

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104368.D
 Acq On : 9 Apr 2018 13:31
 Operator : JU/SJ
 Sample : J2184-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2(9-11)

Quant Time: Apr 10 01:49:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

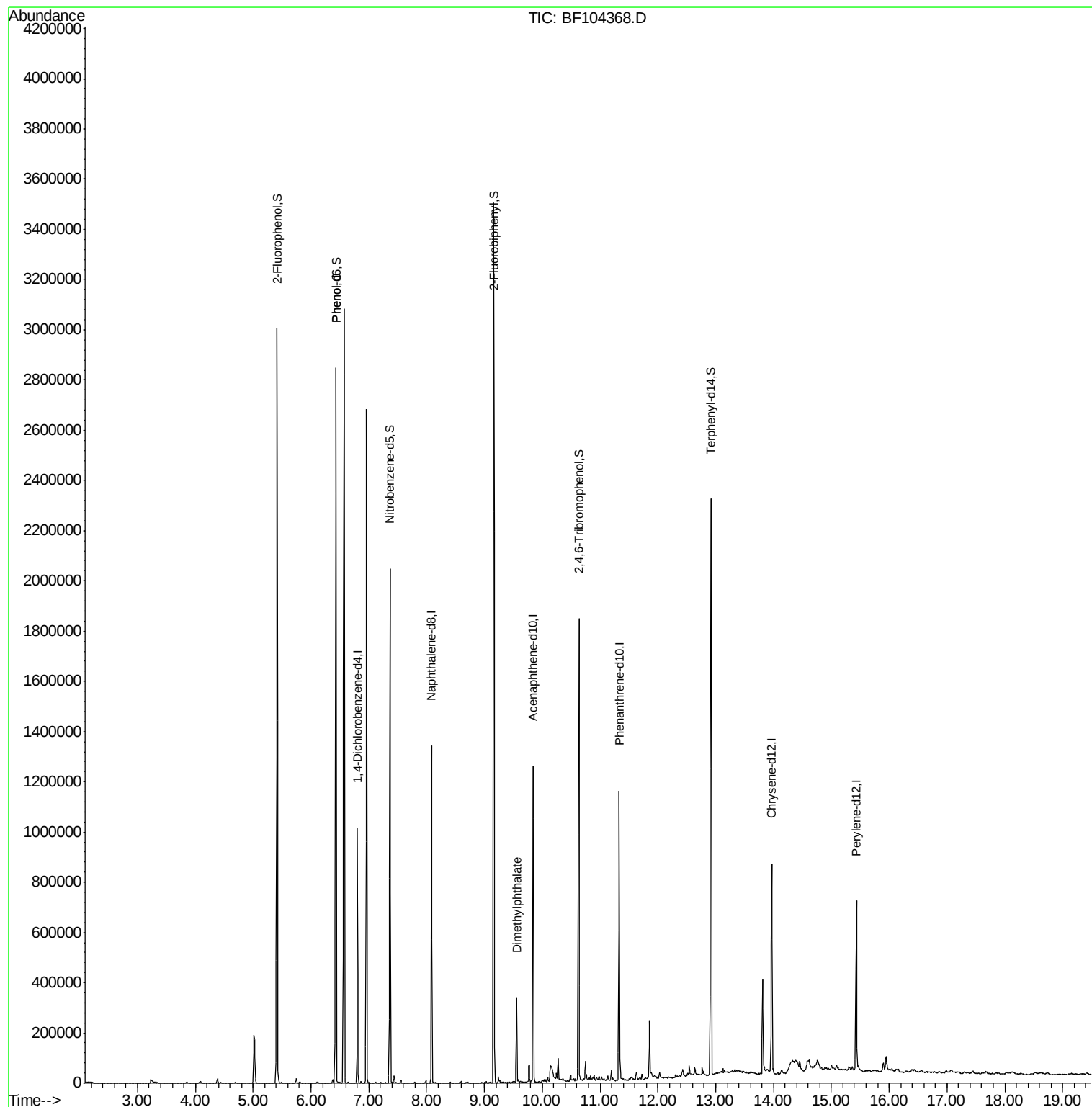
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135391	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	537440	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	237347	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	372120	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254945	20.00	ng	0.00
86) Perylene-d12	15.43	264	297063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	923253	104.27	ng	0.01
7) Phenol-d6	6.43	99	1119820	102.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	680659	82.70	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	251806	102.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1100730	73.26	ng	0.00
78) Terphenyl-d14	12.92	244	784228	70.13	ng	0.00
Target Compounds						
10) Phenol	6.44	94	24955	2.162	ng	Qvalue # 54
49) Dimethylphthalate	9.56	163	122875	6.565	ng	98

