

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104899.D
 Acq On : 27 Apr 2018 23:19
 Operator : JU/SJ
 Sample : J2549-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

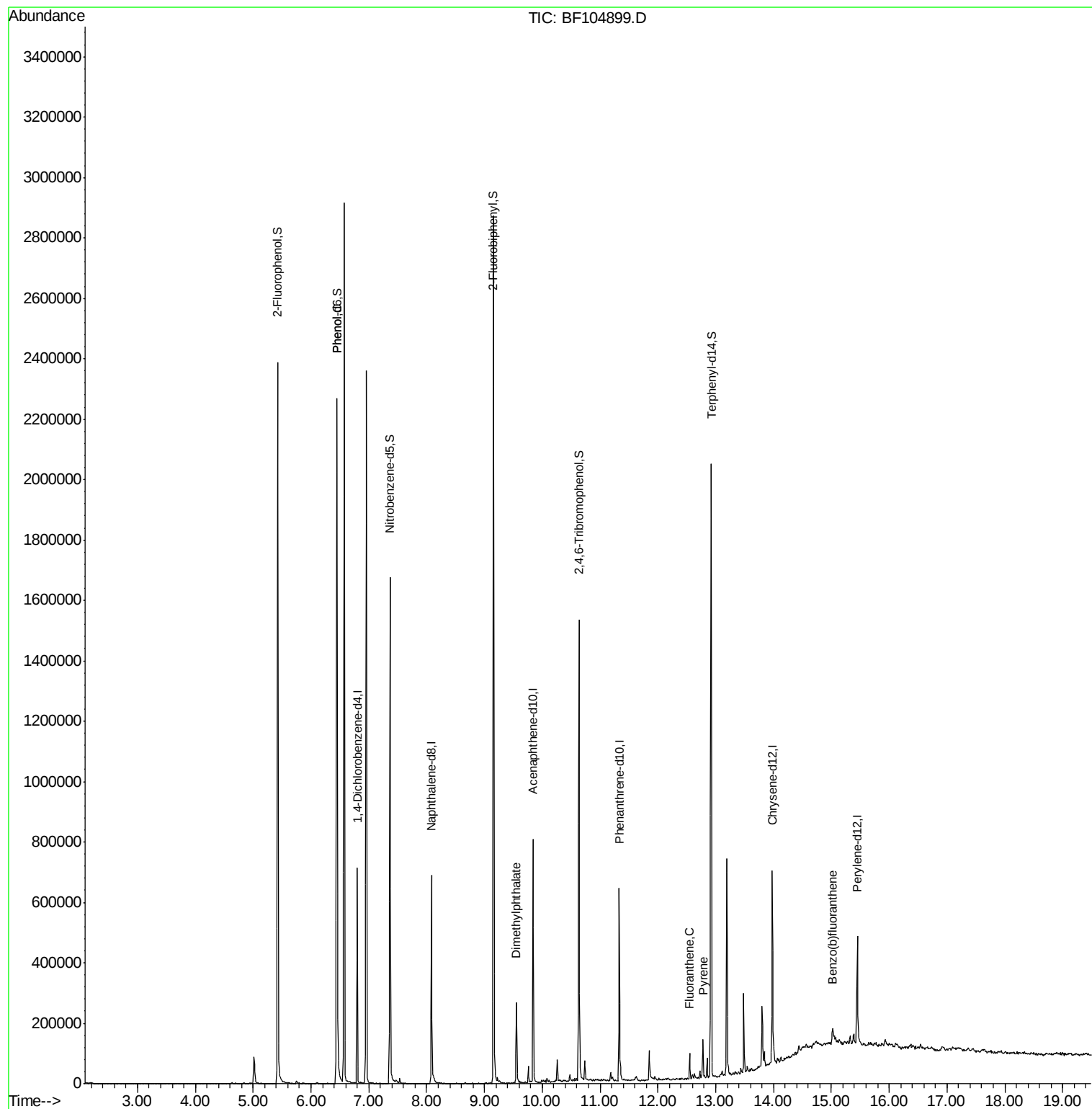
Quant Time: Apr 28 00:13:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98918	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	390612	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	158060	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	251097	20.00	ng	0.00
75) Chrysene-d12	13.98	240	199357	20.00	ng	0.00
86) Perylene-d12	15.45	264	162175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	809589	125.14	ng	0.01
7) Phenol-d6	6.45	99	988089	124.31	ng	0.00
23) Nitrobenzene-d5	7.37	82	588285	98.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206931	126.21	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	927099	92.66	ng	0.00
78) Terphenyl-d14	12.92	244	711135	81.32	ng	0.00
Target Compounds						
10) Phenol	6.46	94	20157	2.390	ng	Qvalue # 67
49) Dimethylphthalate	9.55	163	118059	9.472	ng	100
74) Fluoranthene	12.55	202	36387	2.491	ng	95
77) Pyrene	12.78	202	35894	2.429	ng	99
87) Benzo(b)fluoranthene	15.02	252	24651m	2.407	ng	

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

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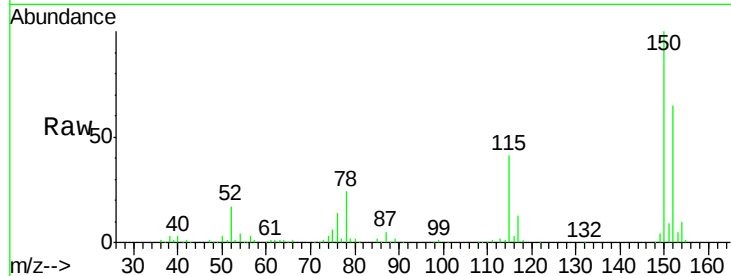




