

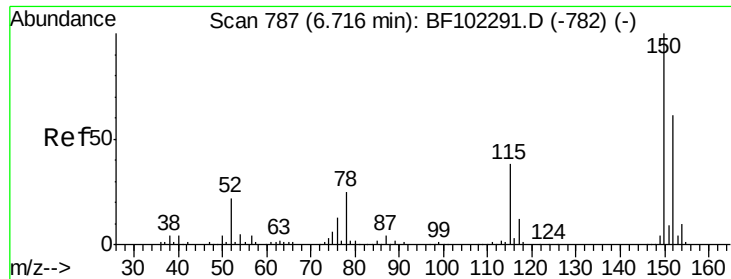
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102671.D
 Acq On : 31 Jan 2018 22:46
 Operator : SJ/JU
 Sample : J1383-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Quant Time: Feb 01 01:26:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	144092	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	520649	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	193880	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334963	20.00	ng	0.00
75) Chrysene-d12	13.87	240	294456	20.00	ng	0.00
86) Perylene-d12	15.31	264	208095	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1134986	119.43	ng	0.03
7) Phenol-d6	6.38	99	1324096	115.57	ng	0.02
23) Nitrobenzene-d5	7.28	82	806399	89.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	205660	107.05	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1072278	81.32	ng	0.00
78) Terphenyl-d14	12.82	244	953925	73.03	ng	0.00
Target Compounds						
10) Phenol	6.39	94	69412	5.550	ng	99
49) Dimethylphthalate	9.46	163	174171	10.868	ng	97
74) Fluoranthene	12.44	202	46264	2.324	ng	94

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

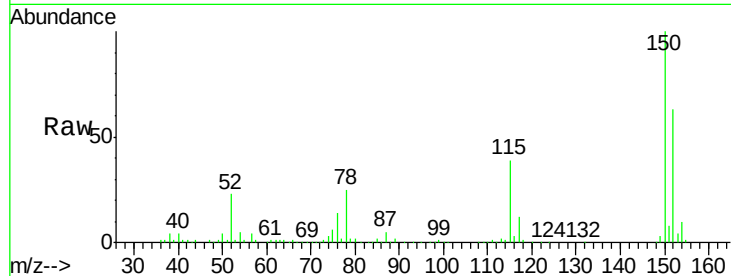


#1

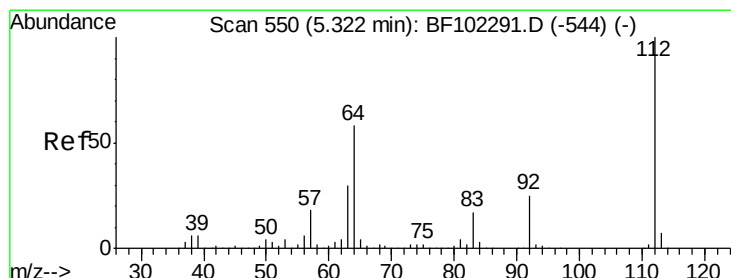
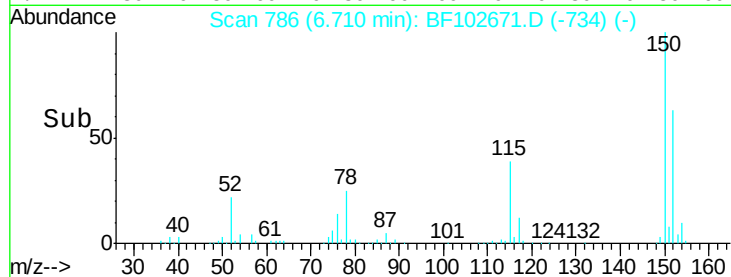
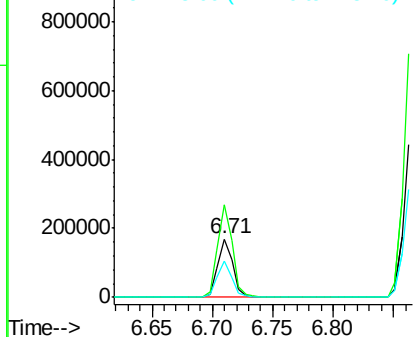
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tot Ion:152 Resp: 144092
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 62.7 50.1 75.1



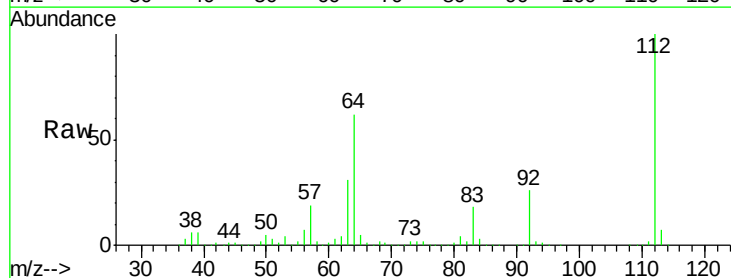
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



