

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104407.D
 Acq On : 10 Apr 2018 14:34
 Operator : JU/SJ
 Sample : J2278-01 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Quant Time: Apr 10 15:15:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	107238	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384500	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	141931	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	240257	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272098	20.00	ng	-0.01
86) Perylene-d12	15.44	264	213179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	11426	1.63	ng	0.00
7) Phenol-d6	6.42	99	13047	1.51	ng	-0.02
23) Nitrobenzene-d5	7.36	82	6995	1.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	2070	1.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	13345	1.49	ng	0.00
78) Terphenyl-d14	12.92	244	16209	1.36	ng	-0.01

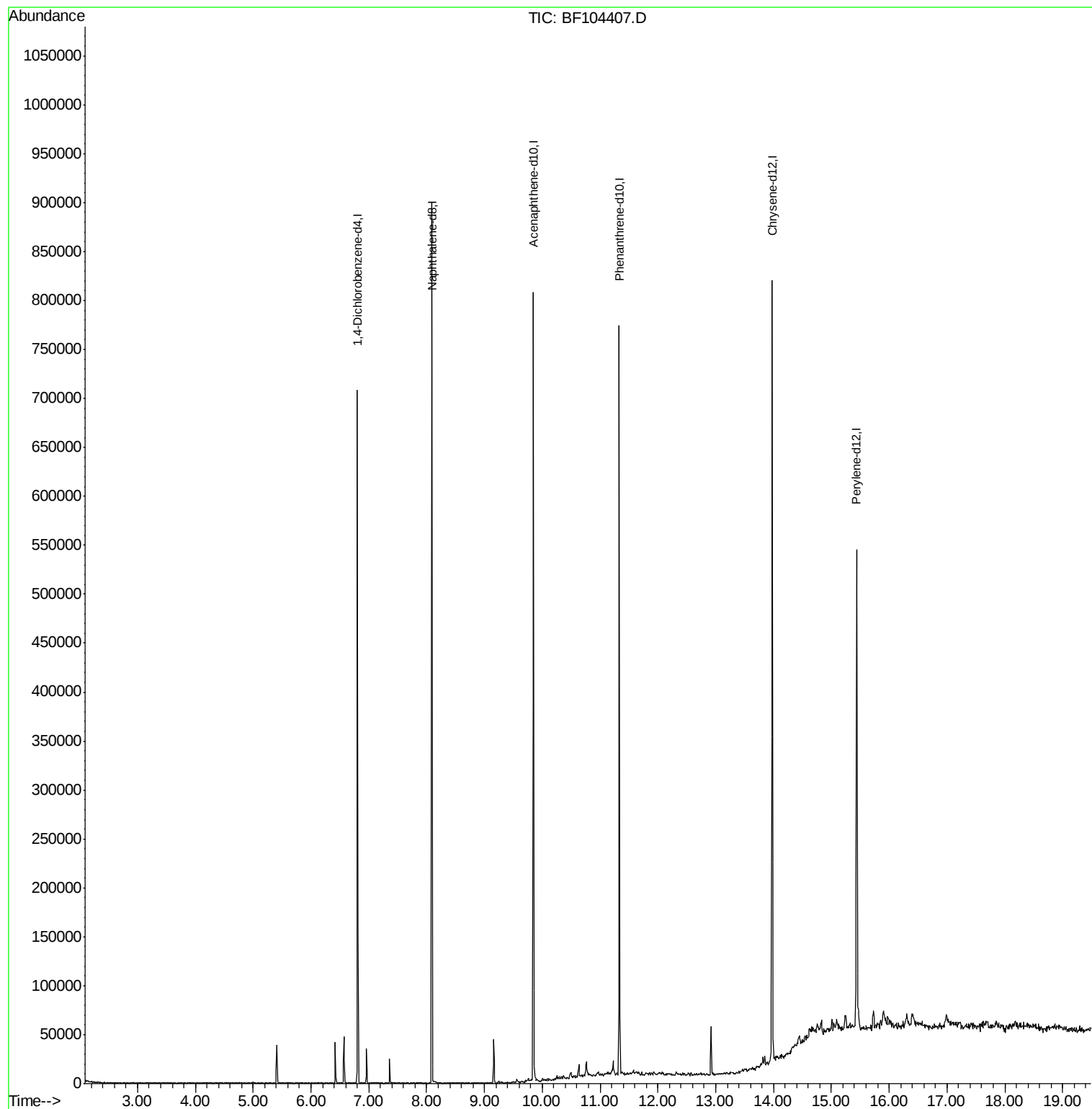
Target Compounds Qvalue

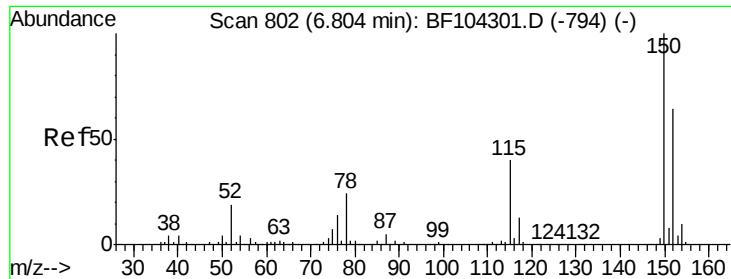
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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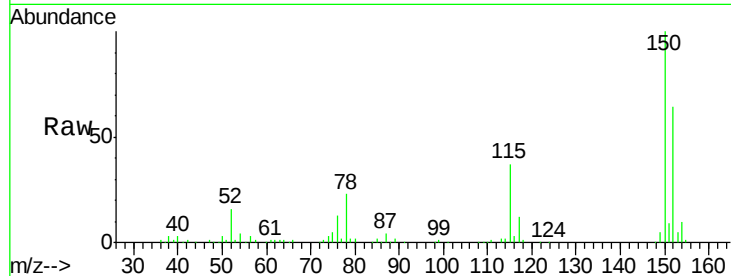


#1

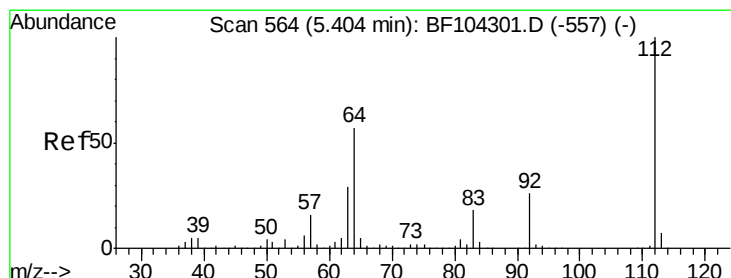
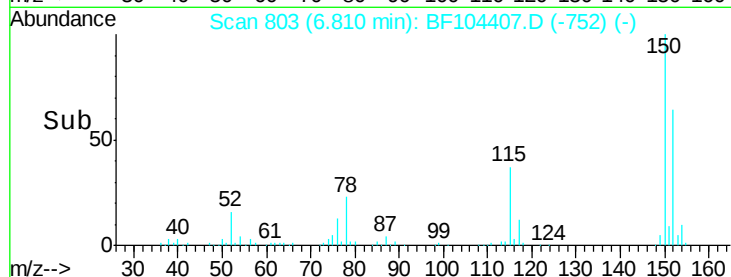
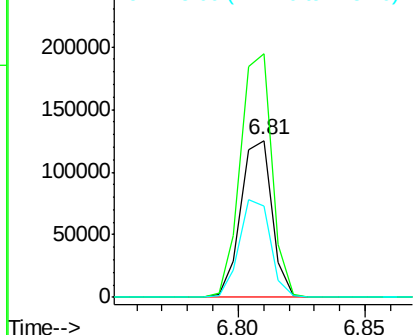
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104407.D
Acq: 10 Apr 2018 14:34

Instrument :
BNA_F
ClientSampleId :
DRUM-2-3-6-8-9-11-13

Tot Ion:152 Resp: 107238
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.1 50.1 75.1



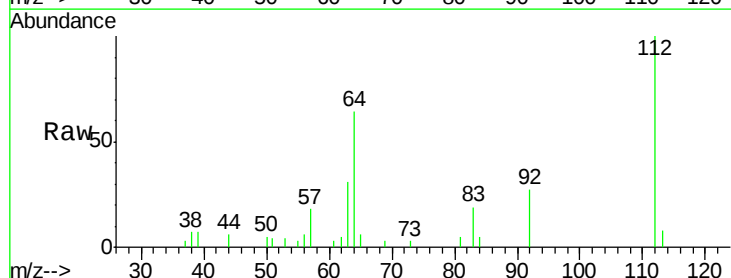
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



