

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111865.D
 Acq On : 5 Jan 2019 00:35
 Operator : JU/SJ
 Sample : K1036-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

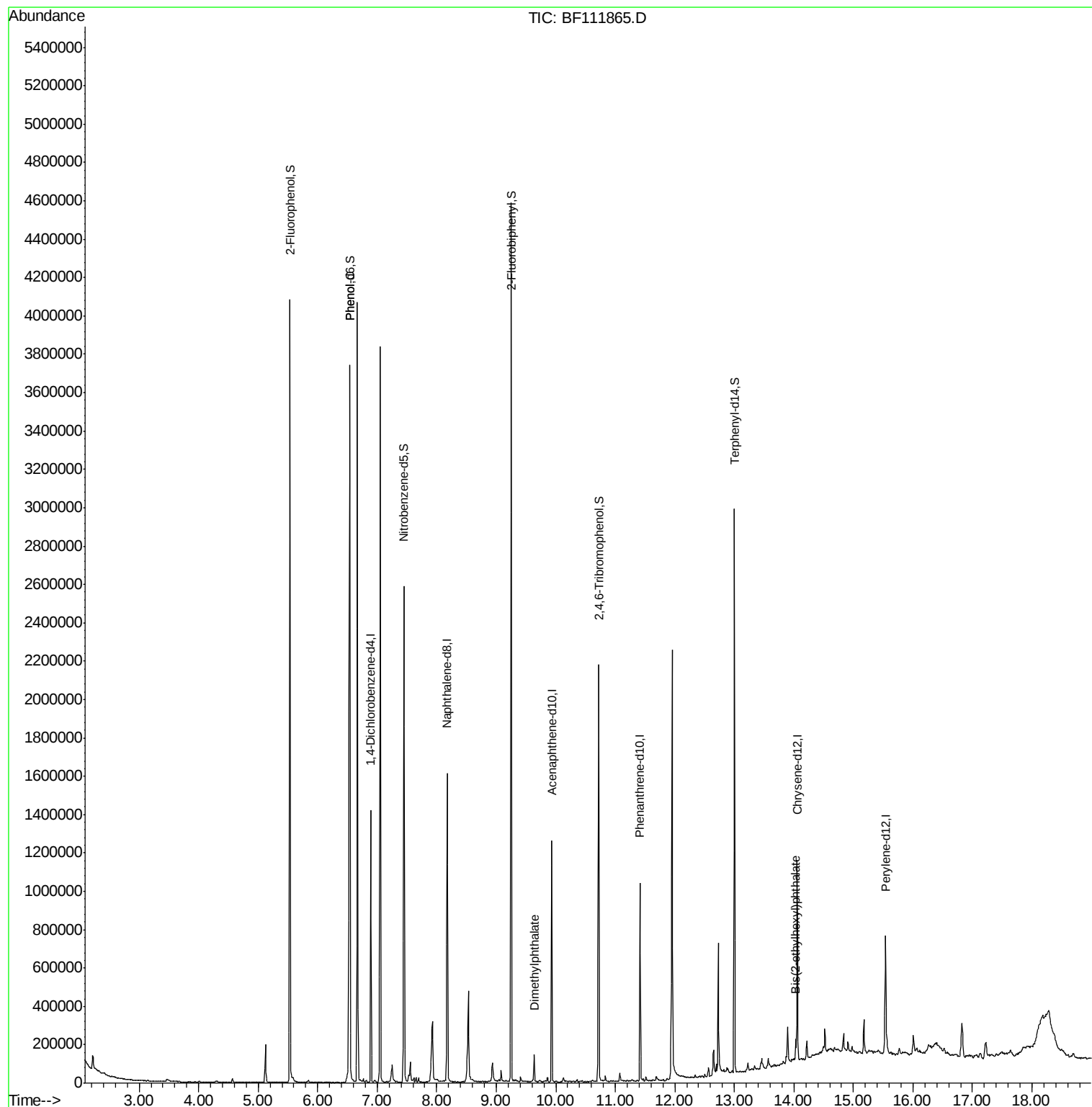
Quant Time: Jan 05 02:57:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	191320	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	676531	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	248422	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	357944	20.00	ng	0.00
76) Chrysene-d12	14.06	240	346852	20.00	ng	0.00
87) Perylene-d12	15.54	264	280080	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1045216	93.12	ng	0.02
7) Phenol-d6	6.54	99	1217293	85.22	ng	0.02
23) Nitrobenzene-d5	7.45	82	846858	72.86	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	262597	89.46	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1310529	76.89	ng	0.00
79) Terphenyl-d14	13.00	244	1013694	55.42	ng	0.00
Target Compounds						
10) Phenol	6.55	94	56747	3.521	ng	80
50) Dimethylphthalate	9.64	163	52615	2.896	ng	95
84) Bis(2-ethylhexyl)phthalate	14.03	149	30054	2.390	ng	# 99

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

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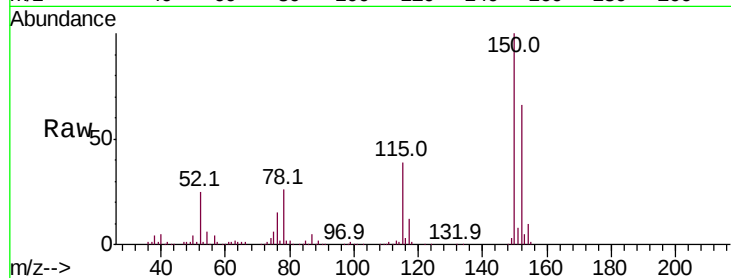