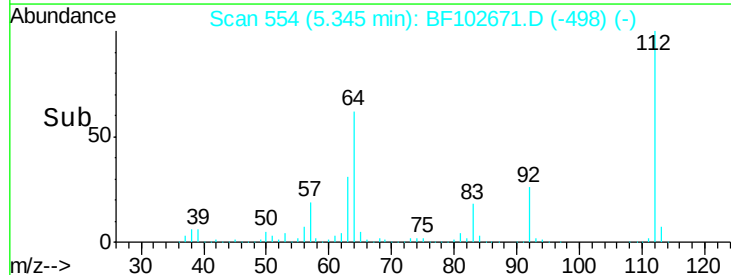
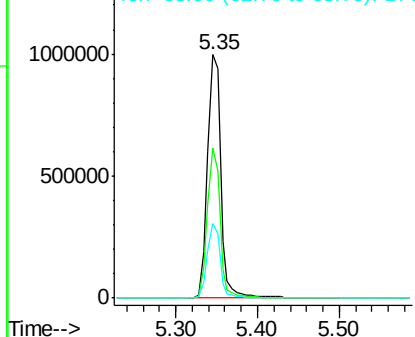
#5

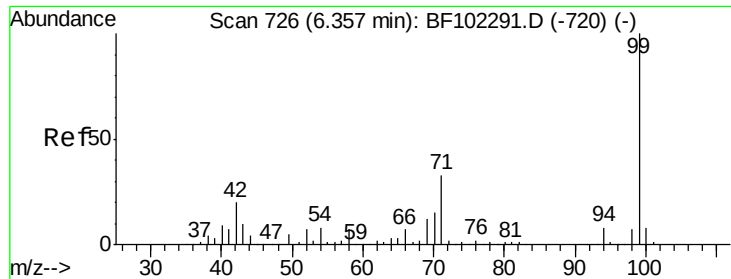
2-Fluorophenol
Concen: 119.433 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.03 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion:112 Resp: 1134986
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 30.6 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: 115.572 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

VNJ-218

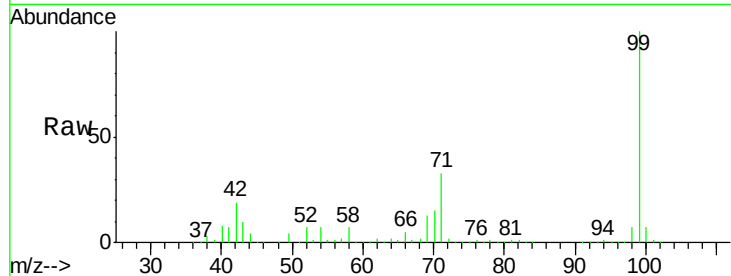
Tot Ion: 99 Resp: 1324096

Ion Ratio Lower Upper

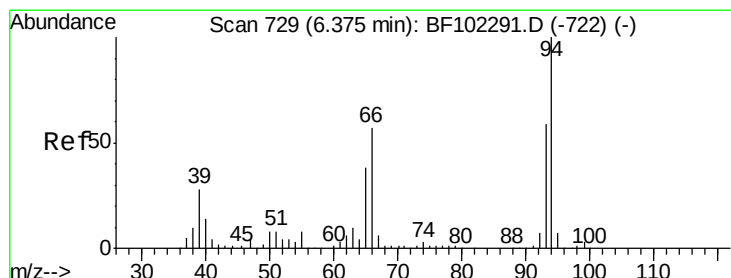
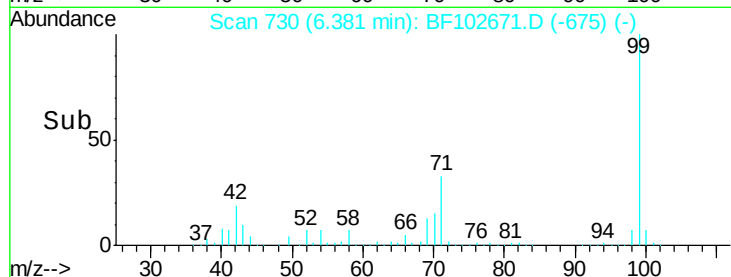
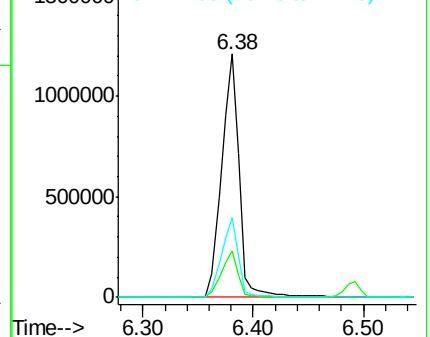
99 100

42 19.2 14.5 21.7

71 32.9 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: 5.550 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.02 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

