

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102831.D
 Acq On : 7 Feb 2018 23:02
 Operator : SJ/JU
 Sample : J1471-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-15

Quant Time: Feb 08 06:25:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

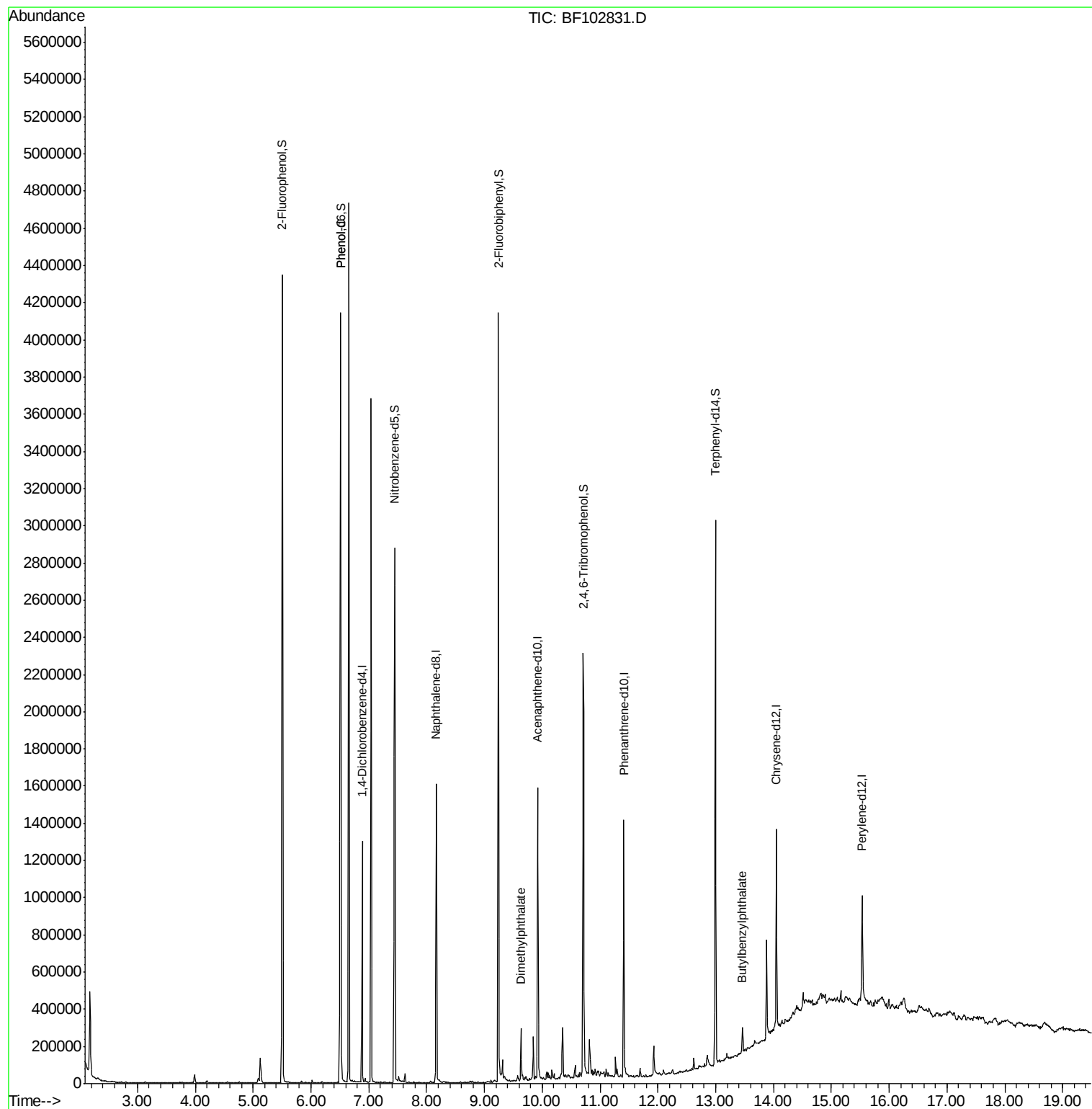
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184508	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	727718	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	305794	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	448460	20.00	ng	0.00
75) Chrysene-d12	14.05	240	347347	20.00	ng	0.00
86) Perylene-d12	15.53	264	269408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1353698	111.42	ng	0.02
7) Phenol-d6	6.52	99	1593088	108.90	ng	0.01
23) Nitrobenzene-d5	7.45	82	992171	94.58	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	278753	113.26	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1458130	79.12	ng	0.00
78) Terphenyl-d14	13.00	244	1024289	69.82	ng	0.00
Target Compounds						
10) Phenol	6.52	94	39825	2.540	ng	81
49) Dimethylphthalate	9.63	163	104484	4.382	ng	99
79) Butylbenzylphthalate	13.46	149	23531	2.792	ng	90