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111865.D
Acq: 5 Jan 2019 00:35

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	58.5	50.7	76.1

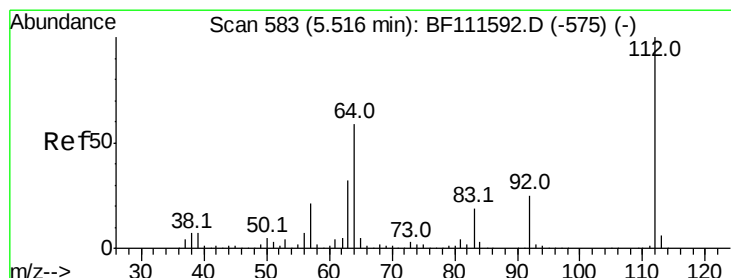
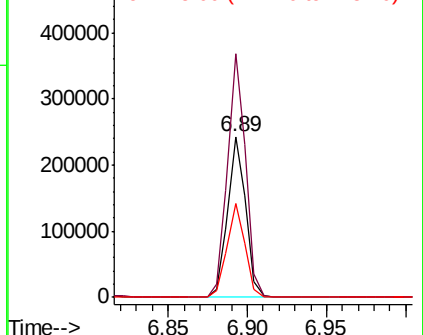
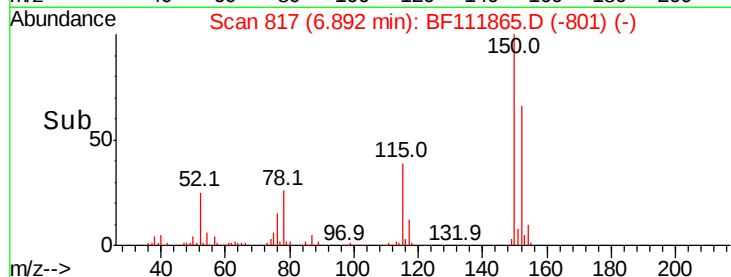


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

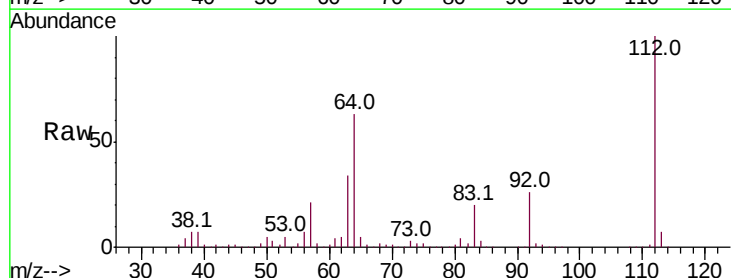
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.122 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111865.D
Acq: 5 Jan 2019 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	33.7	26.8	40.2

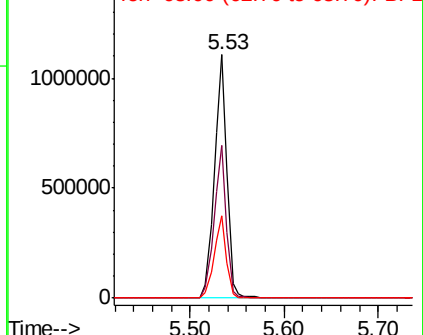
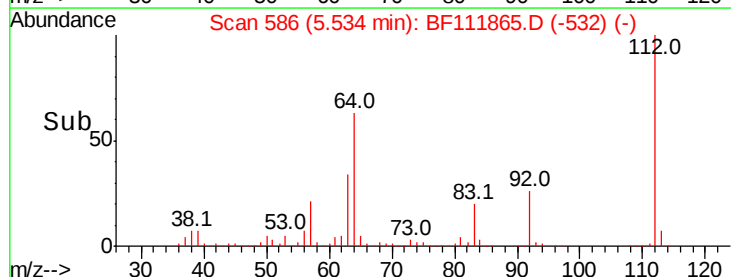


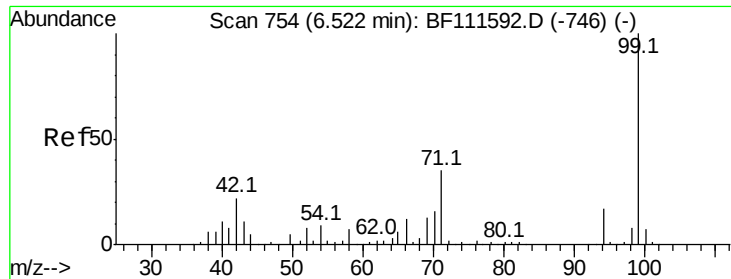
Abundance

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: 85.218 ng

RT: 6.54 min Scan# 757

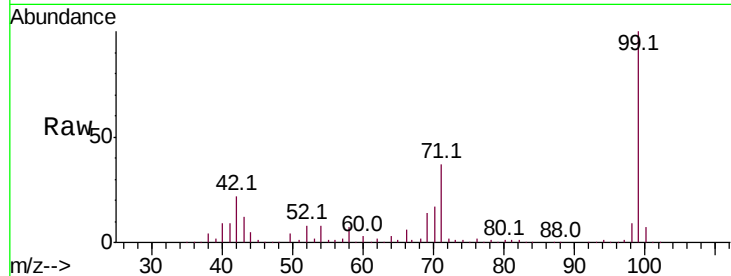
Delta R.T. 0.02 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