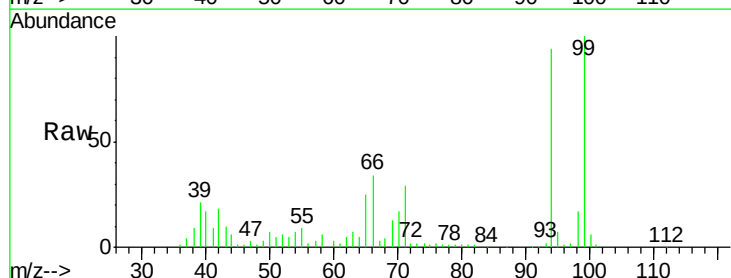
Tgt Ion: 94 Resp: 69412

Ion Ratio Lower Upper

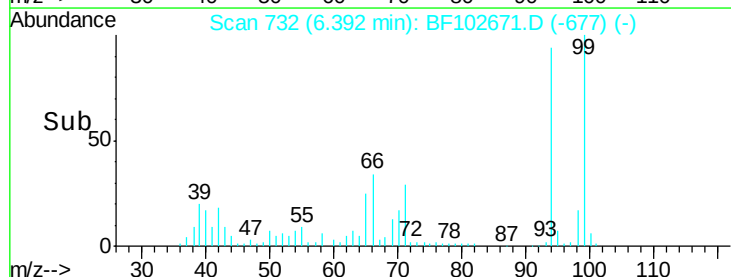
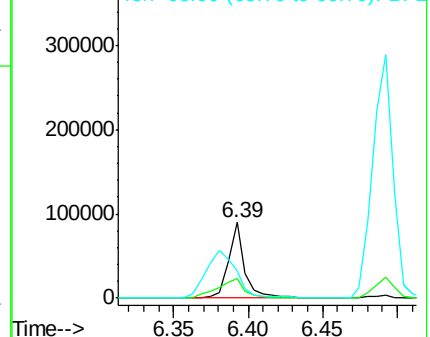
94 100

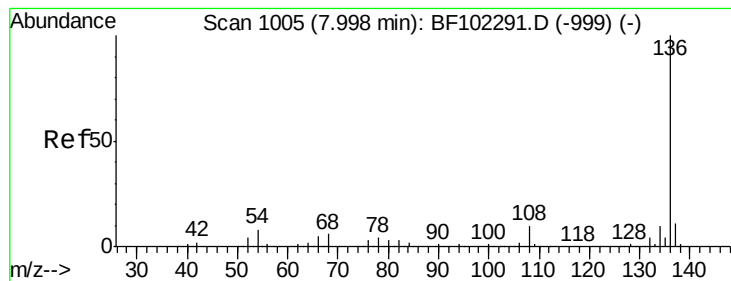
65 26.7 7.9 47.9

66 36.4 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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

VNJ-218

Tot Ion:136 Resp: 520649

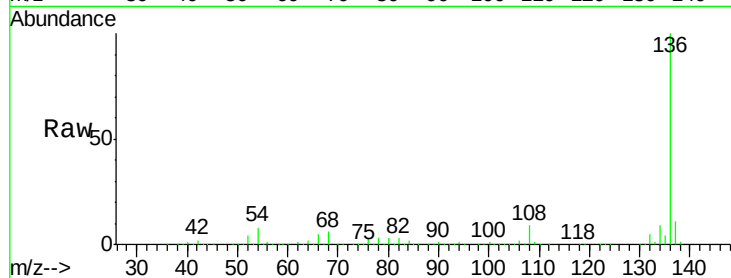
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4

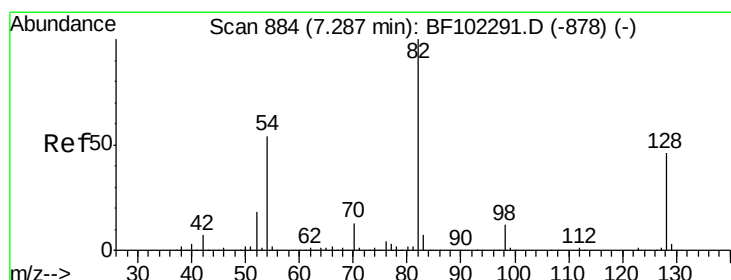
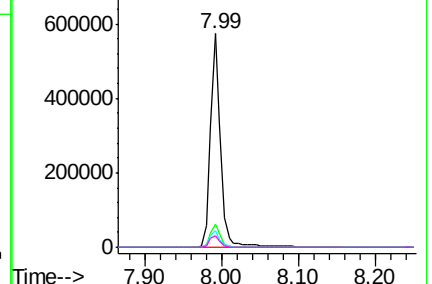
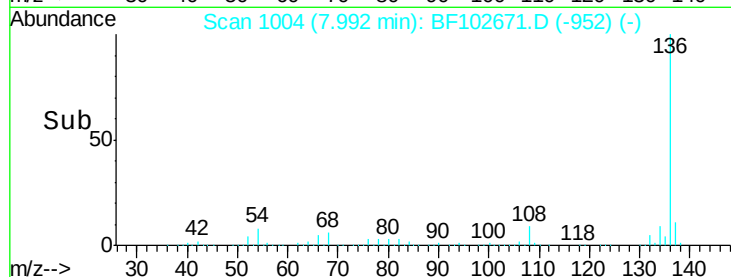


