

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

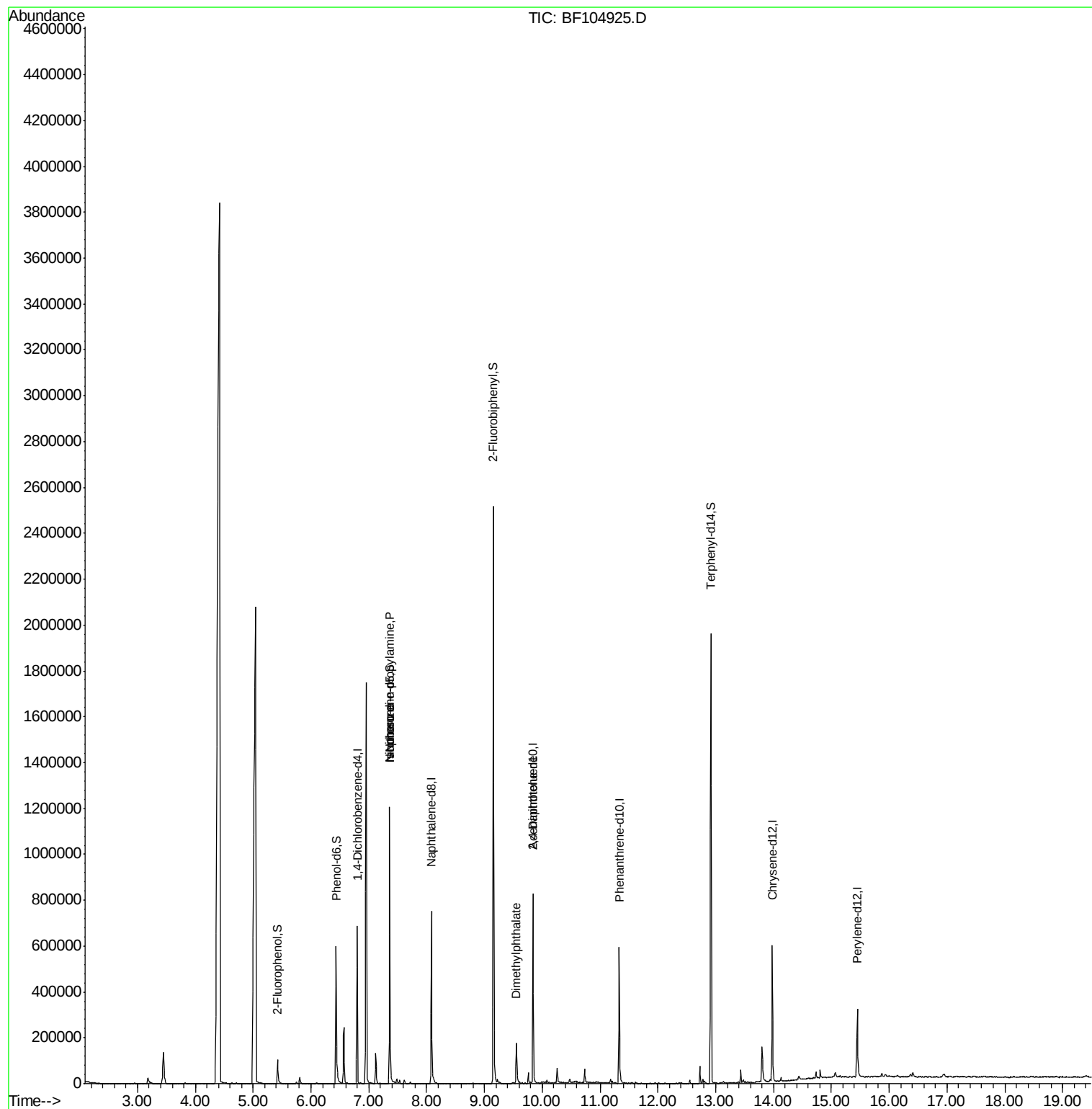
Quant Time: Apr 30 02:28:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

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						
9) Benzaldehyde	6.57	77	1446	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.36	70	53899	10.251 ng	#	72
25) Isophorone	7.36	82	415376	31.799 ng	#	64
49) Dimethylphthalate	9.55	163	89275	6.962 ng		99
56) 2,4-Dinitrotoluene	9.84	165	19904	6.395 ng	#	22
76) Benzidine	12.92	184	8000	Below Cal	#	96

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

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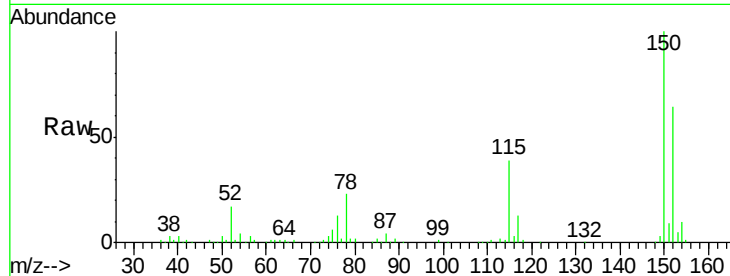