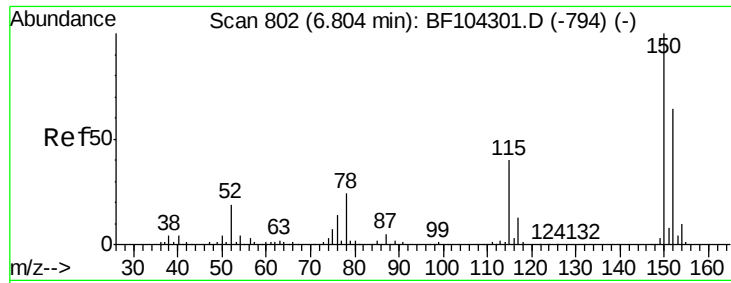
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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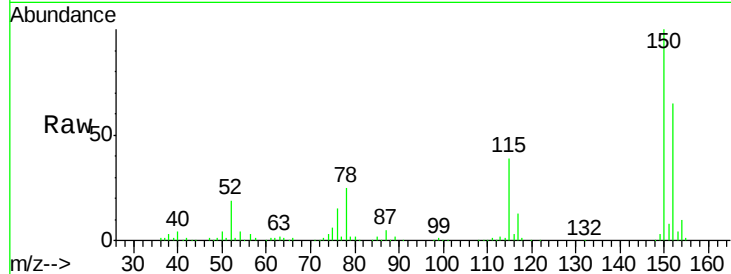


#1

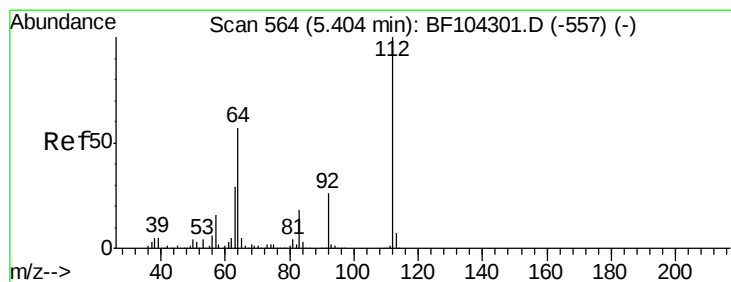
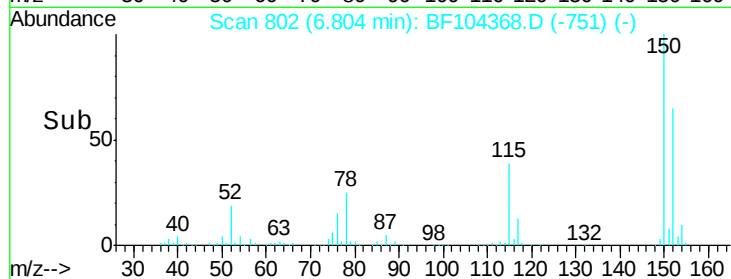
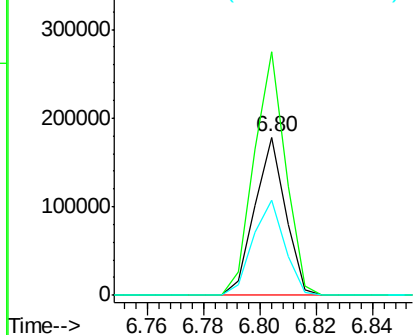
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2(9-11)

Tot Ion:152 Resp: 135391
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 60.4 50.1 75.1



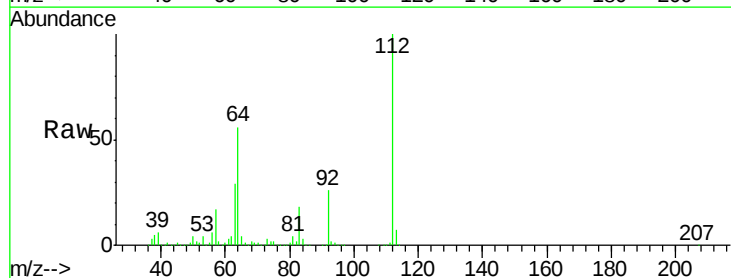
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



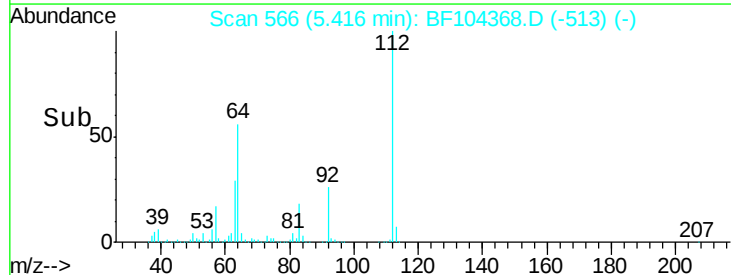
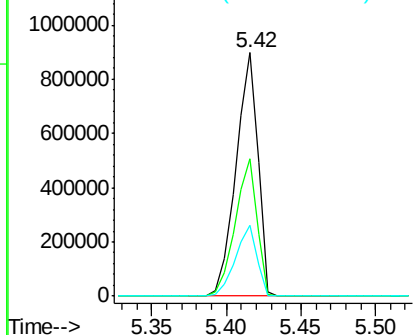
#5

