

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104900.D
 Acq On : 27 Apr 2018 23:46
 Operator : JU/SJ
 Sample : J2549-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

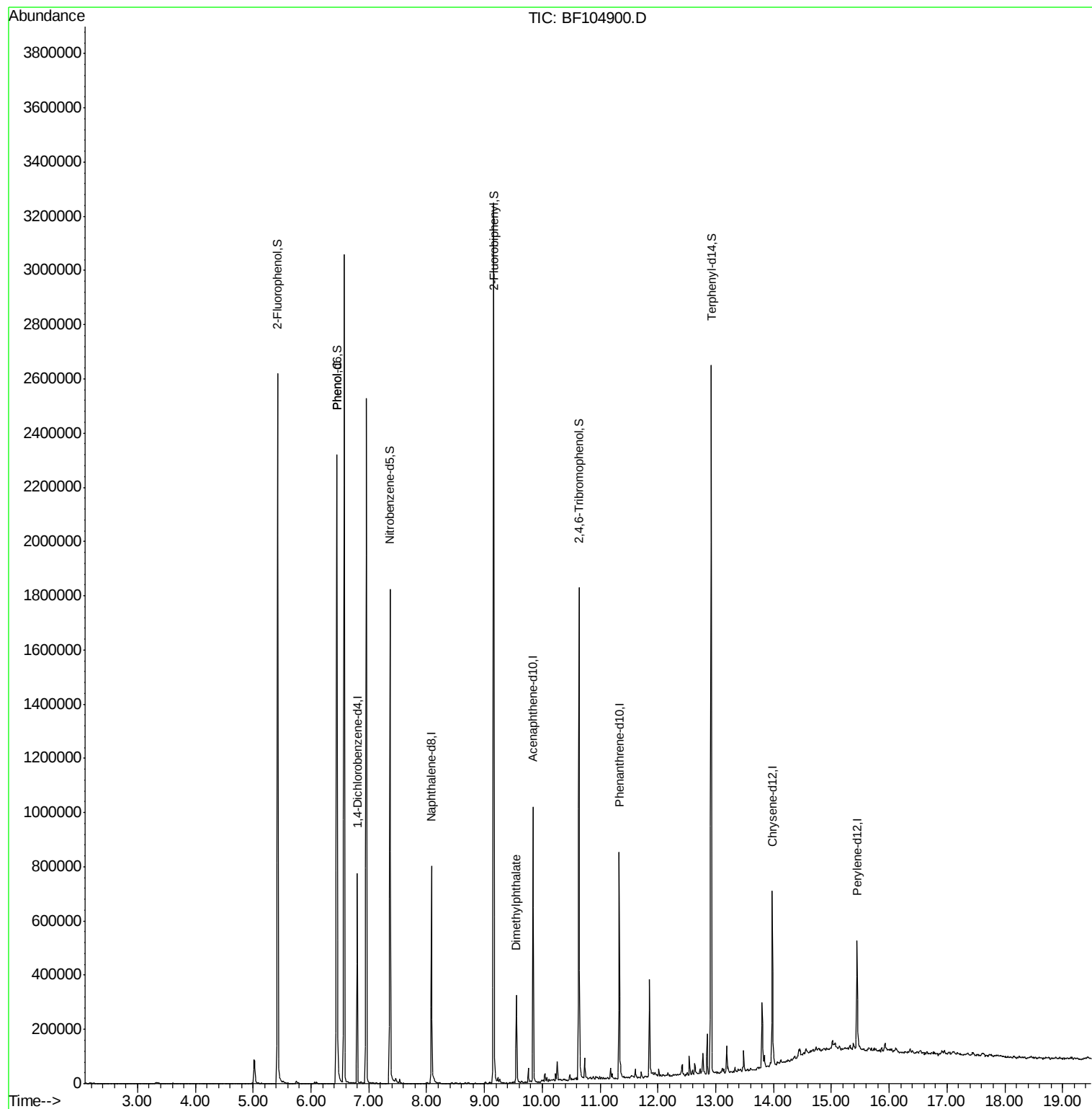
Quant Time: Apr 28 03:28:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104753	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	437052	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194568	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	322723	20.00	ng	0.00
75) Chrysene-d12	13.98	240	206701	20.00	ng	0.00
86) Perylene-d12	15.44	264	177436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	871933	127.27	ng	0.01
7) Phenol-d6	6.45	99	1064144	126.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	652192	97.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	264148	130.88	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1101862	89.46	ng	0.00
78) Terphenyl-d14	12.92	244	877088	96.74	ng	0.00
Target Compounds						
10) Phenol	6.46	94	23536	2.635	ng	78
49) Dimethylphthalate	9.55	163	140496	9.157	ng	99

