

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104543.D
 Acq On : 16 Apr 2018 20:01
 Operator : JU/SJ
 Sample : J2369-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Quant Time: Apr 17 01:21:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

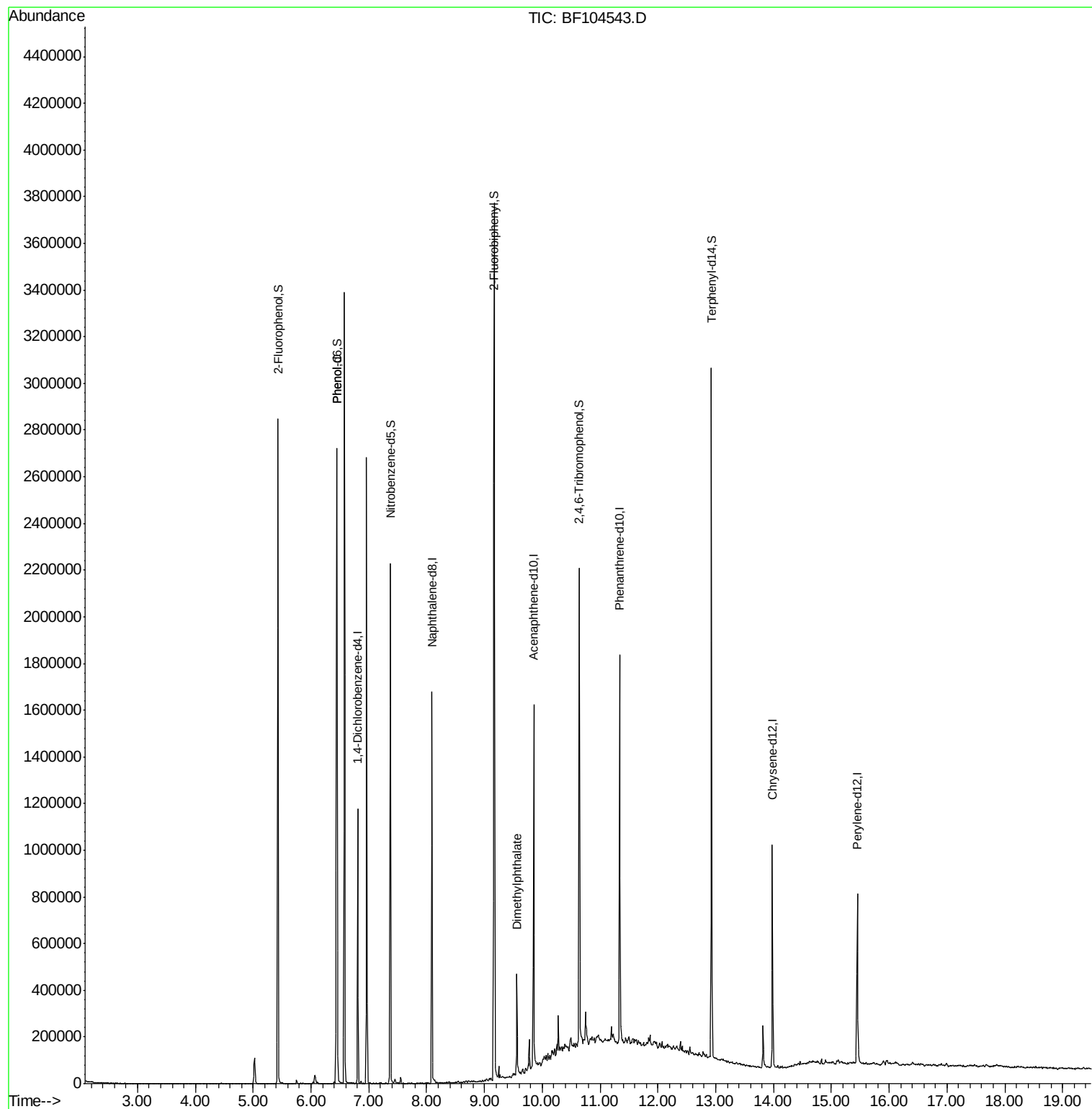
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	170017	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	698189	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	310292	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	540956	20.00	ng	0.00
75) Chrysene-d12	13.99	240	336807	20.00	ng	0.00
86) Perylene-d12	15.45	264	334336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	862446	77.56	ng	0.00
7) Phenol-d6	6.45	99	1163986	85.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	730649	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	285560	88.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1187587	60.46	ng	0.00
78) Terphenyl-d14	12.93	244	1044893	70.73	ng	0.00
Target Compounds						
10) Phenol	6.46	94	58079	4.007	ng	98
49) Dimethylphthalate	9.56	163	172695	7.058	ng	100