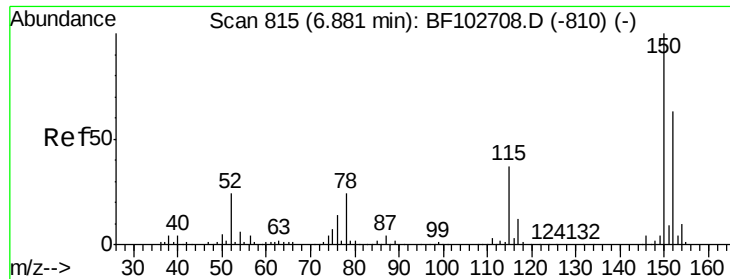
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF102831.D
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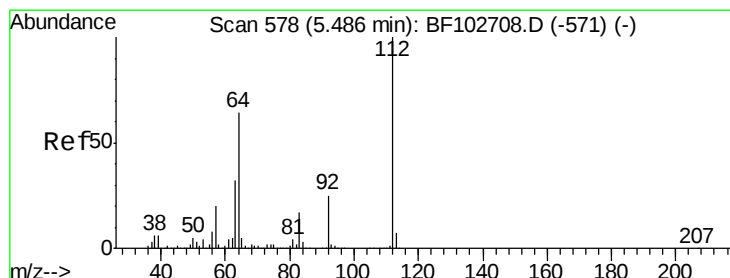
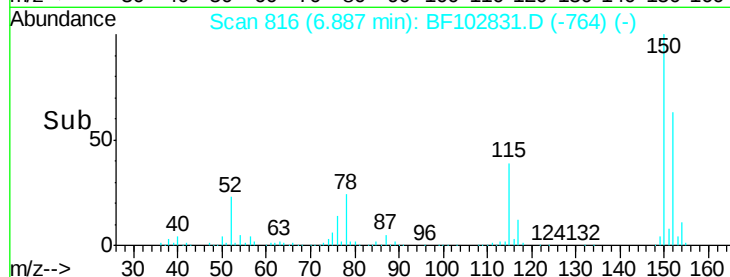
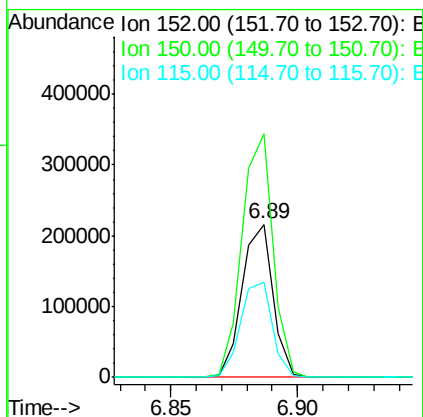
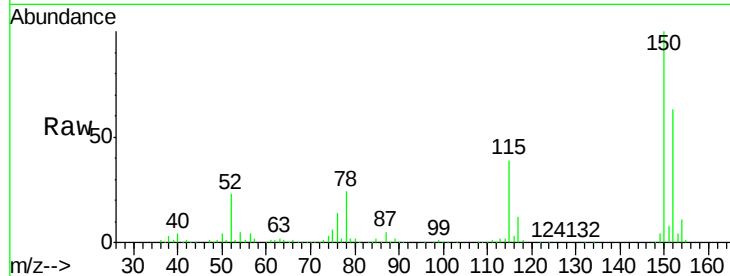


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Instrument :
BNA_F
ClientSampleId :
3N-15

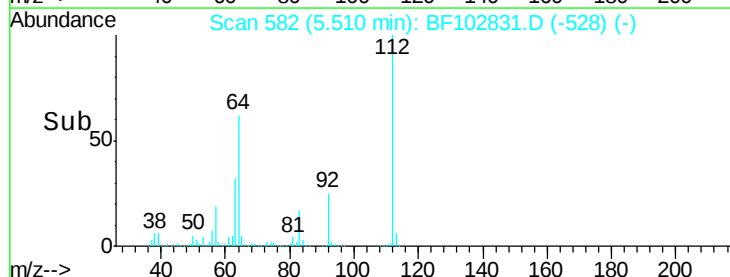
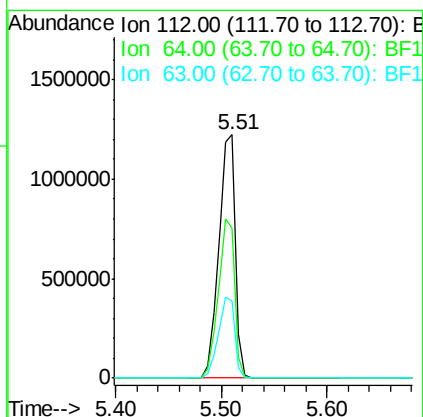
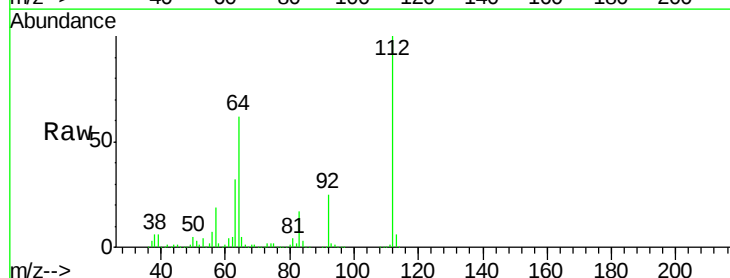
Tot Ion:152 Resp: 184508
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.3 50.1 75.1

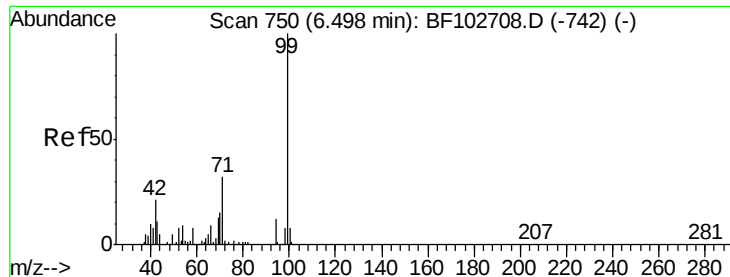


#5

2-Fluorophenol
Concen: 111.422 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Tgt Ion:112 Resp: 1353698
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 108.902 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

