

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104888.D
 Acq On : 27 Apr 2018 18:24
 Operator : JU/SJ
 Sample : J2522-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

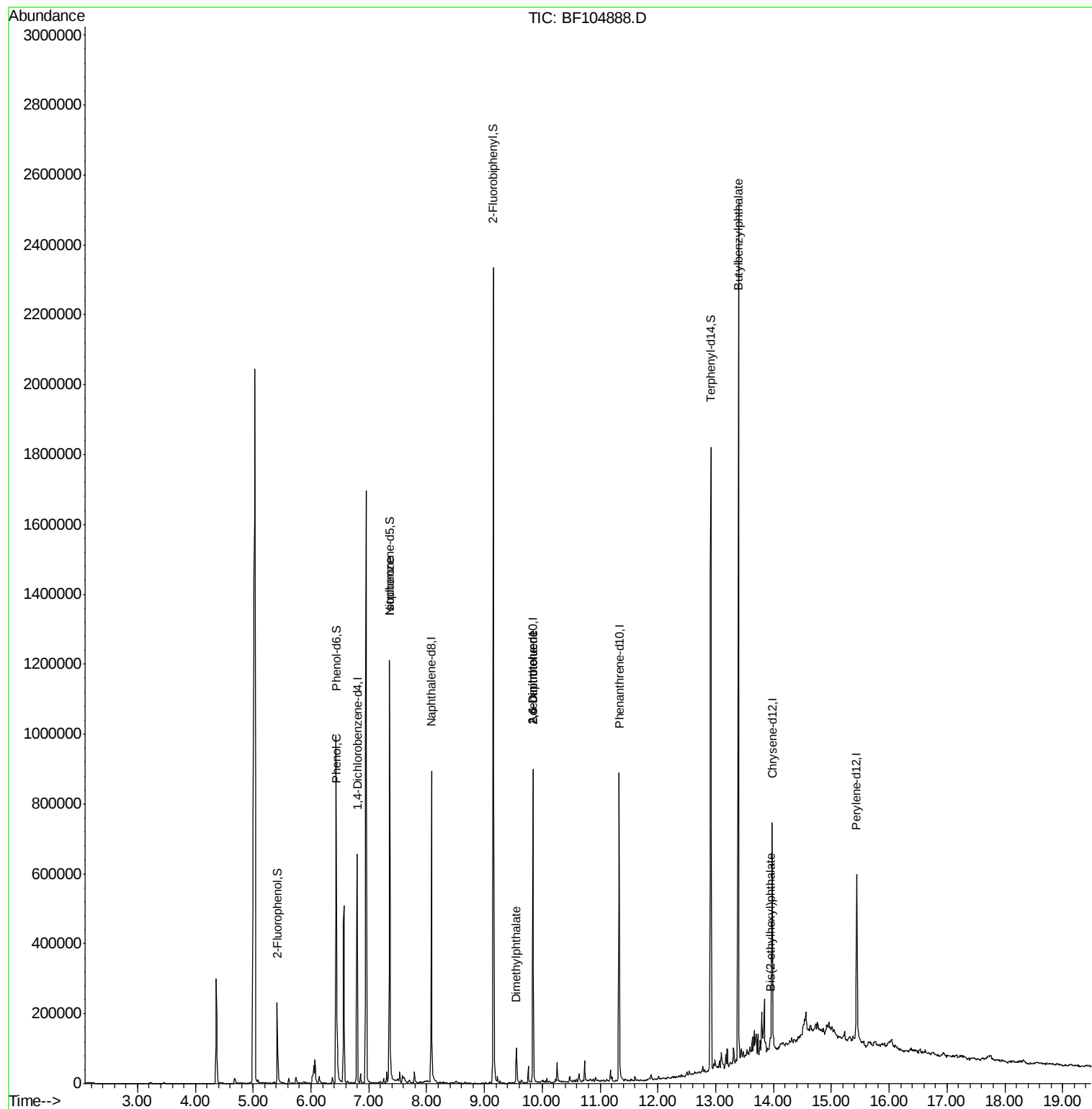
Quant Time: Apr 27 22:47:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

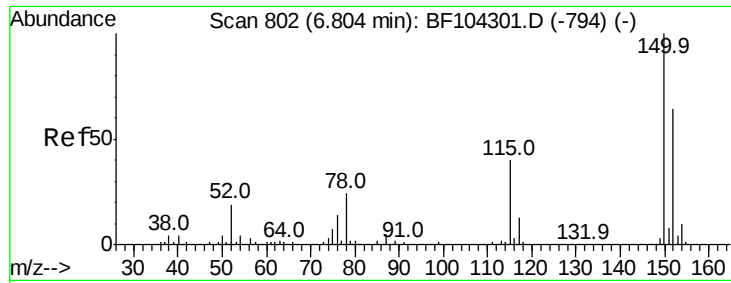
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105537	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	435044	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	193694	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	331286	20.00	ng	0.00
75) Chrysene-d12	13.97	240	214946	20.00	ng	-0.01
86) Perylene-d12	15.44	264	228793	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	83048	12.03	ng	0.00
7) Phenol-d6	6.43	99	388145	45.77	ng	-0.01
23) Nitrobenzene-d5	7.36	82	382575	57.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	3685	1.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	738631	60.24	ng	0.00
78) Terphenyl-d14	12.92	244	597936	63.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	113	Below Cal	Qvalue	
10) Phenol	6.45	94	38978	4.332 ng	#	1
25) Isophorone	7.36	82	382569	27.154 ng	#	64
49) Dimethylphthalate	9.55	163	48991	3.207 ng		99
50) 2,6-Dinitrotoluene	9.83	165	24742	8.754 ng	#	25
56) 2,4-Dinitrotoluene	9.83	165	24742	6.674 ng	#	22
76) Benzidine	12.92	184	8336	Below Cal		99
79) Butylbenzylphthalate	13.39	149	602437	80.260 ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	20186	2.091 ng	#	67

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

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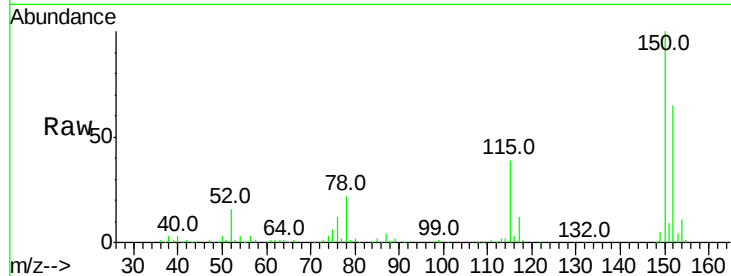




