

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104470.D
 Acq On : 12 Apr 2018 23:50
 Operator : JU/SJ
 Sample : J2337-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216

Quant Time: Apr 13 01:38:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109872	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	408123	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	152983	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	241621	20.00	ng	0.00
75) Chrysene-d12	13.98	240	210833	20.00	ng	-0.01
86) Perylene-d12	15.45	264	148227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	901629	125.48	ng	0.02
7) Phenol-d6	6.45	99	987032	111.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	710848	113.73	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	220227	138.78	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1167836	120.59	ng	0.00
78) Terphenyl-d14	12.93	244	1007253	108.92	ng	0.00

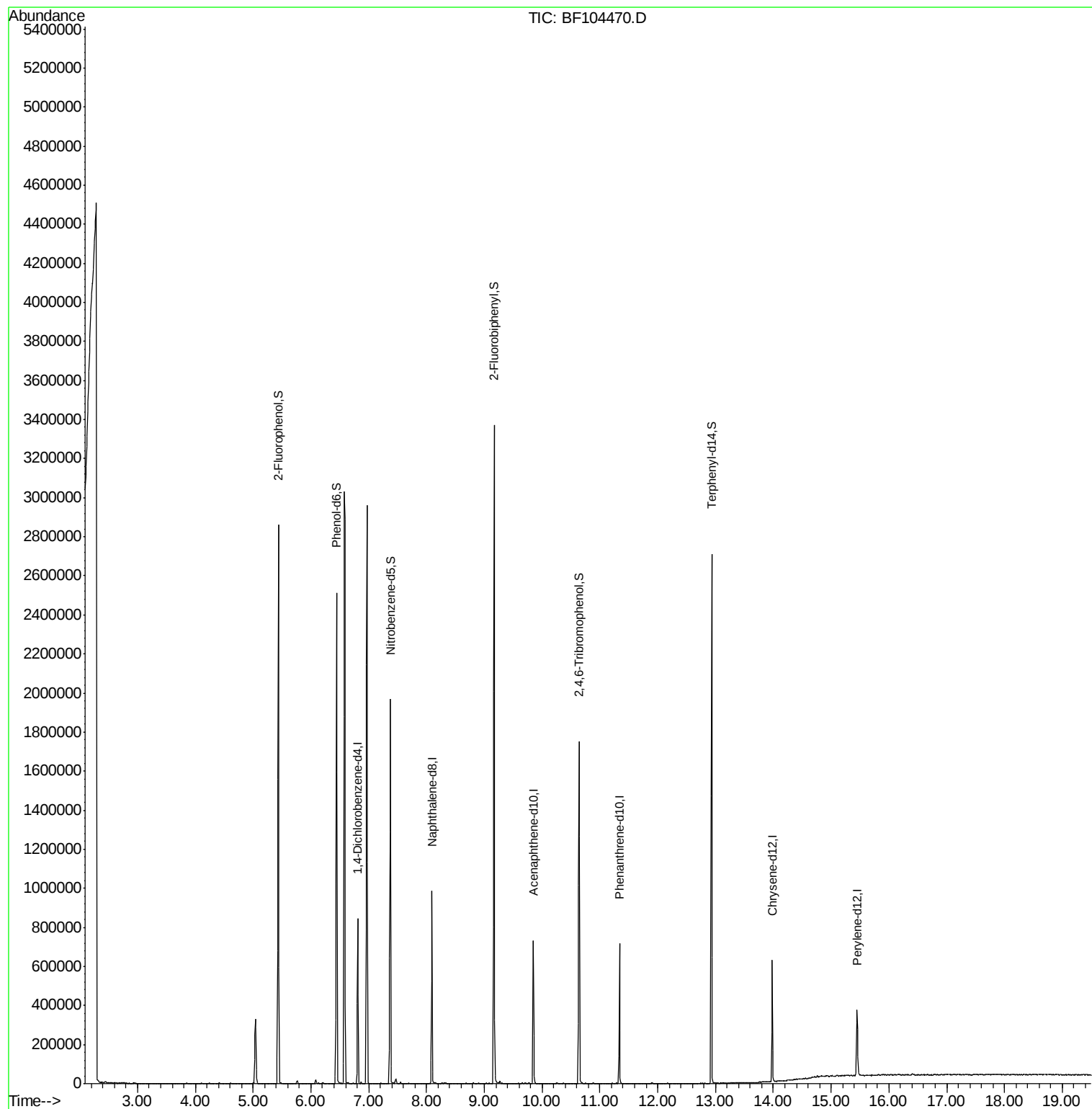
Target Compounds Qvalue

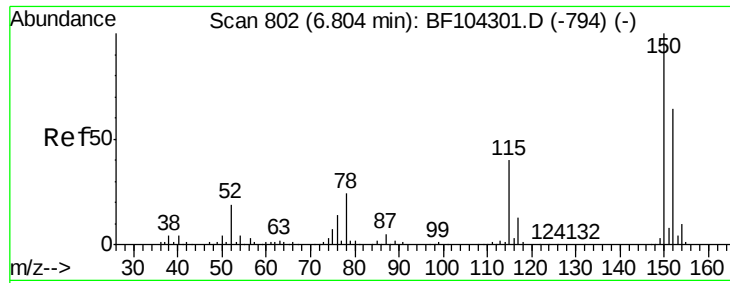
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104470.D

Acq: 12 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

VNJ-216

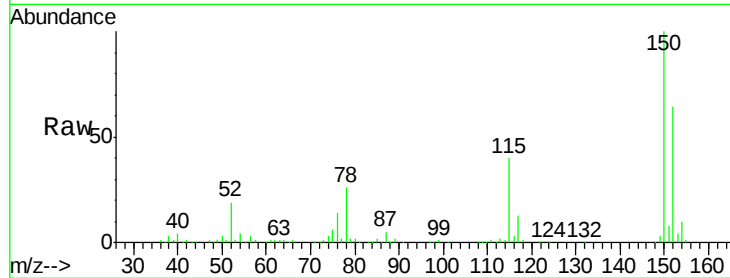
Tot Ion:152 Resp: 109872

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

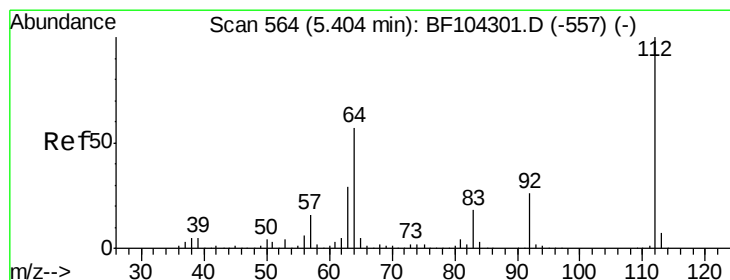
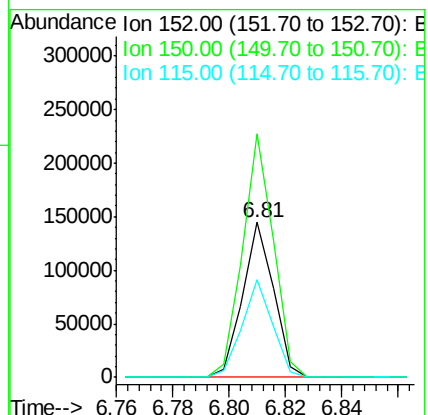
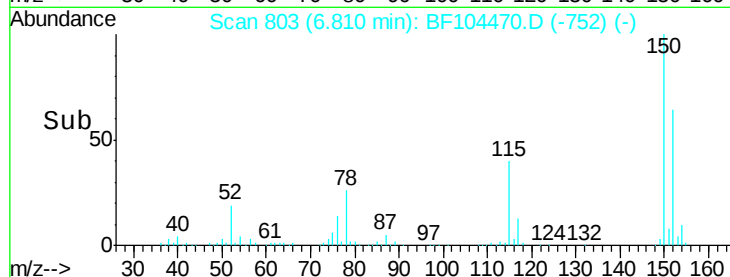
115 63.4 50.1 75.1



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: 125.477 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104470.D