2-Fluorophenol
 Concen: 104.269 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Tgt Ion:112 Resp: 923253
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.9 71.9
 63 28.8 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: 102.931 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

Instrument :

BNA_F

ClientSampleId :

SB-3-2(9-11)

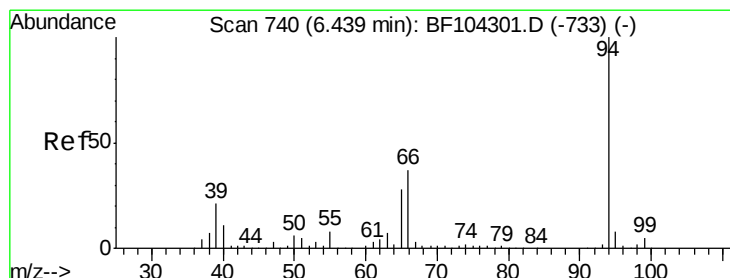
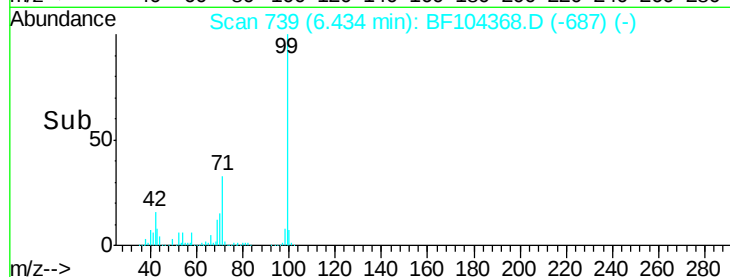
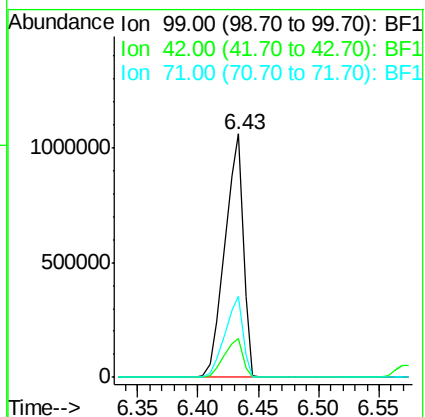
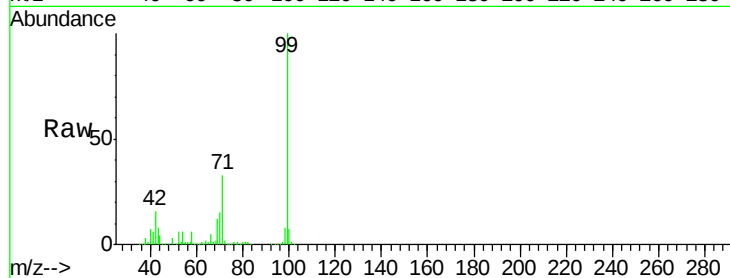
Tot Ion: 99 Resp: 1119820

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 2.162 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

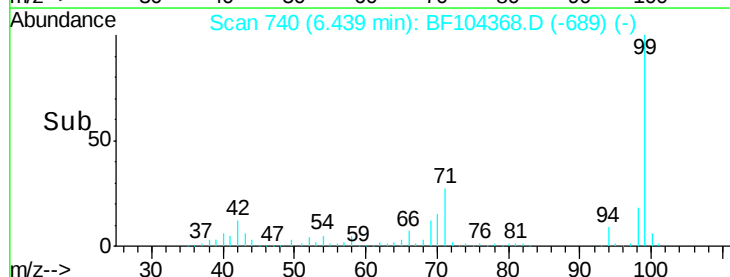
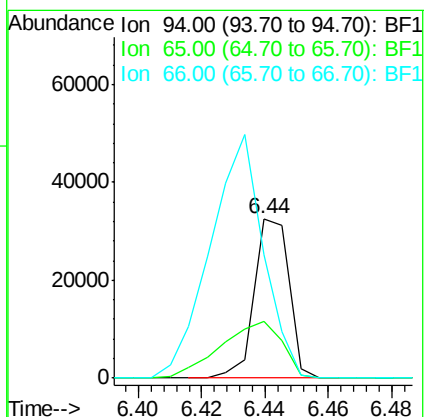
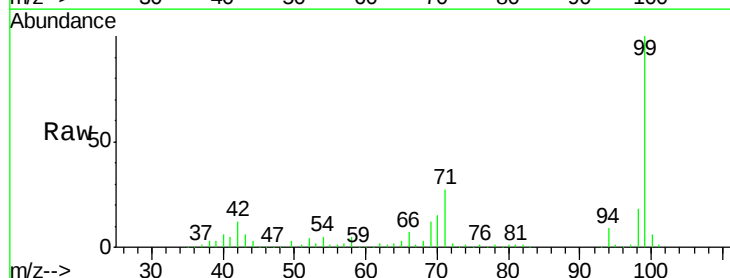
Tgt Ion: 94 Resp: 24955