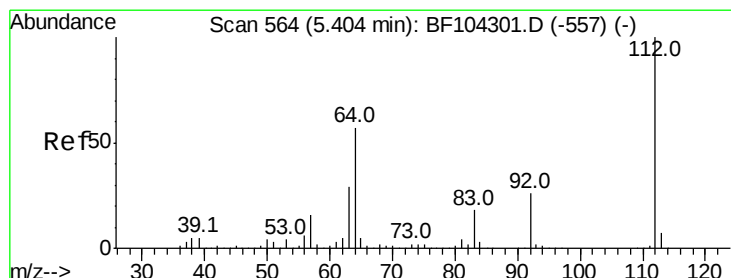
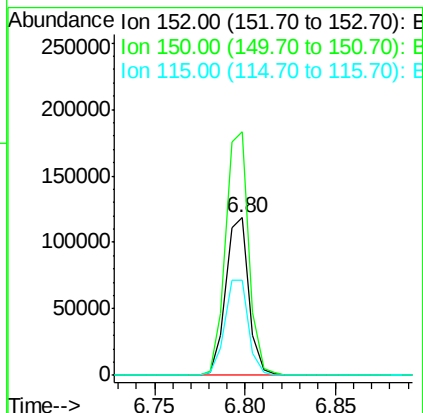
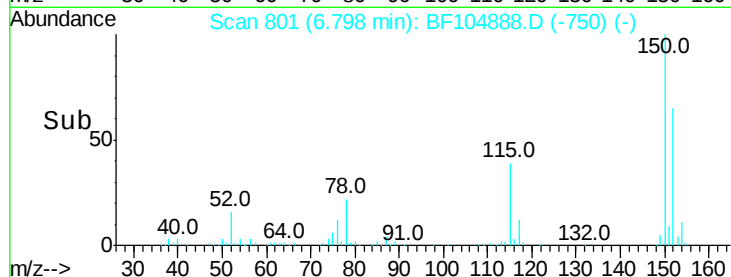
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104888.D
Acq: 27 Apr 2018 18:24

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	60.2	50.1	75.1



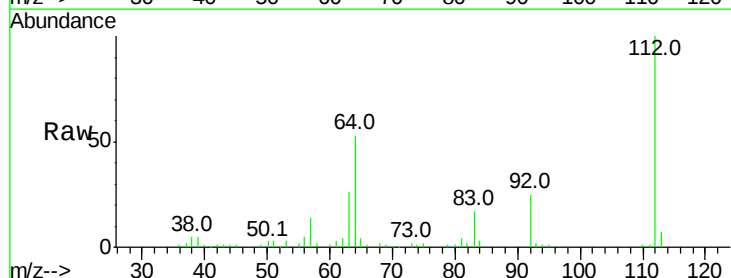
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



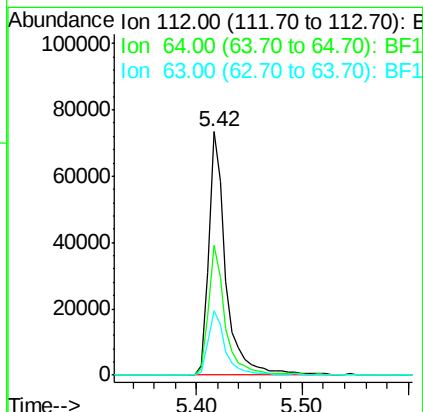
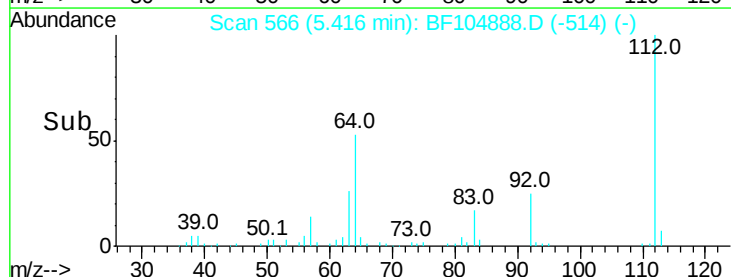
#5

2-Fluorophenol
Concen: 12.032 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104888.D
Acq: 27 Apr 2018 18:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.4	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: 45.769 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

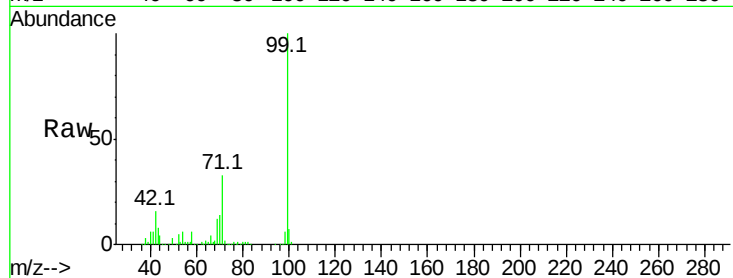
Tot Ion: 99 Resp: 388145

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

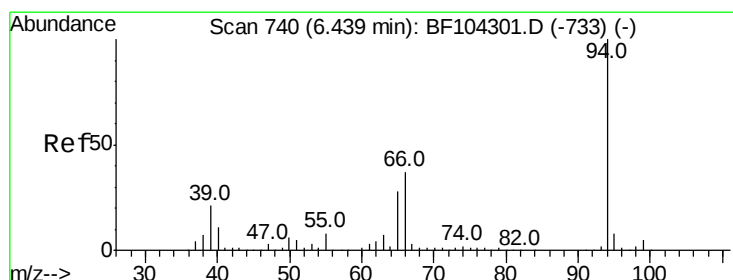
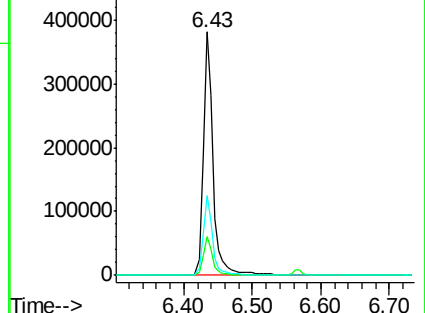
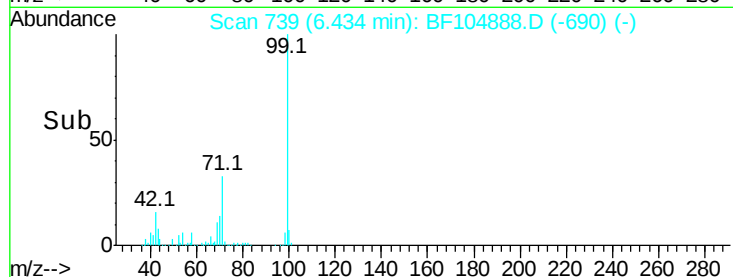
71 32.9 25.4 38.0



