

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104388.D
 Acq On : 9 Apr 2018 23:14
 Operator : JU/SJ
 Sample : J2158-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040618

Quant Time: Apr 10 03:25:43 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	6.81	152	127660	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	511359	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	202779	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299308	20.00	ng	0.00
75) Chrysene-d12	13.97	240	260138	20.00	ng	0.00
86) Perylene-d12	15.44	264	189744	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1018063	121.94	ng	0.02
7) Phenol-d6	6.44	99	1138902	111.02	ng	0.01
23) Nitrobenzene-d5	7.37	82	802817	102.52	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	258582	122.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1338581	104.28	ng	0.00
78) Terphenyl-d14	12.93	244	1033411	90.57	ng	0.00

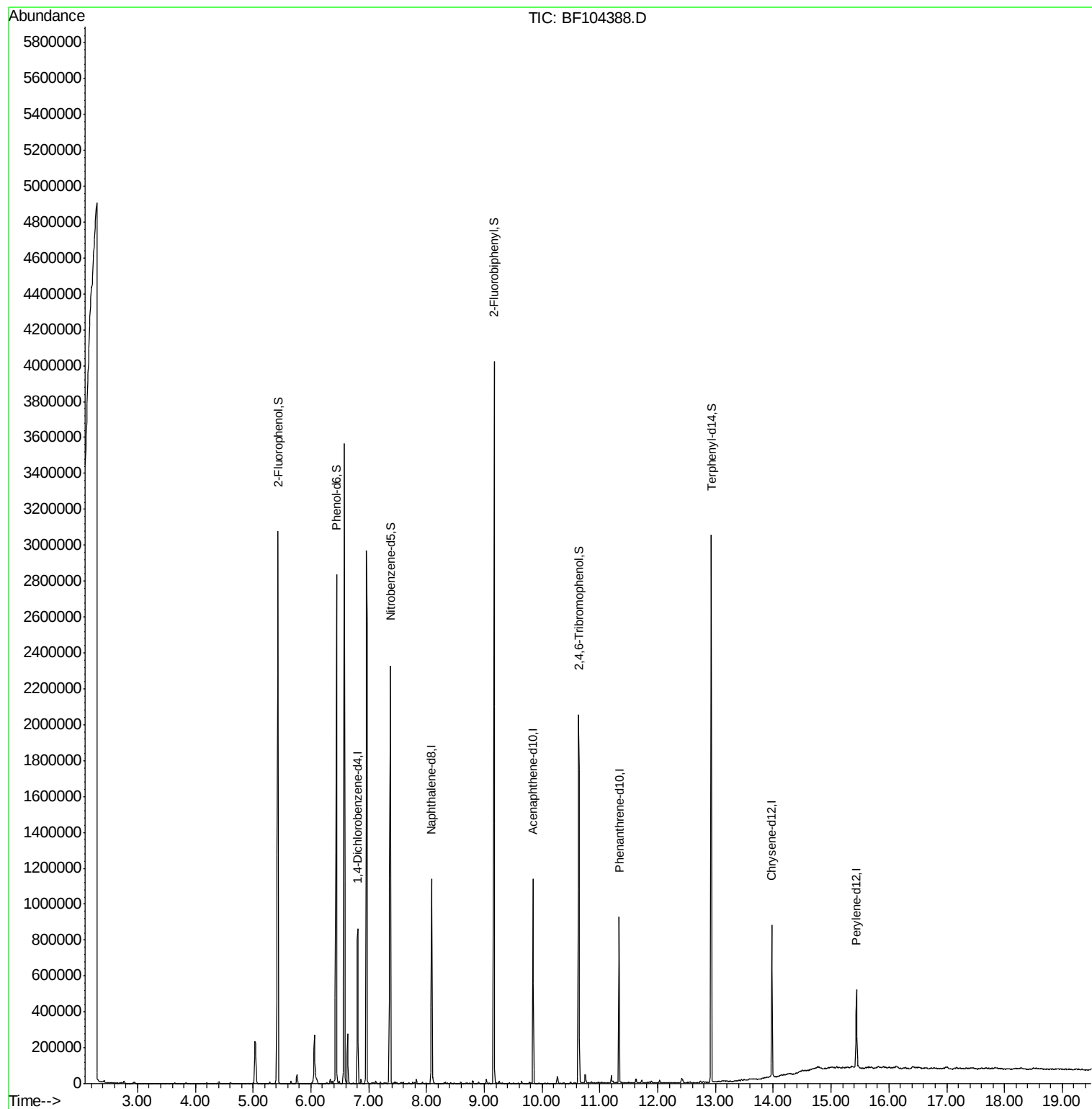
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104388.D
Acq On : 9 Apr 2018 23:14
Operator : JU/SJ
Sample : J2158-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Quant Time: Apr 10 03:25:43 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



