

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104909.D
 Acq On : 28 Apr 2018 4:48
 Operator : JU/SJ
 Sample : J2592-02 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 28 06:47:28 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

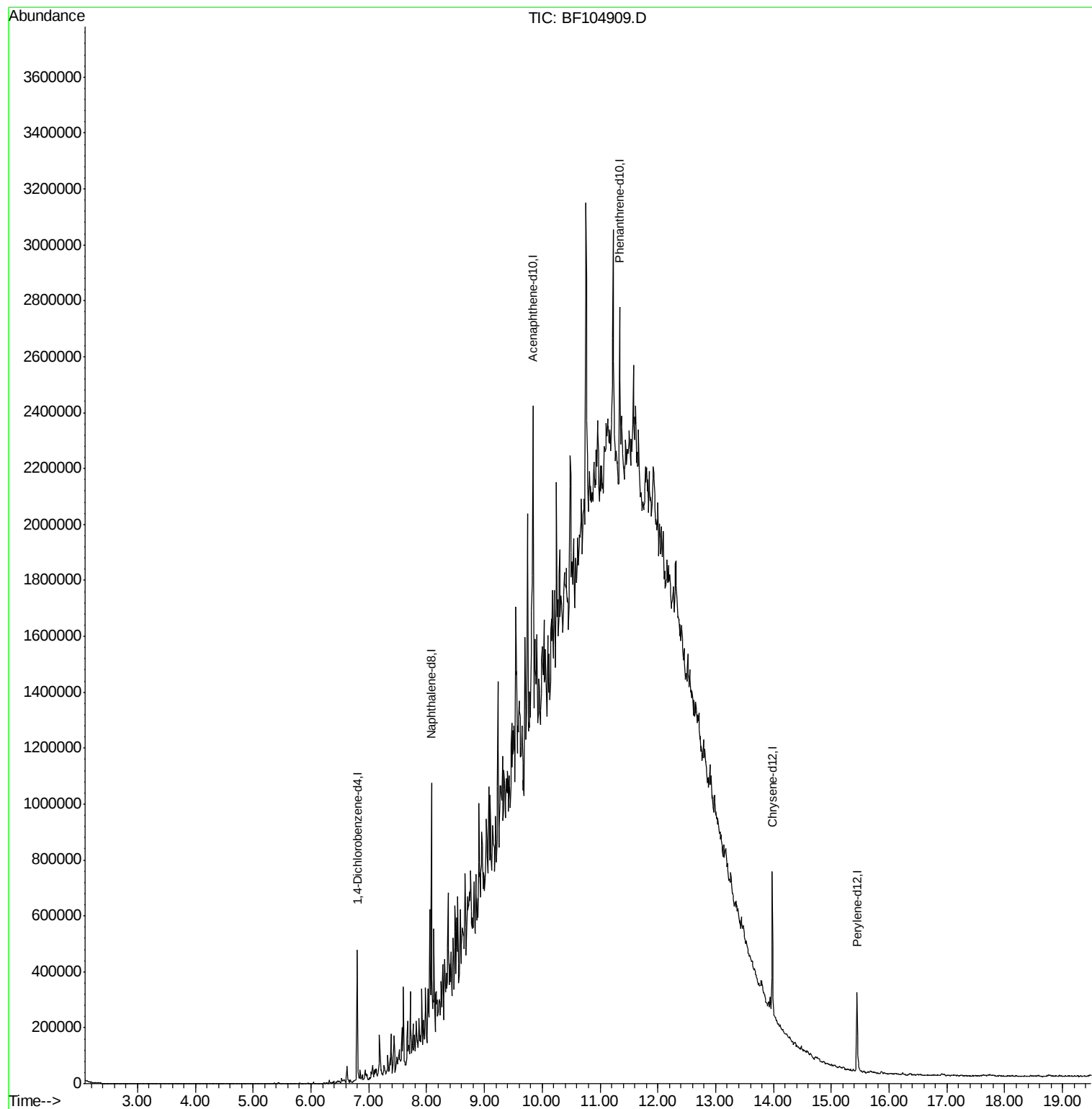
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	80966	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	310985	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	121942	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	178660	20.00	ng	0.00
75) Chrysene-d12	13.98	240	179266	20.00	ng	0.00
86) Perylene-d12	15.44	264	145131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	4422	0.84	ng	0.02
7) Phenol-d6	6.46	99	5339	0.82	ng	0.02
23) Nitrobenzene-d5	7.37	82	2174	0.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	1102	0.87	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	11164	1.45	ng	0.00
78) Terphenyl-d14	12.92	244	9083	1.16	ng	0.00