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: 4.332 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

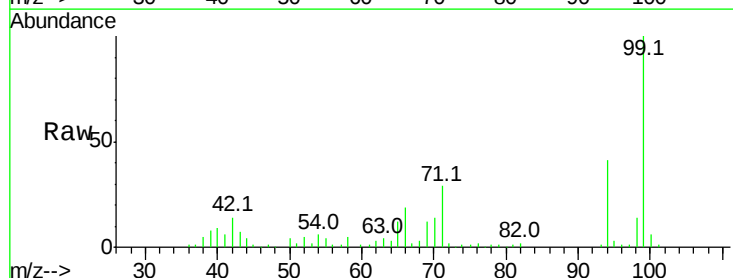
Tgt Ion: 94 Resp: 38978

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

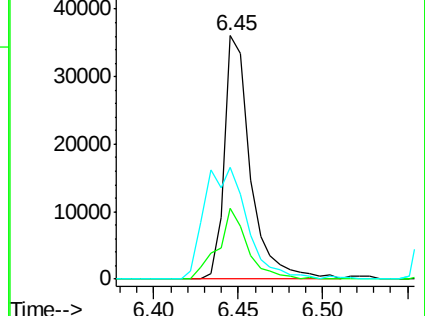
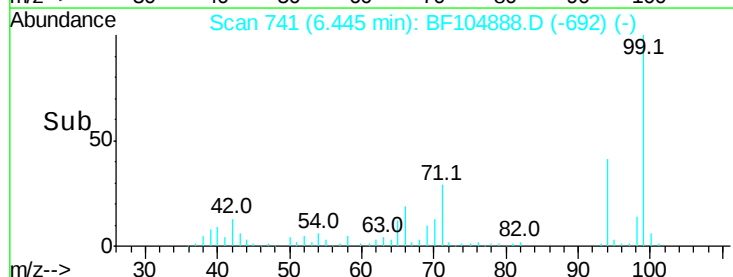
66 45.9 16.2 56.2



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

Tot Ion:136 Resp: 435044

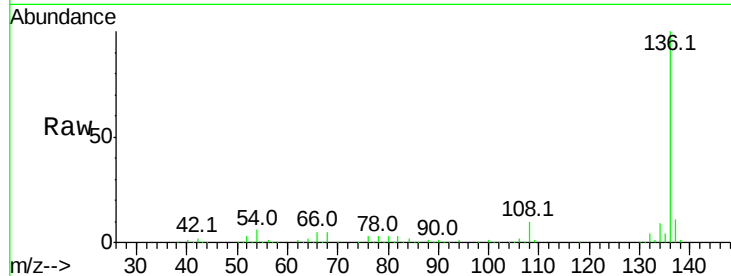
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

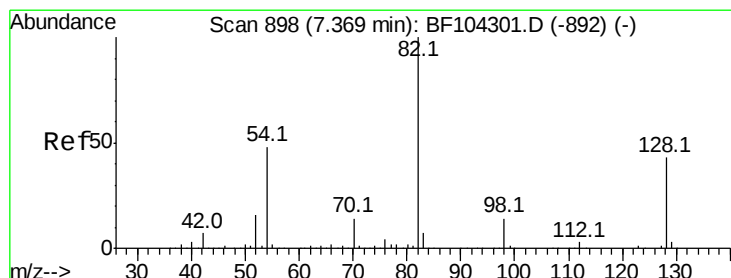
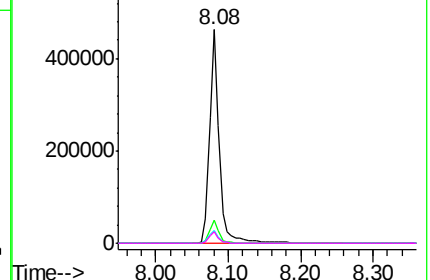
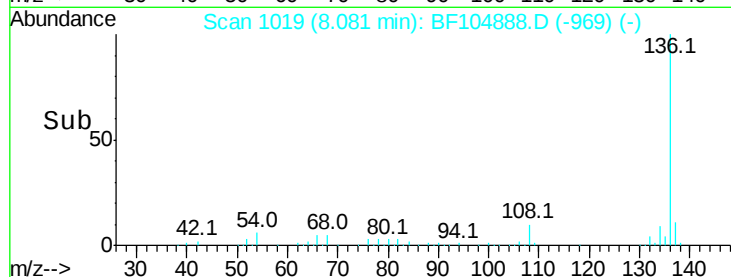


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.423 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

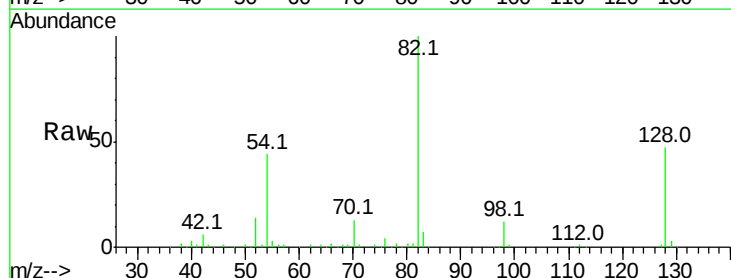
Tgt Ion: 82 Resp: 382575

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

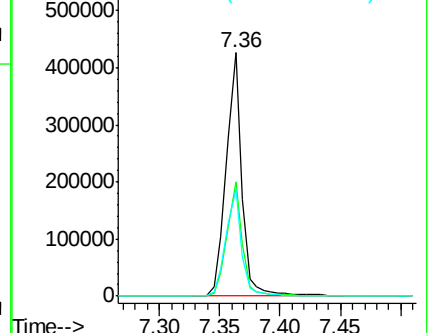
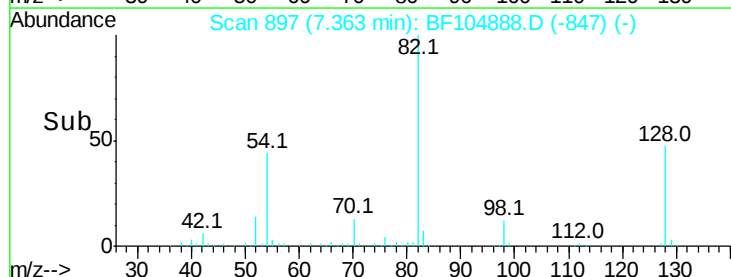
54 43.8 41.4 62.2

