

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104907.D
 Acq On : 28 Apr 2018 3:55
 Operator : JU/SJ
 Sample : J2592-01 100X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

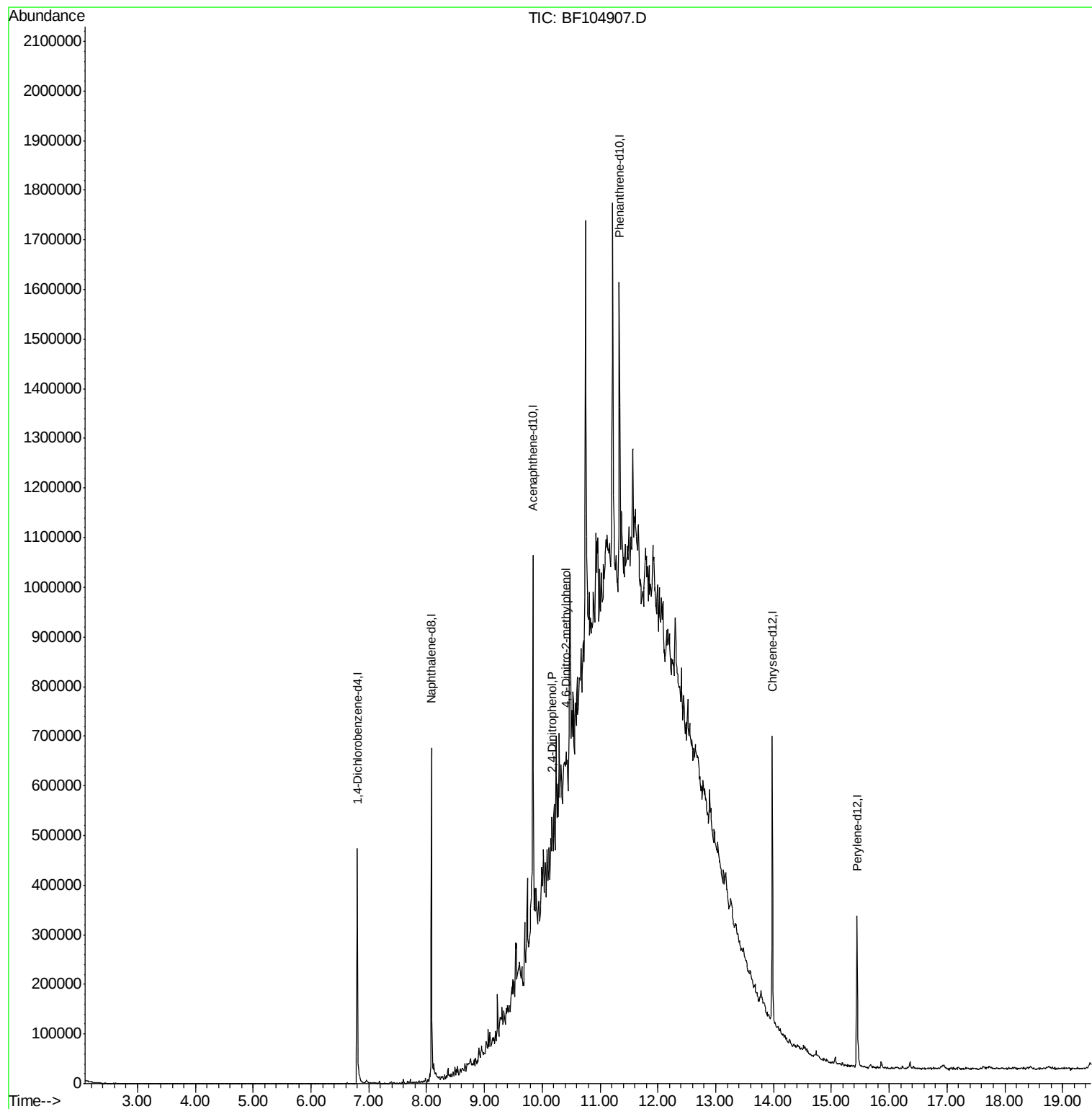
Quant Time: Apr 28 04:40:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	84859	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	344434	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	133156	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	195681	20.00	ng	0.00
75) Chrysene-d12	13.98	240	194791	20.00	ng	0.00
86) Perylene-d12	15.44	264	151420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	420	0.08	ng	0.03
7) Phenol-d6	6.49	99	824	0.12	ng	0.04
23) Nitrobenzene-d5	7.38	82	618	0.12	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	143	0.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	3432	0.41	ng	0.00
78) Terphenyl-d14	12.92	244	4568	0.53	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	10.17	184	299	5.69	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.40	198	367	7.67	ng	# 1
76) Benzidine	12.68	184	216	Below Cal		# 1