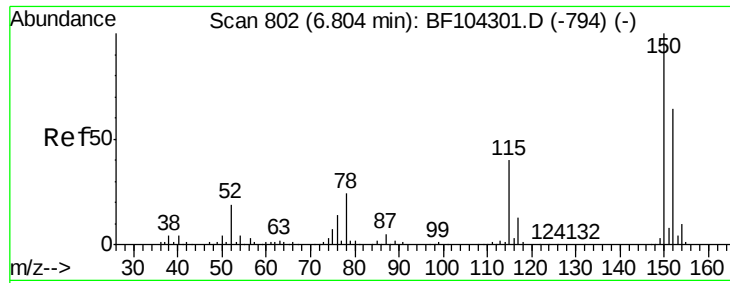
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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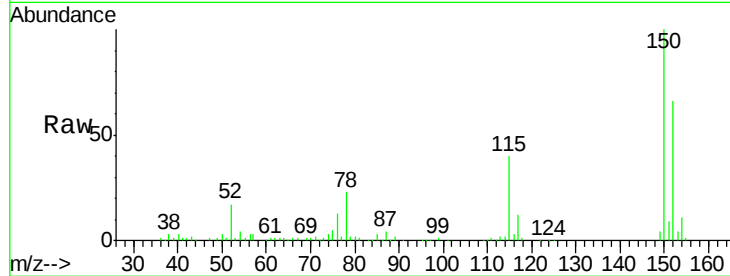




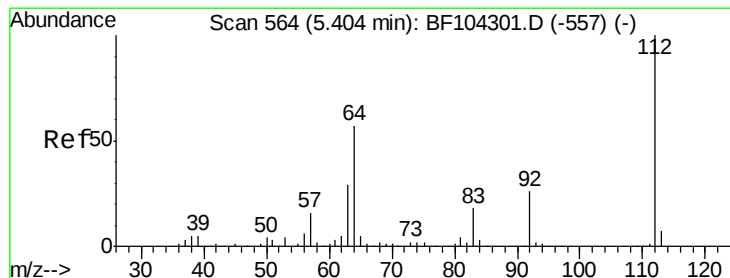
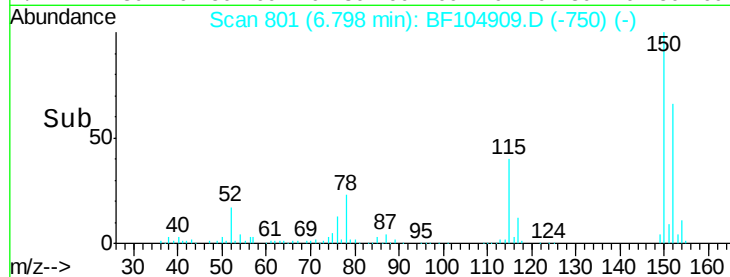
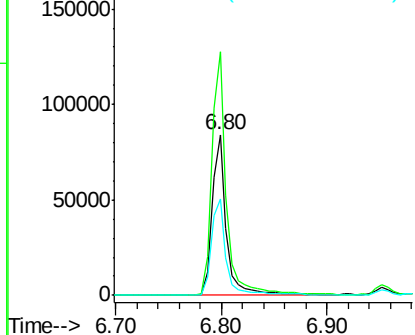
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	186.8
115	60.1	50.1	75.1



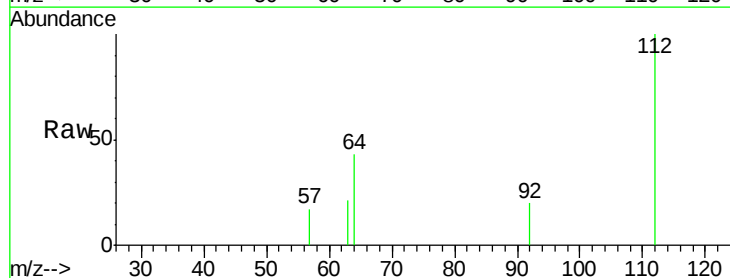
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



