

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104327.D
 Acq On : 7 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2257-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LP-OILY-STONE

Quant Time: Apr 07 02:25:31 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	134696	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	536265	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	230843	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	334920	20.00	ng	0.00
75) Chrysene-d12	13.97	240	264638	20.00	ng	0.00
86) Perylene-d12	15.43	264	240775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	123298	14.00	ng	0.00
7) Phenol-d6	6.42	99	153932	14.22	ng	-0.01
23) Nitrobenzene-d5	7.36	82	76105	9.27	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	26172	10.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	149050	10.20	ng	0.00
78) Terphenyl-d14	12.92	244	92014	7.93	ng	0.00

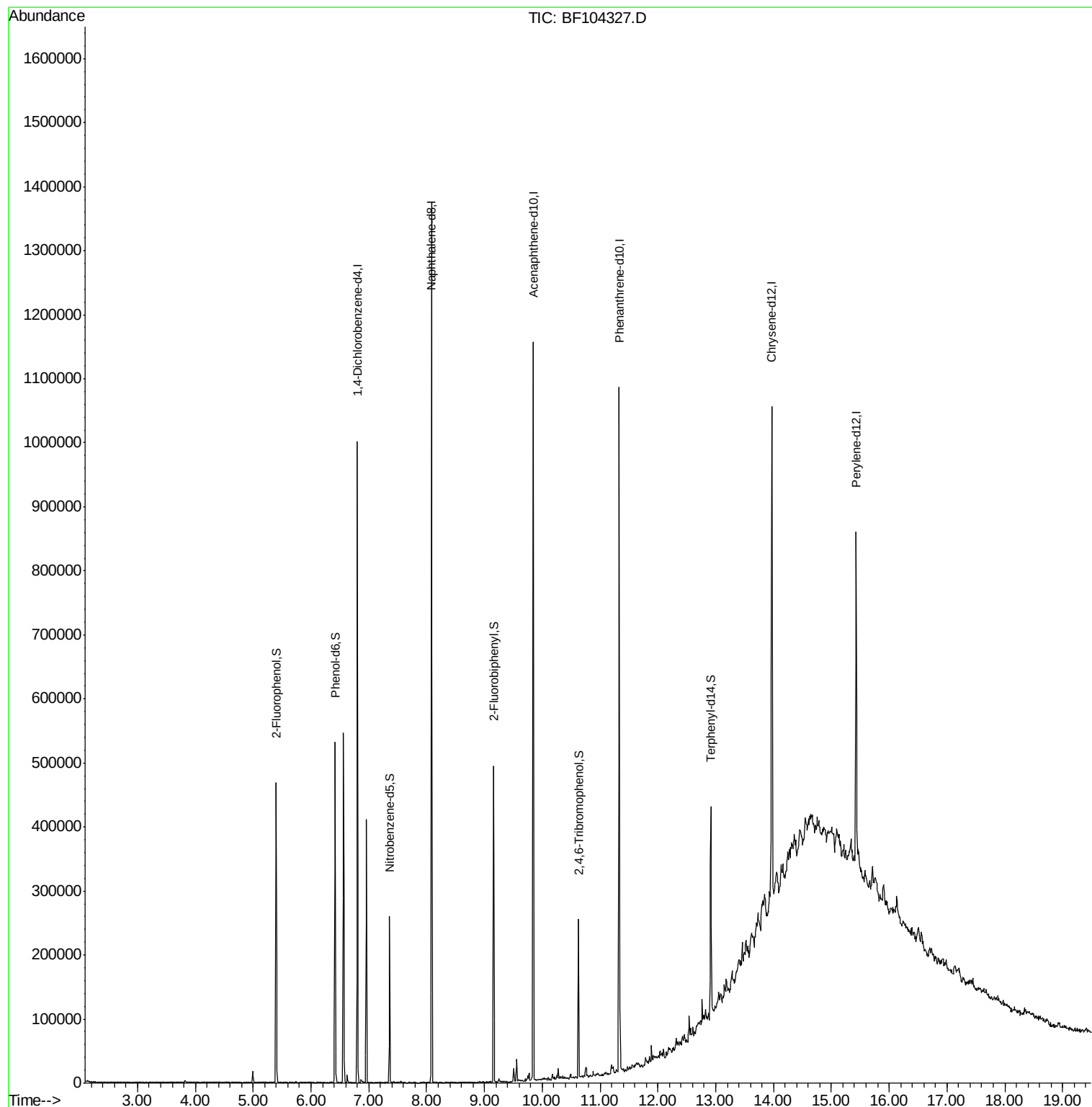
Target Compounds Qvalue

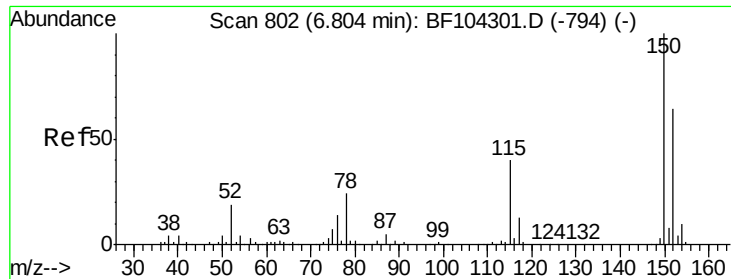
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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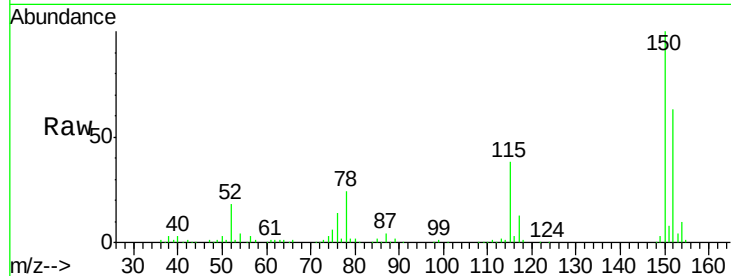


#1

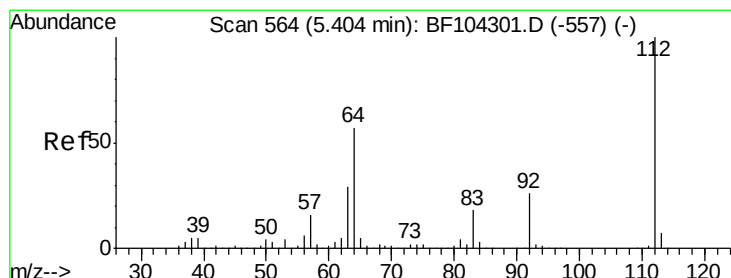
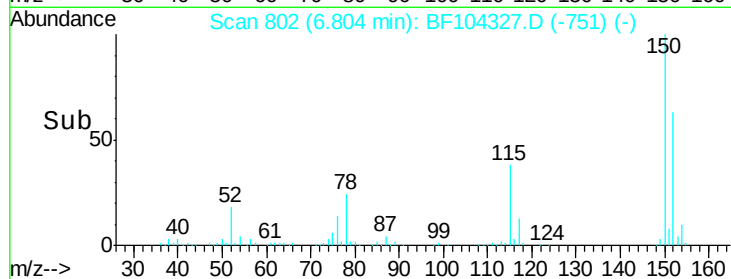
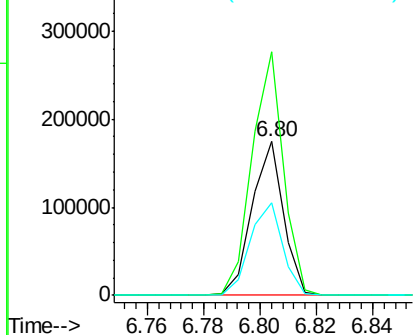
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 LP-OILY-STONE

Tot Ion:152 Resp: 134696
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 60.5 50.1 75.1



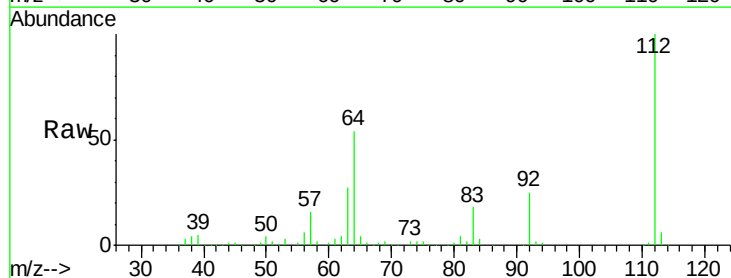
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