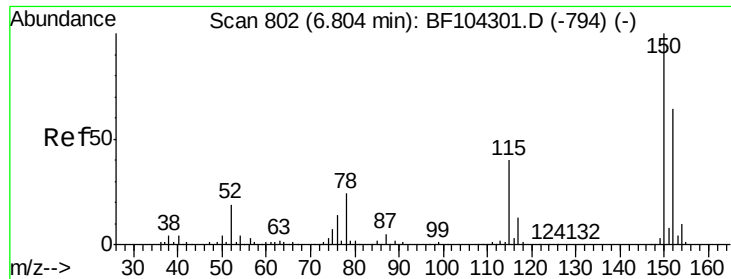
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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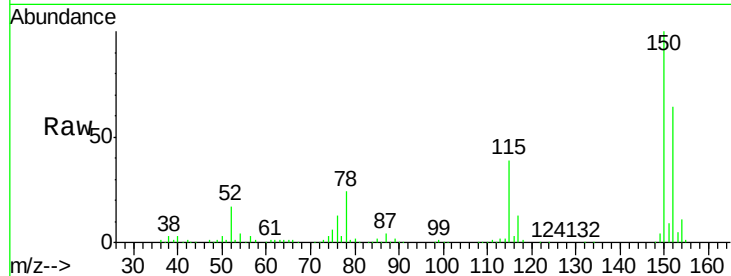


#1

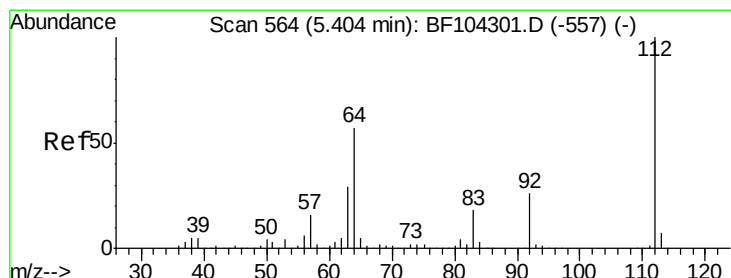
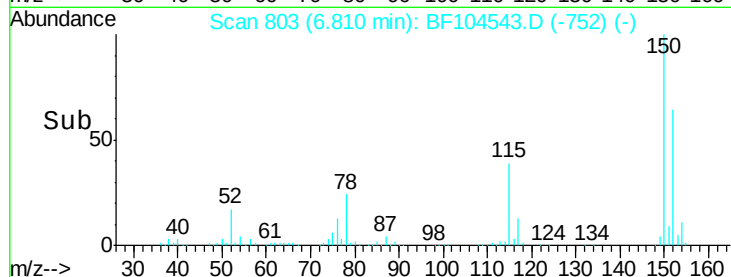
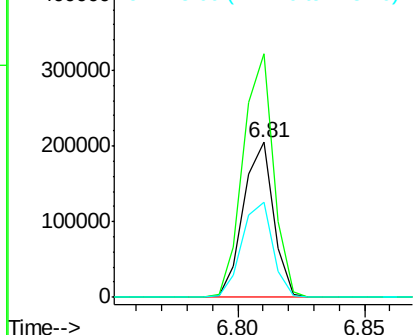
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Tot Ion:152 Resp: 170017
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 61.5 50.1 75.1



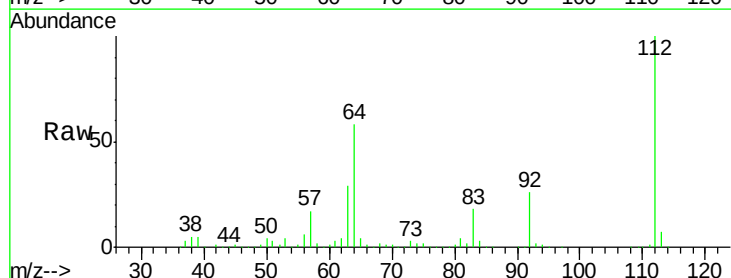
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



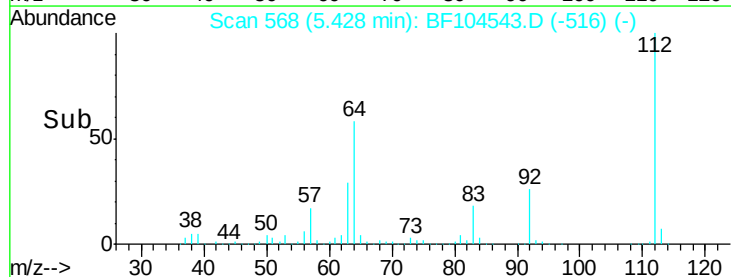
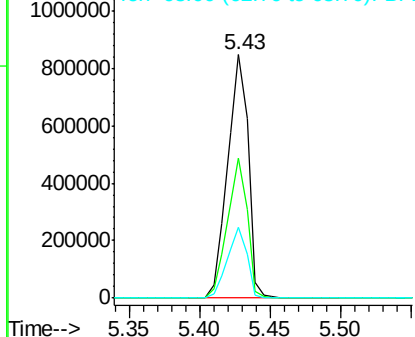
#5