Acq: 12 Apr 2018 23:50

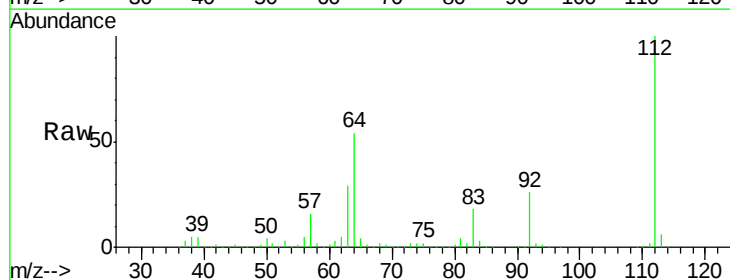
Tgt Ion:112 Resp: 901629

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

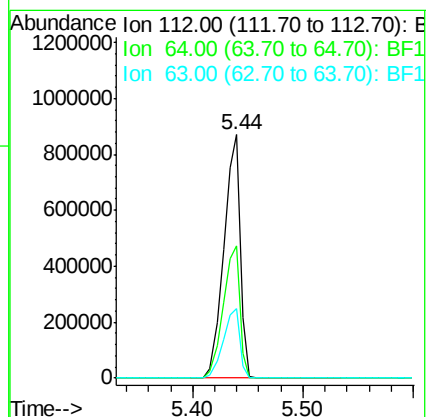
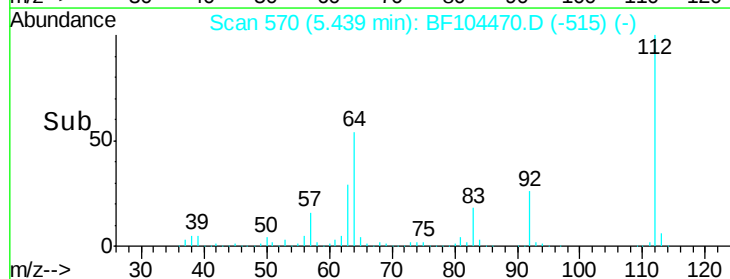
63 28.5 23.7 35.5

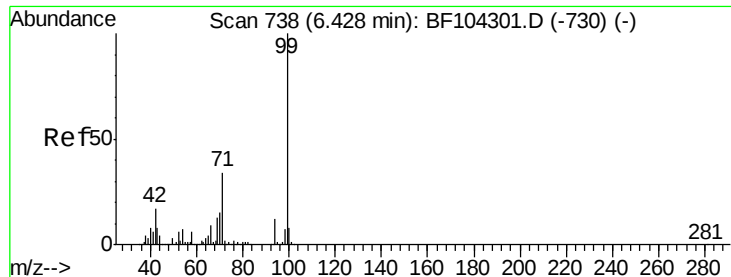


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.797 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104470.D

Acq: 12 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

VNJ-216

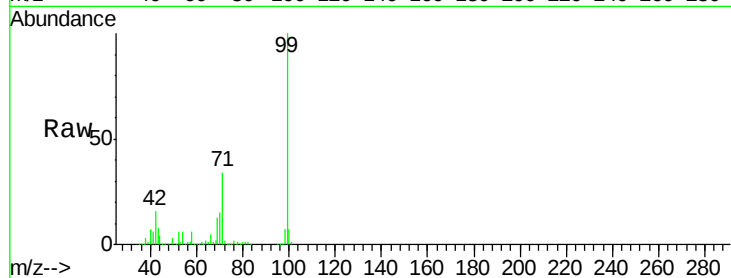
Tot Ion: 99 Resp: 987032

Ion Ratio Lower Upper

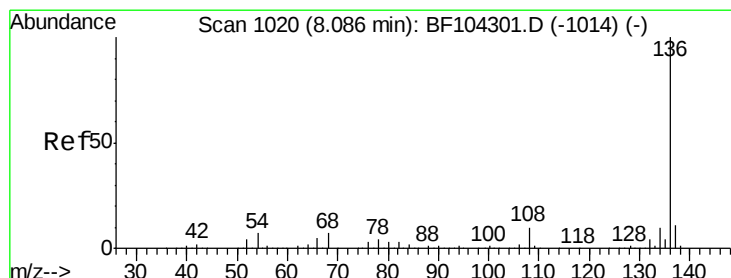
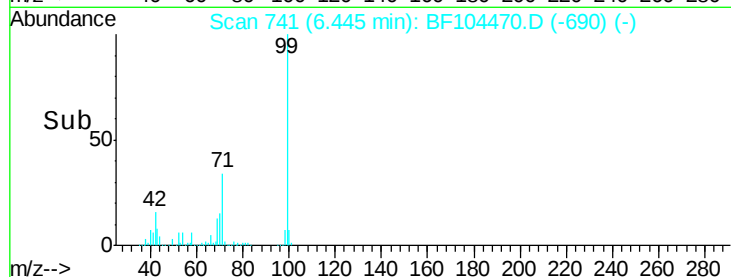
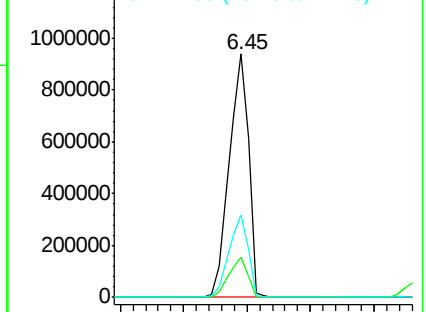
99 100