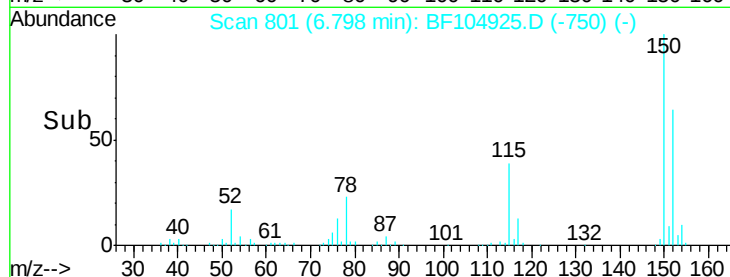
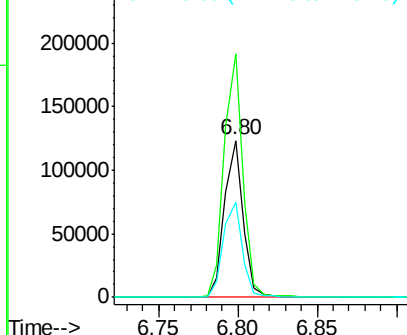
#1

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



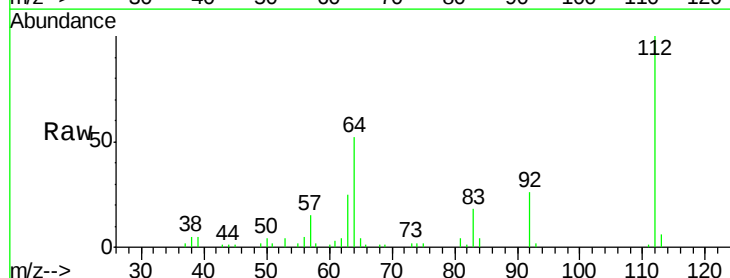
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



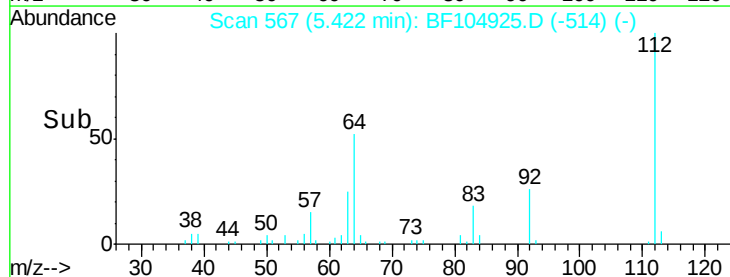
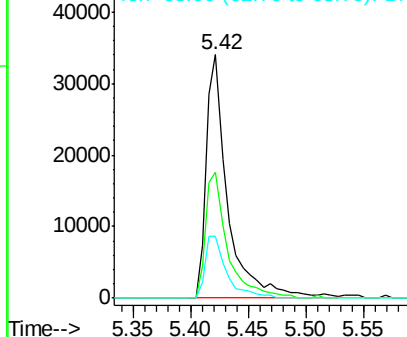
#5

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

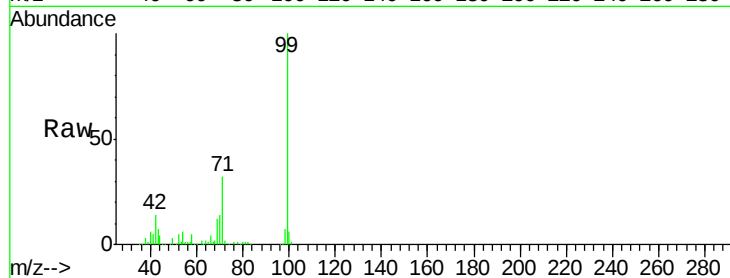
Delta R.T. -0.01 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

Tot Ion: 99 Resp: 249387

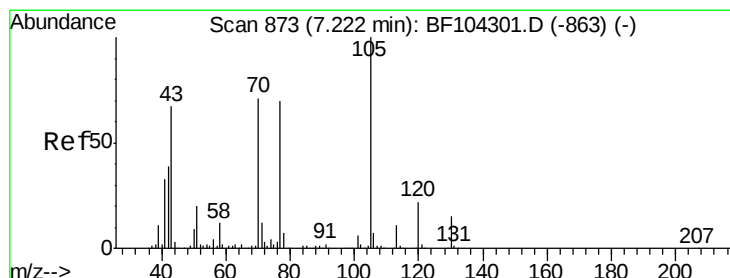
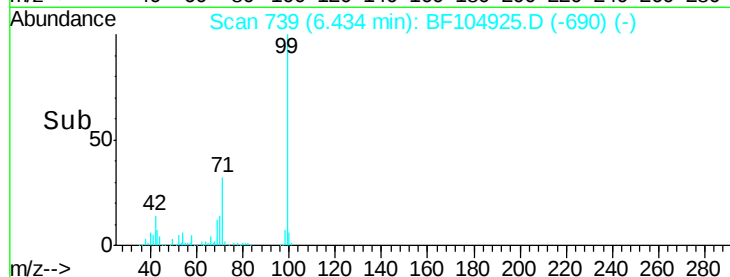
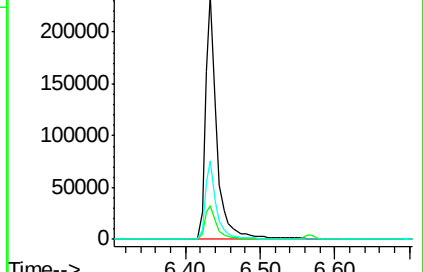
Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	32.1	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.251 ng