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.007 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

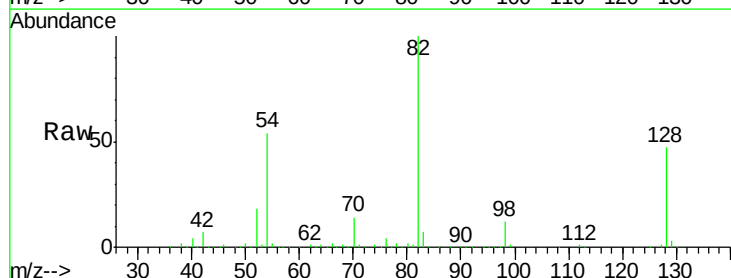
Tgt Ion: 82 Resp: 806399

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

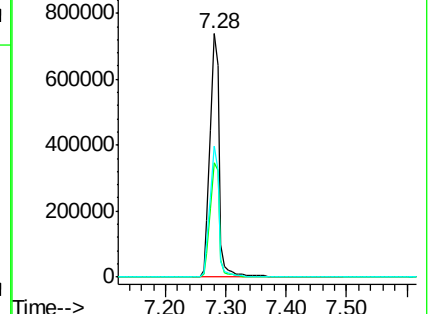
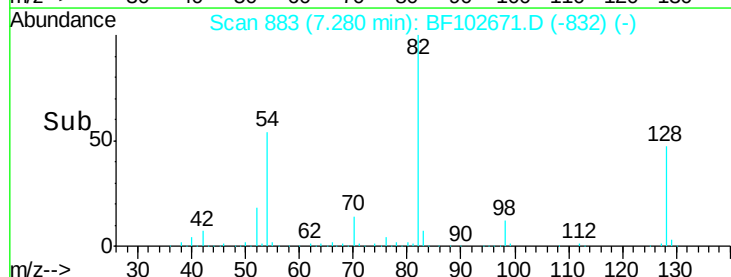
54 53.6 41.4 62.2

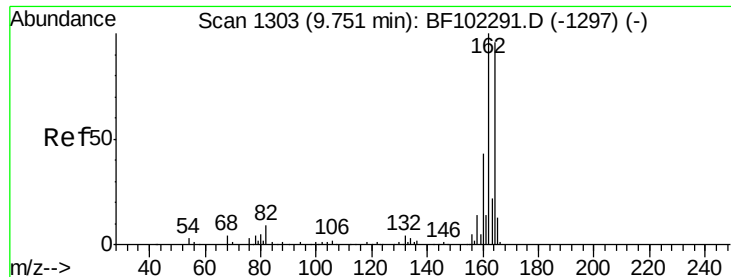


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

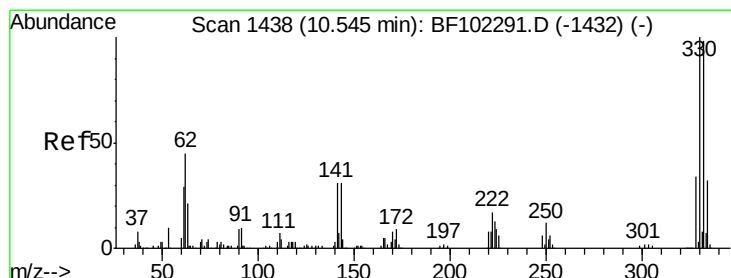
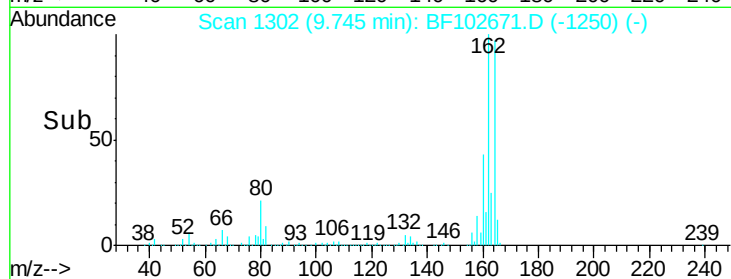
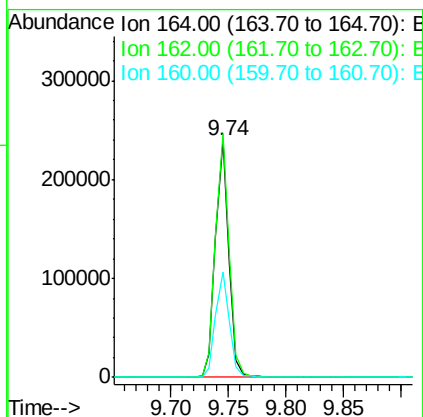
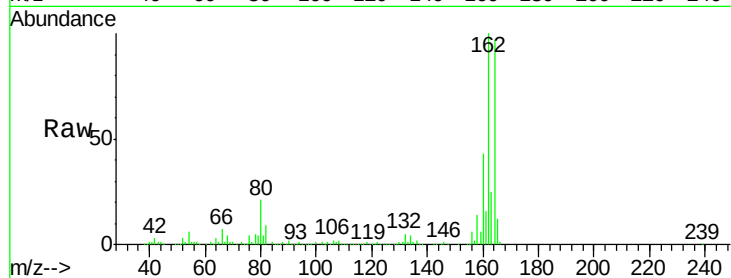




