

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104654.D
 Acq On : 20 Apr 2018 2:54
 Operator : JU/SJ
 Sample : PB108376BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BL

Quant Time: Apr 20 05:03:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	123355	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	492290	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	201786	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	308064	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261769	20.00	ng	-0.01
86) Perylene-d12	15.44	264	221240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	872644	108.17	ng	0.01
7) Phenol-d6	6.45	99	1039458	104.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	665924	88.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	213806	102.14	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1125476	88.11	ng	0.00
78) Terphenyl-d14	12.92	244	865003	75.34	ng	0.00

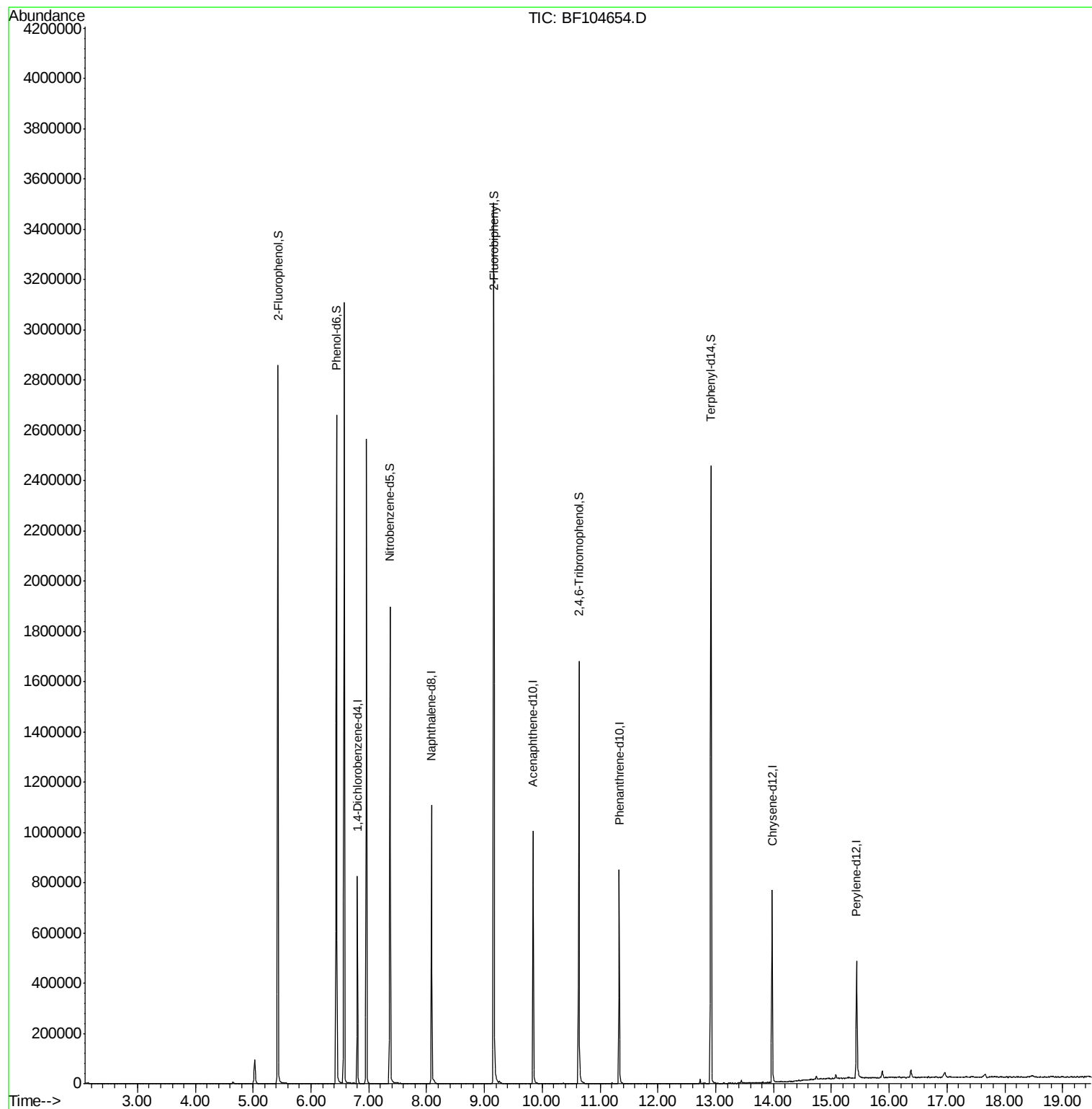
Target Compounds Qvalue

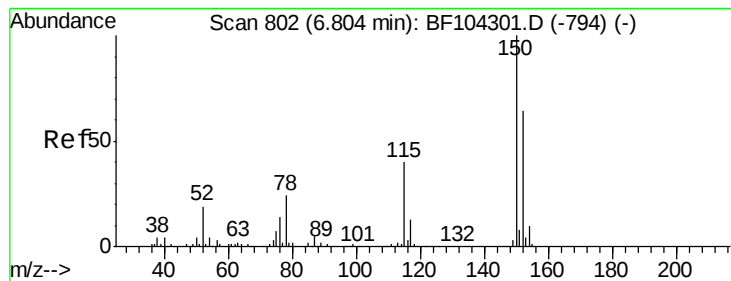
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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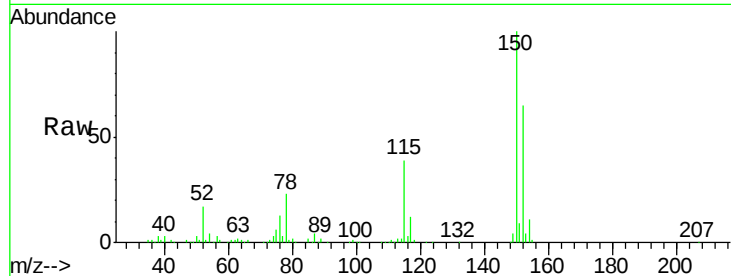


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :
PB108376BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	60.5	50.1	75.1

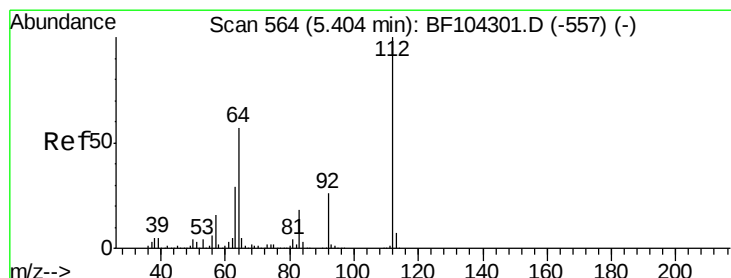
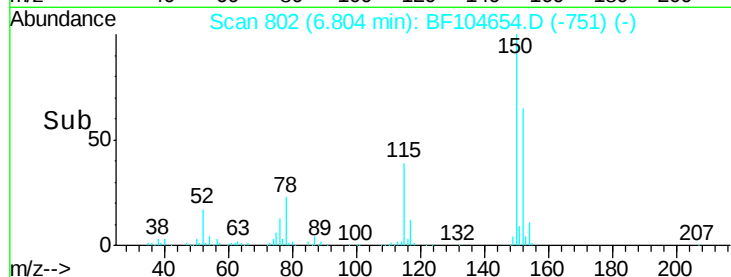
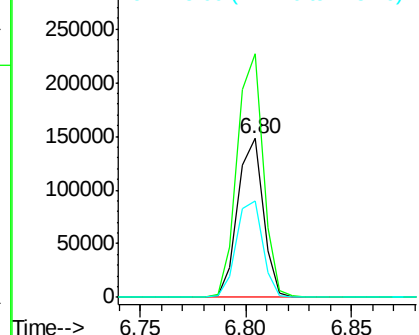


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

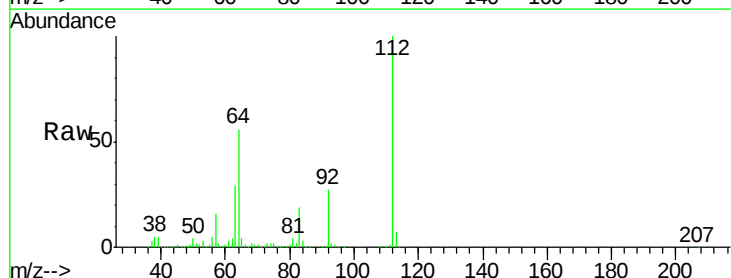
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.169 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.7	23.7	35.5