RT: 7.36 min Scan# 897

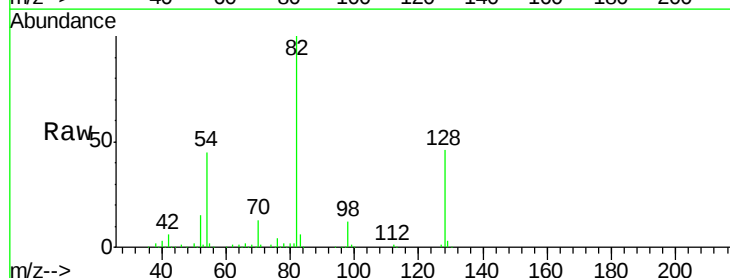
Delta R.T. 0.15 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

Tgt Ion: 70 Resp: 53899

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#

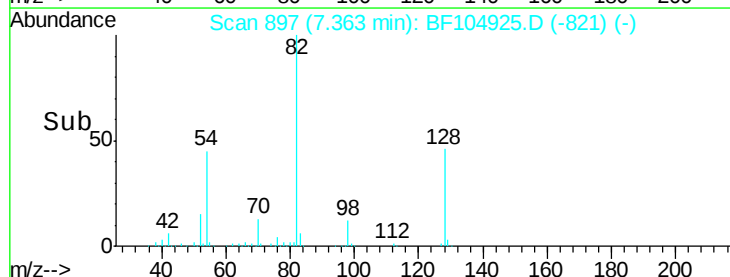
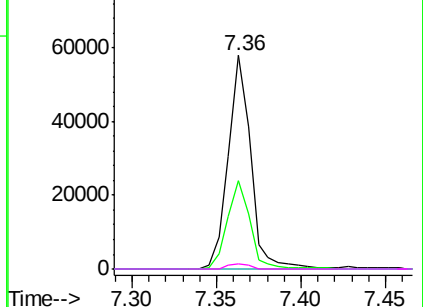


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

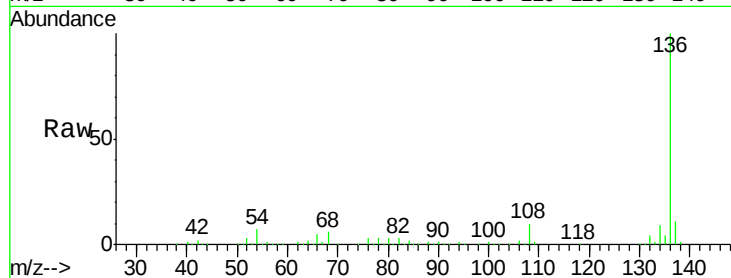
Ion 130.00 (129.70 to 130.70): BF1



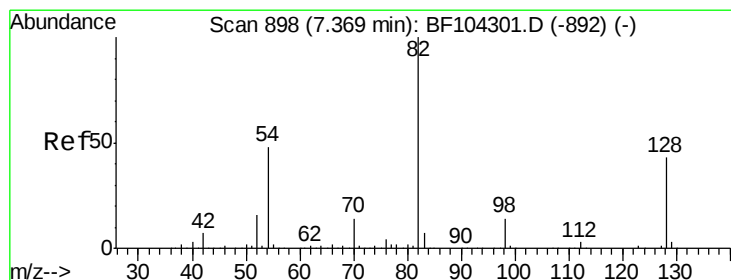
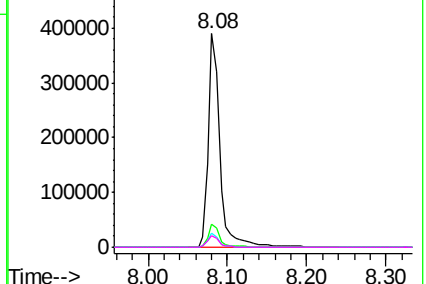
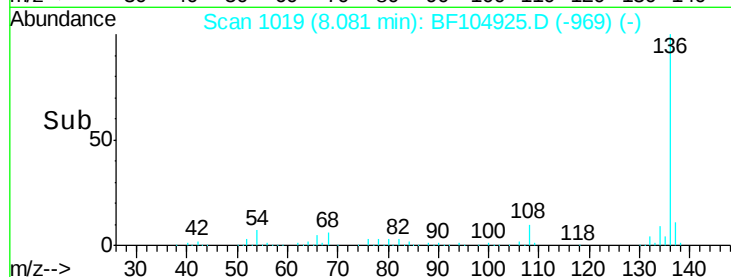


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tot 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	