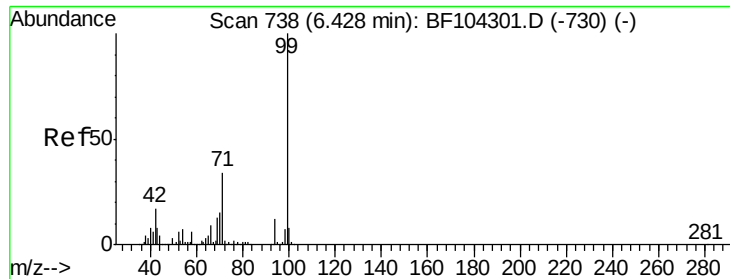
2-Fluorophenol
 Concen: 77.564 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:112 Resp: 862446
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 29.0 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: 85.200 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

Instrument :

BNA_F

ClientSampleId :

RO-1-4

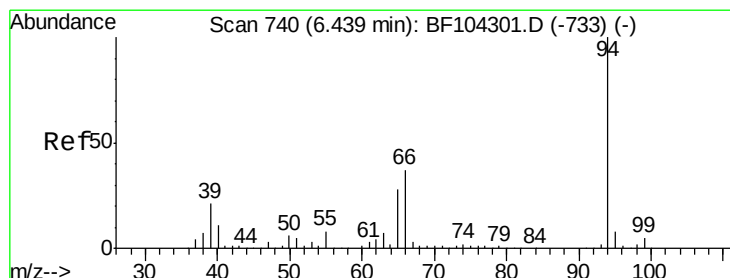
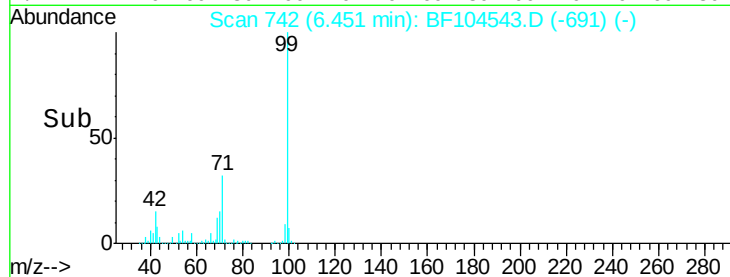
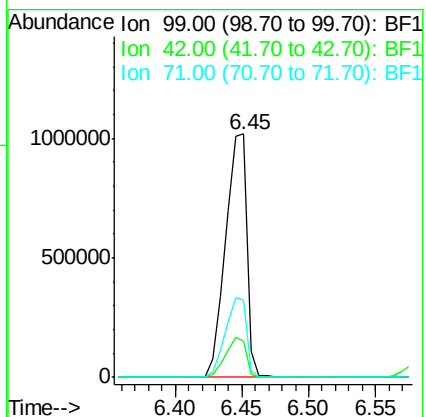
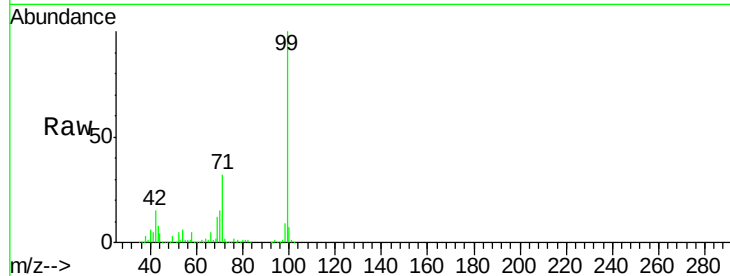
Tot Ion: 99 Resp: 1163986

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 31.6 25.4 38.0



#10

Phenol

Concen: 4.007 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

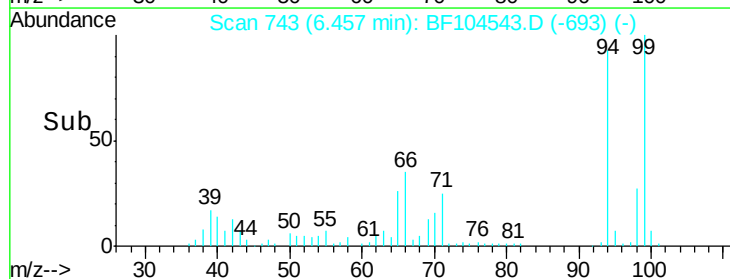
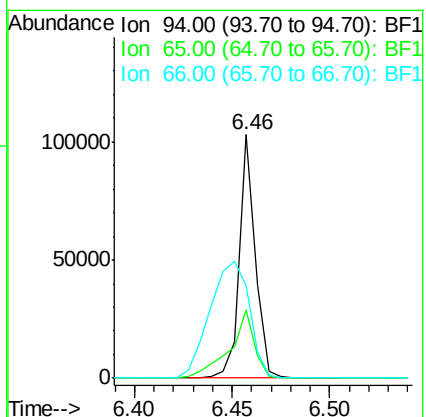
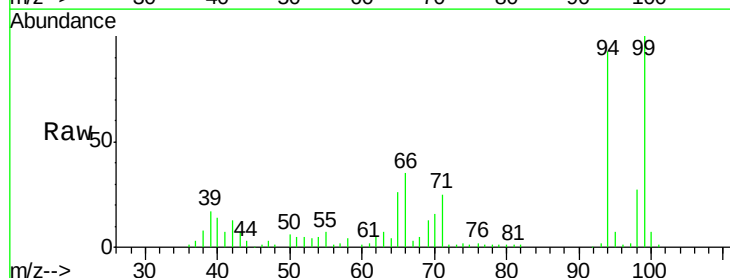
Tgt Ion: 94 Resp: 58079