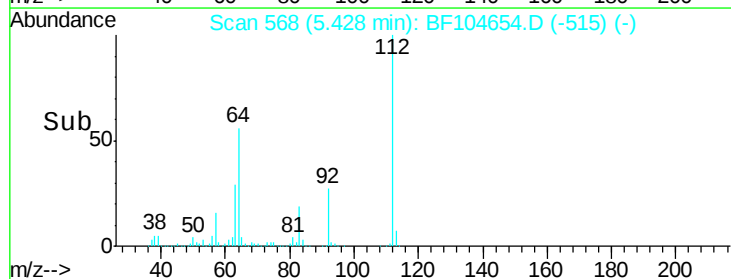
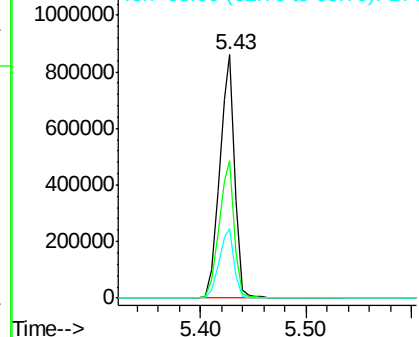


Abundance

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: 104.866 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104654.D

Acq: 20 Apr 2018 2:54

Instrument :

BNA_F

ClientSampled :

PB108376BL

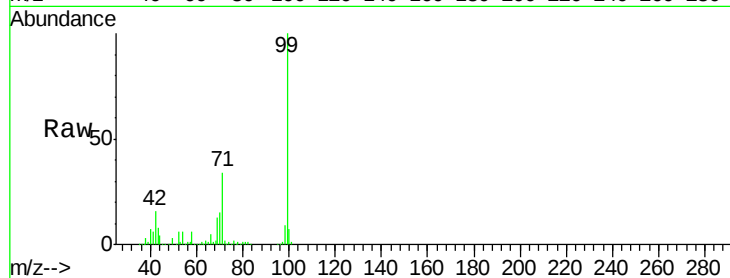
Tot Ion: 99 Resp: 1039458

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

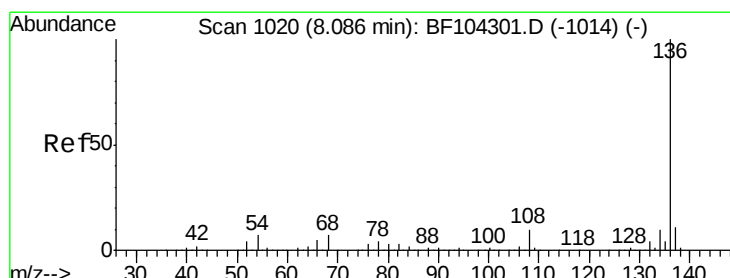
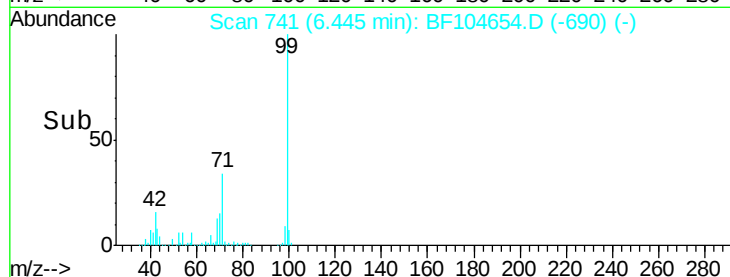
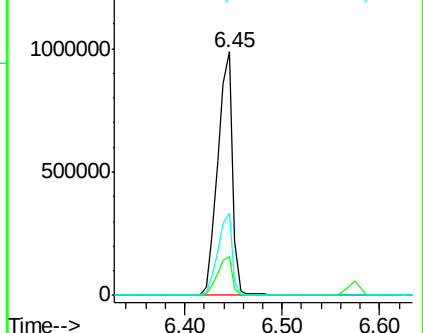
71 33.8 25.4 38.0



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. -0.01 min

Lab File: BF104654.D

Acq: 20 Apr 2018 2:54

Tgt Ion: 136 Resp: 492290

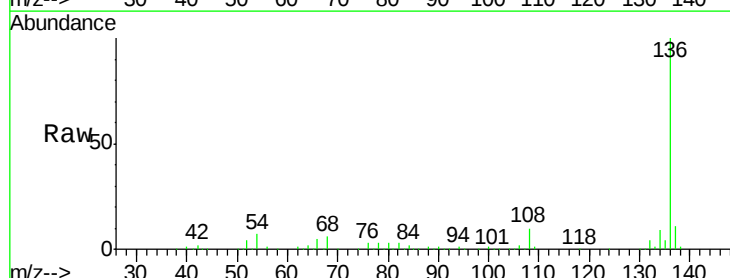
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8#

