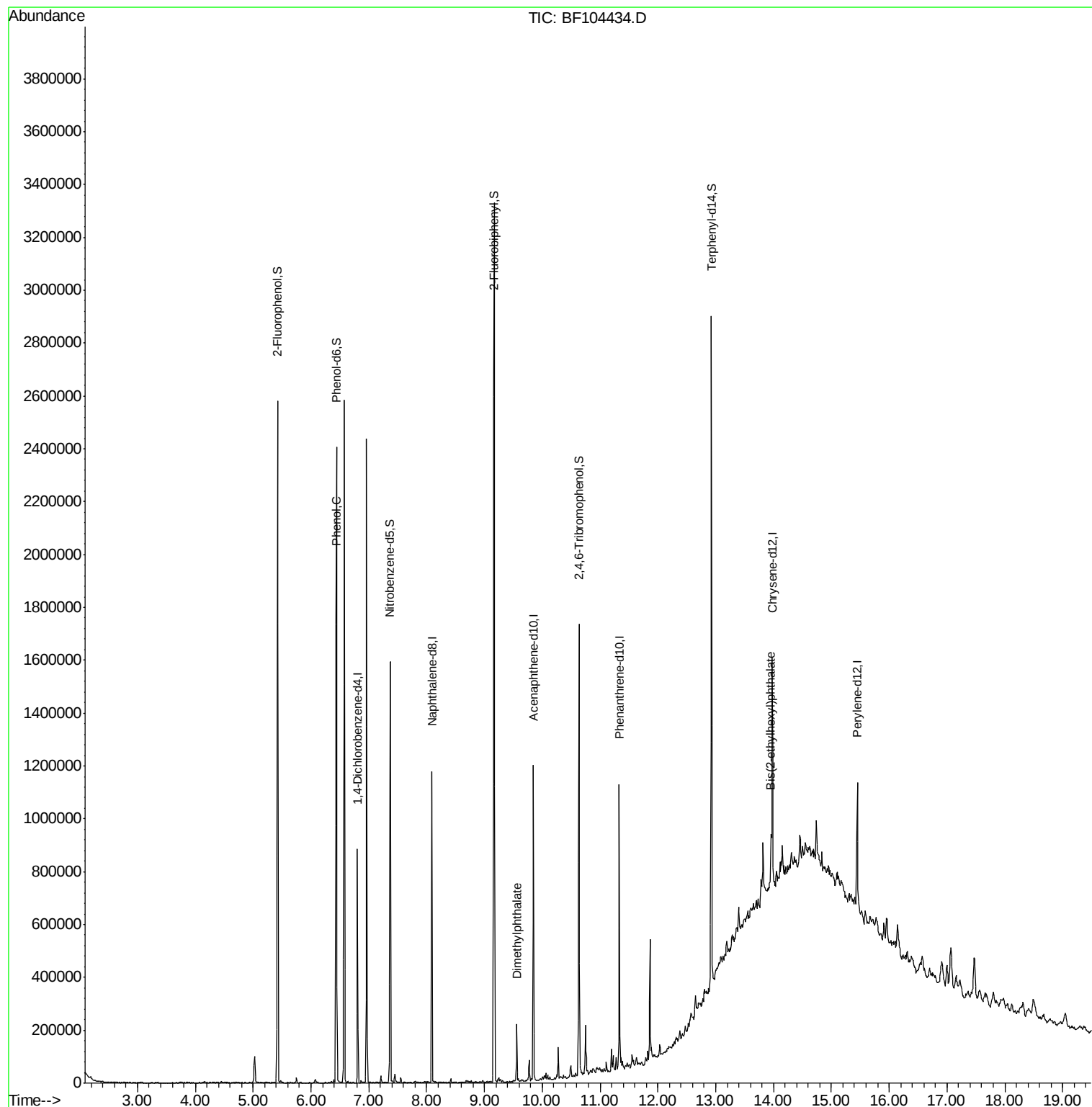
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135433	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	534169	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225447	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	359019	20.00	ng	0.00
75) Chrysene-d12	13.98	240	277097	20.00	ng	0.00
86) Perylene-d12	15.45	264	242659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	784280	88.55	ng	0.01
7) Phenol-d6	6.44	99	982971	90.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	597264	73.01	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	227155	97.13	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1031424	72.27	ng	0.00
78) Terphenyl-d14	12.93	244	863812	71.07	ng	0.00
Target Compounds						
10) Phenol	6.45	94	54057	4.681	ng	97
49) Dimethylphthalate	9.56	163	78278	4.403	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	63138	5.073	ng	99