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

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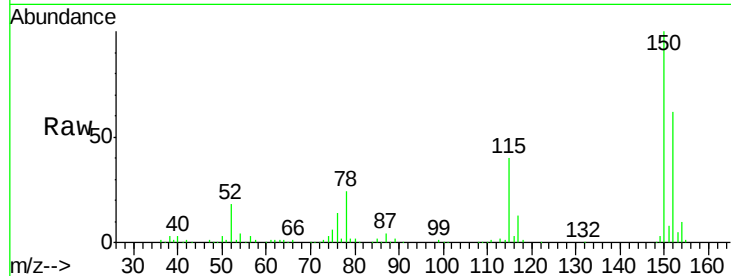




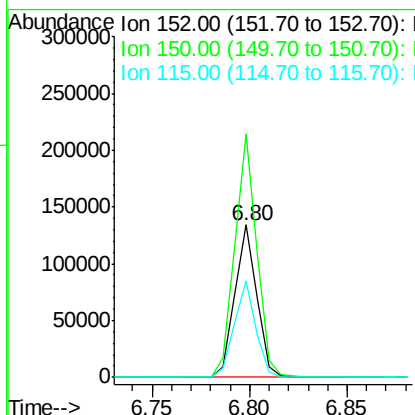
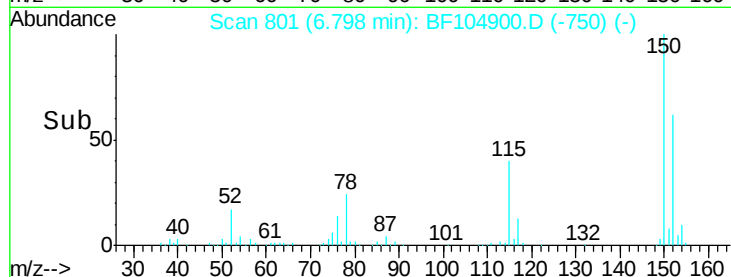
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tot Ion	152	Resp	104753
Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	63.7	50.1	75.1



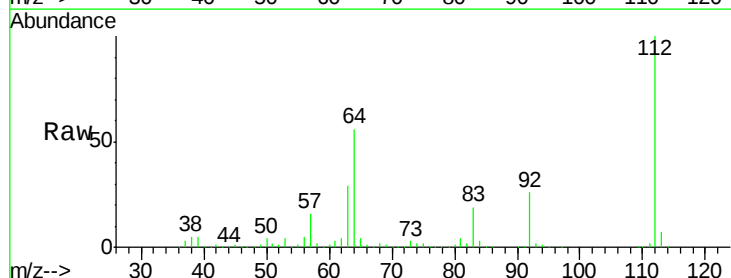
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



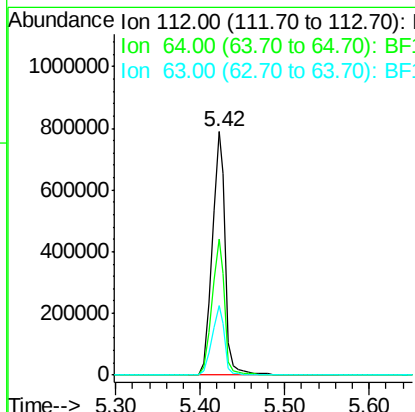
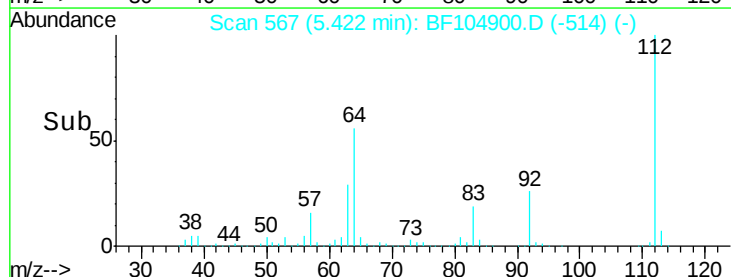
#5

2-Fluorophenol
Concen: 127.274 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tgt Ion	112	Resp	871933
Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.8	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: 126.421 ng

