

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104883.D
 Acq On : 27 Apr 2018 16:10
 Operator : JU/SJ
 Sample : J2544-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

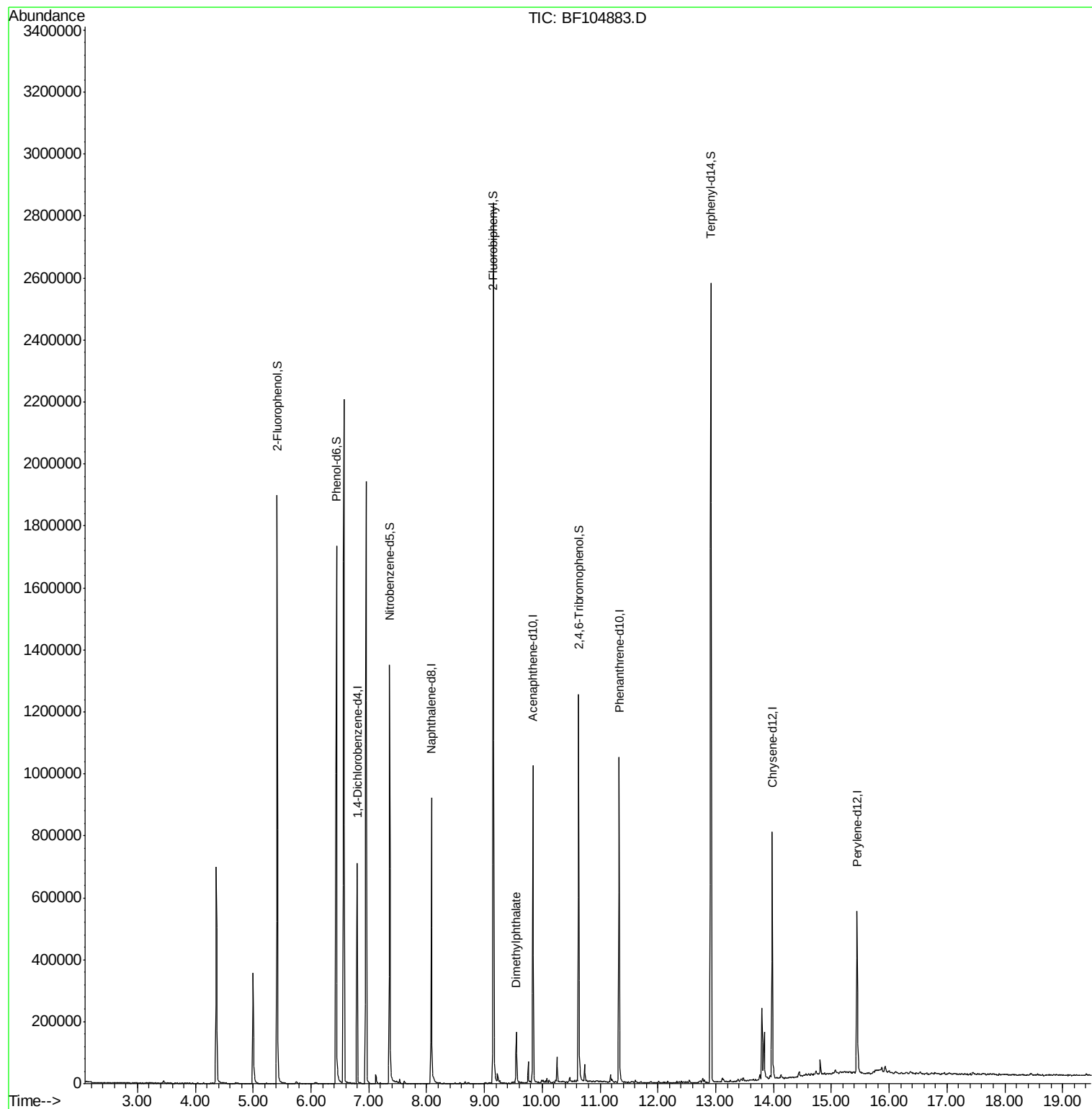
Quant Time: Apr 27 17:23:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

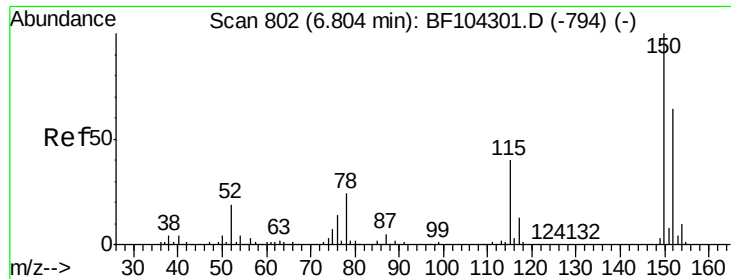
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109085	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	457350	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	214402	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	391787	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273717	20.00	ng	-0.01
86) Perylene-d12	15.44	264	260007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	555150	77.82	ng	0.00
7) Phenol-d6	6.44	99	722497	82.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	467890	66.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	171613	77.16	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	887842	65.42	ng	0.00
78) Terphenyl-d14	12.92	244	922176	76.81	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	70271	4.156	ng	99