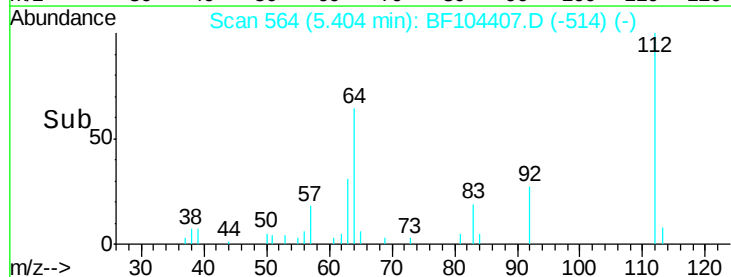
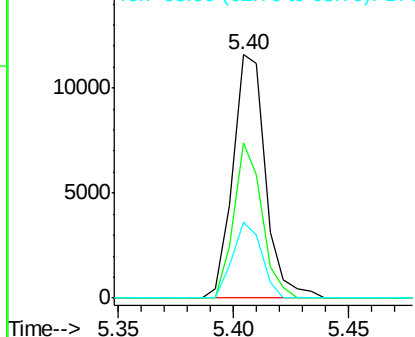
#5

2-Fluorophenol
Concen: 1.629 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF104407.D
Acq: 10 Apr 2018 14:34

Tgt Ion:112 Resp: 11426
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 31.0 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: 1.514 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104407.D

Acq: 10 Apr 2018 14:34

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

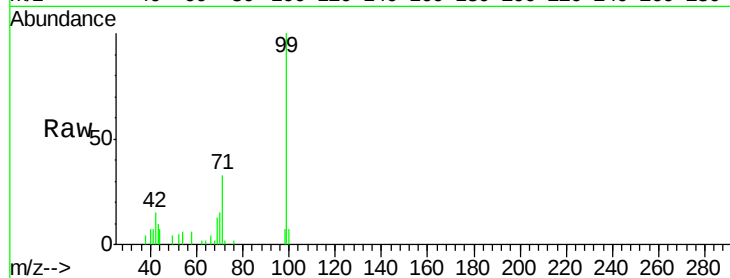
Tot Ion: 99 Resp: 13047

Ion Ratio Lower Upper

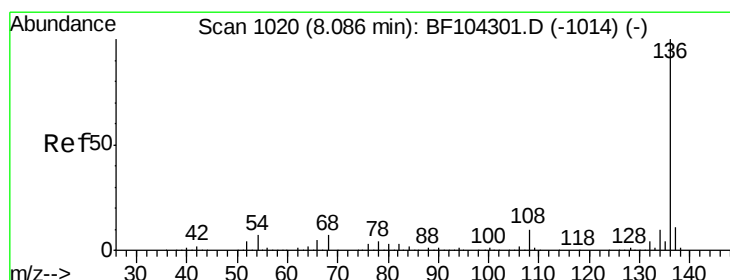
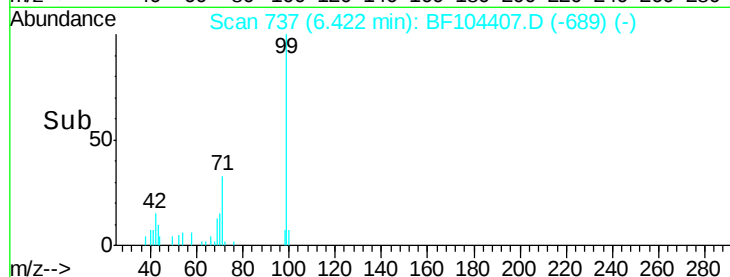
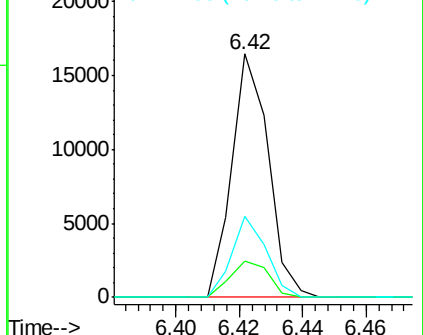
99 100

