

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104887.D
 Acq On : 27 Apr 2018 17:57
 Operator : JU/SJ
 Sample : J2522-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 27 22:46:32 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	109240	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436207	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	189741	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	287879	20.00	ng	0.00
75) Chrysene-d12	14.00	240	206442	20.00	ng	0.02
86) Perylene-d12	15.48	264	219791	20.00	ng	0.03

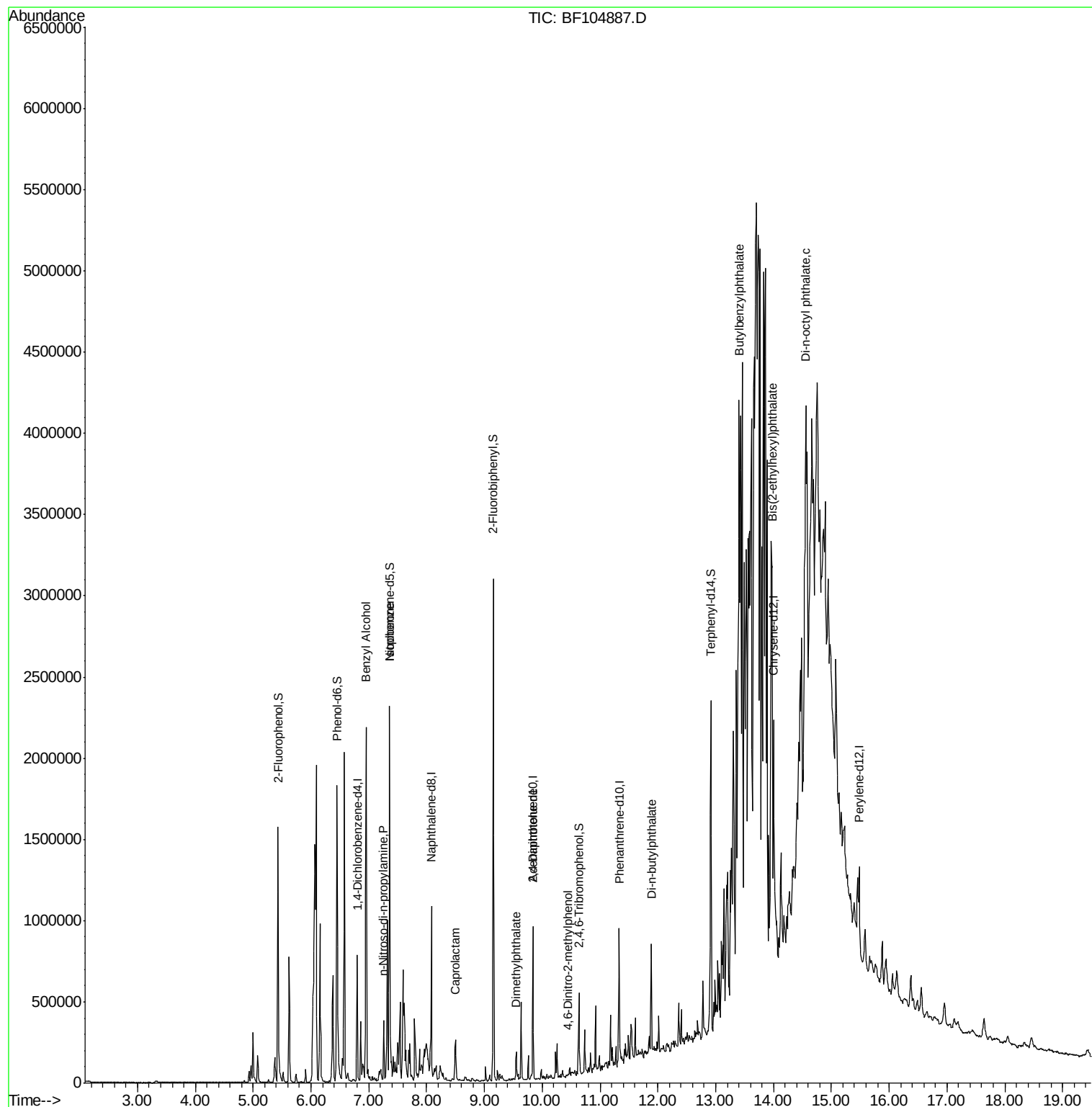
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	537057	75.17	ng	0.02
7) Phenol-d6	6.45	99	795559	90.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	483687	72.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	55010	27.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	928425	77.30	ng	0.00
78) Terphenyl-d14	12.92	244	686440	75.81	ng	0.00

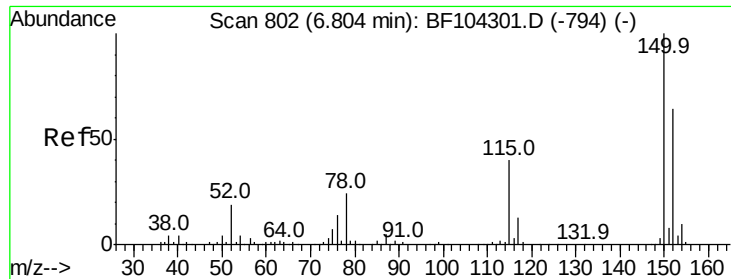
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.95	79	48592	7.288	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	22089	3.851	ng	# 60
25) Isophorone	7.36	82	483687	34.240	ng	# 64
35) Caprolactam	8.50	113	32951	15.879	ng	# 86
49) Dimethylphthalate	9.55	163	59781	3.995	ng	98
56) 2,4-Dinitrotoluene	9.83	165	24709	6.804	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.44	198	125	7.423	ng	# 1
73) Di-n-butylphthalate	11.89	149	358245	18.416	ng	99
76) Benzidine	12.72	184	409	Below Cal		# 1
79) Butylbenzylphthalate	13.40	149	1340248	185.911	ng	# 74
83) Bis(2-ethylhexyl)phthalate	13.97	149	1942889	209.528	ng	# 59
84) Di-n-octyl phthalate	14.56	149	1964926	126.820	ng	# 69

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

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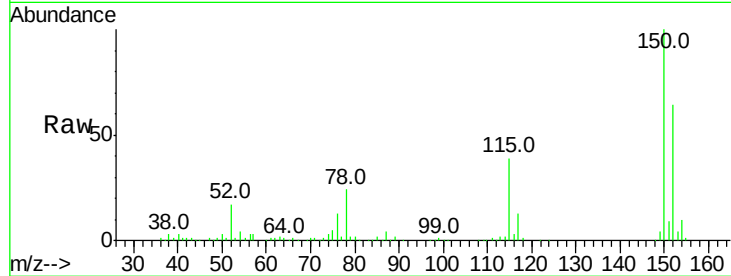




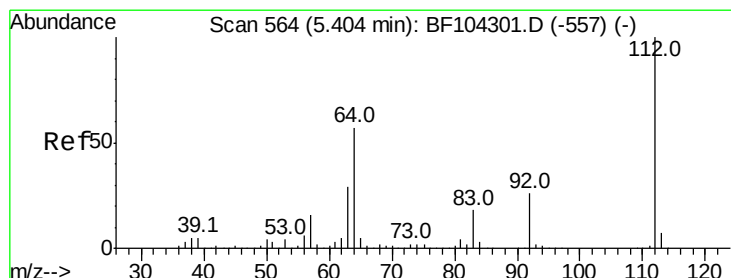
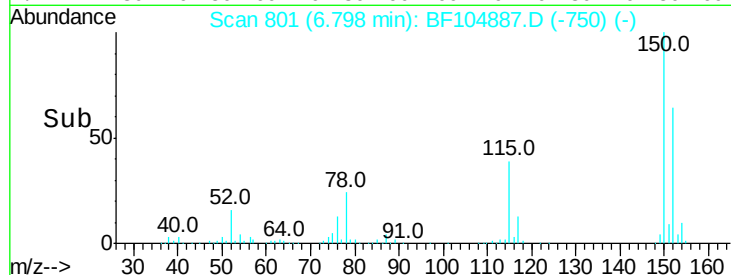
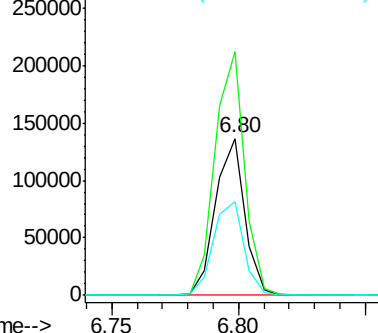
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.0	50.1	75.1