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

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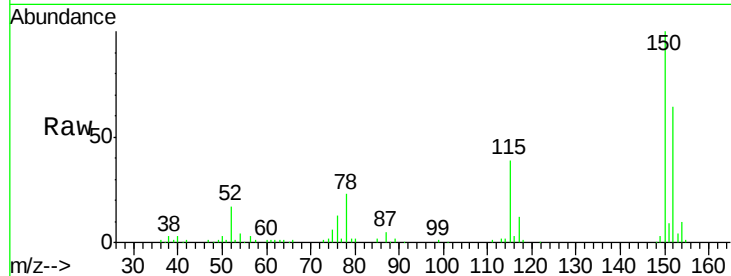




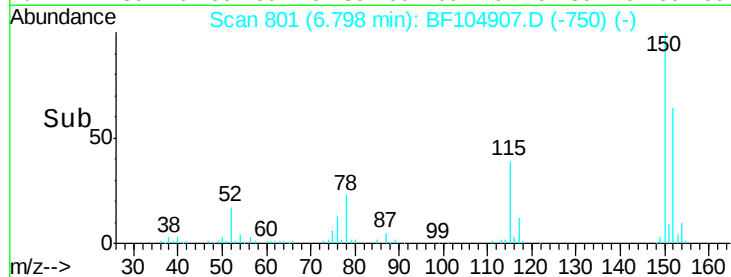
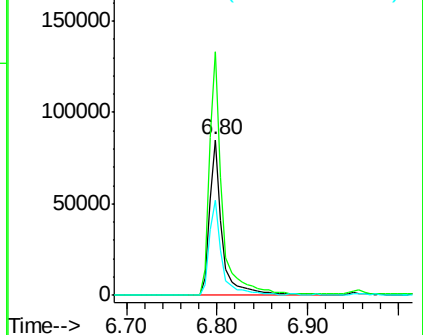
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104907.D
Acq: 28 Apr 2018 3:55

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.7	50.1	75.1



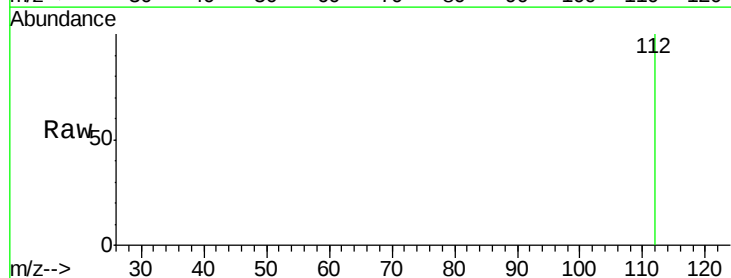
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



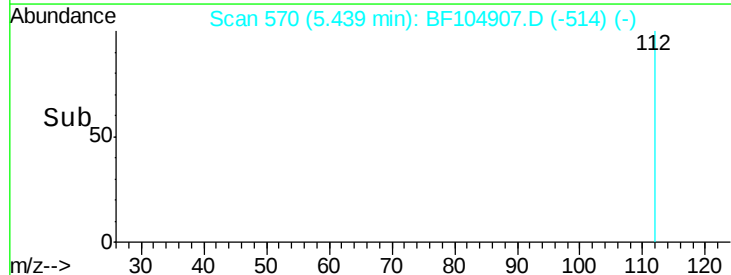
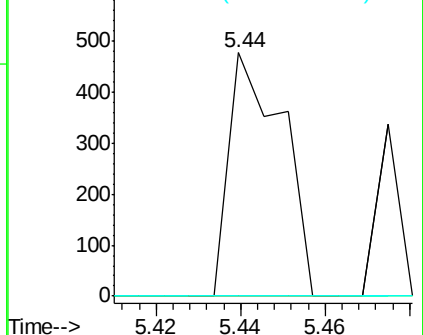
#5

2-Fluorophenol
Concen: 0.08 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.03 min
Lab File: BF104907.D
Acq: 28 Apr 2018 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	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: 0.12 ng