Tot Ion: 99 Resp: 1217293

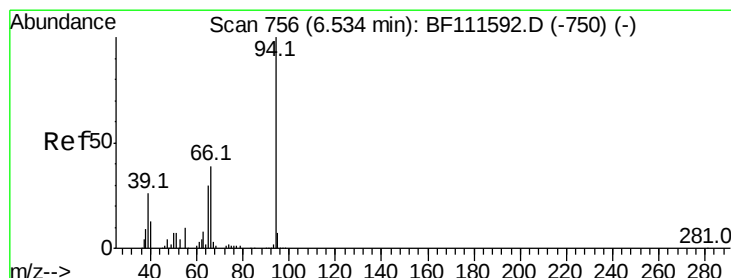
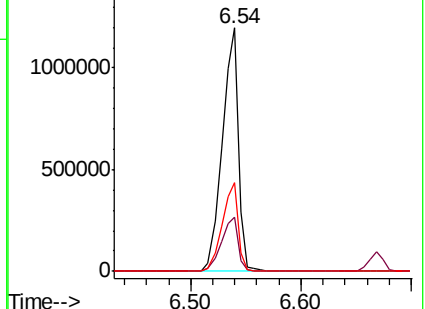
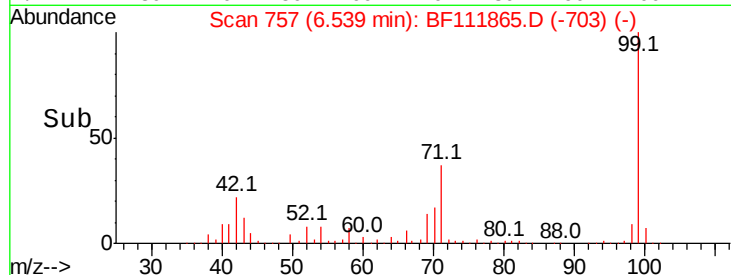
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.0
71	36.7	26.1	39.1



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: 3.521 ng

RT: 6.55 min Scan# 758

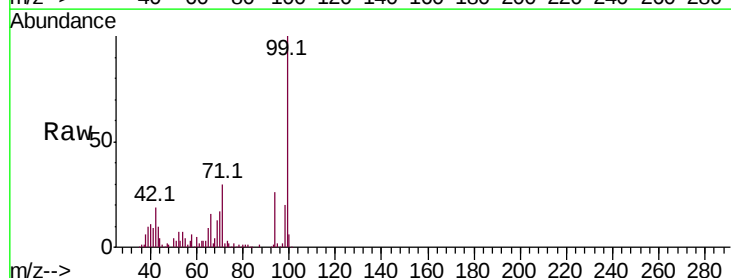
Delta R.T. 0.01 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

Tgt Ion: 94 Resp: 56747

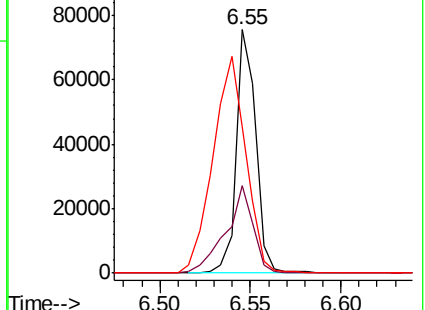
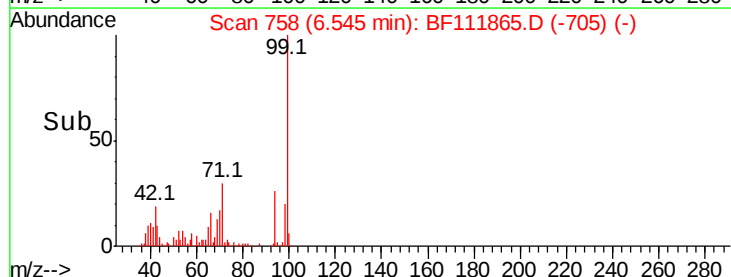
Ion	Ratio	Lower	Upper
94	100		
65	35.9	11.7	51.7
66	60.1	21.0	61.0