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 77.6 16.2 56.2#

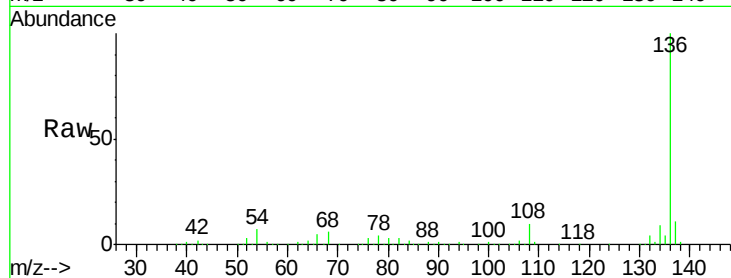




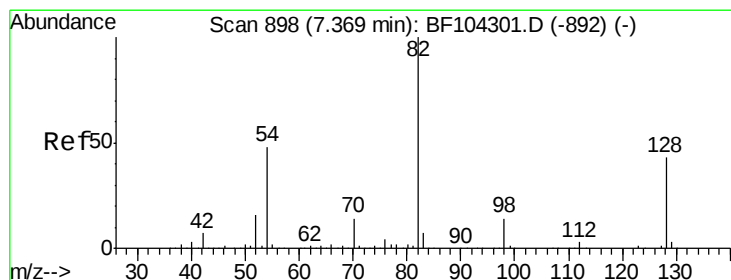
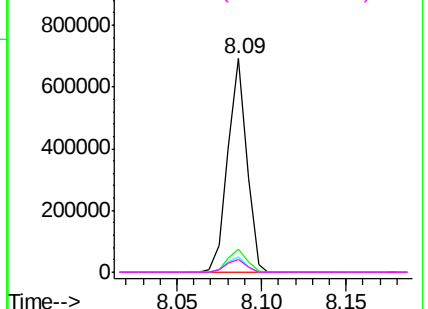
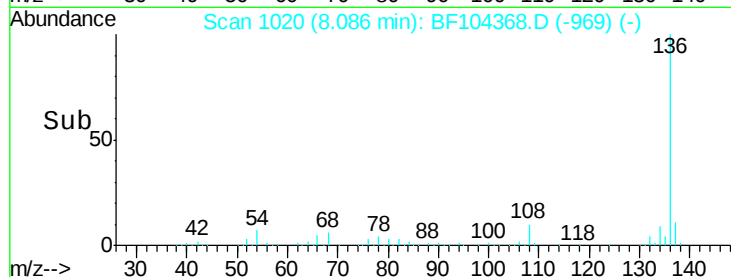
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3-2(9-11)

Tot Ion:136	Resp:	537440
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	6.9	6.6 9.8
68	6.1	5.0 7.4

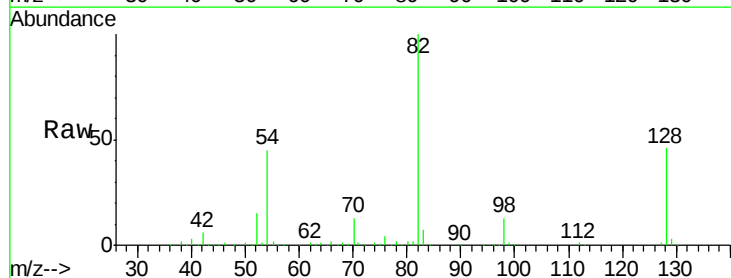


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

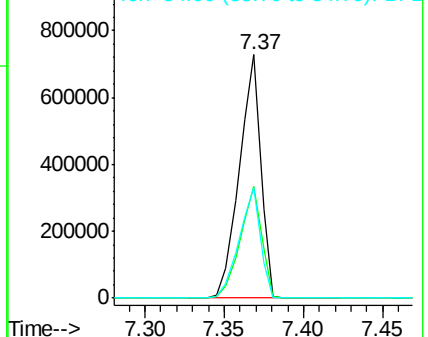
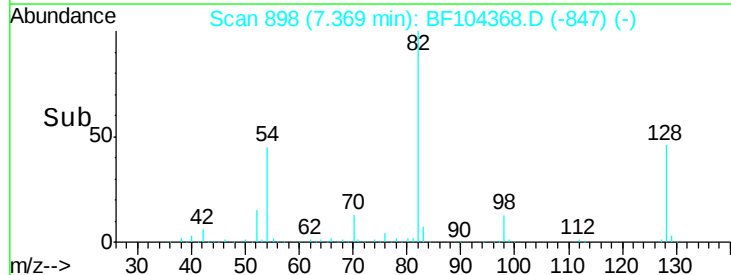