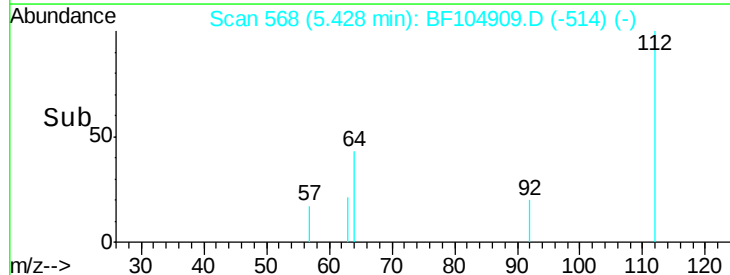
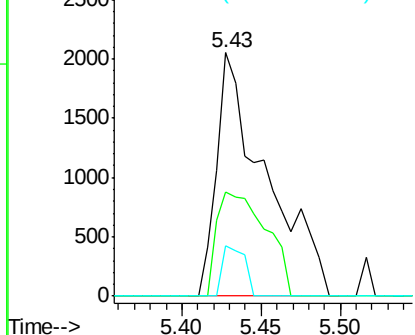
#5

2-Fluorophenol
Concen: 0.835 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	47.9	71.9#
63	20.5	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: 0.821 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF104909.D

Acq: 28 Apr 2018 4:48

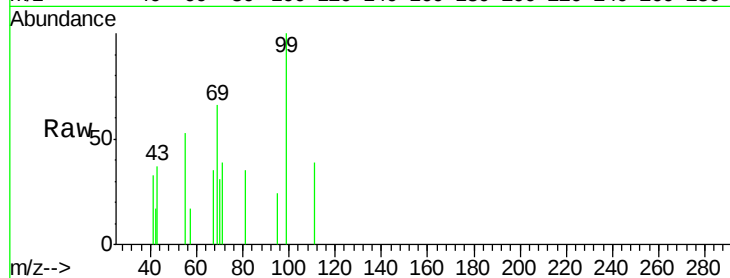
Tot Ion: 99 Resp: 5339

Ion Ratio Lower Upper

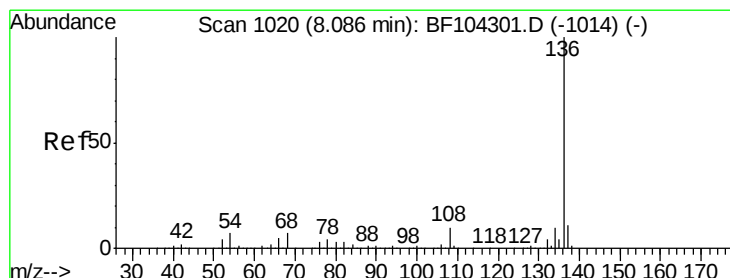
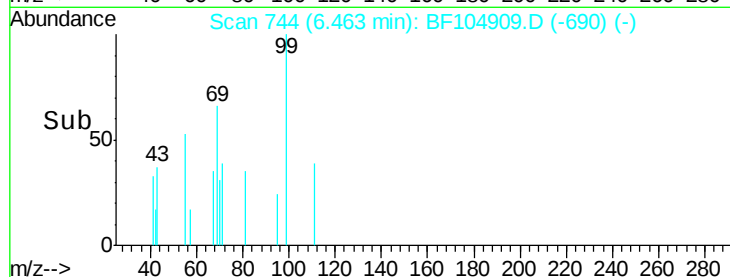
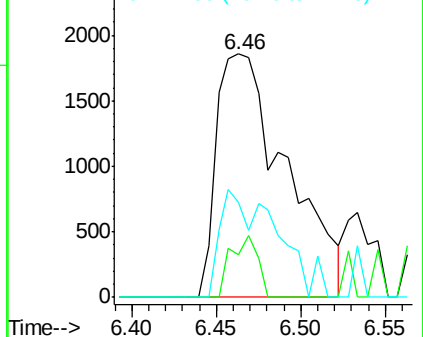
99 100

