

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104129.D
 Acq On : 2 Apr 2018 12:37
 Operator : JU/SJ
 Sample : J1761-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032818

Quant Time: Apr 02 13:56:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94705	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	396659	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	195544	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	390284	20.00	ng	0.00
75) Chrysene-d12	14.14	240	364908	20.00	ng	0.00
86) Perylene-d12	15.69	264	296043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	723518	121.83	ng	0.02
7) Phenol-d6	6.60	99	838053	114.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	651616	100.46	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	329169	151.18	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1266289	102.12	ng	0.00
78) Terphenyl-d14	13.08	244	1450679	91.79	ng	0.00

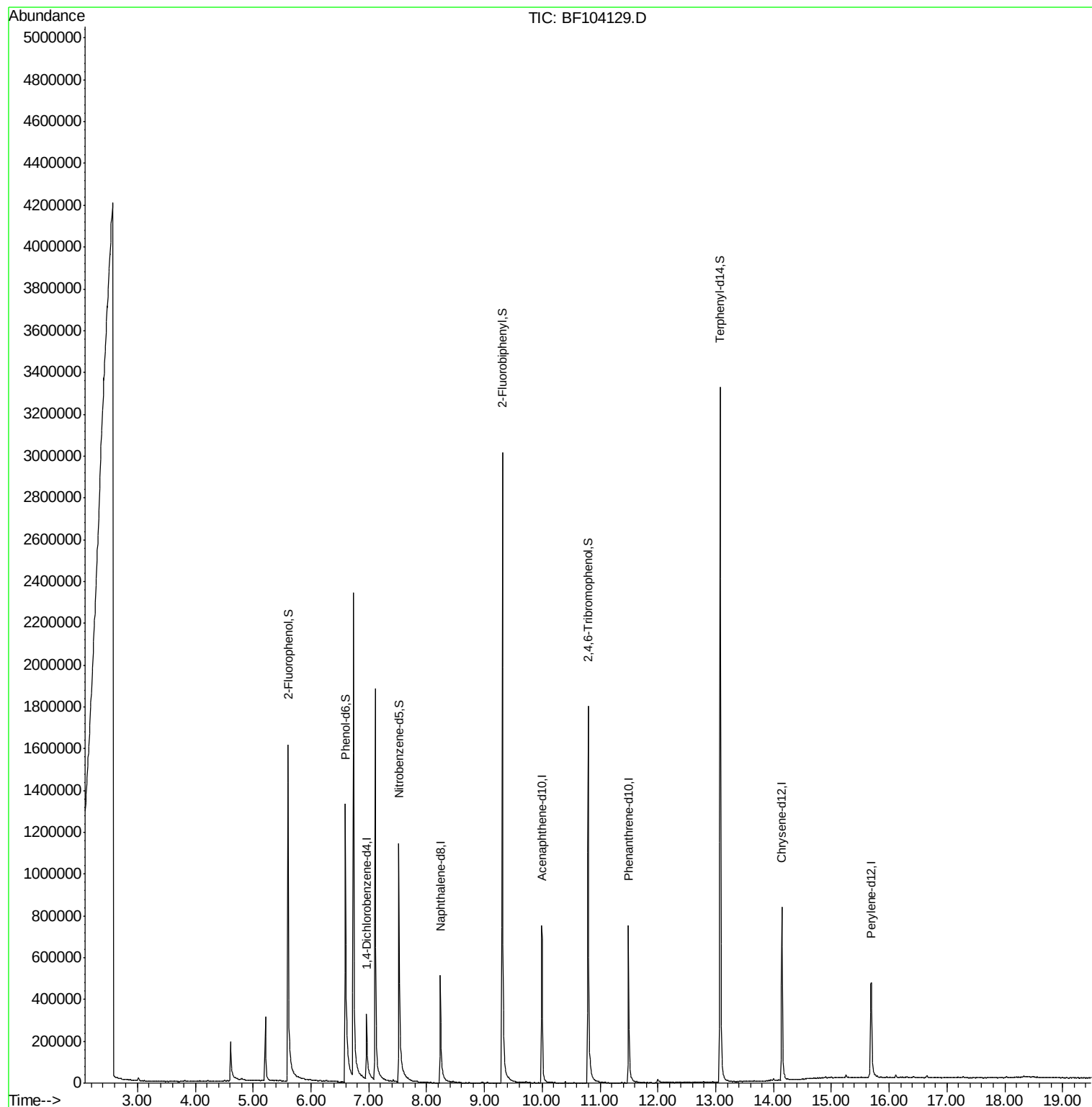
Target Compounds Qvalue

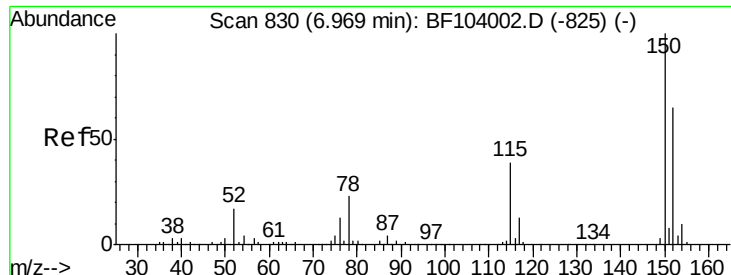
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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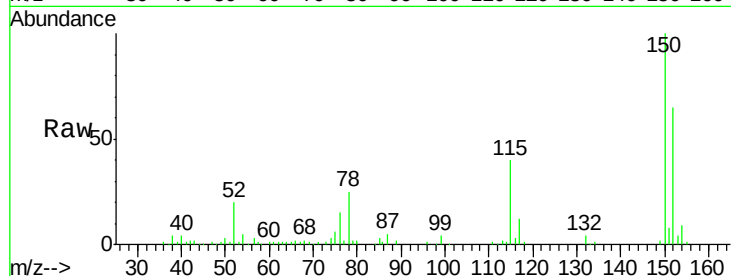


#1

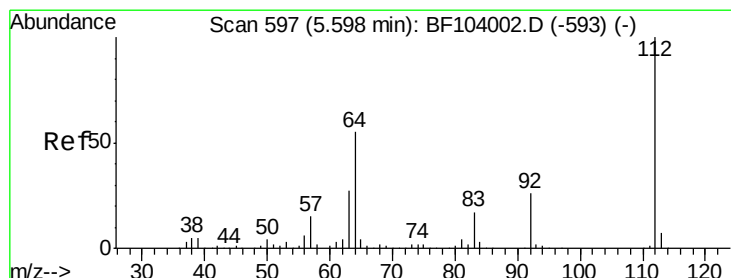
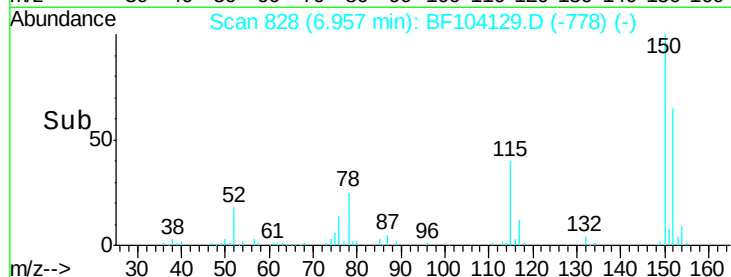
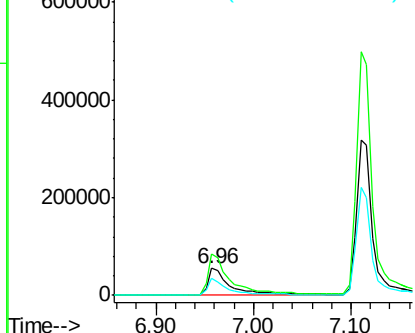
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032818

Tot Ion:152 Resp: 94705
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 61.6 50.1 75.1



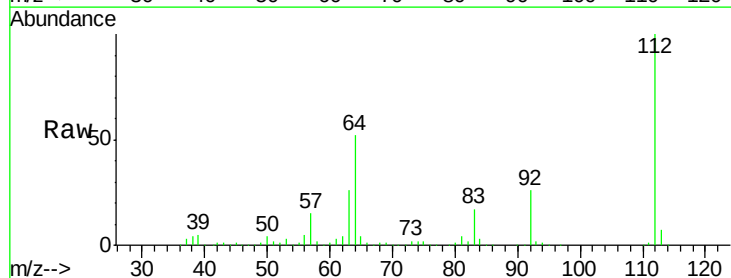
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