42 16.3 14.5 21.7

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104470.D

Acq: 12 Apr 2018 23:50

Tgt Ion: 136 Resp: 408123

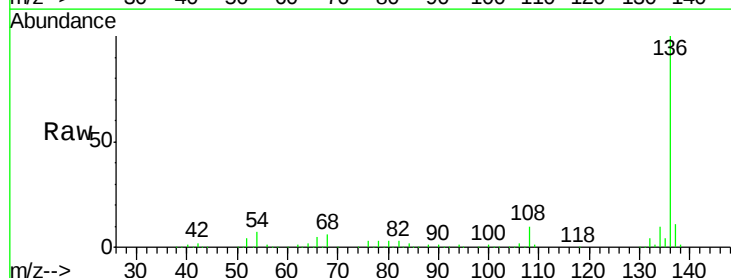
Ion Ratio Lower Upper

136 100

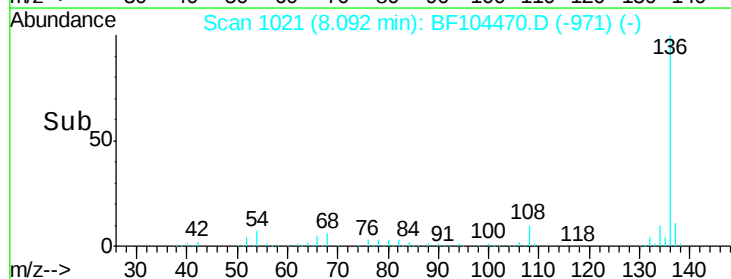
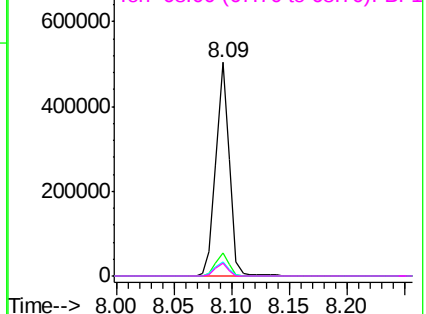
137 10.7 8.9 13.3