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

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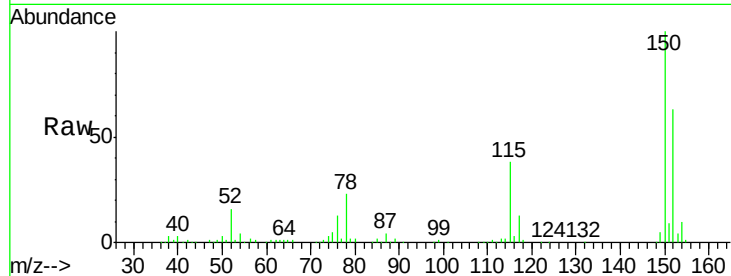




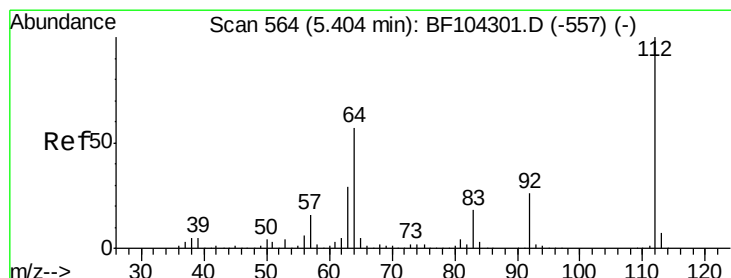
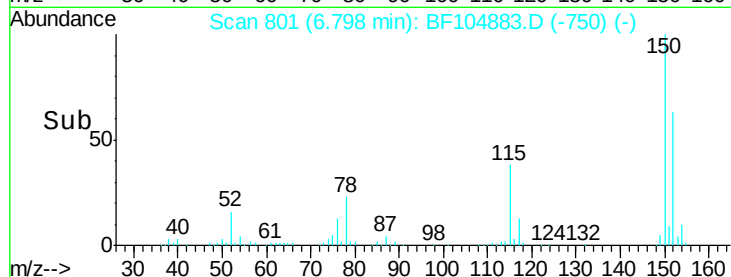
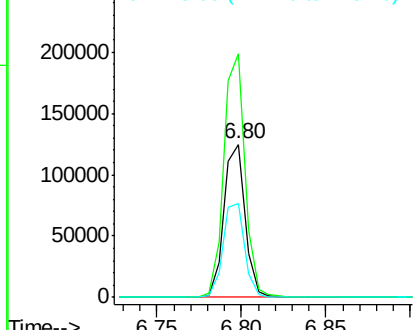
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.0	50.1	75.1



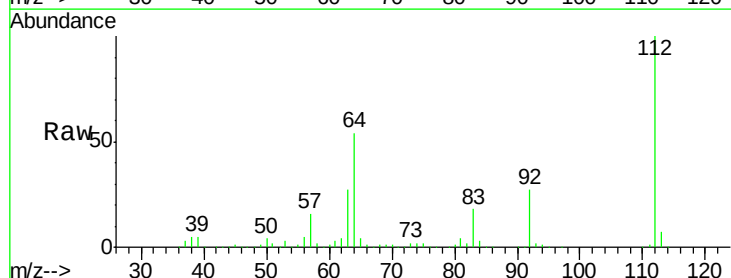
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



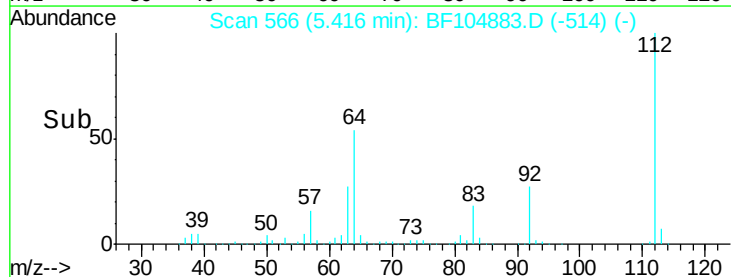
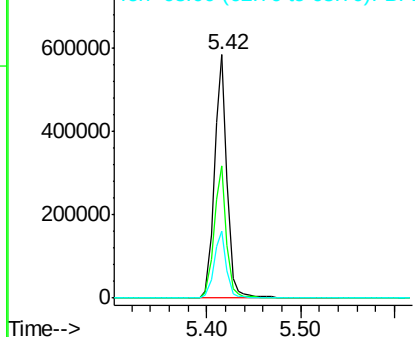
#5