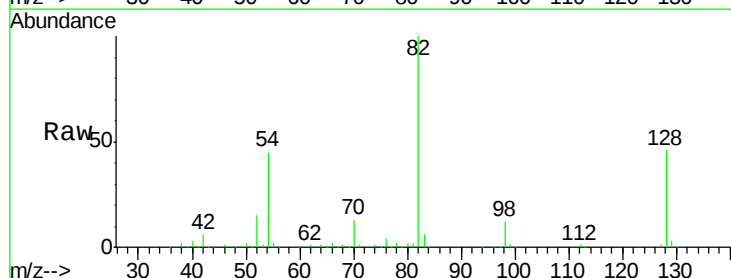


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

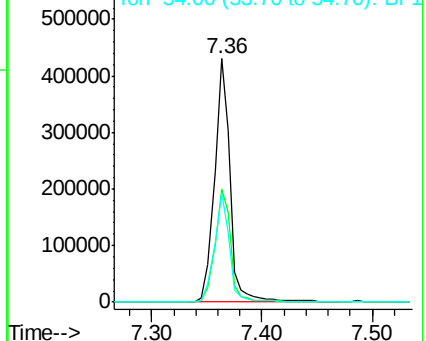
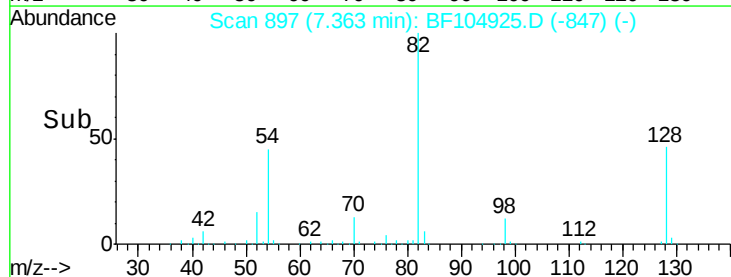


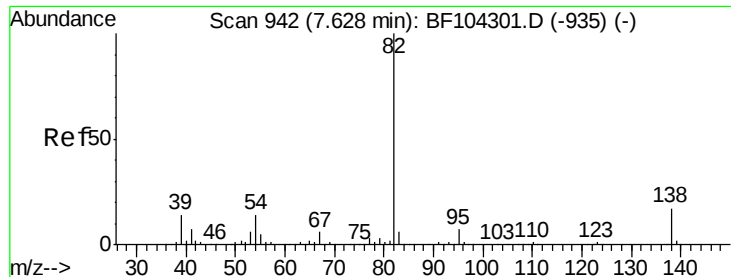
#23
Nitrobenzene-d5
Concen: 67.244 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104925.D
Acq: 28 Apr 2018 11:52

Tgt 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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.799 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

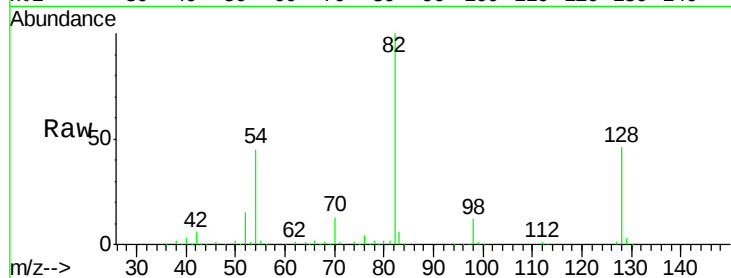
Tot Ion: 82 Resp: 415376

Ion Ratio Lower Upper

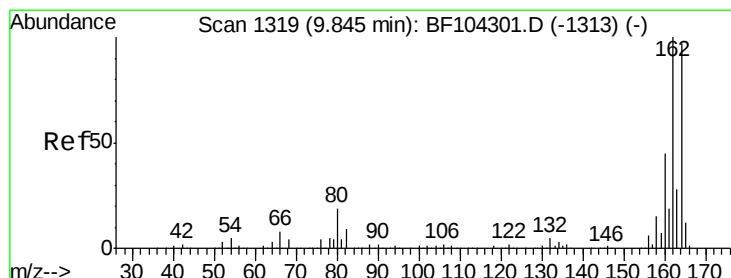
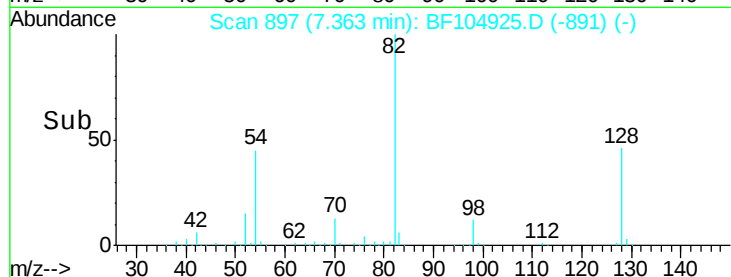
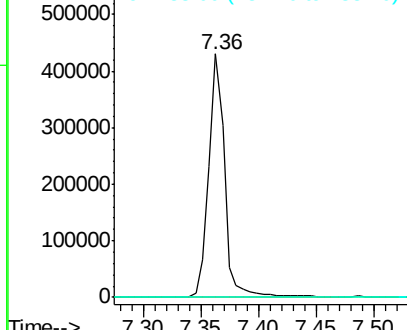
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): 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