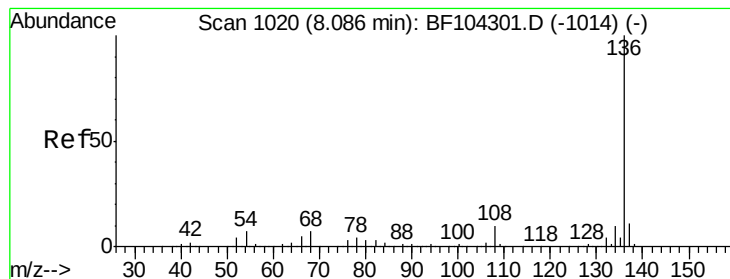
Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 38.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

Instrument :

BNA_F

ClientSampleId :

RO-1-4

Tot Ion:136 Resp: 698189

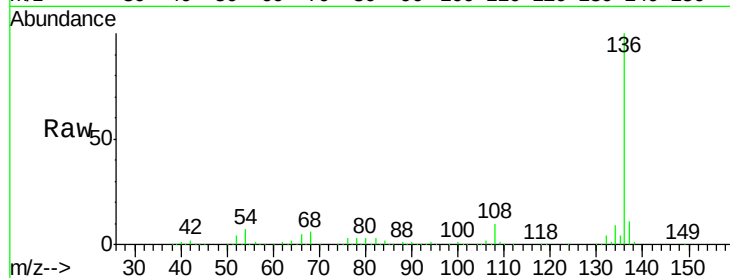
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.3 5.0 7.4

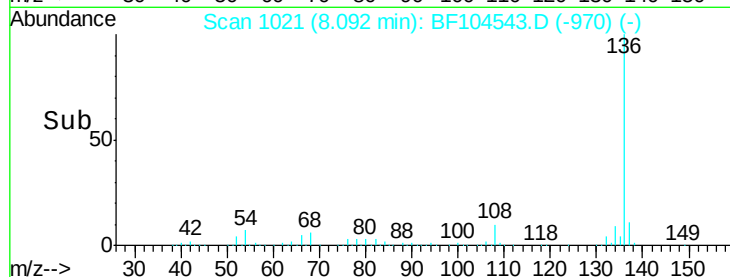


Abundance Ion 136.00 (135.70 to 136.70): E

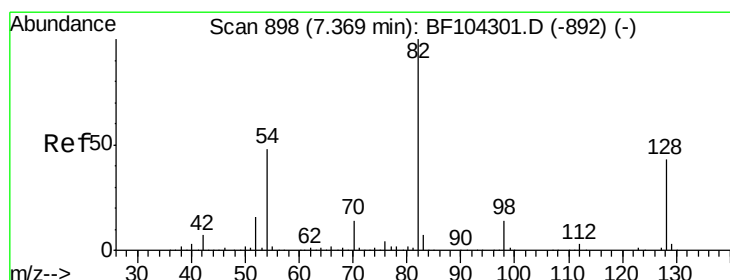
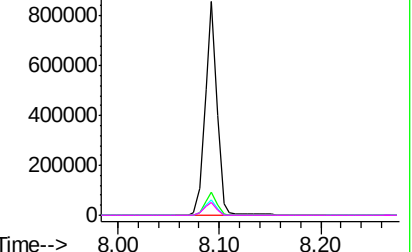
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 68.334 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

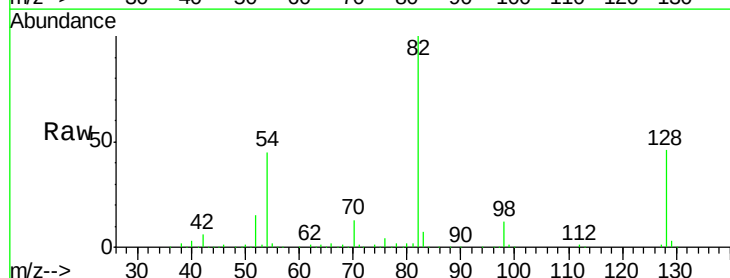
Tgt Ion: 82 Resp: 730649

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

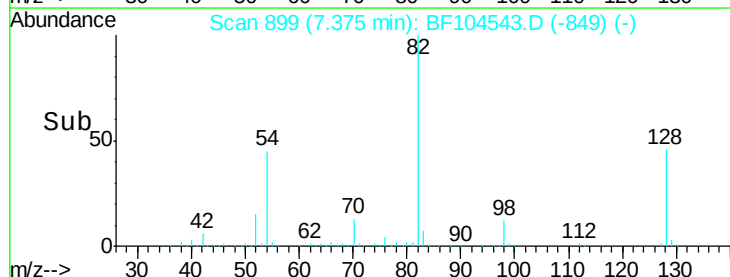
54 45.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

