

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104925.D
 Acq On : 28 Apr 2018 11:52
 Operator : JU/SJ
 Sample : J2574-11
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

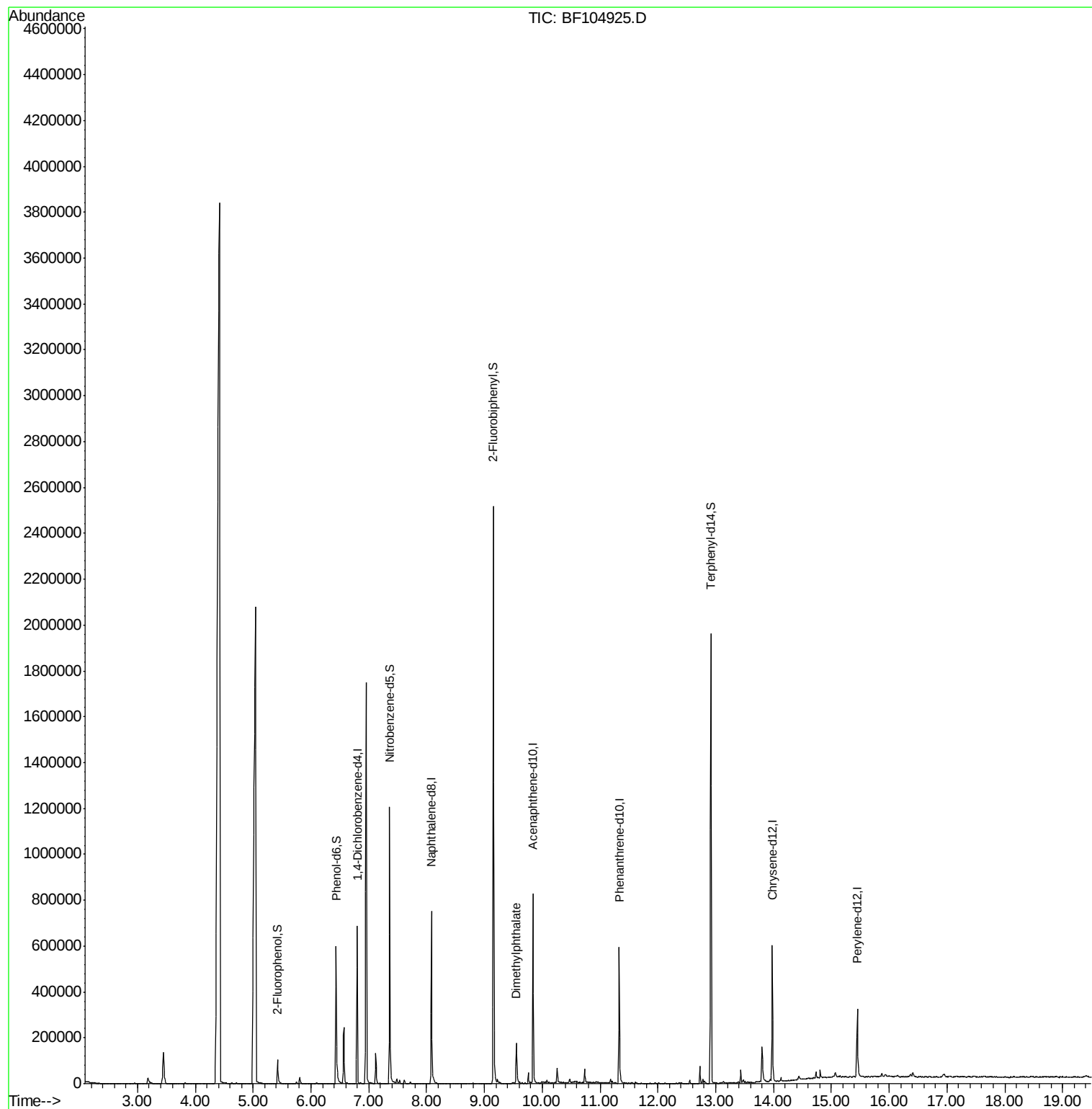
Quant Time: Apr 30 04:34:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100134	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	403360	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	162615	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	261306	20.00	ng	0.00
75) Chrysene-d12	13.98	240	214706	20.00	ng	0.00
86) Perylene-d12	15.45	264	145784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	44516	6.80	ng	0.01
7) Phenol-d6	6.43	99	249387	30.99	ng	-0.01
23) Nitrobenzene-d5	7.36	82	415381	67.24	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	456	0.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	768147	74.62	ng	0.00
78) Terphenyl-d14	12.92	244	635002	67.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	89275	6.962	ng	Qvalue 99

