

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104475.D
 Acq On : 13 Apr 2018 13:47
 Operator : JU/SJ
 Sample : PB108213BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108213BL

Quant Time: Apr 13 17:49:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113114	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	470409	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226778	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	431994	20.00	ng	0.00
75) Chrysene-d12	13.98	240	377395	20.00	ng	-0.01
86) Perylene-d12	15.45	264	284794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	862642	116.61	ng	0.00
7) Phenol-d6	6.45	99	1037567	114.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	648913	90.08	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	293994	124.97	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1205004	83.94	ng	0.00
78) Terphenyl-d14	12.93	244	1309971	79.13	ng	0.00

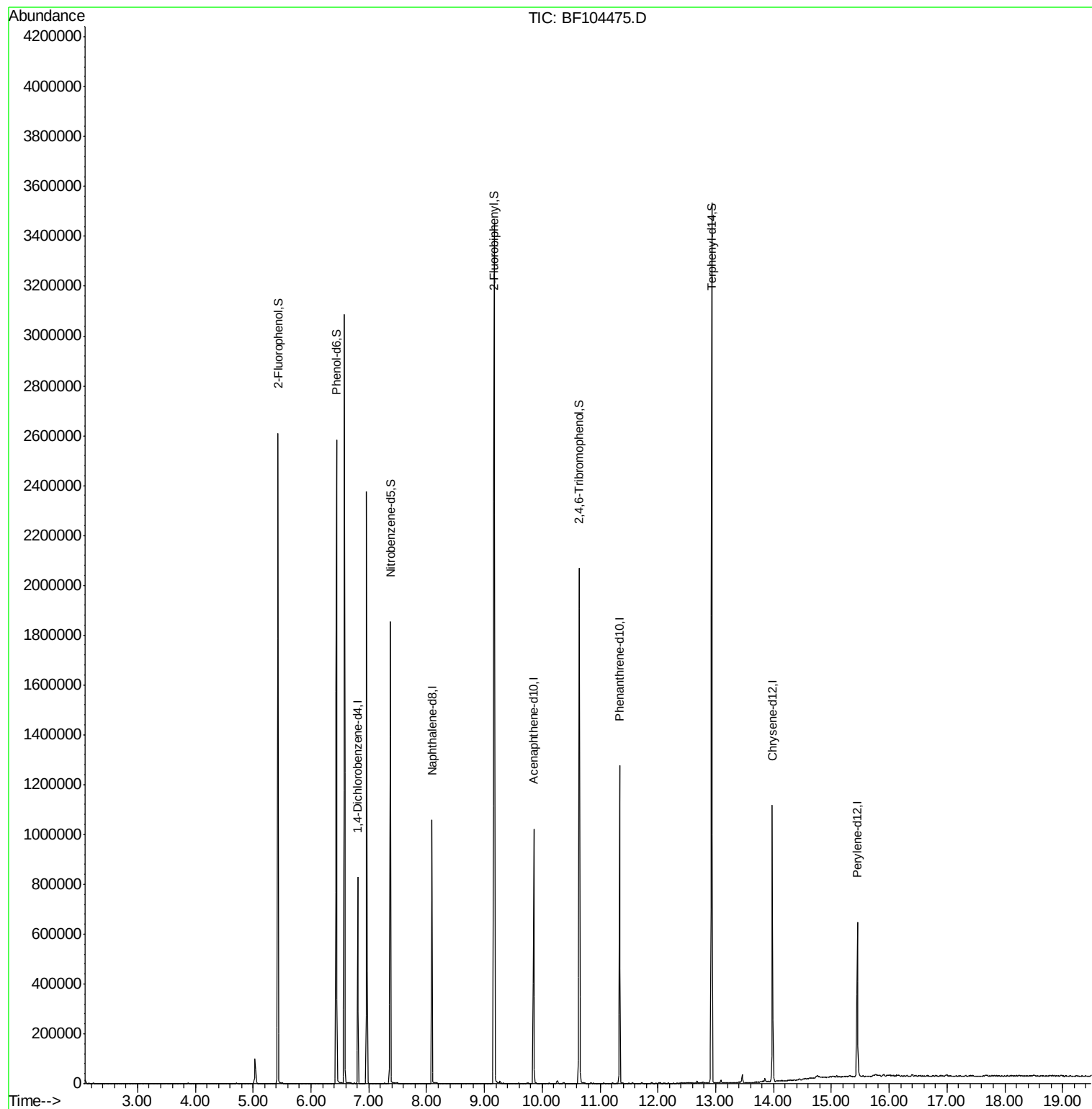
Target Compounds Qvalue

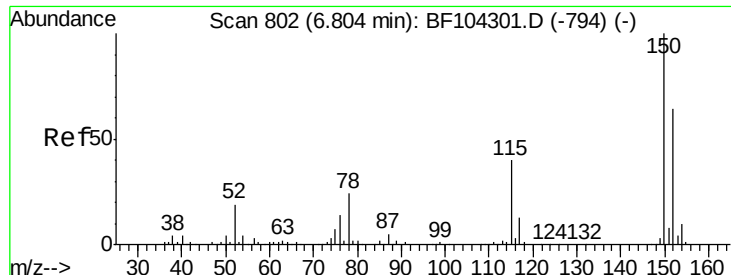
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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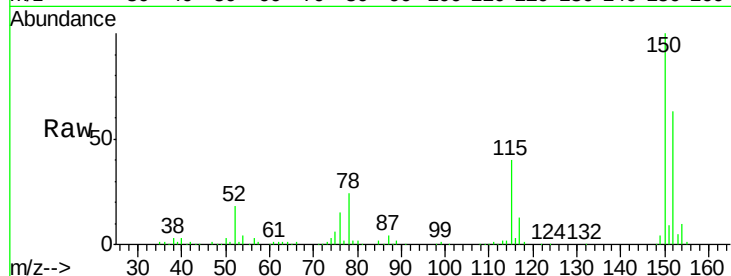


#1

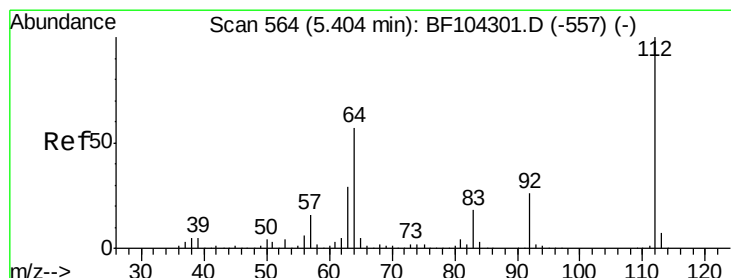
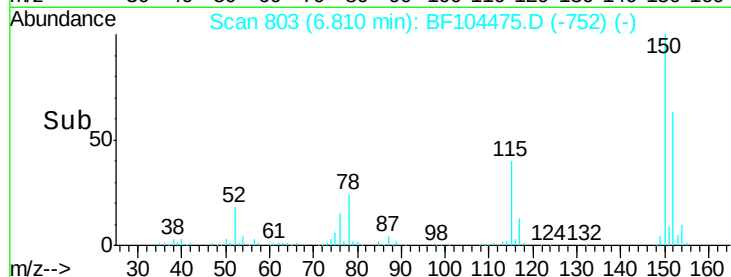
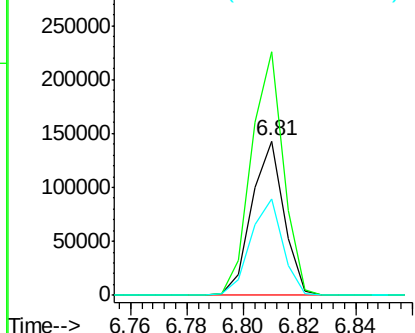
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104475.D
Acq: 13 Apr 2018 13:47

Instrument :
BNA_F
ClientSampleId :
PB108213BL

Tot Ion:152 Resp: 113114
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.6 50.1 75.1



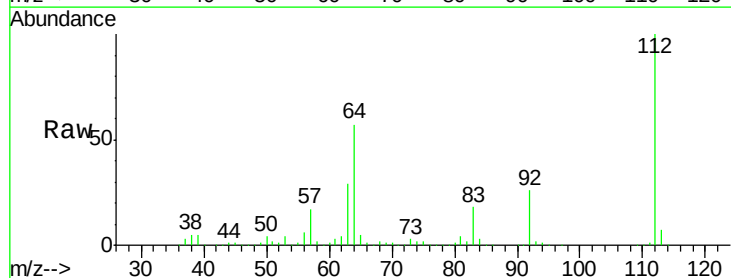
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