42 15.1 14.5 21.7

71 33.2 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# 1021

Delta R.T. -0.00 min

Lab File: BF104407.D

Acq: 10 Apr 2018 14:34

Tgt Ion: 136 Resp: 384500

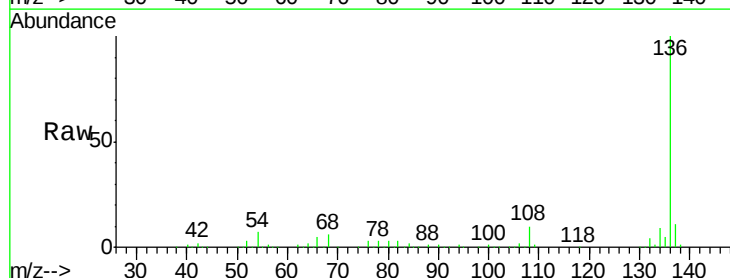
Ion Ratio Lower Upper

136 100

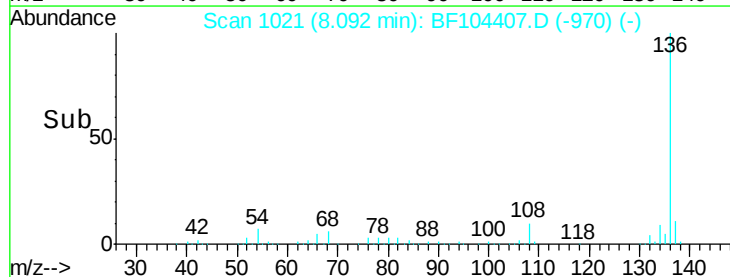
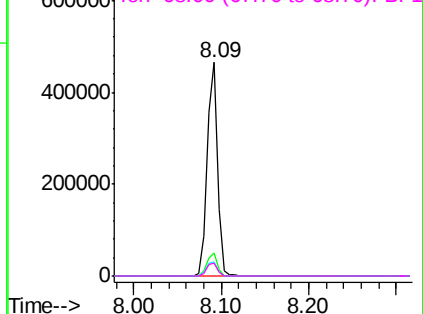
137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 5.9 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

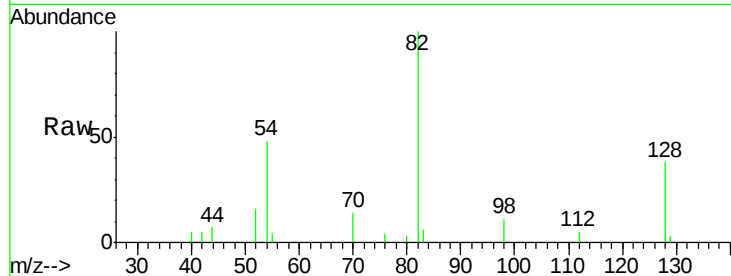




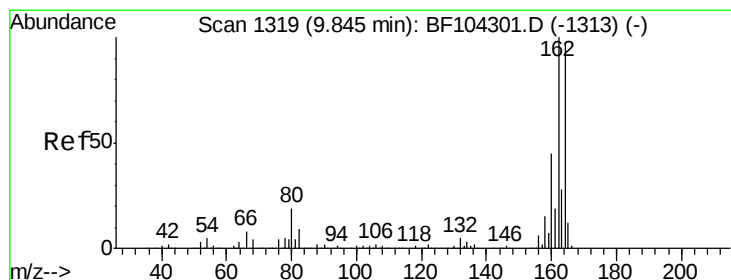
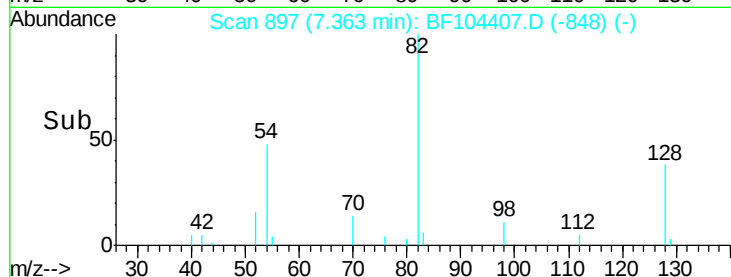
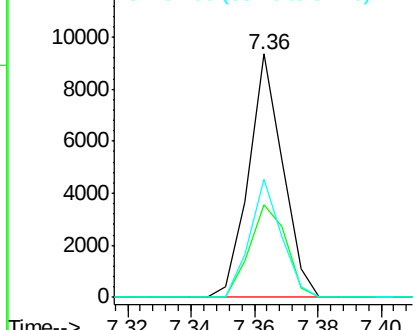
#23
Nitrobenzene-d5
Concen: 1.188 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104407.D
Acq: 10 Apr 2018 14:34