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

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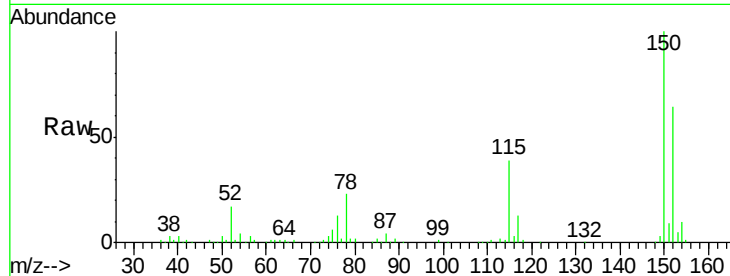




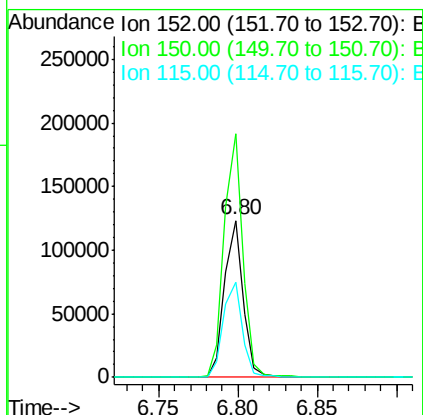
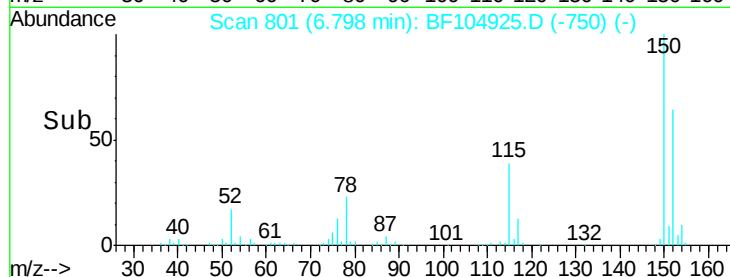
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.5	50.1	75.1



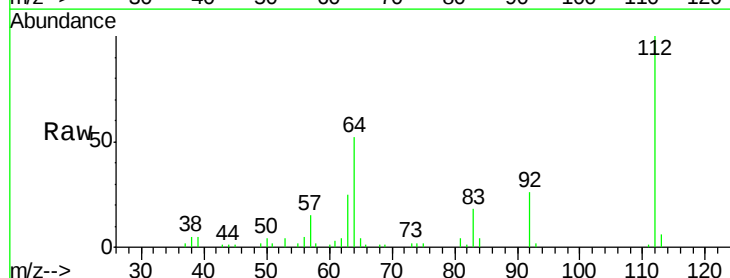
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



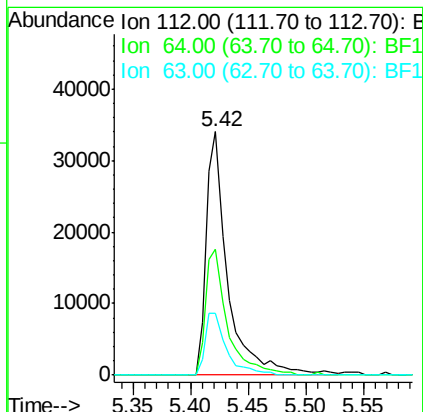
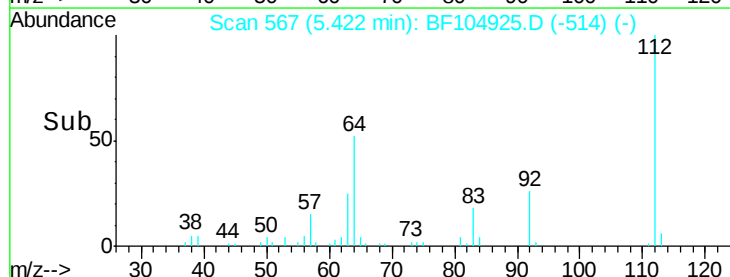
#5