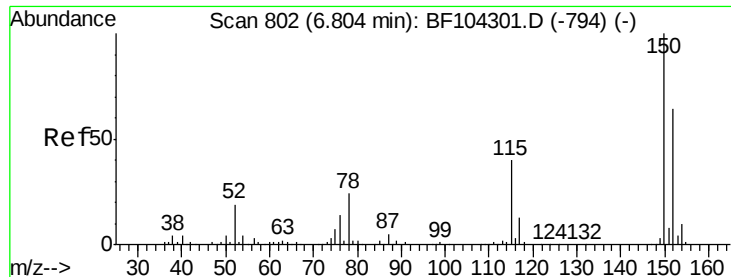
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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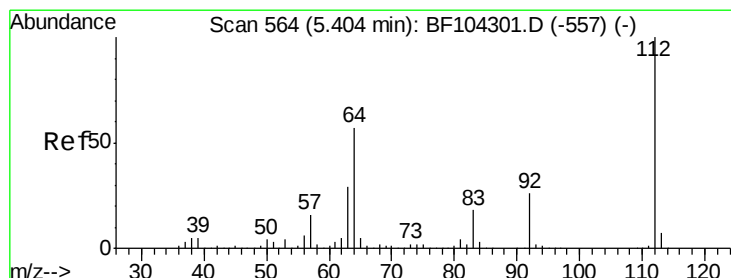
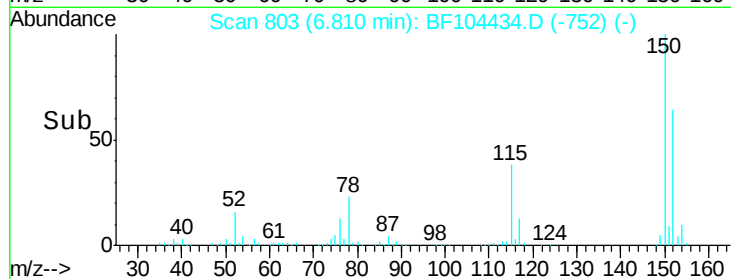
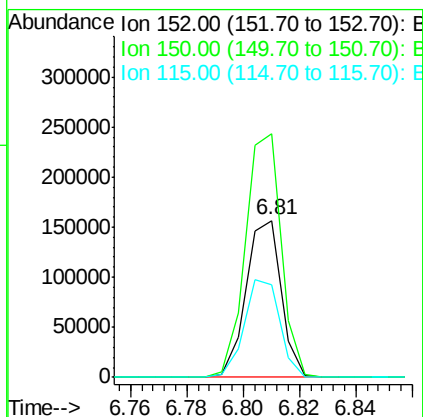
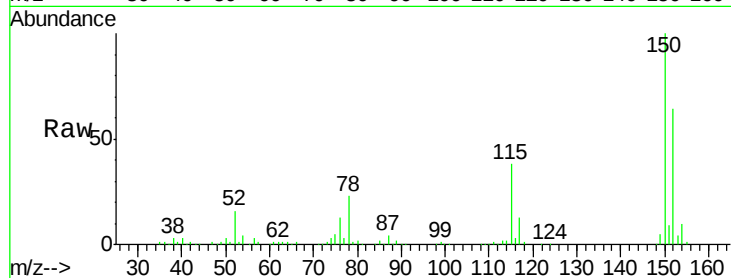


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-02

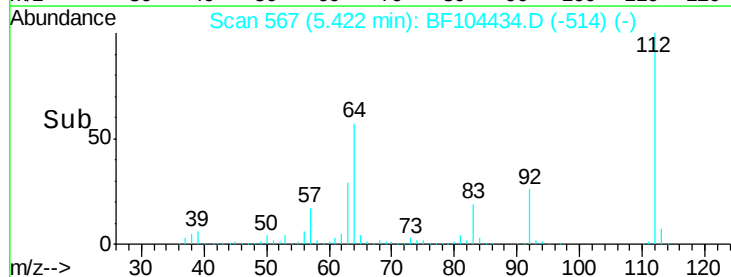
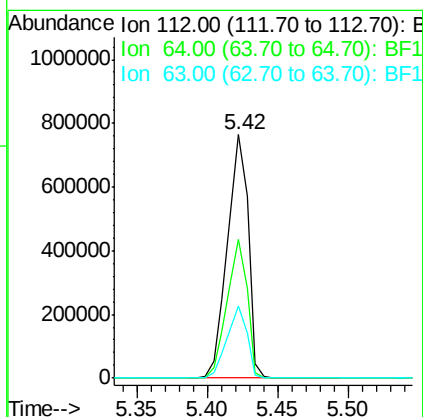
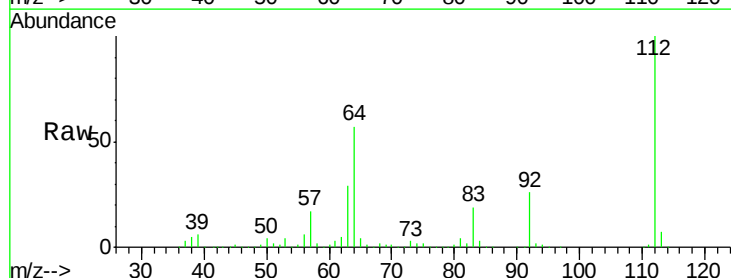
Tot Ion:152 Resp: 135433
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.9 50.1 75.1



#5

2-Fluorophenol
Concen: 88.546 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Tgt Ion:112 Resp: 784280
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 90.324 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104434.D