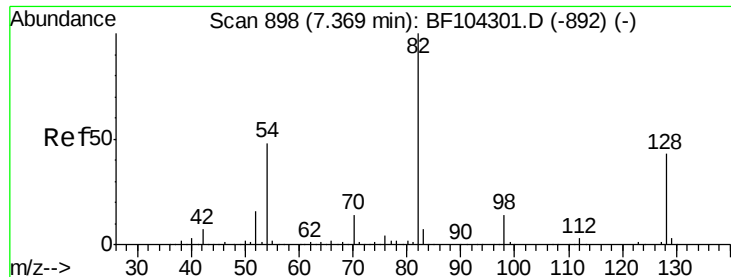
54 6.9 6.6 9.8

68 6.0 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

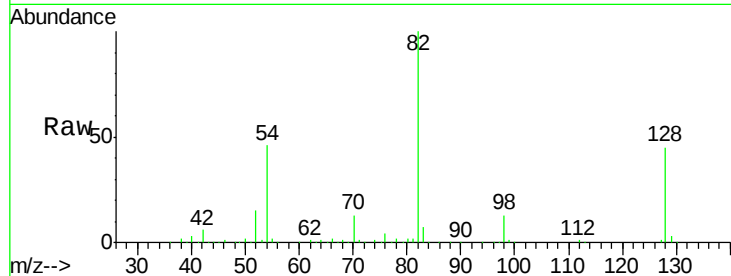




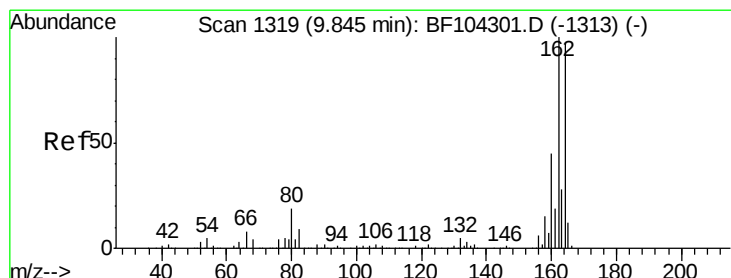
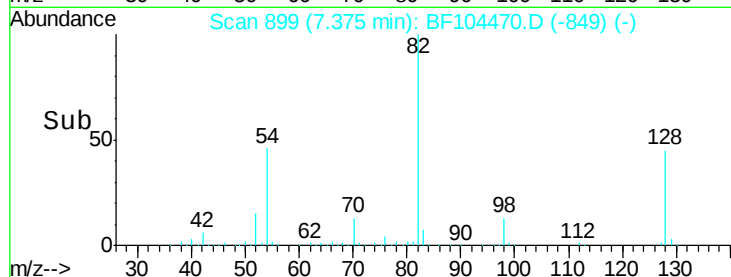
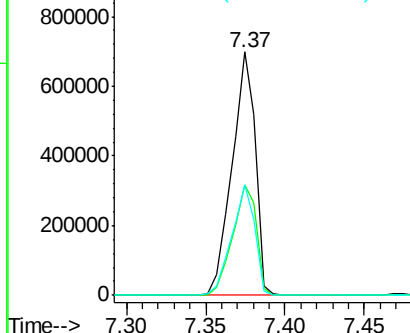
#23
 Nitrobenzene-d5
 Concen: 113.733 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

Instrument :
 BNA_F
 ClientSampleID :
 VNJ-216

Tot Ion: 82 Resp: 710848
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 45.6 41.4 62.2

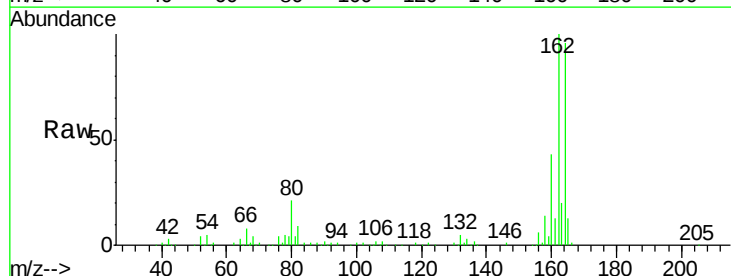


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

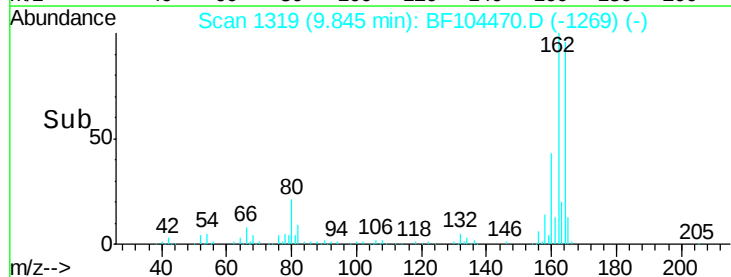
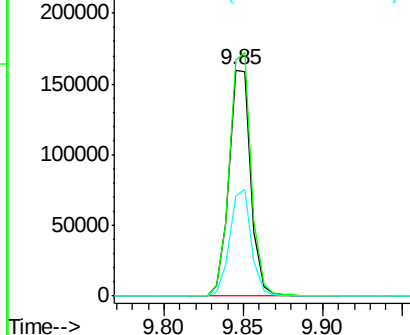


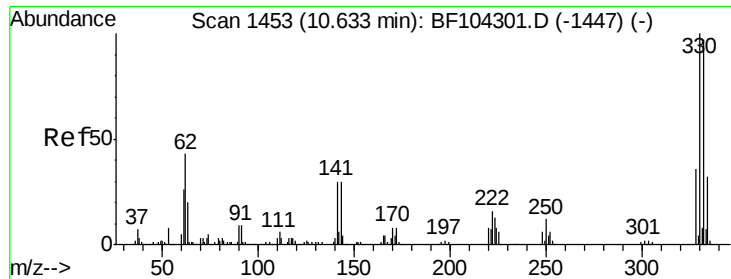
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

Tgt Ion: 164 Resp: 152983
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 44.5 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