42 17.3 14.5 21.7

71 38.8 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: BF104909.D

Acq: 28 Apr 2018 4:48

Tgt Ion: 136 Resp: 310985

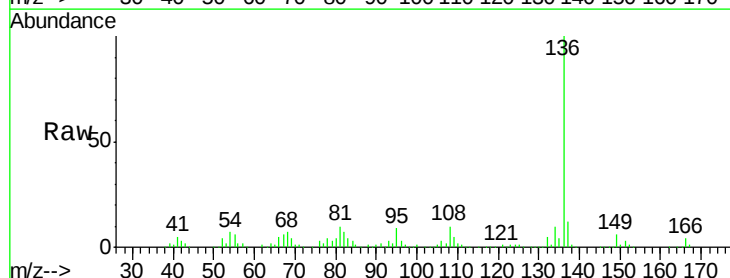
Ion Ratio Lower Upper

136 100

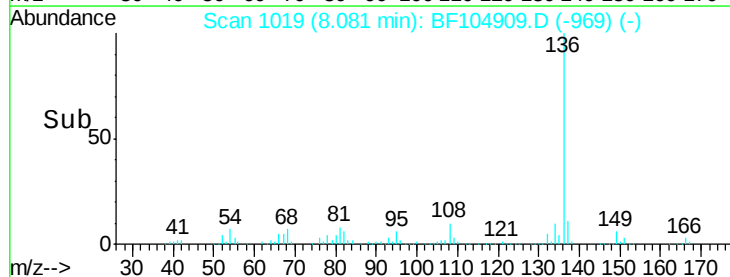
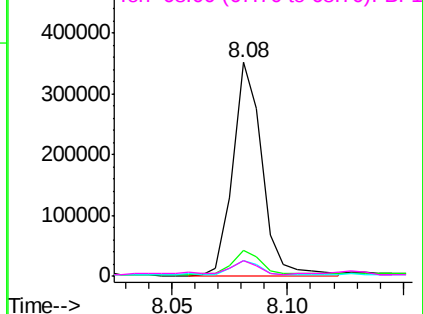
137 11.7 8.9 13.3

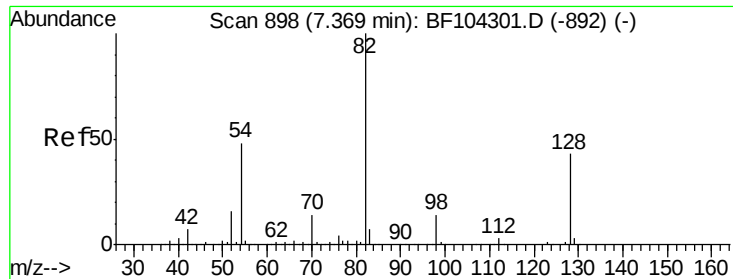
54 7.5 6.6 9.8

68 7.3 5.0 7.4



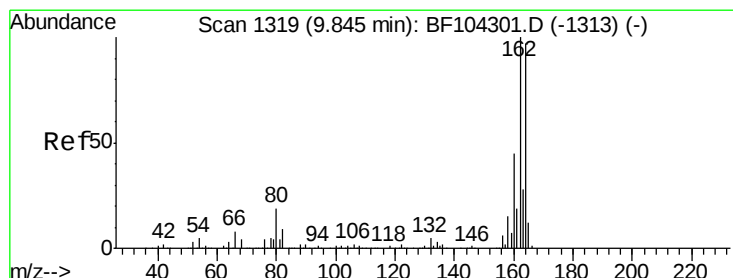
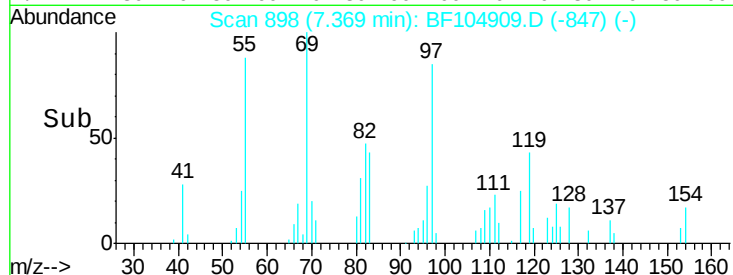
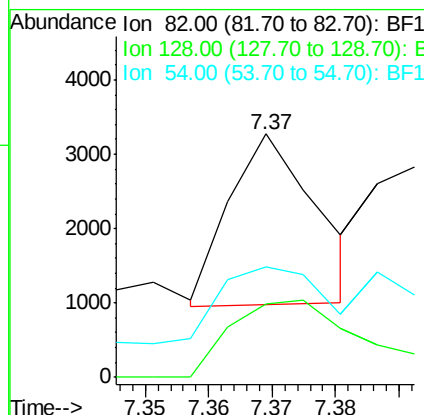
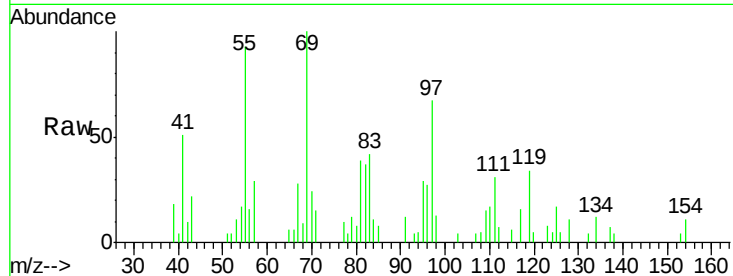
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