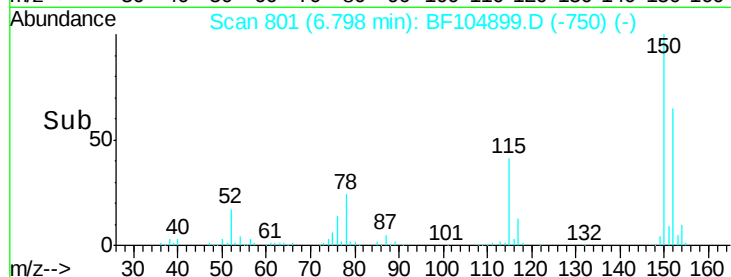
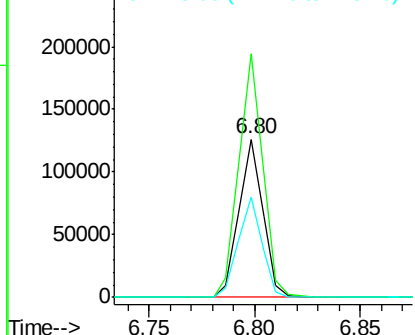
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	63.2	50.1	75.1



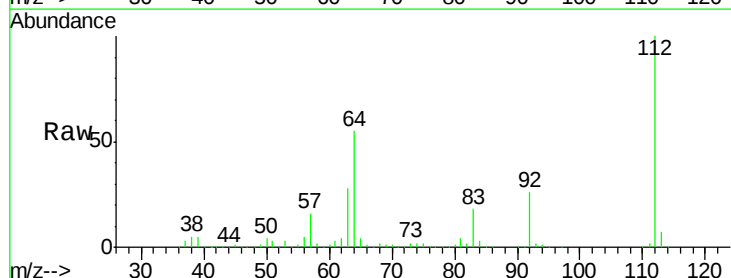
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



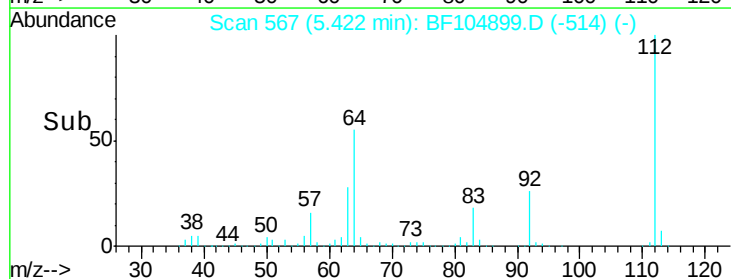
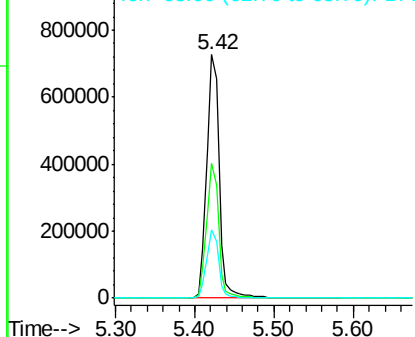
#5

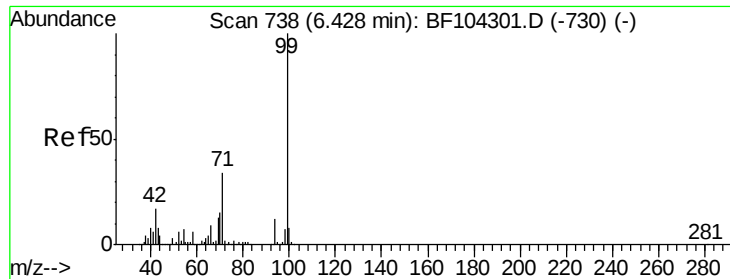
2-Fluorophenol
Concen: 125.145 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.9	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: 124.310 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

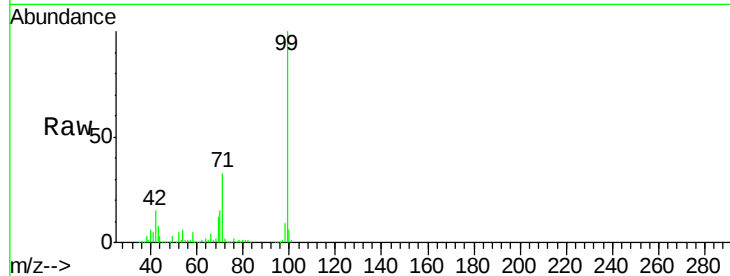
Tot Ion: 99 Resp: 988089

Ion Ratio Lower Upper

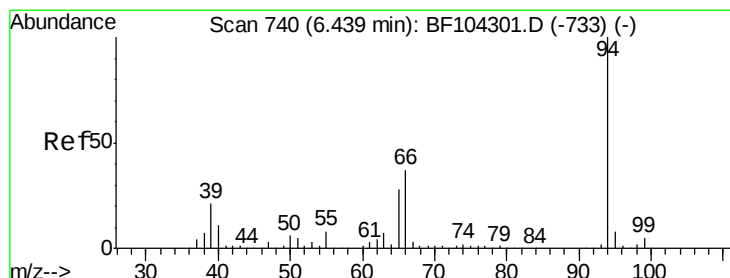
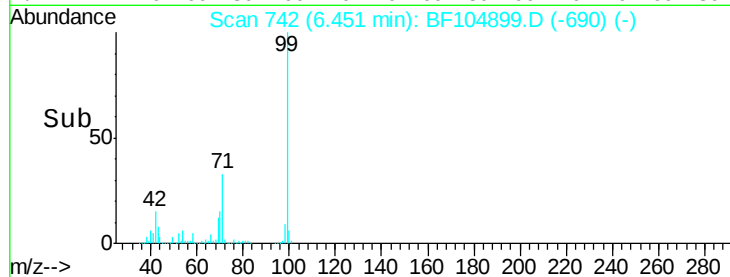
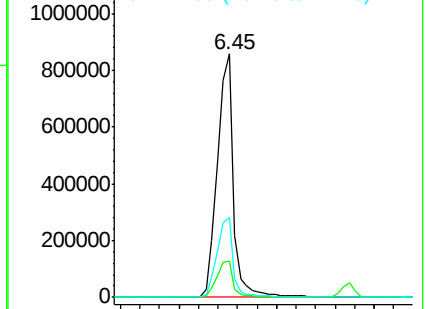
99 100