68 5.9 5.0 7.4

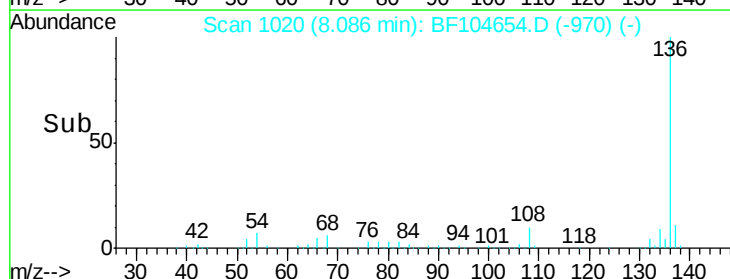
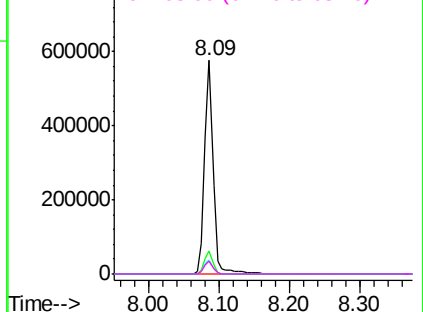


Abundance Ion 136.00 (135.70 to 136.70): E

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

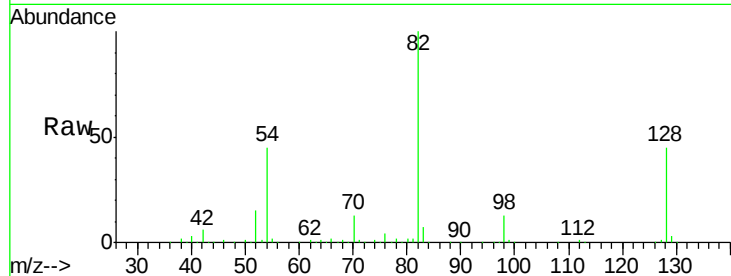




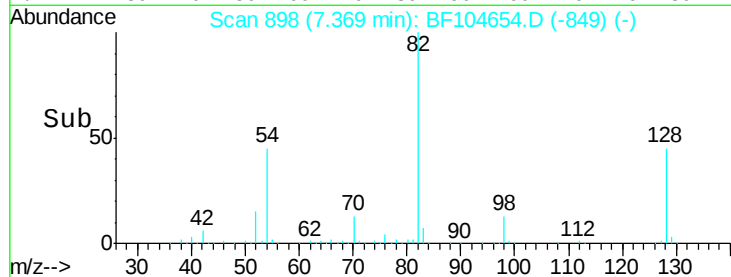
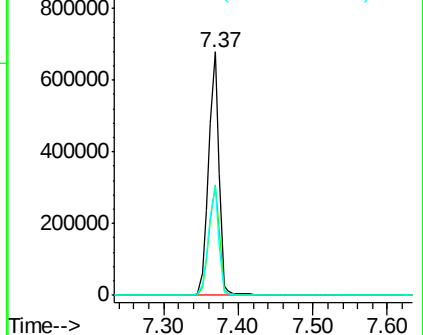
#23
 Nitrobenzene-d5
 Concen: 88.329 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BL

Tot Ion: 82 Resp: 665924
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 45.0 41.4 62.2