RT: 6.49 min Scan# 748

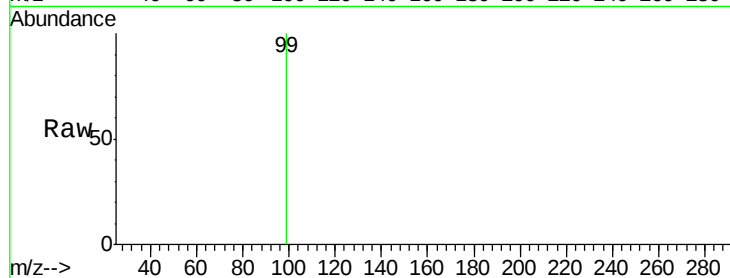
Delta R.T. 0.04 min

Lab File: BF104907.D

Acq: 28 Apr 2018 3:55

Tot Ion: 99 Resp: 824

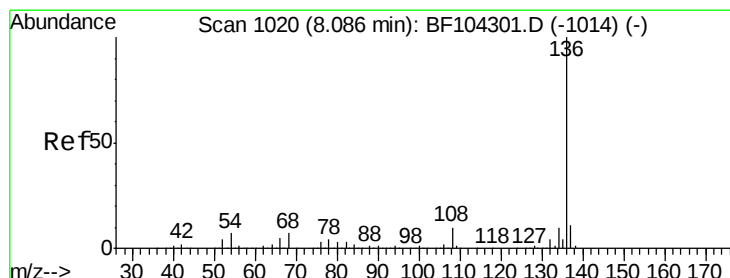
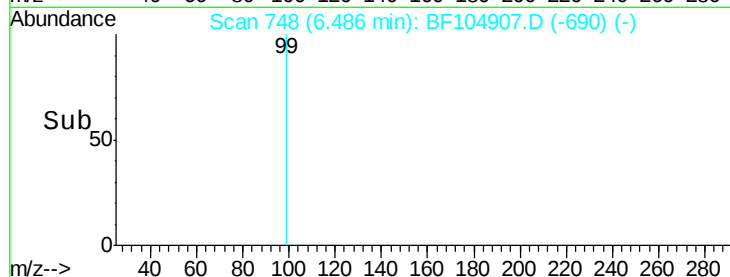
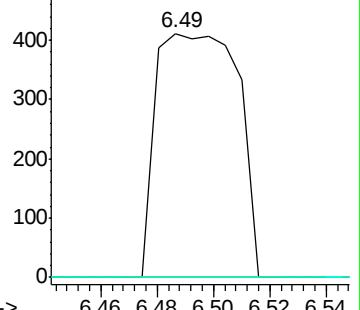
Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 1019

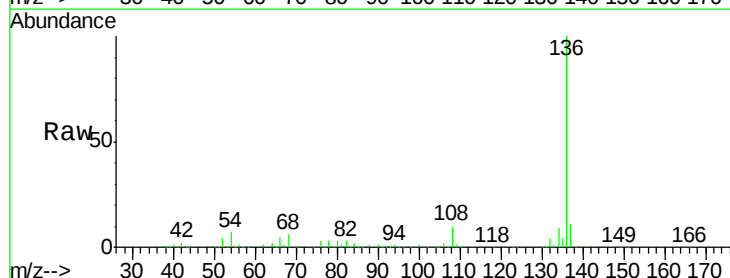
Delta R.T. -0.01 min

Lab File: BF104907.D

Acq: 28 Apr 2018 3:55

Tgt Ion: 136 Resp: 344434

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.7	5.0	7.4

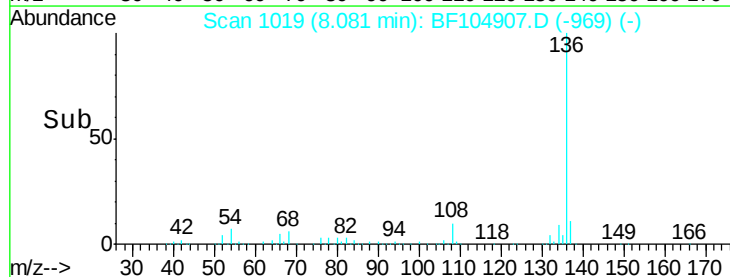
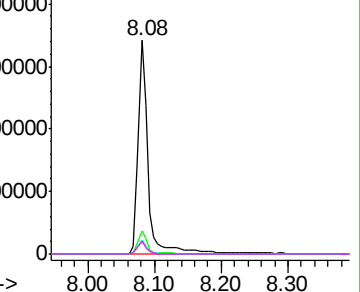


