

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104366.D
 Acq On : 9 Apr 2018 12:39
 Operator : JU/SJ
 Sample : J2148-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2C

Quant Time: Apr 10 01:40:15 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

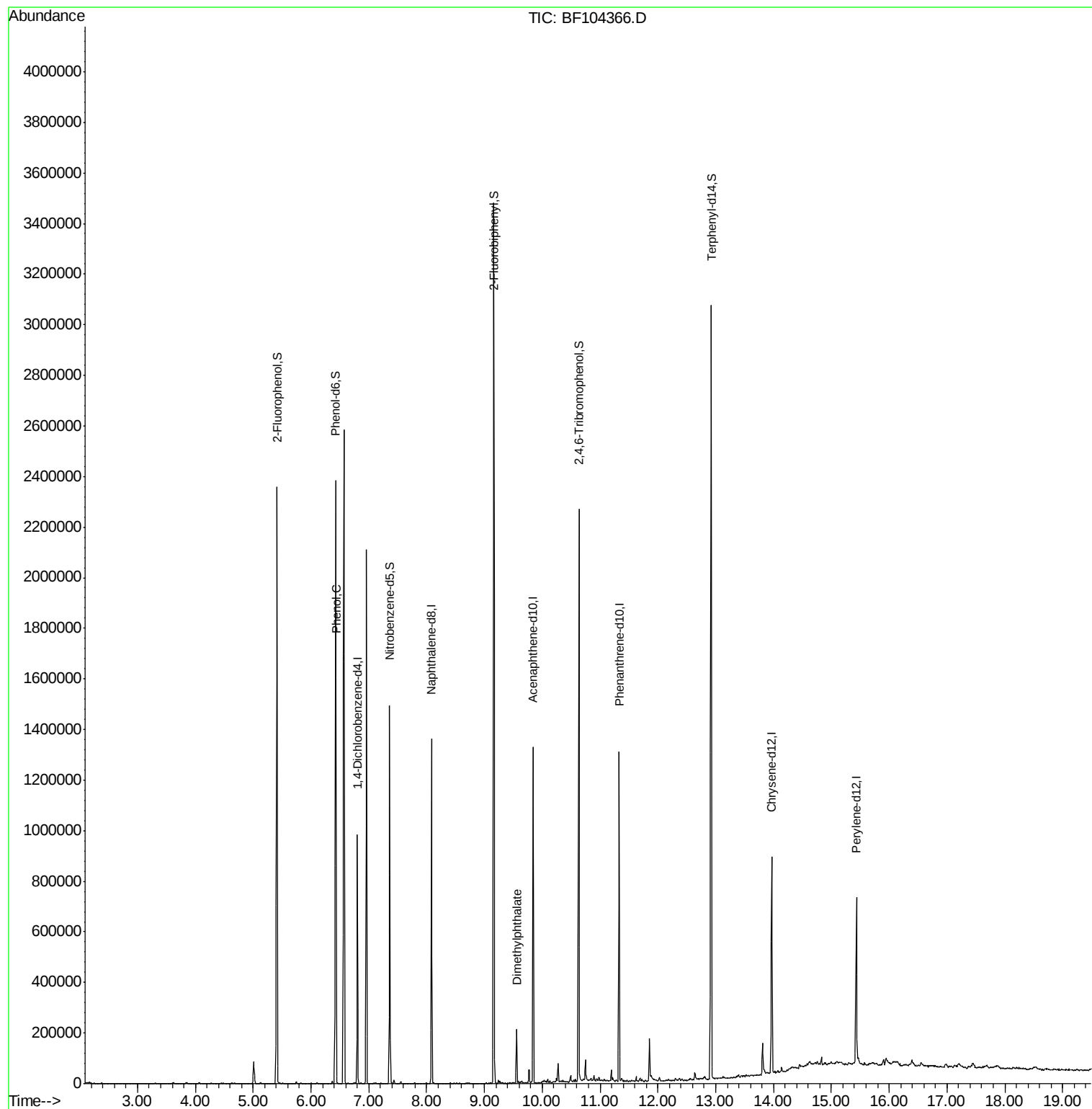
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	541835	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	247902	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	416395	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261321	20.00	ng	0.00
86) Perylene-d12	15.43	264	285107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	662374	74.61	ng	0.00
7) Phenol-d6	6.43	99	911838	83.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	535956	64.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	286383	111.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1034081	65.90	ng	0.00
78) Terphenyl-d14	12.92	244	1052858	91.85	ng	0.00
Target Compounds						
10) Phenol	6.44	94	32968	2.849	ng	97
49) Dimethylphthalate	9.56	163	80858	4.136	ng	98