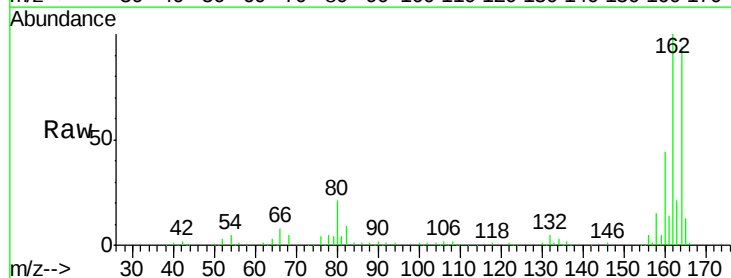


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

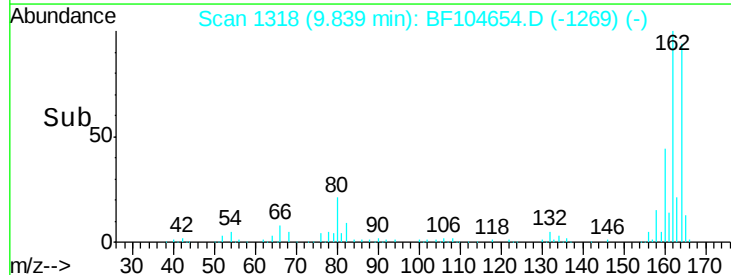
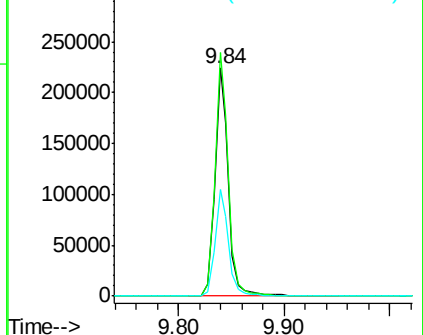


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Tgt Ion: 164 Resp: 201786
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 46.8 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

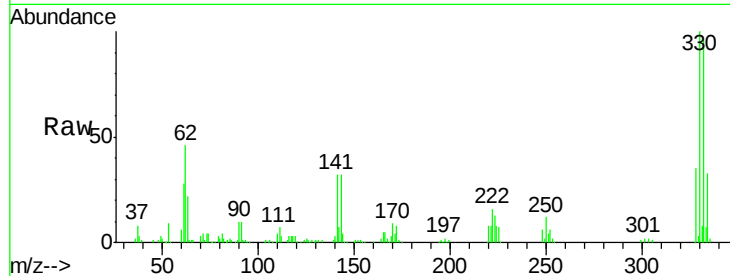




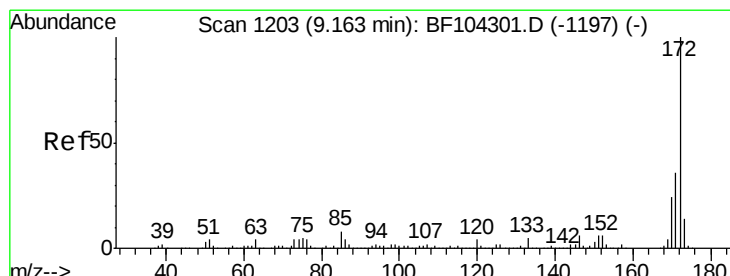
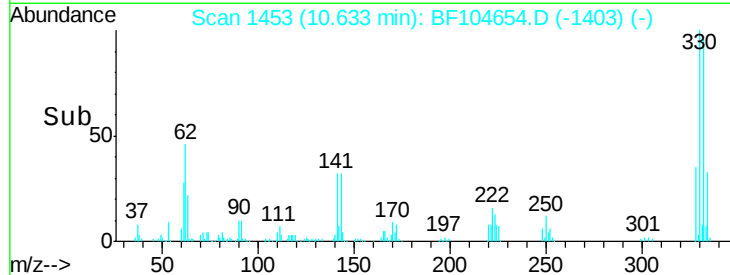
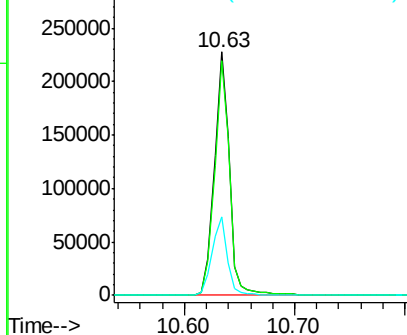
#41
 2,4,6-Tribromophenol
 Concen: 102.144 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 PB108376BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.8	29.9	44.9