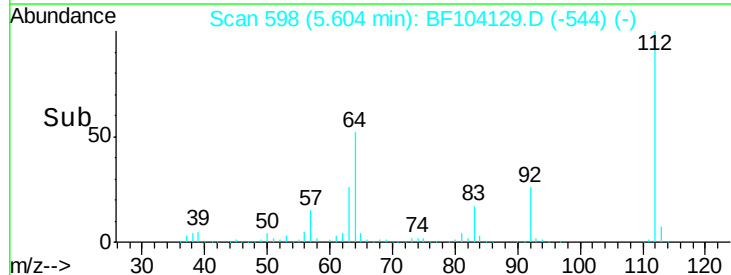
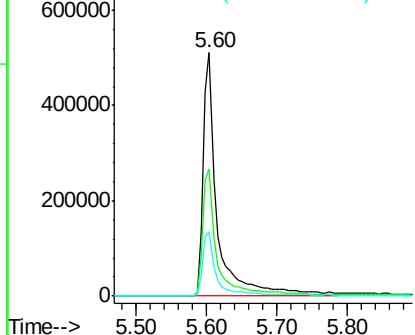
#5

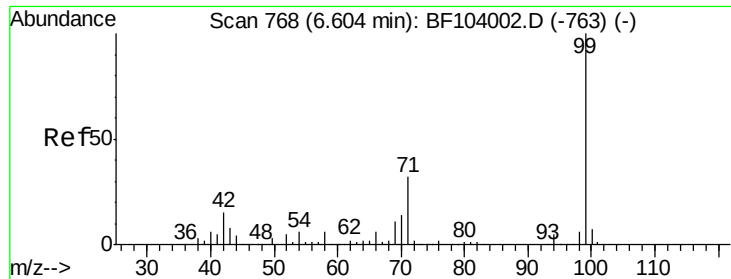
2-Fluorophenol
 Concen: 121.834 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.02 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Tgt Ion:112 Resp: 723518
 Ion Ratio Lower Upper
 112 100
 64 52.2 47.9 71.9
 63 26.4 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: 114.704 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

TR-04-032818

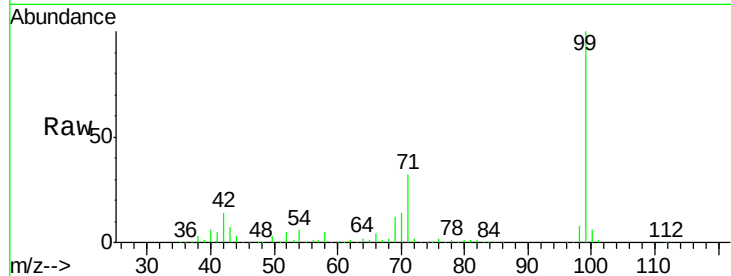
Tot Ion: 99 Resp: 838053

Ion Ratio Lower Upper

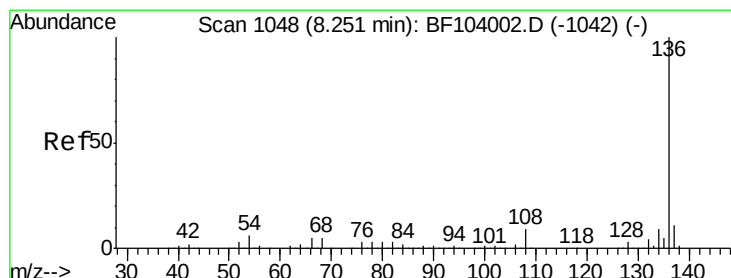
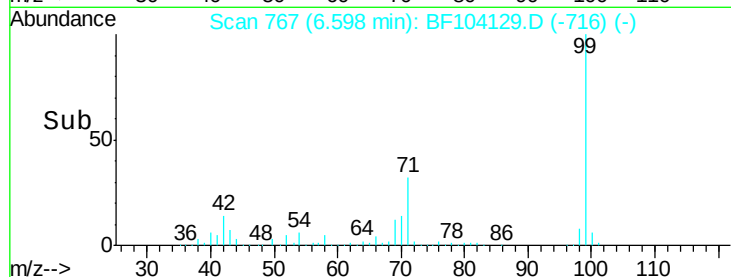
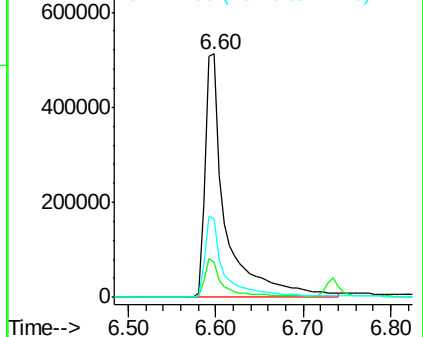
99 100

42 14.3 14.5 21.7#

71 32.3 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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Tgt Ion: 136 Resp: 396659