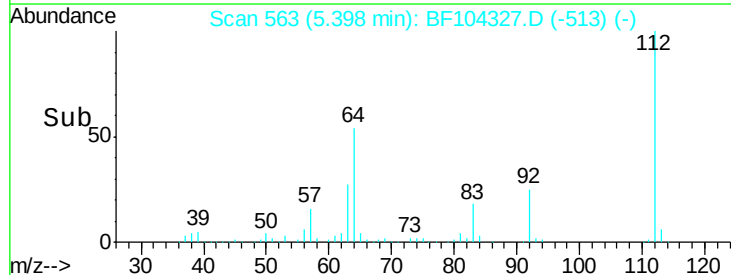
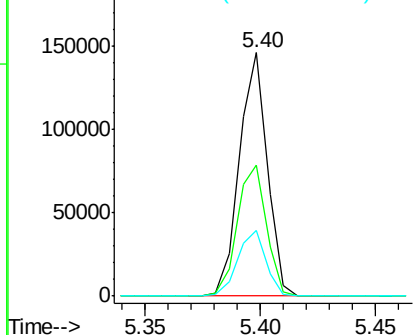
#5

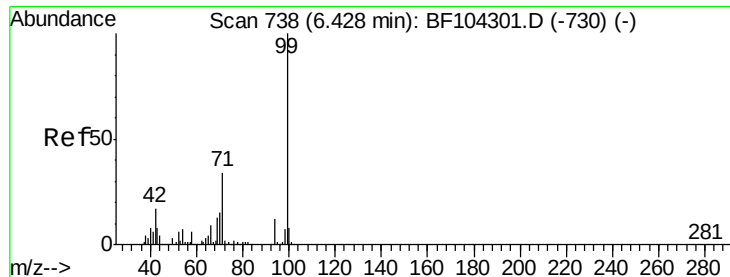
2-Fluorophenol
 Concen: 13.997 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Tgt Ion:112 Resp: 123298
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.9 71.9
 63 26.9 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: 14.222 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

LP-OILY-STONE

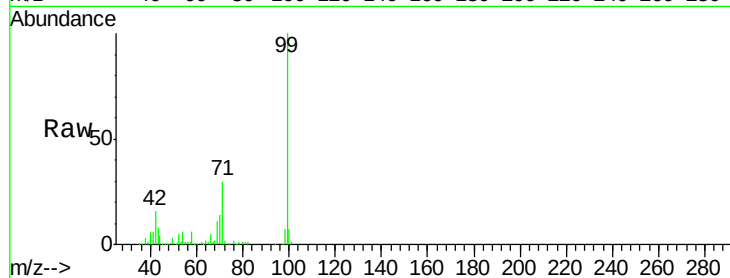
Tot Ion: 99 Resp: 153932

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

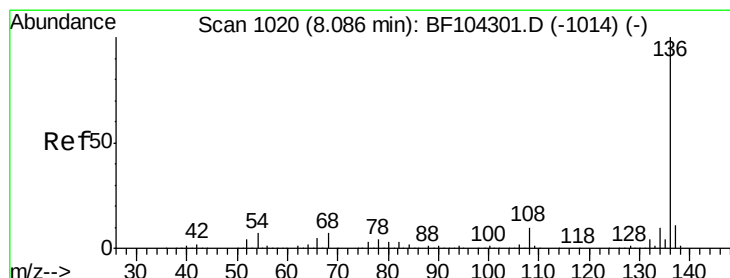
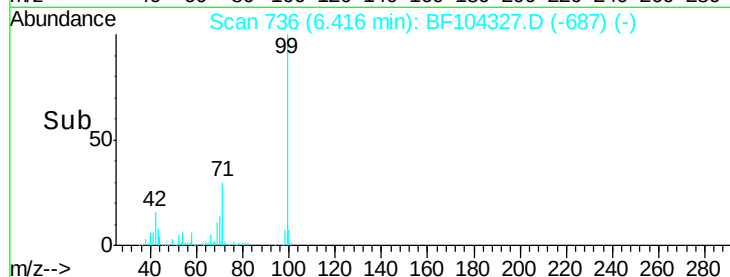
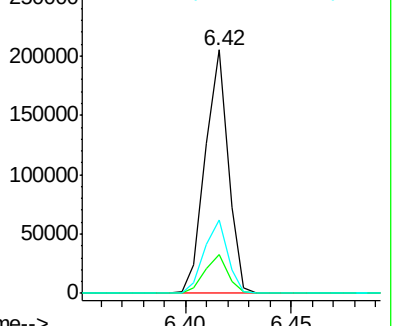
71 30.4 25.4 38.0