2-Fluorophenol
 Concen: 6.798 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	25.2	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: 30.994 ng

RT: 6.43 min Scan# 739

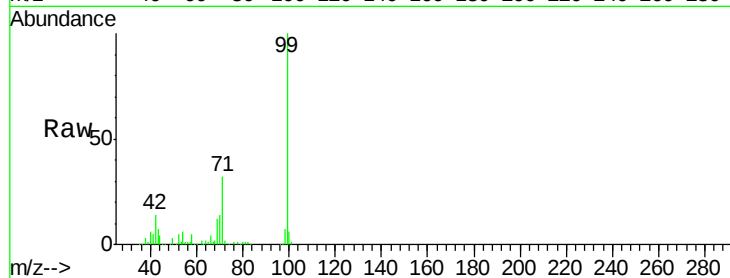
Delta R.T. -0.01 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

Tot Ion: 99 Resp: 249387

Ion	Ratio	Lower	Upper
99	100		
42	14.0	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

6.43

250000

200000

150000

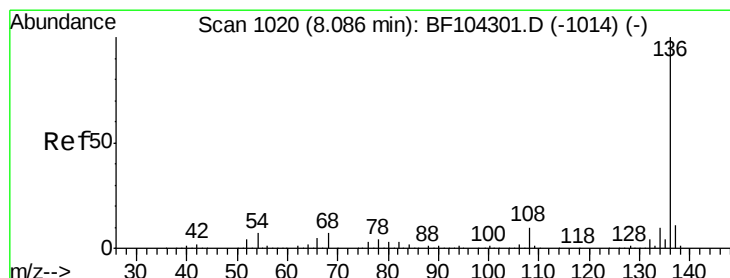
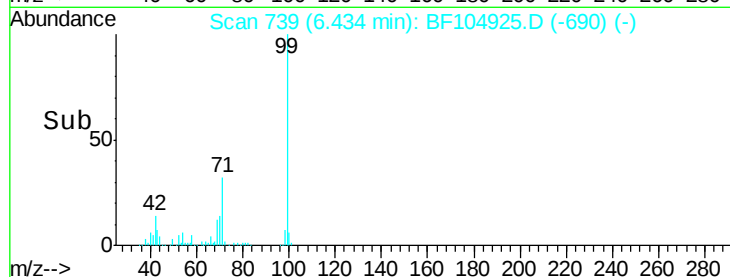
100000

50000

0

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

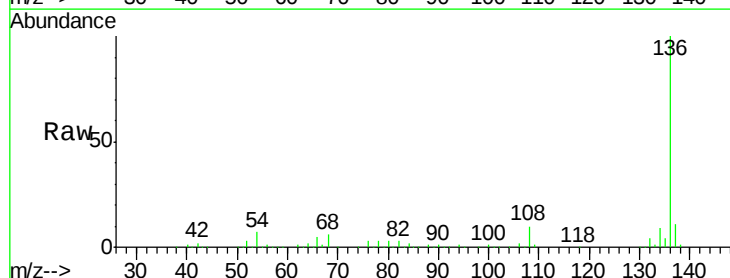
Delta R.T. -0.01 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

Tgt Ion: 136 Resp: 403360

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.6	6.6	9.8
68	5.5	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

600000

500000

400000

300000

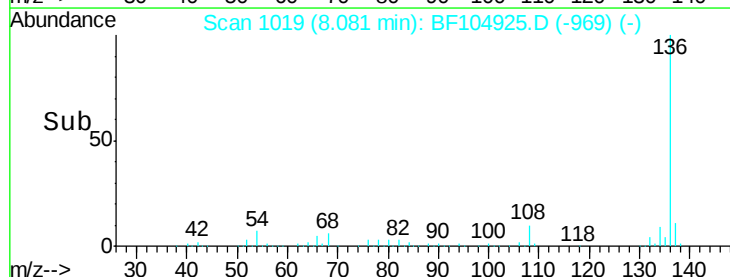
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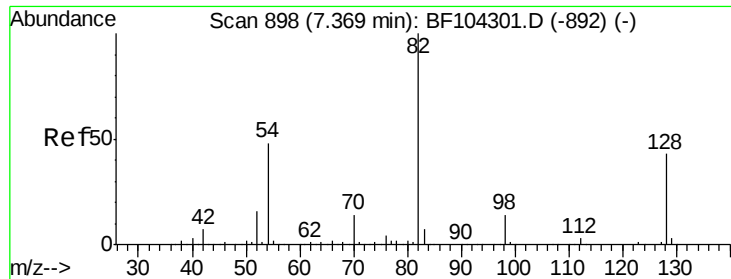
100000