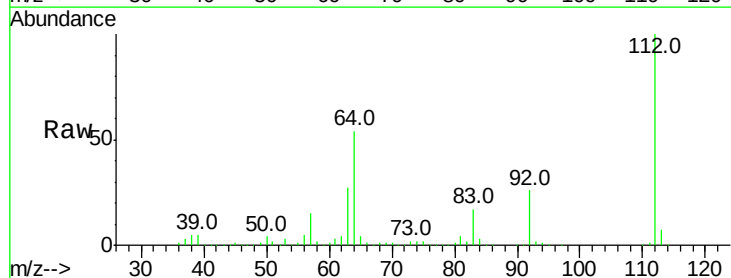
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



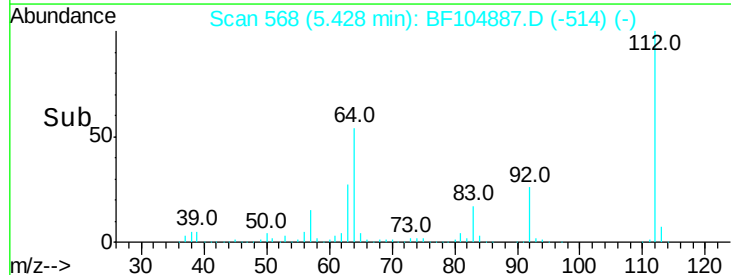
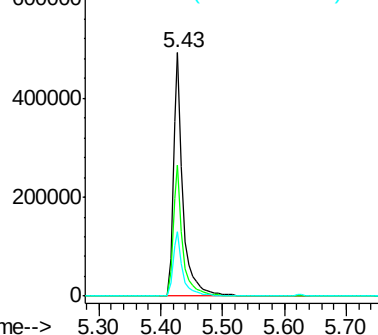
#5

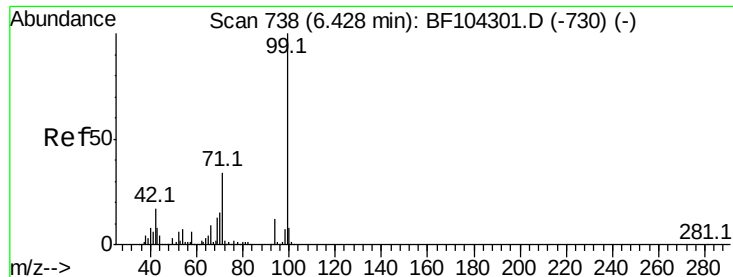
2-Fluorophenol
Concen: 75.173 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.6	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: 90.631 ng

RT: 6.45 min Scan# 742

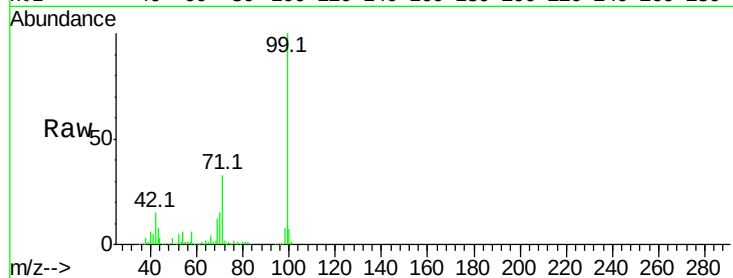
Delta R.T. 0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

Tot Ion: 99 Resp: 795559

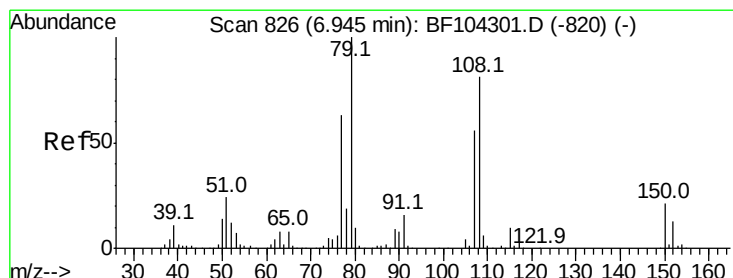
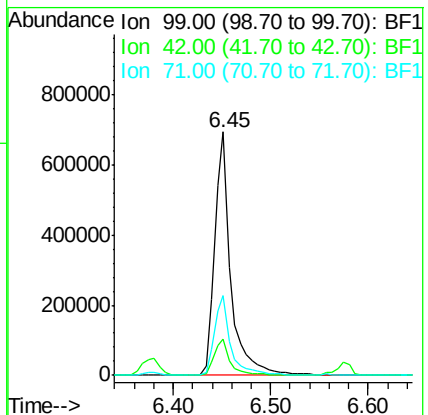
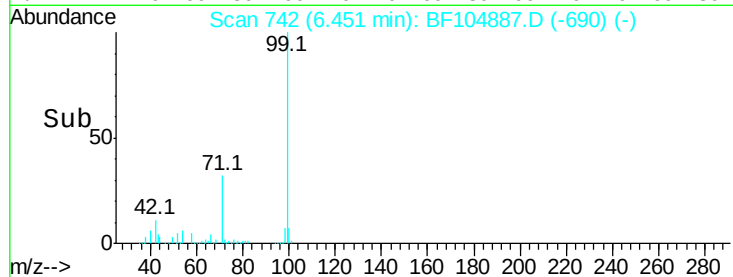
Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	32.8	25.4	38.0



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



#15

Benzyl Alcohol

Concen: 7.288 ng

RT: 6.95 min Scan# 826

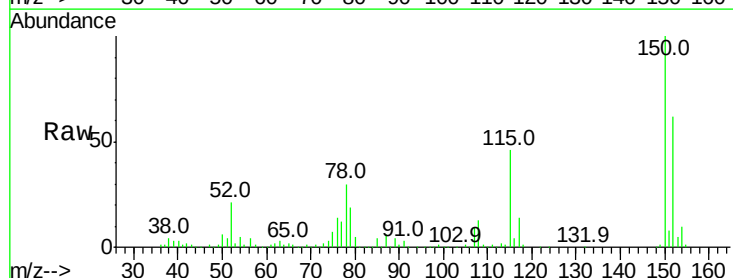
Delta R.T. 0.00 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

Tgt Ion: 79 Resp: 48592

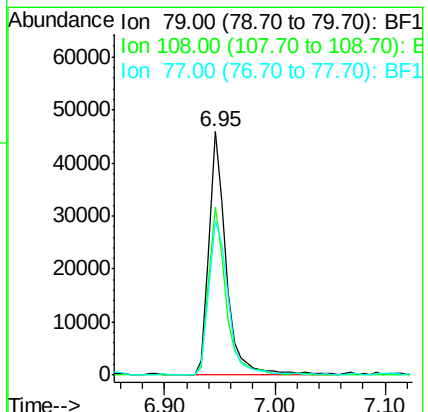
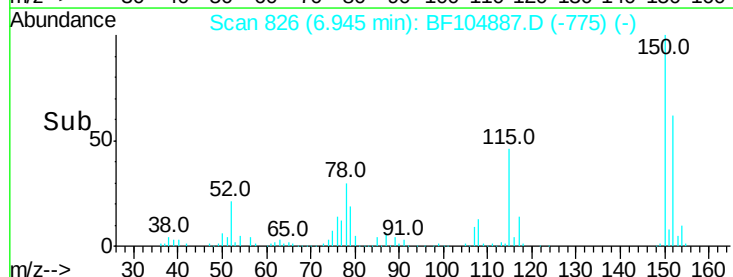
Ion	Ratio	Lower	Upper
79	100		
108	69.0	65.1	97.7
77	63.3	50.6	75.8