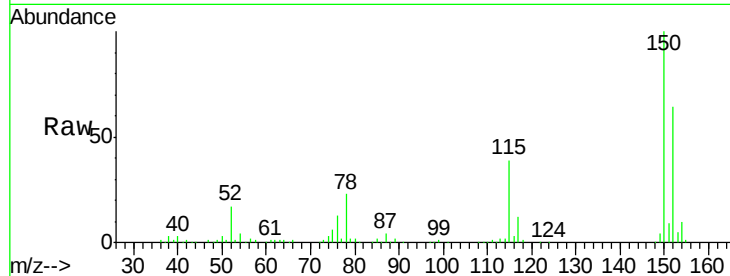


#1

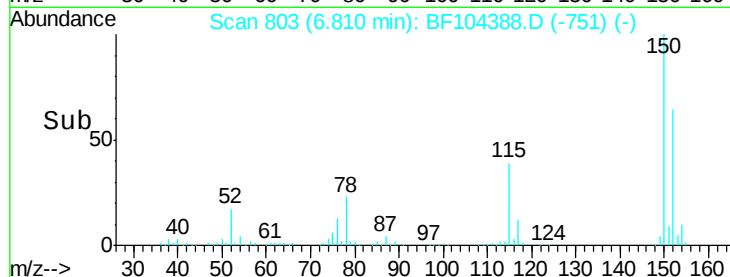
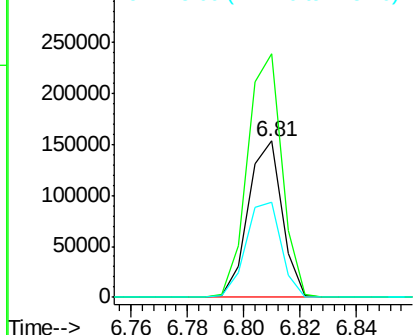
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104388.D
Acq: 9 Apr 2018 23:14

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Tot Ion:152 Resp: 127660
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.5 50.1 75.1



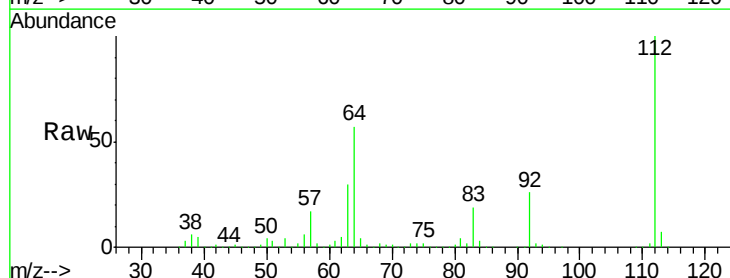
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