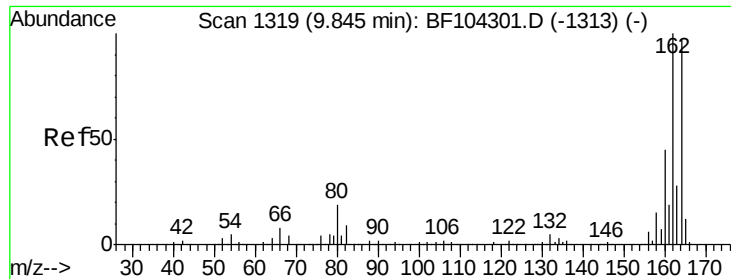
#23
Nitrobenzene-d5
Concen: 82.699 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion: 82	Resp:	680659
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.1 54.1
54	45.4	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

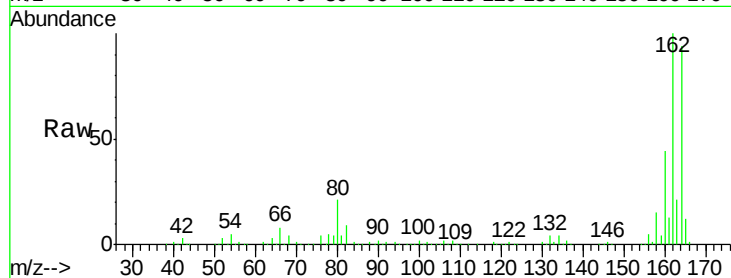




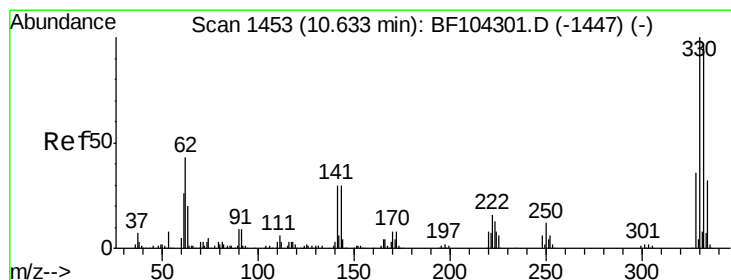
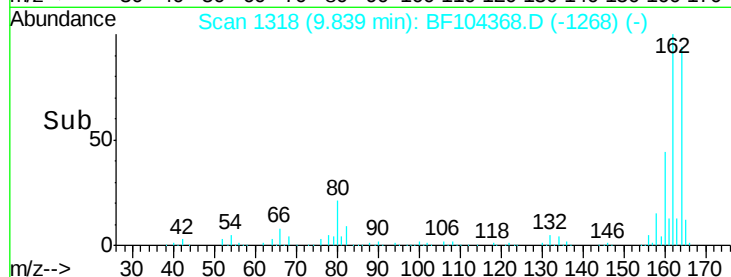
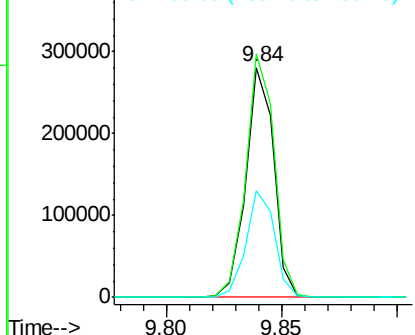
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2(9-11)

Tot Ion:164 Resp: 237347
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 46.2 38.3 57.5

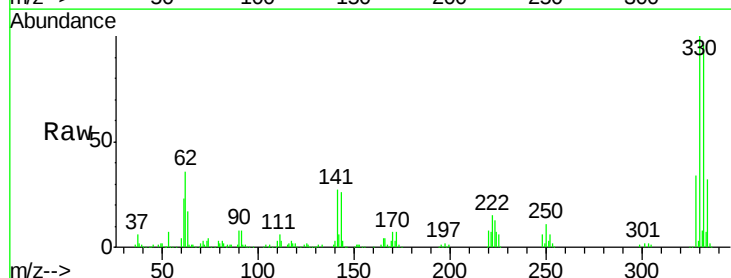


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

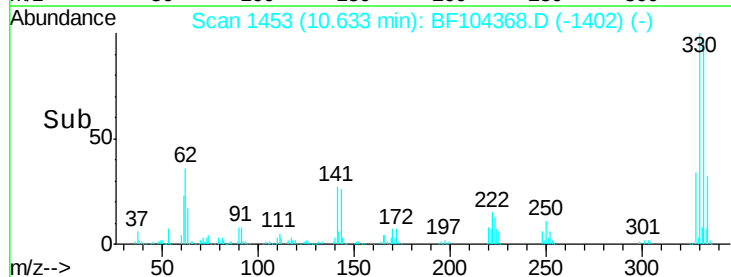
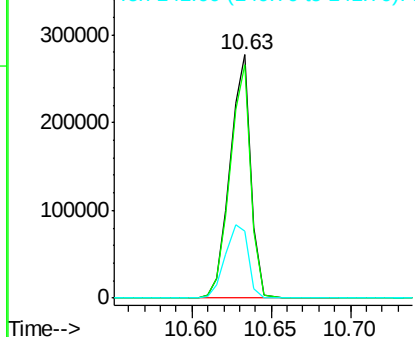


