

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111855.D
 Acq On : 4 Jan 2019 20:03
 Operator : JU/SJ
 Sample : K1041-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

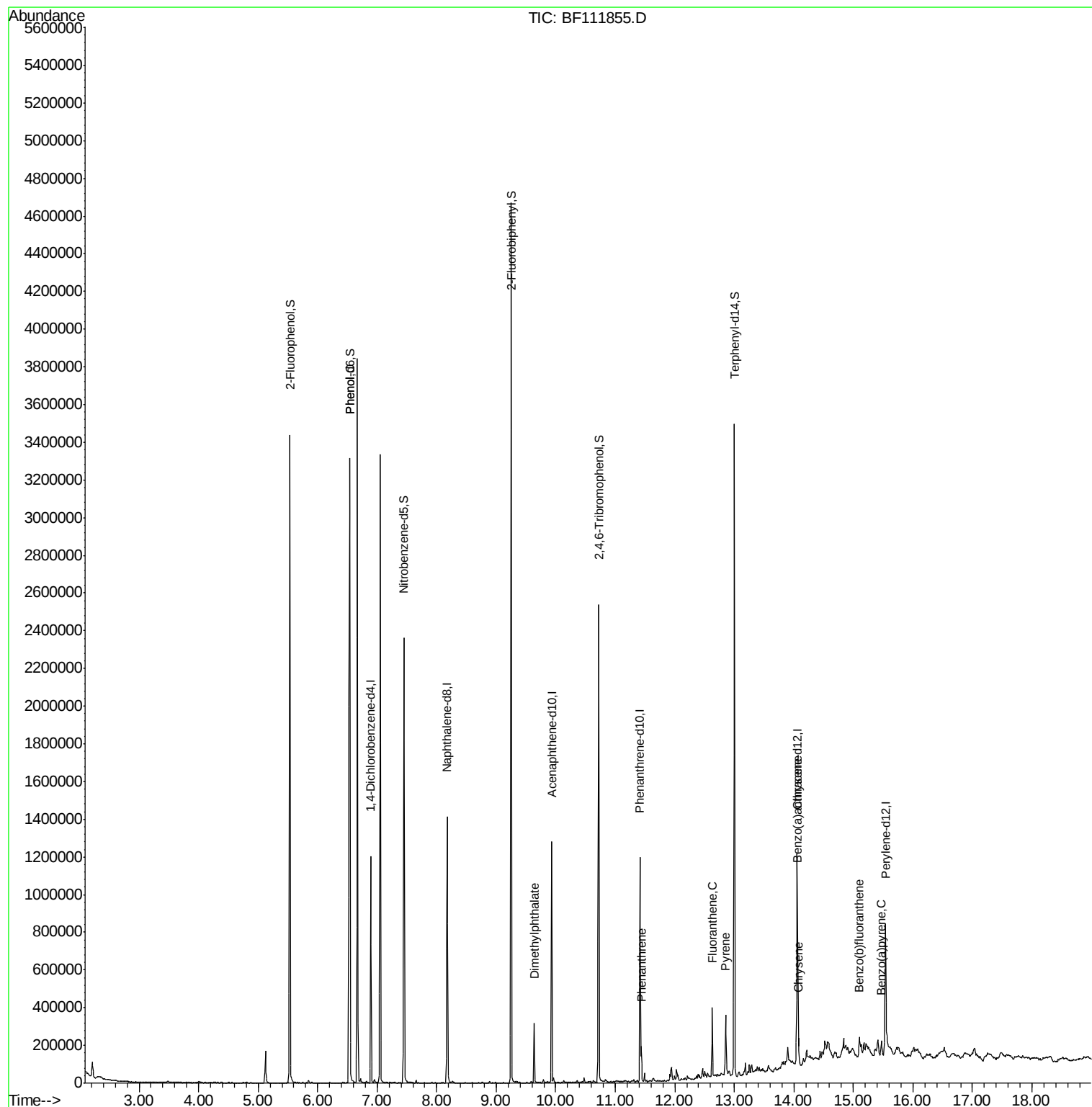
Quant Time: Jan 05 00:15:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

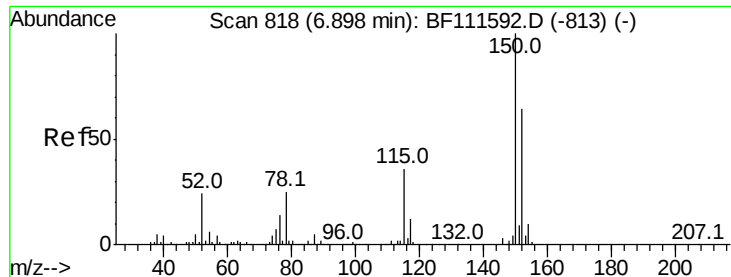
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	159383	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	582188	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	267822	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	403358	20.00	ng	0.00
76) Chrysene-d12	14.06	240	354676	20.00	ng	0.00
87) Perylene-d12	15.54	264	318252	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	926759	99.11	ng	0.02
7) Phenol-d6	6.54	99	1215292	102.13	ng	0.02
23) Nitrobenzene-d5	7.45	82	775069	77.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	309254	97.73	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1386022	75.43	ng	0.00
79) Terphenyl-d14	13.00	244	1238970	66.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.55	94	61586	4.587	ng	86
50) Dimethylphthalate	9.64	163	131003	6.689	ng	98
71) Phenanthrene	11.44	178	63213	2.955	ng	93
75) Fluoranthene	12.63	202	142454	6.576	ng	95
78) Pyrene	12.86	202	126007	5.031	ng	95
81) Benzo(a)anthracene	14.05	228	59558	2.942	ng	98
83) Chrysene	14.08	228	51862	2.607	ng	97
88) Benzo(b)fluoranthene	15.10	252	64721m	3.480	ng	
90) Benzo(a)pyrene	15.47	252	44862	2.655	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111855.D
Acq On : 4 Jan 2019 20:03
Operator : JU/SJ
Sample : K1041-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 05 00:15:27 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