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

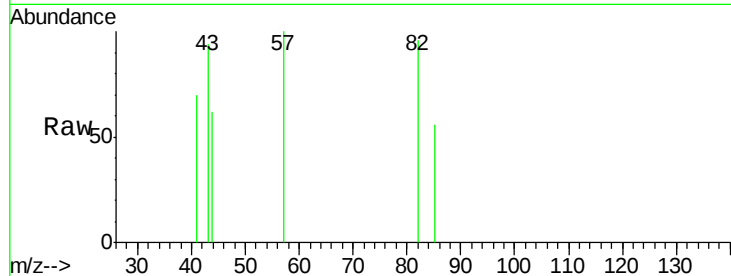
Ion 68.00 (67.70 to 68.70): BF1



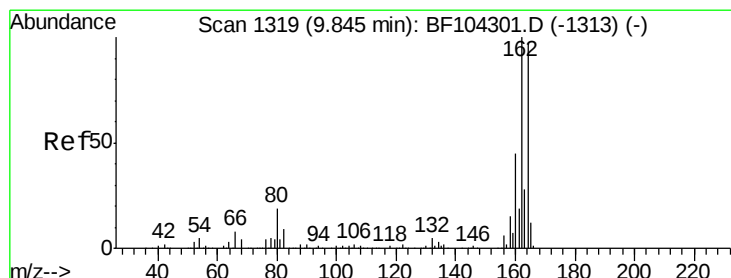
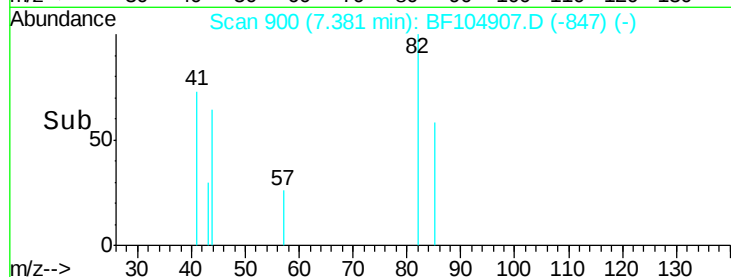
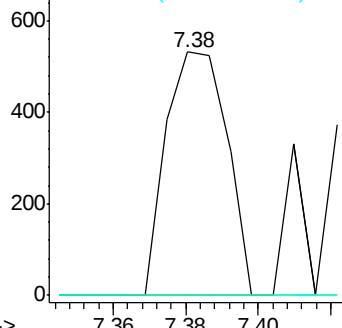


#23
Nitrobenzene-d5
Concen: 0.12 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104907.D
Acq: 28 Apr 2018 3:55

Tot Ion: 82 Resp: 618
Ion Ratio Lower Upper
82 100
128 0.0 36.1 54.1#
54 0.0 41.4 62.2#

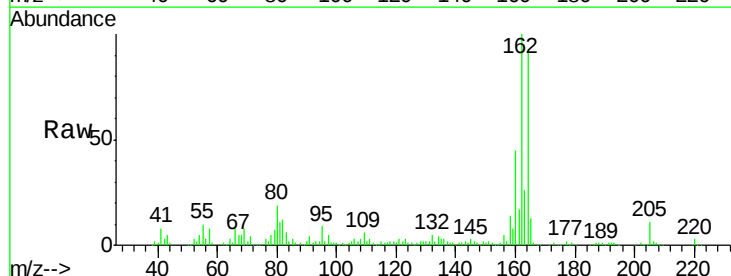


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

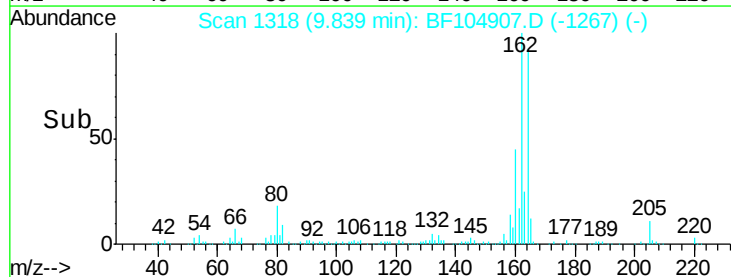
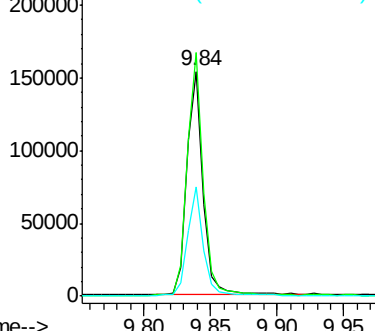


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104907.D
Acq: 28 Apr 2018 3:55

Tgt Ion: 164 Resp: 133156
Ion Ratio Lower Upper
164 100
162 108.3 86.1 129.1
160 48.4 38.3 57.5



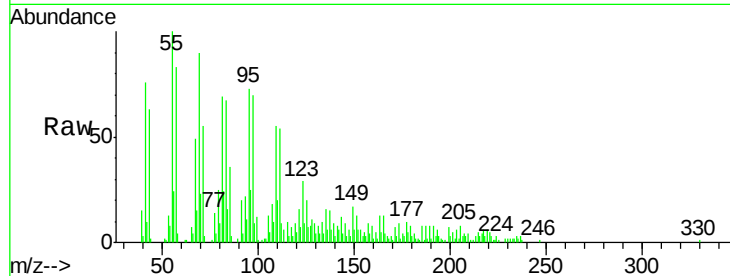
Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1