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: BF104327.D

Acq: 7 Apr 2018 1:01

Tgt Ion: 136 Resp: 536265

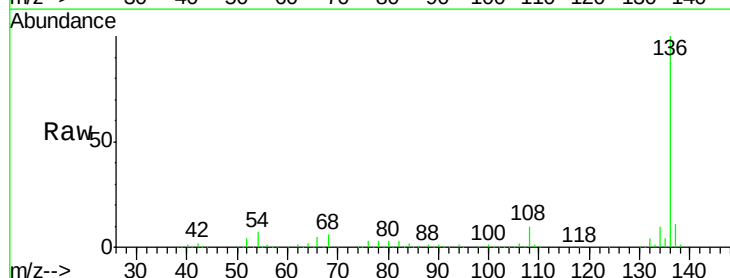
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 6.2 5.0 7.4

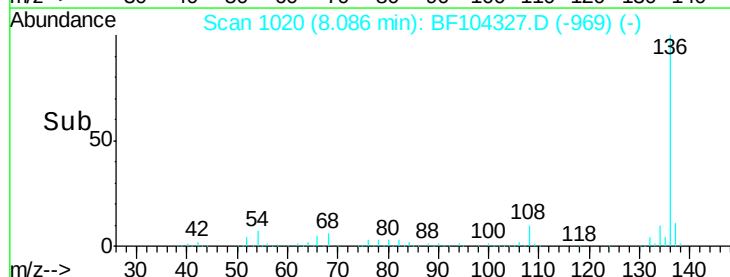
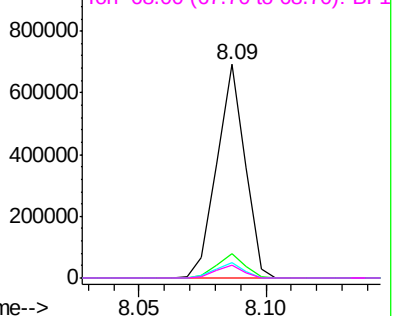


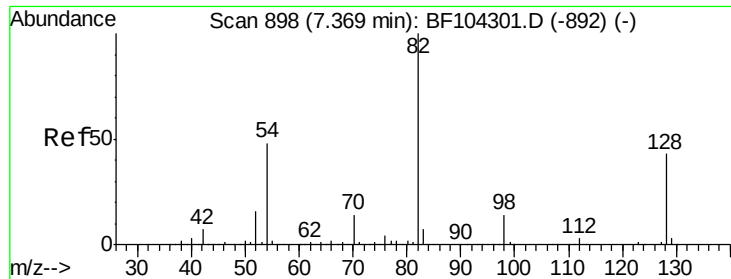
Abundance Ion 136.00 (135.70 to 136.70): E

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

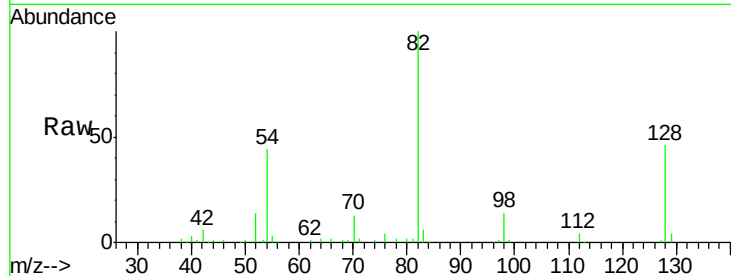




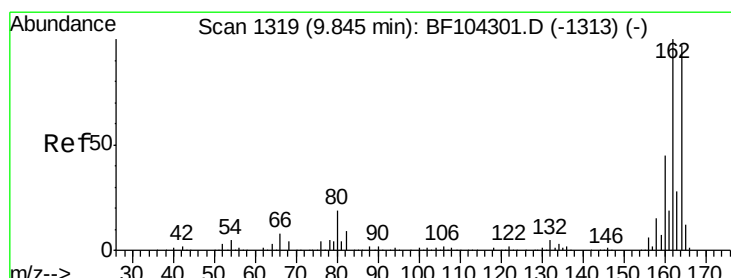
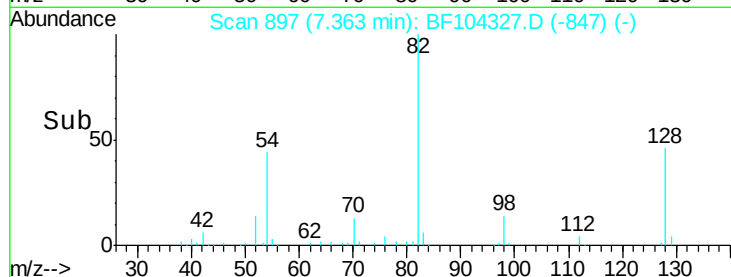
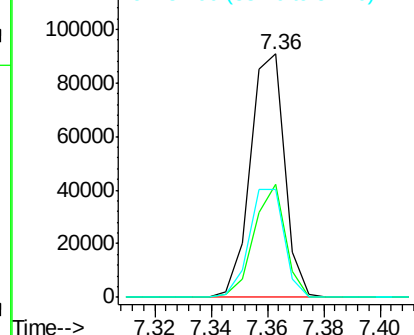
#23
 Nitrobenzene-d5
 Concen: 9.267 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 LP-OILY-STONE