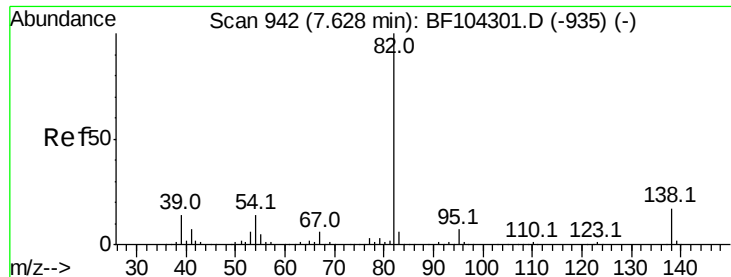


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.154 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

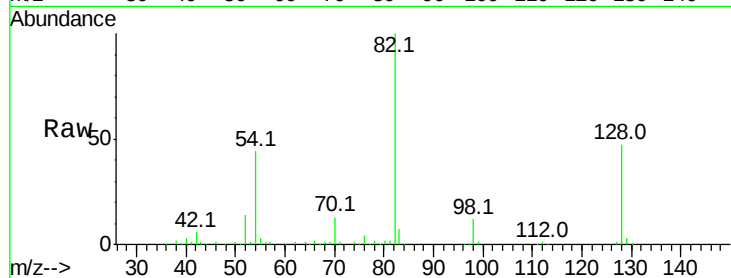
Tot Ion: 82 Resp: 382569

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

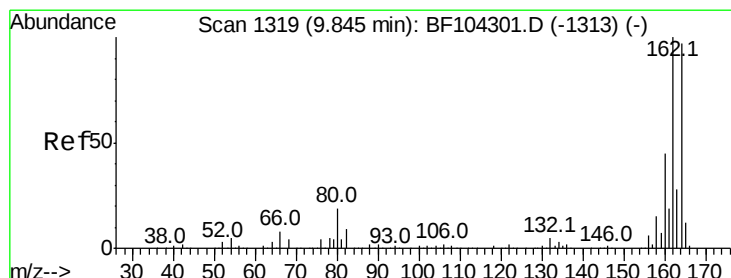
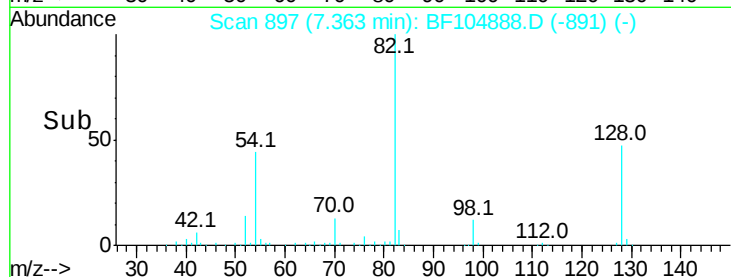
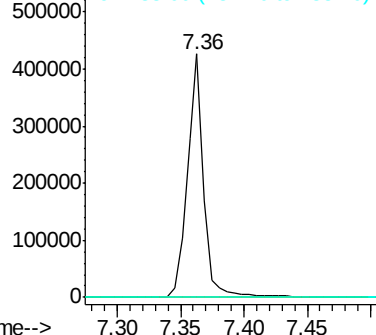
138 0.0 14.9 22.3#



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: BF104888.D

Acq: 27 Apr 2018 18:24

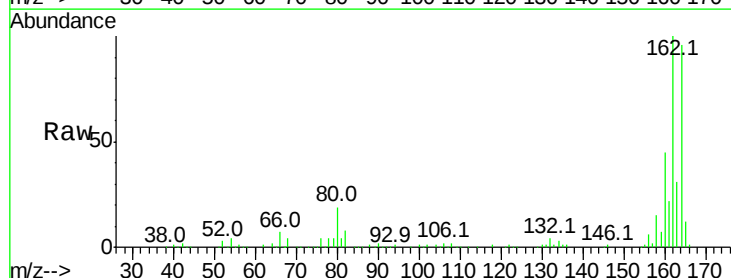
Tgt Ion:164 Resp: 193694

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

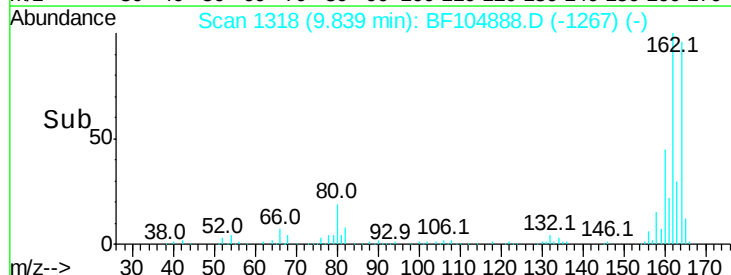
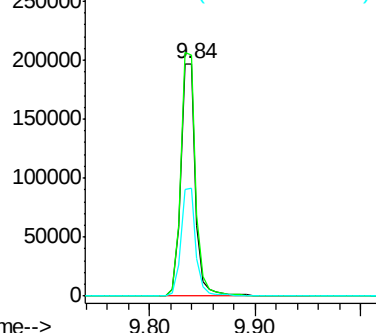
160 46.6 38.3 57.5