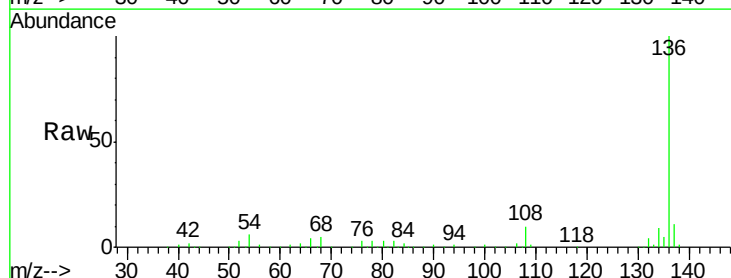
Ion Ratio Lower Upper

136 100

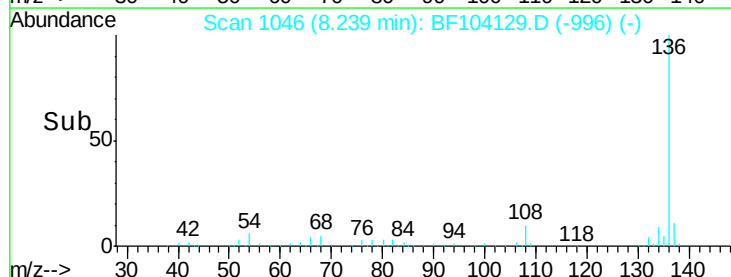
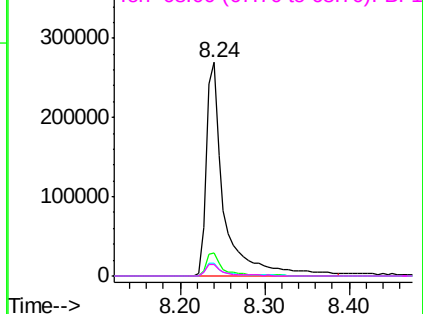
137 10.5 8.9 13.3

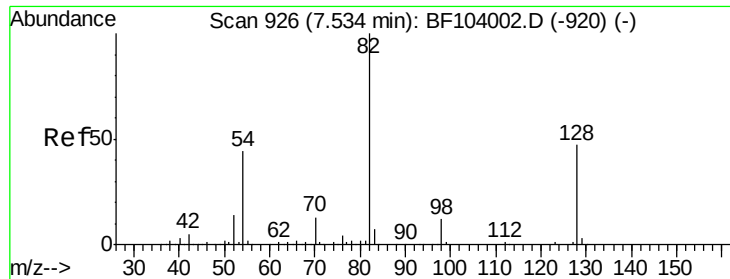
54 6.0 6.6 9.8#

68 5.4 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

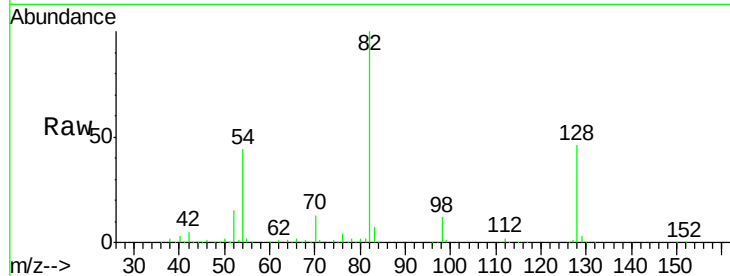




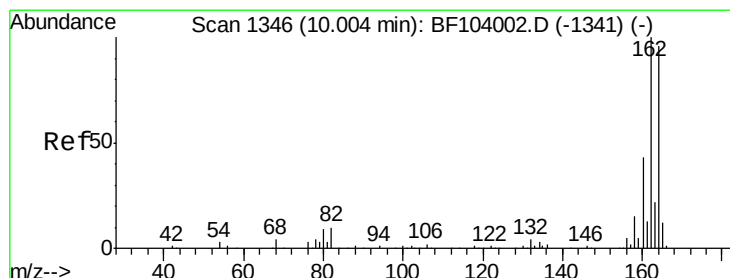
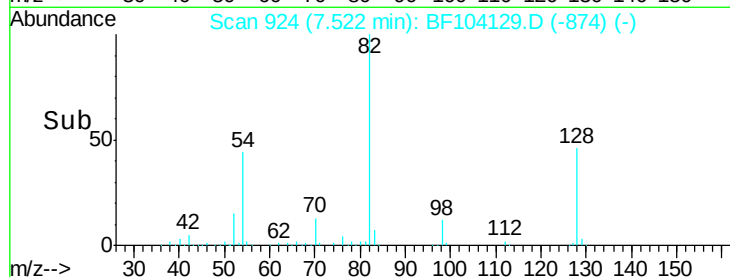
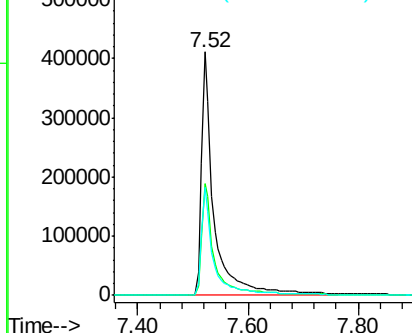
#23
 Nitrobenzene-d5
 Concen: 100.464 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032818