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF102671.D
 Acq: 31 Jan 2018 22:46

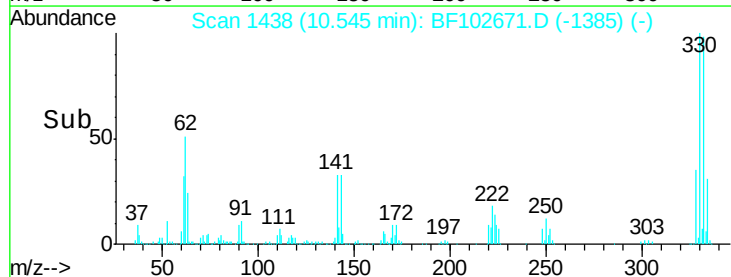
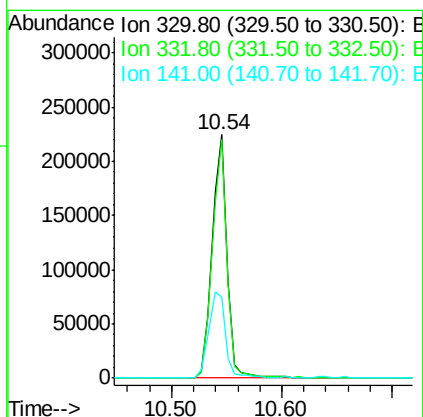
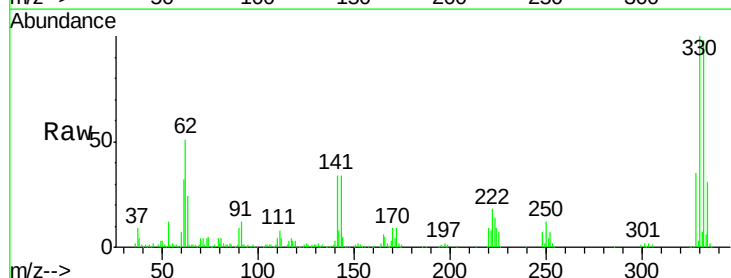
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

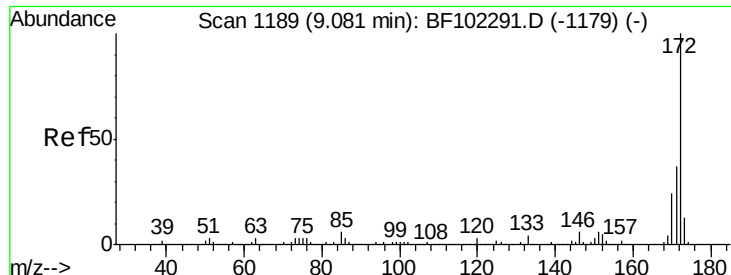
Tot Ion:164 Resp: 193880
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 107.055 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102671.D
 Acq: 31 Jan 2018 22:46

Tgt Ion:330 Resp: 205660
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.9 29.9 44.9

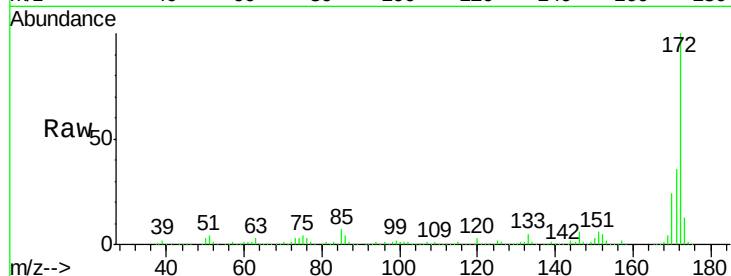




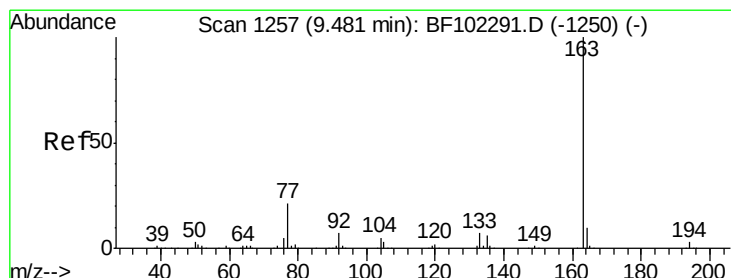
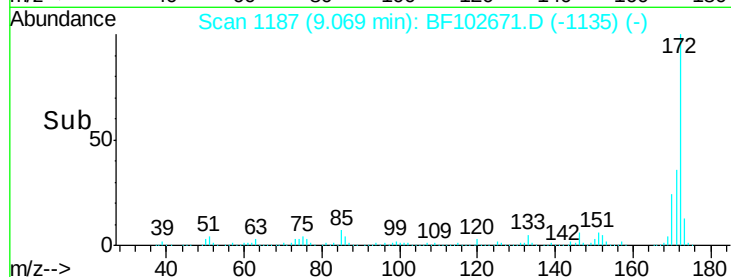
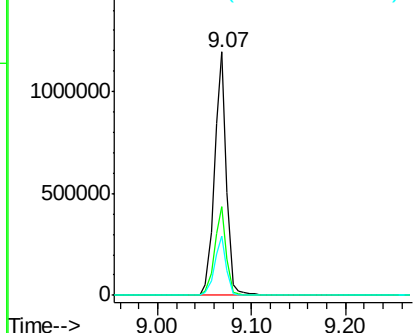
#44
2-Fluorobiphenyl
Concen: 81.320 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tot Ion:172 Resp: 1072278
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