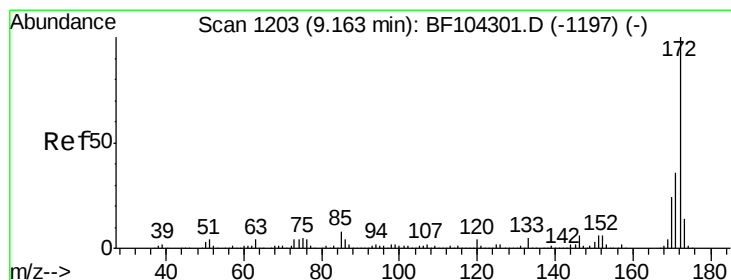
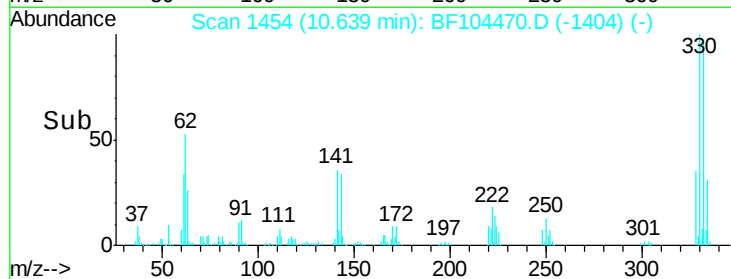
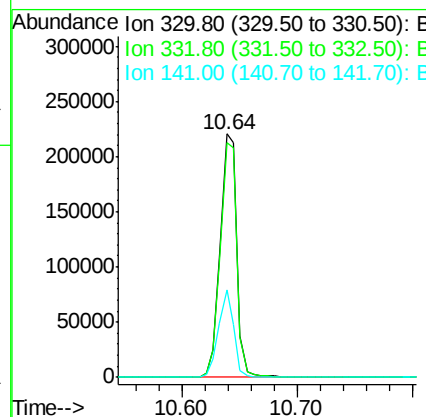
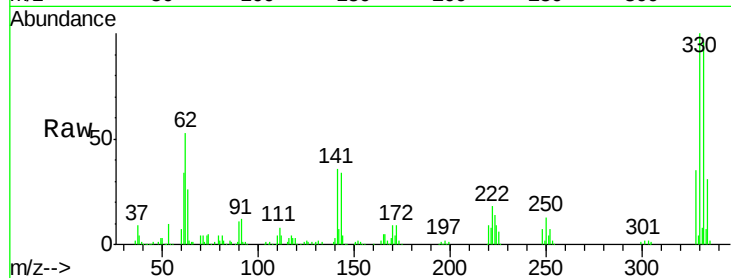




#41
 2,4,6-Tribromophenol
 Concen: 138.775 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

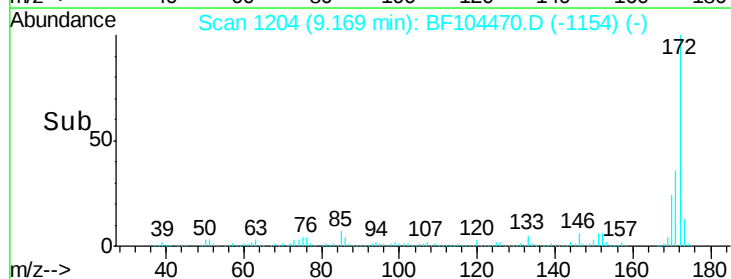
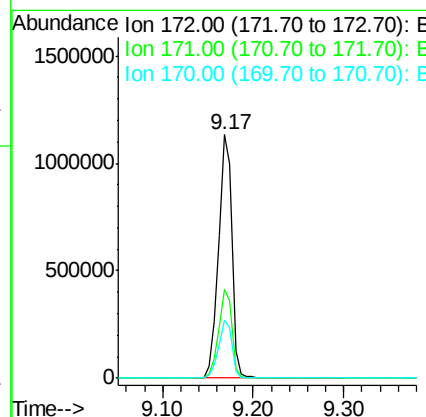
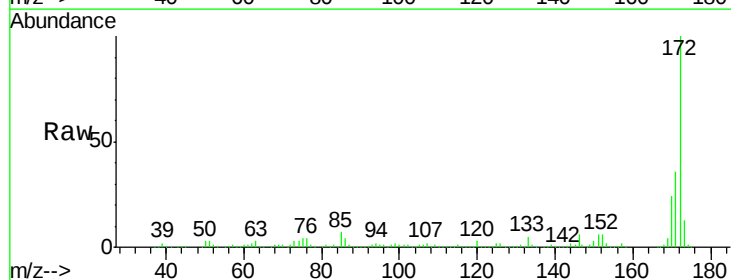
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-216