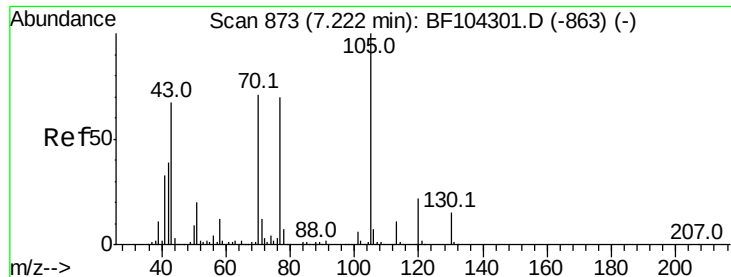


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

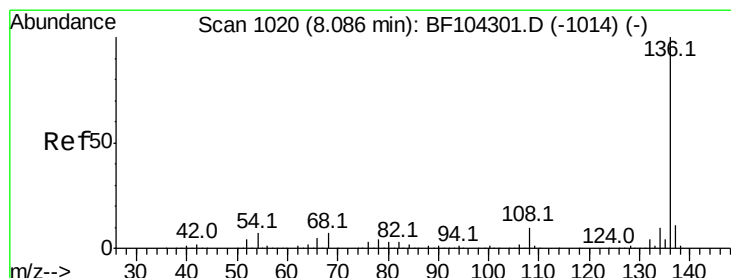
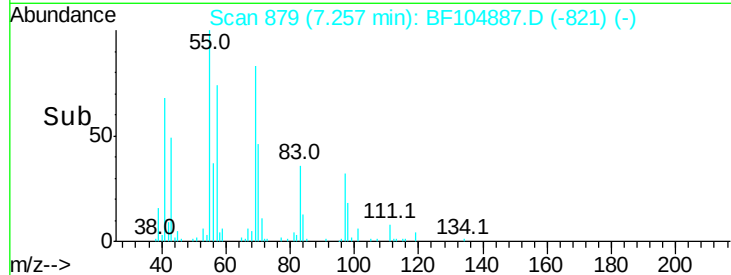
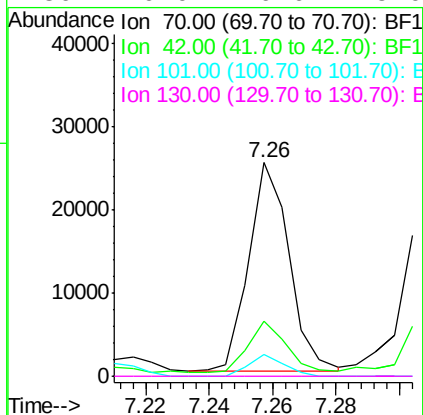
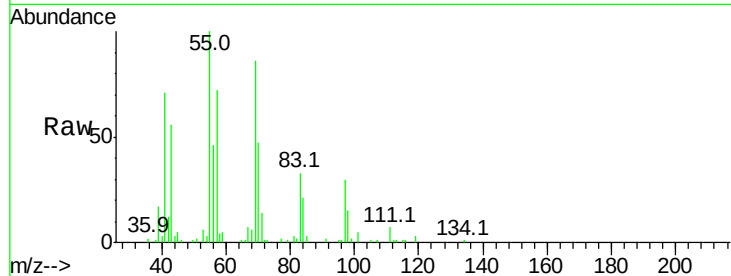
Ion 77.00 (76.70 to 77.70): BF1





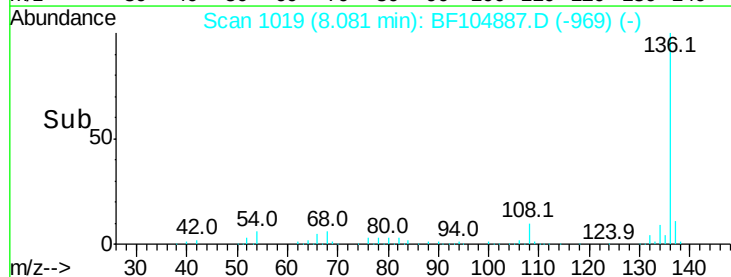
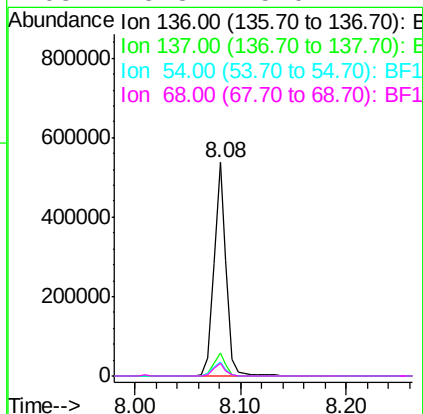
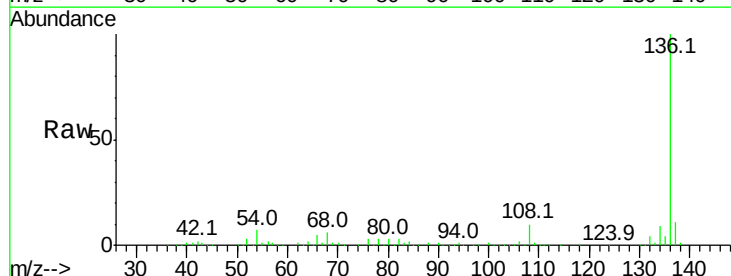
#19
n-Nitroso-di-n-propylamine
Concen: 3.851 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.04 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

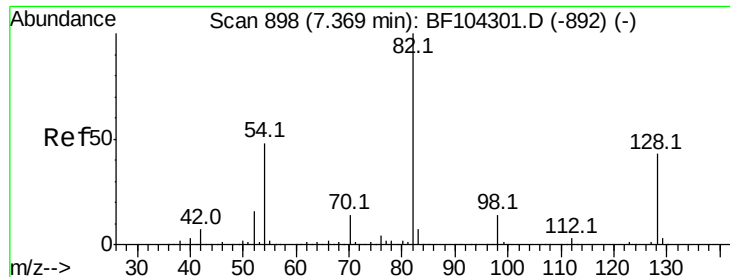
Tot Ion: 70 Resp: 22089
Ion Ratio Lower Upper
70 100
42 25.7 47.5 71.3#
101 10.4 7.4 11.2
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tgt Ion: 136 Resp: 436207
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.6 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 72.406 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

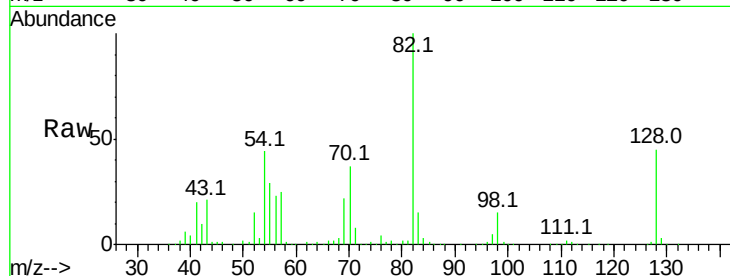
Tot Ion: 82 Resp: 483687

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

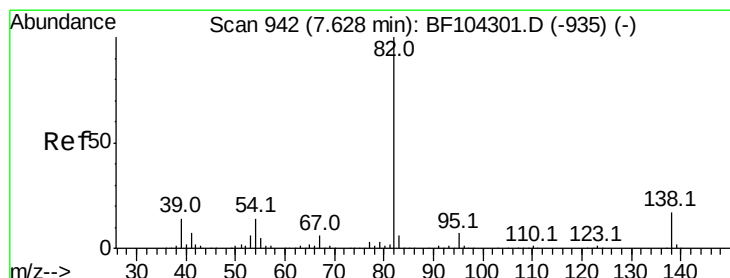
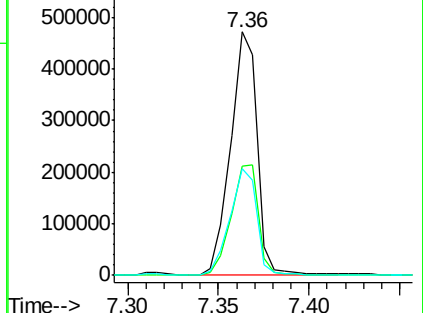
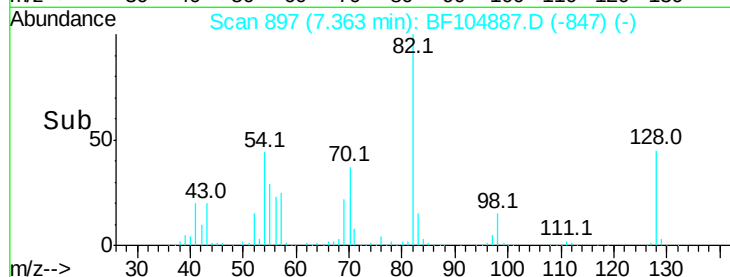
54 43.9 41.4 62.2