Instrument :
BNA_F
ClientSampleId :
DRUM-2-3-6-8-9-11-13

Tot Ion: 82 Resp: 6995
Ion Ratio Lower Upper
82 100
128 37.9 36.1 54.1
54 48.3 41.4 62.2

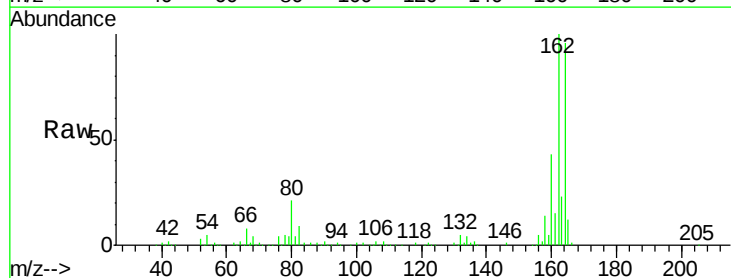


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

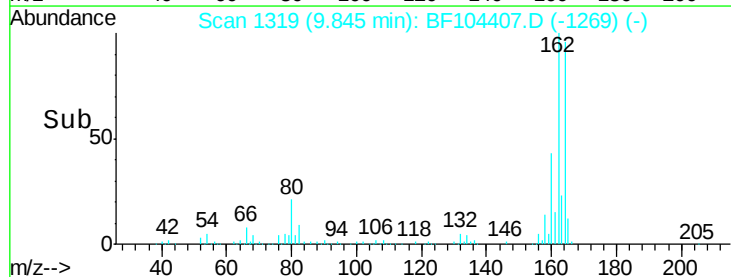
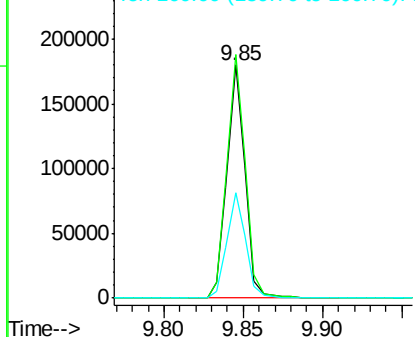


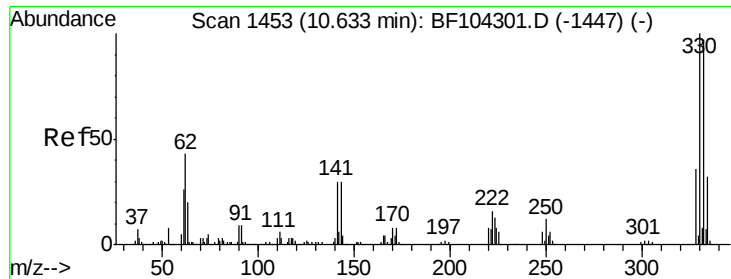
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104407.D
Acq: 10 Apr 2018 14:34

Tgt Ion:164 Resp: 141931
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.1 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