Tot Ion: 82 Resp: 651616
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 44.3 41.4 62.2

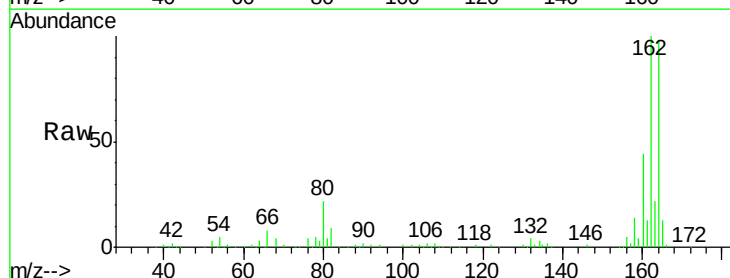


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

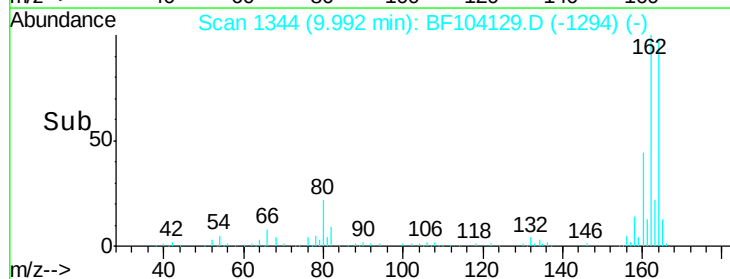
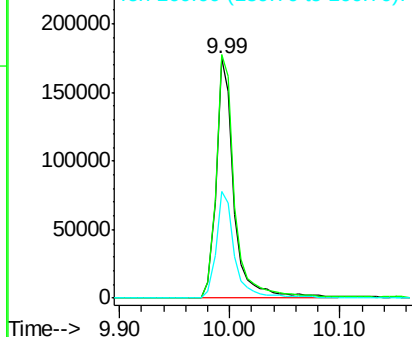


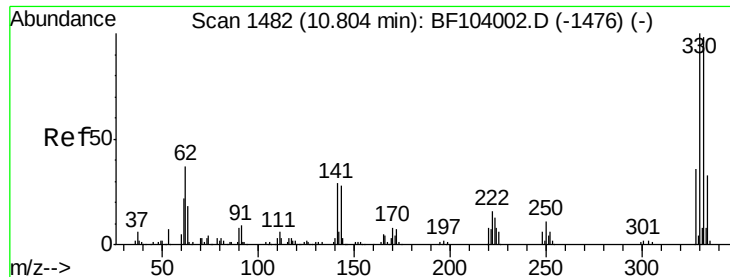
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Tgt Ion: 164 Resp: 195544
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 44.4 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