RT: 6.45 min Scan# 742

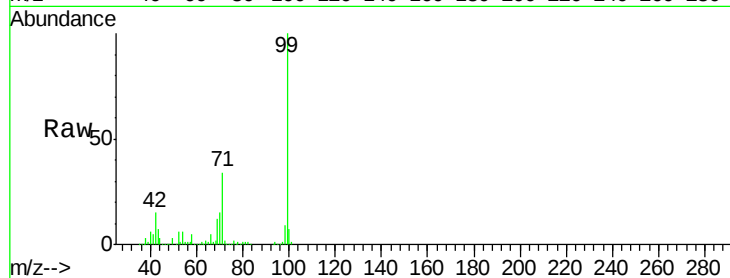
Delta R.T. 0.01 min

Lab File: BF104900.D

Acq: 27 Apr 2018 23:46

Tot Ion: 99 Resp: 1064144

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	33.6	25.4	38.0

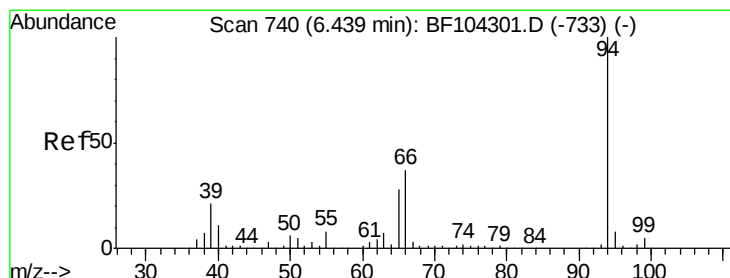
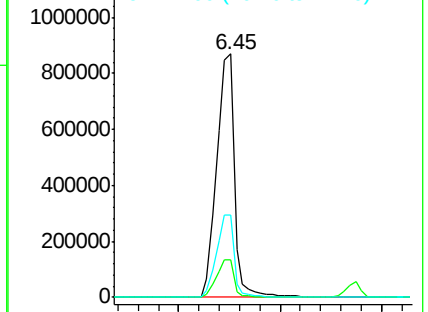
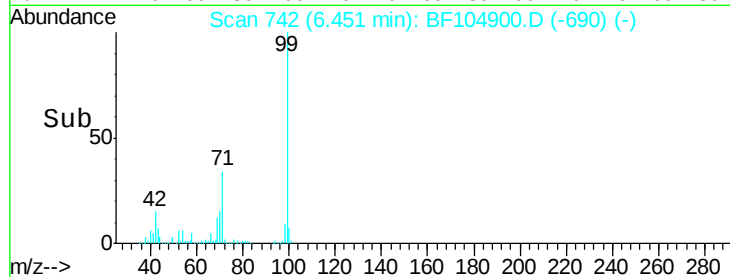


Abundance

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



#10

Phenol

Concen: 2.635 ng

RT: 6.46 min Scan# 743

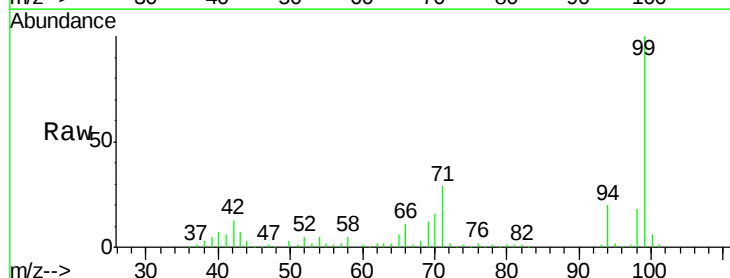
Delta R.T. 0.00 min

Lab File: BF104900.D

Acq: 27 Apr 2018 23:46

Tgt Ion: 94 Resp: 23536

Ion	Ratio	Lower	Upper
94	100		
65	31.9	7.9	47.9
66	55.5	16.2	56.2

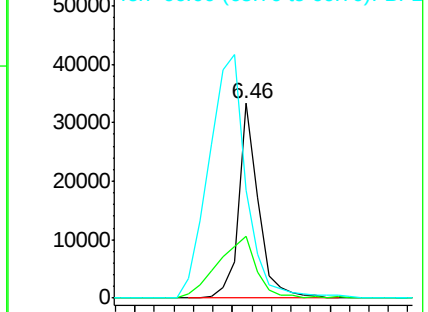
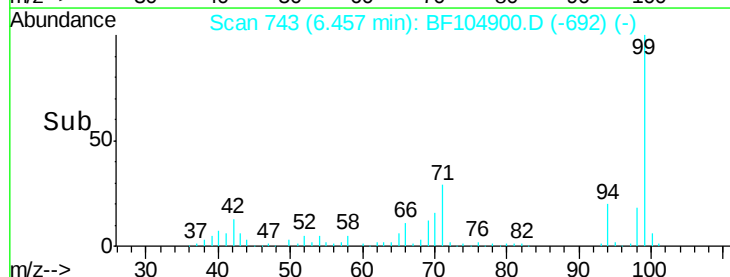