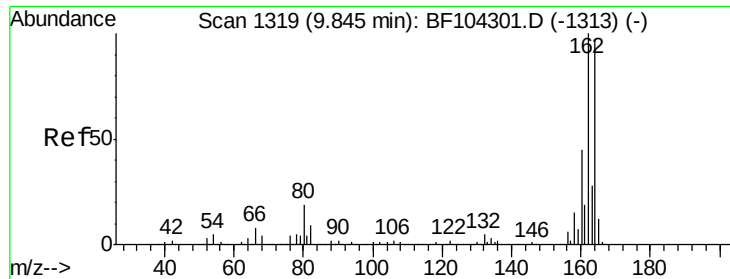
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

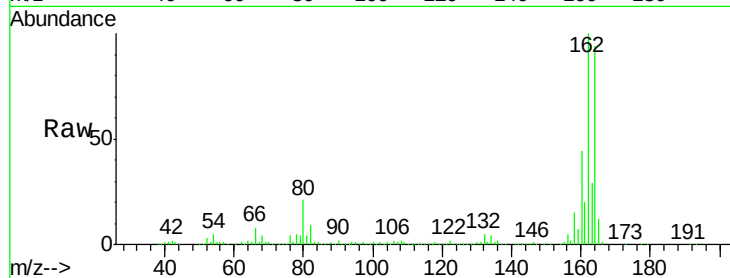




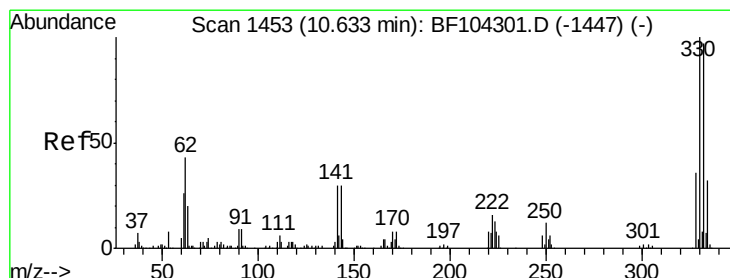
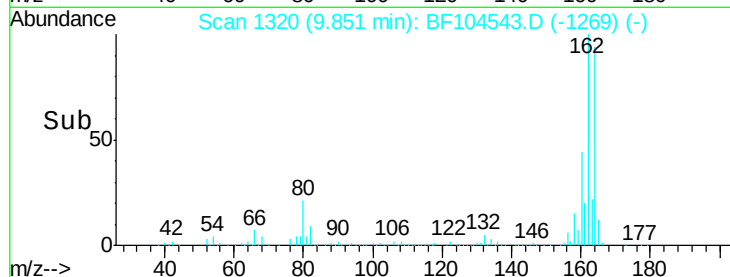
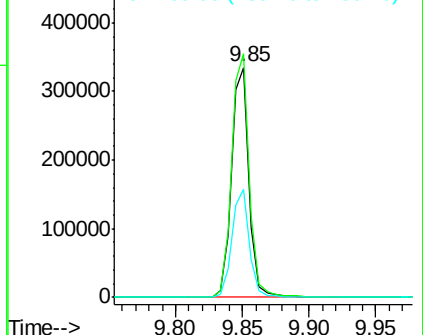
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Tot Ion:164 Resp: 310292
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.9 38.3 57.5

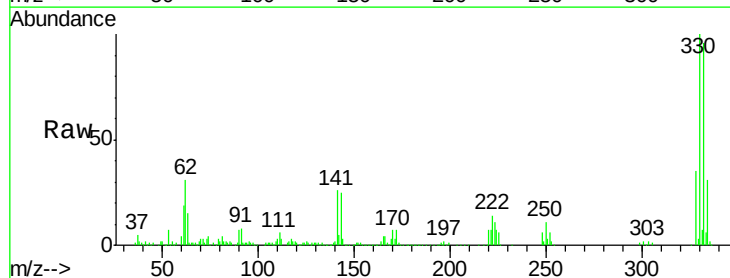


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

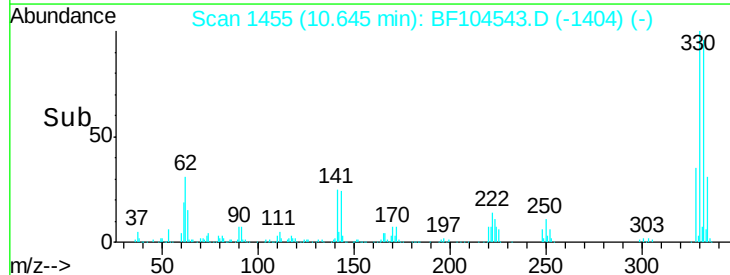
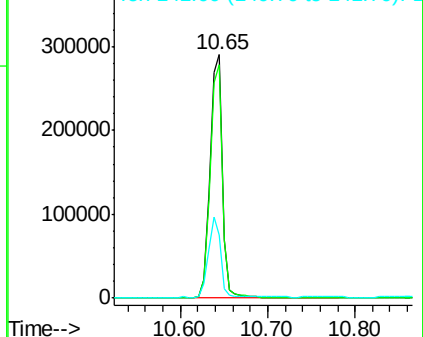