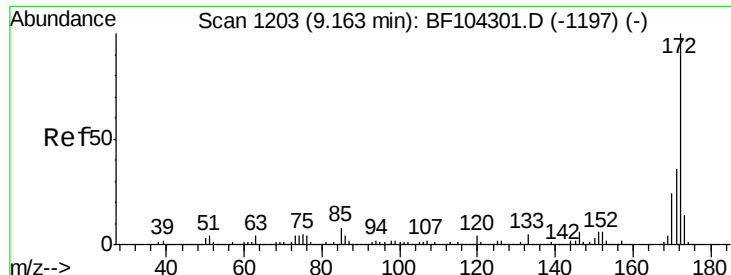
#41
 2,4,6-Tribromophenol
 Concen: 102.274 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104368.D
 Acq: 9 Apr 2018 13:31

Tgt Ion:330 Resp: 251806
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.3 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

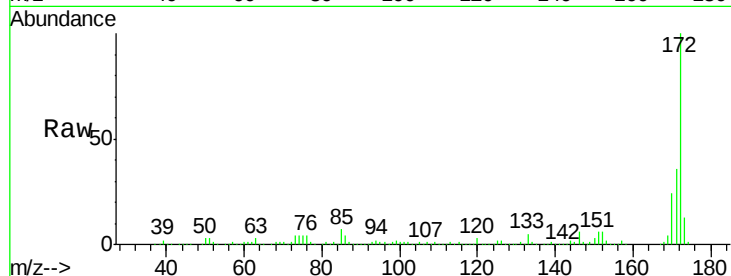




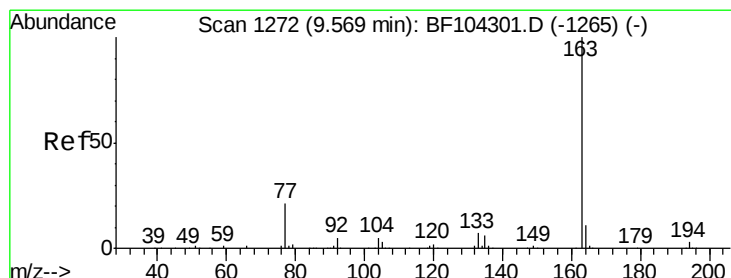
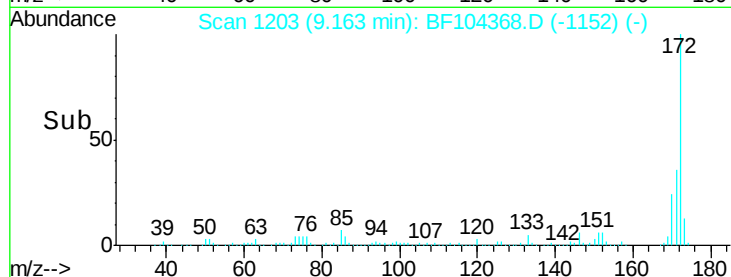
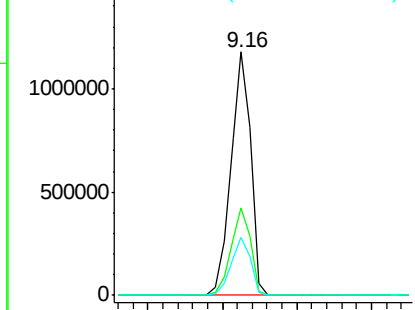
#44
2-Fluorobiphenyl
Concen: 73.263 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3-2(9-11)

Tot Ion:172 Resp: 1100730
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.6 19.6 29.4

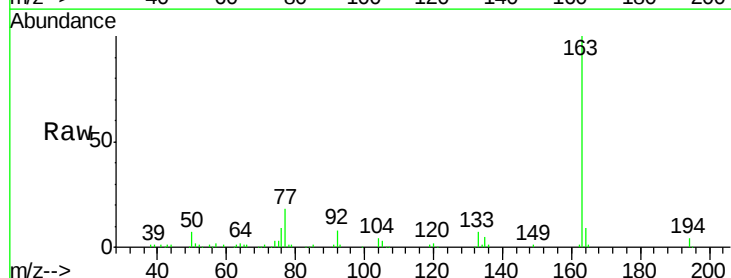


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

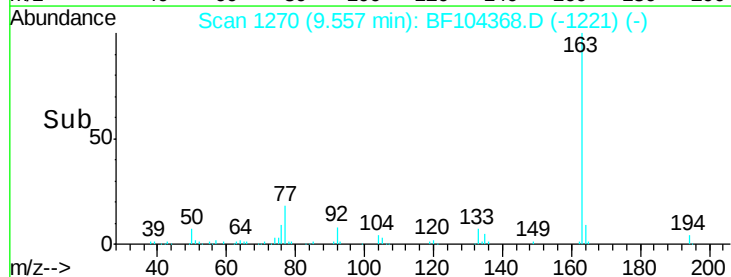
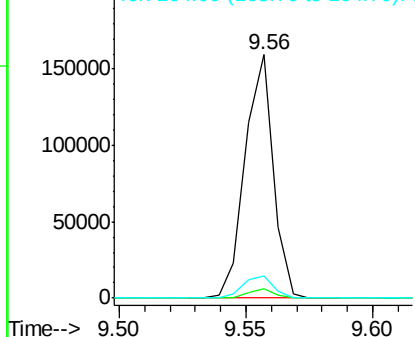