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

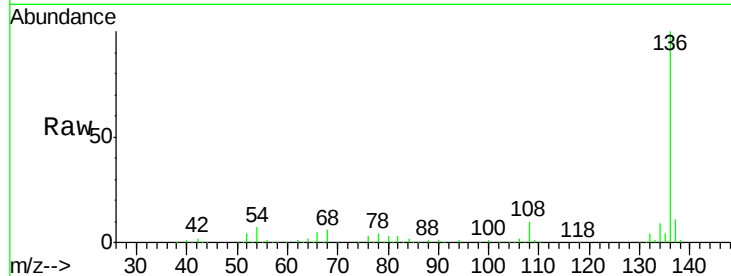
Ion 66.00 (65.70 to 66.70): BF1



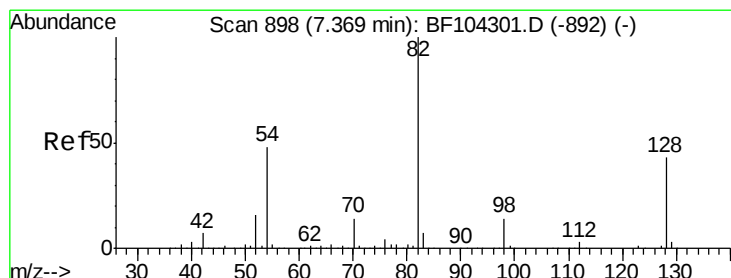
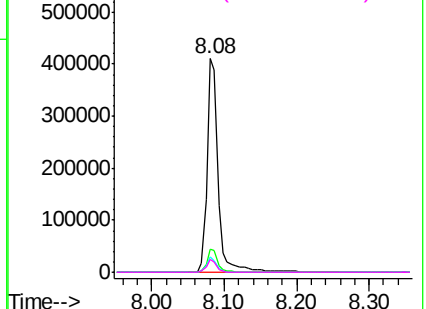
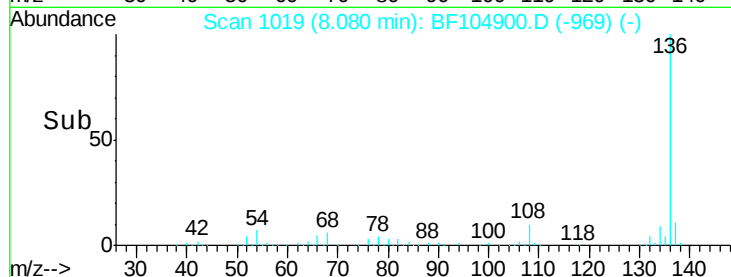


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tot Ion:136	Resp:	437052	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 7.2	6.6	9.8	
68 6.0	5.0	7.4	

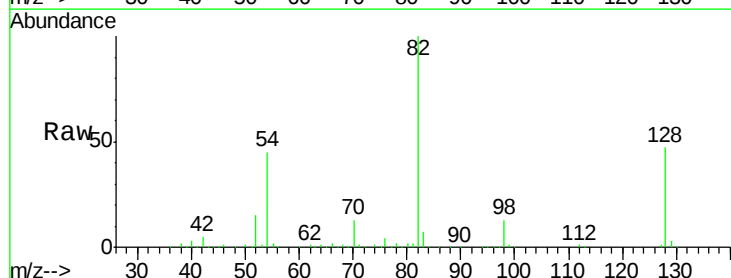


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

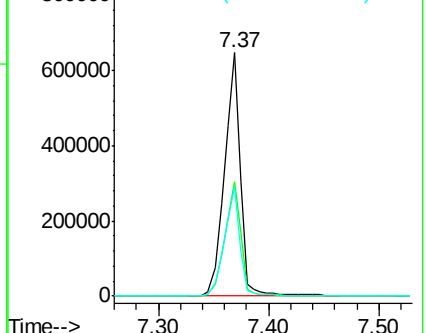
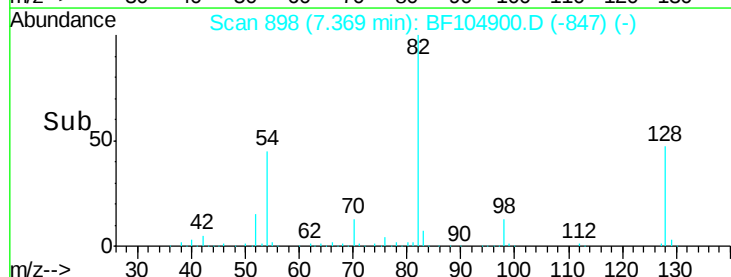