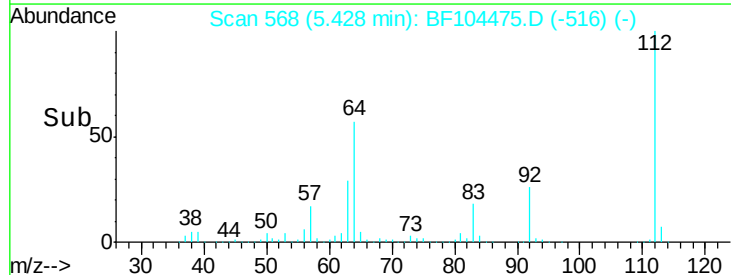
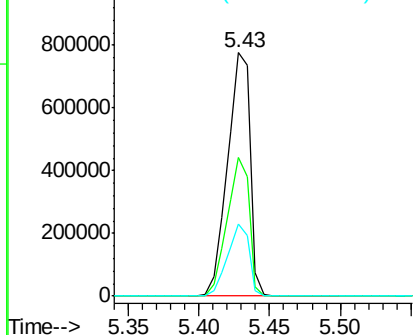
#5

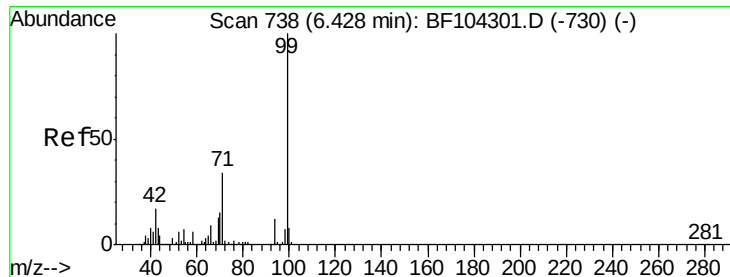
2-Fluorophenol
Concen: 116.610 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104475.D
Acq: 13 Apr 2018 13:47

Tgt Ion:112 Resp: 862642
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.5 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: 114.153 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

Instrument :

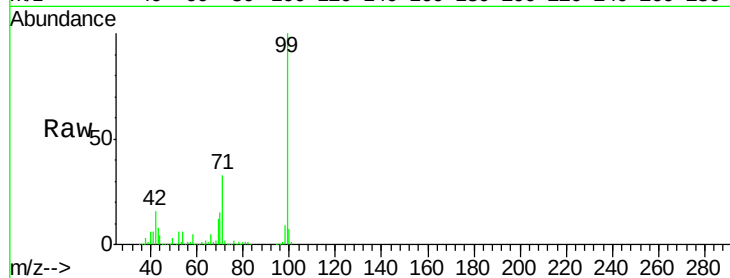
BNA_F

ClientSampleId :

PB108213BL

Tot Ion: 99 Resp: 1037567

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.2	25.4	38.0

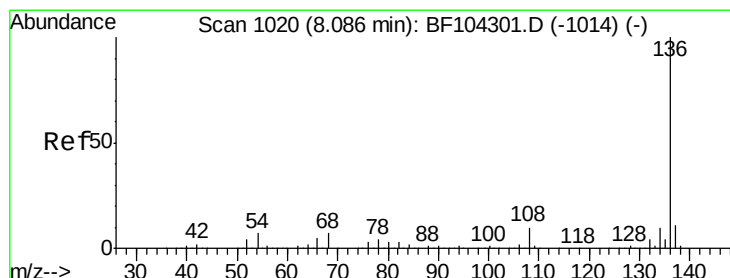
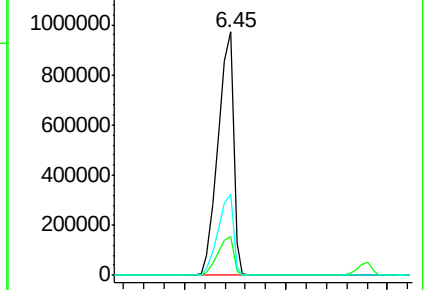
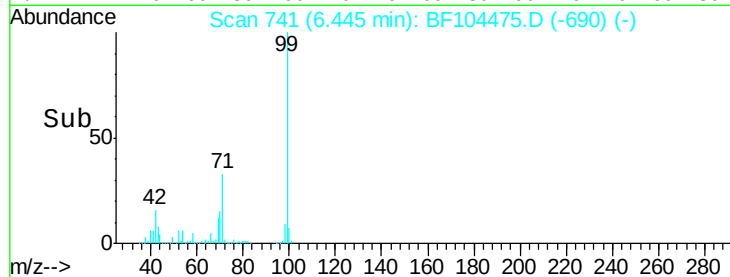