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



#25

Isophorone

Concen: 34.240 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

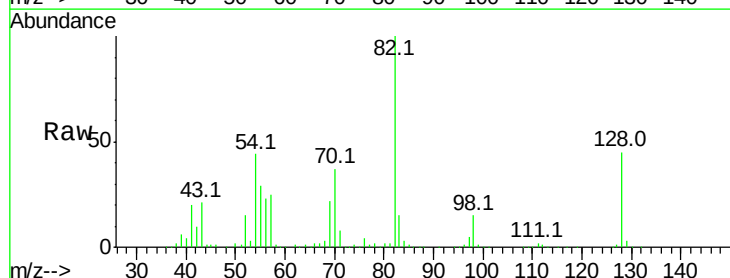
Tgt Ion: 82 Resp: 483687

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

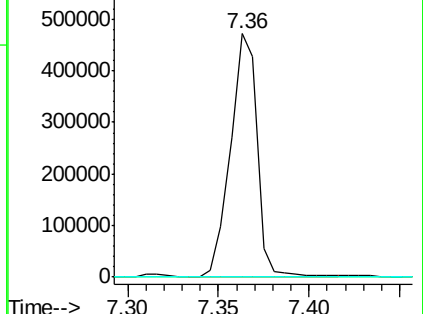
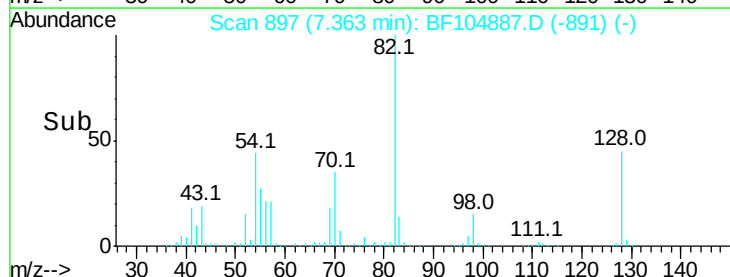
138 0.0 14.9 22.3#

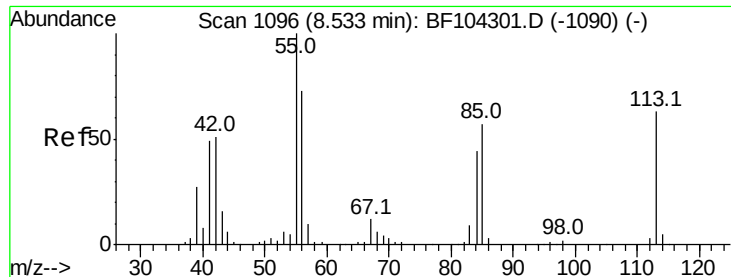


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#35

Caprolactam

Concen: 15.879 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

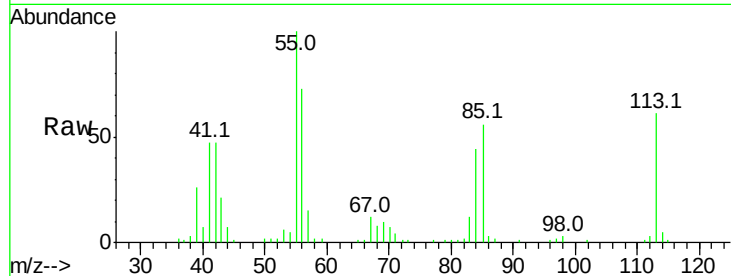
Tot Ion:113 Resp: 32951

Ion Ratio Lower Upper

113 100

55 162.8 163.3 203.3#

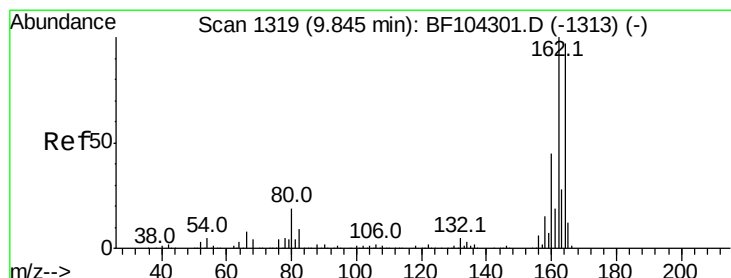
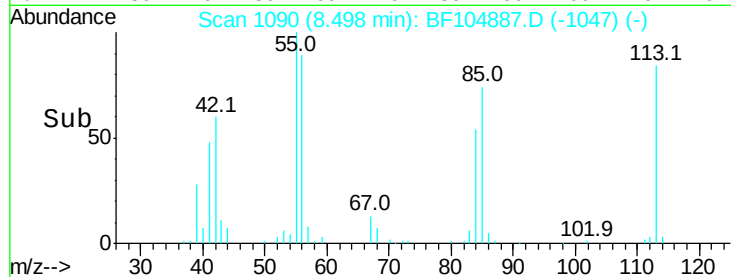
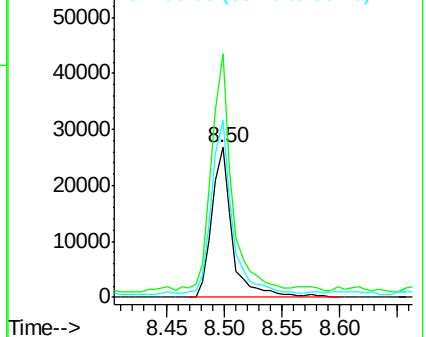
56 118.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

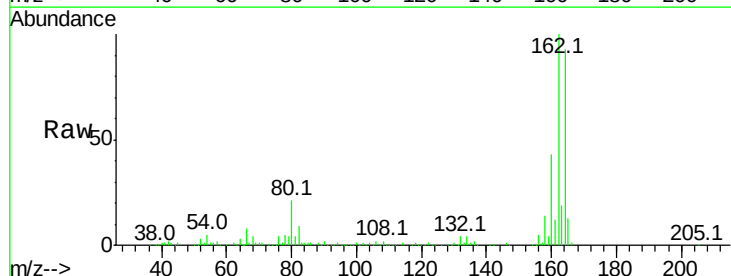
Tgt Ion:164 Resp: 189741

Ion Ratio Lower Upper

164 100

162 107.4 86.1 129.1

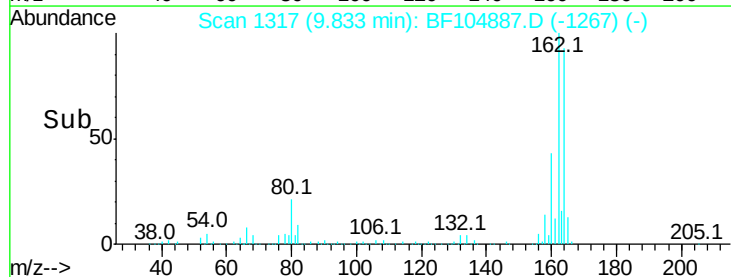
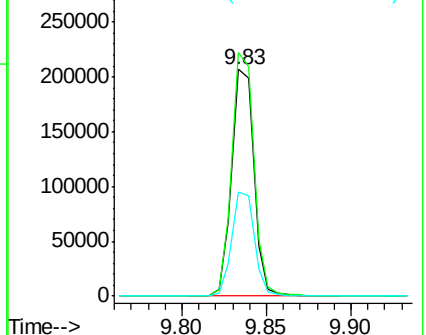
160 45.7 38.3 57.5