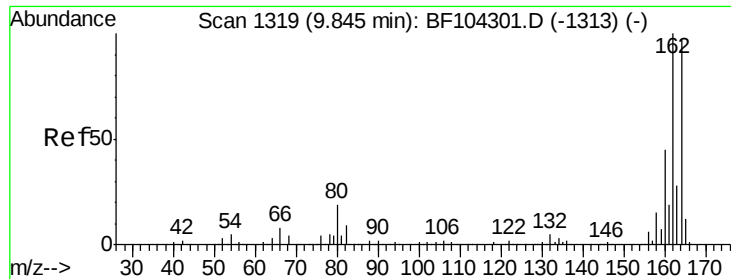
#23
Nitrobenzene-d5
Concen: 97.441 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tgt	Ion: 82	Resp:	652192
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
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. 0.00 min

Lab File: BF104900.D

Acq: 27 Apr 2018 23:46

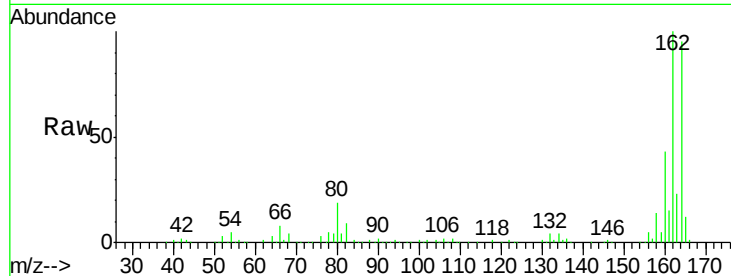
Tot Ion:164 Resp: 194568

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

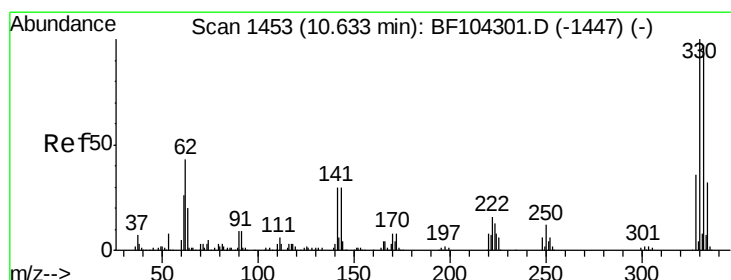
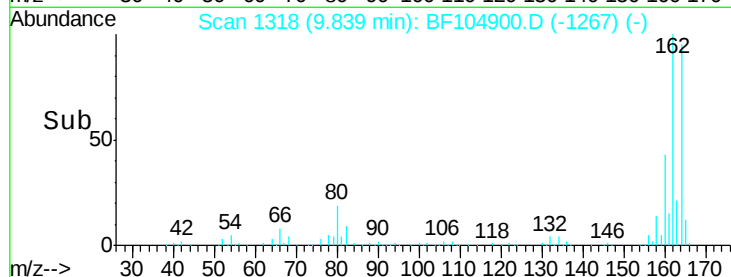
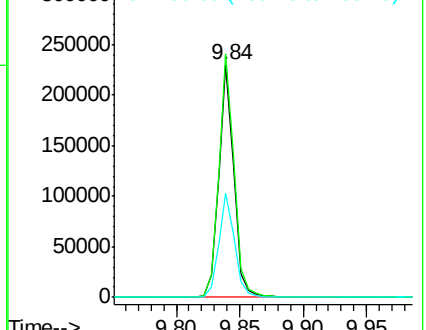
160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 130.876 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF104900.D