Acq: 11 Apr 2018 13:29

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-02

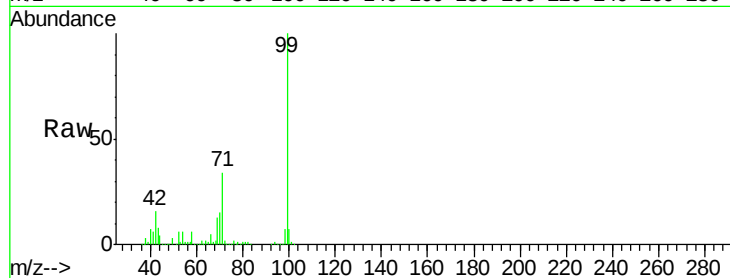
Tot Ion: 99 Resp: 982971

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

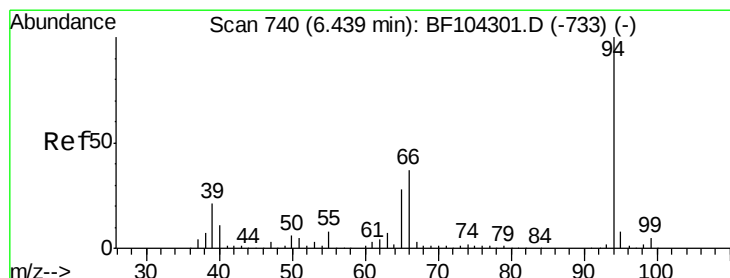
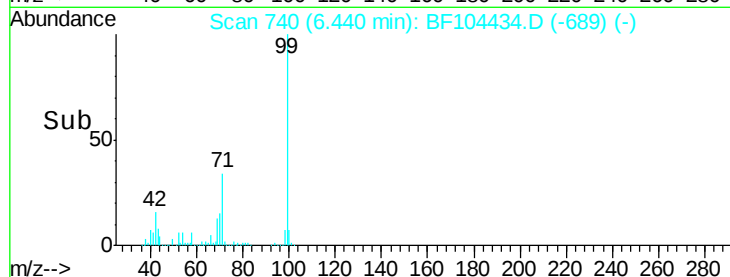
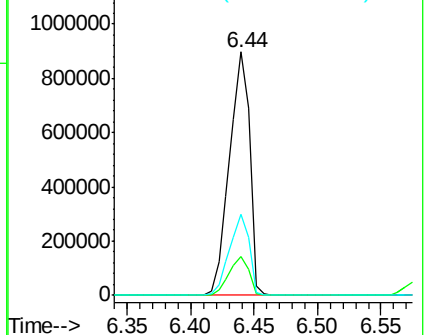
71 33.5 25.4 38.0



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: 4.681 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104434.D

Acq: 11 Apr 2018 13:29

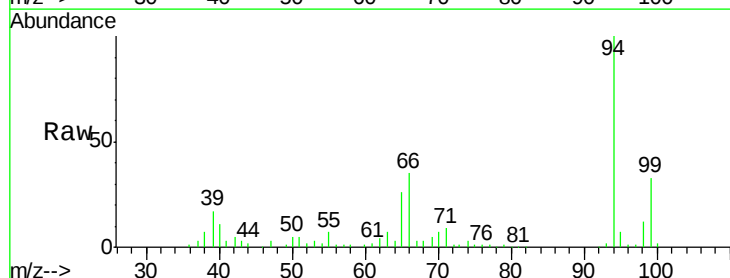
Tgt Ion: 94 Resp: 54057

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

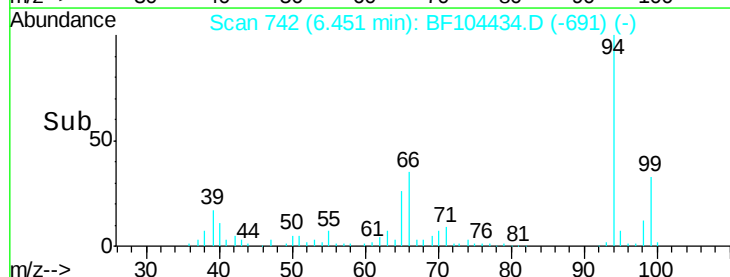
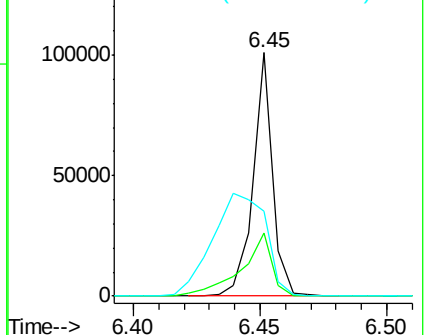
66 34.8 16.2 56.2