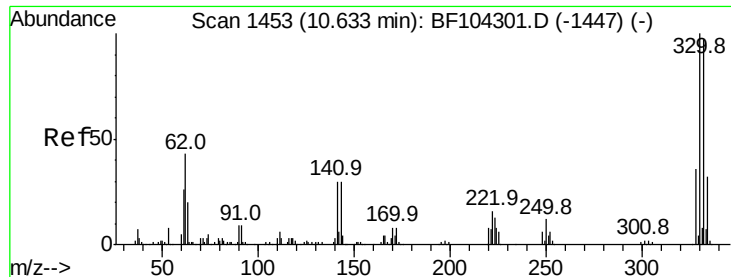


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

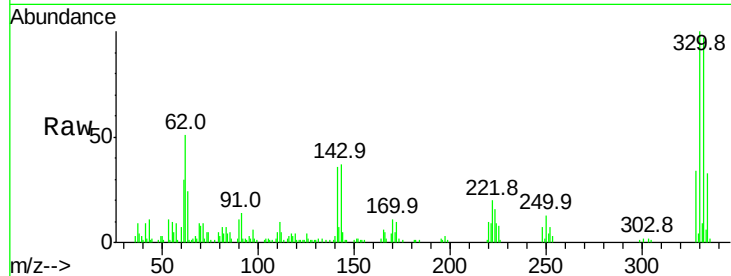
Ion 160.00 (159.70 to 160.70): E



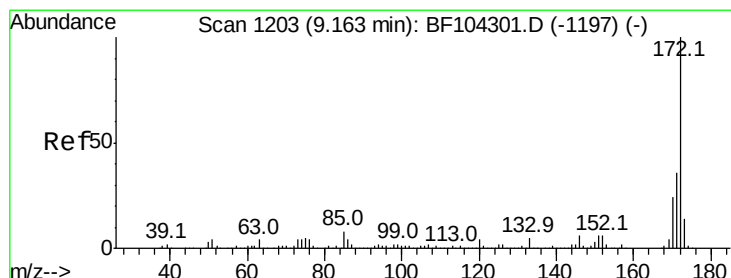
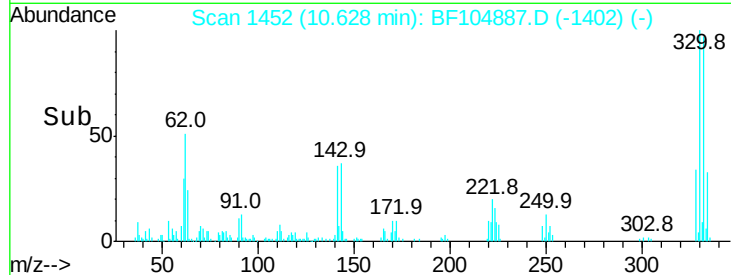
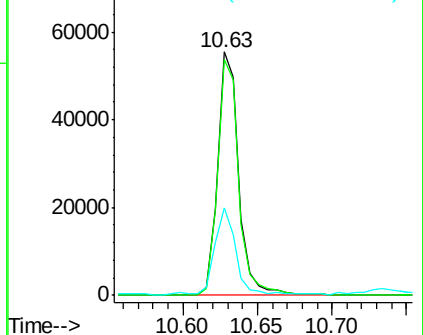


#41
 2,4,6-Tribromophenol
 Concen: 27.949 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	37.8	29.9	44.9

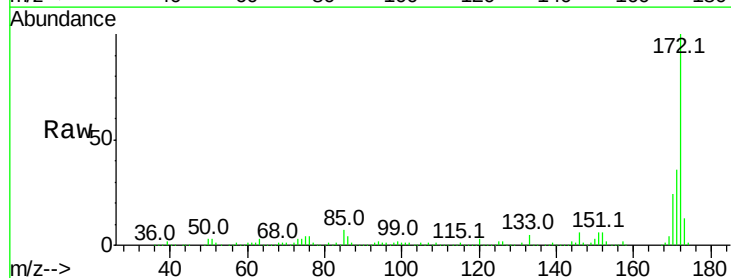


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

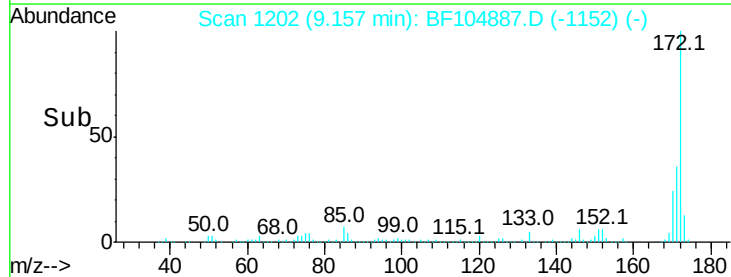
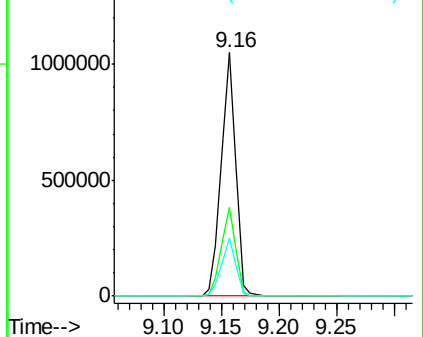


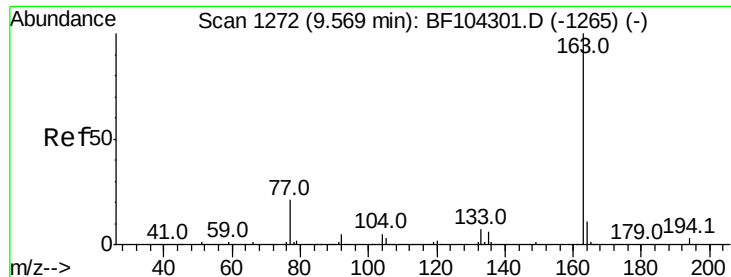
#44
 2-Fluorobiphenyl
 Concen: 77.299 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4



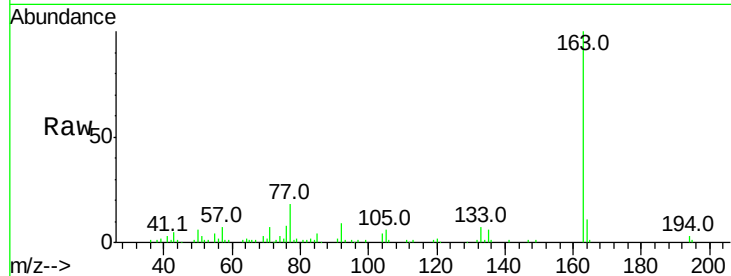
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



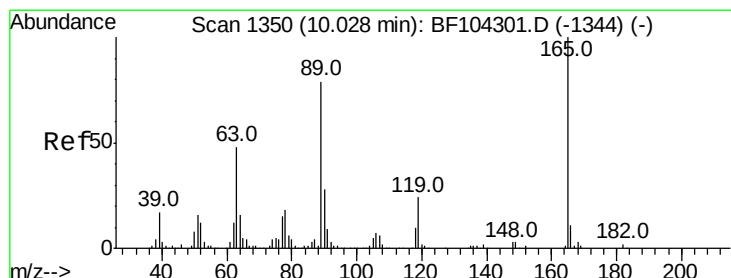
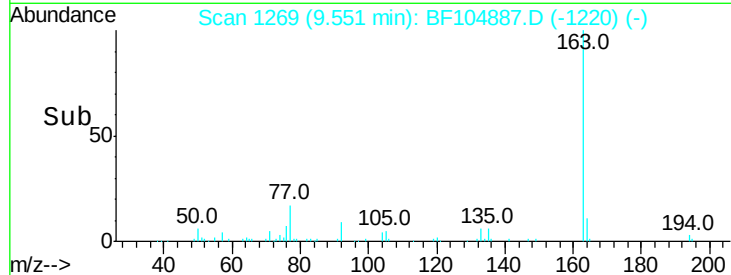
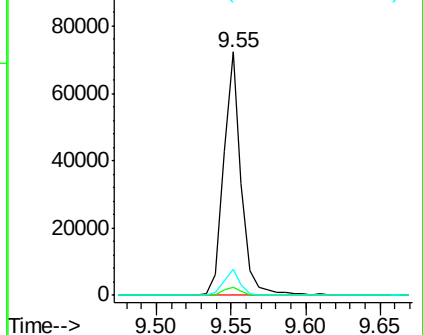


#49
Dimethylphthalate
Concen: 3.995 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tot Ion:163 Resp: 59781
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.9 8.2 12.2