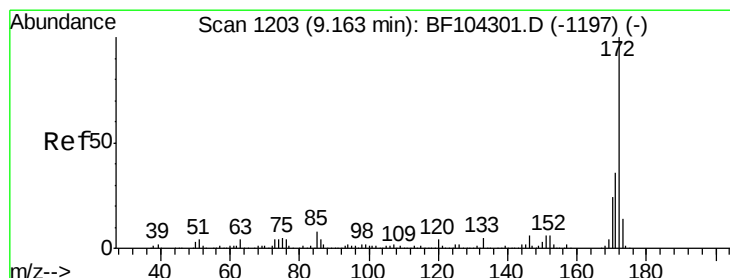
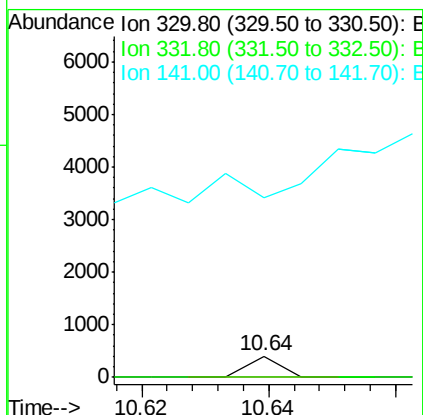
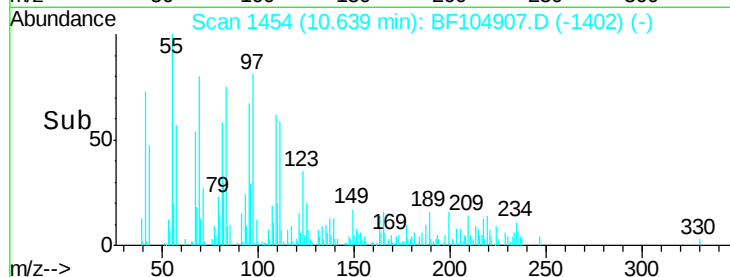


#41
 2,4,6-Tribromophenol
 Concen: 0.10 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.0	115.6#
141	0.0	29.9	44.9#

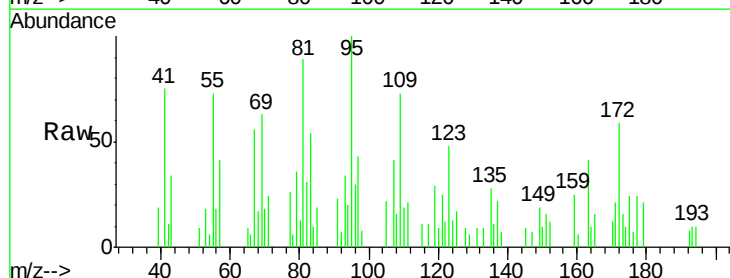


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

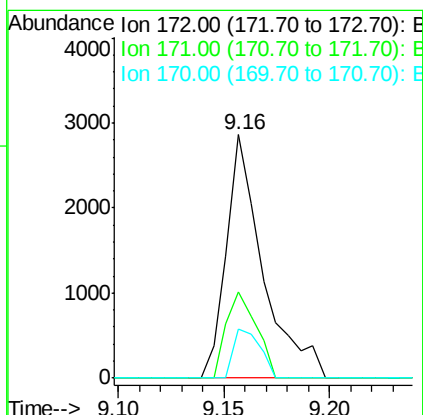
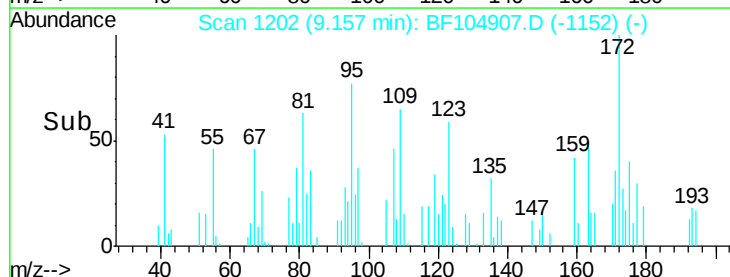


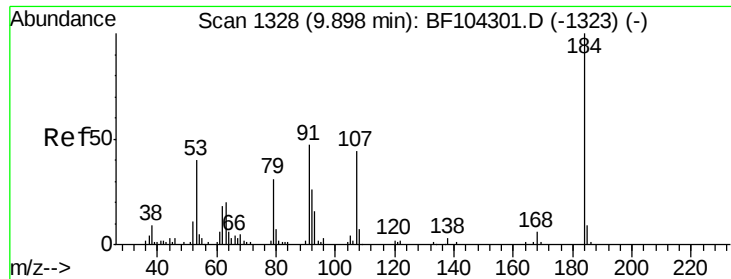
#44
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	20.0	19.6	29.4