0

8.00 8.10 8.20 8.30

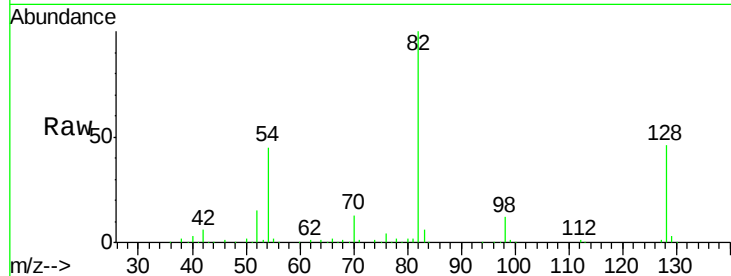
Time-->



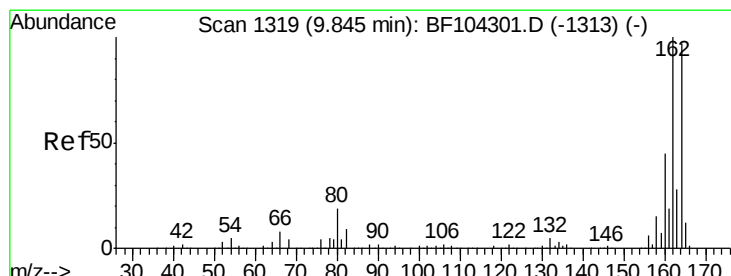
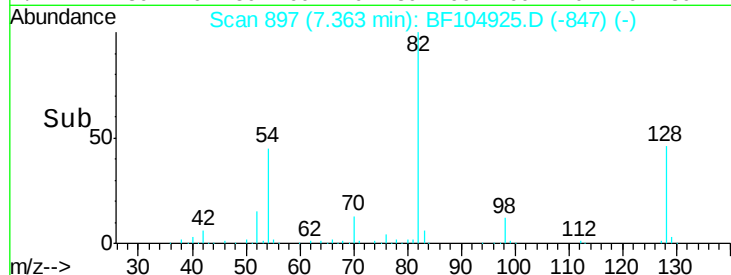
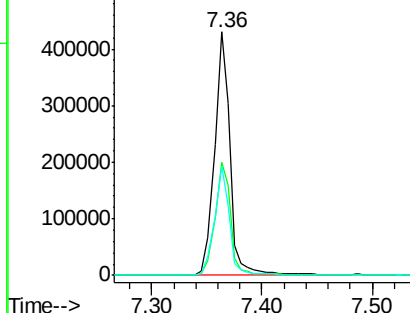


#23
Nitrobenzene-d5
Concen: 67.244 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tot Ion: 82 Resp: 415381
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 44.6 41.4 62.2