42 15.1 14.5 21.7

71 33.0 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: 2.390 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

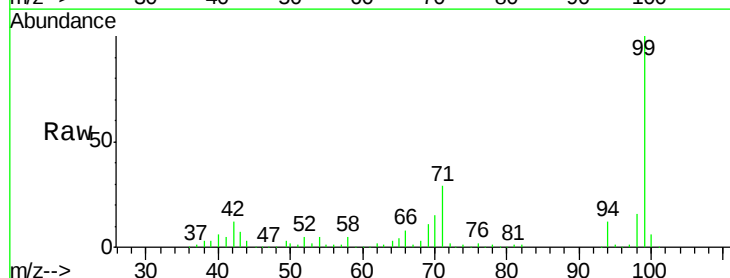
Tgt Ion: 94 Resp: 20157

Ion Ratio Lower Upper

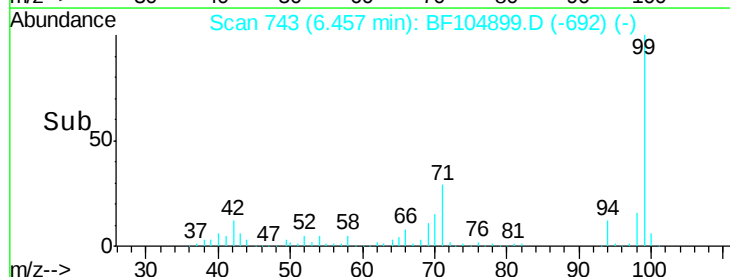
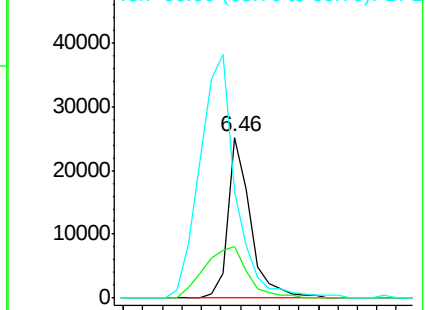
94 100

65 32.4 7.9 47.9

66 66.4 16.2 56.2#



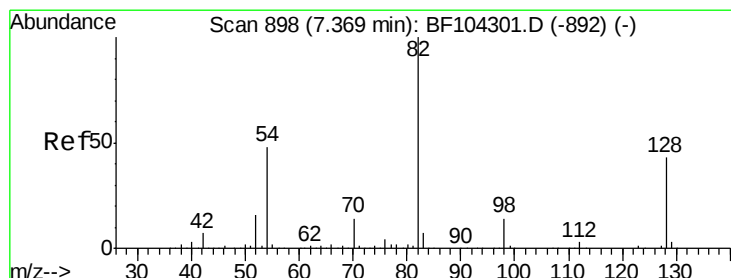
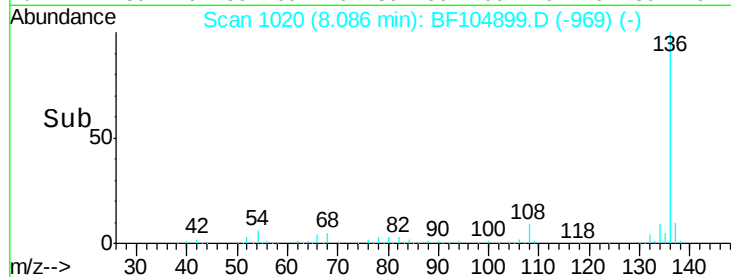
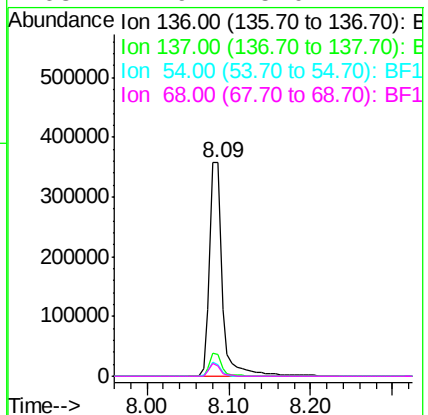
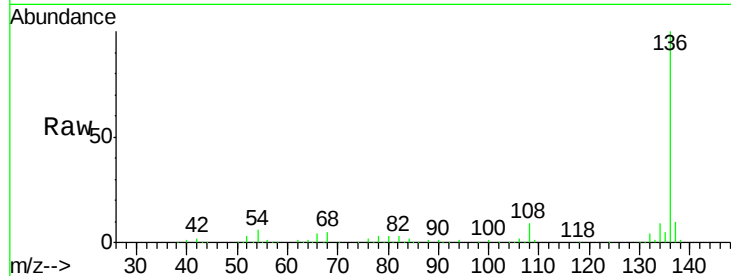
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