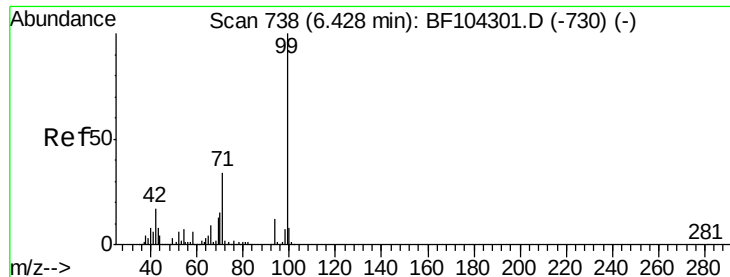
2-Fluorophenol
Concen: 77.816 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.5	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: 82.425 ng

RT: 6.44 min Scan# 740

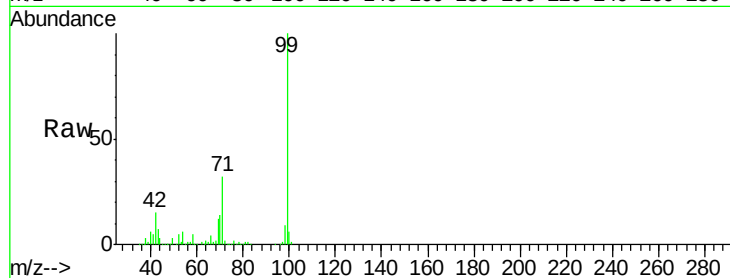
Delta R.T. -0.01 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

Tot Ion: 99 Resp: 722497

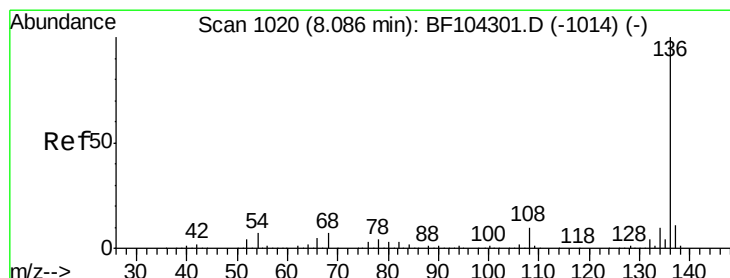
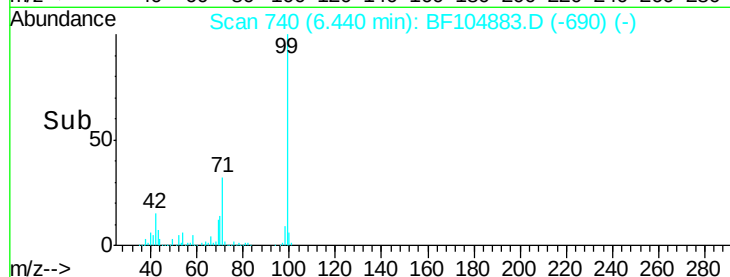
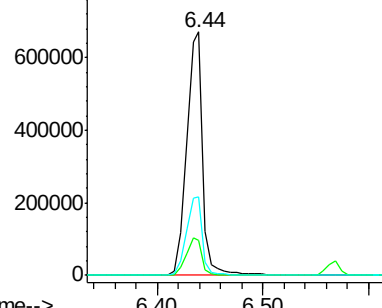
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	32.1	25.4	38.0



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: 8.08 min Scan# 1019

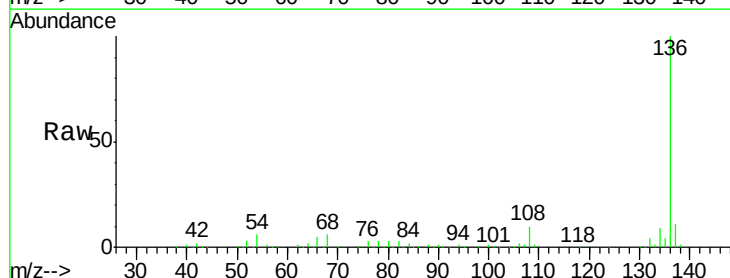
Delta R.T. -0.01 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