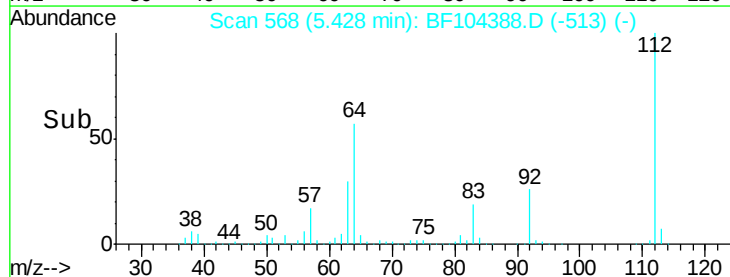
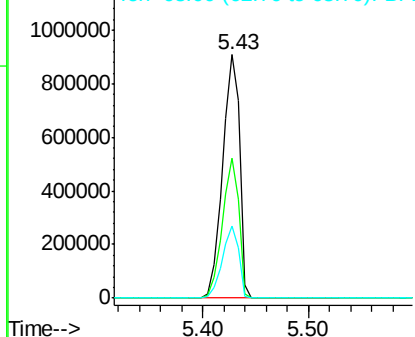
#5

2-Fluorophenol
Concen: 121.939 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104388.D
Acq: 9 Apr 2018 23:14

Tgt Ion:112 Resp: 1018063
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.7 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: 111.024 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104388.D

Acq: 9 Apr 2018 23:14

Instrument :

BNA_F

ClientSampleId :

OK-03-040618

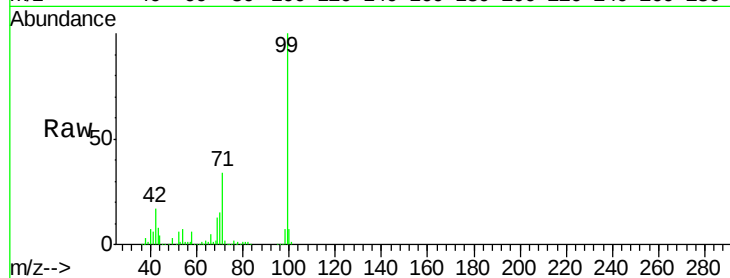
Tot Ion: 99 Resp: 1138902

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

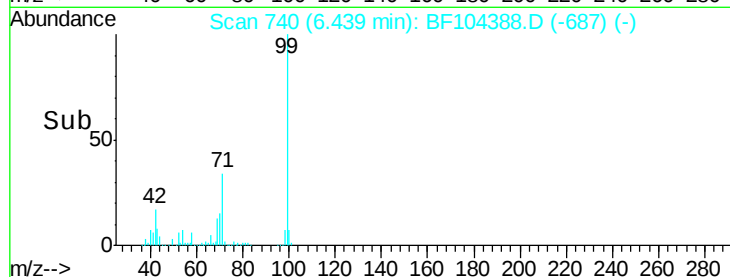
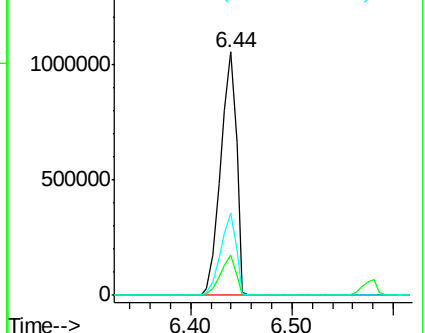
71 33.6 25.4 38.0



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# 1020

Delta R.T. -0.00 min

Lab File: BF104388.D

Acq: 9 Apr 2018 23:14

Tgt Ion: 136 Resp: 511359

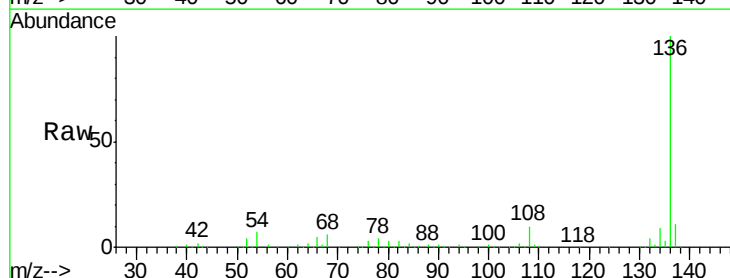
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.6 9.8