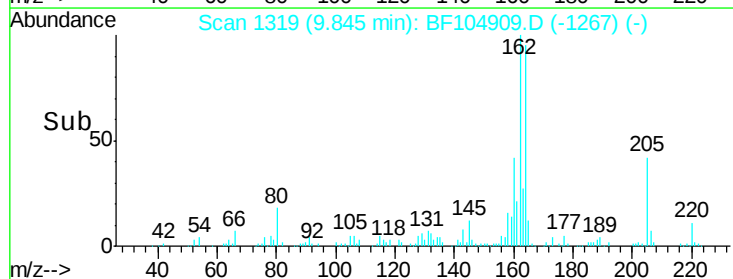
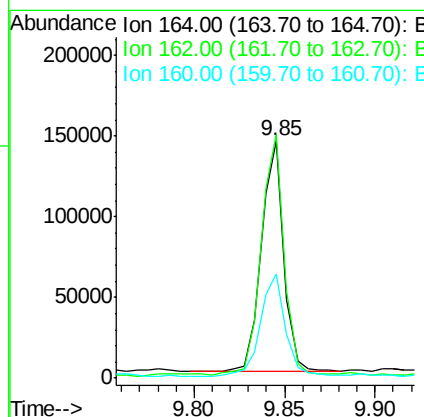
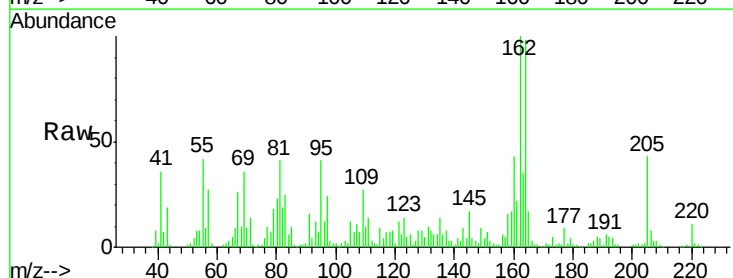
#23
Nitrobenzene-d5
Concen: 0.456 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

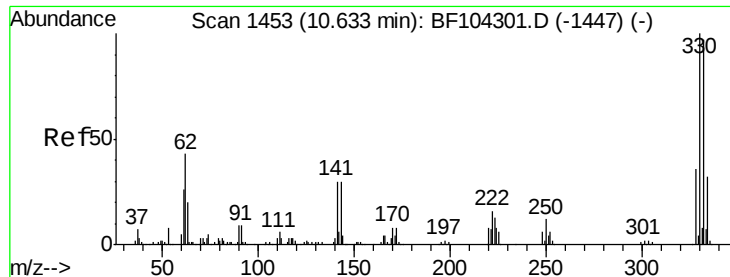
Tot Ion: 82 Resp: 2174
Ion Ratio Lower Upper
82 100
128 30.0 36.1 54.1#
54 45.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

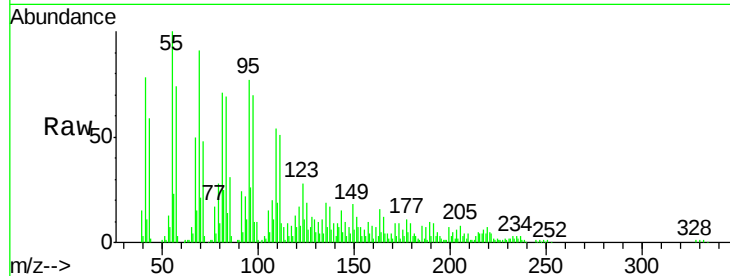
Tgt Ion: 164 Resp: 121942
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 43.7 38.3 57.5





#41
 2,4,6-Tribromophenol
 Concen: 0.871 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104909.D
 Acq: 28 Apr 2018 4:48

Tot Ion	330	332	141
Resp	1102	104.4	0.0
Ratio	100	104.4	0.0
Lower		77.0	29.9
Upper		115.6	44.9