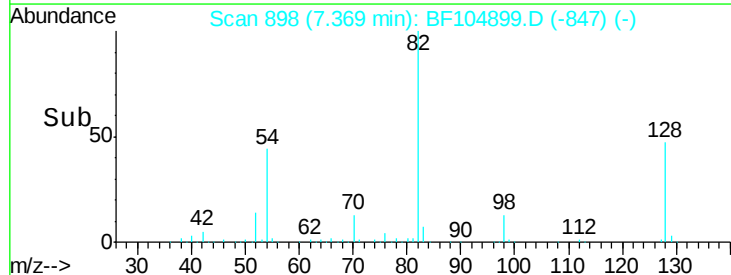
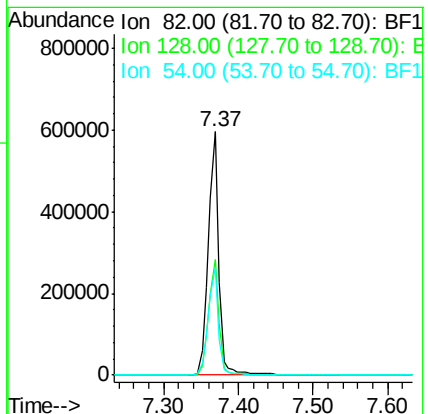
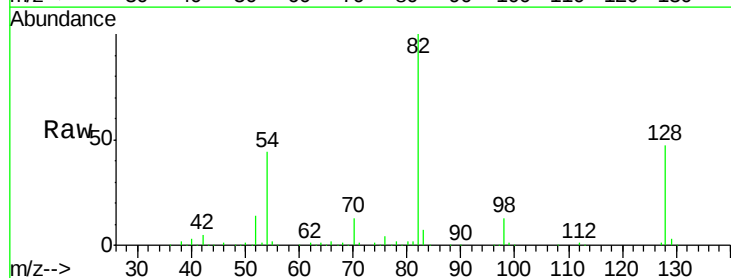
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

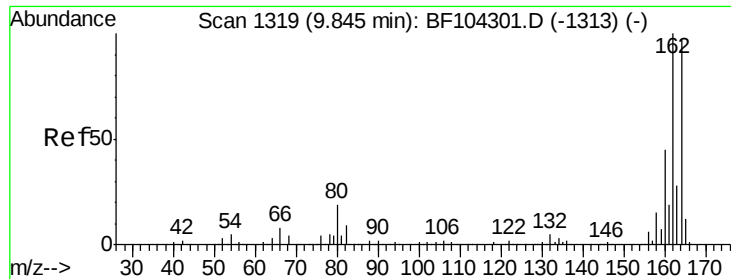
Tot Ion:136 Resp: 390612
Ion Ratio Lower Upper
136 100
137 10.1 8.9 13.3
54 5.7 6.6 9.8#
68 4.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 98.343 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

Tgt Ion: 82 Resp: 588285
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 44.2 41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

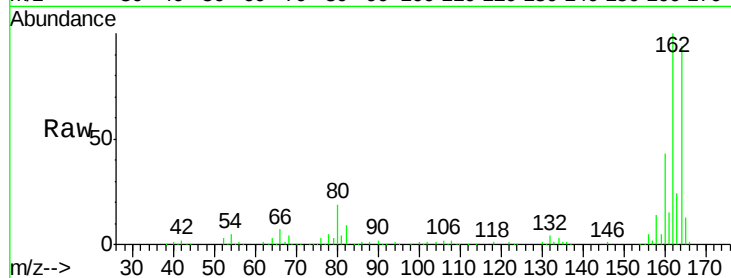
Tot Ion:164 Resp: 158060

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

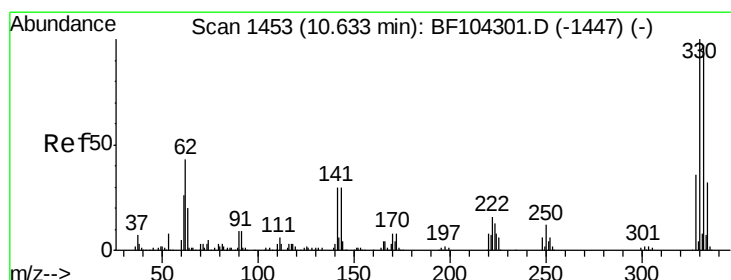
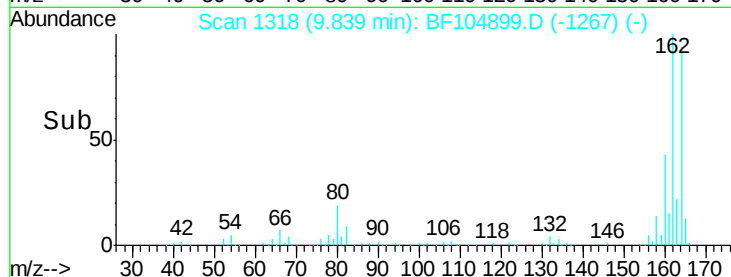
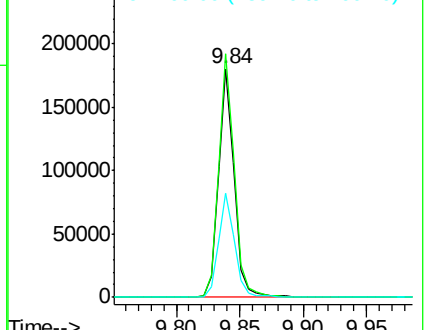
160 45.7 38.3 57.5