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

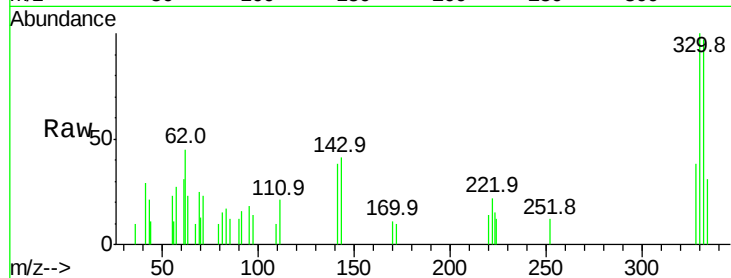




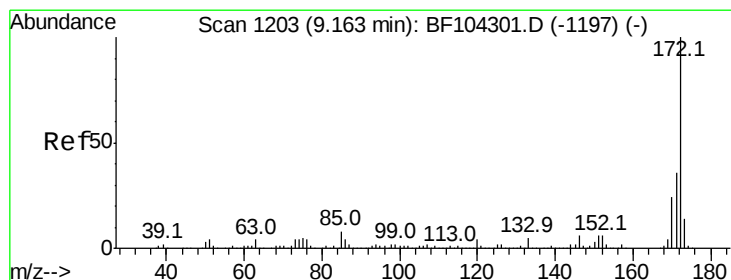
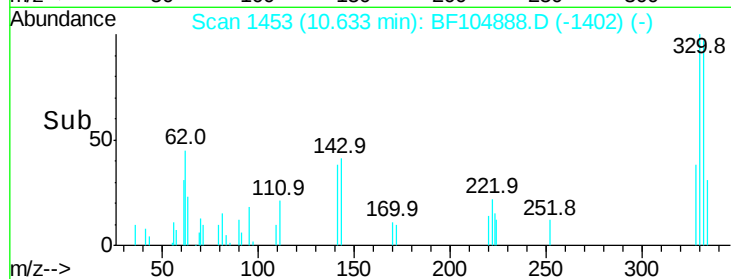
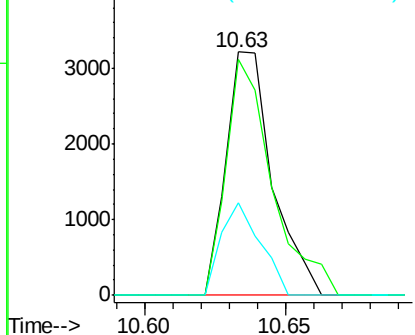
#41
 2,4,6-Tribromophenol
 Concen: 1.834 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104888.D
 Acq: 27 Apr 2018 18:24

Tot Ion:330 Resp: 3685

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.9	29.9	44.9



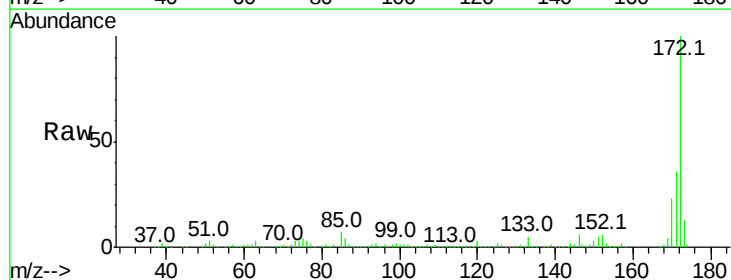
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



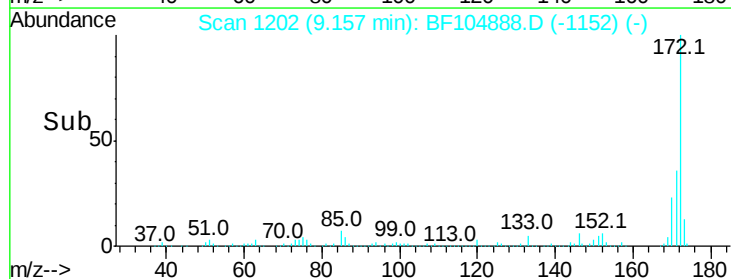
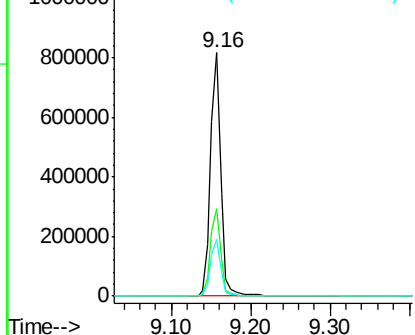
#44
 2-Fluorobiphenyl
 Concen: 60.242 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104888.D
 Acq: 27 Apr 2018 18:24

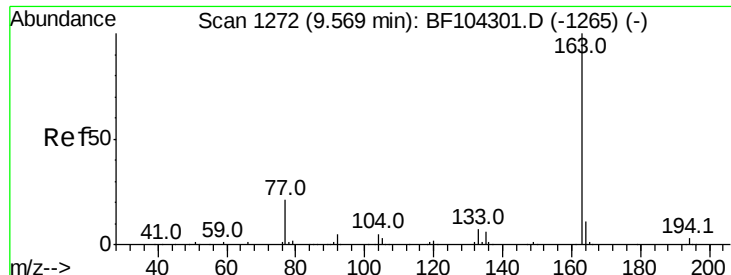
Tgt Ion:172 Resp: 738631

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.2	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





#49

Dimethylphthalate

Concen: 3.207 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

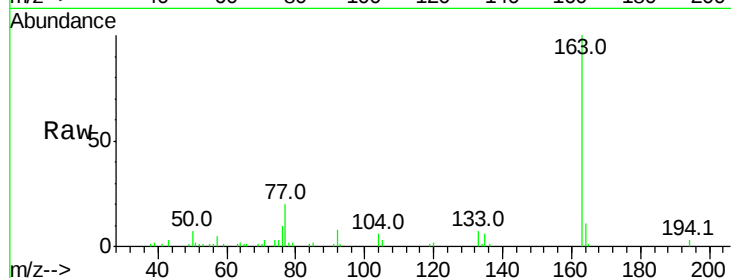
Tot Ion:163 Resp: 48991

Ion Ratio Lower Upper

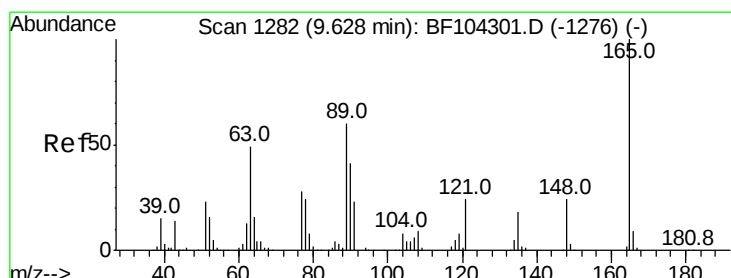
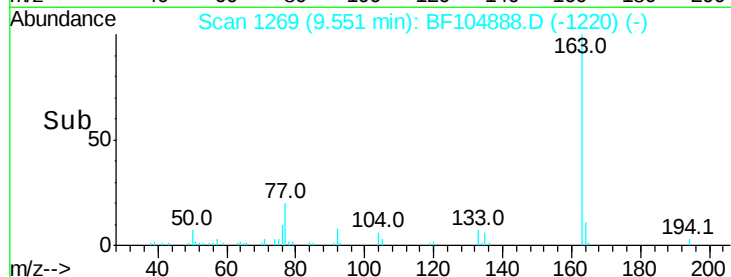
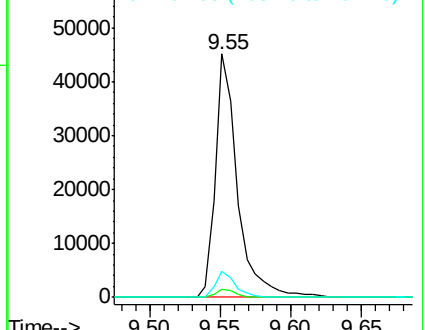
163 100