Abundance

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

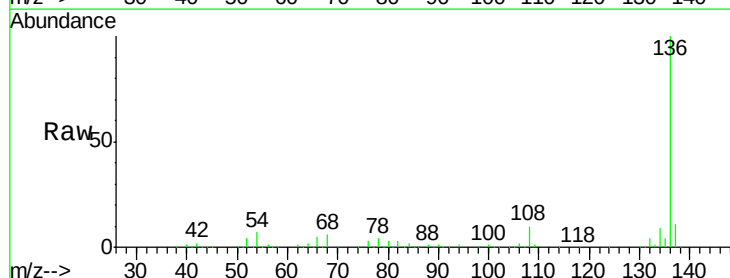
Delta R.T. -0.01 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

Tgt Ion: 136 Resp: 470409

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4



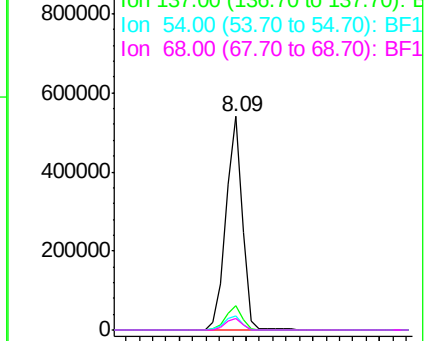
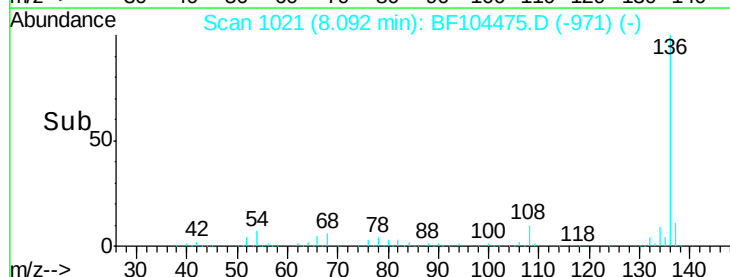
Abundance

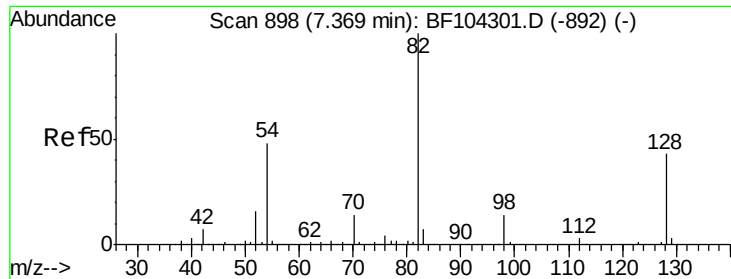
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

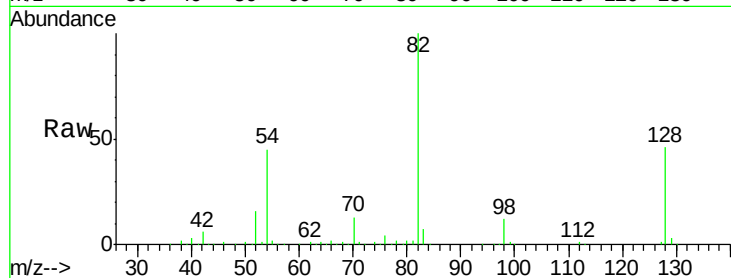




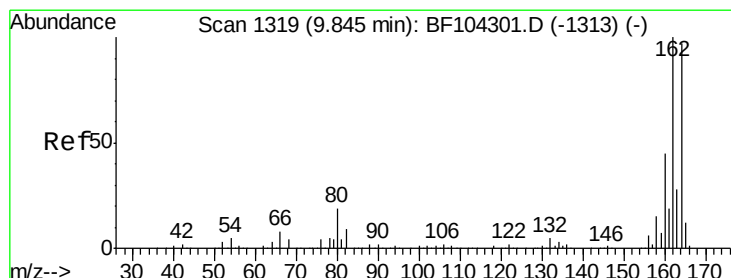
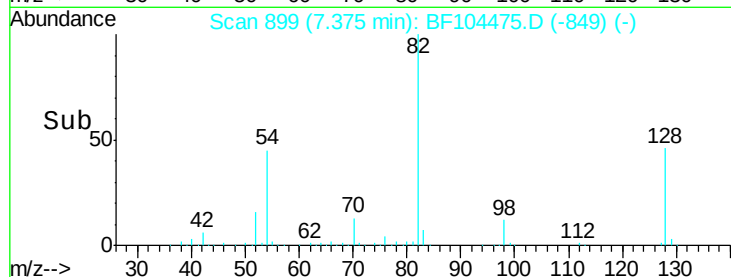
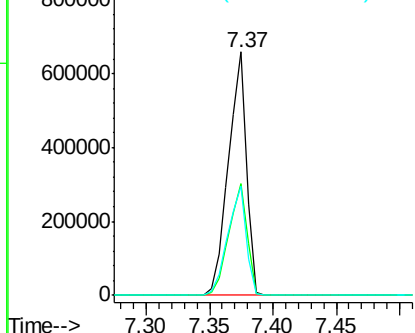
#23
 Nitrobenzene-d5
 Concen: 90.076 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104475.D
 Acq: 13 Apr 2018 13:47