#49
Dimethylphthalate
Concen: 6.565 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion:163 Resp: 122875
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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

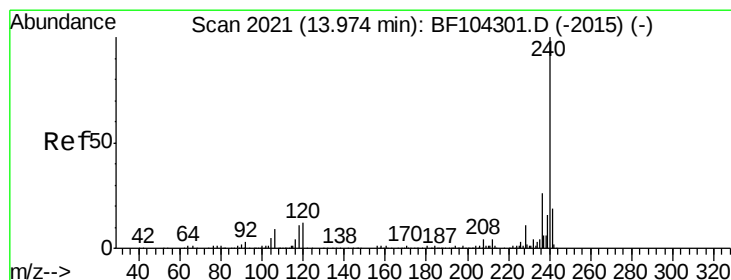
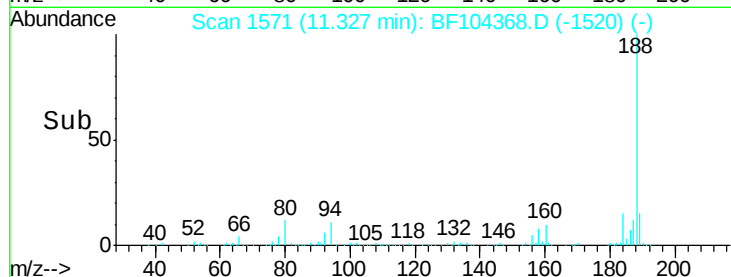
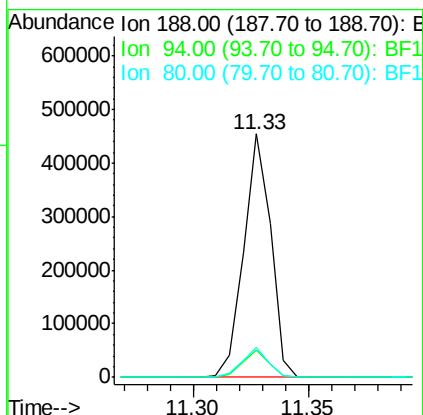
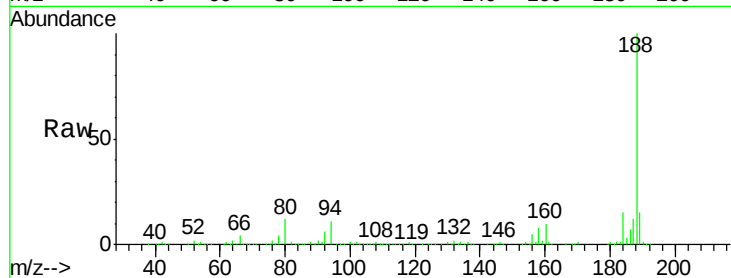




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

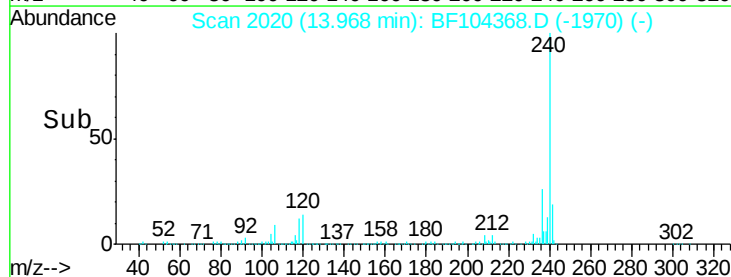
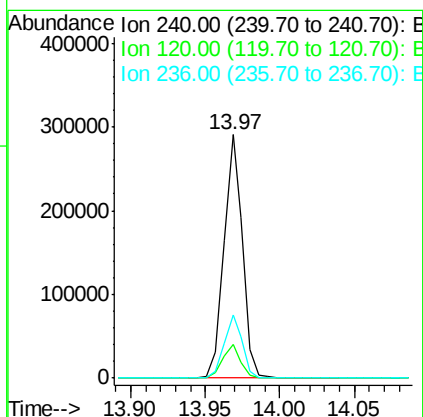
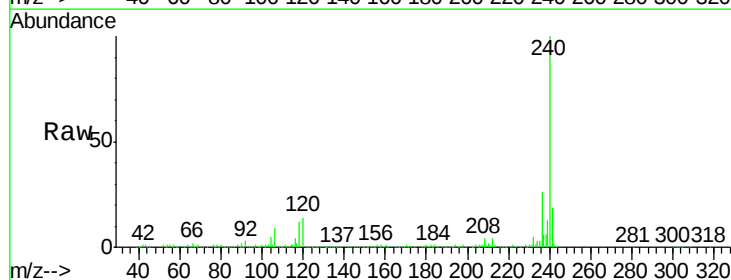
Instrument :
BNA_F
ClientSampleId :
SB-3-2(9-11)