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

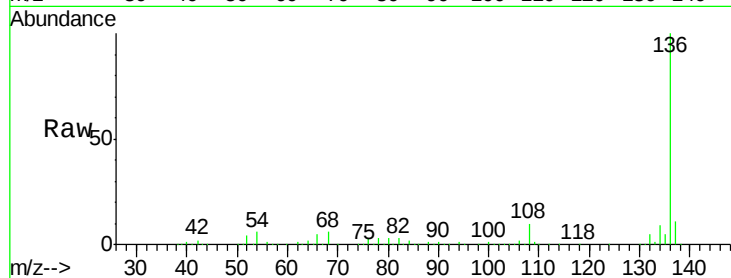




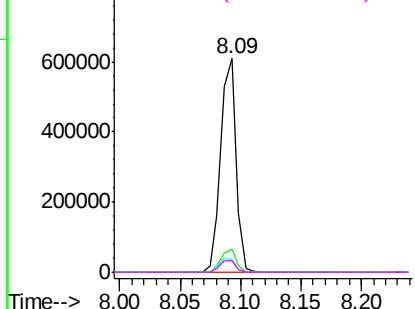
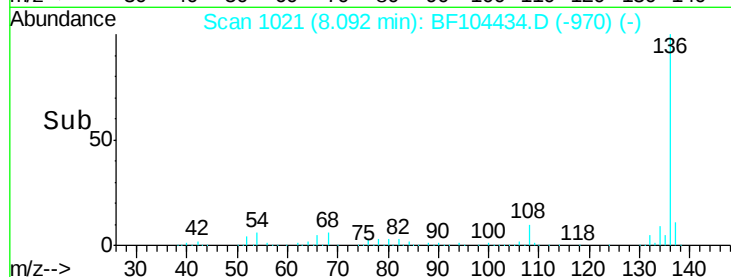
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-02

Tot Ion:136	Resp:	534169
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.2	6.6 9.8#
68	5.6	5.0 7.4

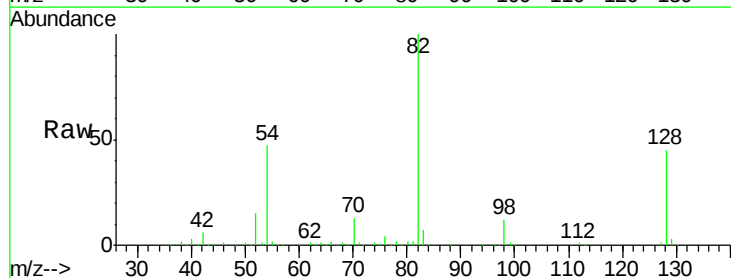


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

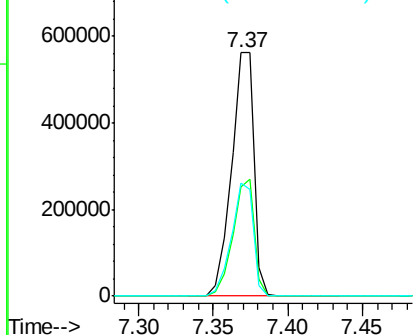
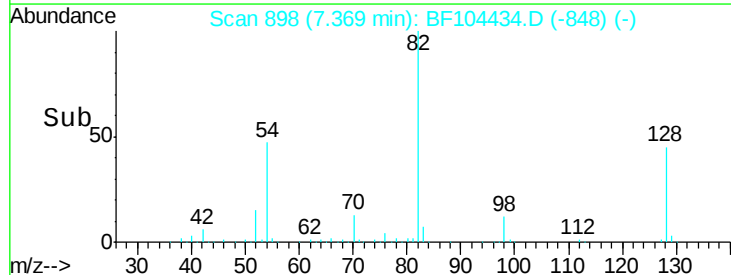


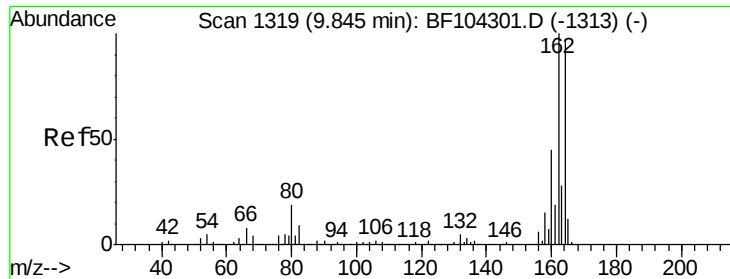
#23
Nitrobenzene-d5
Concen: 73.011 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Tgt Ion: 82	Resp:	597264
Ion Ratio	Lower	Upper
82	100	
128	45.1	36.1 54.1
54	46.7	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