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: 126.208 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

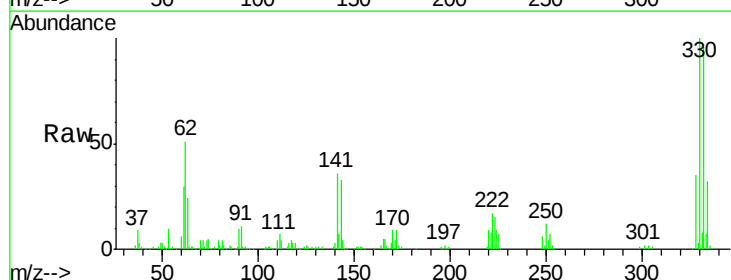
Tgt Ion:330 Resp: 206931

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

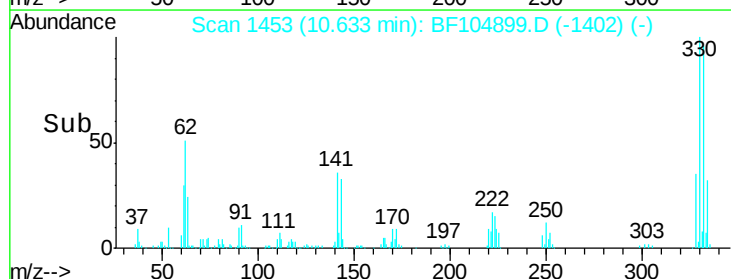
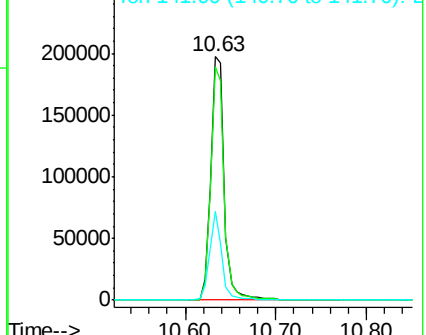
141 33.3 29.9 44.9



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

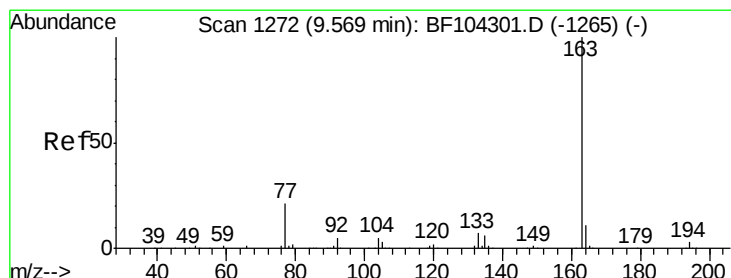
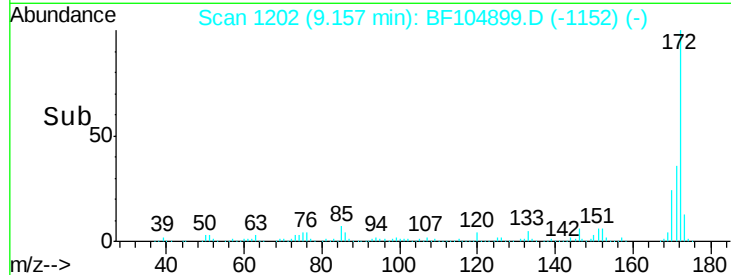
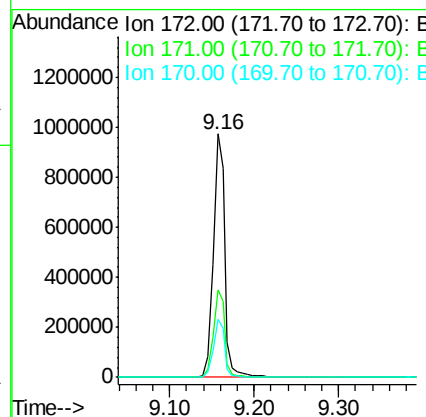
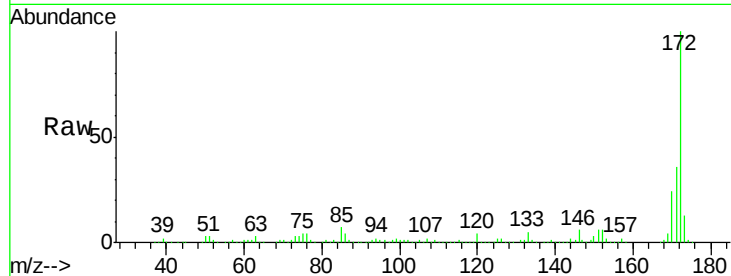




#44
 2-Fluorobiphenyl
 Concen: 92.660 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104899.D
 Acq: 27 Apr 2018 23:19