68 6.2 5.0 7.4

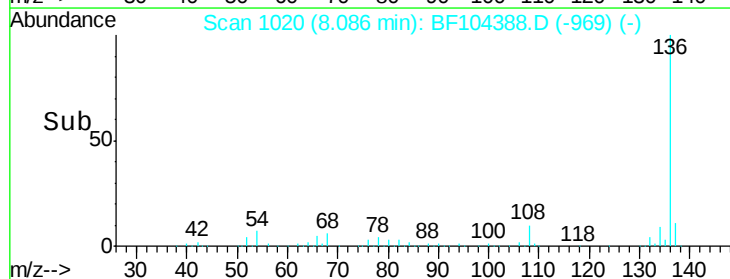
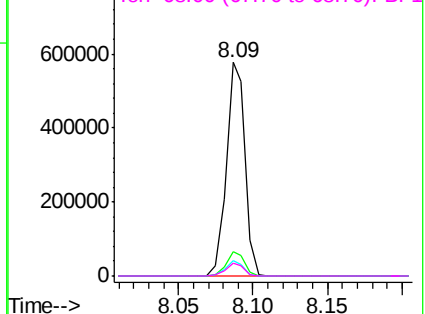


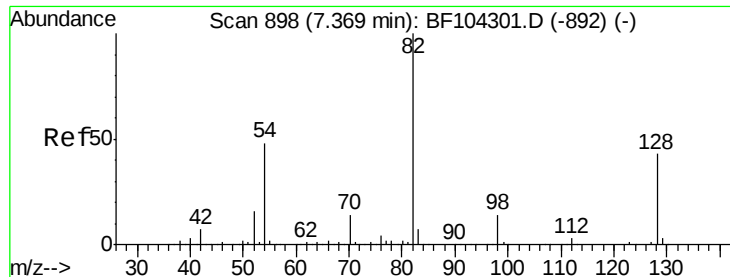
Abundance Ion 136.00 (135.70 to 136.70): E

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

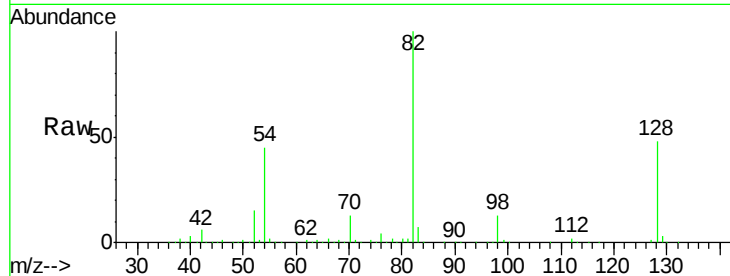




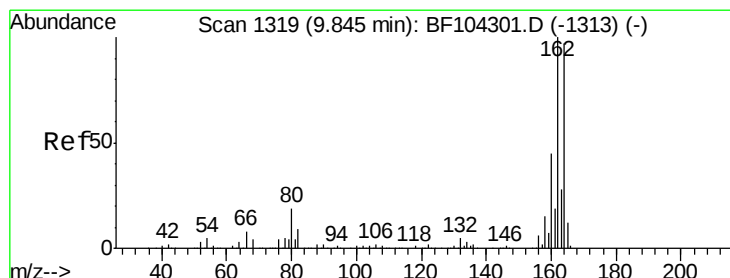
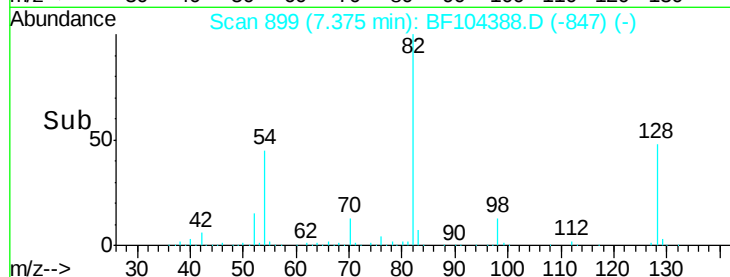
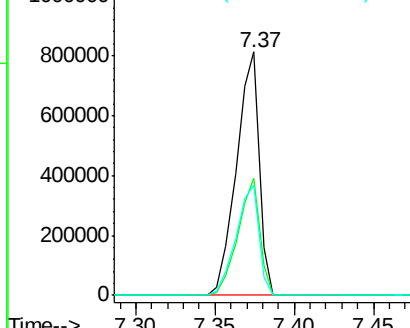
#23
 Nitrobenzene-d5
 Concen: 102.516 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104388.D
 Acq: 9 Apr 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040618