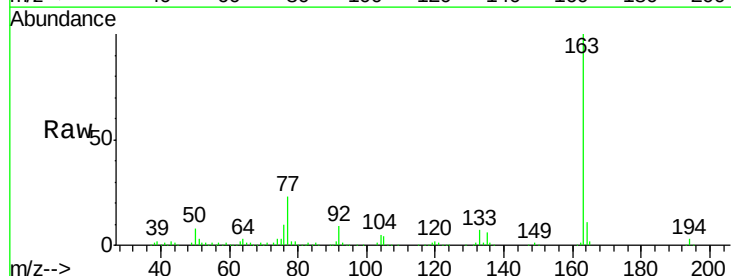


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

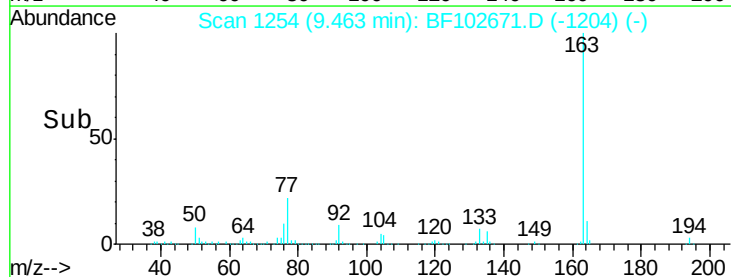
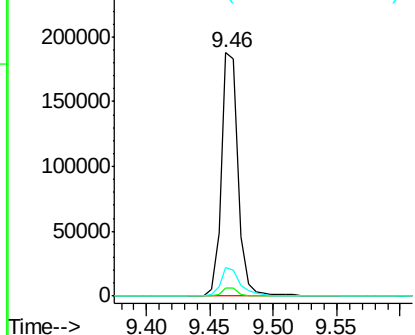


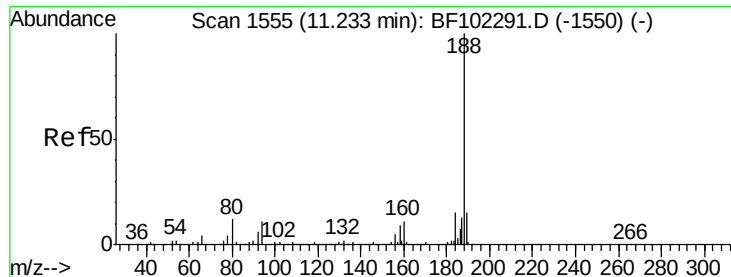
#49
Dimethylphthalate
Concen: 10.868 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Tgt Ion:163 Resp: 174171
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.5 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: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