Tot Ion	82	Resp	76105
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	44.3	41.4	62.2

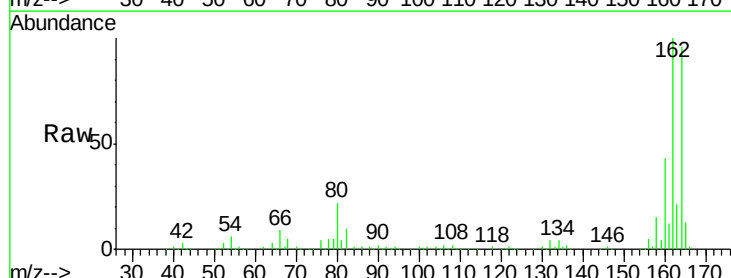


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

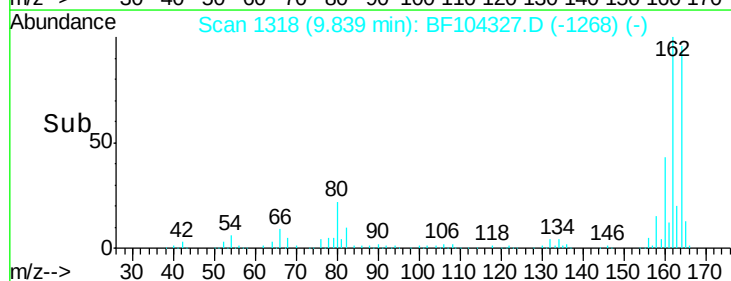
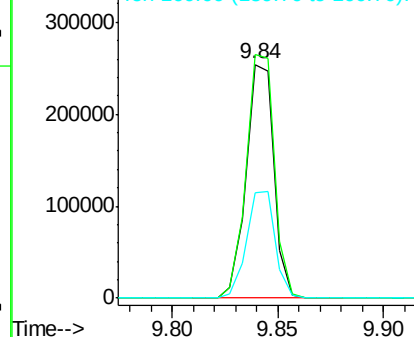


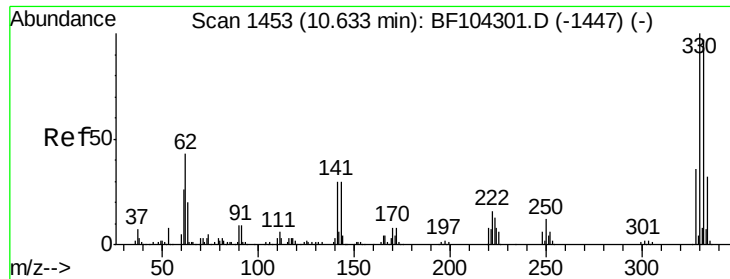
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Tgt Ion	164	Resp	230843
Ion Ratio	100	Lower	Upper
162	104.1	86.1	129.1
160	45.2	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: 10.930 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