Instrument :

BNA_F

ClientSampleId :

3N-15

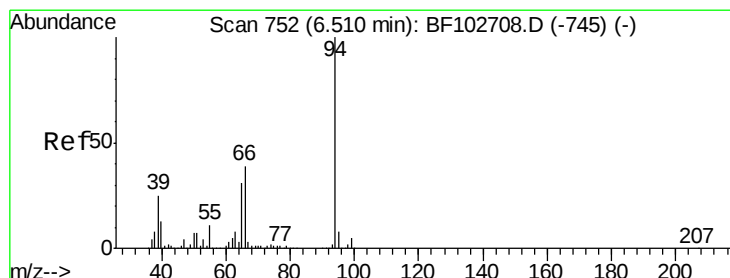
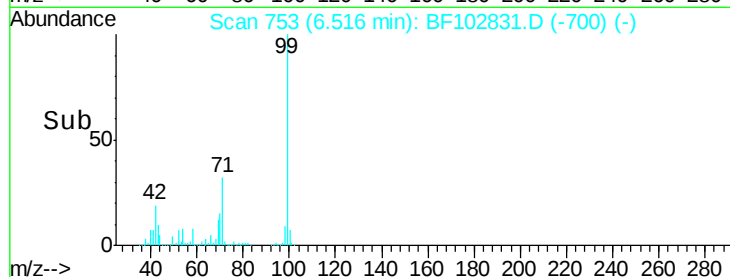
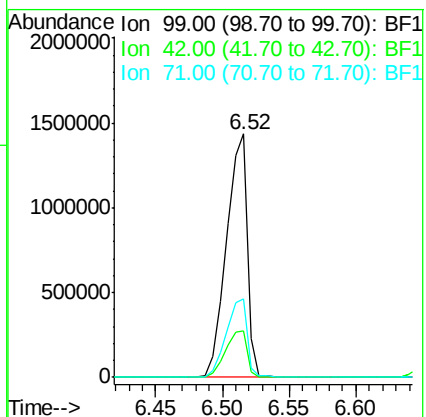
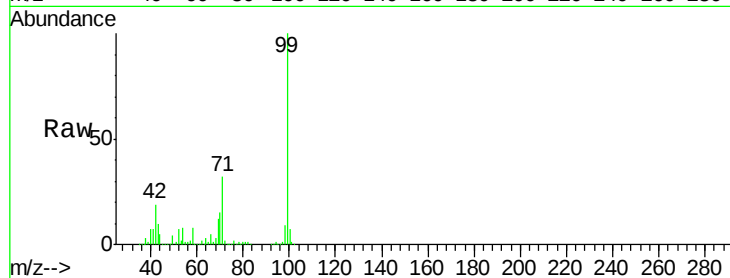
Tot Ion: 99 Resp: 1593088

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 32.1 25.4 38.0



#10

Phenol

Concen: 2.540 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

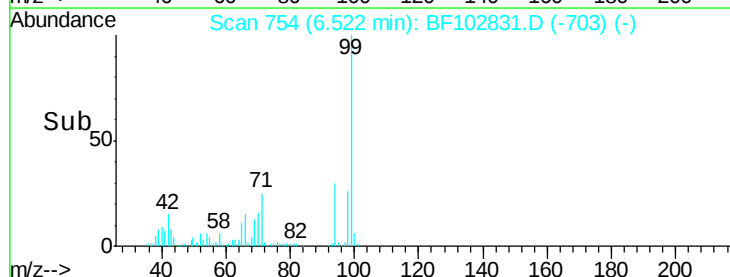
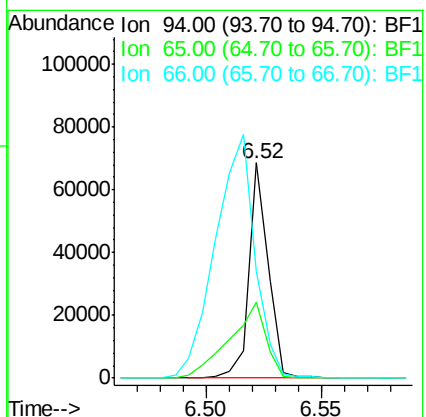
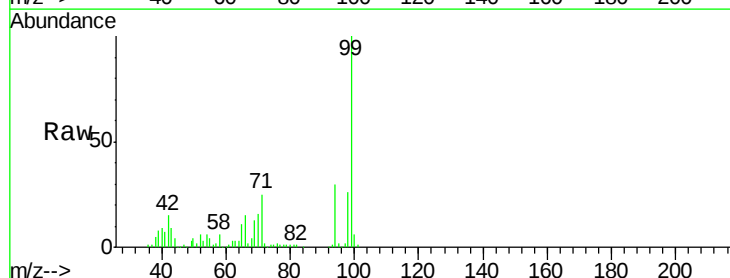
Tgt Ion: 94 Resp: 39825

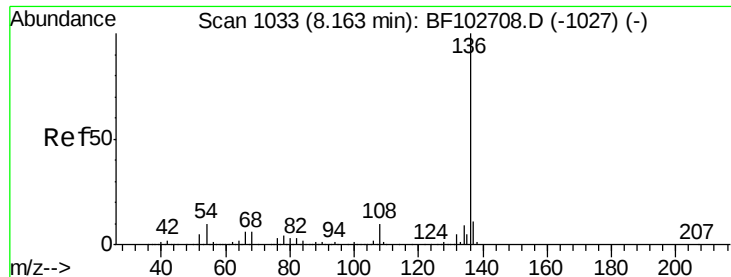
Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