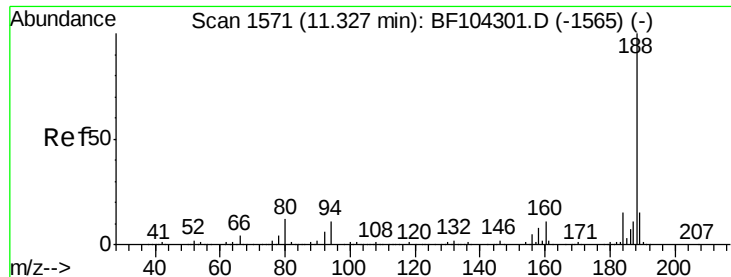
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 120.594 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF104470.D

Acq: 12 Apr 2018 23:50

Instrument :

BNA_F

ClientSampleId :

VNJ-216

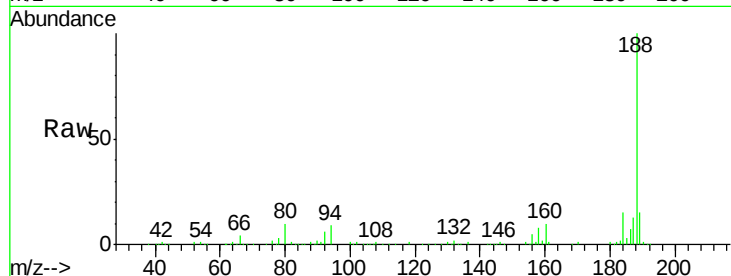
Tot Ion:188 Resp: 241621

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

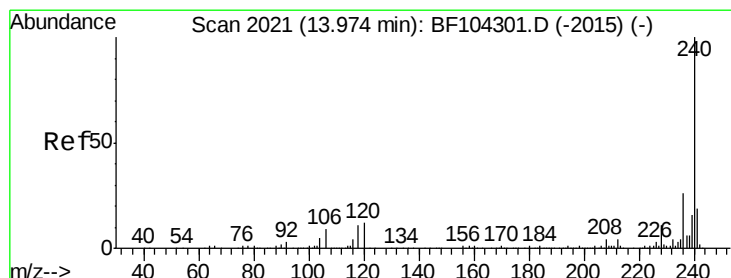
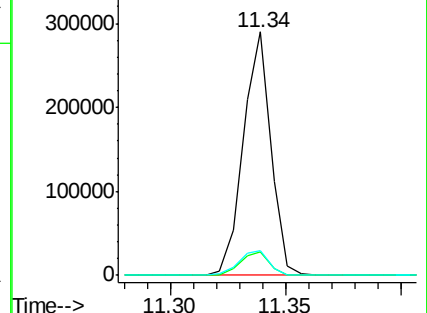
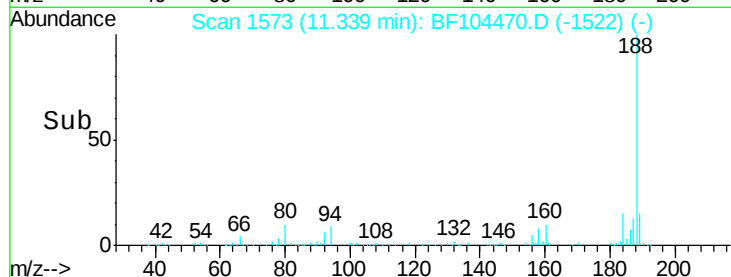
80 10.4 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104470.D