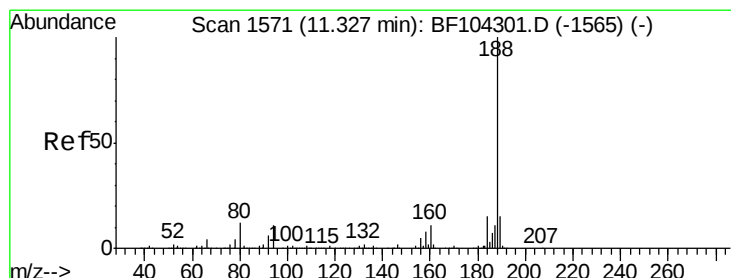
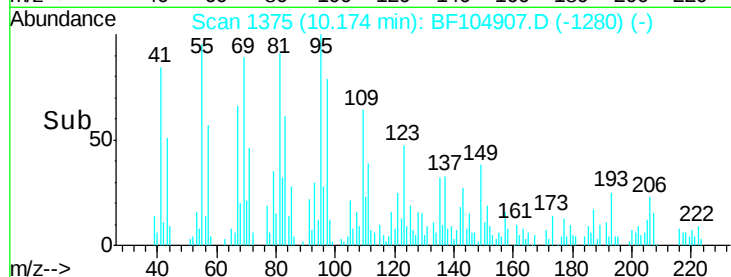
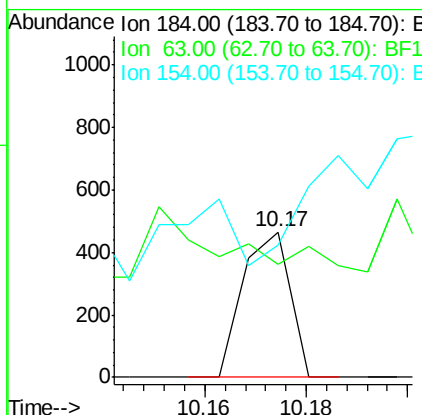
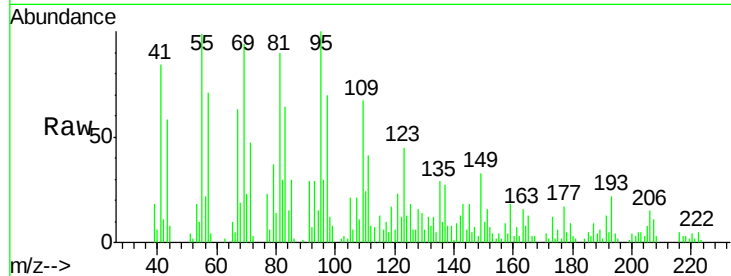
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





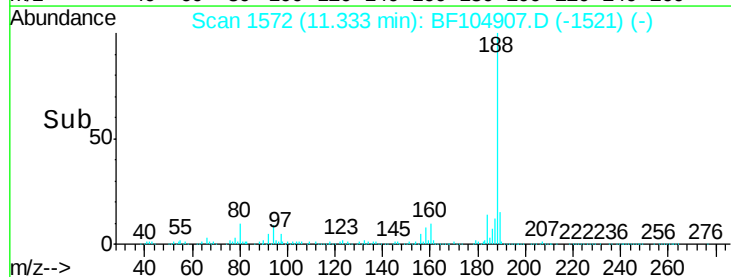
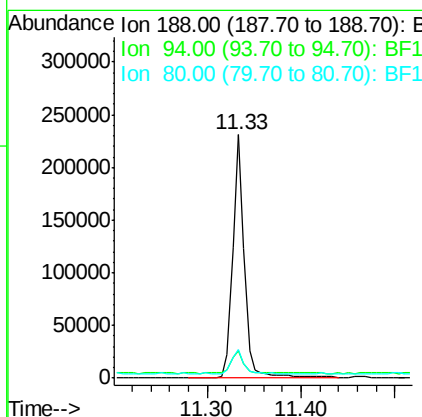
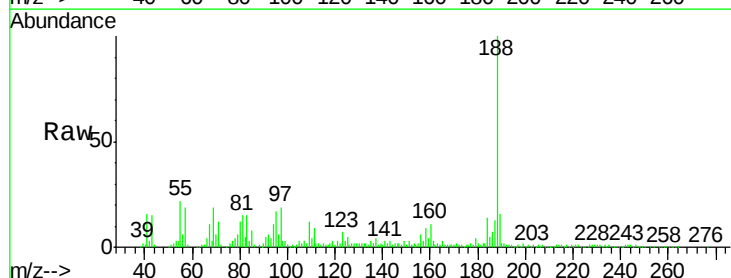
#53
 2,4-Dinitrophenol
 Concen: 5.69 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.26 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

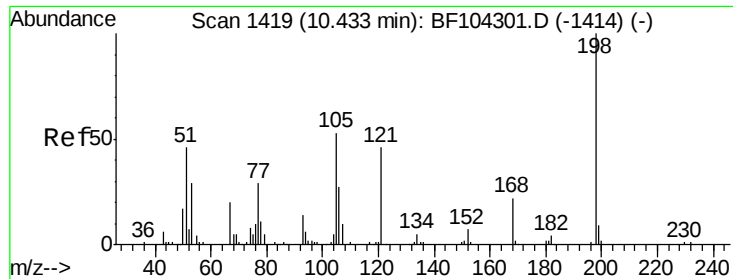
Tot Ion:184 Resp: 299
 Ion Ratio Lower Upper
 184 100
 63 77.8 54.2 81.2
 154 91.2 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