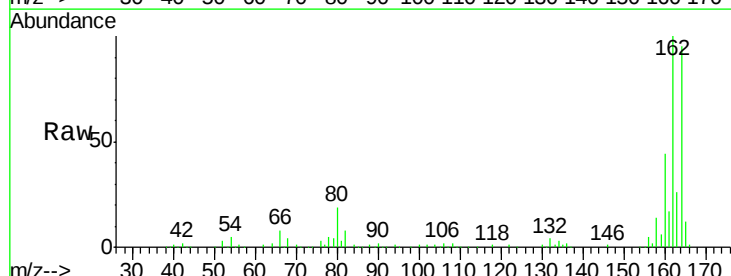


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

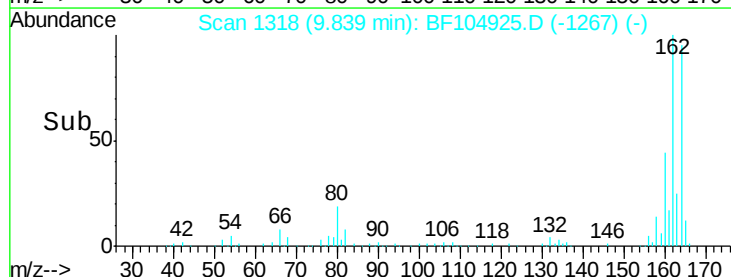
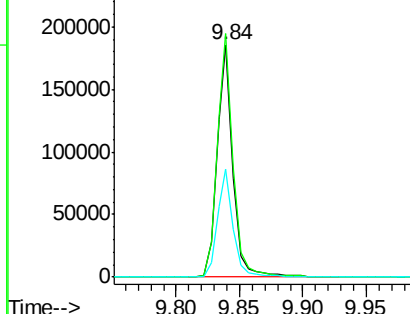


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tgt Ion: 164 Resp: 162615
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.5 38.3 57.5



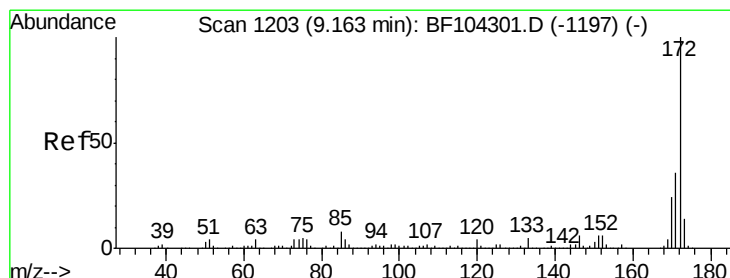
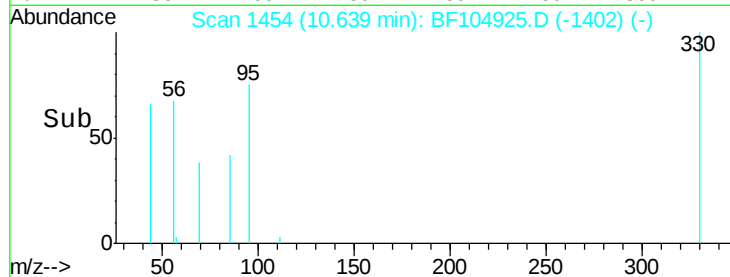
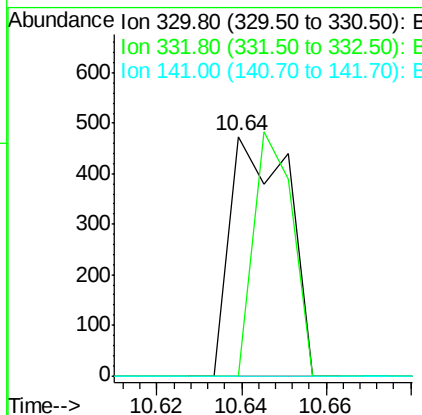
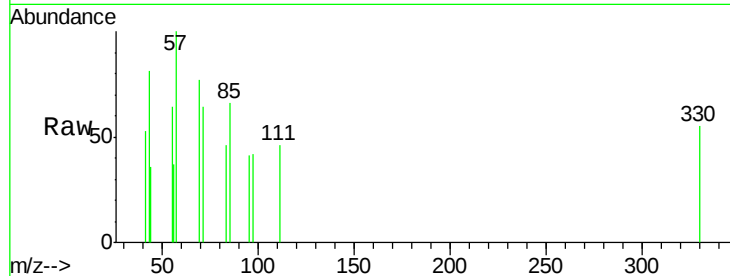
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