Instrument :
 BNA_F
 ClientSampleID :
 PB108213BL

Tot Ion	82	Resp	648913
Ion Ratio	100	Lower	Upper
128	45.7	36.1	54.1
54	45.0	41.4	62.2

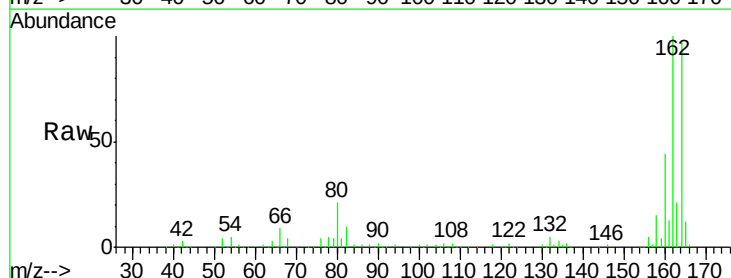


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

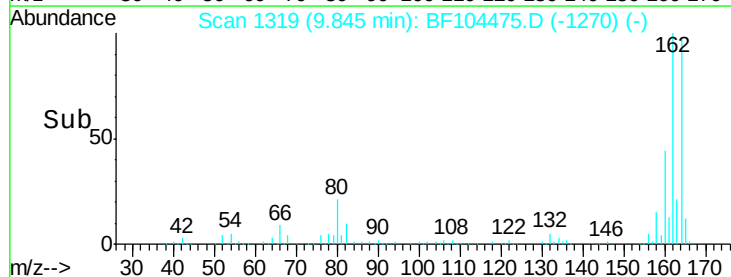
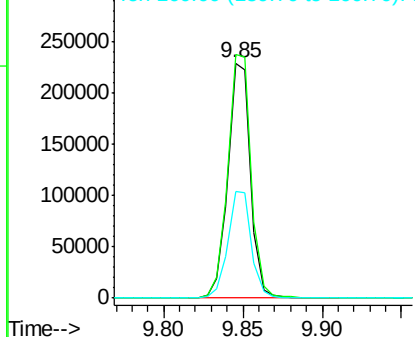


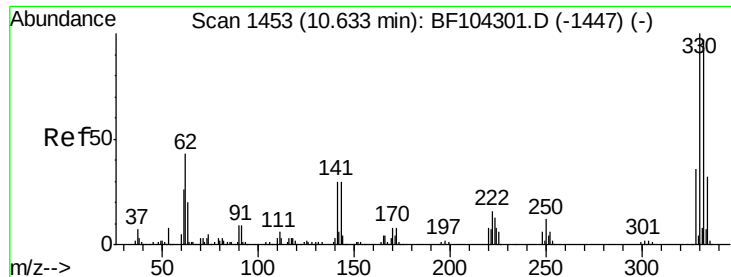
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104475.D
 Acq: 13 Apr 2018 13:47

Tgt Ion	164	Resp	226778
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.5	86.1	129.1
160	45.6	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: 124.975 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

Instrument :

BNA_F

ClientSampleId :