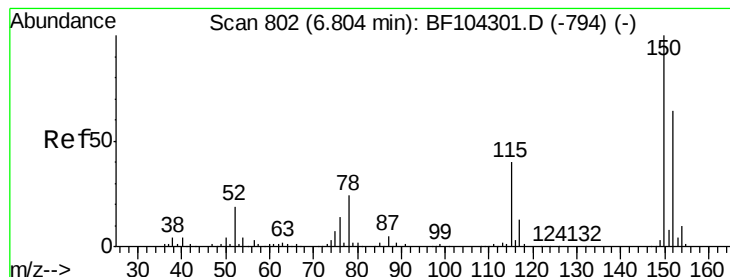
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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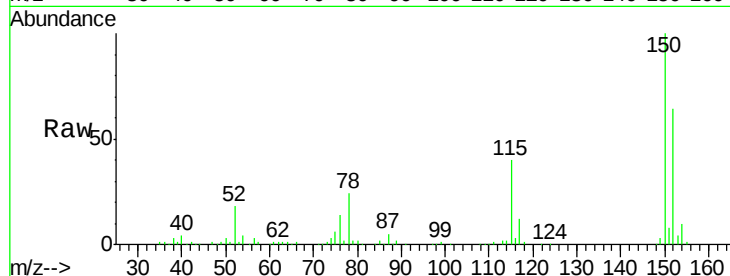


#1

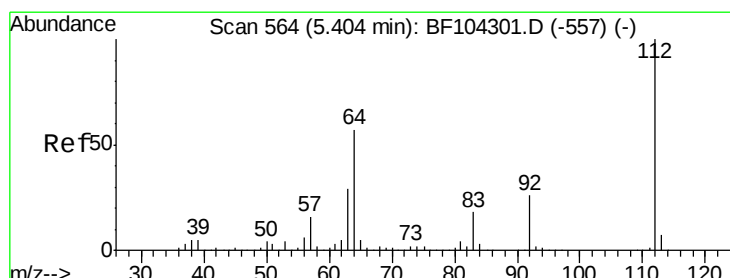
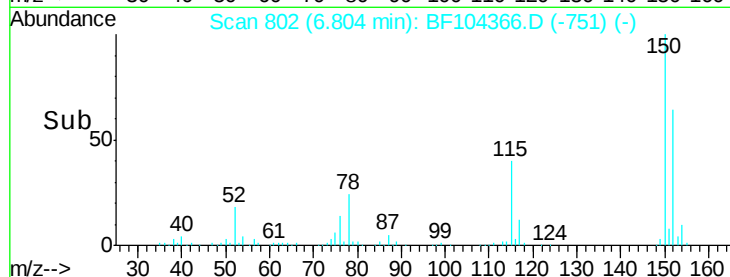
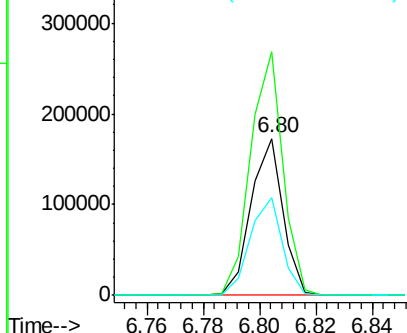
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104366.D
Acq: 9 Apr 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-2C

Tot Ion:152 Resp: 135744
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 62.3 50.1 75.1



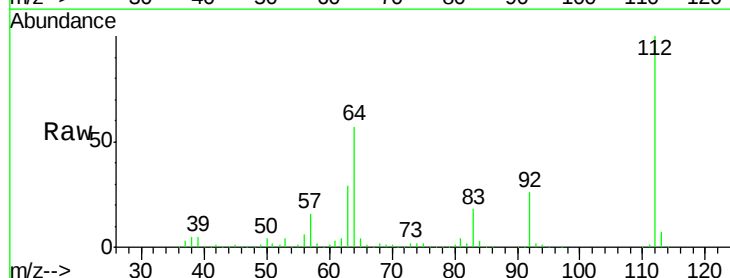
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



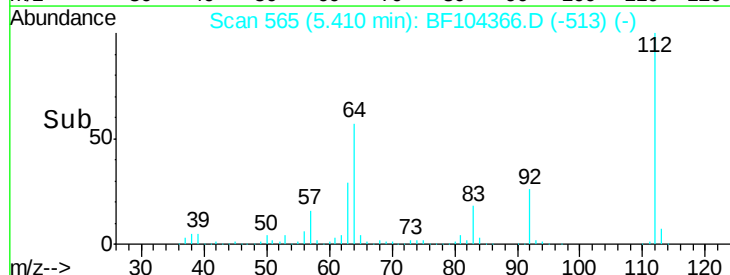
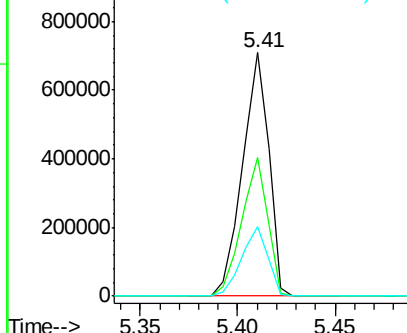
#5