Tgt Ion: 136 Resp: 457350

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

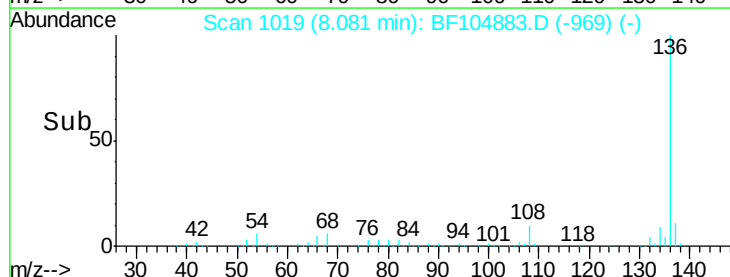
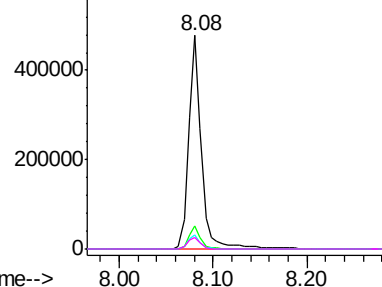


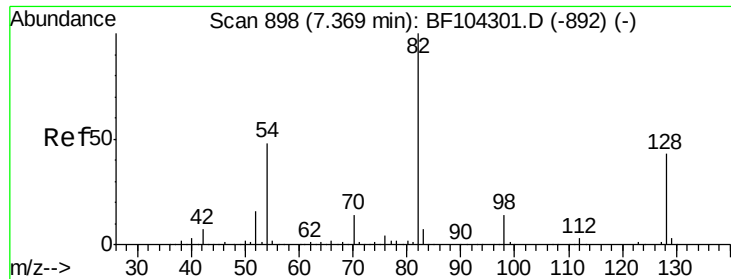
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

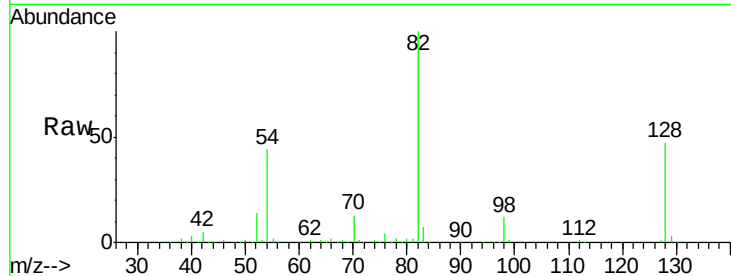
Ion 68.00 (67.70 to 68.70): BF1



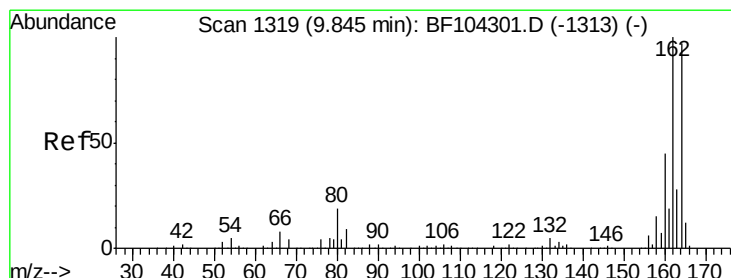
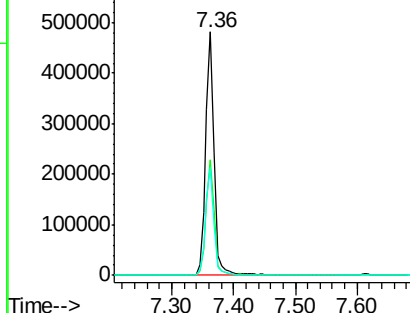
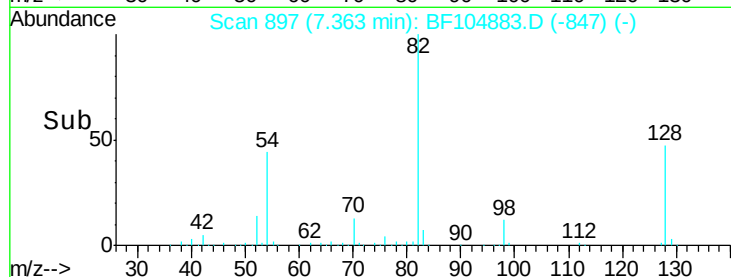


#23
 Nitrobenzene-d5
 Concen: 66.803 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	82	Resp	467890
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.3	41.4	62.2