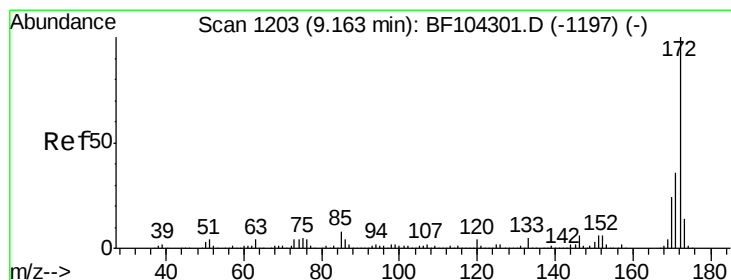
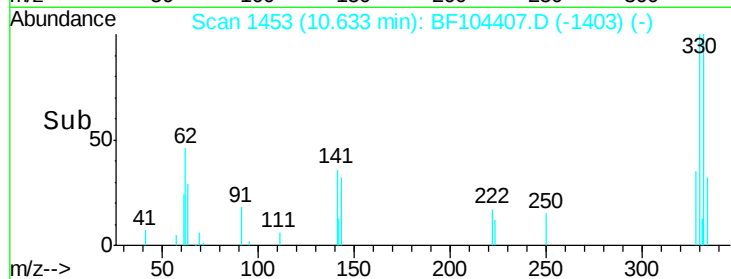
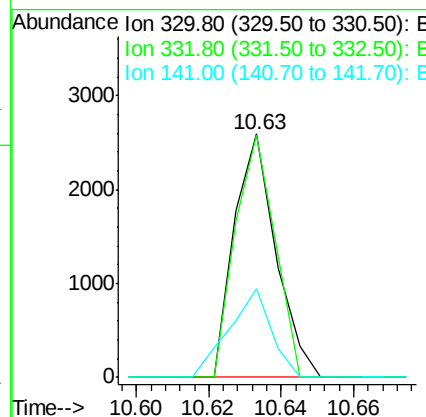
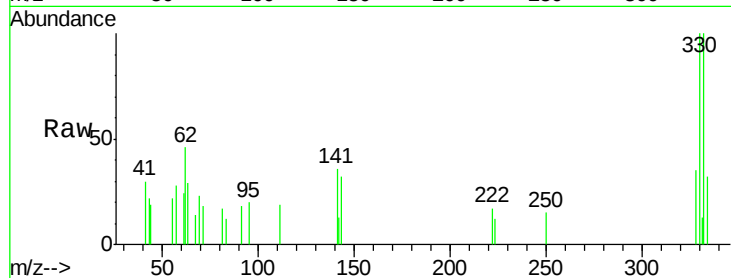




#41
 2,4,6-Tribromophenol
 Concen: 1.406 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104407.D
 Acq: 10 Apr 2018 14:34

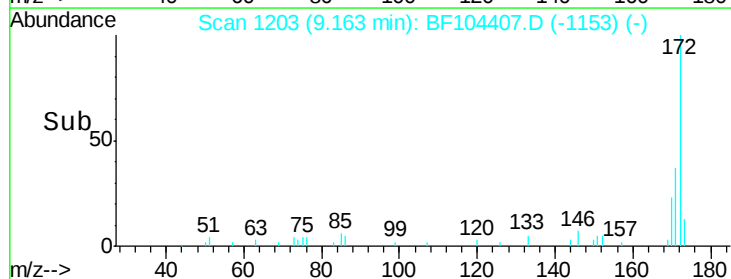
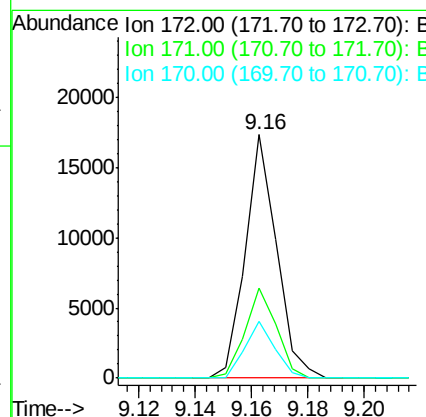
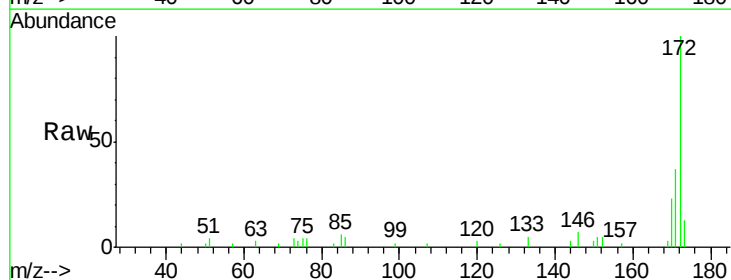
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

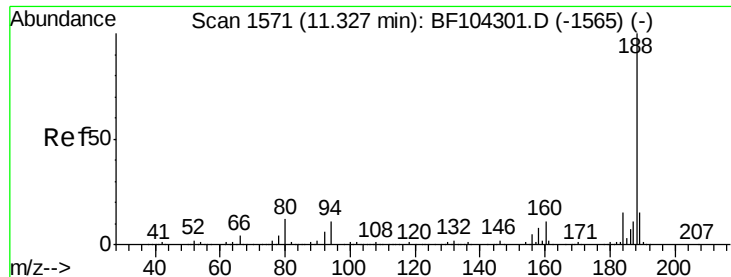
Tot Ion:330 Resp: 2070
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 37.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 1.485 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104407.D
 Acq: 10 Apr 2018 14:34