66 49.7 16.2 56.2

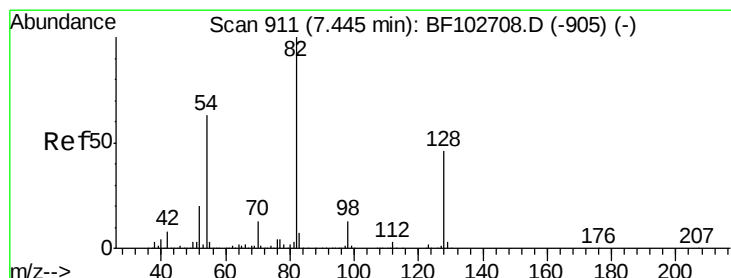
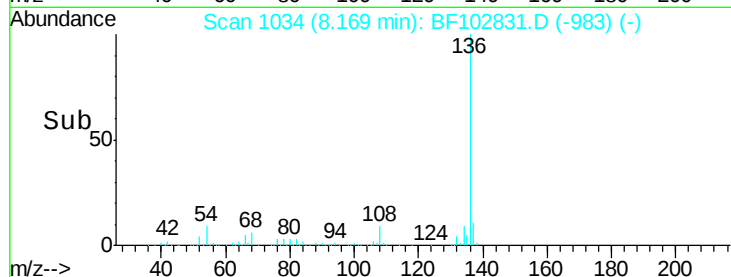
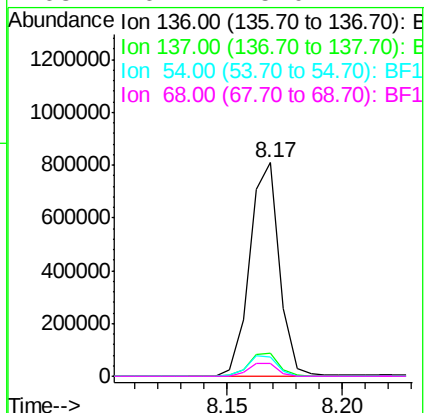
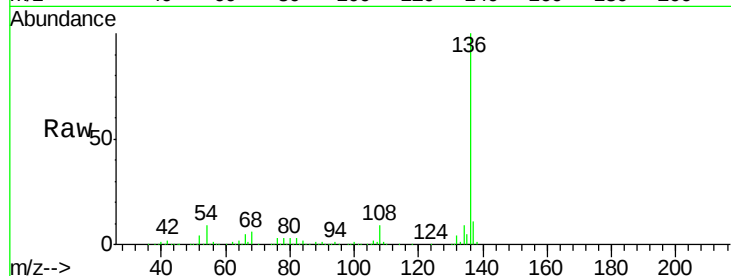




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

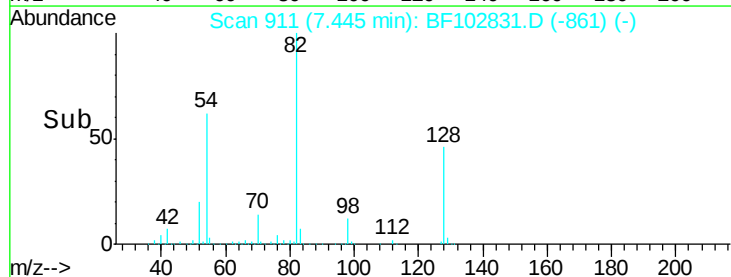
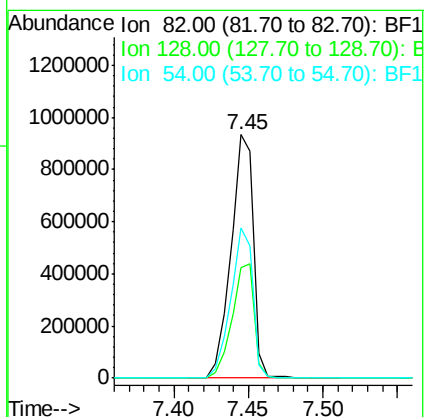
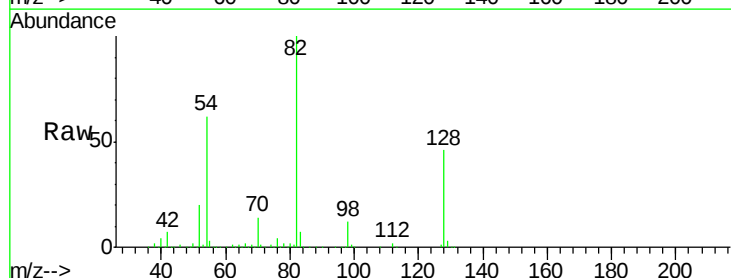
Instrument :
BNA_F
ClientSampleId :
3N-15

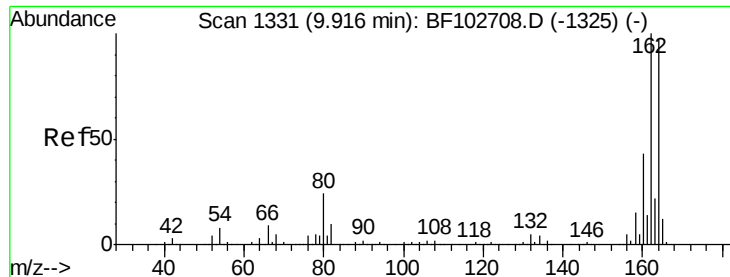
Tot Ion:136	Resp:	727718
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 9.0	6.6	9.8
68 6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.580 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Tgt Ion: 82	Resp: 992171
Ion Ratio	Lower Upper
82 100	
128 45.6	36.1 54.1
54 61.9	41.4 62.2