PB108213BL

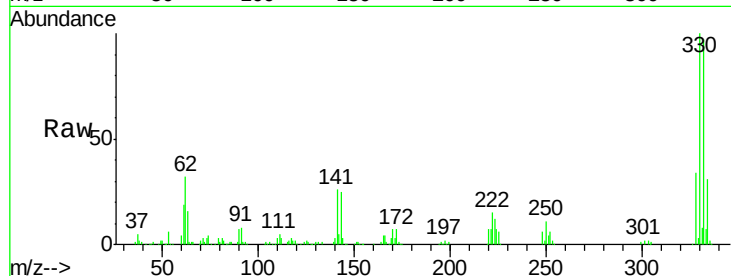
Tot Ion:330 Resp: 293994

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

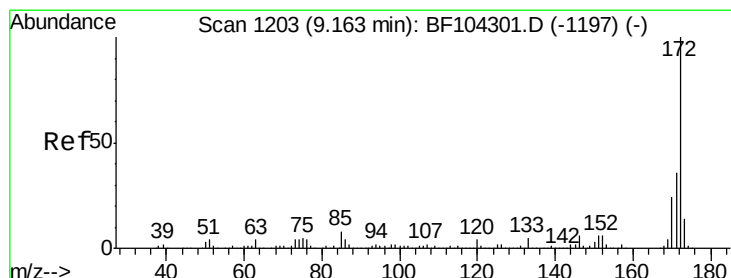
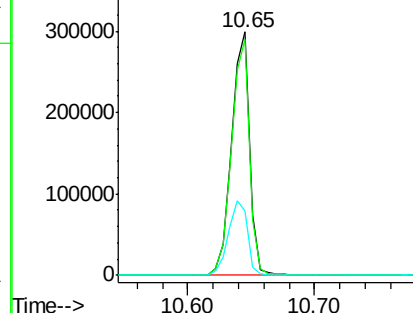
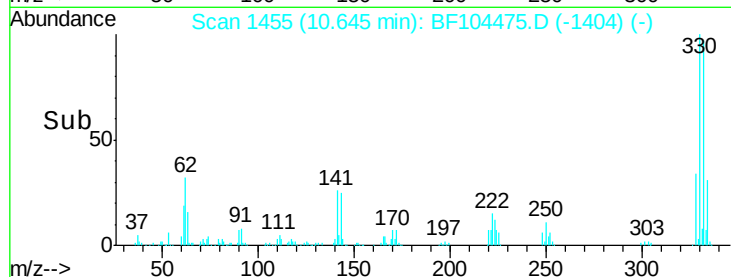
141 32.6 29.9 44.9



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: 83.941 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

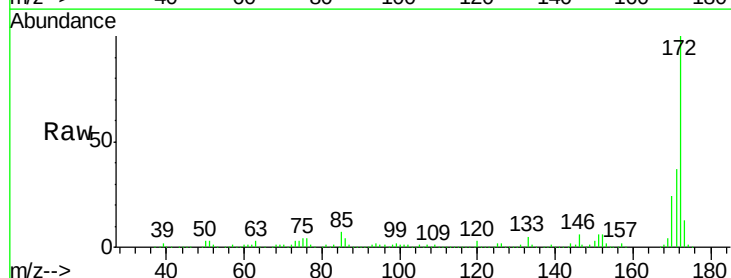
Tgt Ion:172 Resp: 1205004

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

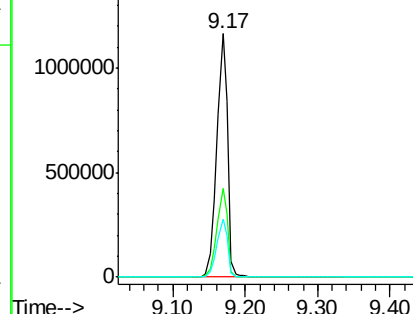
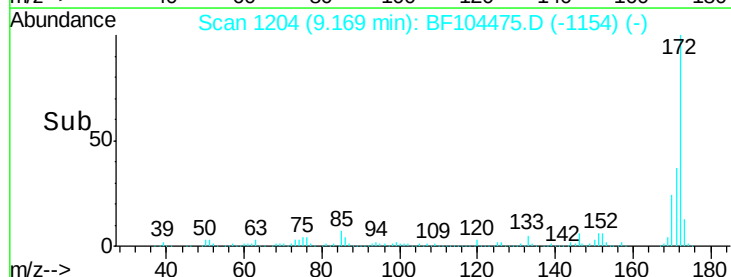
170 23.9 19.6 29.4

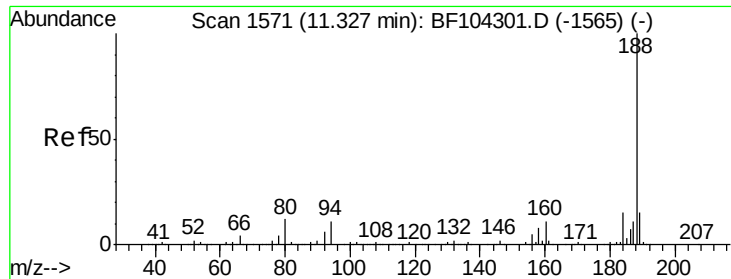


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

Instrument :