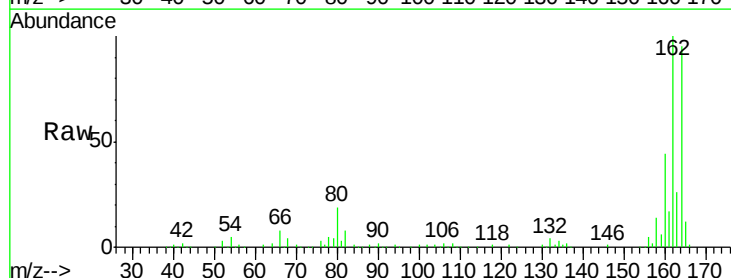
Tgt Ion: 164 Resp: 162615

Ion Ratio Lower Upper

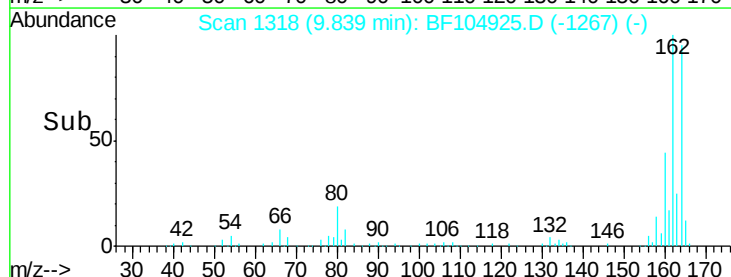
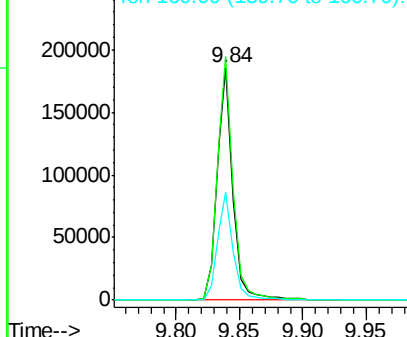
164 100

162 104.9 86.1 129.1

160 46.5 38.3 57.5



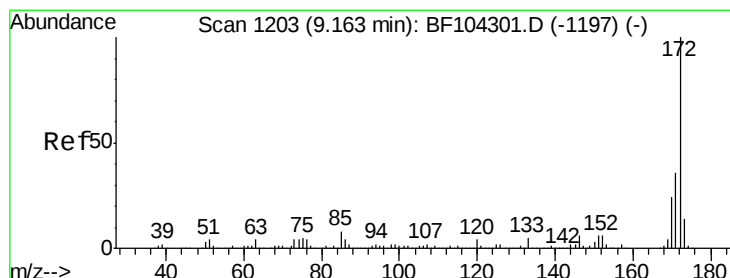
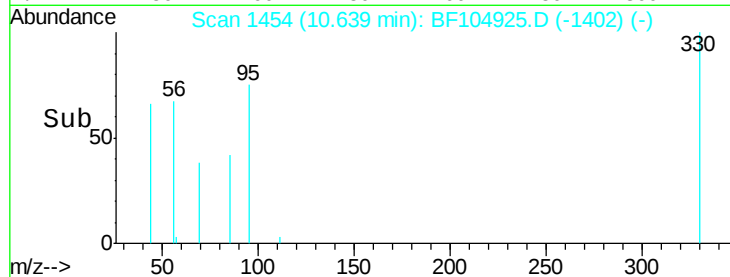
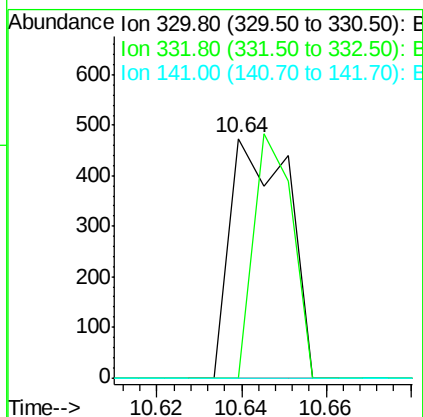
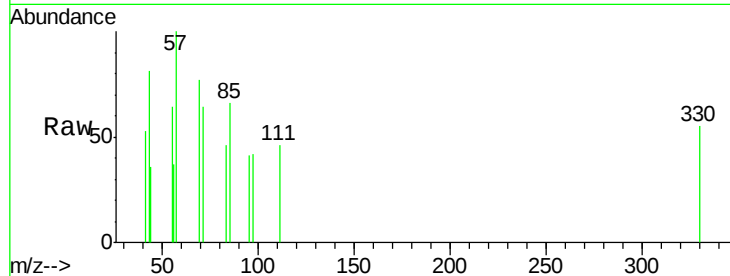
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