2-Fluorophenol
Concen: 74.612 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104366.D
Acq: 9 Apr 2018 12:39

Tgt Ion:112 Resp: 662374
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.7 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: 83.596 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104366.D

Acq: 9 Apr 2018 12:39

Instrument :

BNA_F

ClientSampleId :

SB-2C

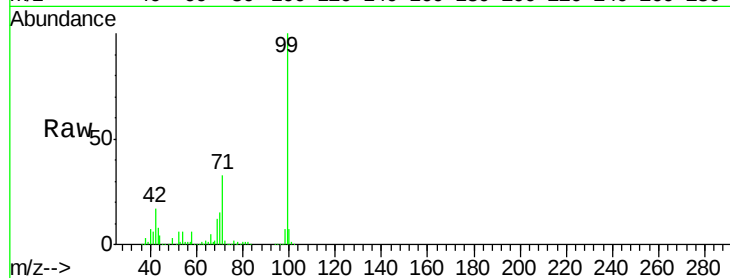
Tot Ion: 99 Resp: 911838

Ion Ratio Lower Upper

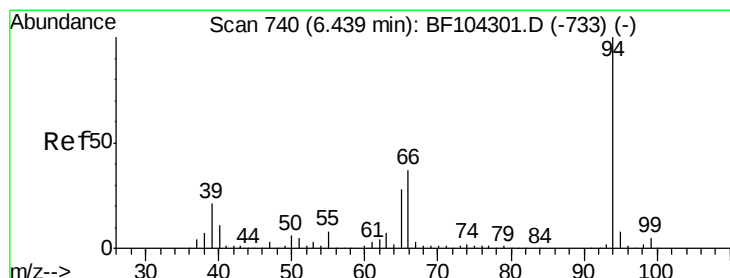
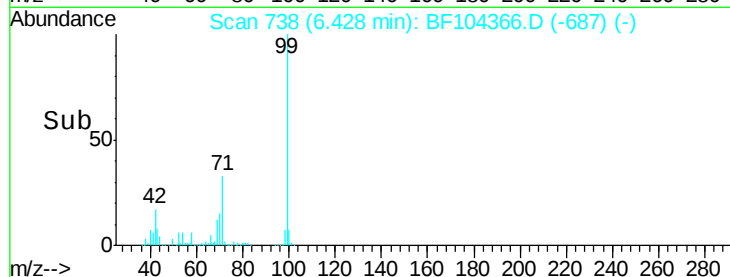
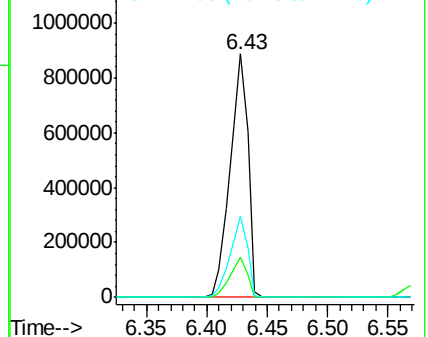
99 100

42 16.6 14.5 21.7

71 33.1 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: 2.849 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104366.D