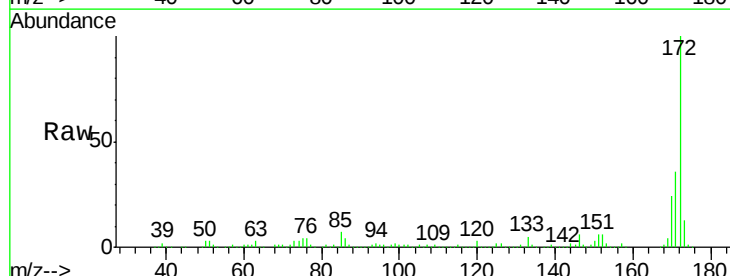


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

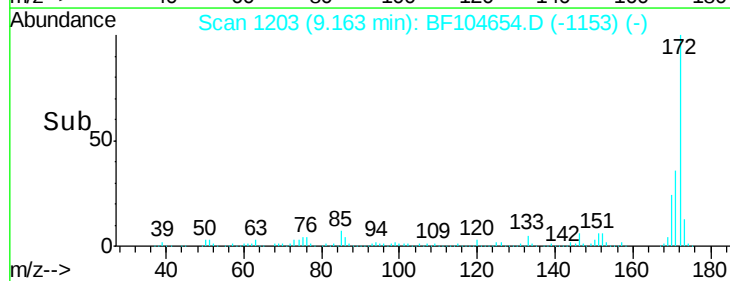
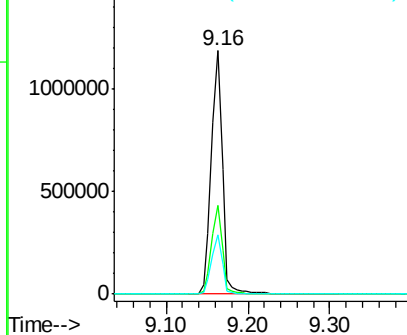


#44
 2-Fluorobiphenyl
 Concen: 88.112 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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

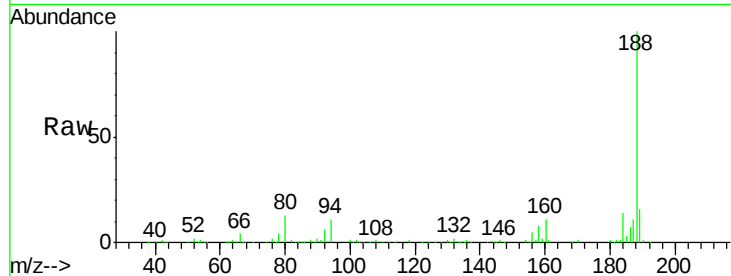




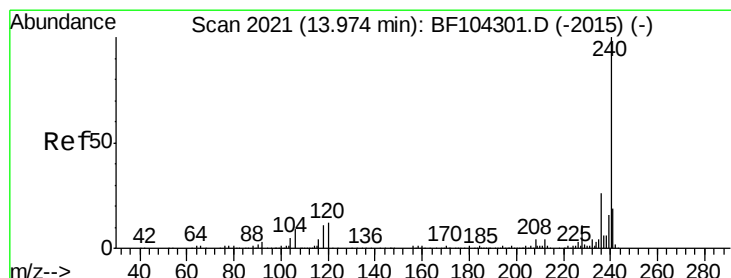
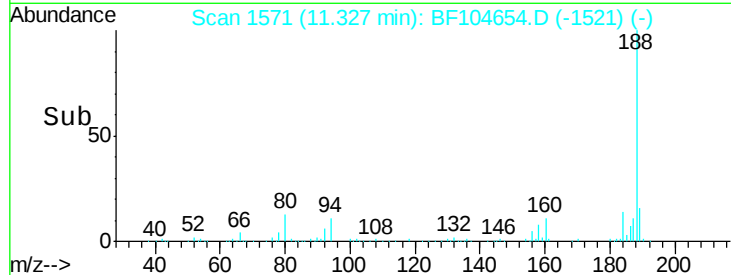
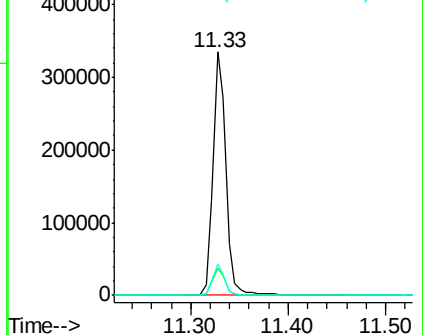
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Instrument :
BNA_F
ClientSampleId :
PB108376BL

Tot Ion:188 Resp: 308064
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.6 9.2 13.8