BNA_F

ClientSampleId :

PB108213BL

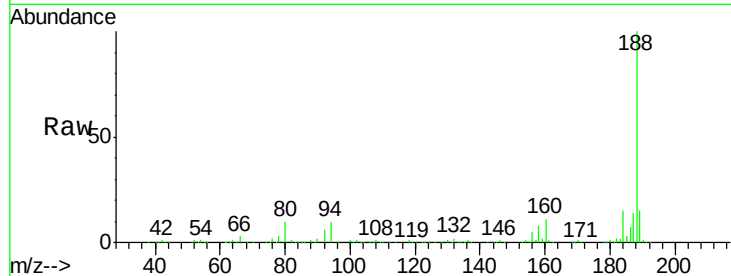
Tot Ion:188 Resp: 431994

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

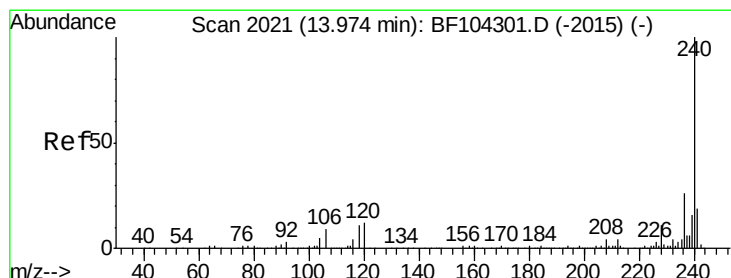
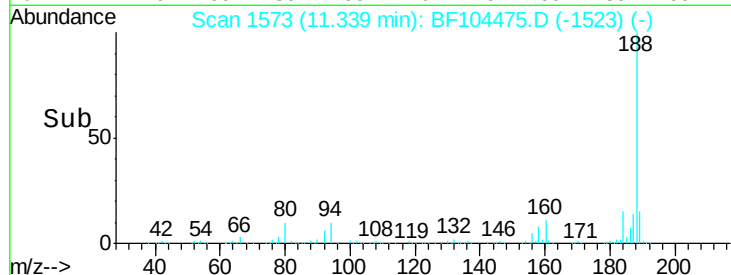
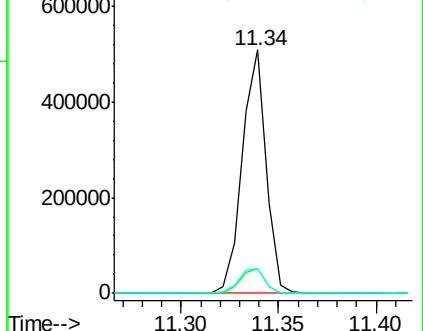
80 10.3 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

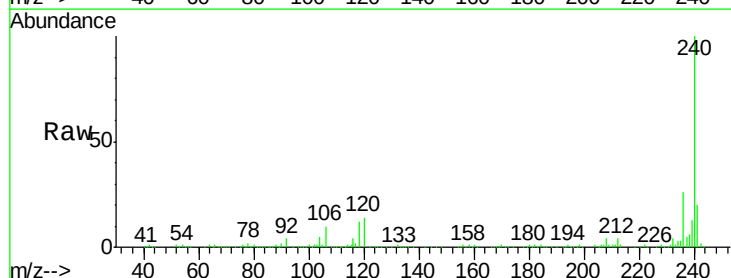
Tgt Ion:240 Resp: 377395

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

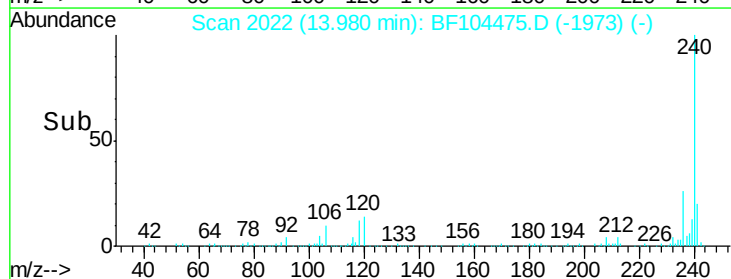
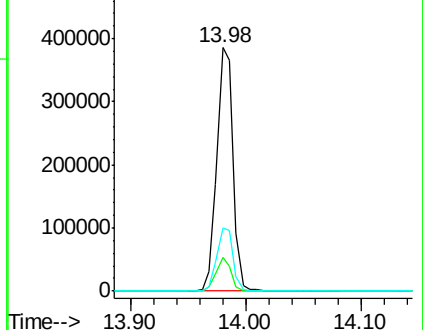
236 26.1 20.7 31.1