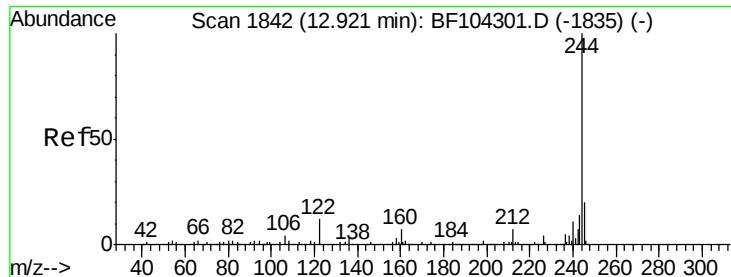
Tot Ion:188 Resp: 372120
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104368.D
Acq: 9 Apr 2018 13:31

Tgt Ion:240 Resp: 254945
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 70.129 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

Instrument :

BNA_F

ClientSampleId :

SB-3-2(9-11)

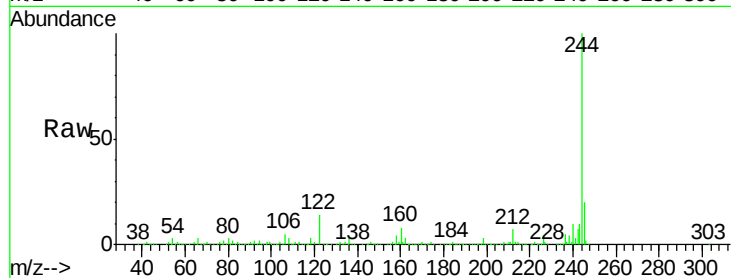
Tot Ion:244 Resp: 784228

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

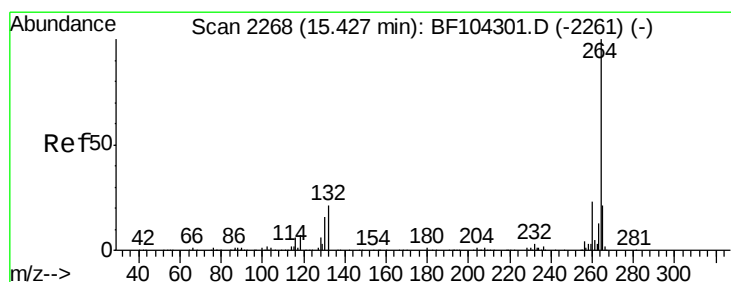
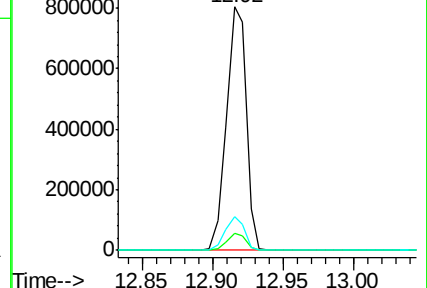
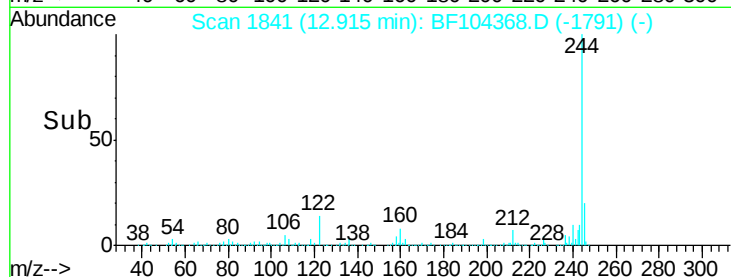
122 13.8 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF104368.D

Acq: 9 Apr 2018 13:31

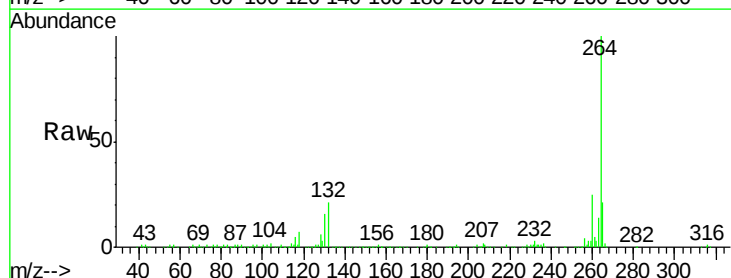
Tgt Ion:264 Resp: 297063

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.2 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