Acq: 9 Apr 2018 12:39

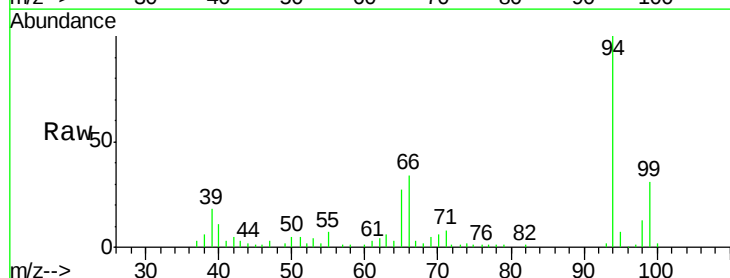
Tgt Ion: 94 Resp: 32968

Ion Ratio Lower Upper

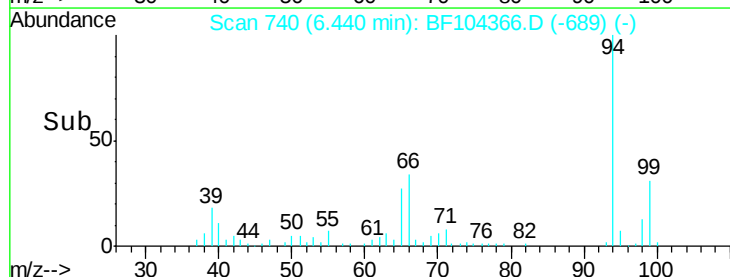
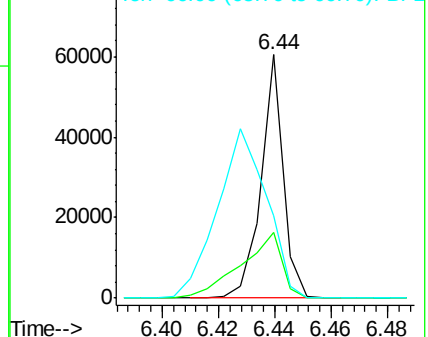
94 100

65 26.7 7.9 47.9

66 33.8 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

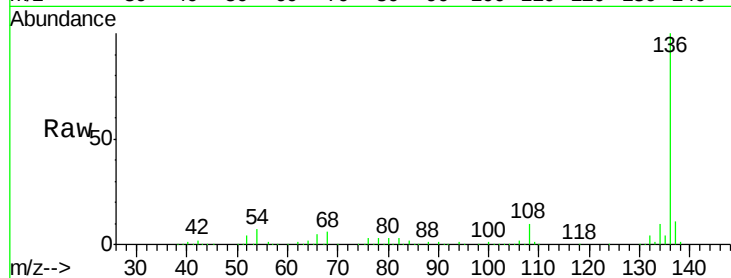




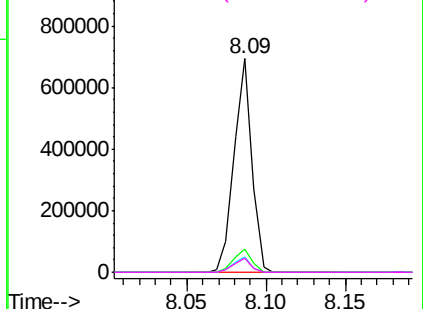
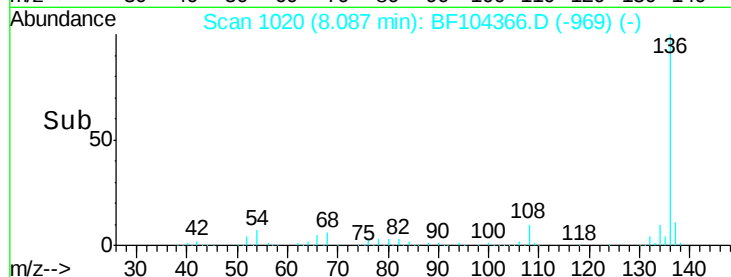
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104366.D
Acq: 9 Apr 2018 12:39

Instrument :
BNA_F
ClientSampleId :
SB-2C

Tot Ion:136	Resp:	541835
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	6.3	5.0 7.4

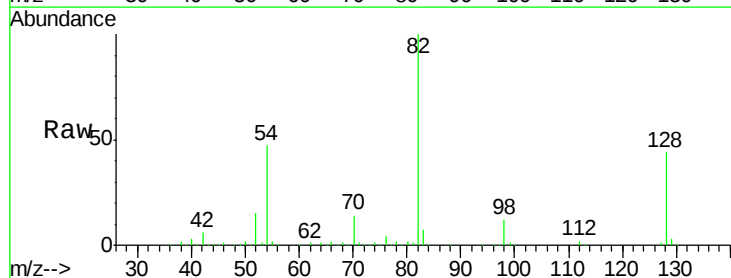


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

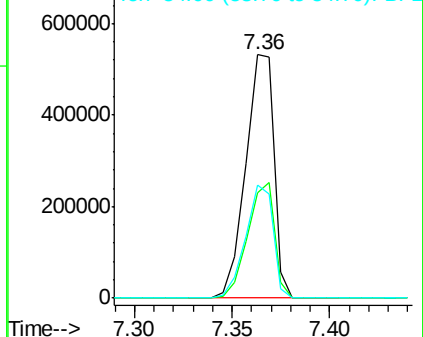
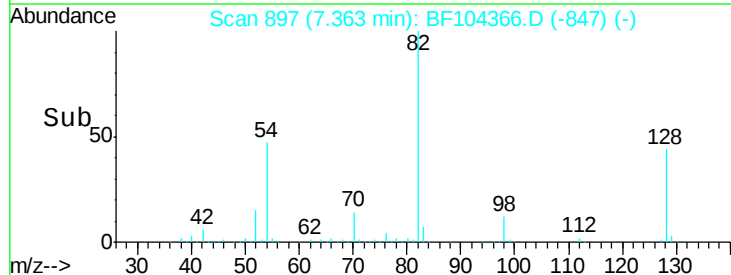