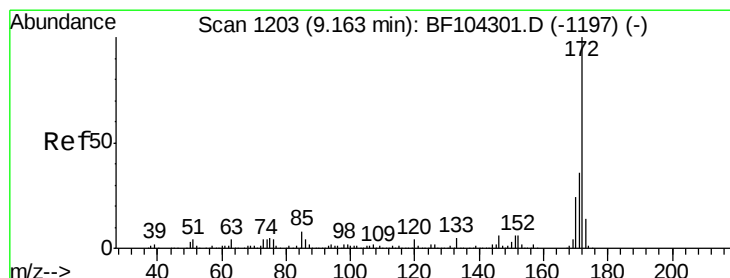
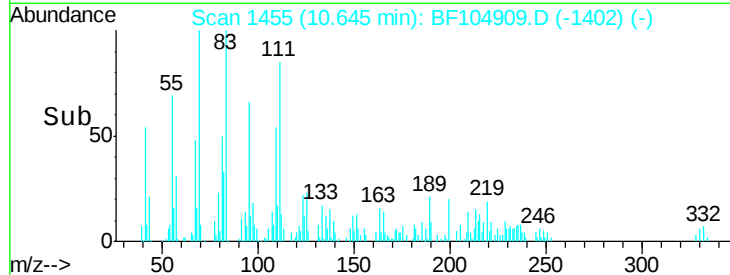
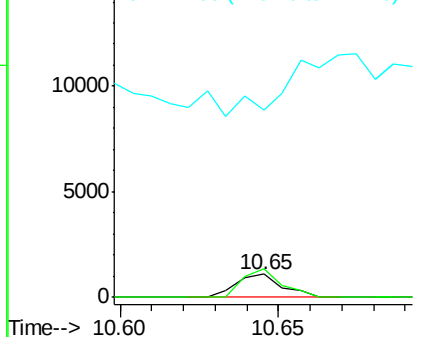


Abundance

Ion 329.80 (329.50 to 330.50): E

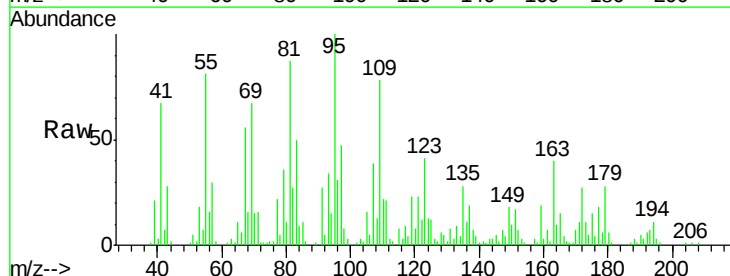
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 1.446 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104909.D
 Acq: 28 Apr 2018 4:48

Tgt Ion	172	171	170
Resp	11164	40.8	26.2
Ratio	100	40.8	26.2
Lower		29.7	19.6
Upper		44.5	29.4

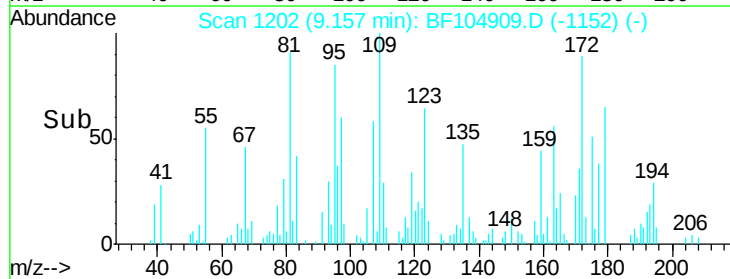
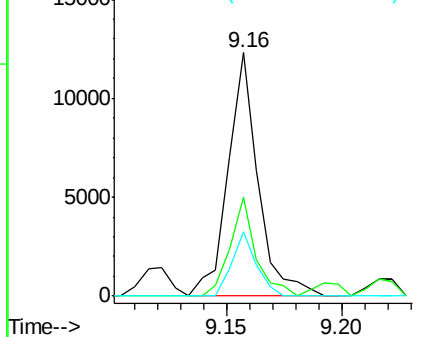


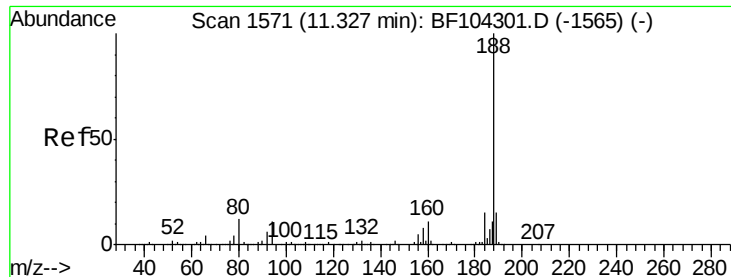
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