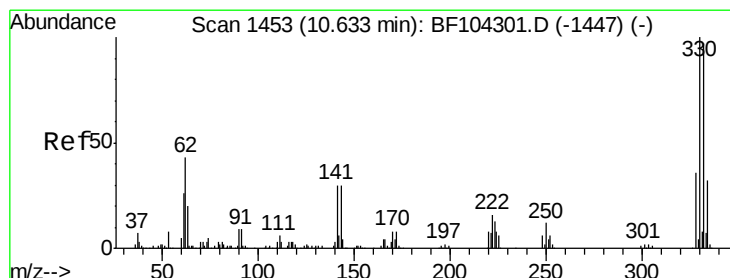
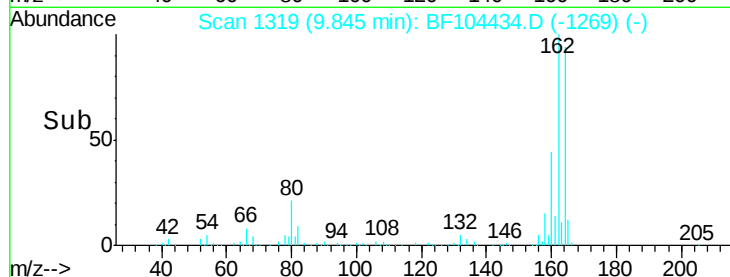
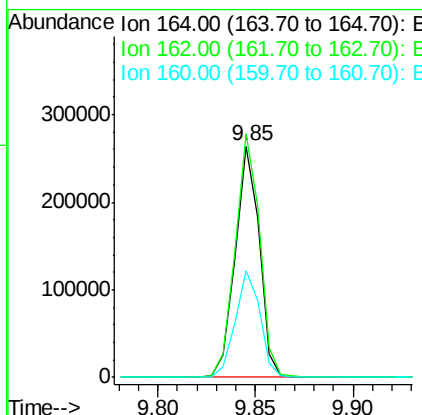
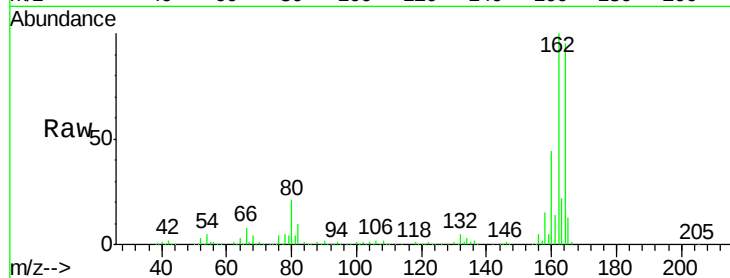




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104434.D
 Acq: 11 Apr 2018 13:29

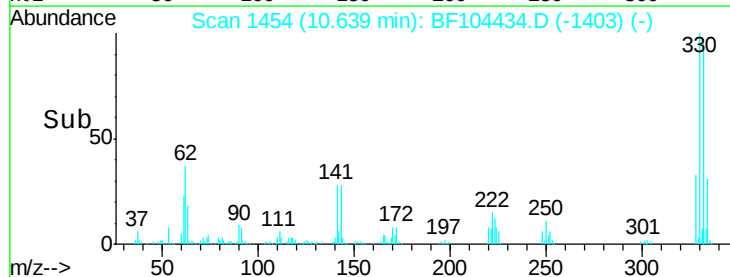
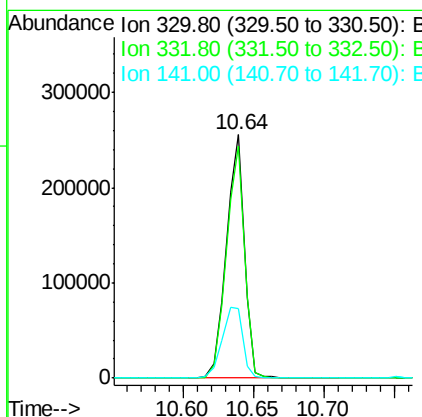
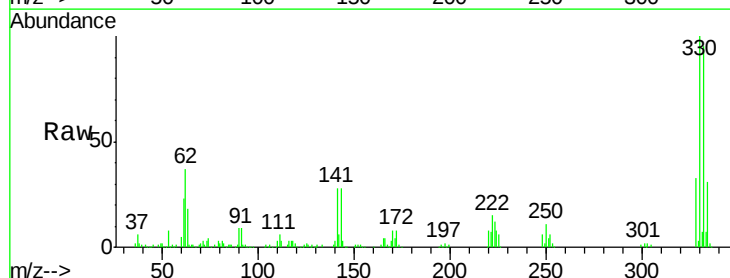
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 97.132 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104434.D
 Acq: 11 Apr 2018 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.5	29.9	44.9