#23
Nitrobenzene-d5
Concen: 64.590 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104366.D
Acq: 9 Apr 2018 12:39

Tgt Ion: 82	Resp:	535956
Ion Ratio	Lower	Upper
82	100	
128	43.5	36.1 54.1
54	46.6	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

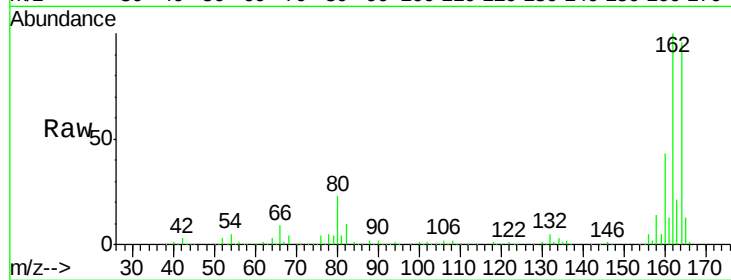




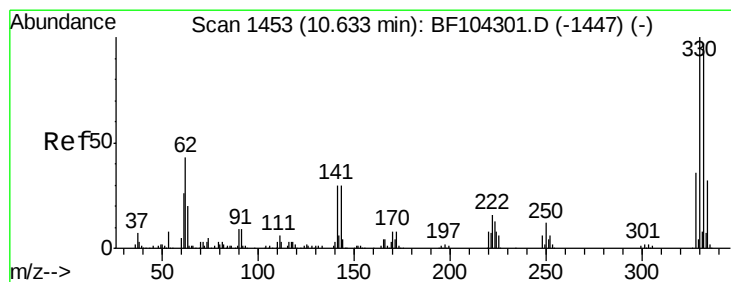
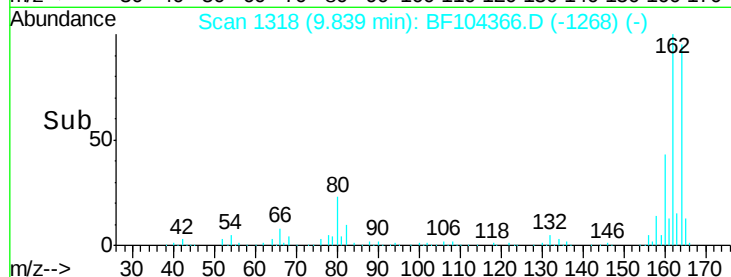
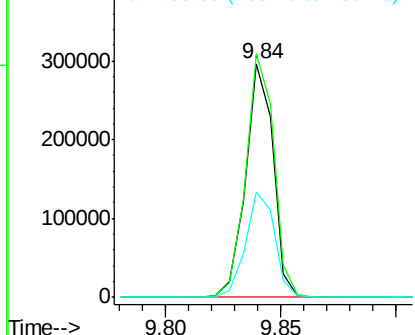
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104366.D
 Acq: 9 Apr 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-2C

Tot Ion:164 Resp: 247902
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.0 38.3 57.5

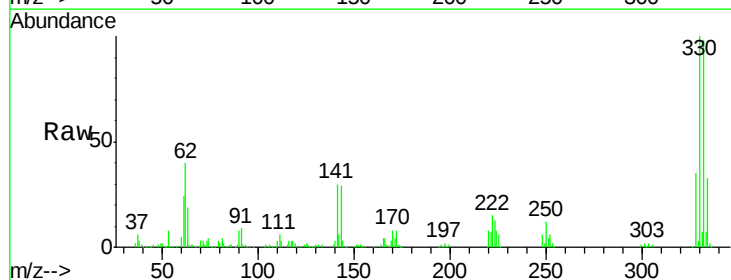


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

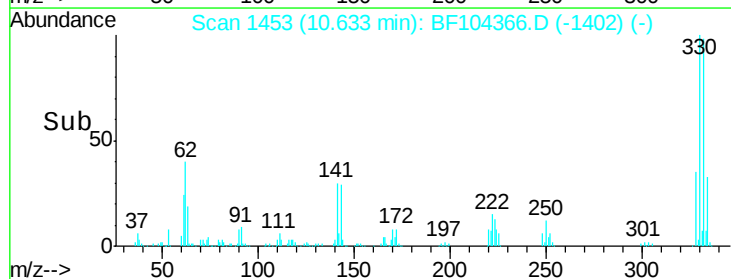
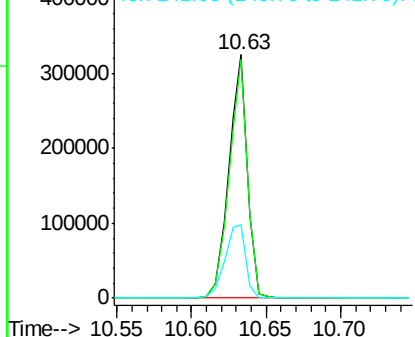