Tot Ion:172 Resp: 927099

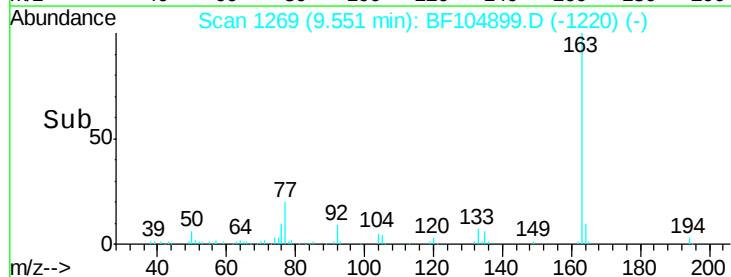
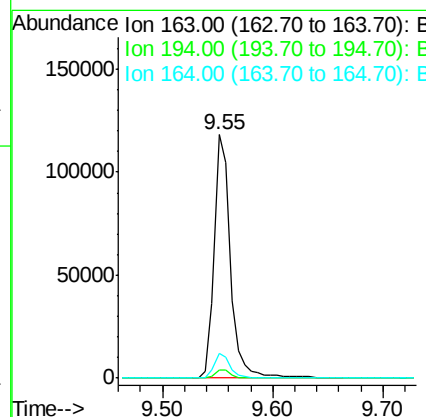
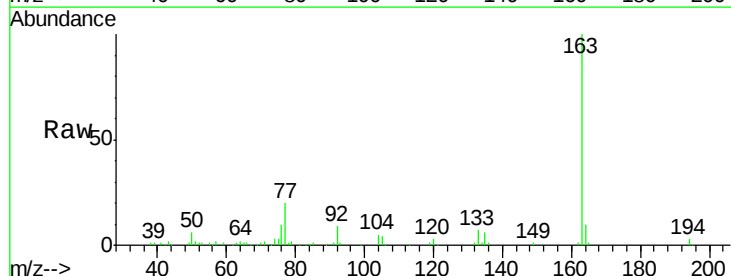
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



#49
 Dimethylphthalate
 Concen: 9.472 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF104899.D
 Acq: 27 Apr 2018 23:19

Tgt Ion:163 Resp: 118059

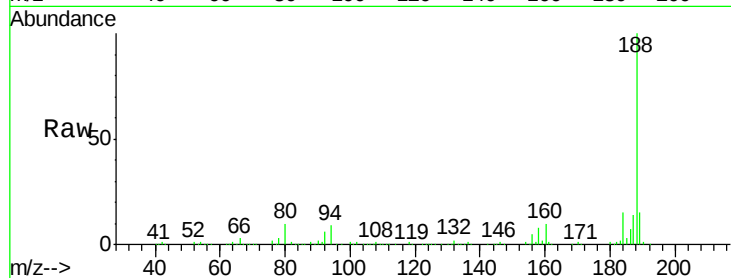
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

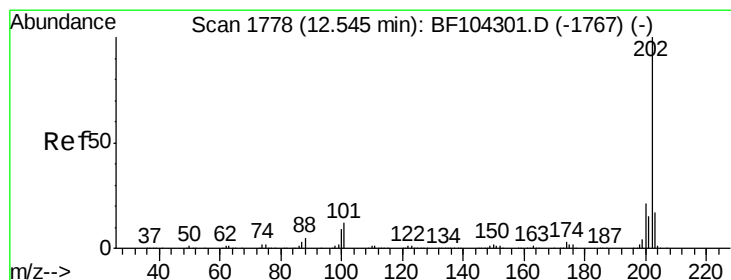
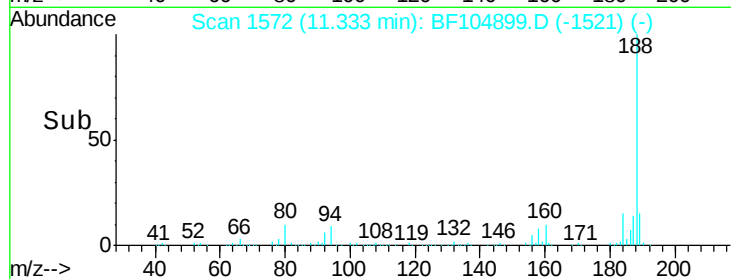
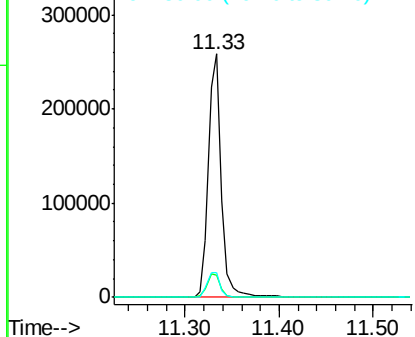
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.2	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

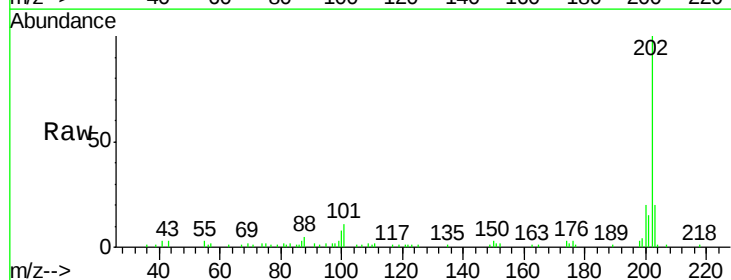
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74
Fluoranthene
Concen: 2.491 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF104899.D
Acq: 27 Apr 2018 23:19

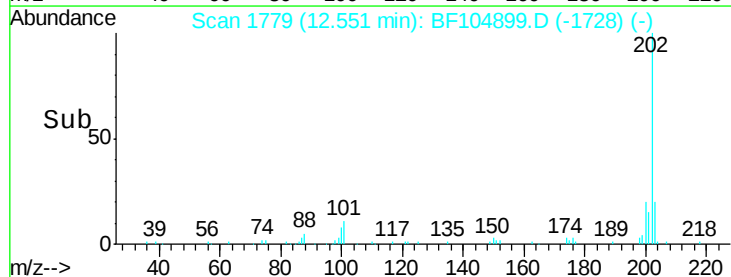
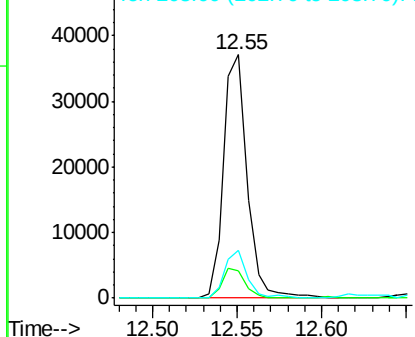
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	19.7	0.0	38.1