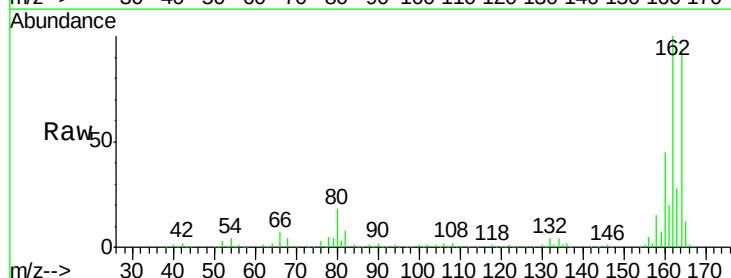


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

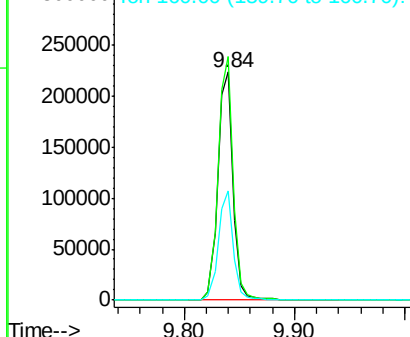
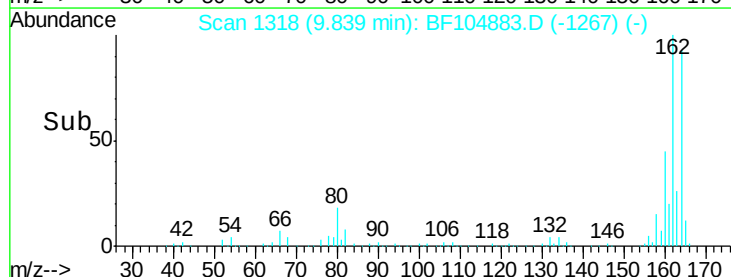


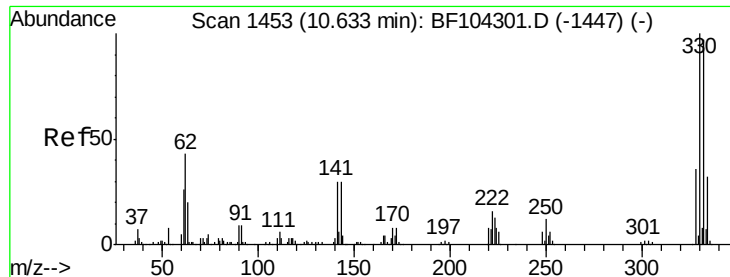
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	164	Resp	214402
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	106.7	38.3	57.5
160	47.6		



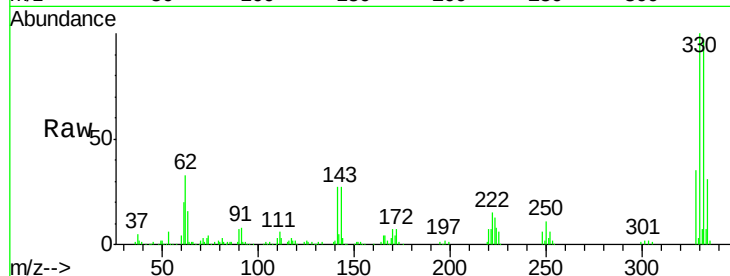
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



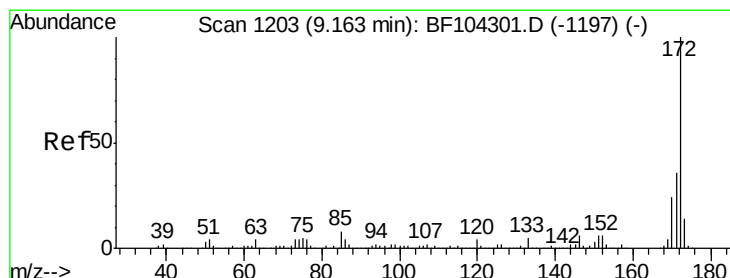
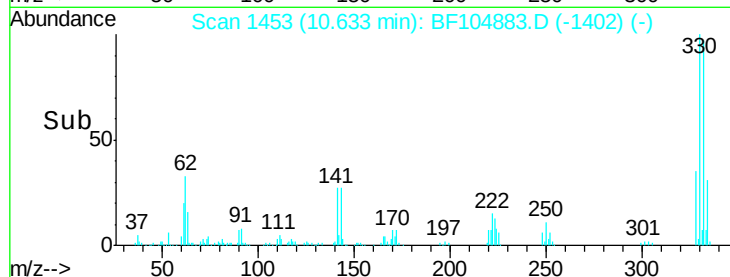
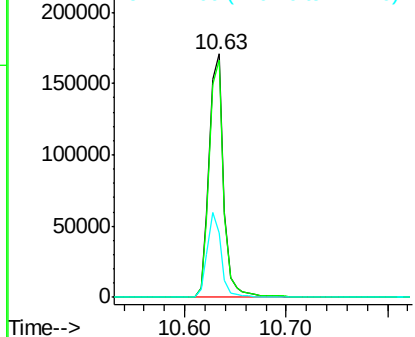


#41
 2,4,6-Tribromophenol
 Concen: 77.162 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.2	29.9	44.9