Tot Ion: 82 Resp: 802817
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 45.5 41.4 62.2

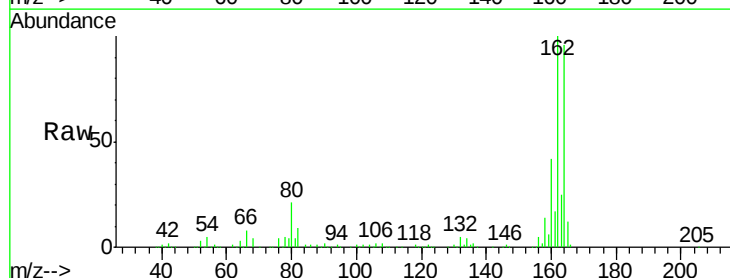


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

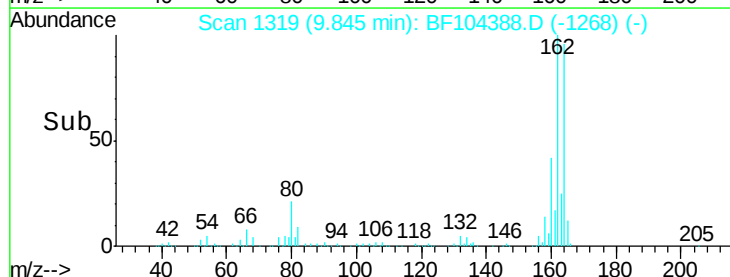
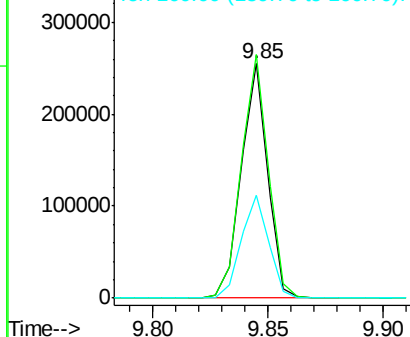


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104388.D
 Acq: 9 Apr 2018 23:14

Tgt Ion:164 Resp: 202779
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 44.0 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