194 3.3 2.7 4.1

164 10.9 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



#50

2,6-Dinitrotoluene

Concen: 8.754 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

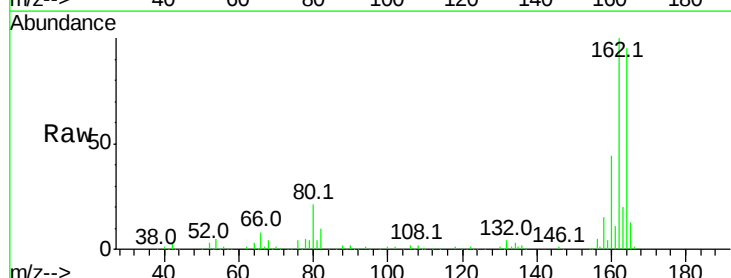
Tgt Ion:165 Resp: 24742

Ion Ratio Lower Upper

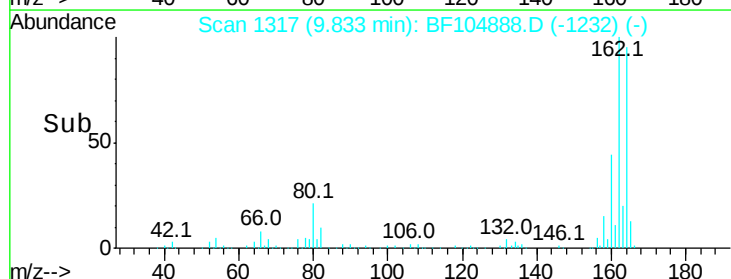
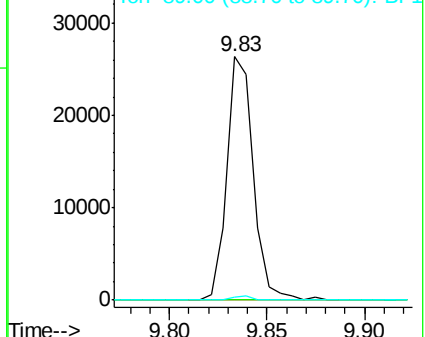
165 100

63 0.0 44.7 67.1#

89 1.3 44.0 66.0#



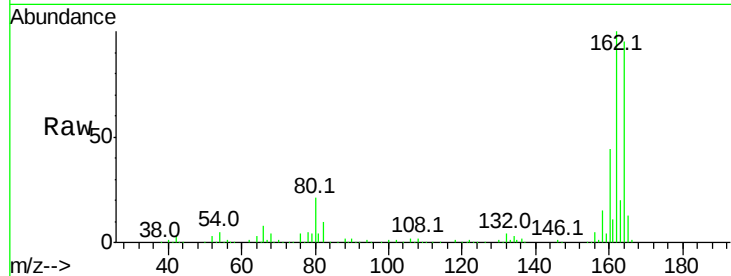
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 6.674 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF104888.D
 Acq: 27 Apr 2018 18:24

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

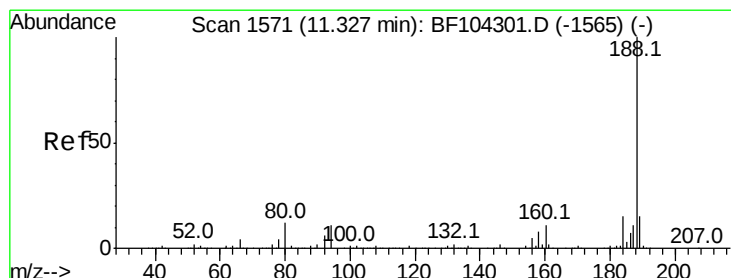
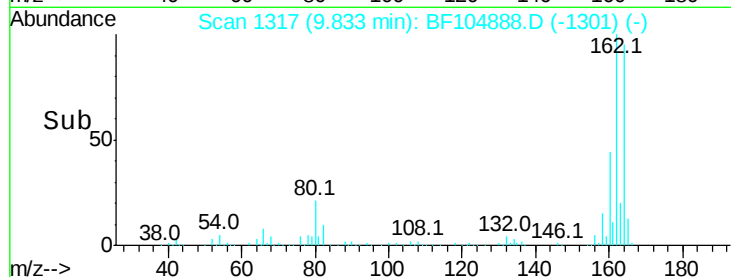
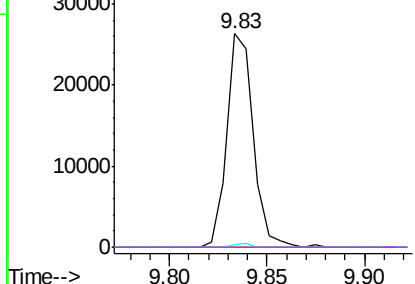


Abundance Ion 165.00 (164.70 to 165.70): E

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



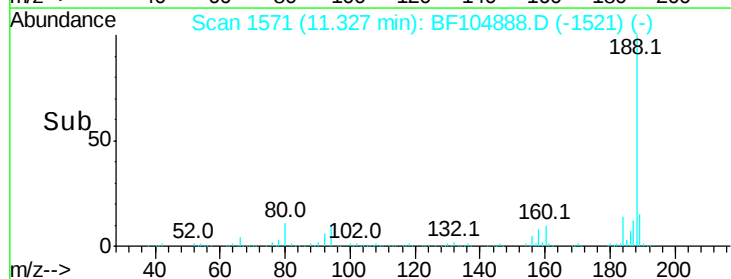
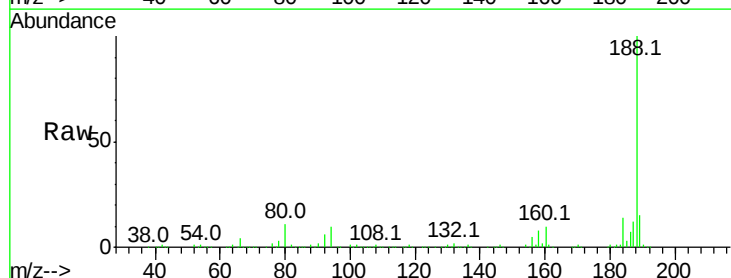
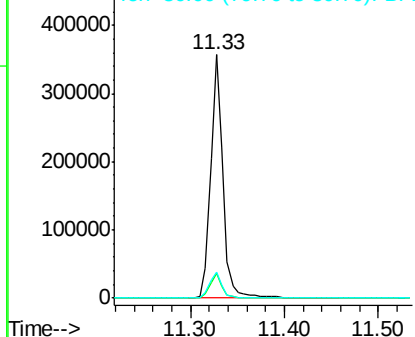
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104888.D
 Acq: 27 Apr 2018 18:24