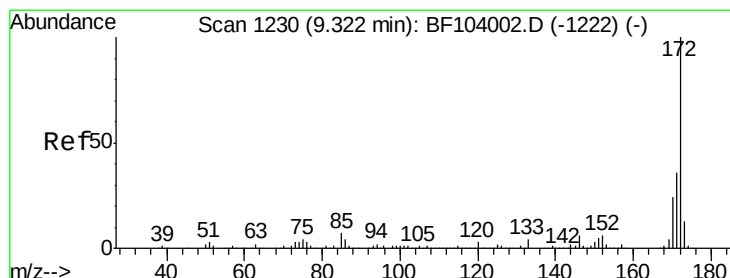
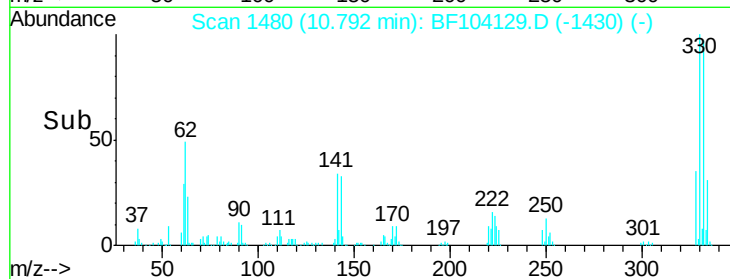
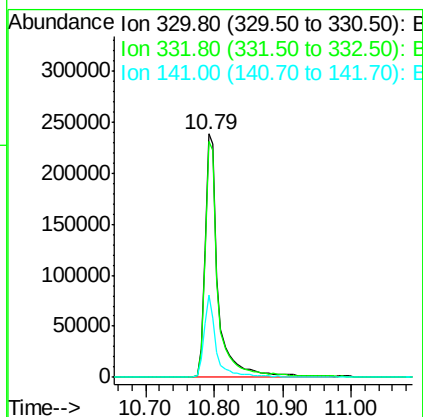
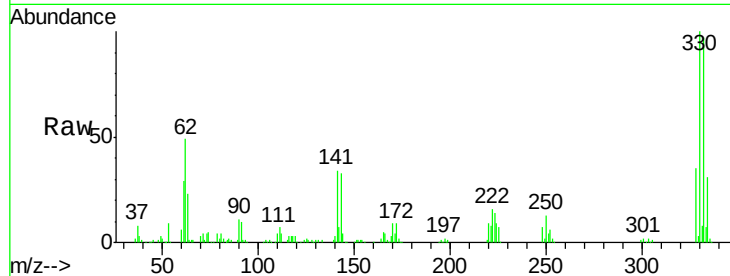




#41
 2,4,6-Tribromophenol
 Concen: 151.176 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

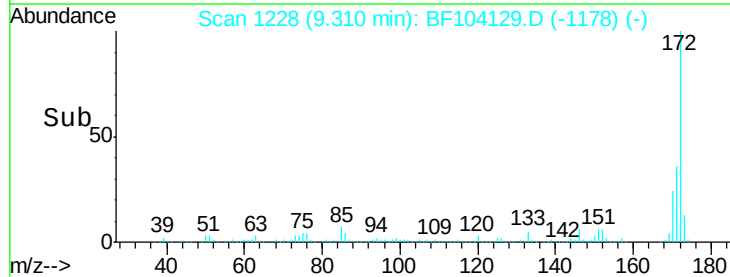
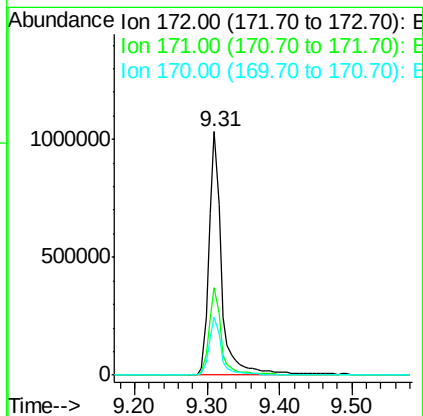
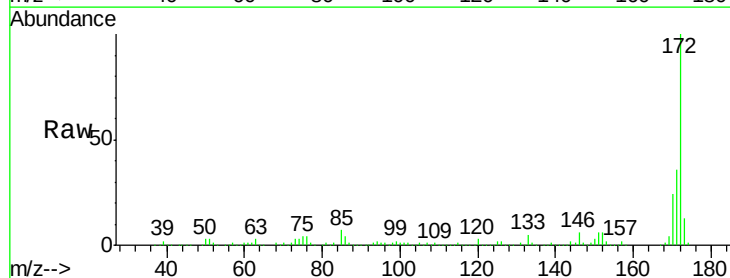
Instrument :
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 ClientSampleId :
 TR-04-032818

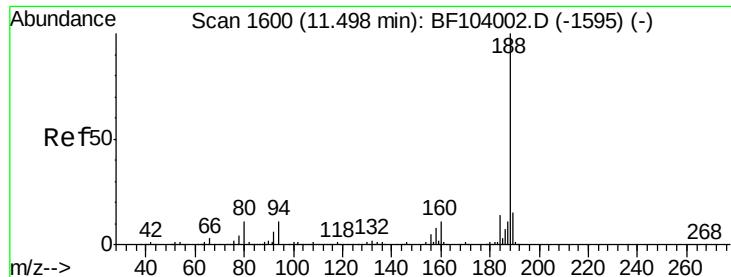
Tot Ion:330 Resp: 329169
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 102.117 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104129.D
 Acq: 2 Apr 2018 12:37

Tgt Ion:172 Resp: 1266289
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 19.6 29.4