Acq: 27 Apr 2018 23:46

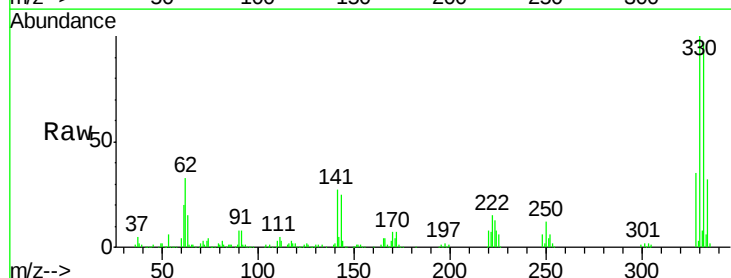
Tgt Ion:330 Resp: 264148

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

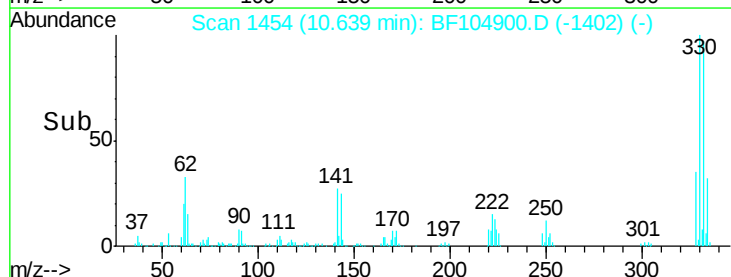
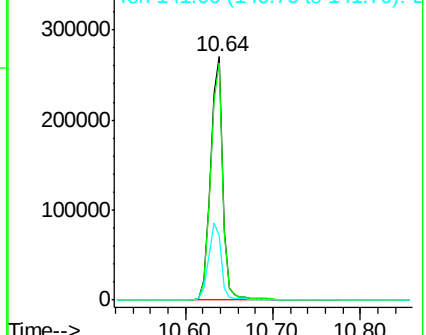
141 32.9 29.9 44.9



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

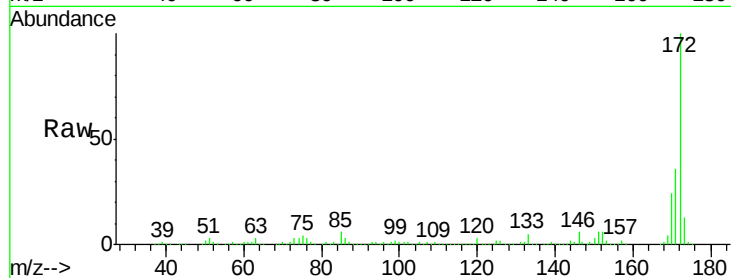




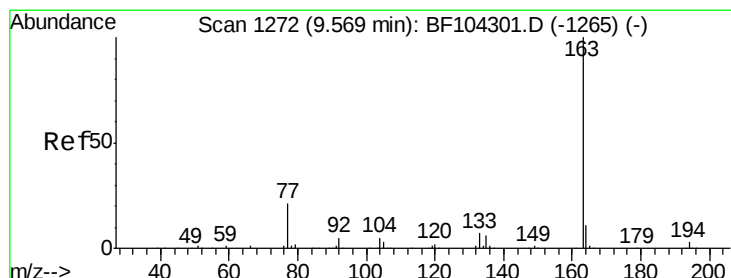
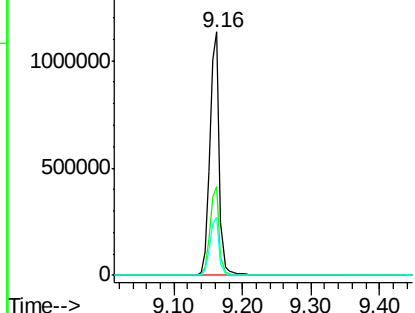
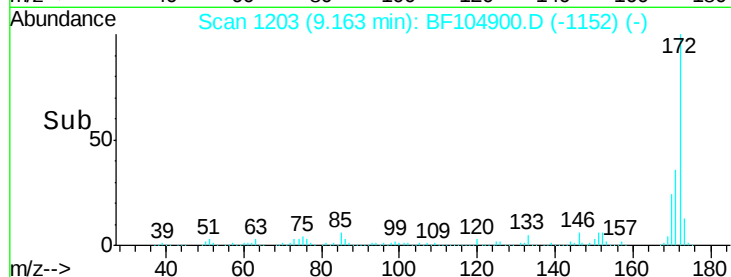
#44
2-Fluorobiphenyl
Concen: 89.463 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tot Ion:172 Resp: 1101862

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



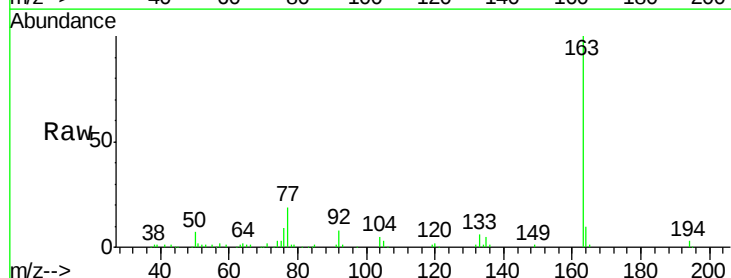
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