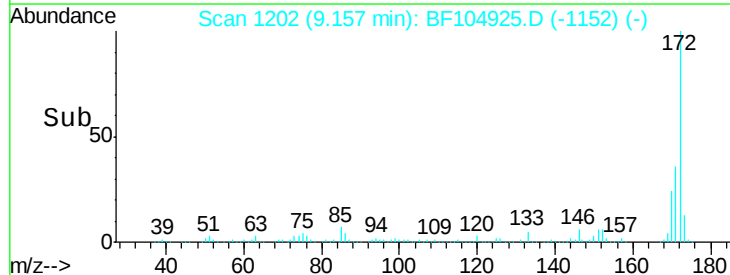
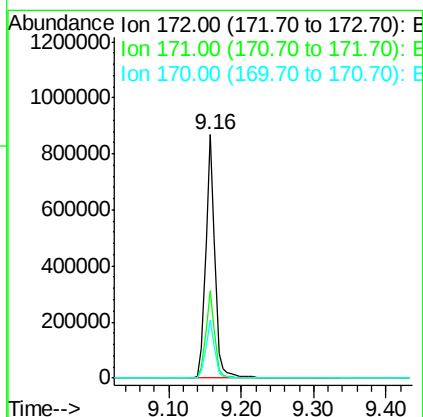
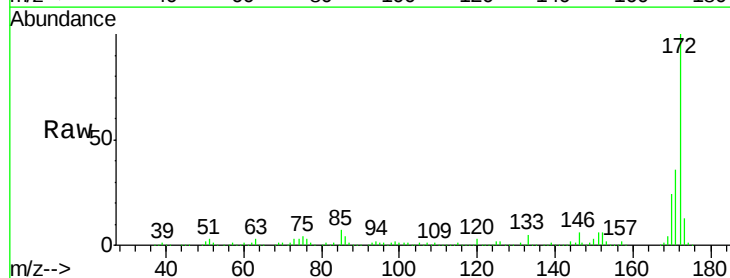
#41
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104925.D
 Acq: 28 Apr 2018 11:52

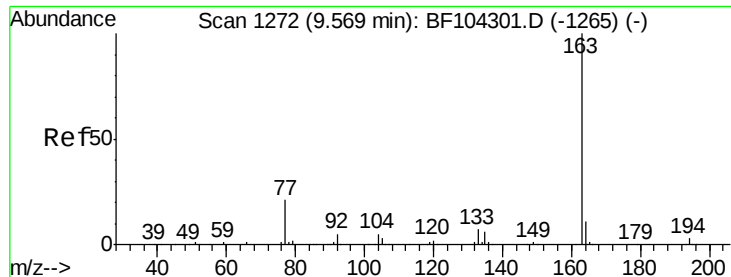
Tot Ion:330 Resp: 456
 Ion Ratio Lower Upper
 330 100
 332 67.5 77.0 115.6#
 141 0.0 29.9 44.9#



#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

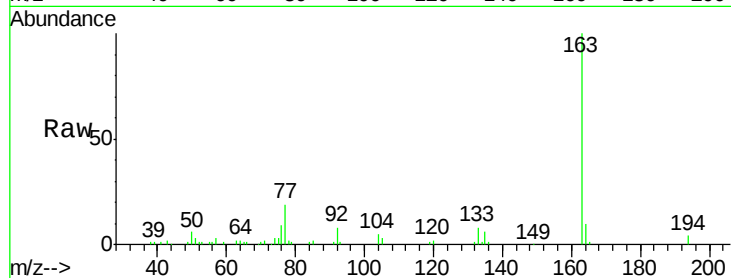
Tot Ion:163 Resp: 89275

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

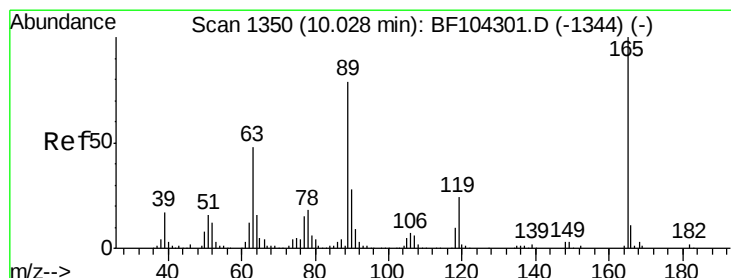
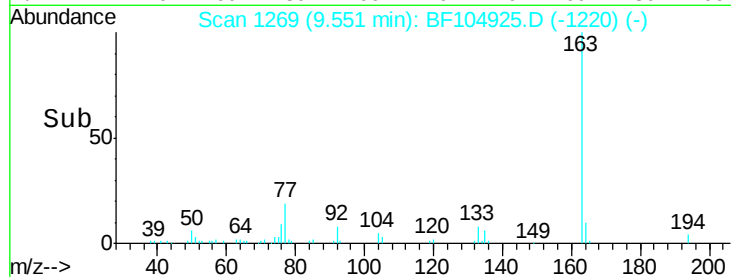
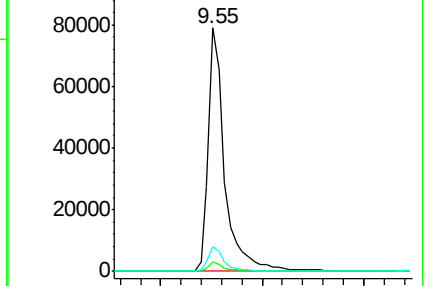
164 9.9 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.395 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104925.D