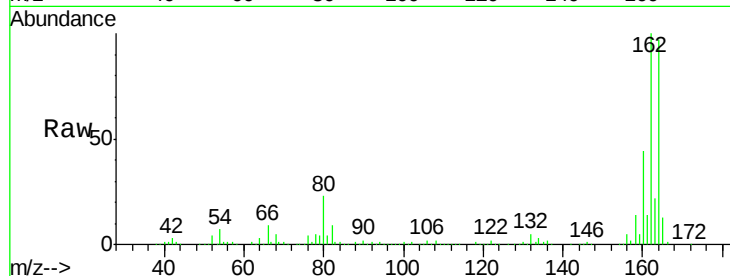




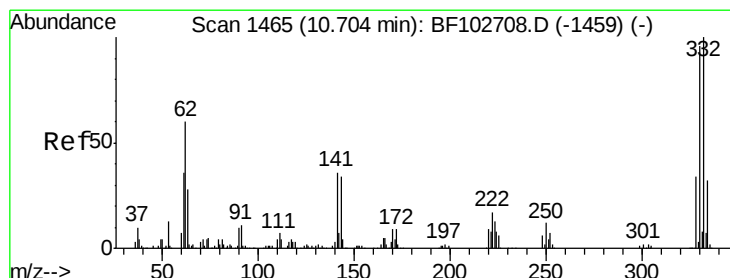
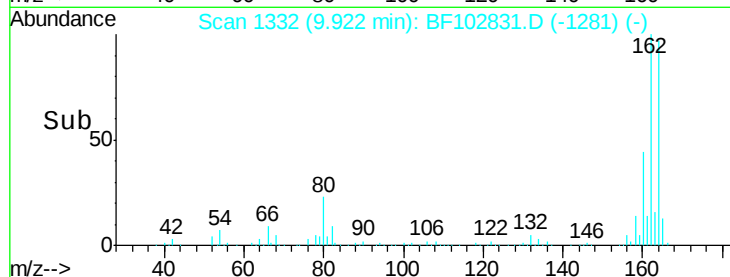
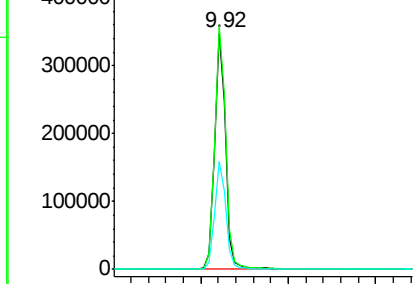
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Instrument :
BNA_F
ClientSampleId :
3N-15

Tot Ion:164 Resp: 305794
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 45.4 38.3 57.5

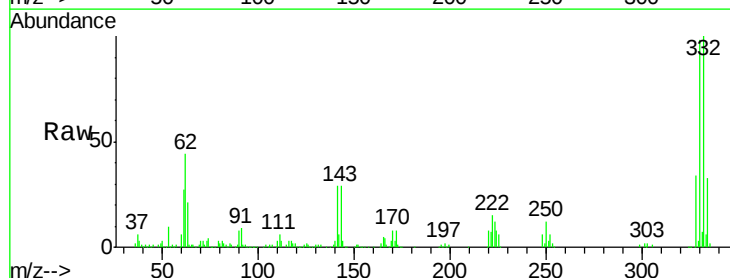


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

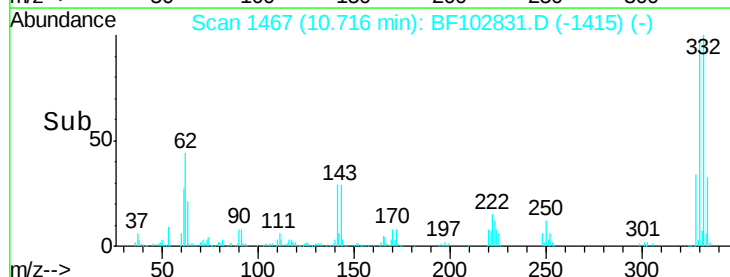
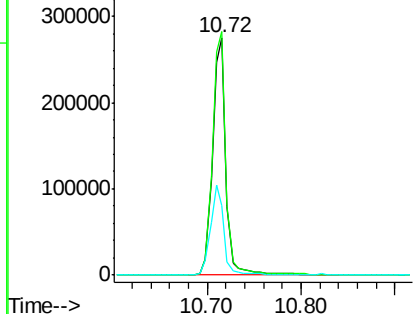


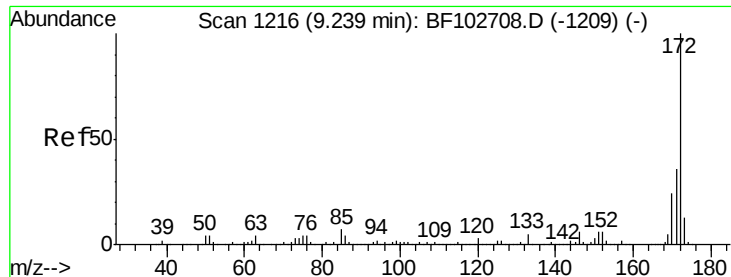
#41
2,4,6-Tribromophenol
Concen: 113.255 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Tgt Ion:330 Resp: 278753
Ion Ratio Lower Upper
330 100
332 103.4 77.0 115.6
141 38.5 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