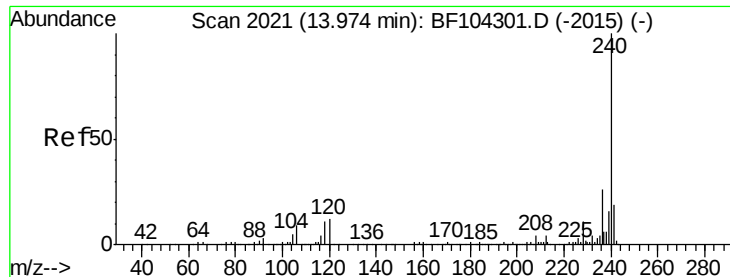


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

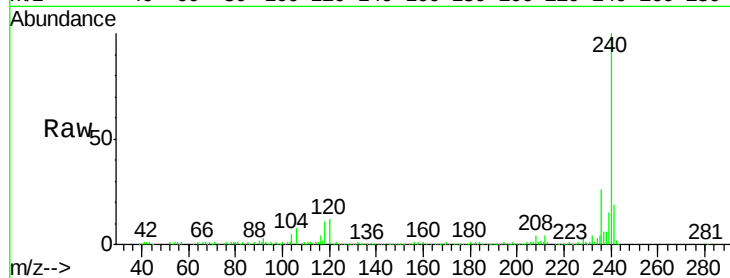
Delta R.T. -0.01 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

Tot Ion:240 Resp: 199357

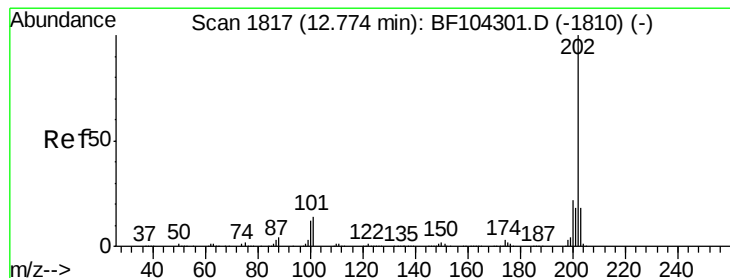
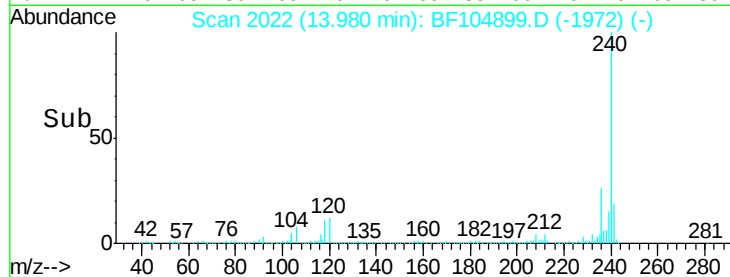
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.4	20.7	31.1



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



#77

Pyrene

Concen: 2.429 ng

RT: 12.78 min Scan# 1818

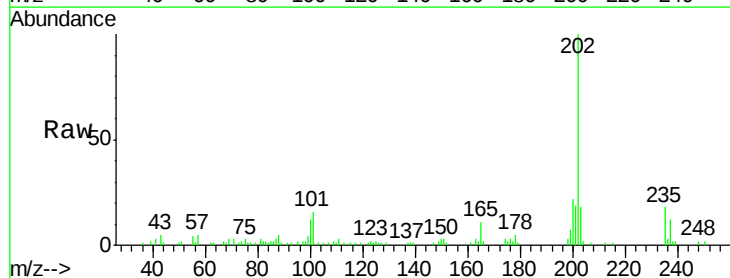
Delta R.T. 0.00 min

Lab File: BF104899.D

Acq: 27 Apr 2018 23:19

Tgt Ion:202 Resp: 35894

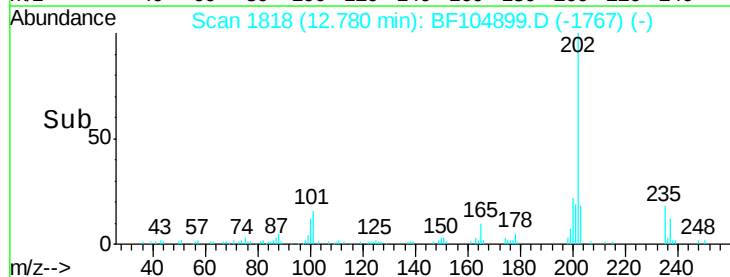
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