LP-OILY-STONE

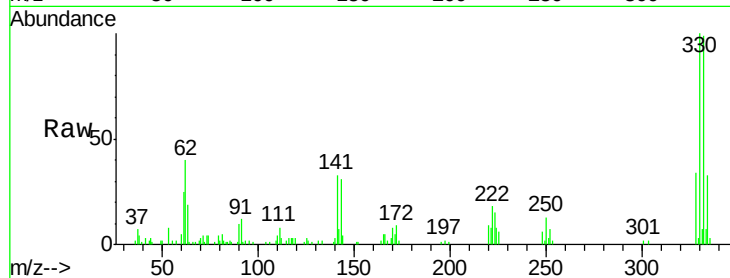
Tot Ion:330 Resp: 26172

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

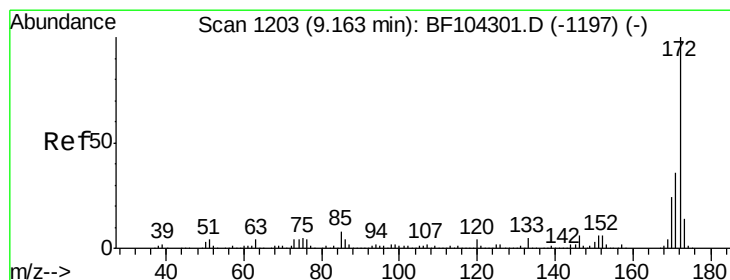
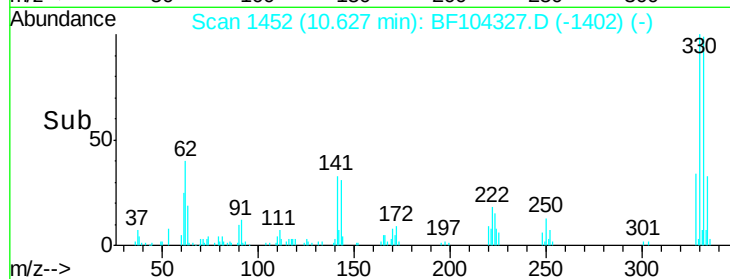
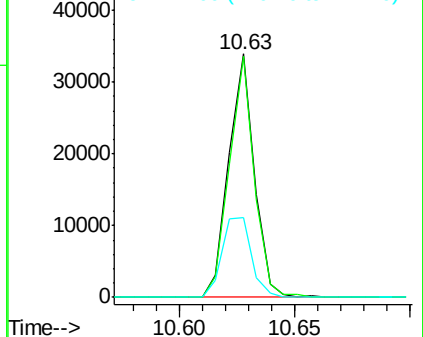
141 37.5 29.9 44.9



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: 10.200 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104327.D

Acq: 7 Apr 2018 1:01

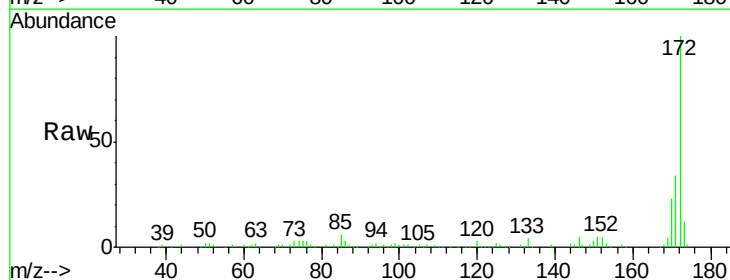
Tgt Ion:172 Resp: 149050

Ion Ratio Lower Upper

172 100

171 34.5 29.7 44.5

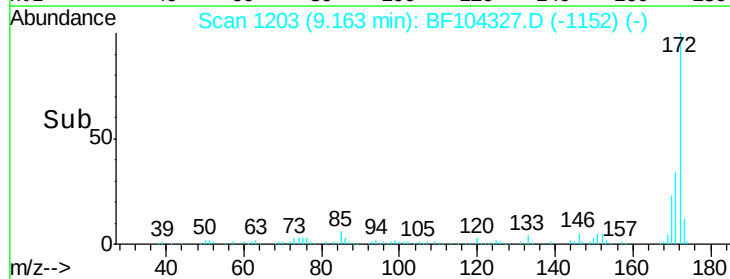
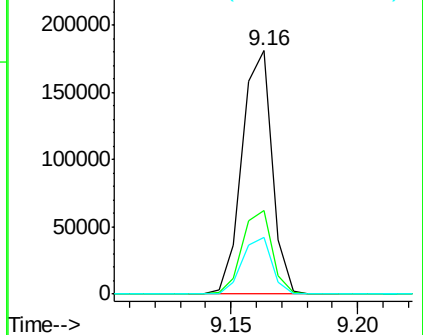
170 23.2 19.6 29.4