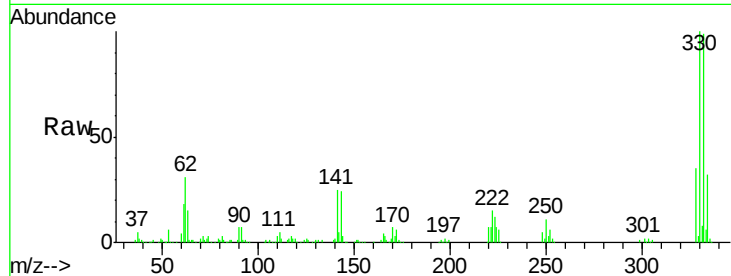




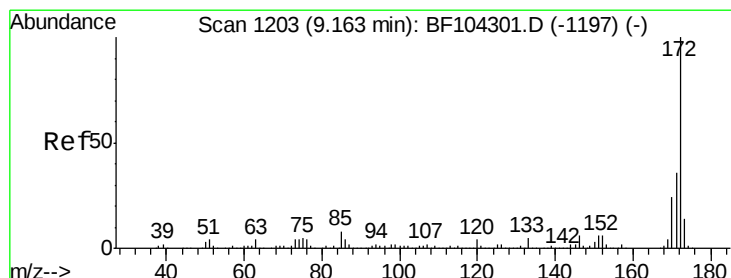
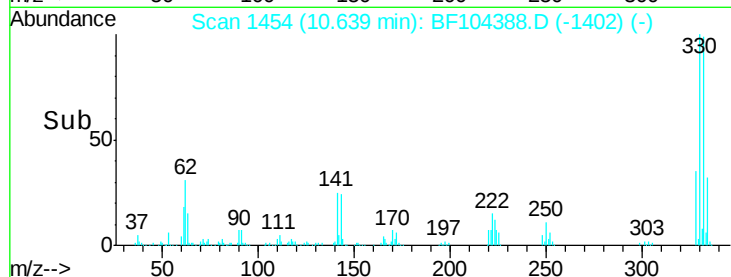
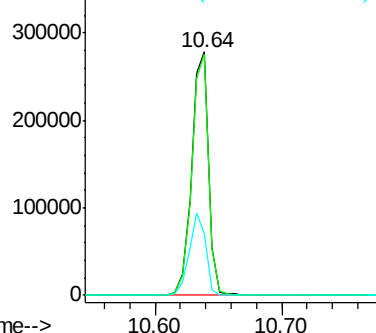
#41
 2,4,6-Tribromophenol
 Concen: 122.930 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104388.D
 Acq: 9 Apr 2018 23:14

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-040618

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.7	29.9	44.9

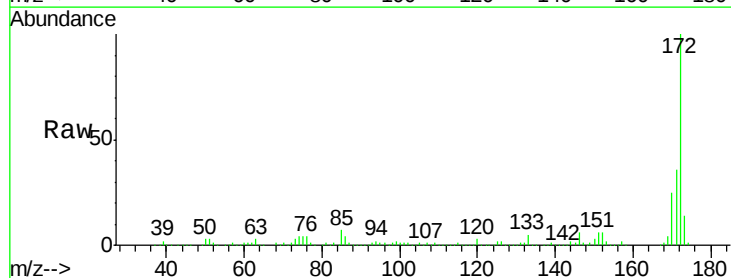


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

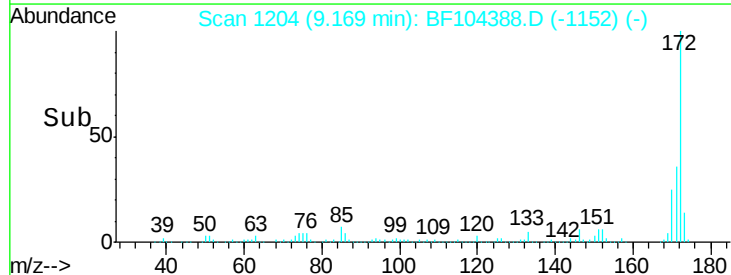
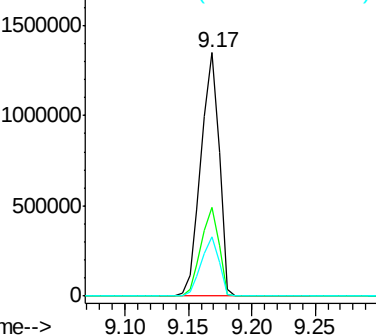


#44
 2-Fluorobiphenyl
 Concen: 104.282 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104388.D
 Acq: 9 Apr 2018 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	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