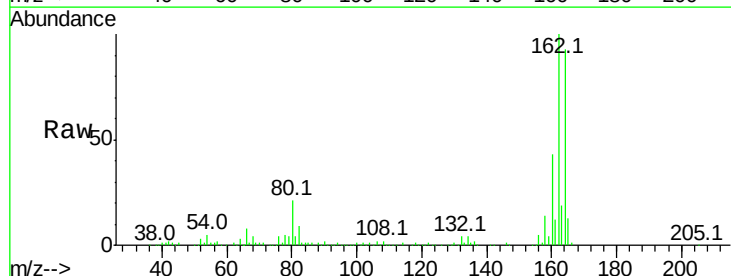


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

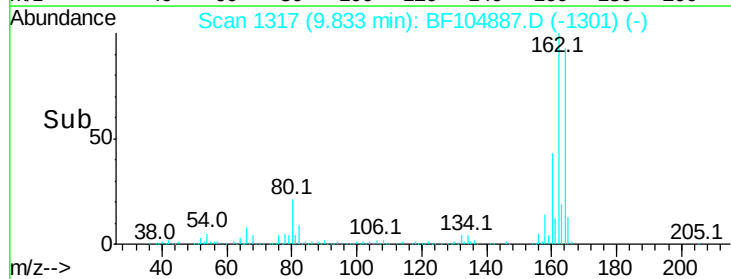
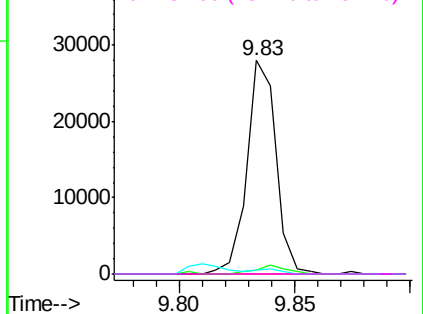


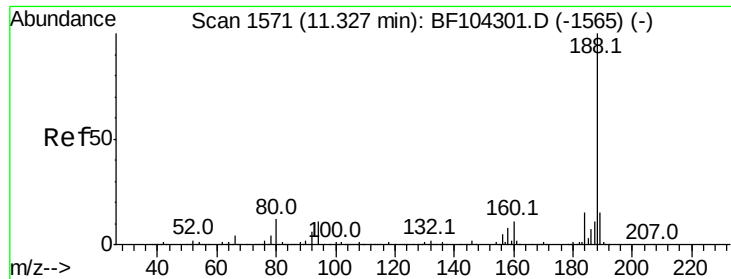
#56
2,4-Dinitrotoluene
Concen: 6.804 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tgt Ion:165 Resp: 24709
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#



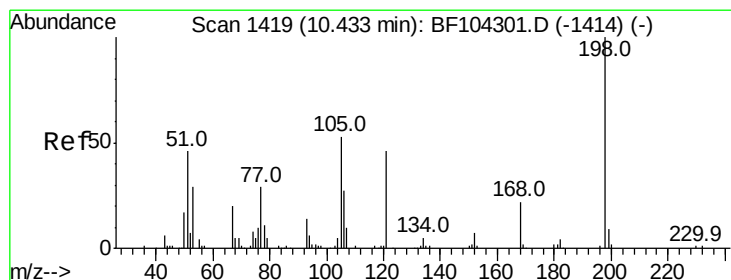
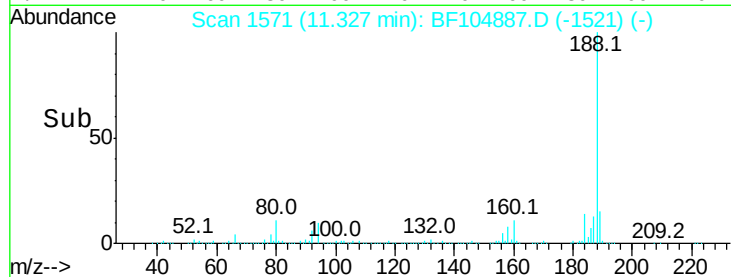
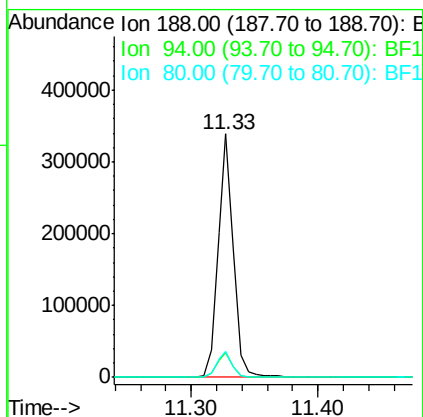
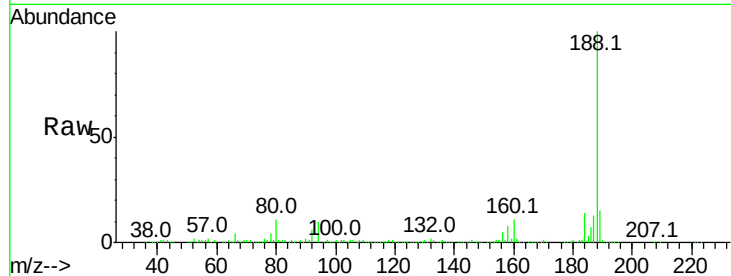
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





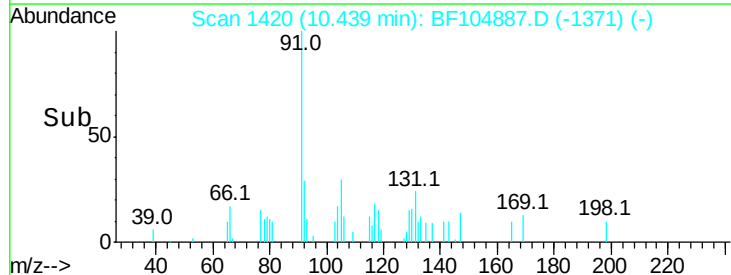
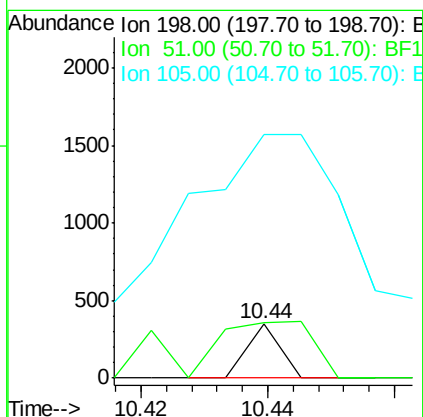
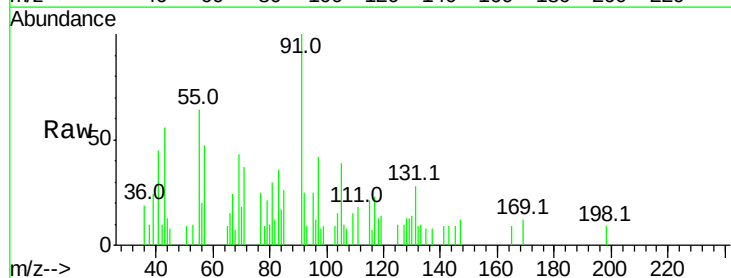
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

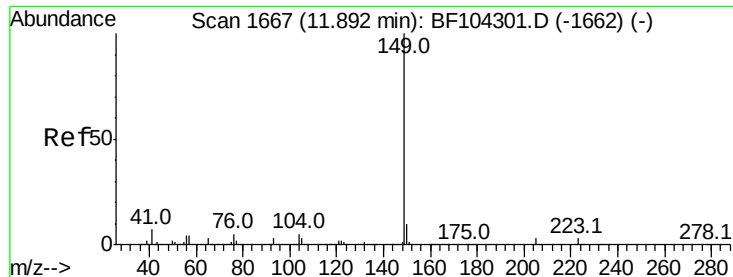
Tot Ion:188 Resp: 287879
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.423 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 101.1 37.7 77.7#
 105 444.8 36.3 76.3#





#73

Di-n-butylphthalate

Concen: 18.416 ng

RT: 11.89 min Scan# 1666

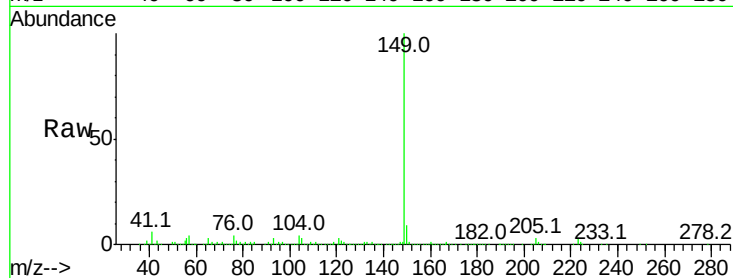
Delta R.T. 0.00 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