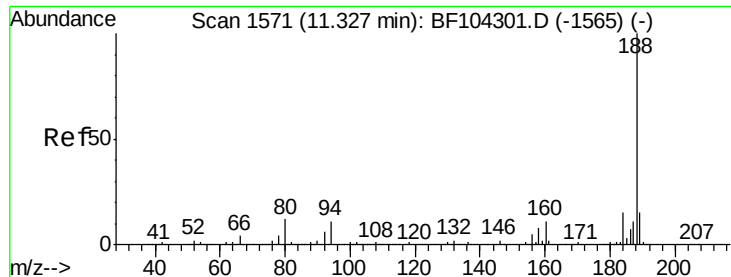


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

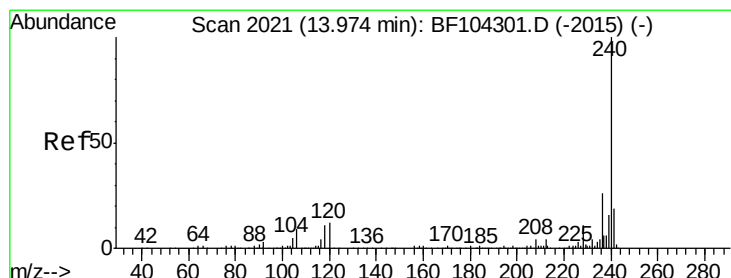
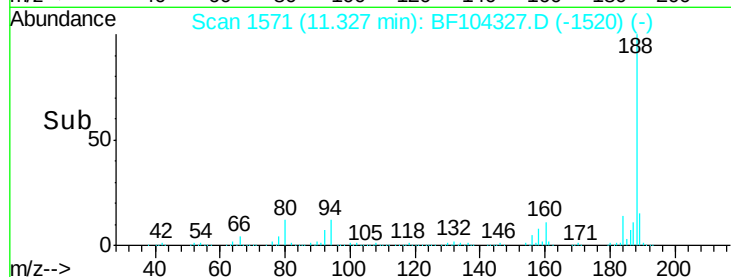
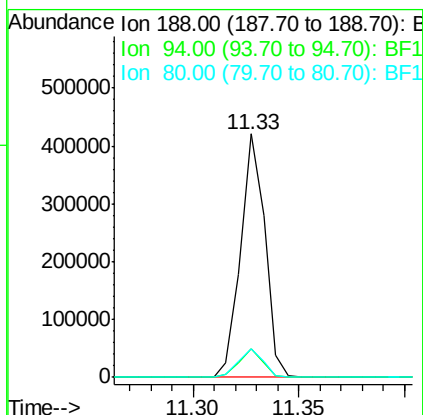
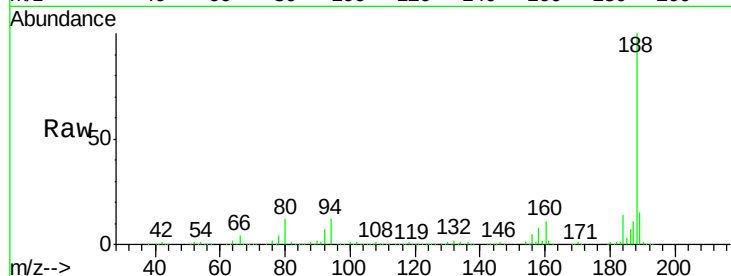




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

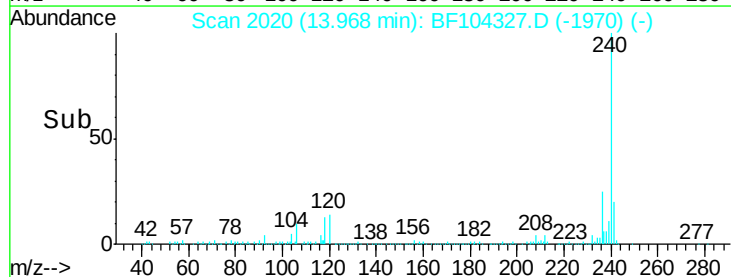
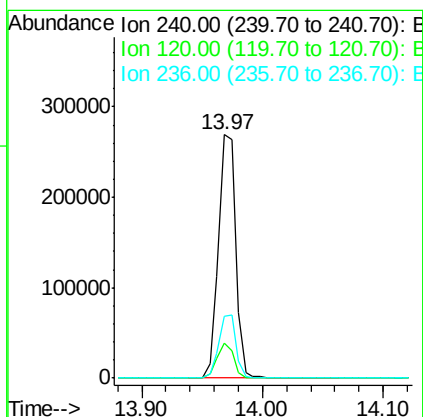
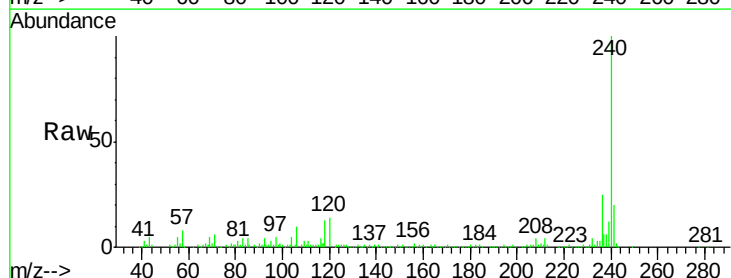
Instrument :
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LP-OILY-STONE