#41
 2,4,6-Tribromophenol
 Concen: 111.366 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104366.D
 Acq: 9 Apr 2018 12:39

Tgt Ion:330 Resp: 286383
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.7 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



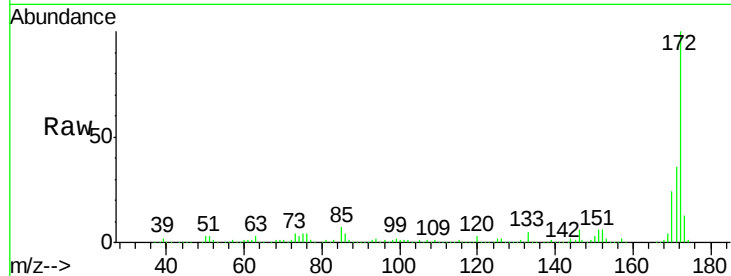


#44
 2-Fluorobiphenyl
 Concen: 65.897 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104366.D
 Acq: 9 Apr 2018 12:39

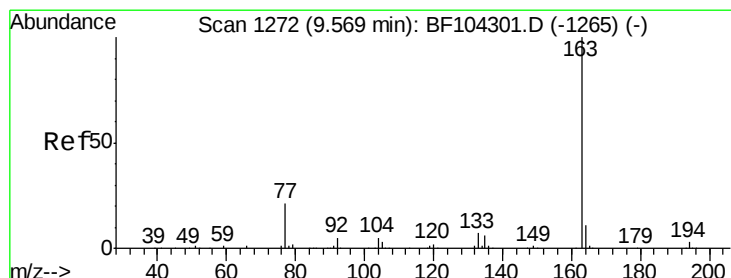
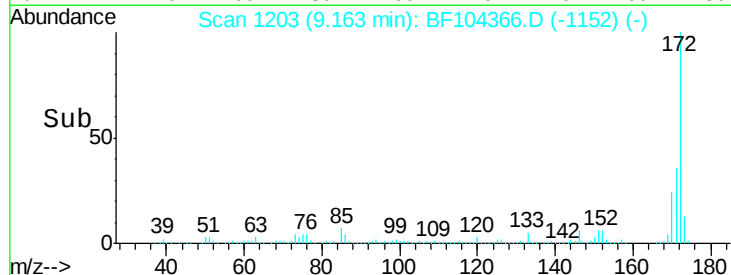
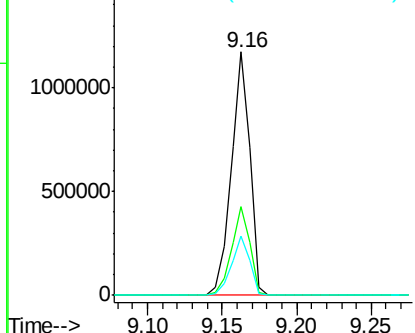
Instrument :
 BNA_F
 ClientSampleId :
 SB-2C

Tot Ion:172 Resp: 1034081

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



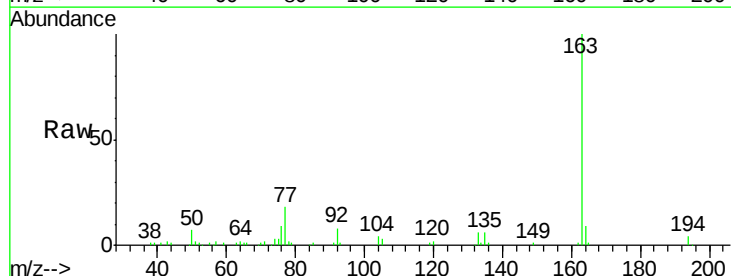
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