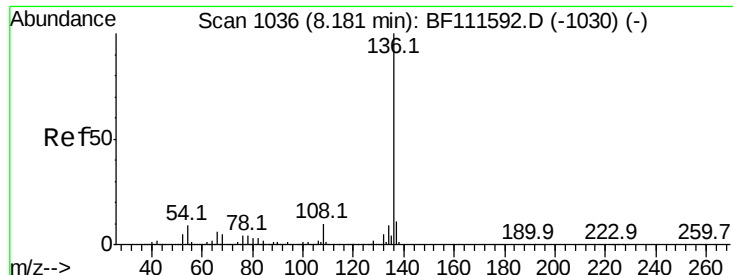


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

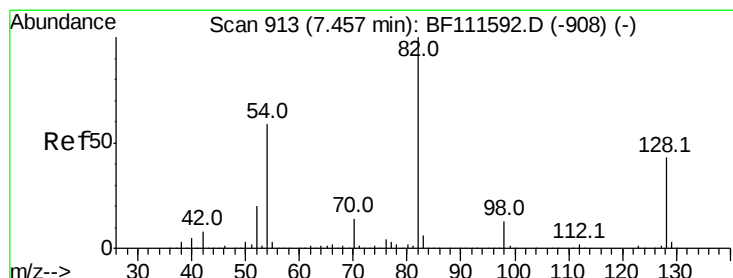
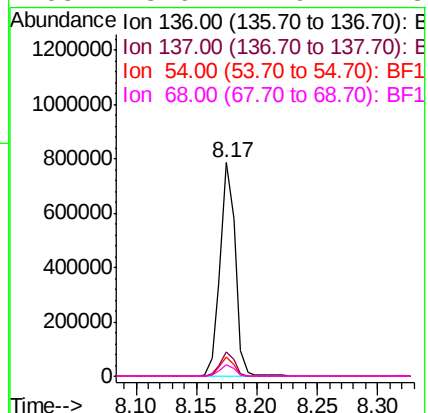
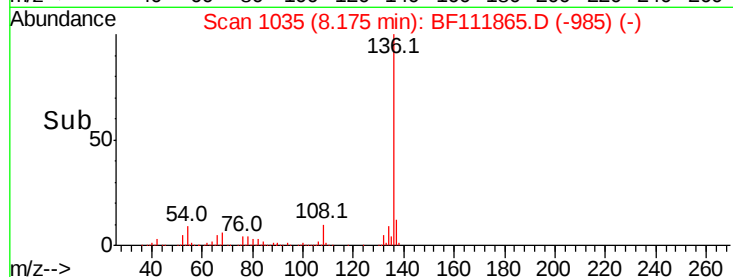
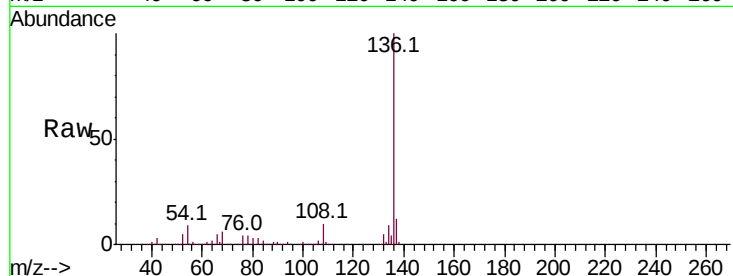
Ion 66.00 (65.70 to 66.70): BF1





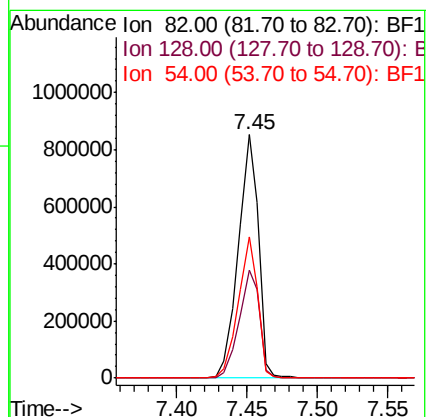
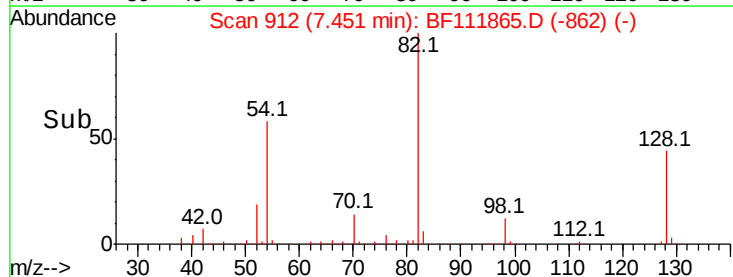
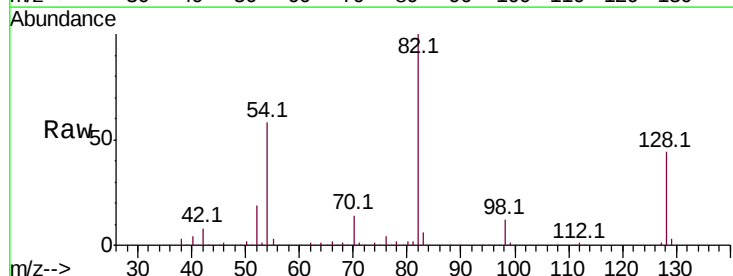
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111865.D
Acq: 5 Jan 2019 00:35

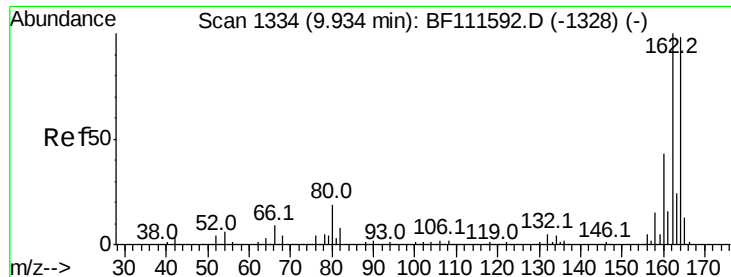
Tot Ion:136	Resp:	676531	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.1	13.7	
54 9.1	7.7	11.5	
68 5.6	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 72.862 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111865.D
Acq: 5 Jan 2019 00:35

Tgt Ion: 82	Resp: 846858
Ion Ratio	Lower Upper
82 100	
128 44.5	37.4 56.2
54 57.8	47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