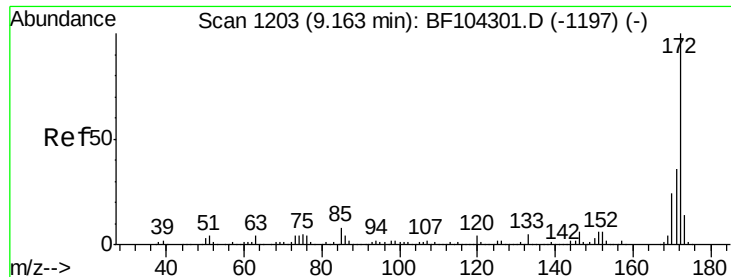
#41
 2,4,6-Tribromophenol
 Concen: 88.718 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:330 Resp: 285560
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.9 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

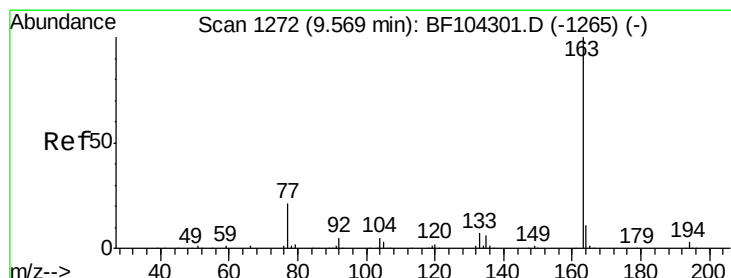
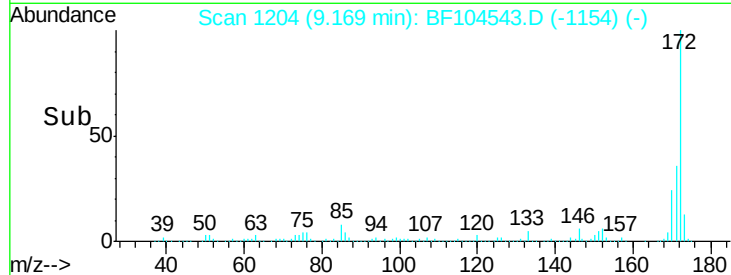
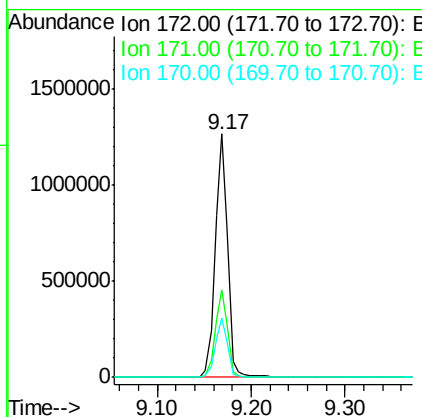
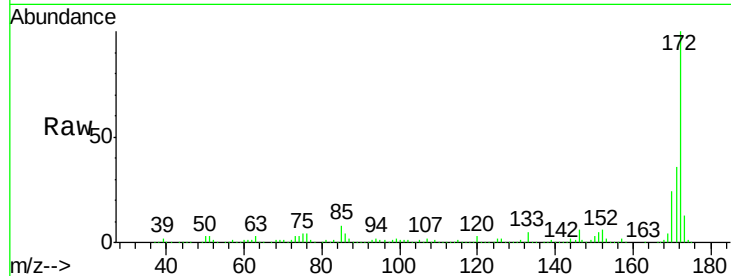




#44
2-Fluorobiphenyl
Concen: 60.462 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

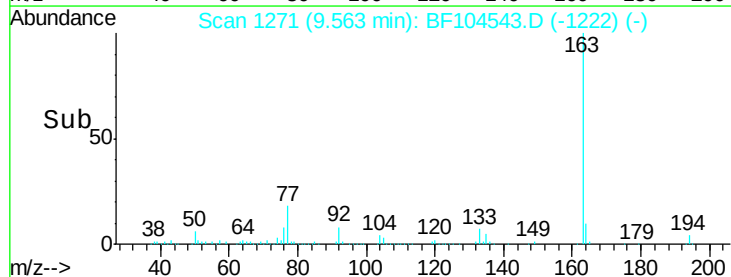
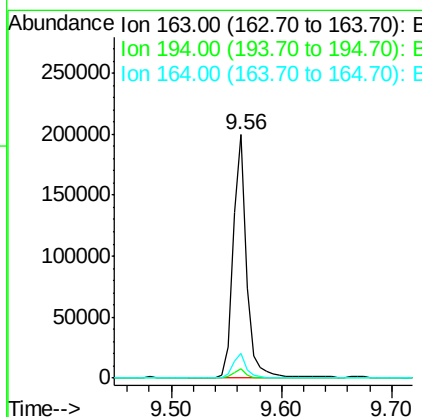
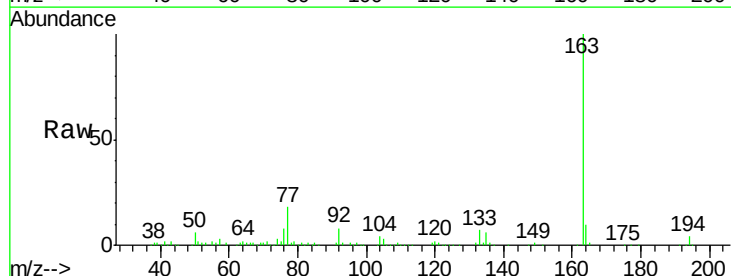
Instrument :
BNA_F
ClientSampleId :
RO-1-4