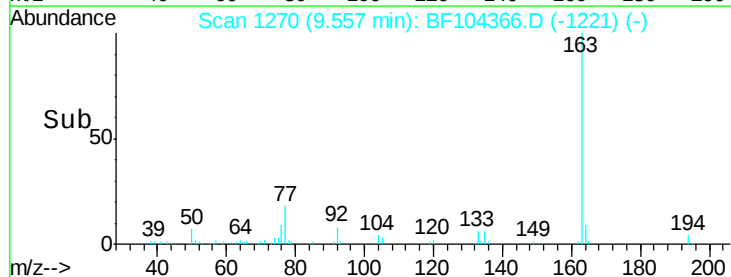
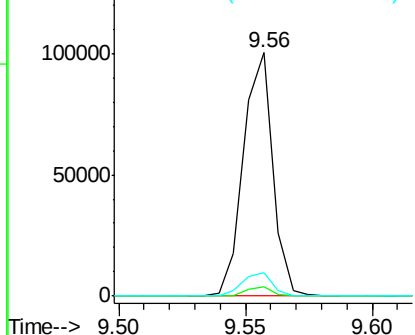
#49
 Dimethylphthalate
 Concen: 4.136 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104366.D
 Acq: 9 Apr 2018 12:39

Tgt Ion:163 Resp: 80858

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.4	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

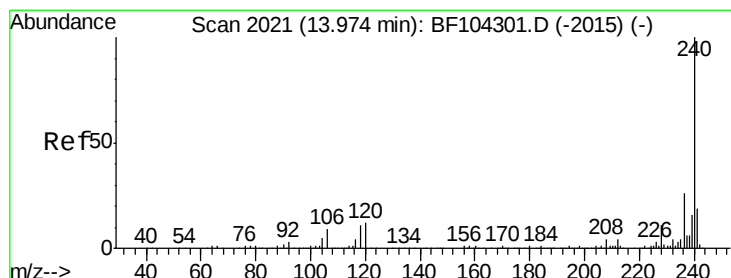
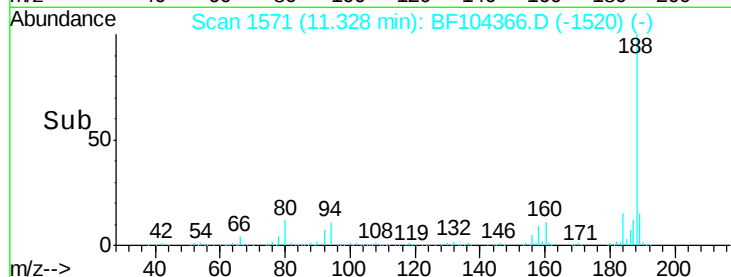
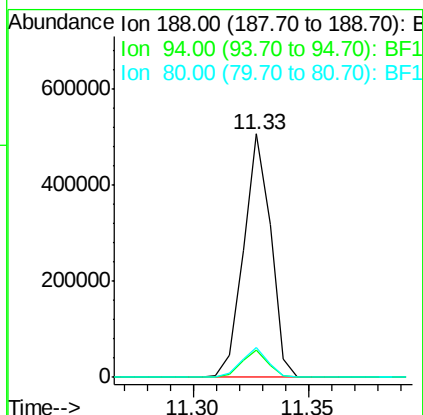
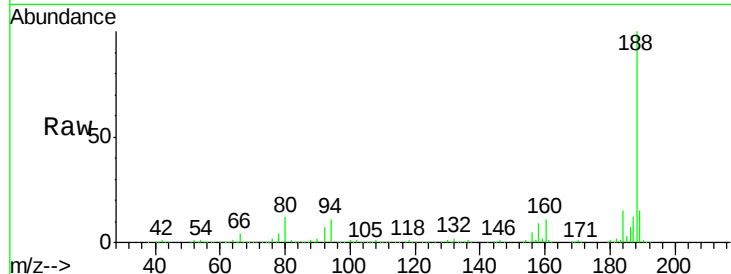




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104366.D
Acq: 9 Apr 2018 12:39

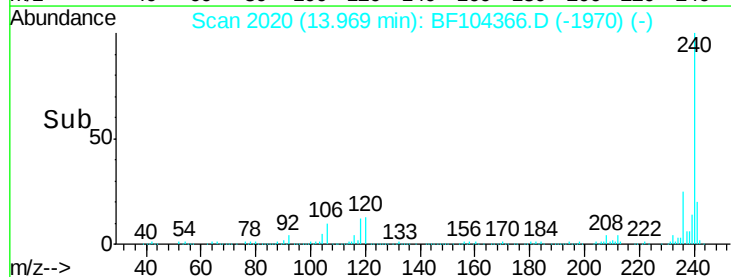
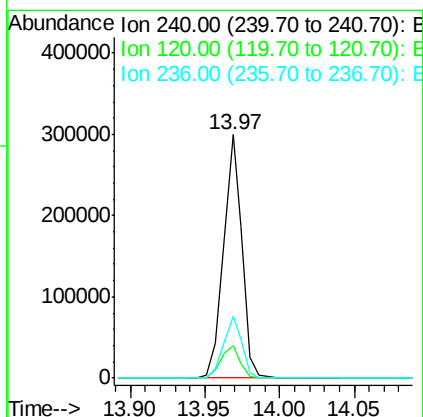
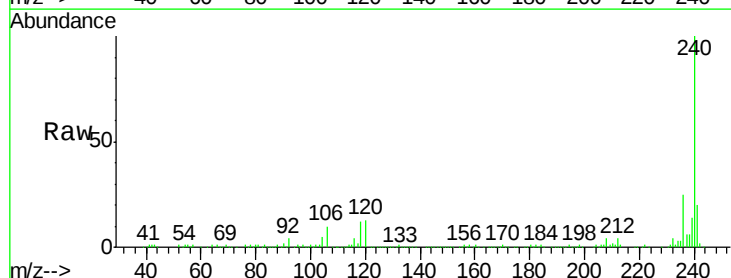
Instrument :
BNA_F
ClientSampleId :
SB-2C