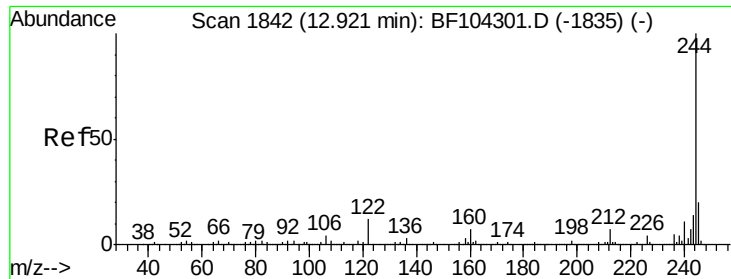
Tot Ion:188 Resp: 334920
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104327.D
Acq: 7 Apr 2018 1:01

Tgt Ion:240 Resp: 264638
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 25.5 20.7 31.1

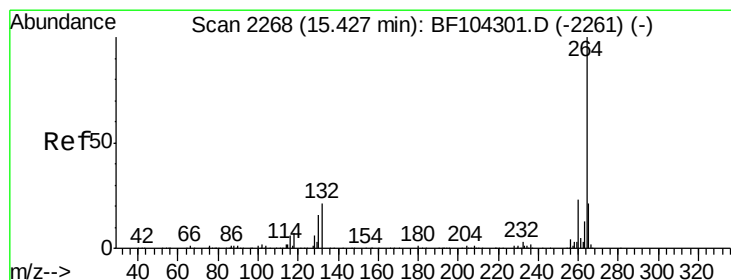
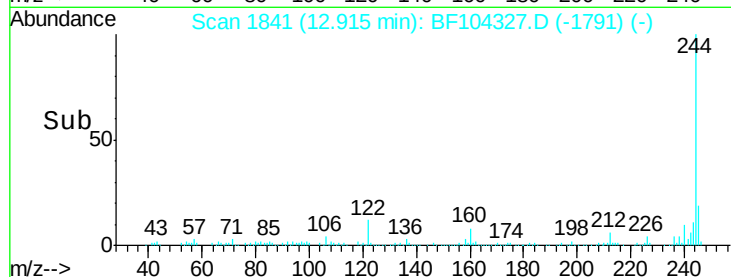
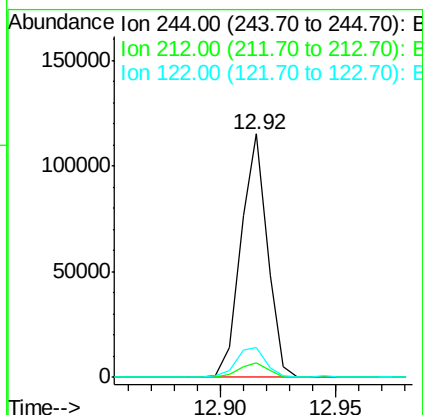
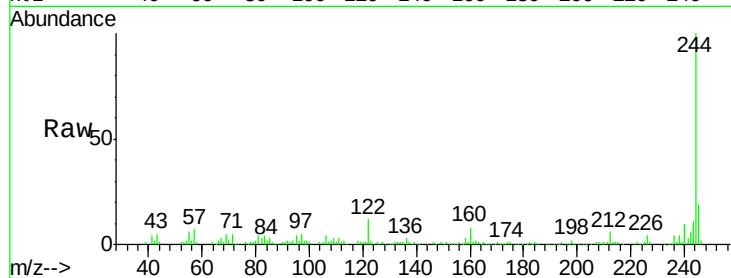




#78
 Terphenyl-d14
 Concen: 7.927 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 LP-OILY-STONE

Tot Ion:244 Resp: 92014
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF104327.D
 Acq: 7 Apr 2018 1:01

Tgt Ion:264 Resp: 240775
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.5 26.3