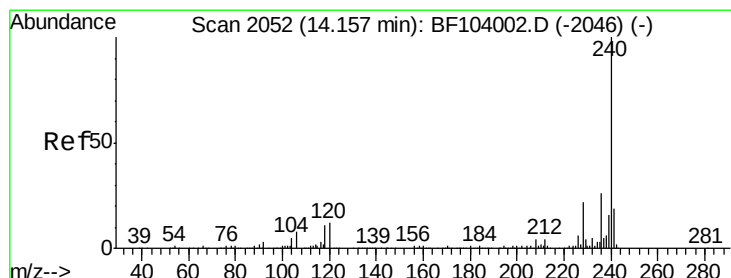
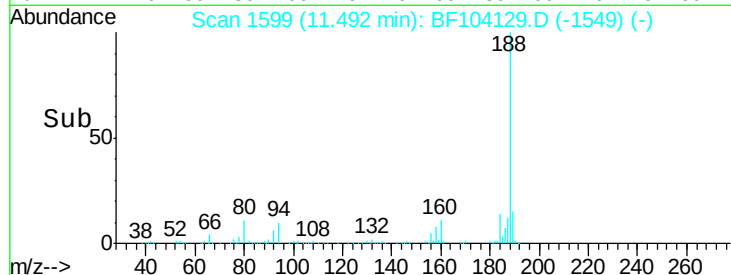
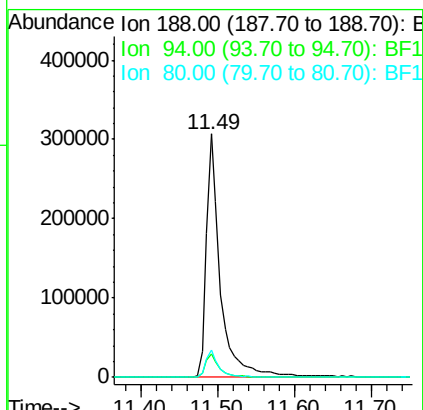
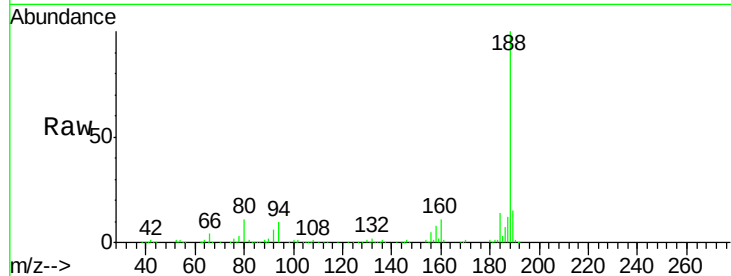




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

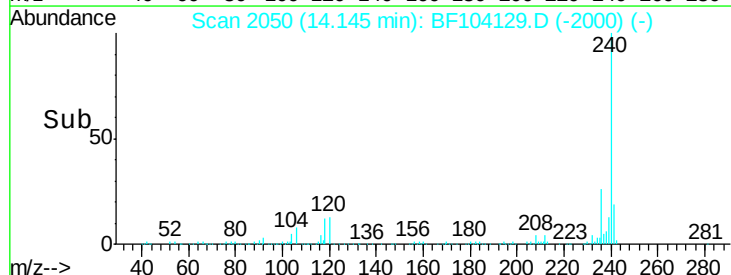
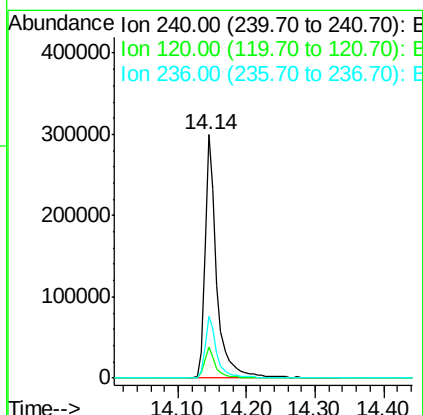
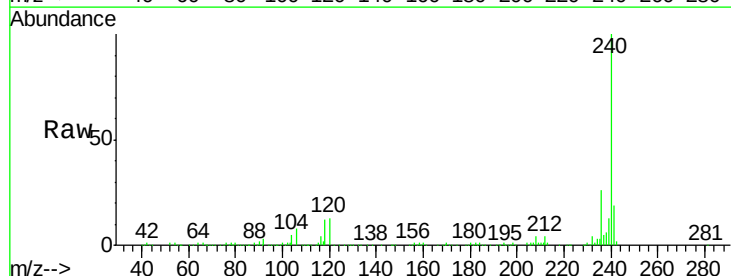
Instrument :
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ClientSampleId :
TR-04-032818