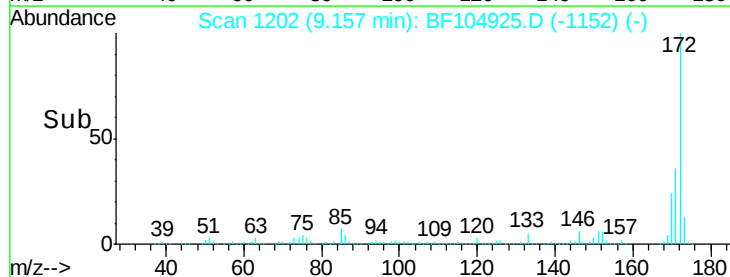
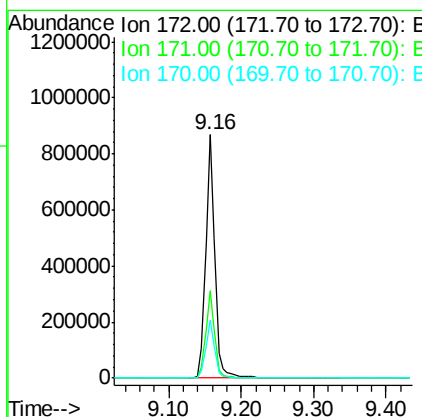
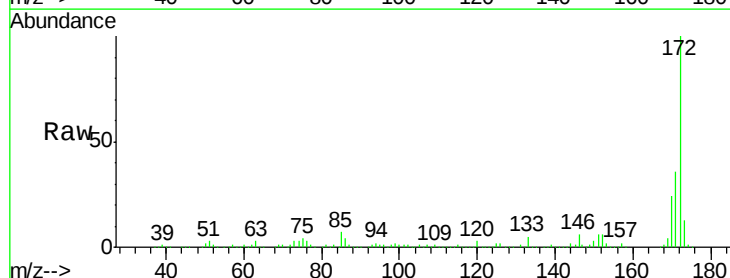
#41
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

Tot Ion:330 Resp: 456
 Ion Ratio Lower Upper
 330 100
 332 67.5 77.0 115.6#
 141 0.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 74.623 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

Tgt Ion:172 Resp: 768147
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.7 19.6 29.4





#49

Dimethylphthalate

Concen: 6.962 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

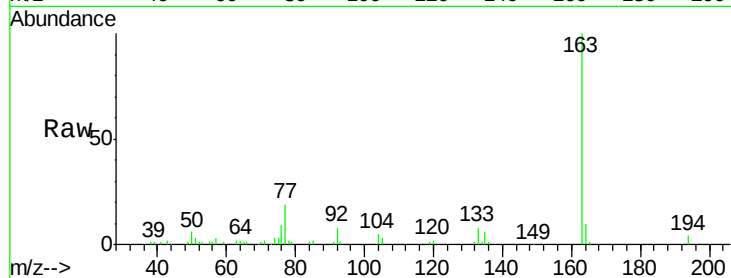
Tot Ion:163 Resp: 89275

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

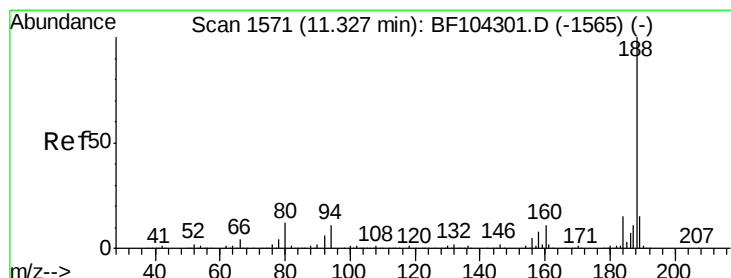
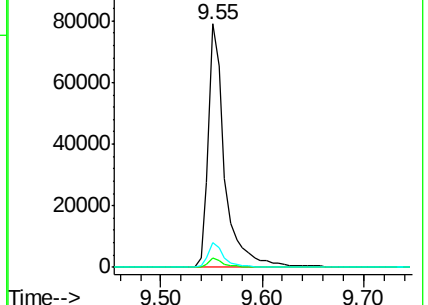
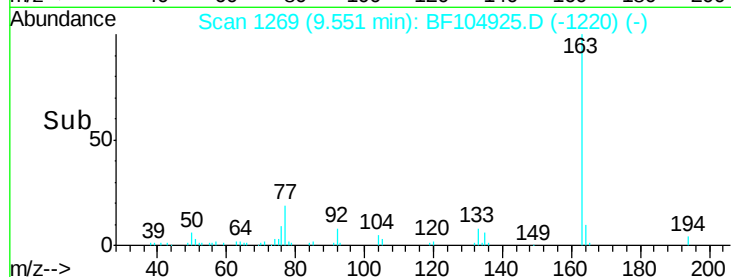
164 9.9 8.2 12.2