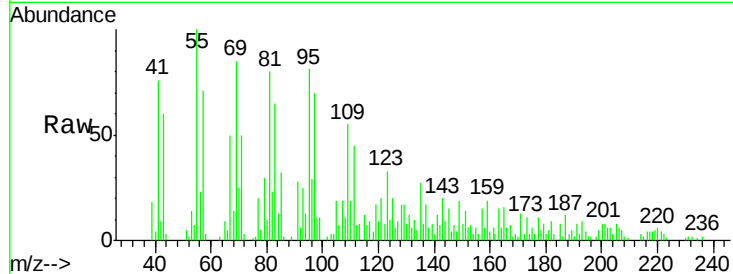
Tgt Ion:188 Resp: 195681
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.8 9.2 13.8



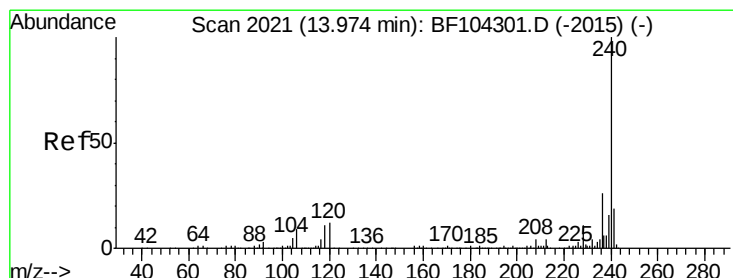
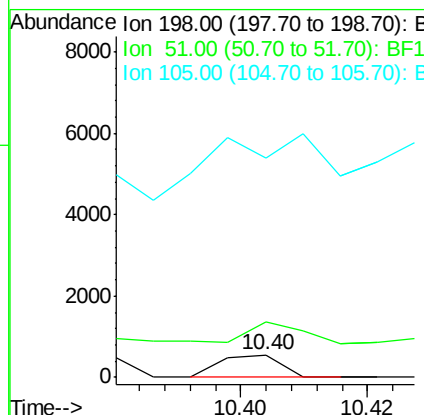
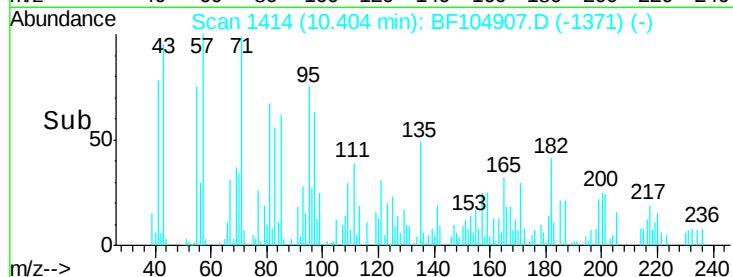


#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.67 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.05 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

Tot Ion:198	Resp:	367
Ion Ratio	Lower	Upper
198	100	
51	242.2	37.7 77.7#
105	967.7	36.3 76.3#

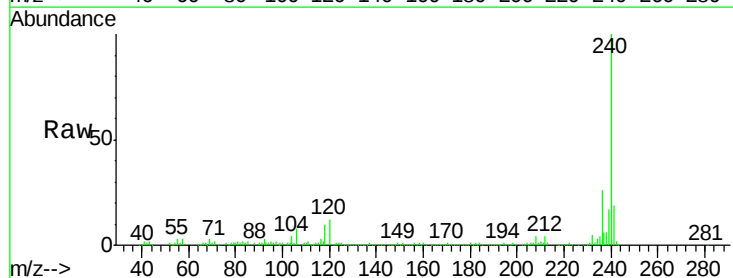


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

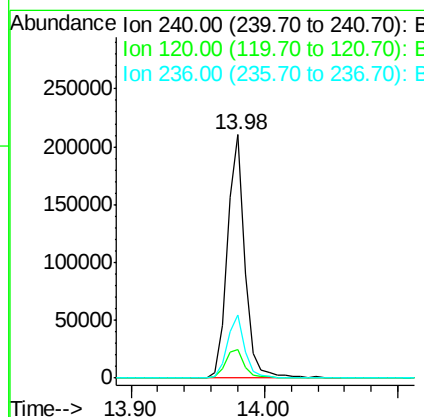
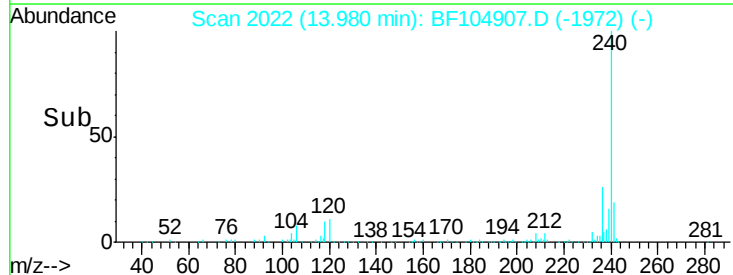