Tot Ion:188 Resp: 416395
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 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: BF104366.D
Acq: 9 Apr 2018 12:39

Tgt Ion:240 Resp: 261321
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 91.854 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104366.D

Acq: 9 Apr 2018 12:39

Instrument :

BNA_F

ClientSampled :

SB-2C

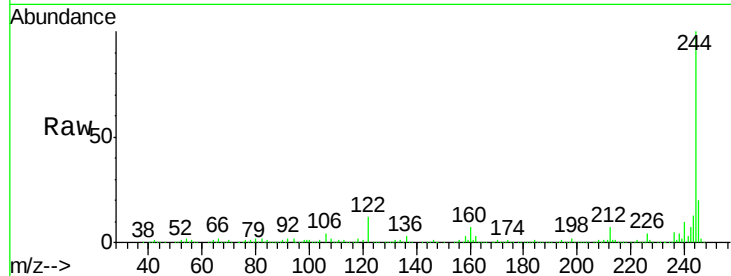
Tot Ion:244 Resp: 1052858

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

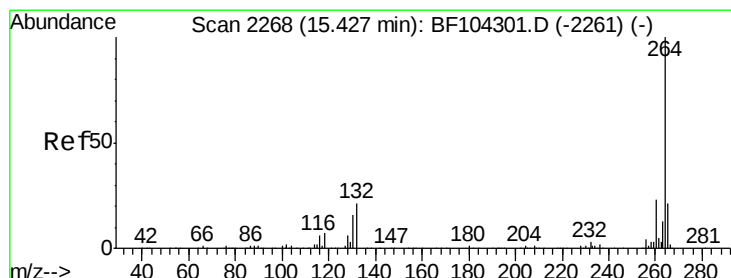
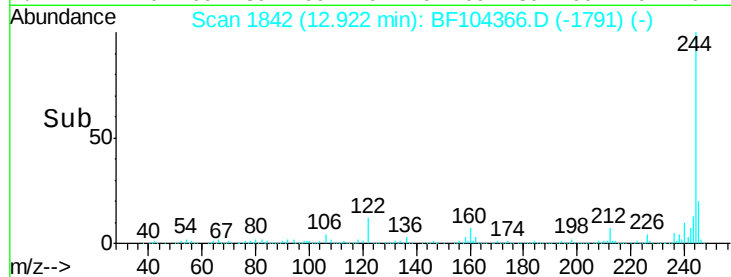
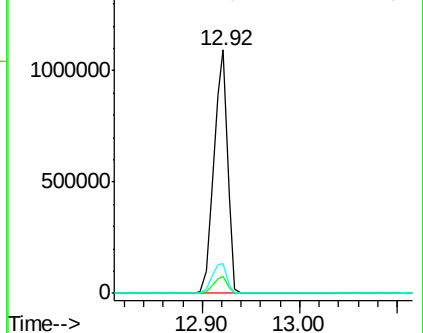
122 12.2 11.0 16.4



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: BF104366.D

Acq: 9 Apr 2018 12:39

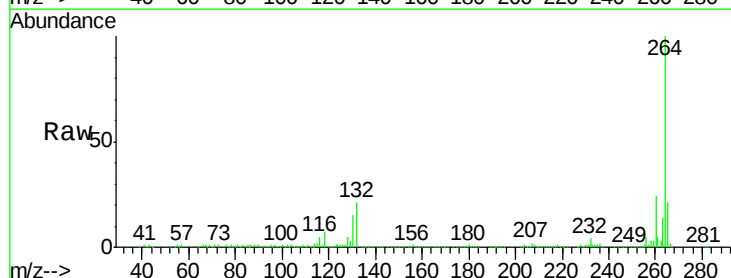
Tgt Ion:264 Resp: 285107

Ion Ratio Lower Upper

264 100

260 24.0 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