Acq: 28 Apr 2018 11:52

Tgt Ion:165 Resp: 19904

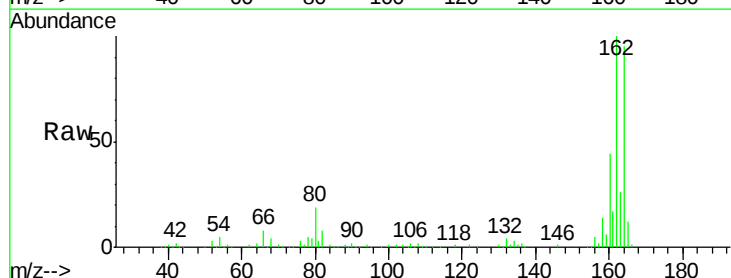
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

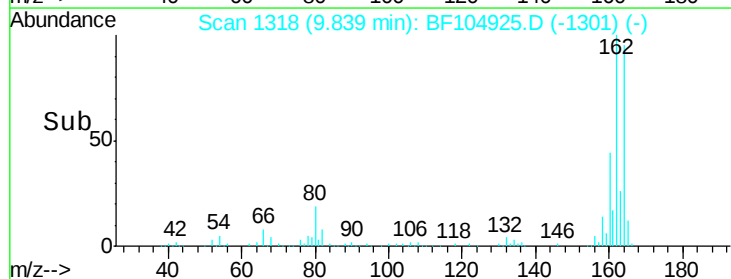
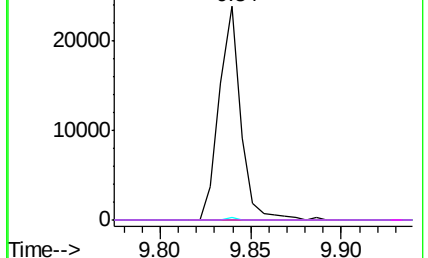


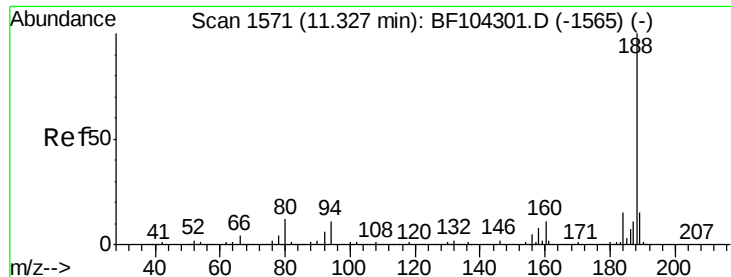
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

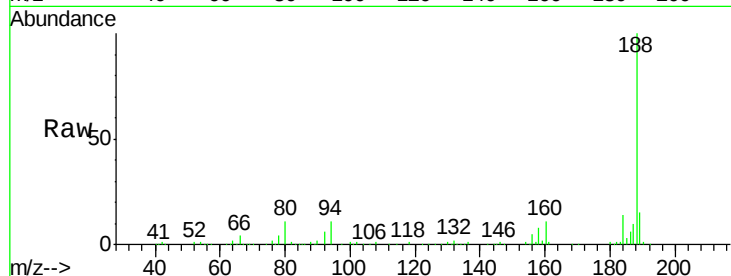
Ion 182.00 (181.70 to 182.70): E





#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

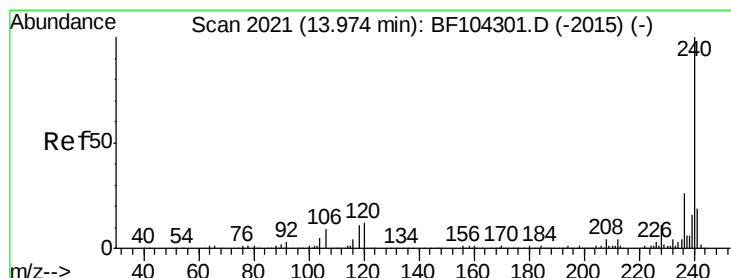
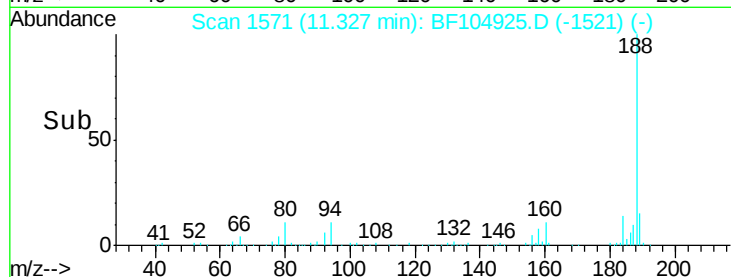
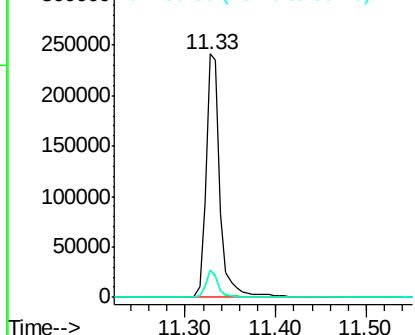
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