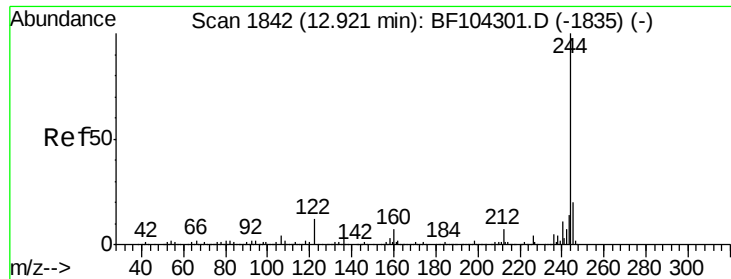
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104907.D
 Acq: 28 Apr 2018 3:55

Tgt Ion:240	Resp:	194791
Ion Ratio	Lower	Upper
240	100	
120	11.7	9.5 14.3
236	25.8	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: 0.53 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104907.D

Acq: 28 Apr 2018 3:55

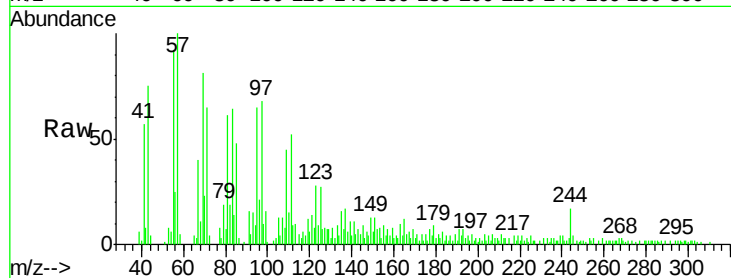
Tot Ion:244 Resp: 4568

Ion Ratio Lower Upper

244 100

212 15.1 5.4 8.0#

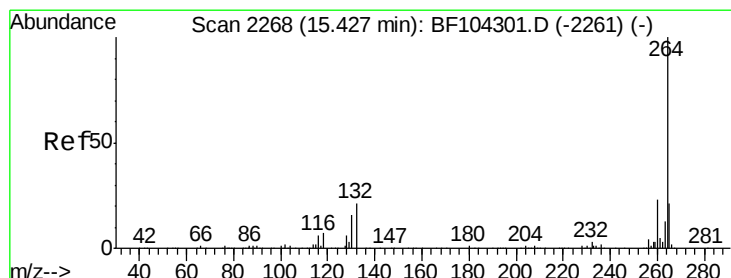
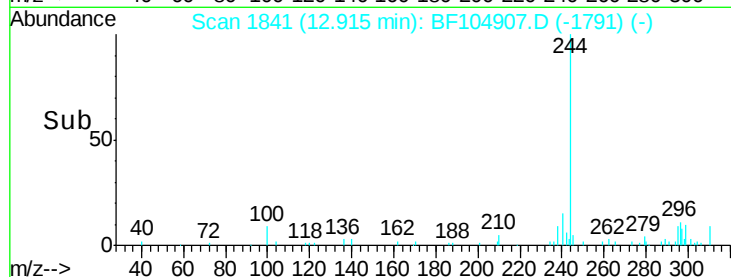
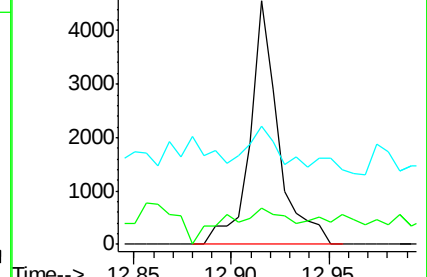
122 48.8 11.0 16.4#



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: 20.00 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF104907.D

Acq: 28 Apr 2018 3:55

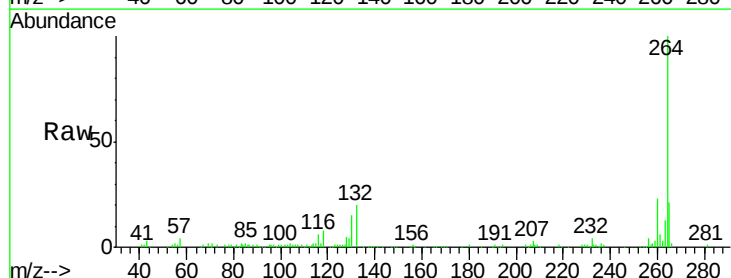
Tgt Ion:264 Resp: 151420

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 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