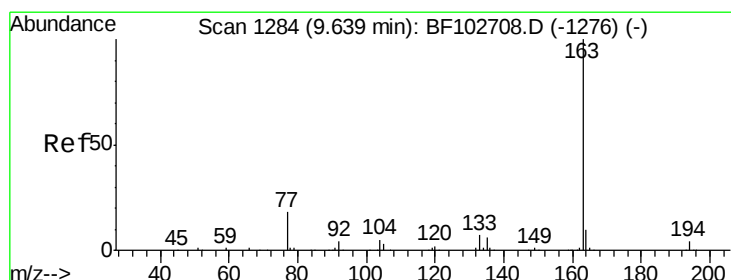
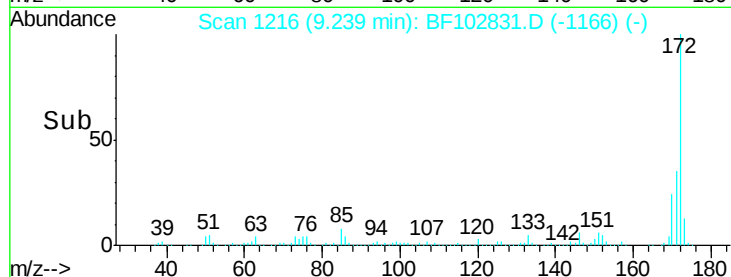
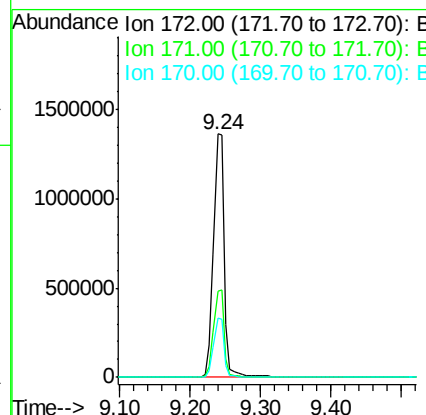
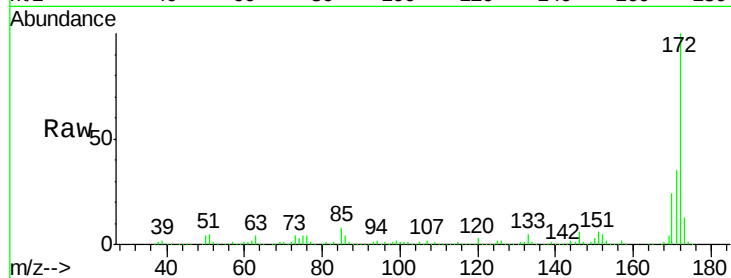




#44
2-Fluorobiphenyl
Concen: 79.124 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

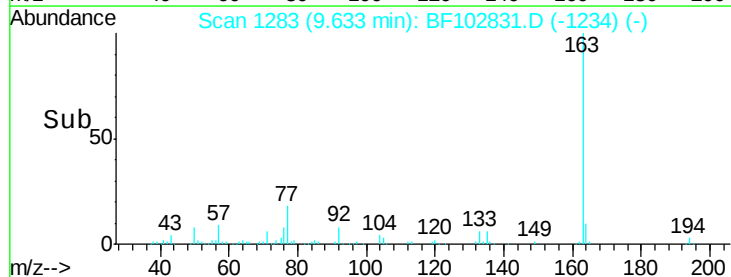
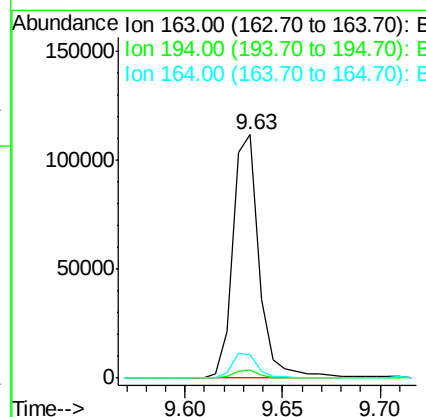
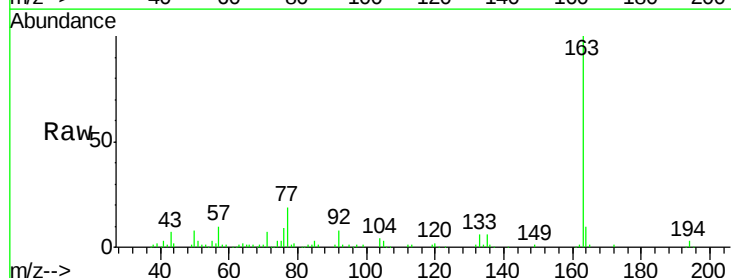
Instrument :
BNA_F
ClientSampleId :
3N-15

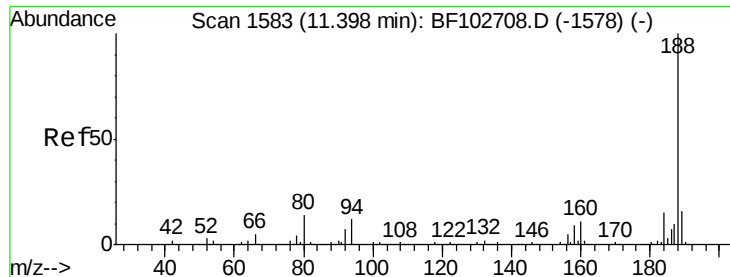
Tot Ion:172 Resp: 1458130
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 4.382 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Tgt Ion:163 Resp: 104484
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