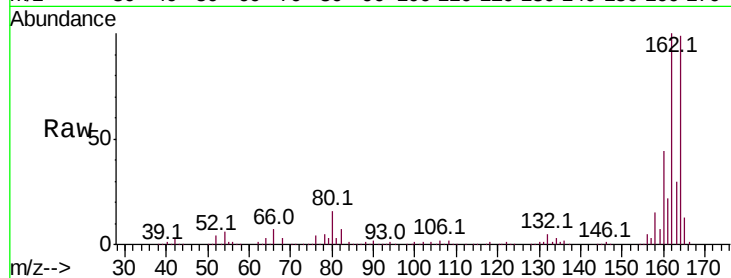
Tot Ion:164 Resp: 248422

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

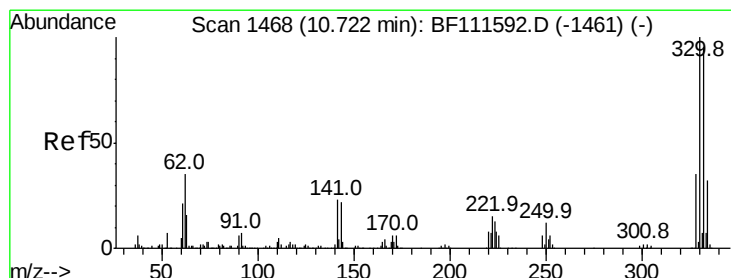
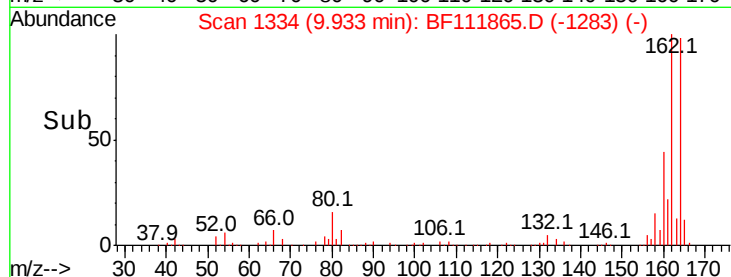
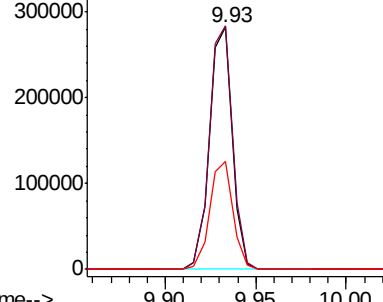
160 44.6 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 89.462 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

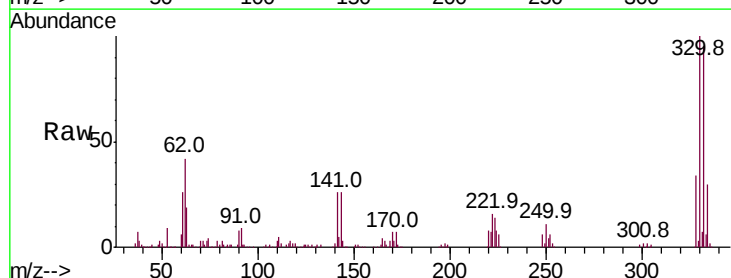
Tgt Ion:330 Resp: 262597

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

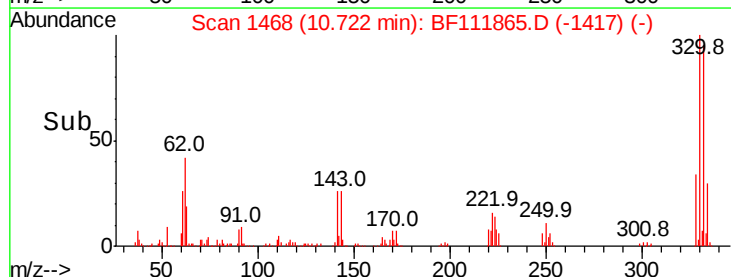
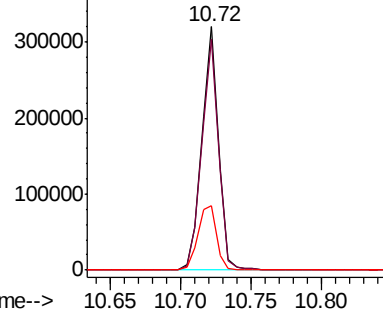
141 29.6 31.0 46.6#