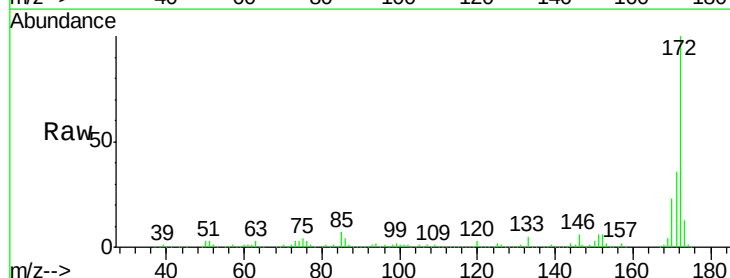


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

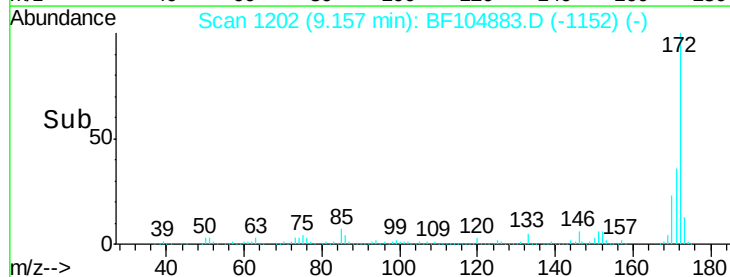
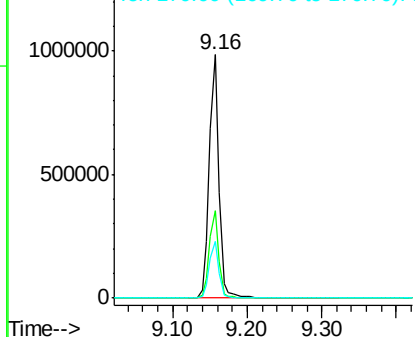


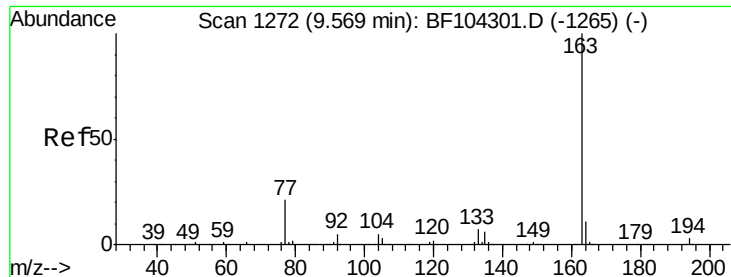
#44
 2-Fluorobiphenyl
 Concen: 65.418 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	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: 4.156 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

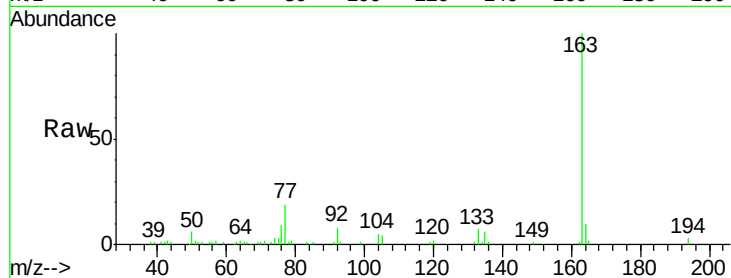
Tot Ion:163 Resp: 70271

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

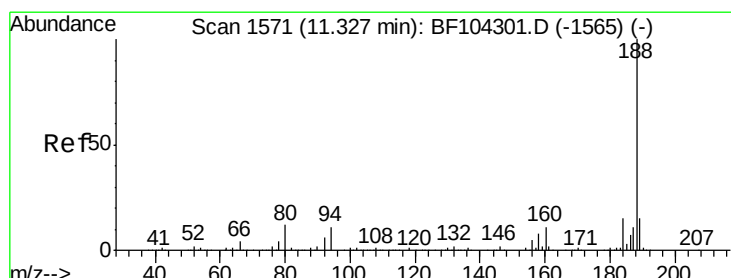
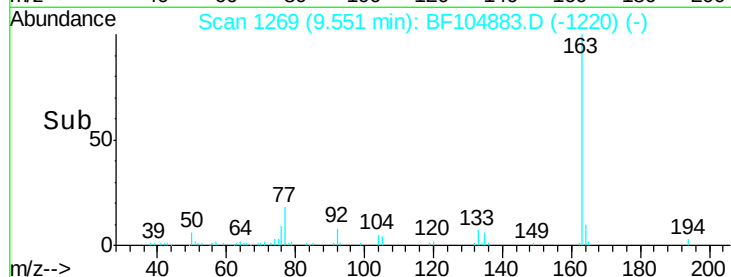
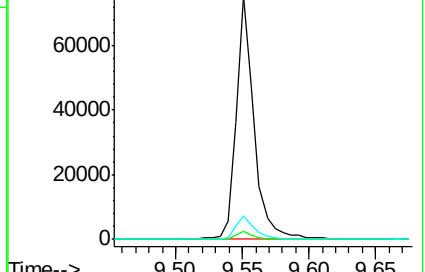
164 9.6 8.2 12.2