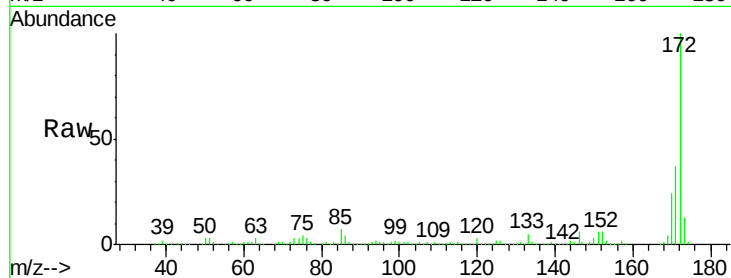




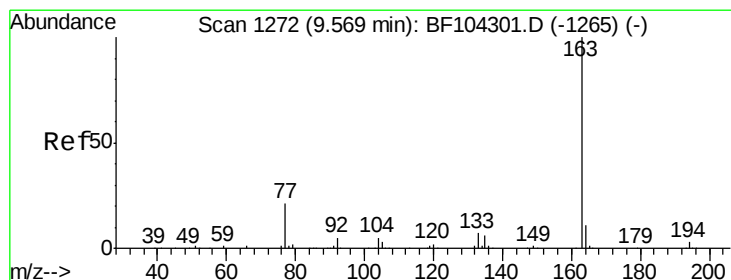
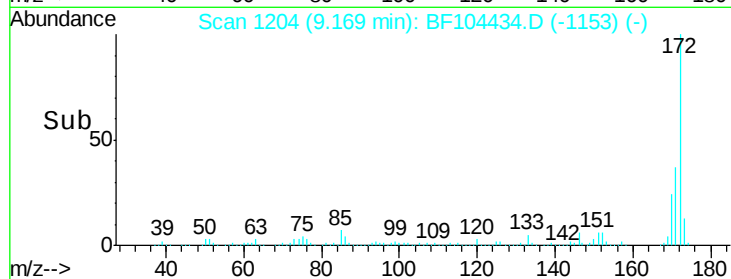
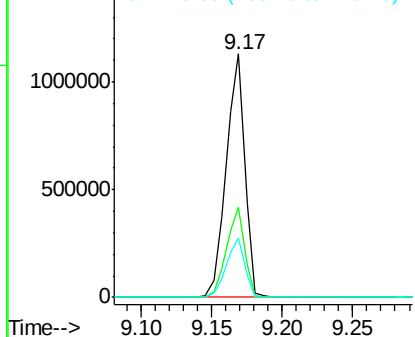
#44
2-Fluorobiphenyl
Concen: 72.274 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-02

Tot Ion:172 Resp: 1031424
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.4 19.6 29.4

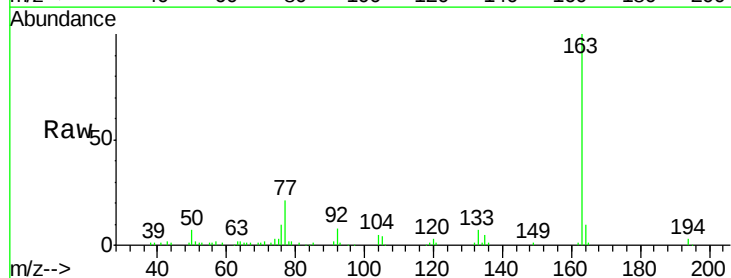


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

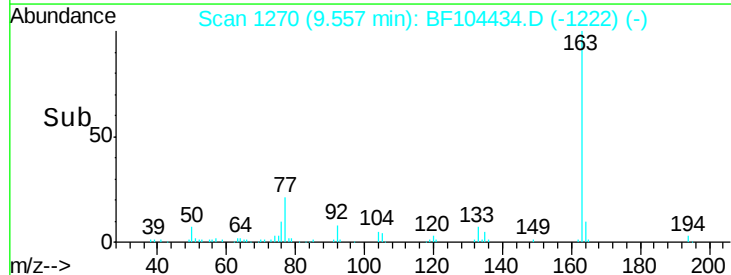
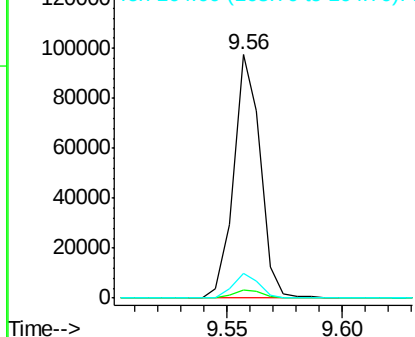


#49
Dimethylphthalate
Concen: 4.403 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Tgt Ion:163 Resp: 78278
Ion Ratio Lower Upper
163 100
194 3.3 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

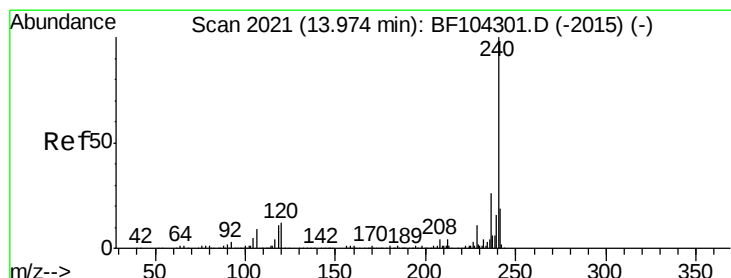
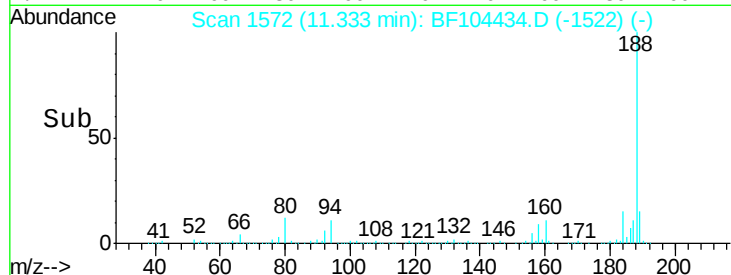
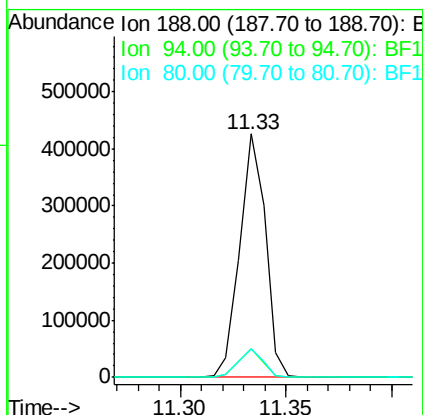
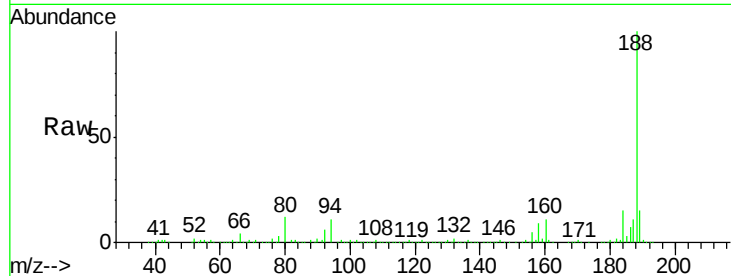