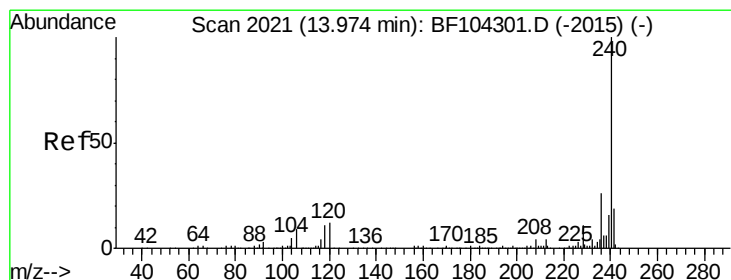
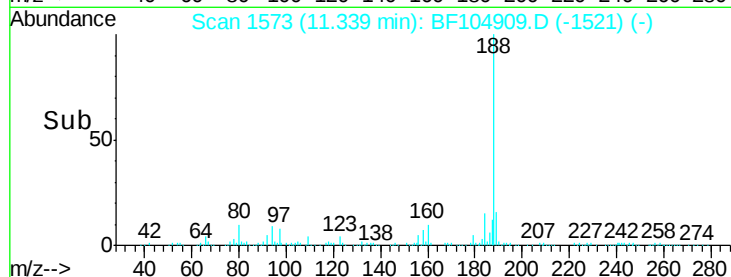
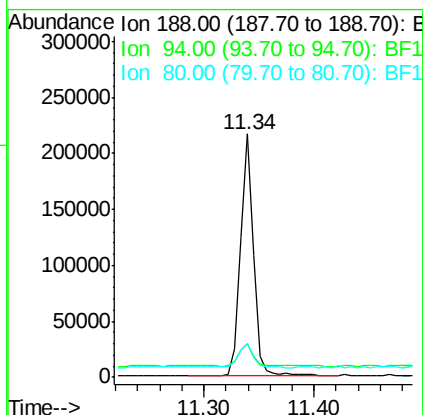
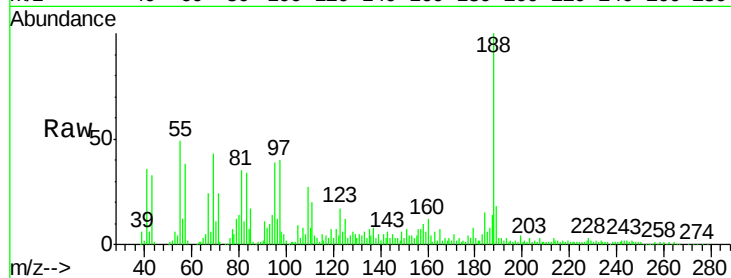
Ion 170.00 (169.70 to 170.70): E





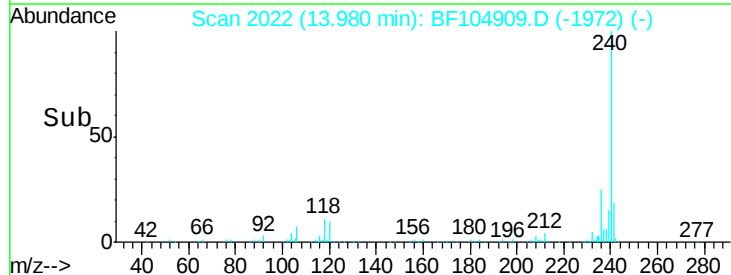
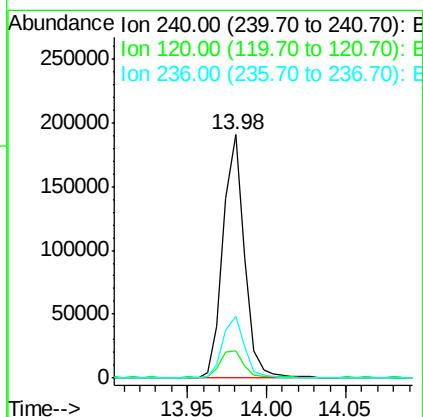
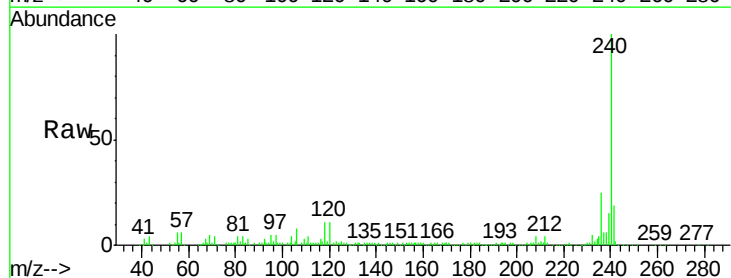
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