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# 1571

Delta R.T. -0.01 min

Lab File: BF104883.D

Acq: 27 Apr 2018 16:10

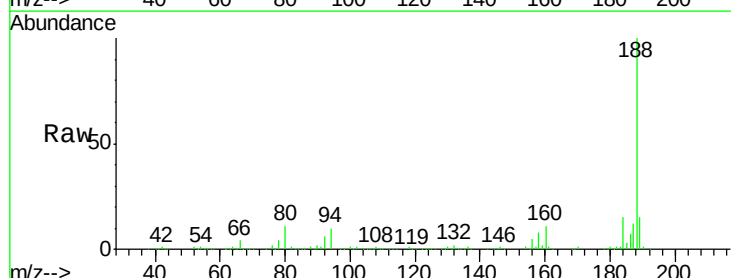
Tgt Ion:188 Resp: 391787

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

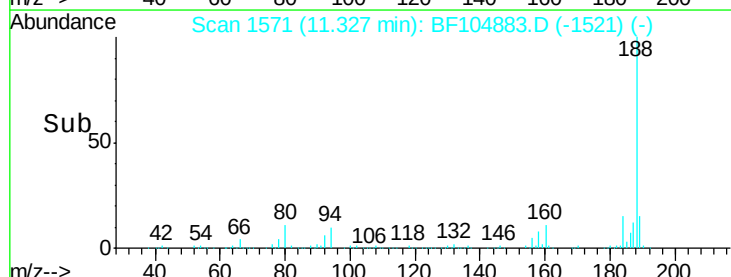
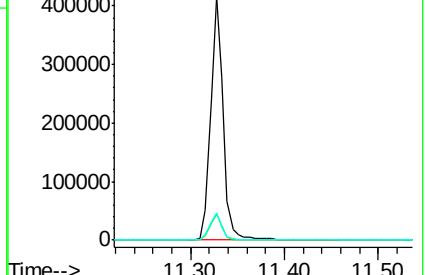
80 11.5 9.2 13.8