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

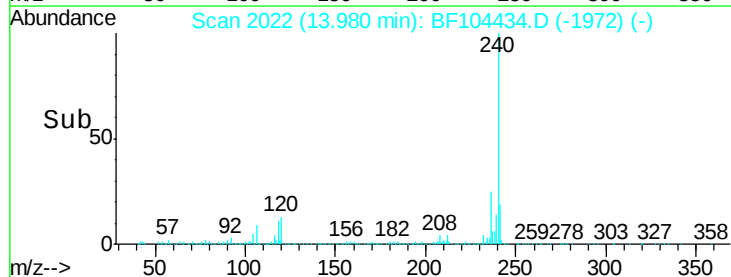
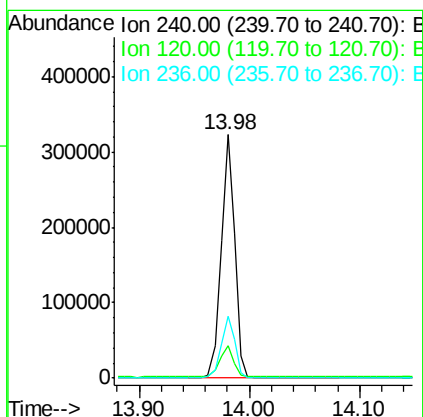
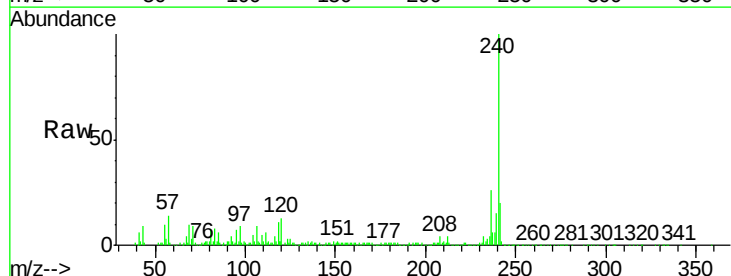
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-02

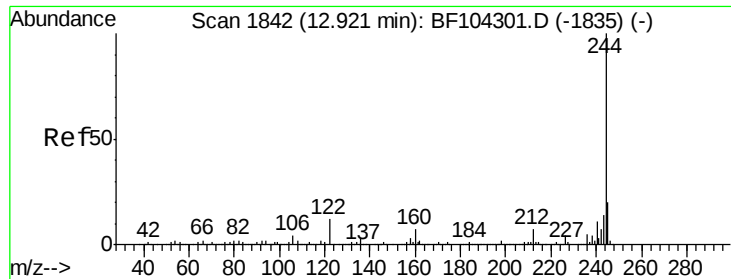
Tot Ion:188 Resp: 359019
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Tgt Ion:240 Resp: 277097
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 71.071 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104434.D