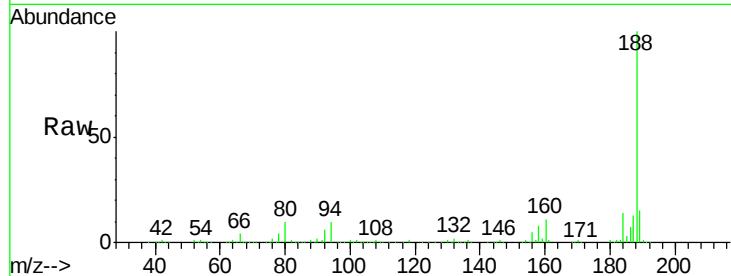




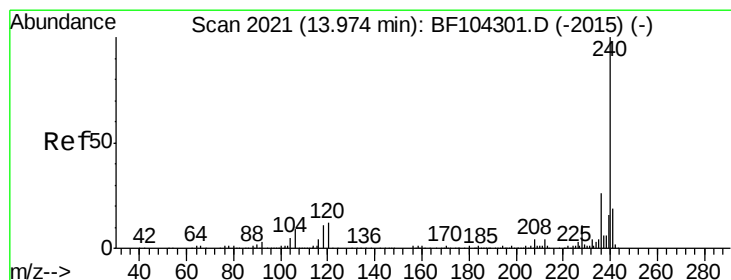
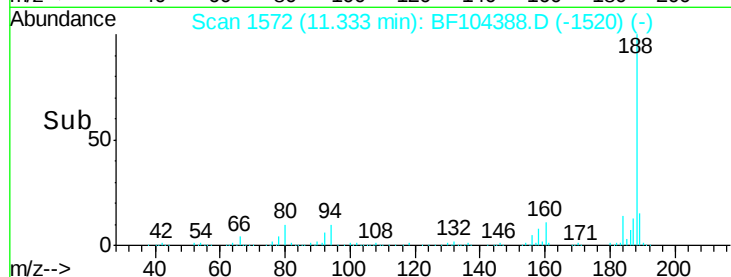
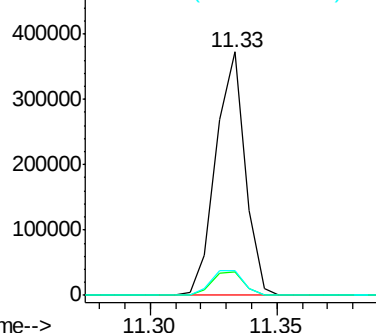
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104388.D
Acq: 9 Apr 2018 23:14

Instrument :
BNA_F
ClientSampleId :
OK-03-040618

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8

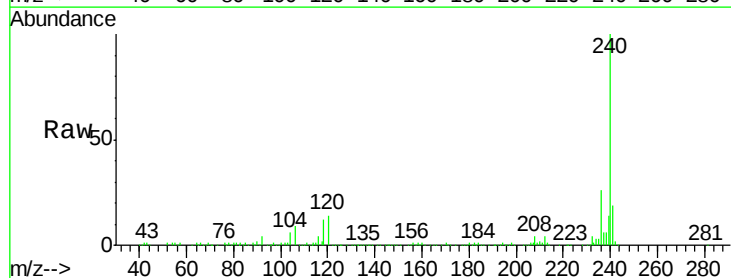


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

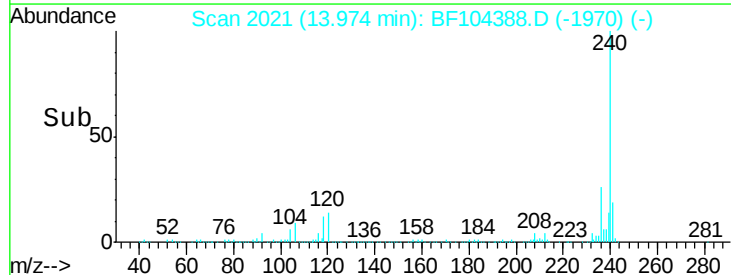
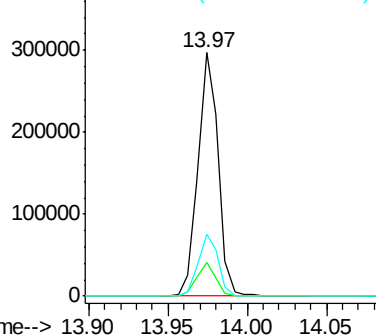