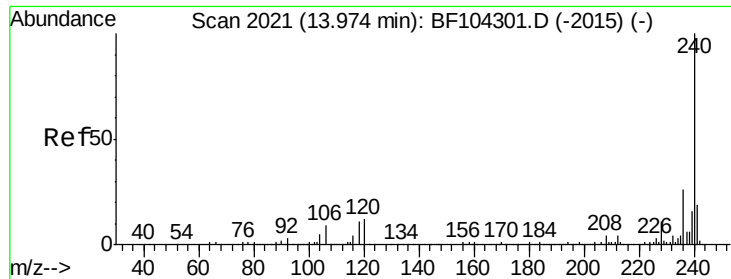


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

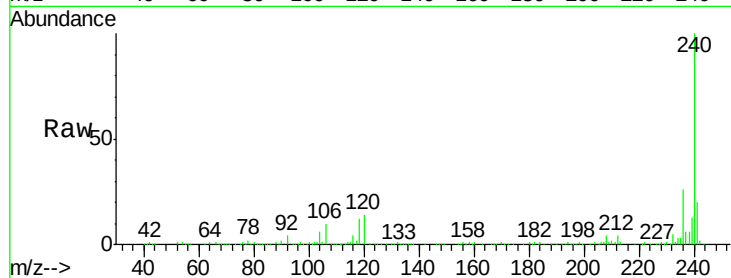
Ion 80.00 (79.70 to 80.70): BF1



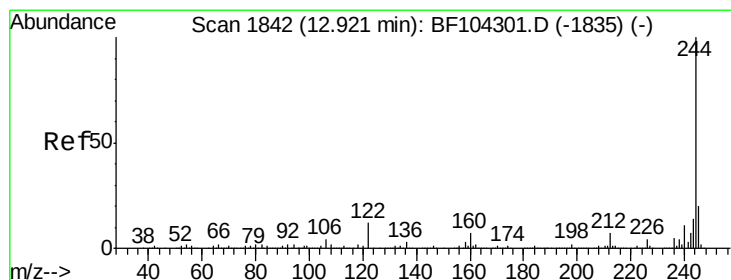
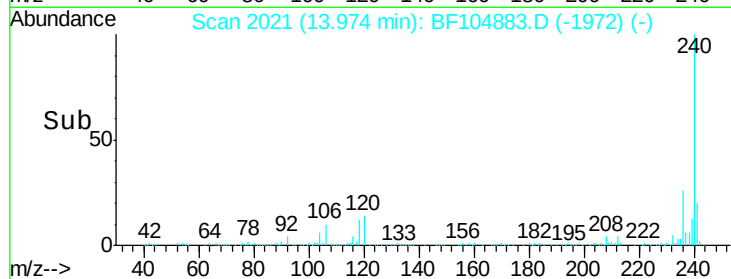
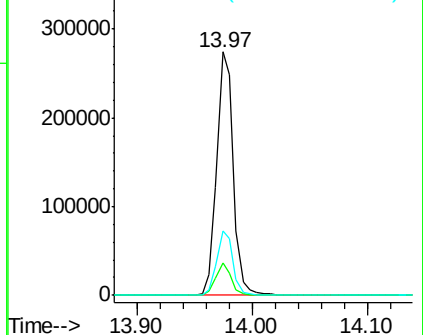


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	26.2	20.7	31.1

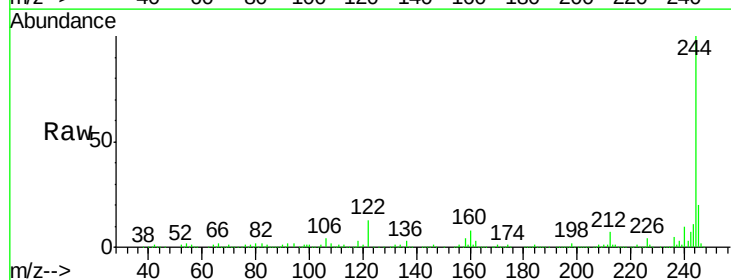


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

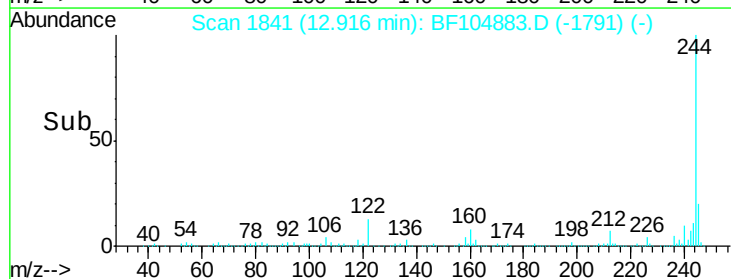
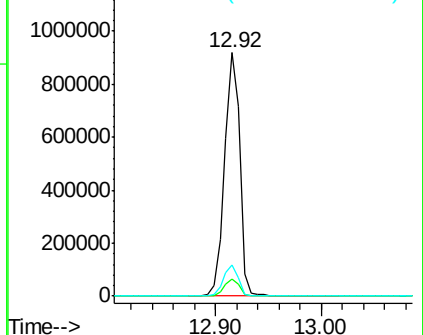


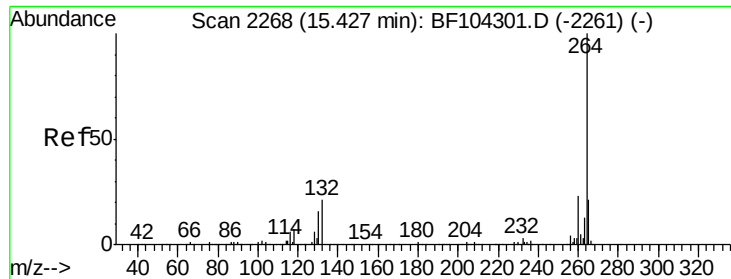
#78
 Terphenyl-d14
 Concen: 76.809 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104883.D
 Acq: 27 Apr 2018 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.0	11.0	16.4



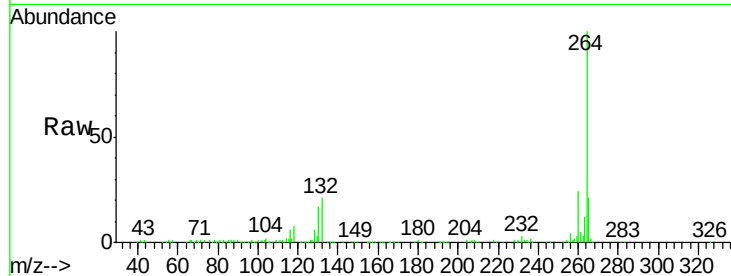
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104883.D
Acq: 27 Apr 2018 16:10

Tot Ion:264	Resp:	260007
Ion	Ratio	Lower Upper
264	100	
260	23.6	19.2 28.8
265	21.2	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