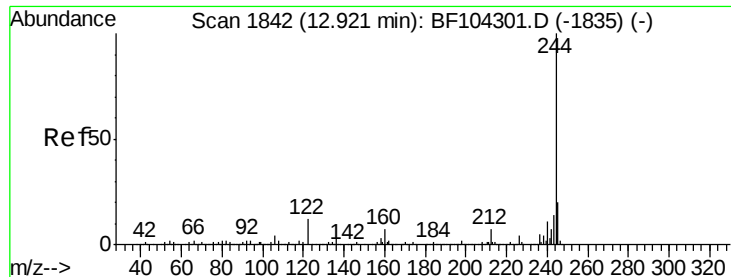
Tot Ion:188 Resp: 178660
Ion Ratio Lower Upper
188 100
94 14.0 8.5 12.7#
80 14.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104909.D
Acq: 28 Apr 2018 4:48

Tgt Ion:240 Resp: 179266
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 1.155 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104909.D

Acq: 28 Apr 2018 4:48

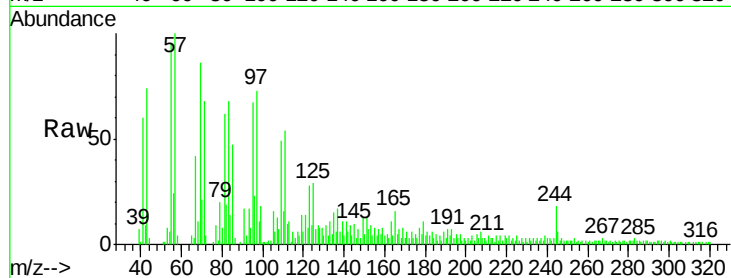
Tot Ion:244 Resp: 9083

Ion Ratio Lower Upper

244 100

212 15.8 5.4 8.0#

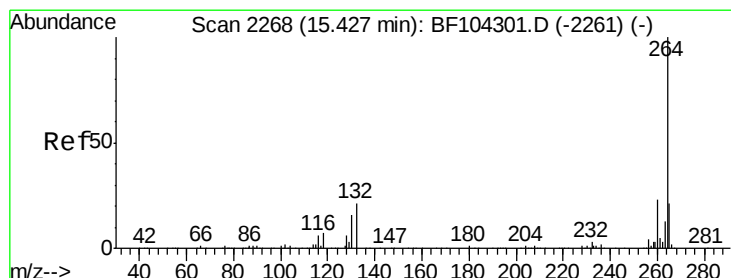
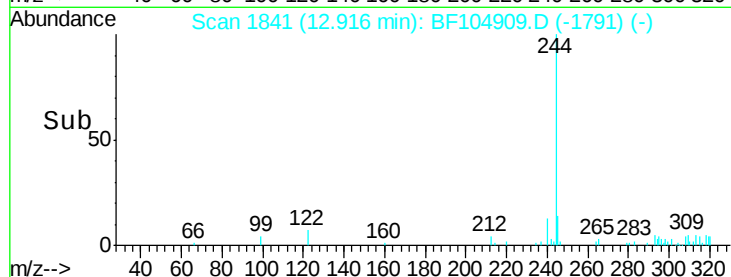
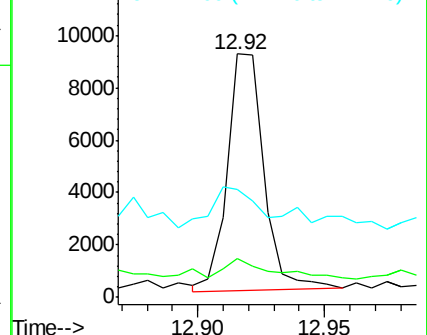
122 44.2 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF104909.D

Acq: 28 Apr 2018 4:48

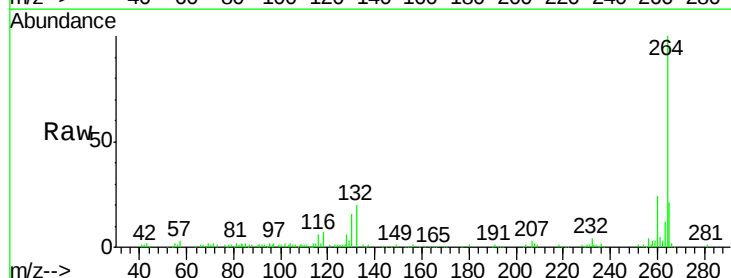
Tgt Ion:264 Resp: 145131

Ion Ratio Lower Upper

264 100

260 23.7 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