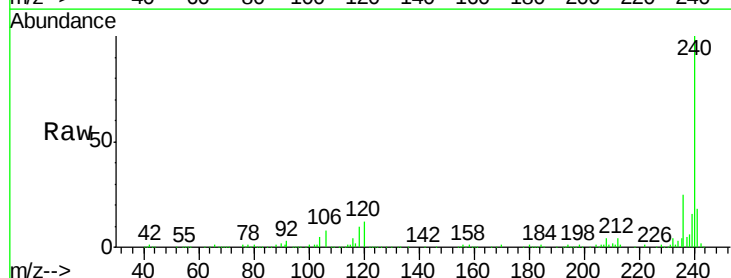
Ion 94.00 (93.70 to 94.70): BF1

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

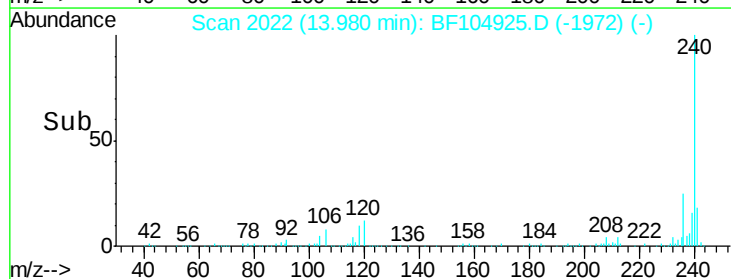
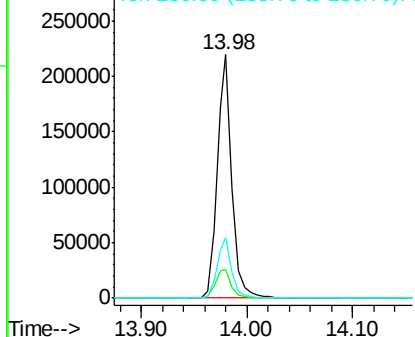
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	24.8	20.7	31.1

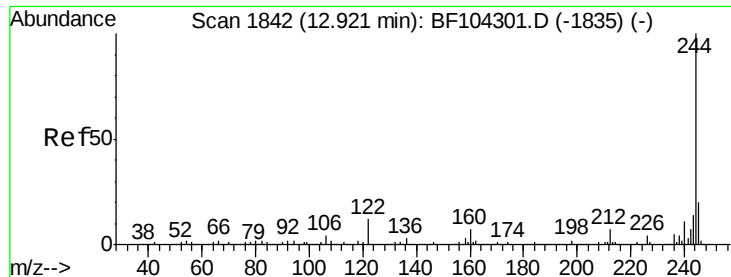


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

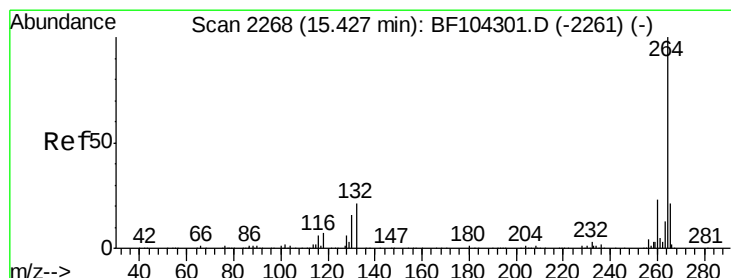
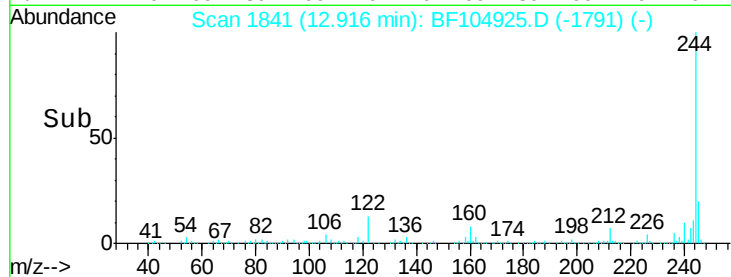
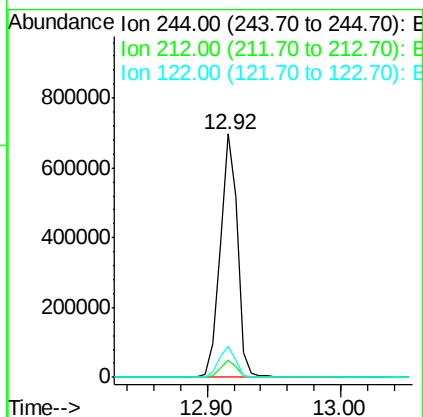
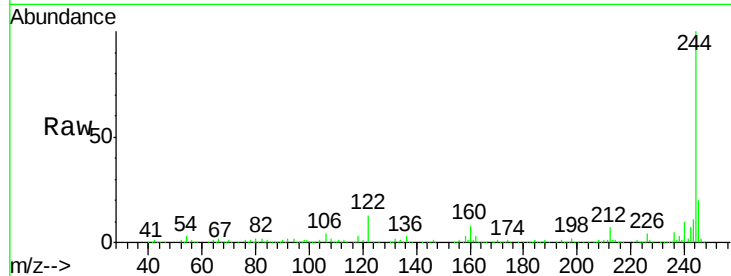
Ion 236.00 (235.70 to 236.70): E





#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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	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: BF104925.D
 Acq: 28 Apr 2018 11:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3