Instrument :

BNA_F

ClientSampleId :

3N-15

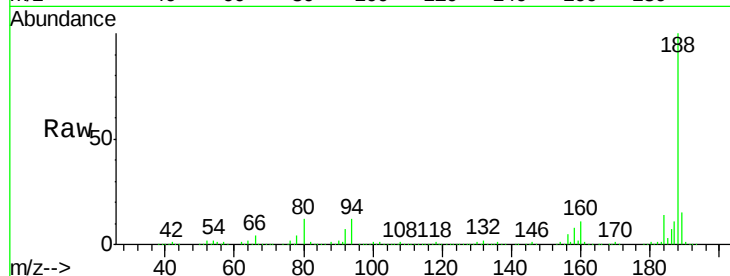
Tot Ion:188 Resp: 448460

Ion Ratio Lower Upper

188 100

94 12.0 8.5 12.7

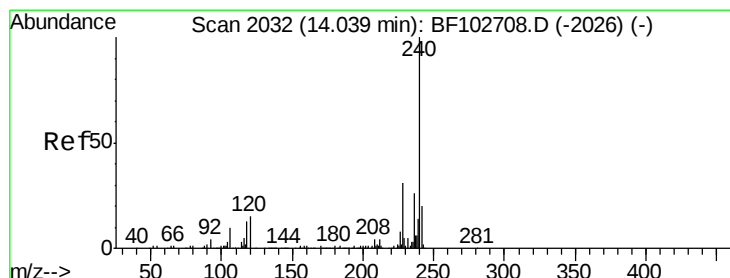
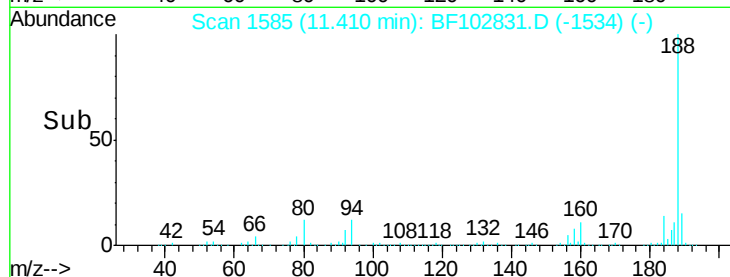
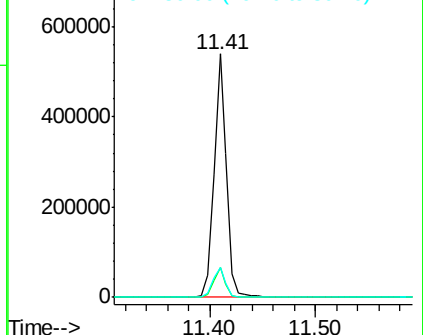
80 12.4 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

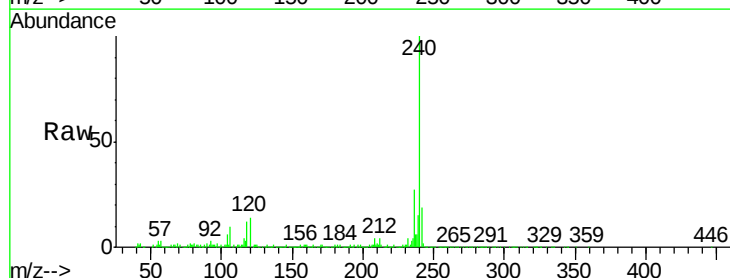
Tgt Ion:240 Resp: 347347

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

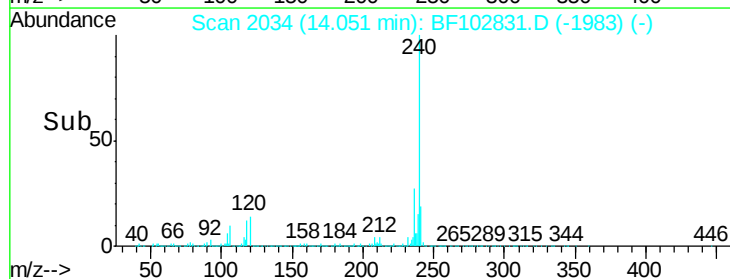
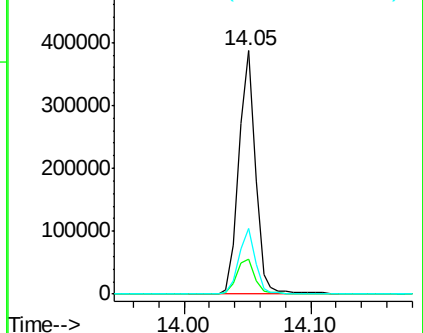
236 26.9 20.7 31.1

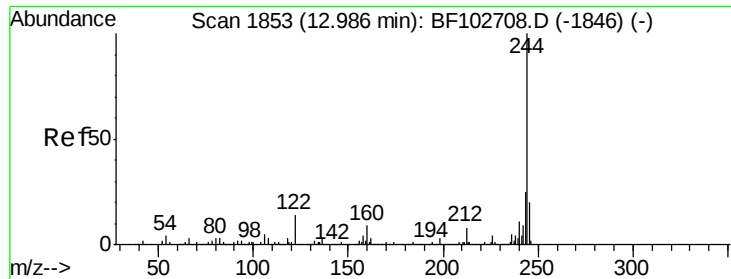


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.823 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

Instrument :