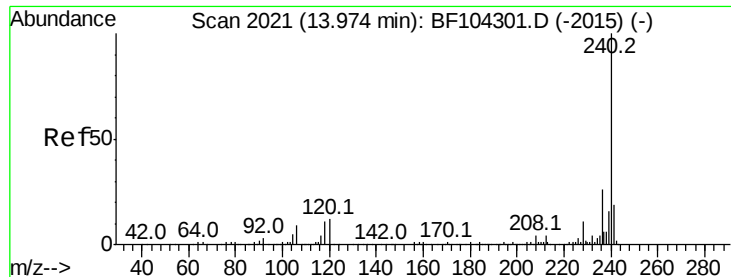
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8

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: 13.97 min Scan# 2021

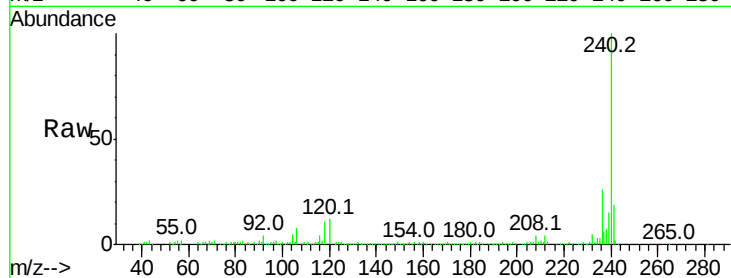
Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

Tot Ion:240 Resp: 214946

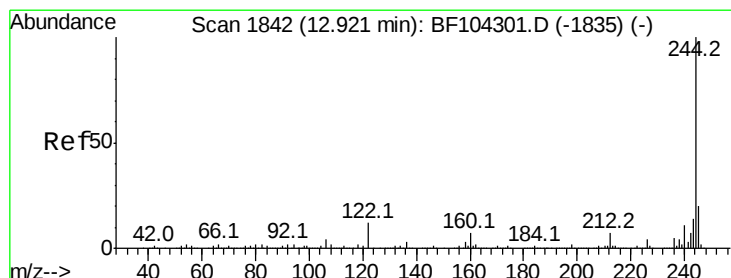
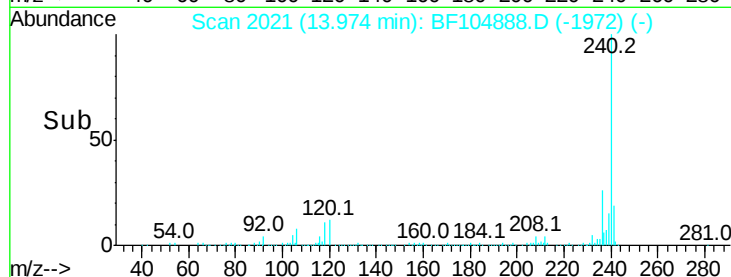
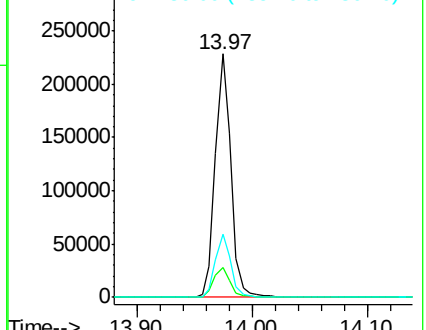
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.9	20.7	31.1



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: 63.420 ng

RT: 12.92 min Scan# 1841

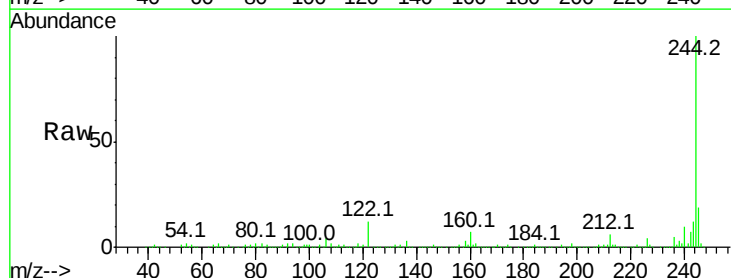
Delta R.T. -0.01 min

Lab File: BF104888.D

Acq: 27 Apr 2018 18:24

Tgt Ion:244 Resp: 597936

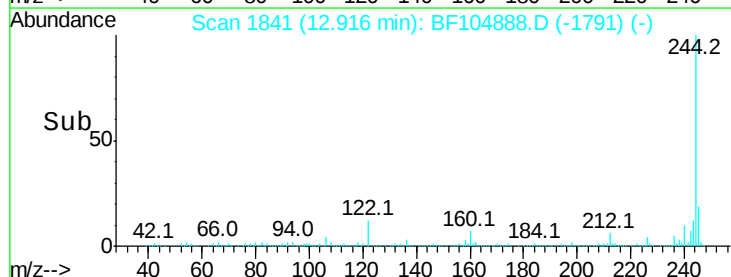
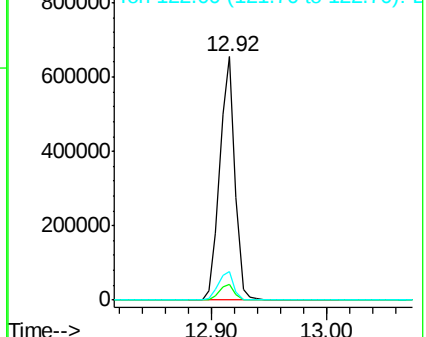
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.9	11.0	16.4