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# 1571

Delta R.T. -0.01 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

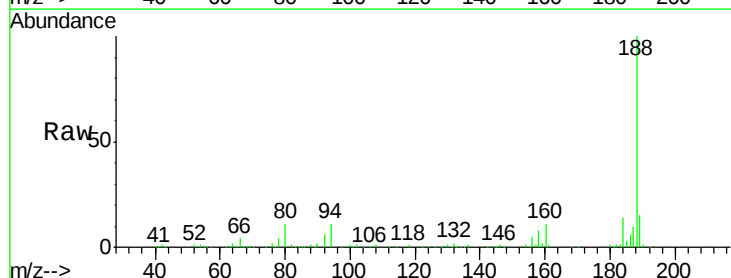
Tgt Ion:188 Resp: 261306

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

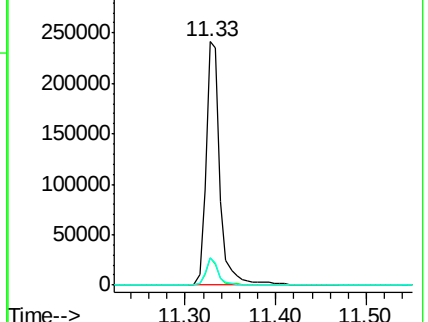
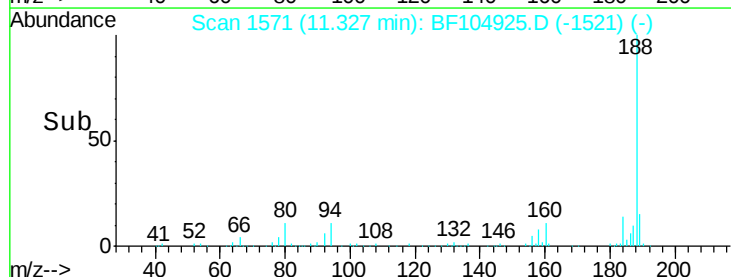
80 11.3 9.2 13.8

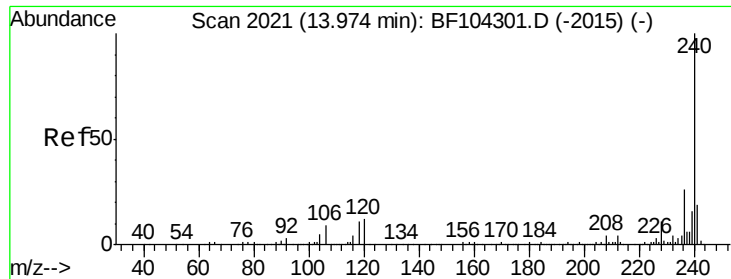


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

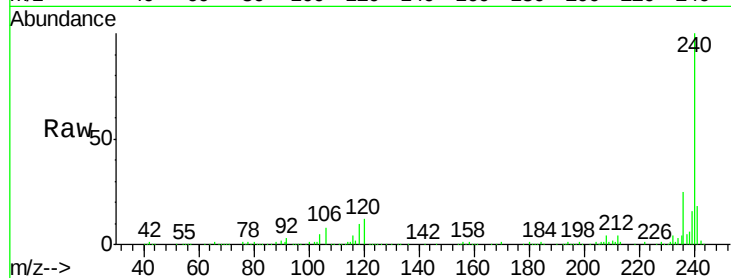
Ion 80.00 (79.70 to 80.70): BF1



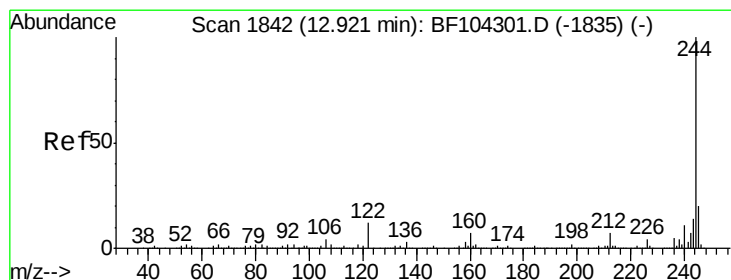
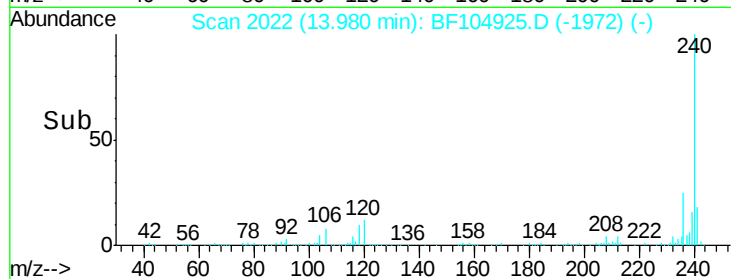
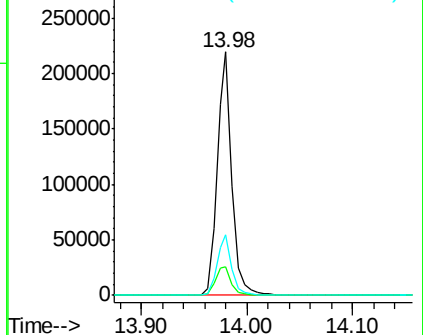