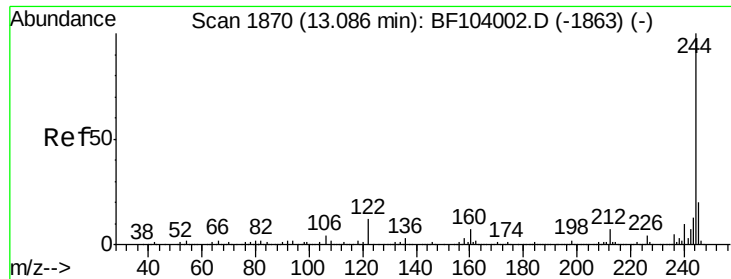
Tot Ion:188 Resp: 390284
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF104129.D
Acq: 2 Apr 2018 12:37

Tgt Ion:240 Resp: 364908
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 91.792 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

Instrument :

BNA_F

ClientSampleId :

TR-04-032818

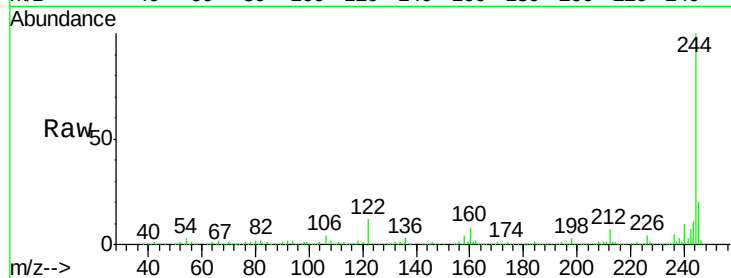
Tot Ion:244 Resp: 1450679

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

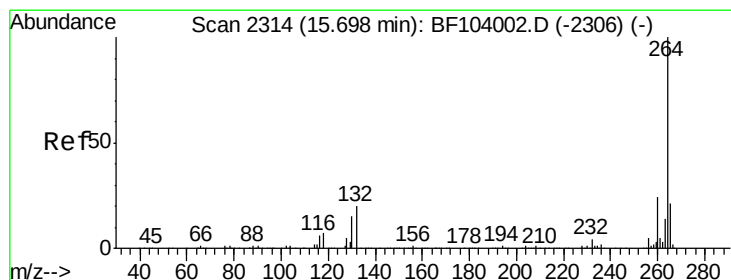
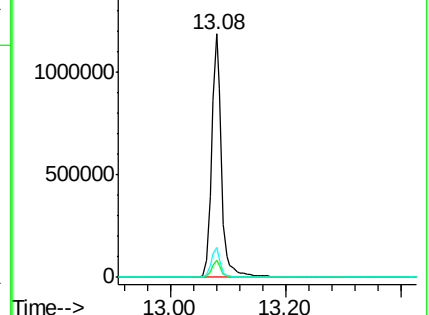
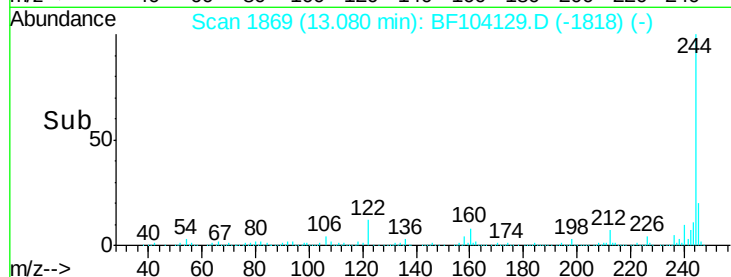
122 12.2 11.0 16.4



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: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF104129.D

Acq: 2 Apr 2018 12:37

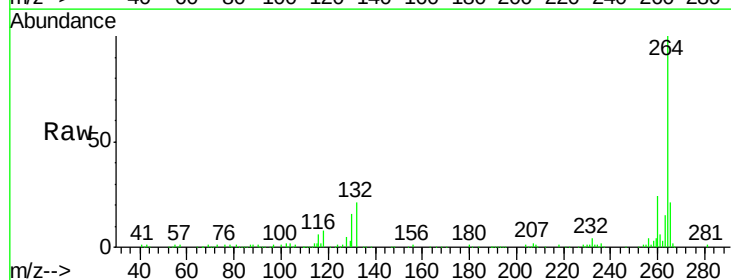
Tgt Ion:264 Resp: 296043

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.6 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