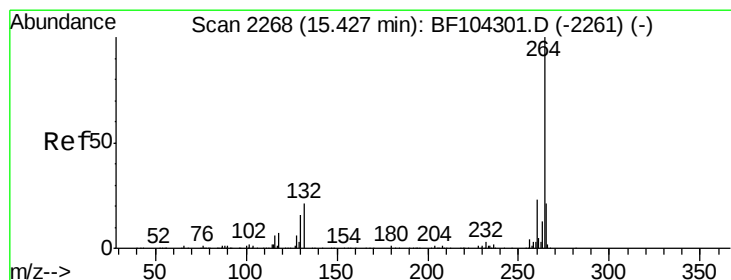
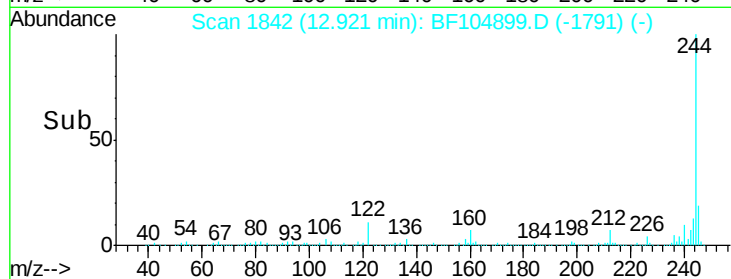
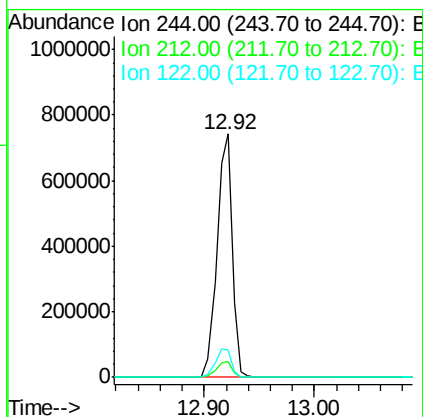
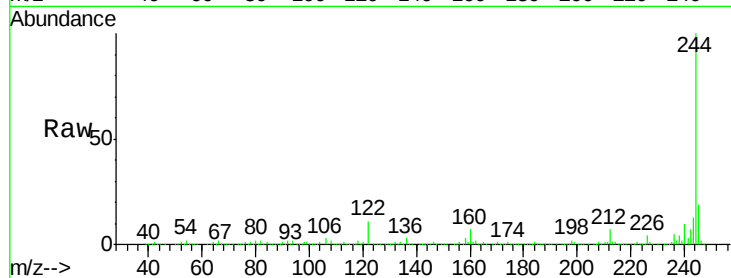
Ion 203.00 (202.70 to 203.70): E





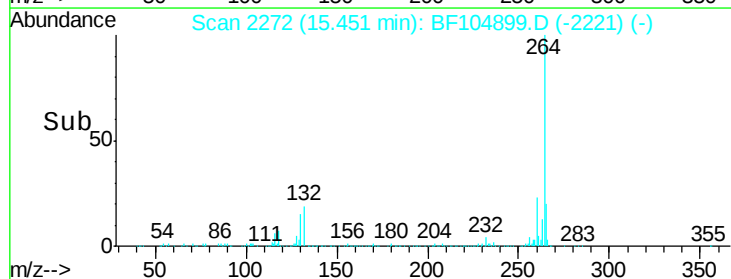
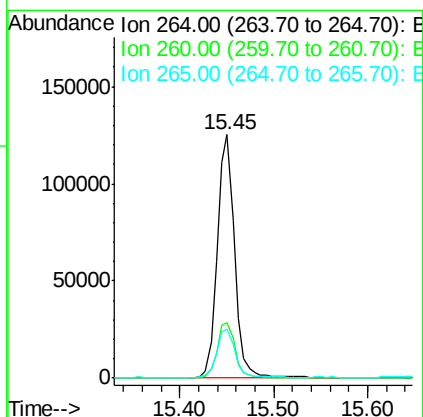
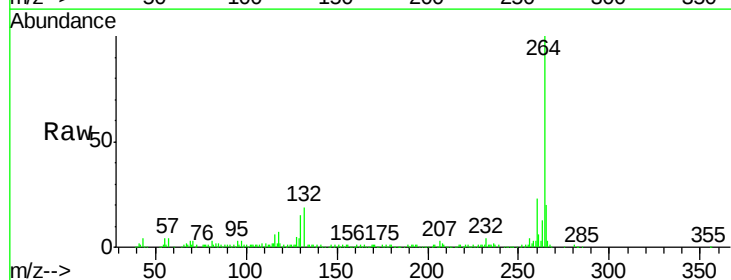
#78
 Terphenyl-d14
 Concen: 81.325 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104899.D
 Acq: 27 Apr 2018 23:19

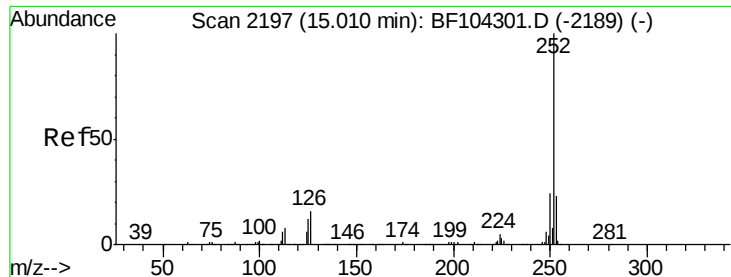
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF104899.D
 Acq: 27 Apr 2018 23:19

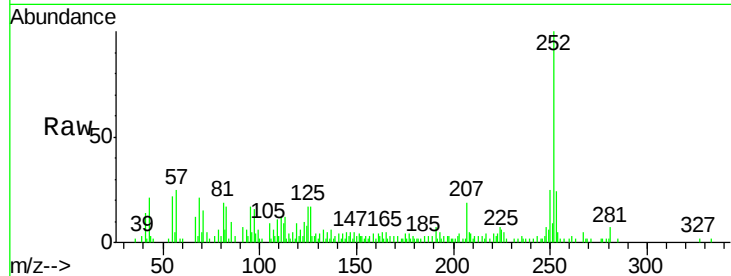
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.407 ng/mL
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BF104899.D
 Acq: 27 Apr 2018 23:19

Tot Ion:	252	Resp:	24651
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	17.4	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