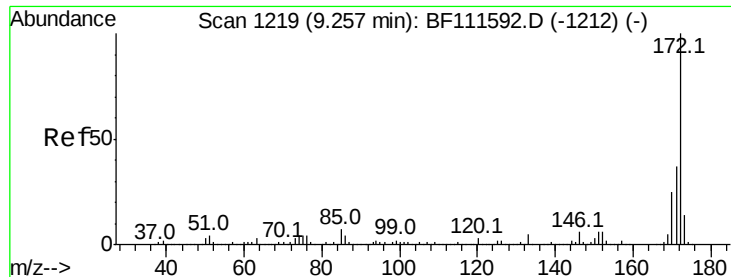


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

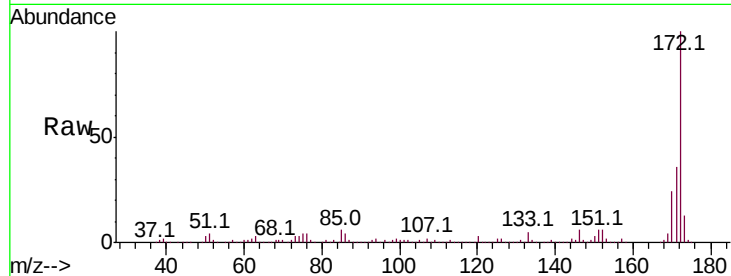




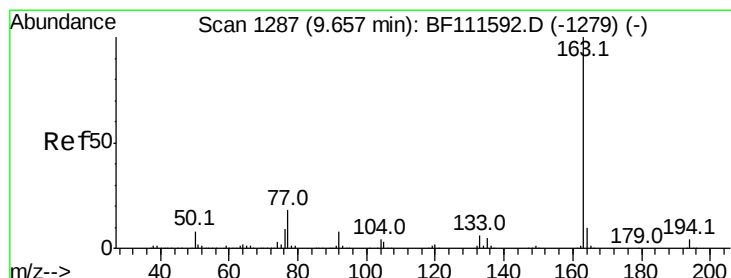
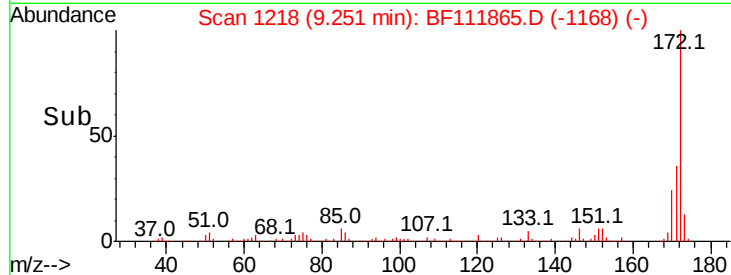
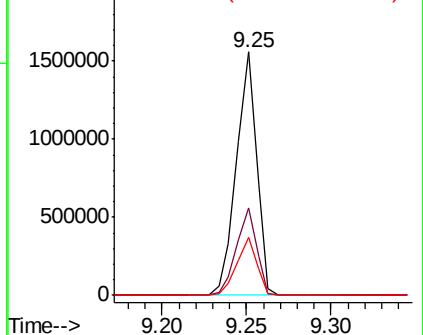
#45
 2-Fluorobiphenyl
 Concen: 76.893 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111865.D
 Acq: 5 Jan 2019 00:35

Tot Ion:172 Resp: 1310529

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.6	22.3	33.5



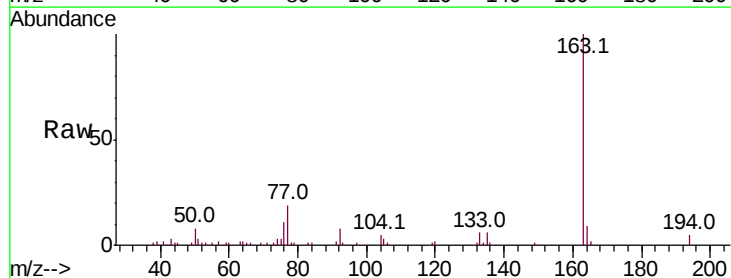
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



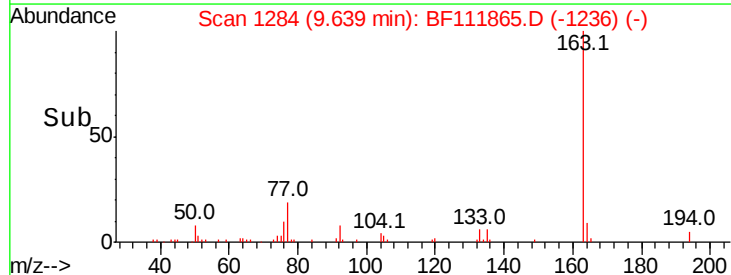
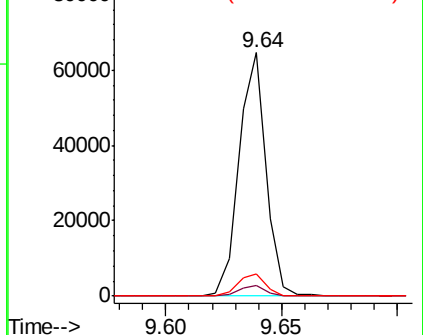
#50
 Dimethylphthalate
 Concen: 2.896 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111865.D
 Acq: 5 Jan 2019 00:35

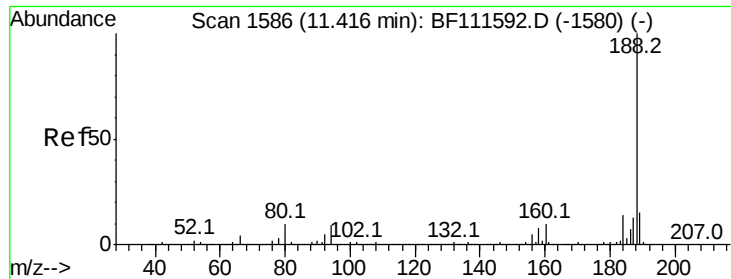
Tgt Ion:163 Resp: 52615

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.0	8.9	13.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