Acq: 11 Apr 2018 13:29

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-02

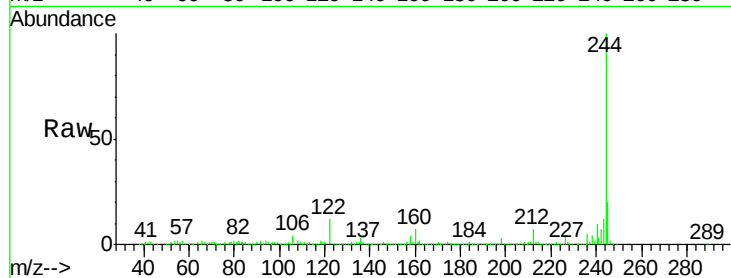
Tot Ion:244 Resp: 863812

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

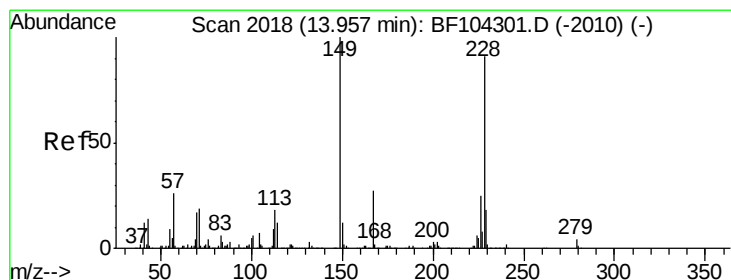
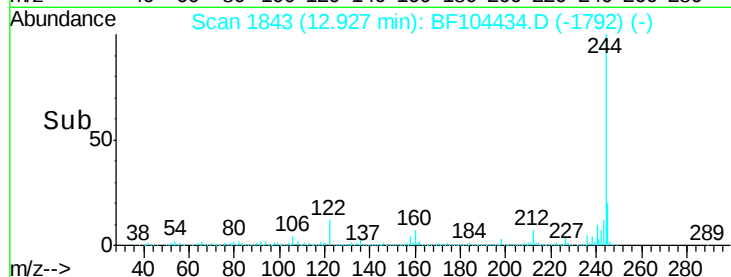
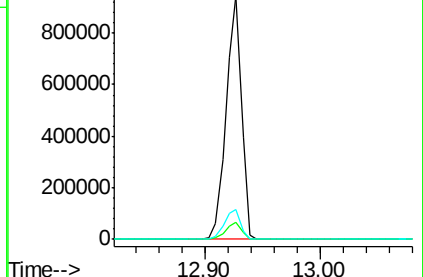
122 12.1 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.073 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF104434.D

Acq: 11 Apr 2018 13:29

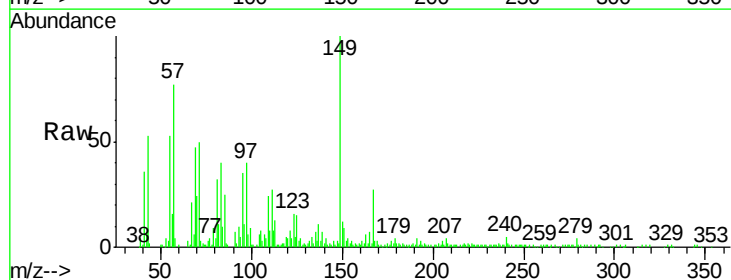
Tgt Ion:149 Resp: 63138

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

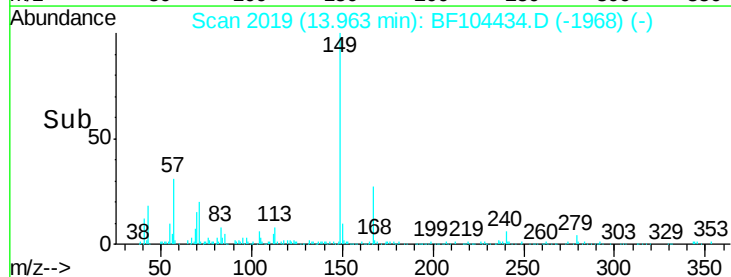
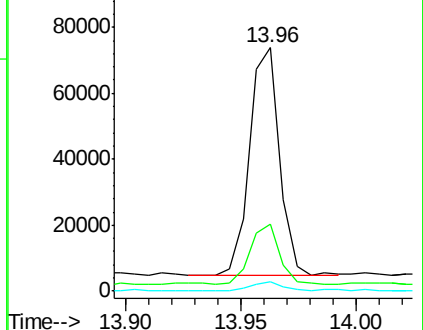
279 3.7 3.0 4.4

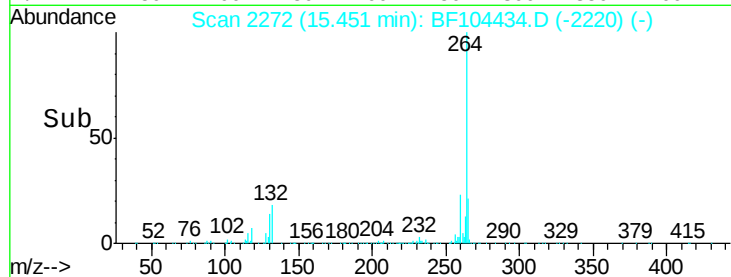
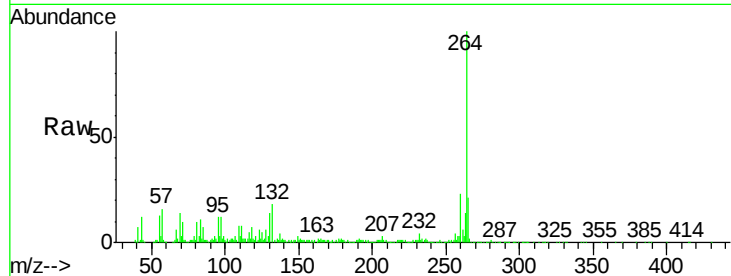
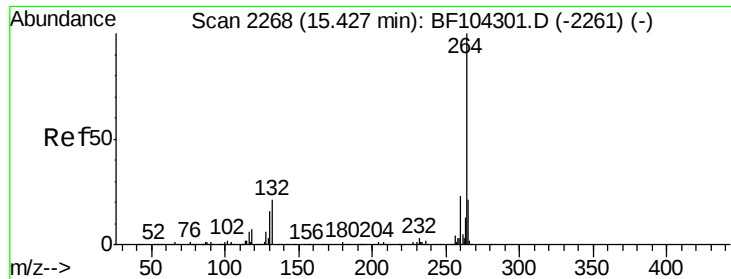


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104434.D
Acq: 11 Apr 2018 13:29

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