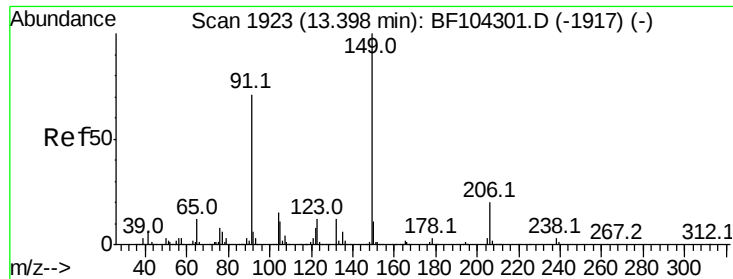


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

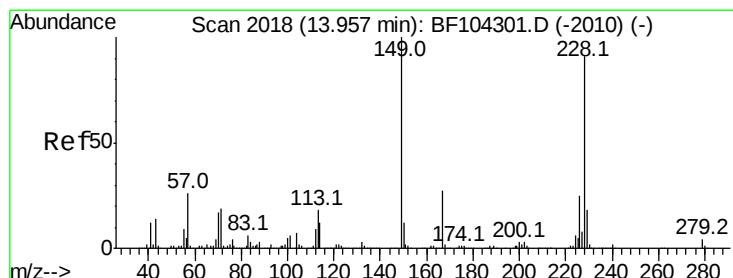
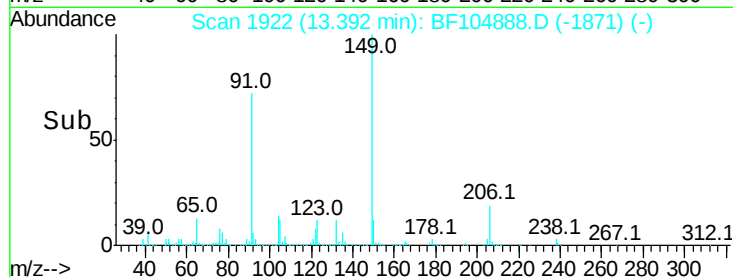
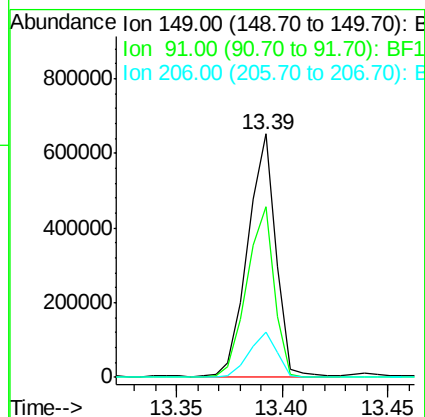
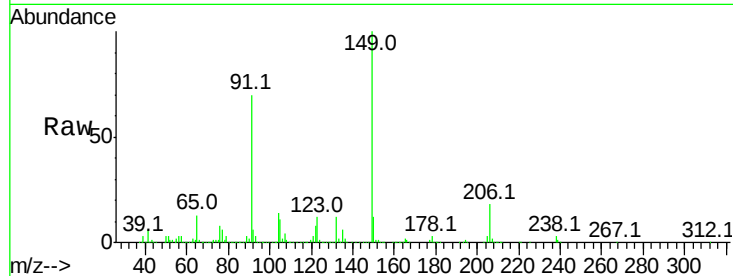
Ion 122.00 (121.70 to 122.70): E





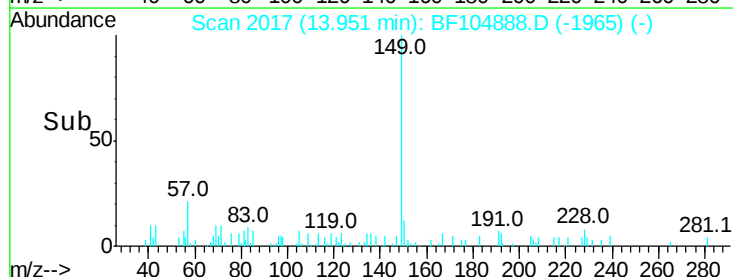
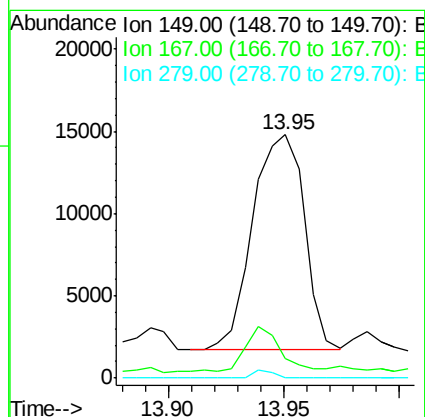
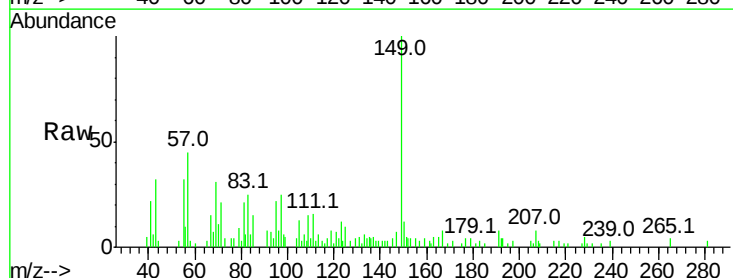
#79
Butylbenzylphthalate
Concen: 80.260 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BF104888.D
Acq: 27 Apr 2018 18:24

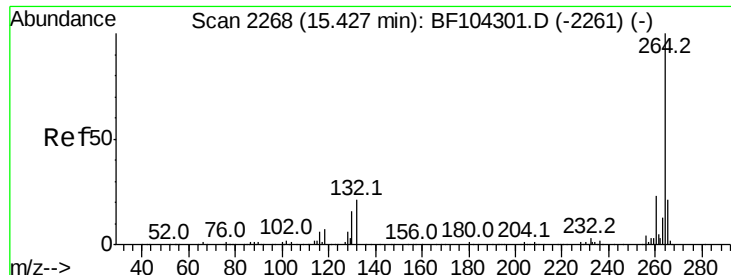
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.8	85.2
206	18.4	14.1	21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.091 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF104888.D
Acq: 27 Apr 2018 18:24

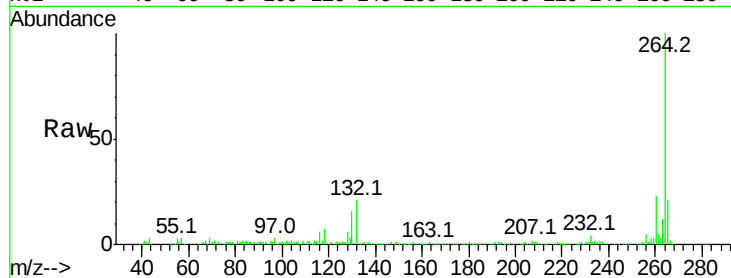
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.9	21.3	31.9#
279	0.0	3.0	4.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104888.D
 Acq: 27 Apr 2018 18:24

Tot Ion:264	Resp:	228793
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.2 28.8
265	20.7	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