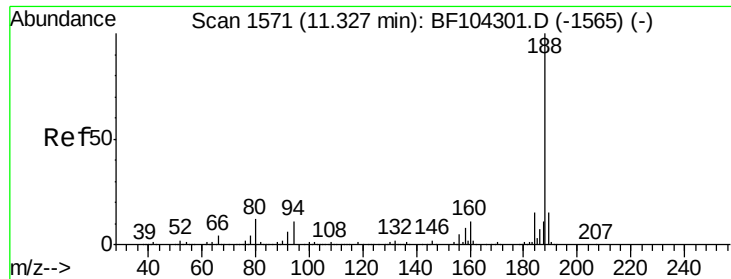
Tot Ion:172 Resp: 1187587
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.3 19.6 29.4



#49
Dimethylphthalate
Concen: 7.058 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Tgt Ion:163 Resp: 172695
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

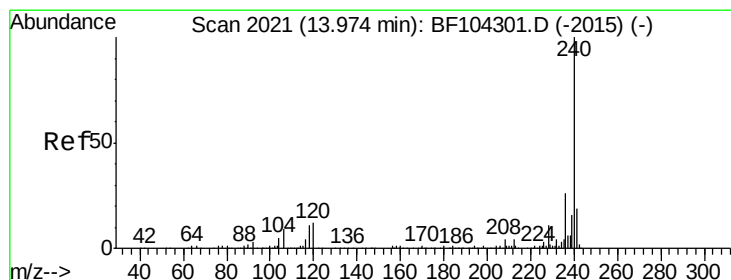
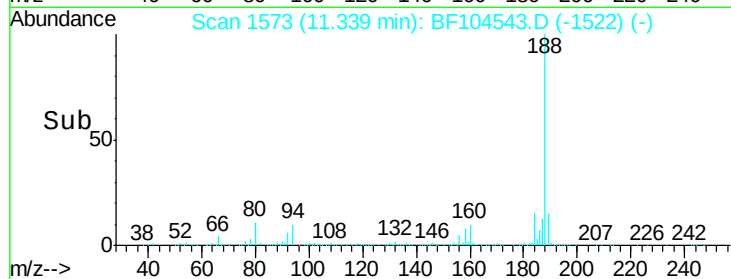
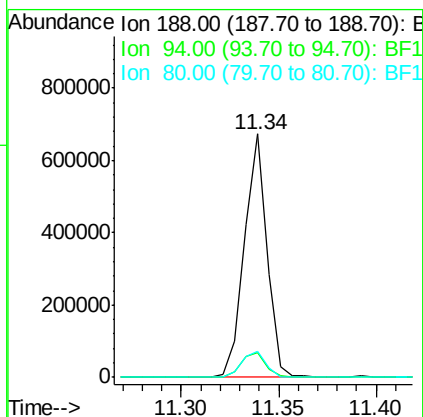
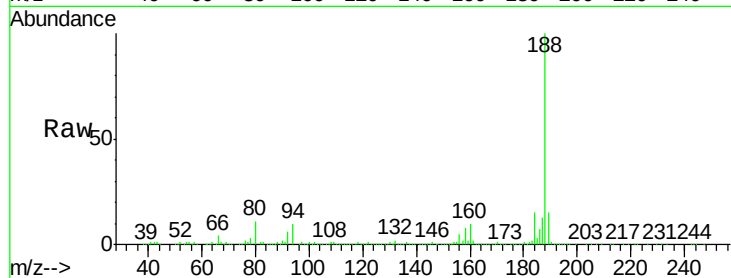