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tot Ion:240 Resp: 214706
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.8 20.7 31.1

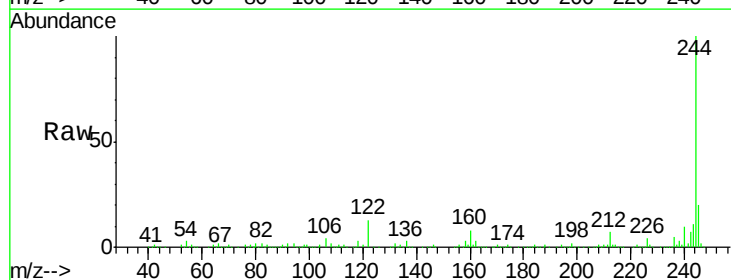


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

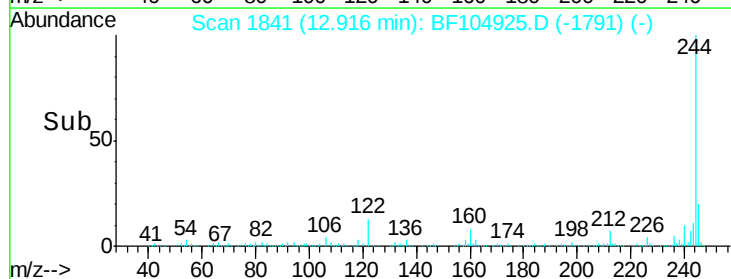
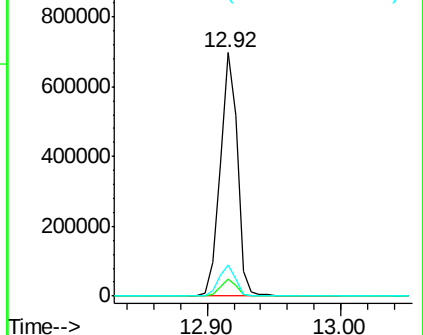


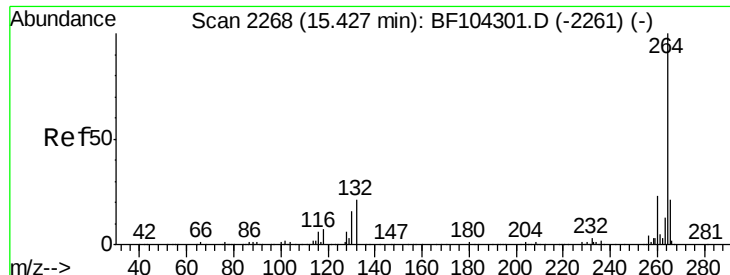
#78
Terphenyl-d14
Concen: 67.427 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tgt Ion:244 Resp: 635002
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.0 11.0 16.4



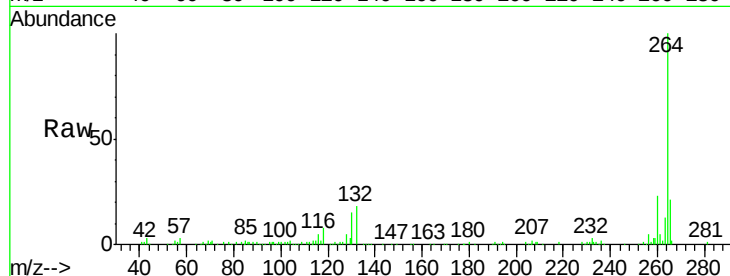
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

Tot Ion:264	Resp:	145784
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.2 28.8
265	20.9	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