VNJ-218

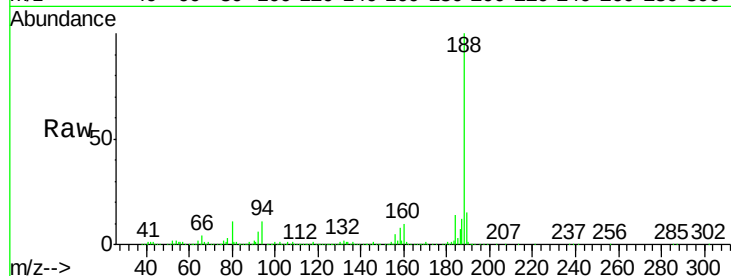
Tot Ion:188 Resp: 334963

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

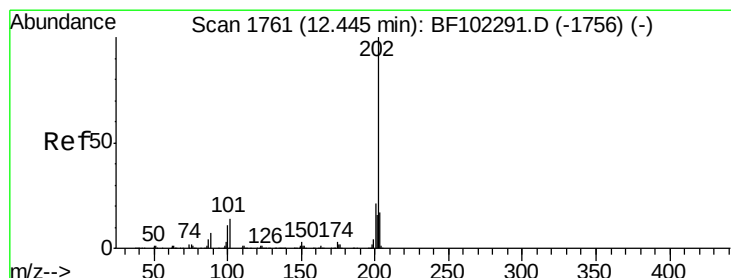
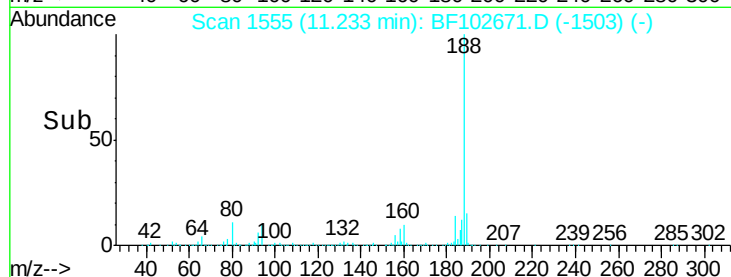
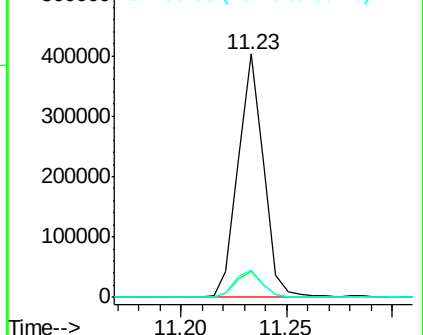
80 11.2 9.2 13.8



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



#74

Fluoranthene

Concen: 2.324 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

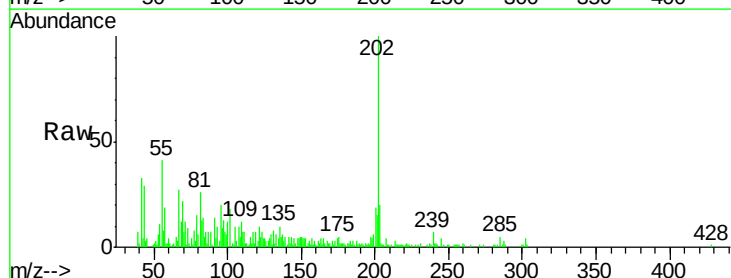
Tgt Ion:202 Resp: 46264

Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.1

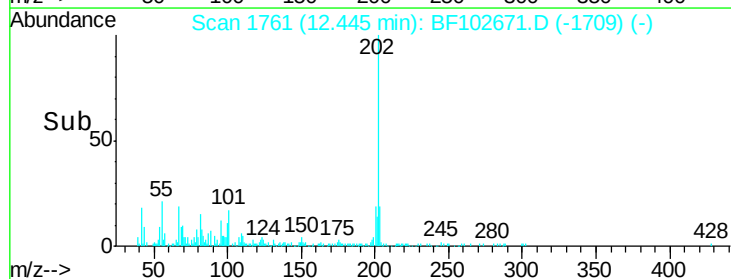
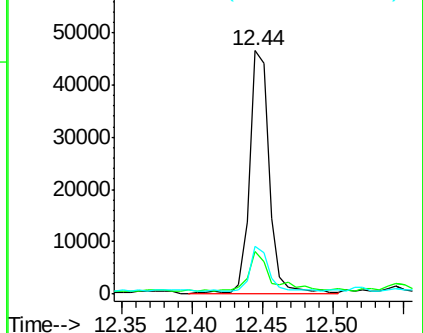
203 19.9 0.0 38.1

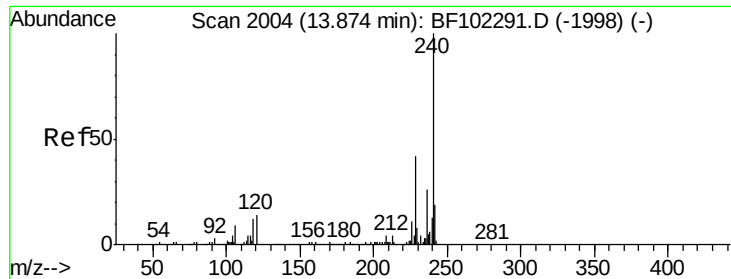


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

Instrument :

BNA_F

ClientSampleId :