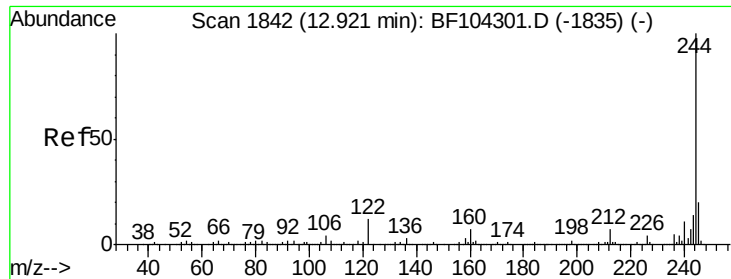


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.135 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

Instrument :

BNA_F

ClientSampleId :

PB108213BL

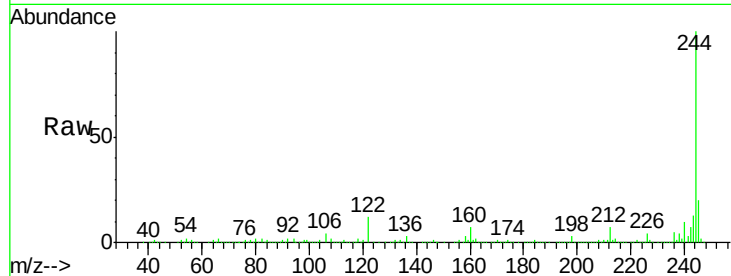
Tot Ion:244 Resp: 1309971

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

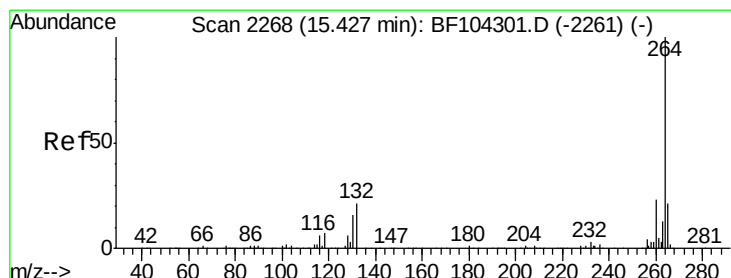
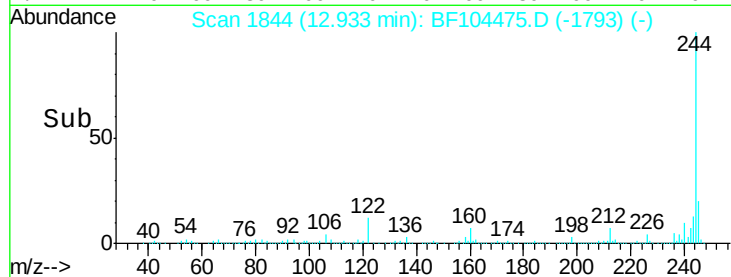
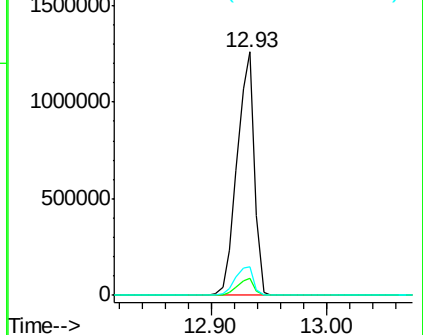
122 11.9 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104475.D

Acq: 13 Apr 2018 13:47

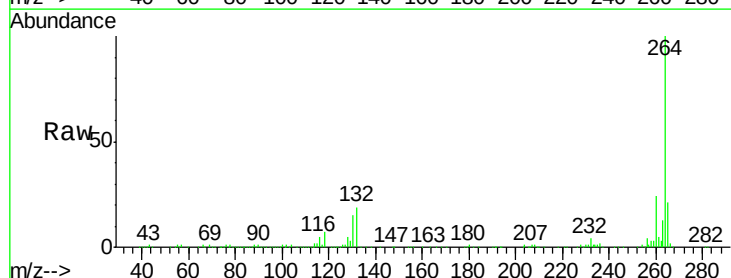
Tgt Ion:264 Resp: 284794

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 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