Tot Ion:149 Resp: 358245

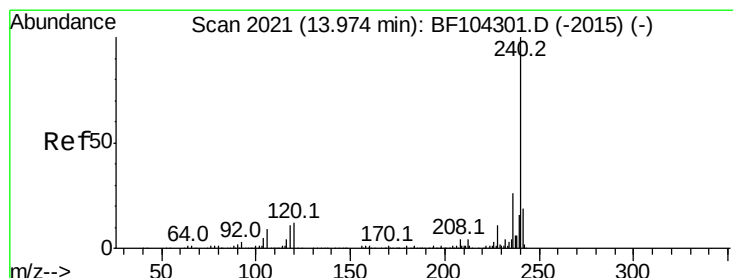
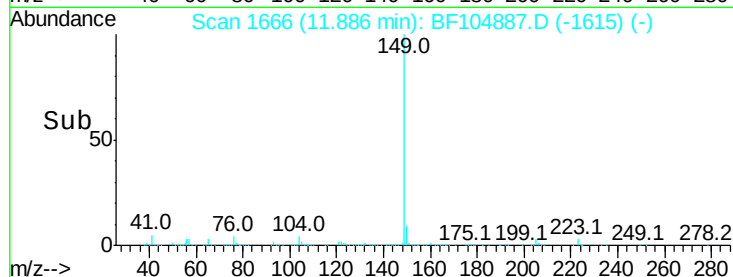
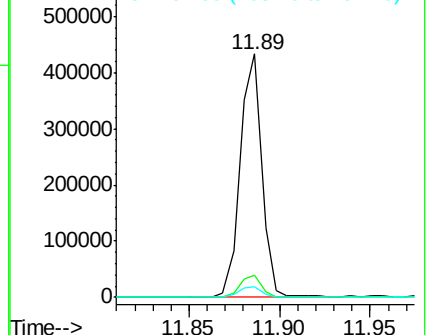
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.3	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

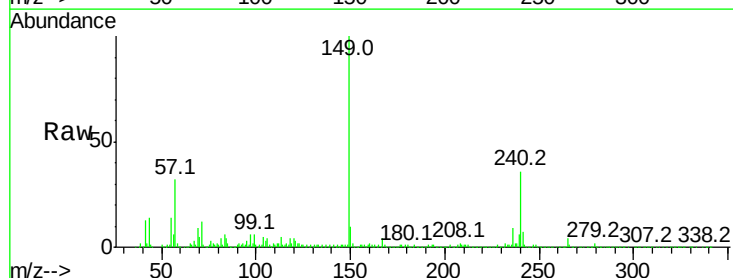
Delta R.T. 0.02 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

Tgt Ion:240 Resp: 206442

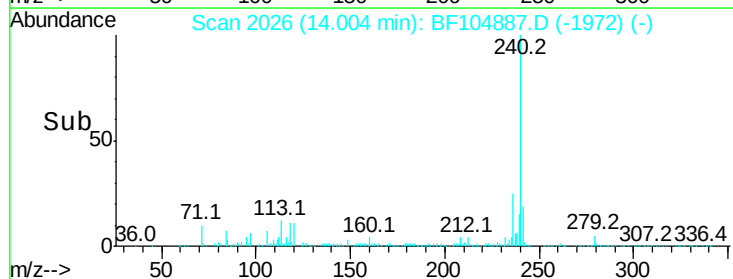
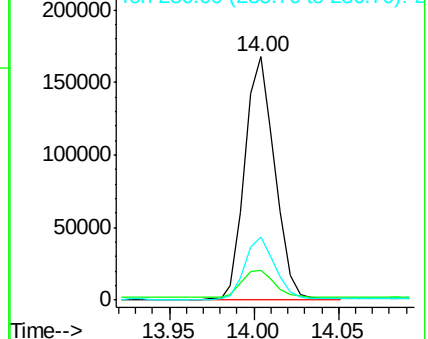
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.7	20.7	31.1

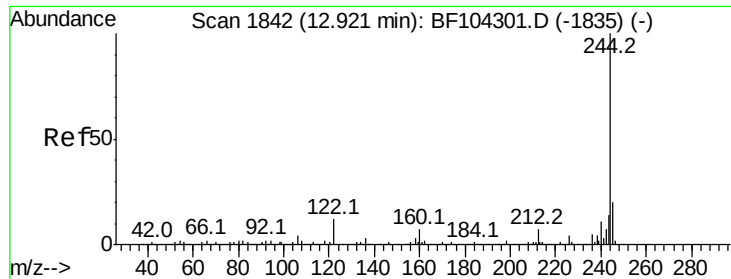


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.807 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

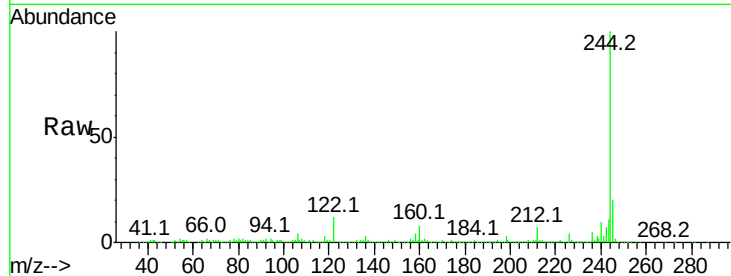
Tot Ion:244 Resp: 686440

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

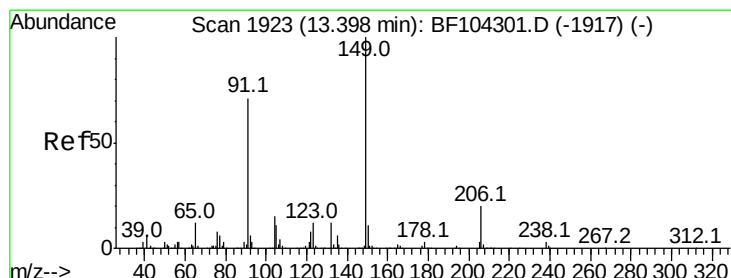
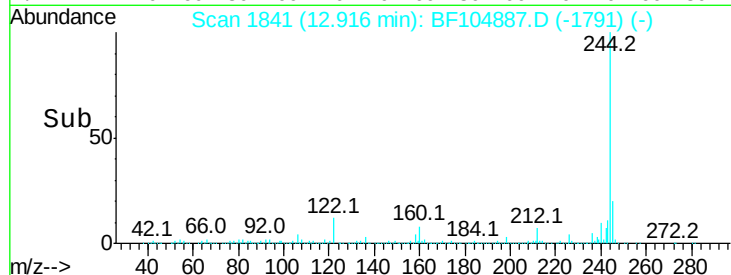
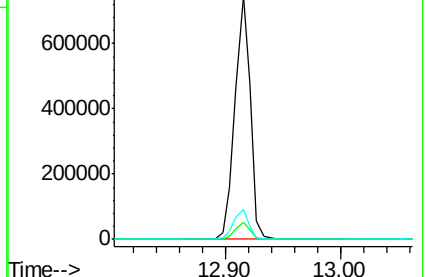
122 12.2 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 185.911 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF104887.D