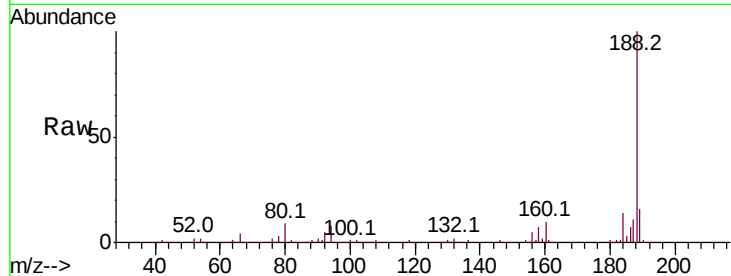
Tot Ion:188 Resp: 357944

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

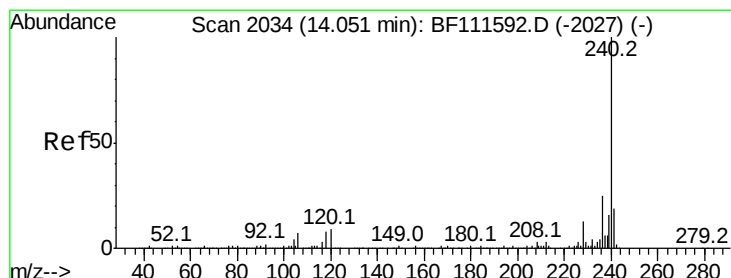
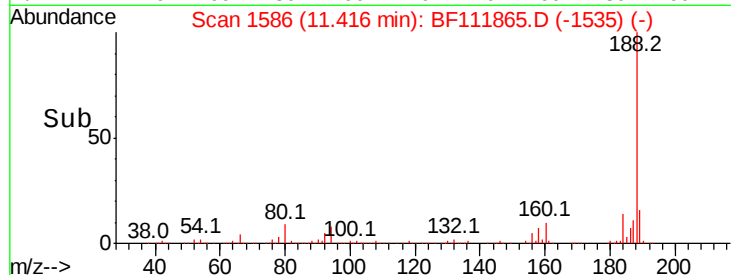
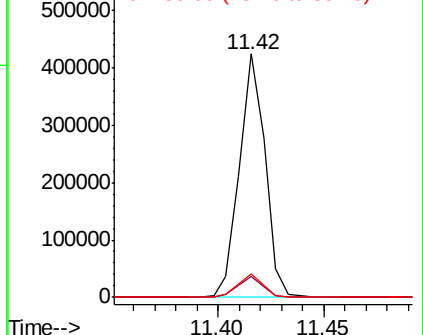
80 9.4 9.8 14.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111865.D

Acq: 5 Jan 2019 00:35

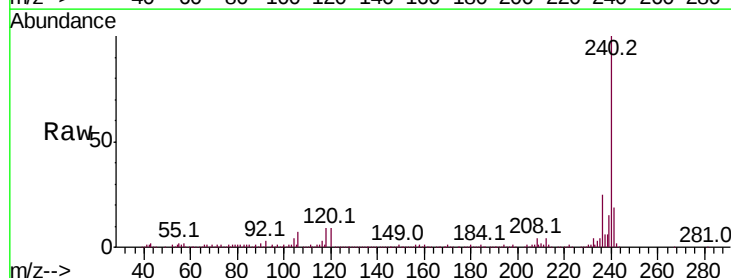
Tgt Ion:240 Resp: 346852

Ion Ratio Lower Upper

240 100

120 9.4 12.2 18.2#

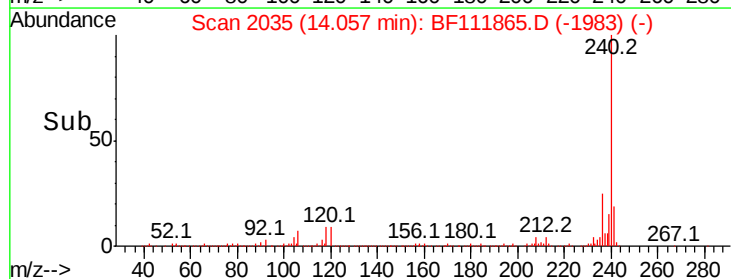
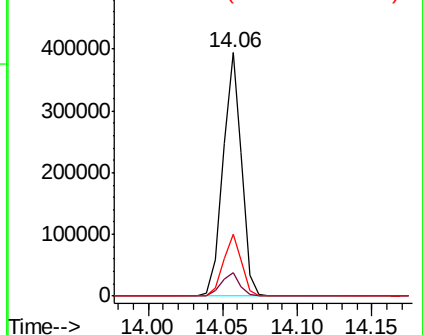
236 25.3 20.2 30.2