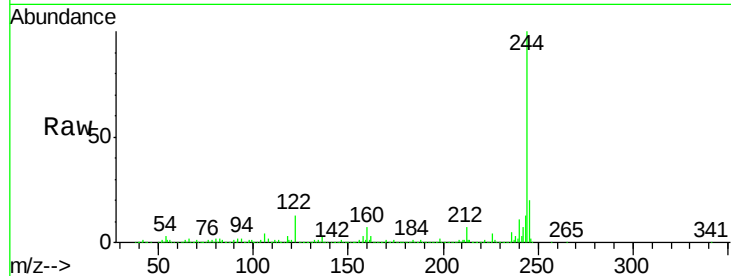
BNA_F

ClientSampleId :

3N-15

Tot Ion:244 Resp: 1024289

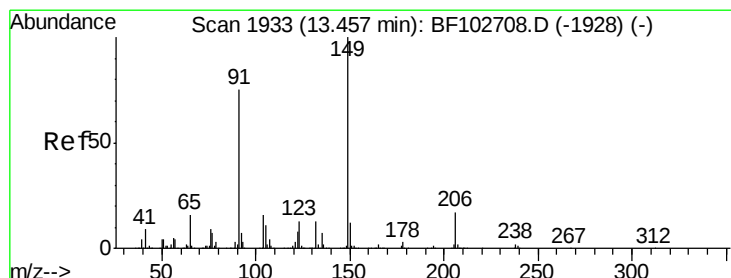
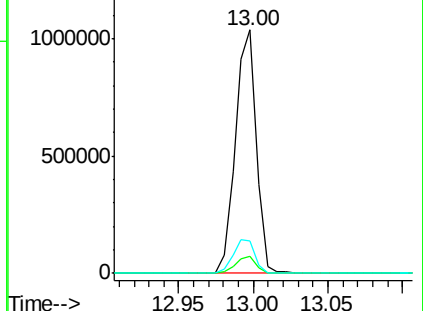
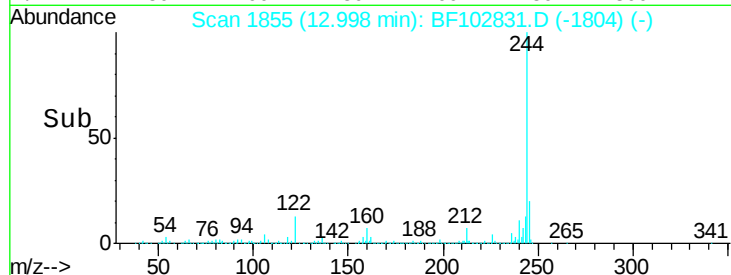
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.5	11.0	16.4



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: 2.792 ng

RT: 13.46 min Scan# 1934

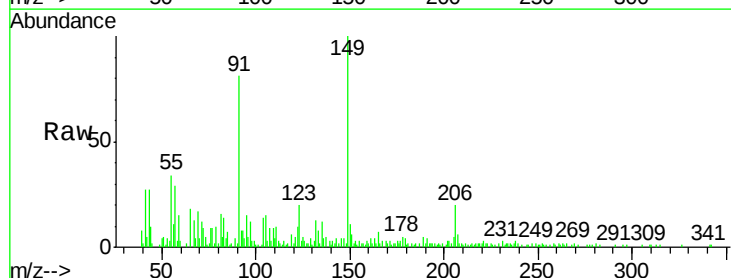
Delta R.T. -0.01 min

Lab File: BF102831.D

Acq: 7 Feb 2018 23:02

Tgt Ion:149 Resp: 23531

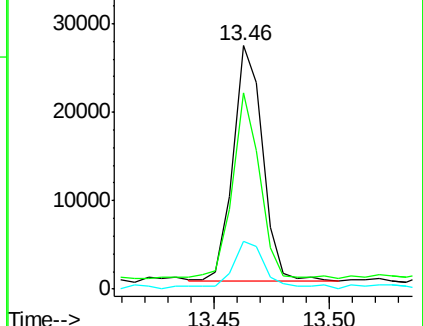
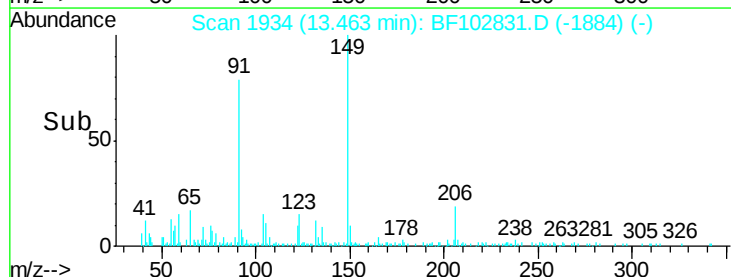
Ion	Ratio	Lower	Upper
149	100		
91	80.6	56.8	85.2
206	19.7	14.1	21.1

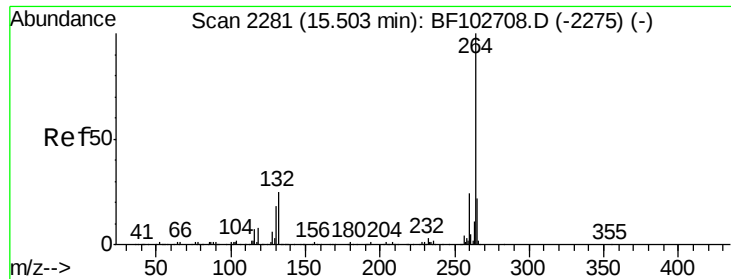


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF102831.D
Acq: 7 Feb 2018 23:02

Instrument :
BNA_F
ClientSampleId :
3N-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.9	17.5	26.3