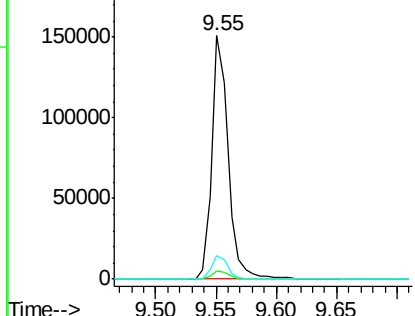
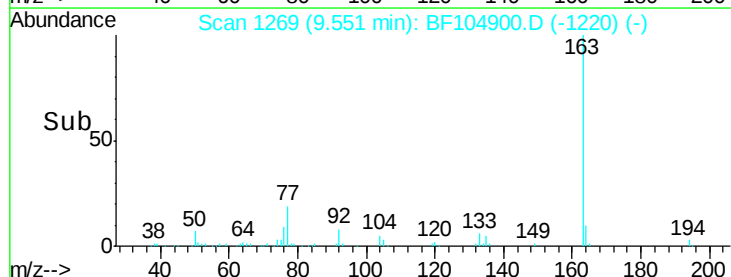
#49
Dimethylphthalate
Concen: 9.157 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

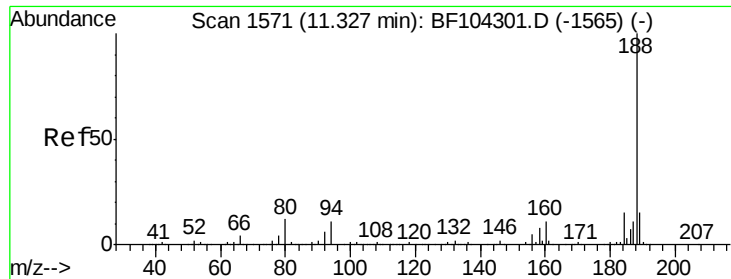
Tgt Ion:163 Resp: 140496

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2



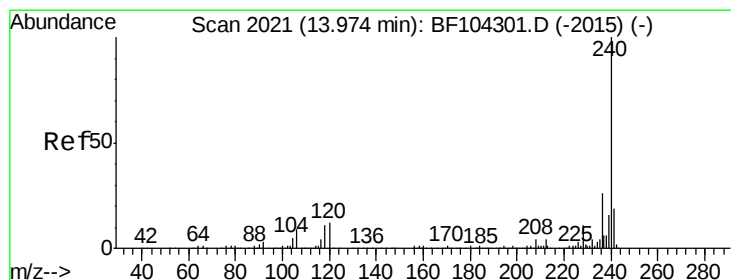
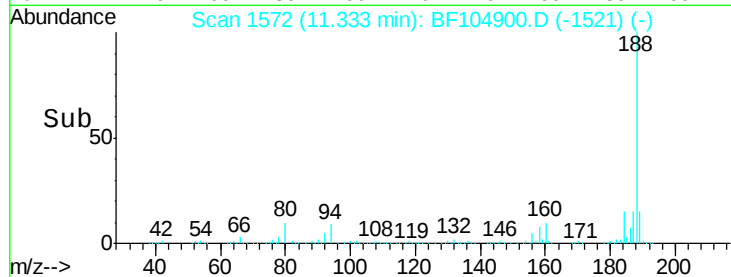
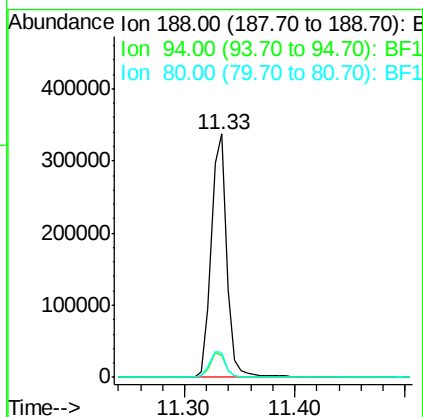
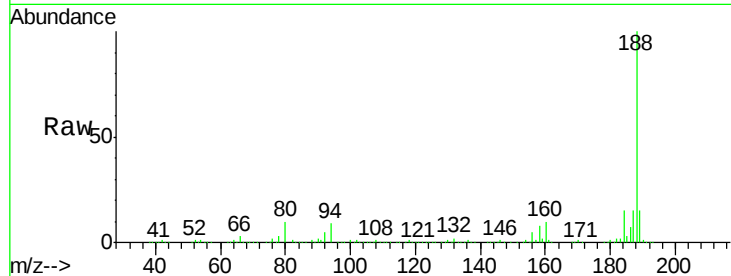
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