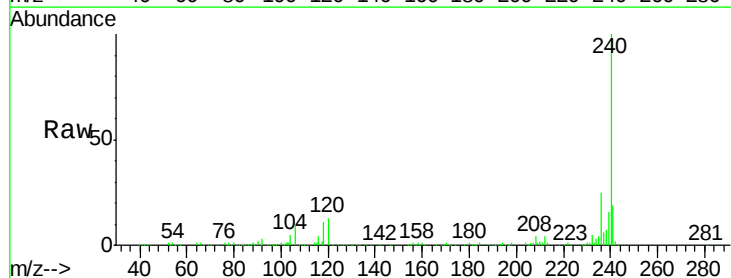


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

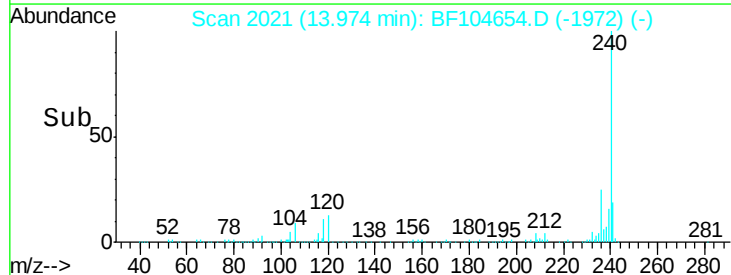
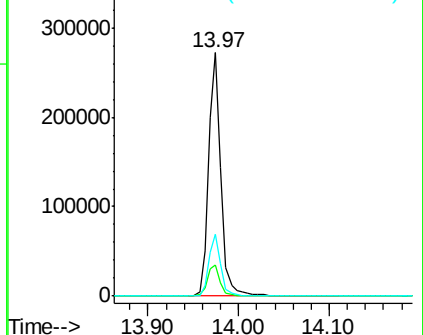


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104654.D
Acq: 20 Apr 2018 2:54

Tgt Ion:240 Resp: 261769
Ion Ratio Lower Upper
240 100
120 12.9 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

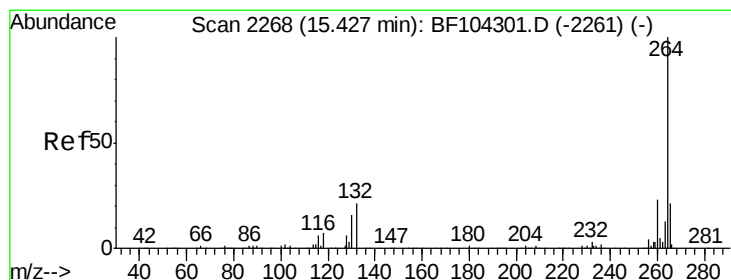
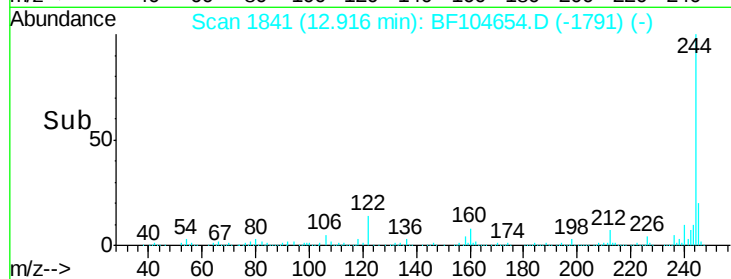
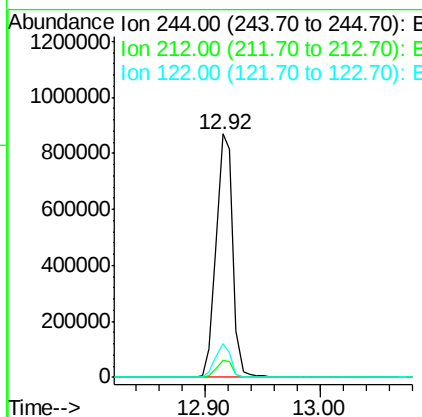
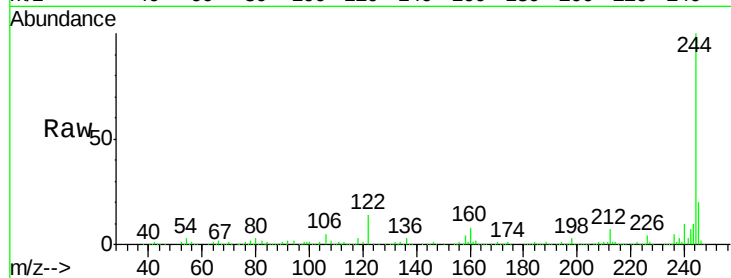




#78
 Terphenyl-d14
 Concen: 75.336 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Instrument :
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 PB108376BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104654.D
 Acq: 20 Apr 2018 2:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.2	17.5	26.3