Acq: 12 Apr 2018 23:50

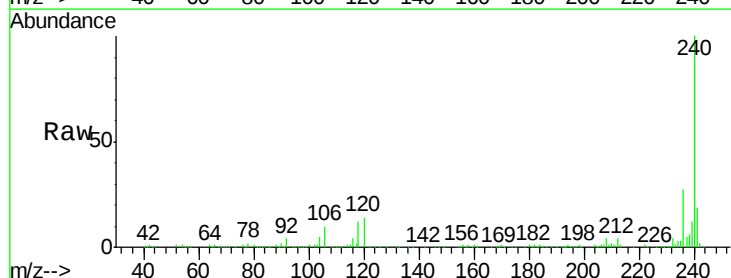
Tgt Ion:240 Resp: 210833

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

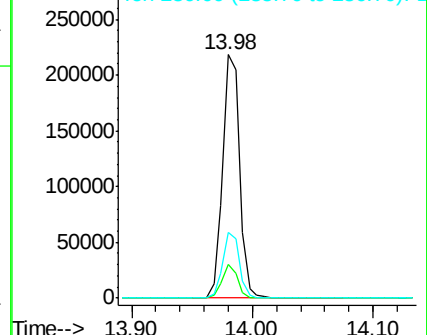
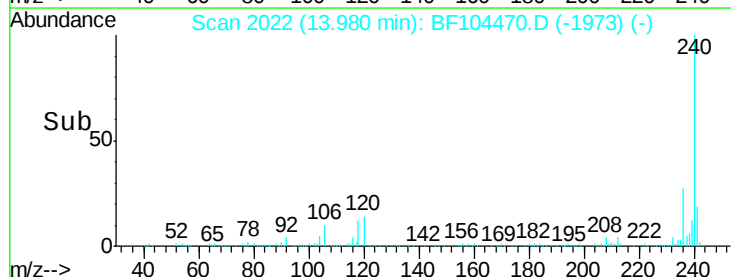
236 26.8 20.7 31.1

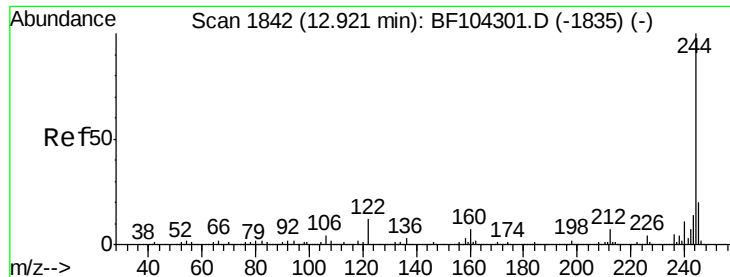


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

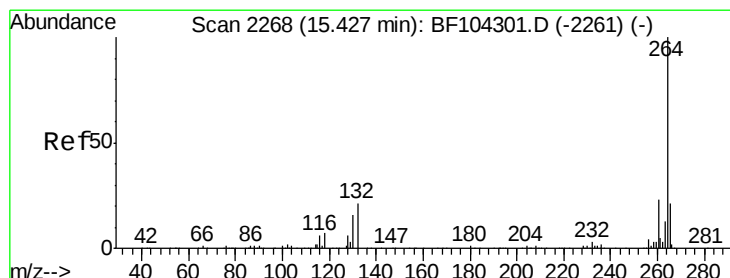
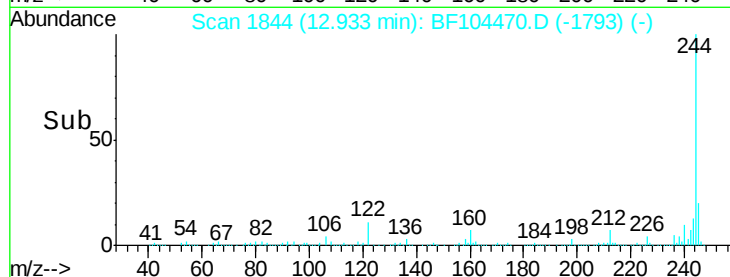
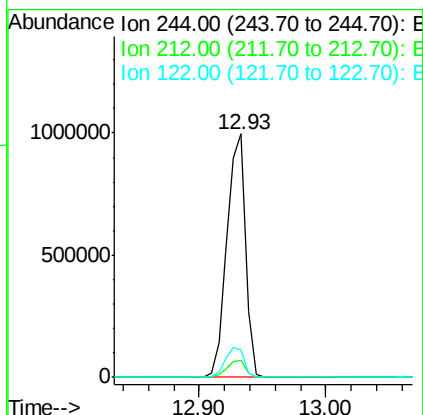
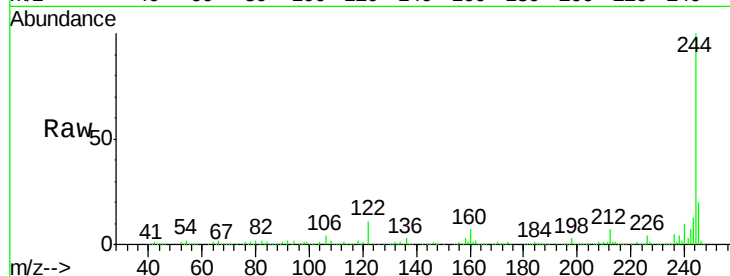




#78
 Terphenyl-d14
 Concen: 108.919 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

Instrument :
 BNA_F
 ClientSampled :
 VNJ-216

Tot Ion:244 Resp: 1007253
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104470.D
 Acq: 12 Apr 2018 23:50

Tgt Ion:264 Resp: 148227
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 21.5 17.5 26.3