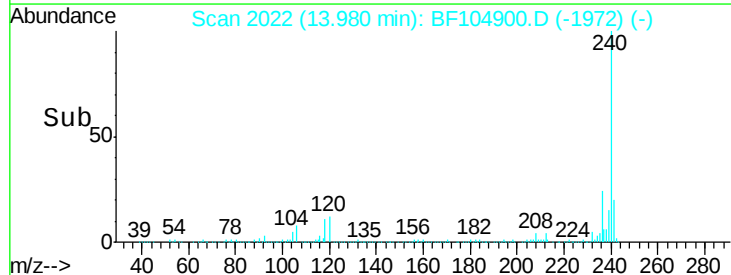
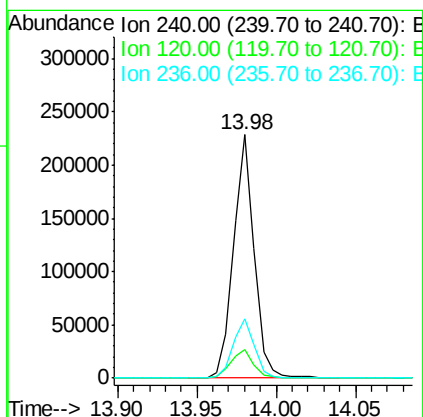
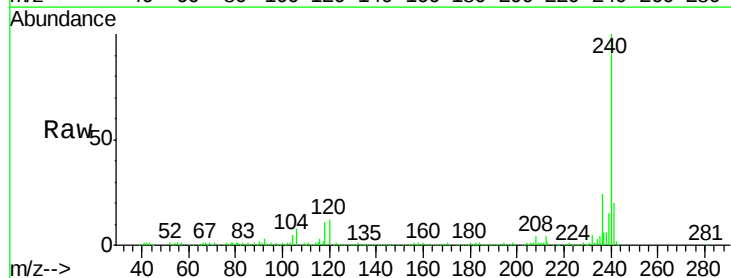
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104900.D
Acq: 27 Apr 2018 23:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.5	20.7	31.1

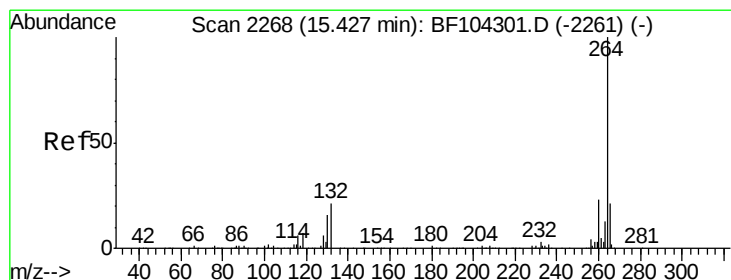
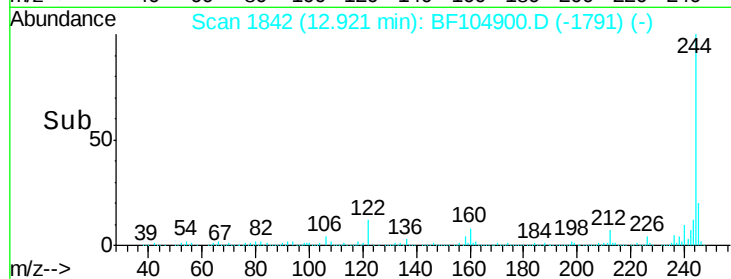
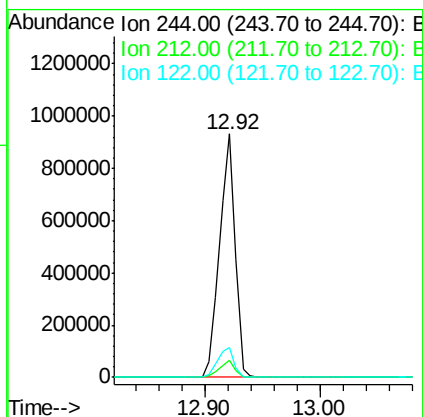
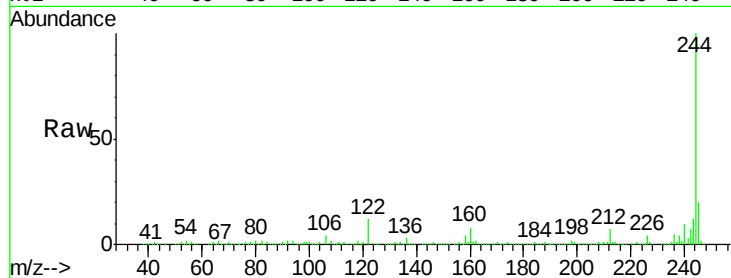




#78
 Terphenyl-d14
 Concen: 96.739 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104900.D
 Acq: 27 Apr 2018 23:46

Tot Ion:244 Resp: 877088

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF104900.D
 Acq: 27 Apr 2018 23:46

Tgt Ion:264 Resp: 177436

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