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

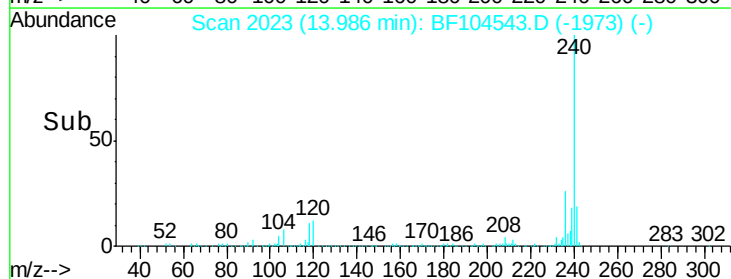
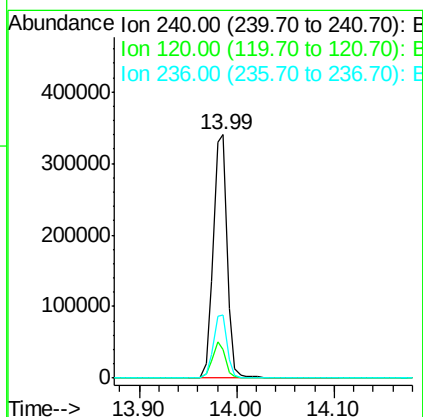
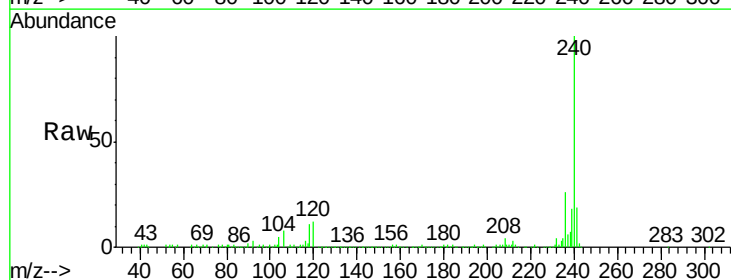
Instrument :
BNA_F
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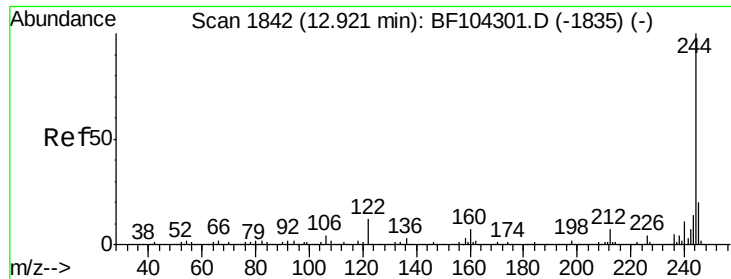
Tot Ion:188 Resp: 540956
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Tgt Ion:240 Resp: 336807
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.1 20.7 31.1

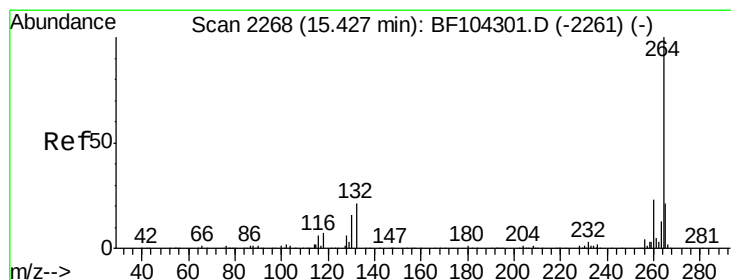
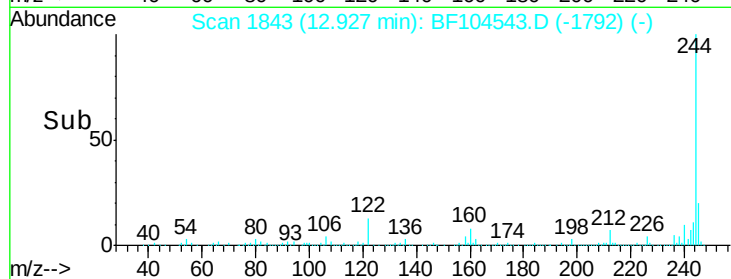
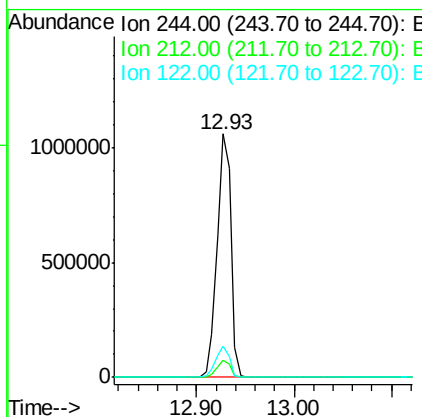
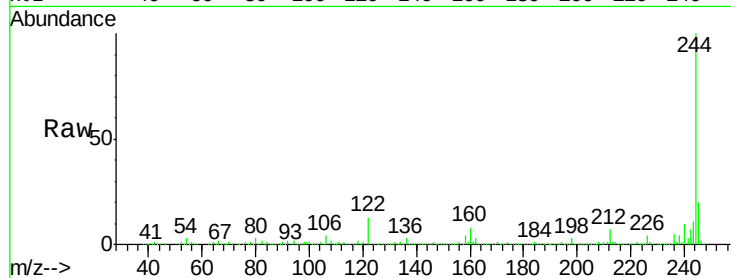




#78
 Terphenyl-d14
 Concen: 70.728 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Tot Ion:244 Resp: 1044893
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 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: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:264 Resp: 334336
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.5 26.3