Tgt Ion:172 Resp: 13345
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 23.4 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104407.D

Acq: 10 Apr 2018 14:34

Instrument :

BNA_F

ClientSampleId :

DRUM-2-3-6-8-9-11-13

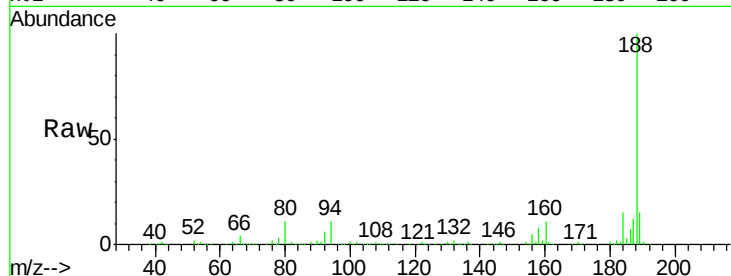
Tot Ion:188 Resp: 240257

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

80 11.5 9.2 13.8

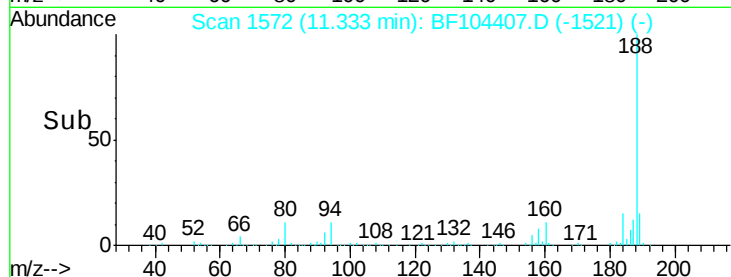


Abundance Ion 188.00 (187.70 to 188.70): E

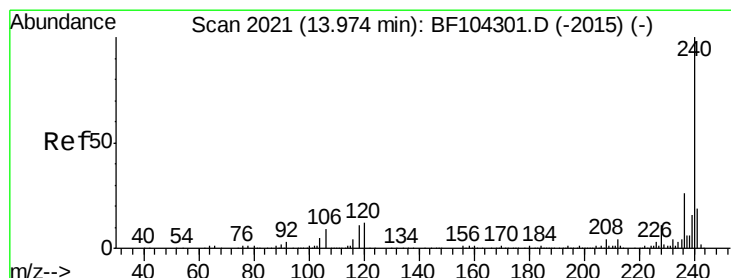
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104407.D