Acq: 27 Apr 2018 17:57

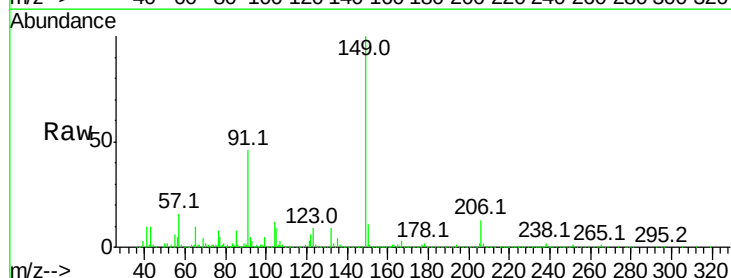
Tgt Ion:149 Resp: 1340248

Ion Ratio Lower Upper

149 100

91 46.5 56.8 85.2#

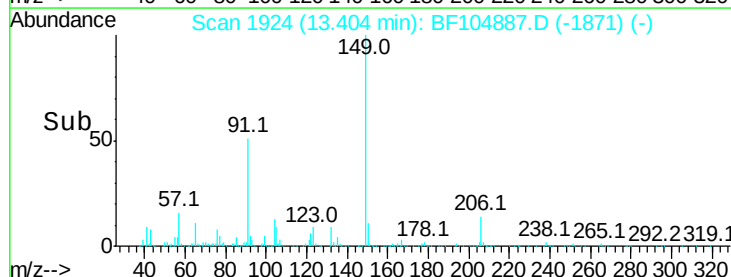
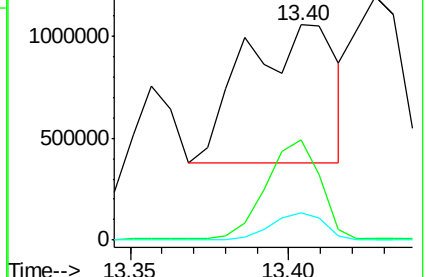
206 12.6 14.1 21.1#

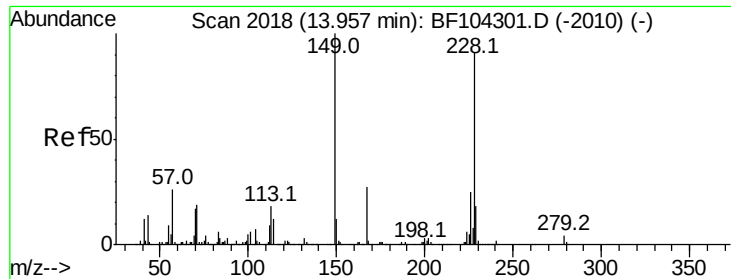


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

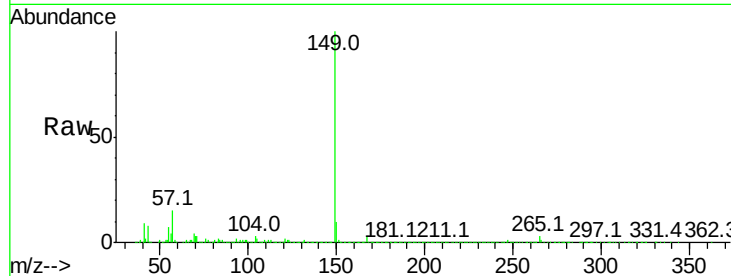




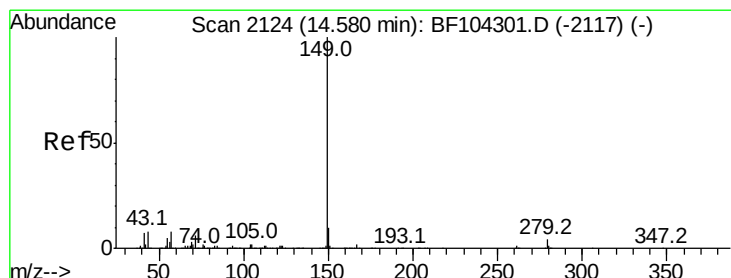
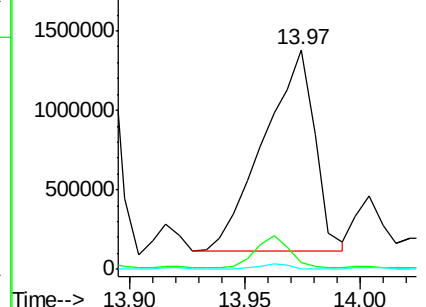
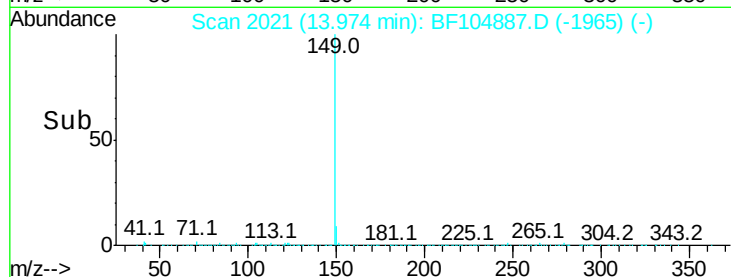
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 209.528 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.03 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

Tot Ion:149 Resp: 1942889

Ion	Ratio	Lower	Upper
149	100		
167	3.1	21.3	31.9#
279	0.4	3.0	4.4#



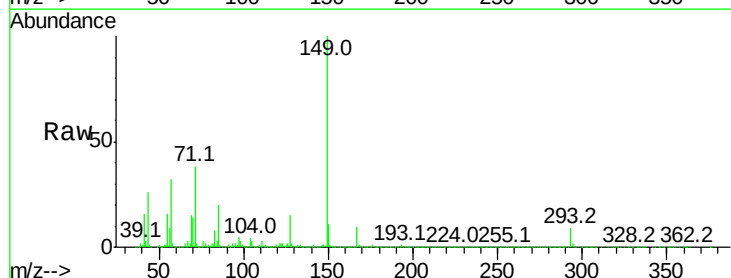
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



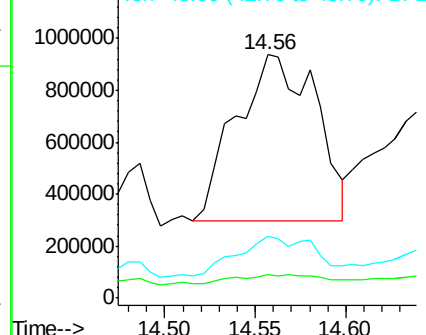
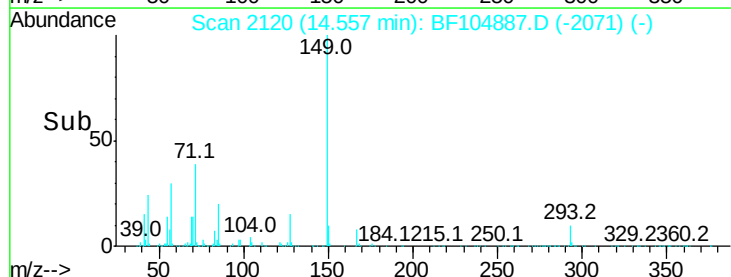
#84
 Di-n-octyl phthalate
 Concen: 126.820 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BF104887.D
 Acq: 27 Apr 2018 17:57

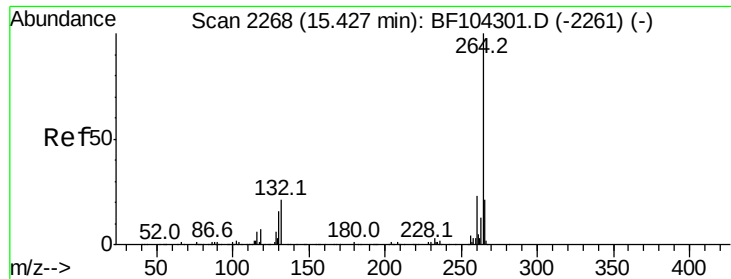
Tgt Ion:149 Resp: 1964926

Ion	Ratio	Lower	Upper
149	100		
167	6.1	1.2	1.8#
43	23.0	8.4	12.6#



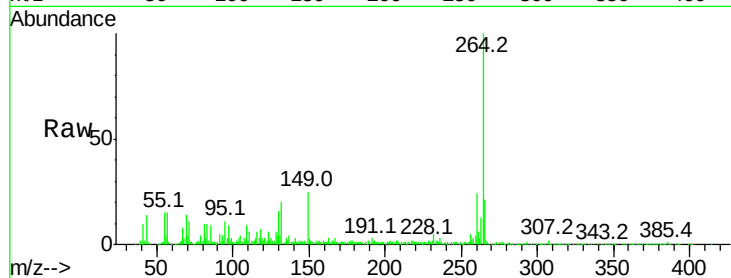
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.03 min
Lab File: BF104887.D
Acq: 27 Apr 2018 17:57

Tot Ion:264	Resp:	219791
Ion Ratio	Lower	Upper
264	100	
260	23.8	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