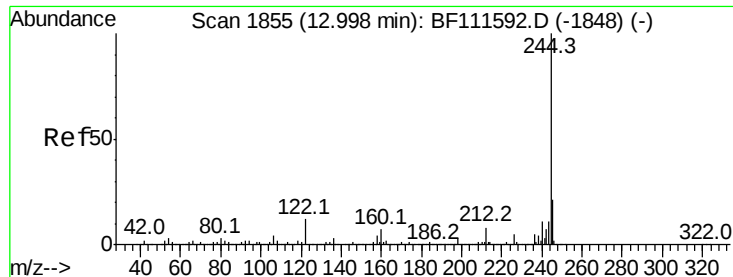


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 55.424 ng

RT: 13.00 min Scan# 1856

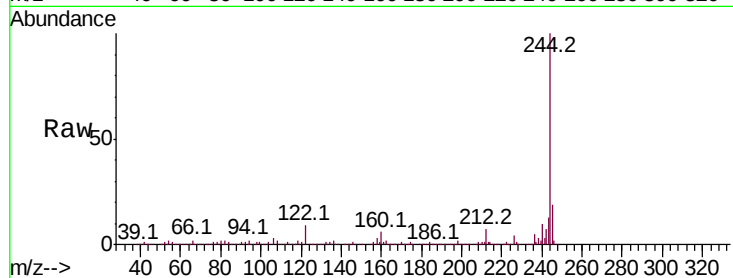
Delta R.T. 0.01 min

Lab File: BF111865.D

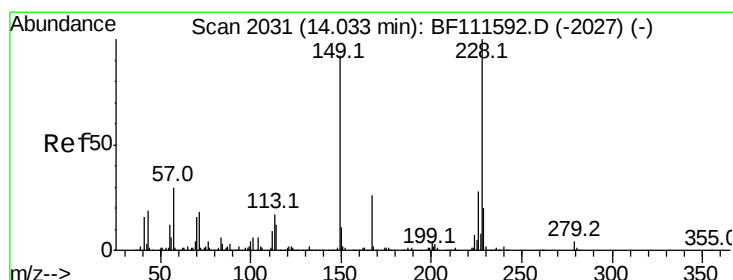
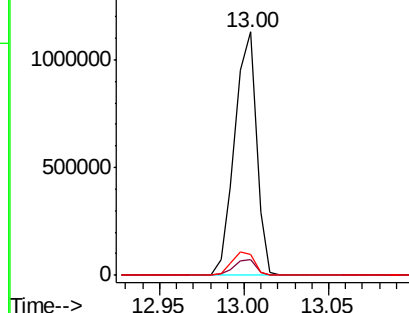
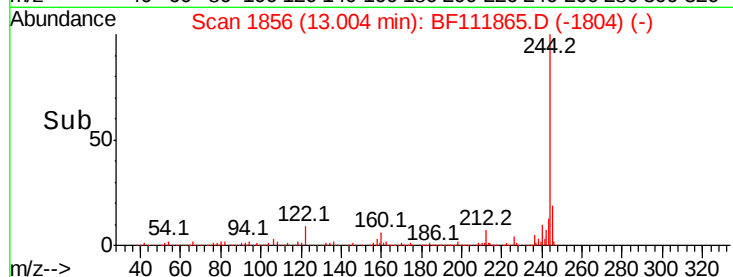
Acq: 5 Jan 2019 00:35

Tot Ion:244 Resp: 1013694

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	8.8	13.1	19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.390 ng

RT: 14.03 min Scan# 2031

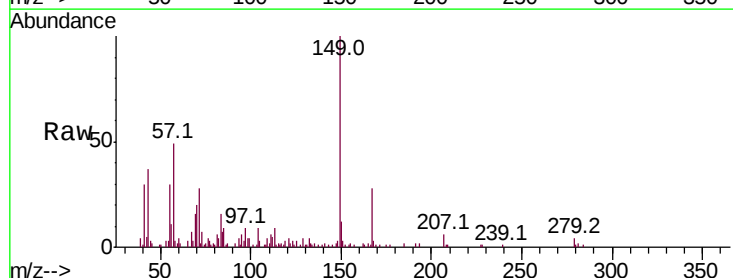
Delta R.T. -0.00 min

Lab File: BF111865.D

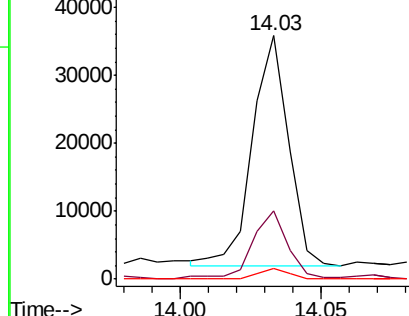
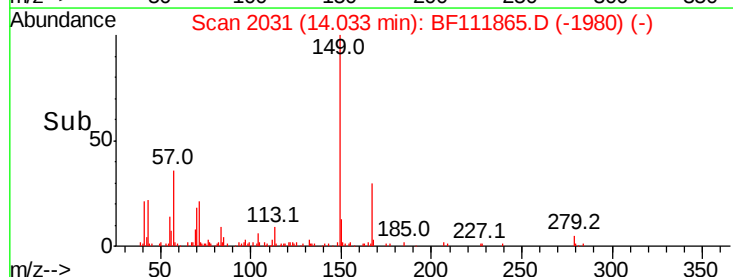
Acq: 5 Jan 2019 00:35

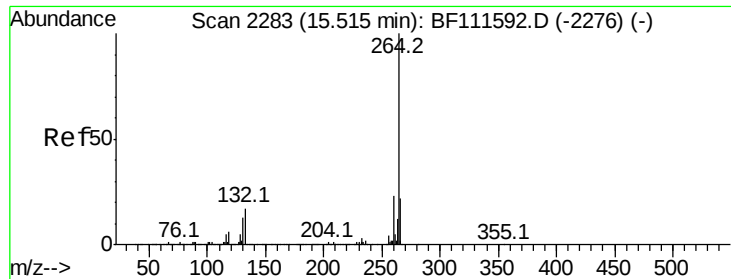
Tgt Ion:149 Resp: 30054

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.4	2.6	4.0#



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111865.D
Acq: 5 Jan 2019 00:35

Tot Ion:	264	Resp:	280080
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.1	17.7	26.5