VNJ-218

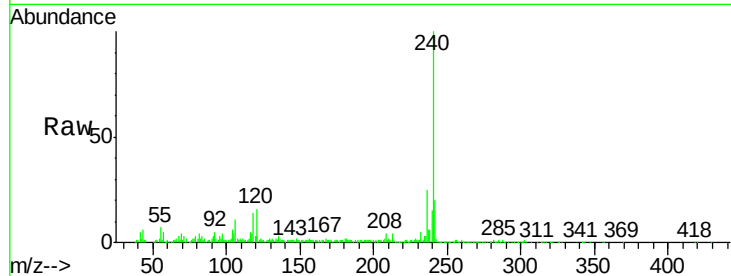
Tot Ion:240 Resp: 294456

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

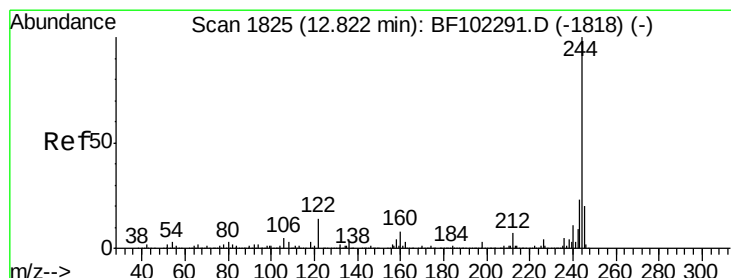
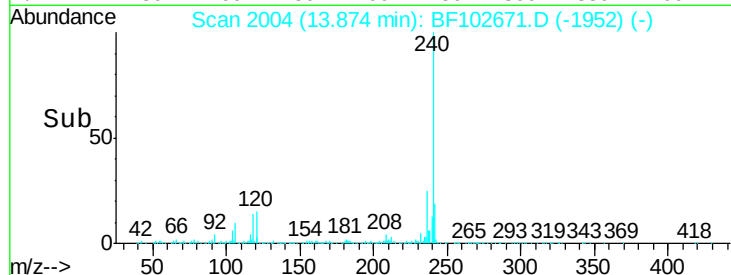
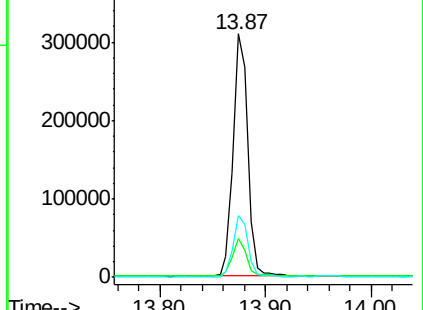
236 25.1 20.7 31.1



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: 73.033 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102671.D

Acq: 31 Jan 2018 22:46

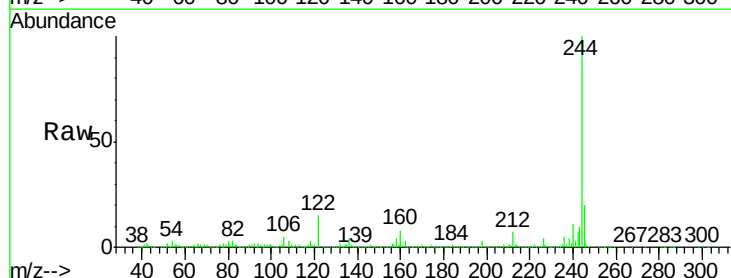
Tgt Ion:244 Resp: 953925

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

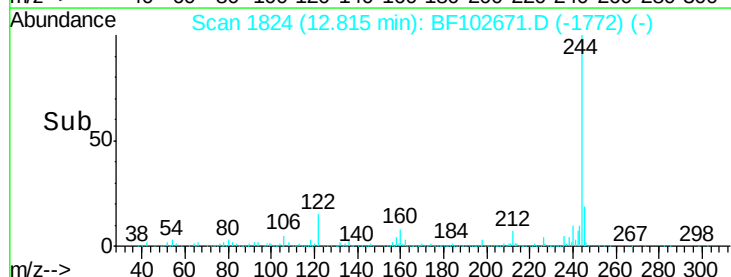
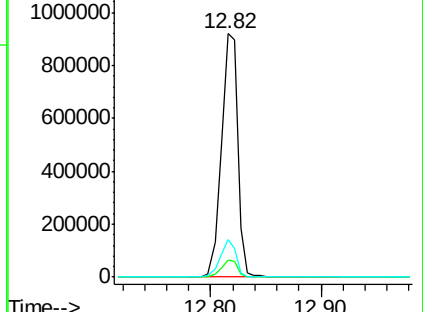
122 15.4 11.0 16.4

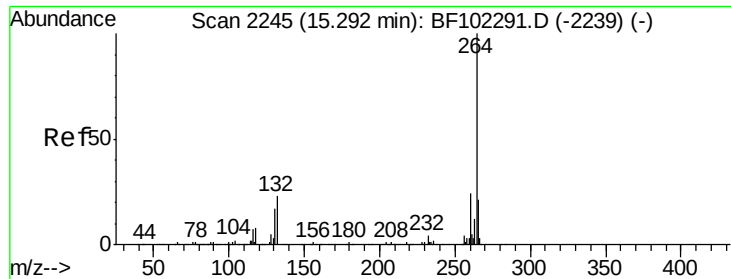


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

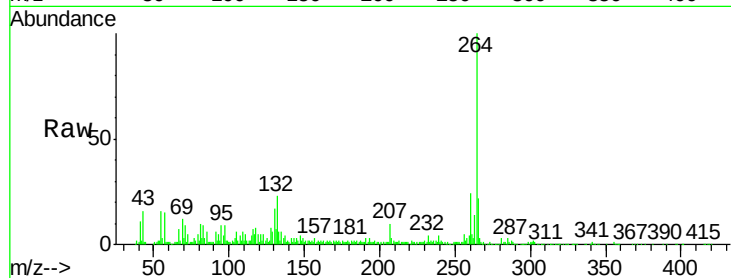




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102671.D
Acq: 31 Jan 2018 22:46

Instrument :
BNA_F
ClientSampleId :
VNJ-218

Tot Ion:	264	Resp:	208095
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	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