Acq: 10 Apr 2018 14:34

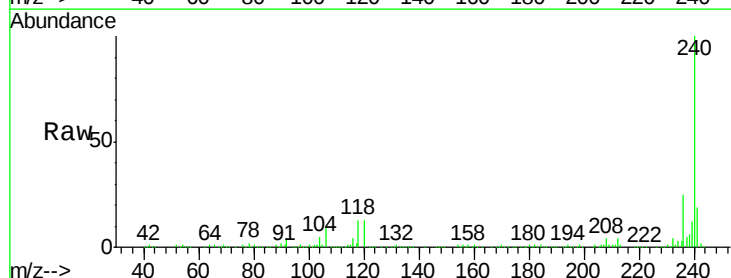
Tgt Ion:240 Resp: 272098

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

236 25.2 20.7 31.1

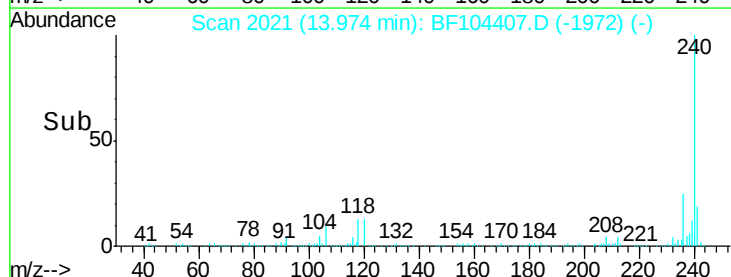


Abundance Ion 240.00 (239.70 to 240.70): E

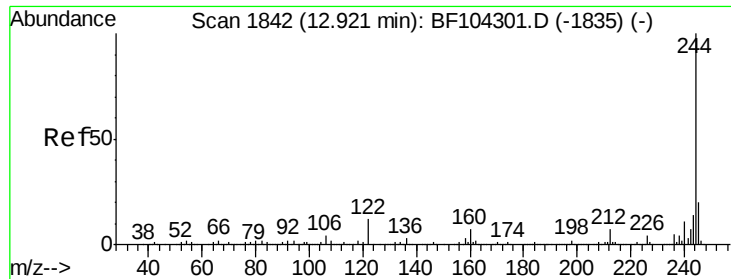
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



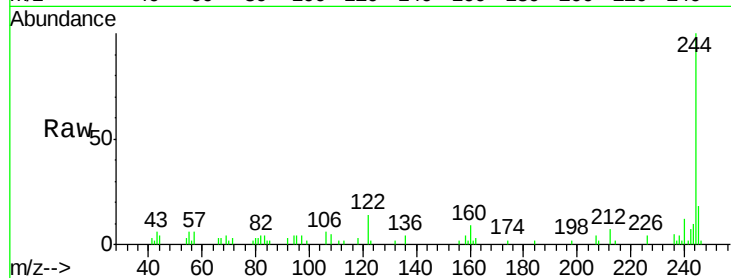
Time-->



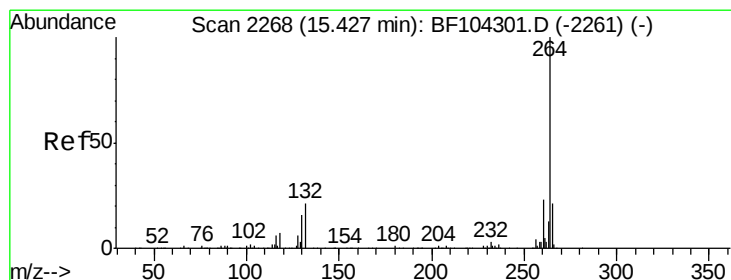
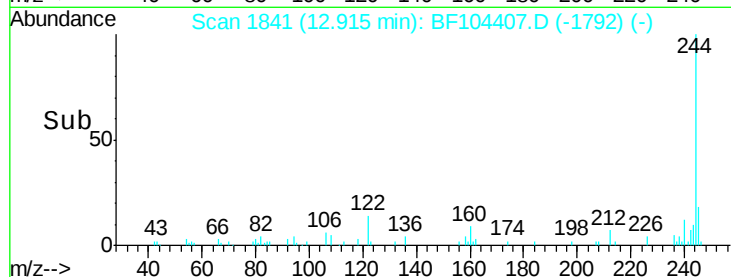
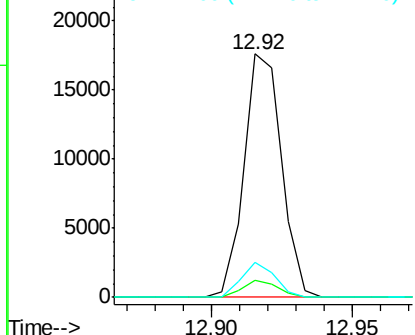
#78
 Terphenyl-d14
 Concen: 1.358 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104407.D
 Acq: 10 Apr 2018 14:34

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Tot Ion:244 Resp: 16209
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4

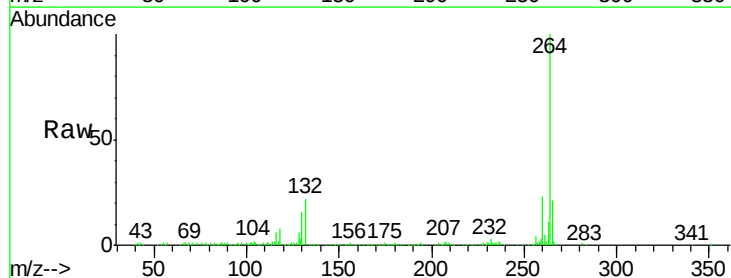


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104407.D
 Acq: 10 Apr 2018 14:34

Tgt Ion:264 Resp: 213179
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.9 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