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104388.D
Acq: 9 Apr 2018 23:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.7	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: 90.567 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104388.D

Acq: 9 Apr 2018 23:14

Instrument :

BNA_F

ClientSampleId :

OK-03-040618

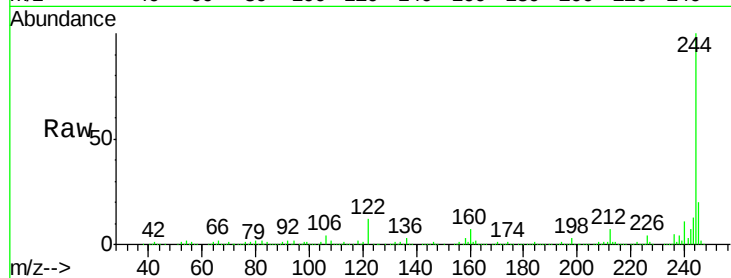
Tot Ion:244 Resp: 1033411

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

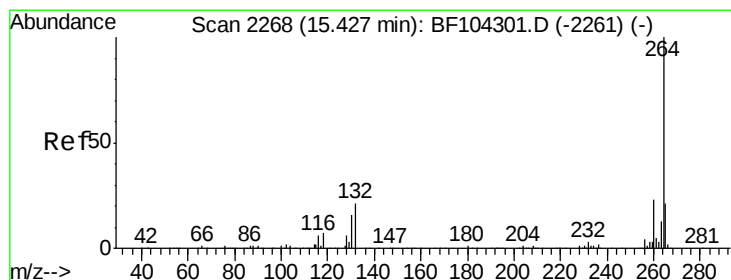
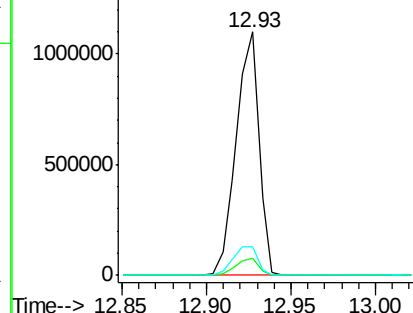
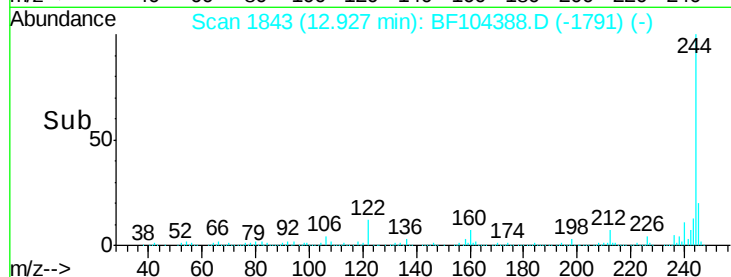
122 11.8 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF104388.D

Acq: 9 Apr 2018 23:14

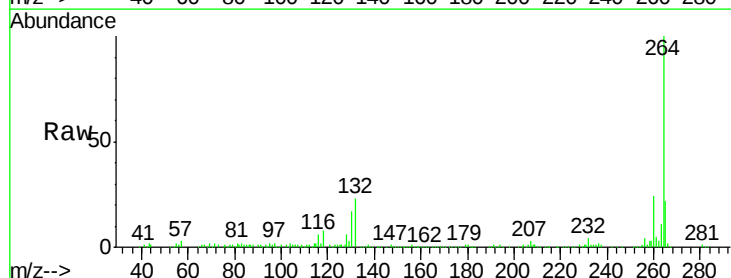
Tgt Ion:264 Resp: 189744

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 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