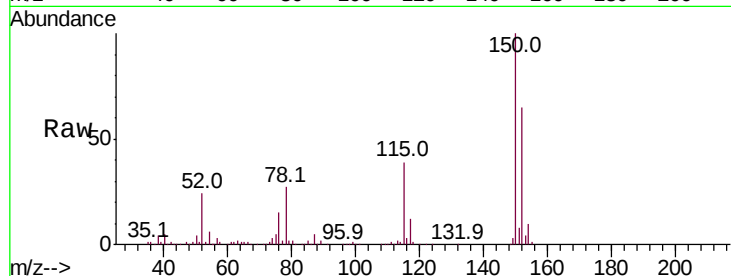




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	59.2	50.7	76.1

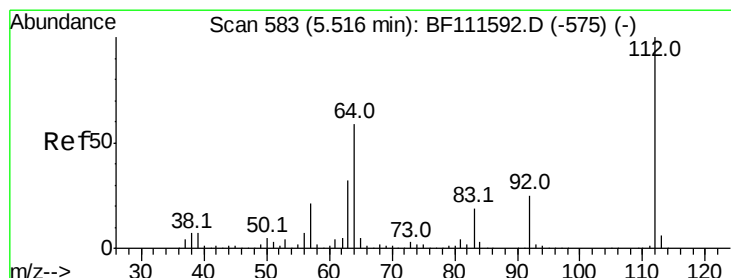
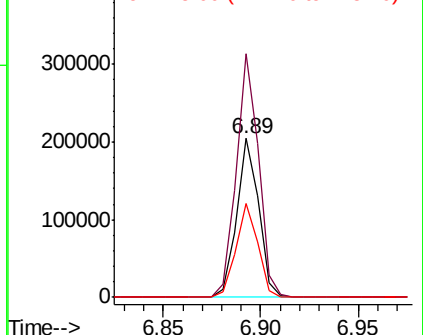
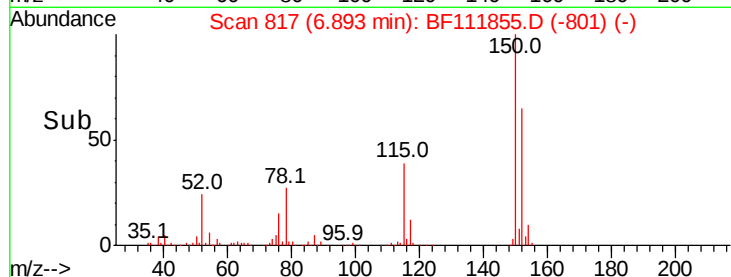


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

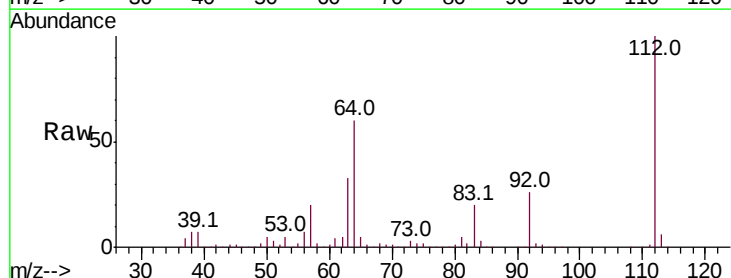
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.113 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	33.1	26.8	40.2

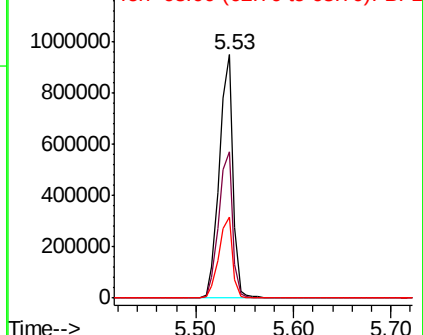
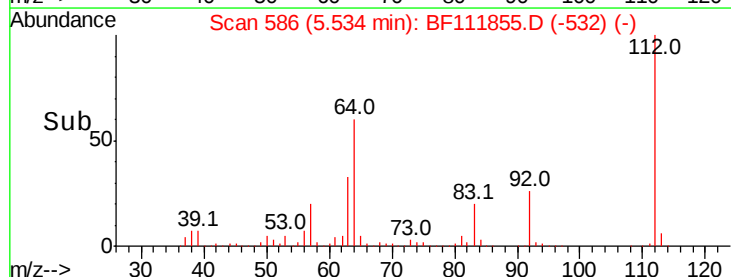


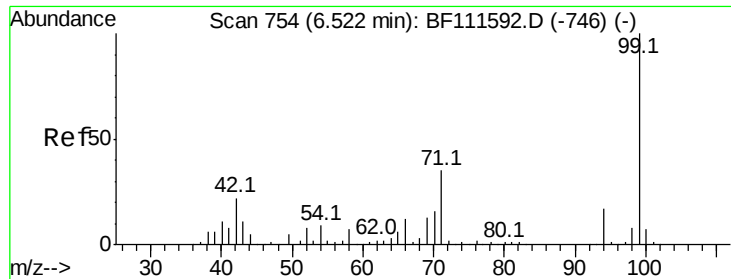
Abundance

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: 102.126 ng

RT: 6.54 min Scan# 757

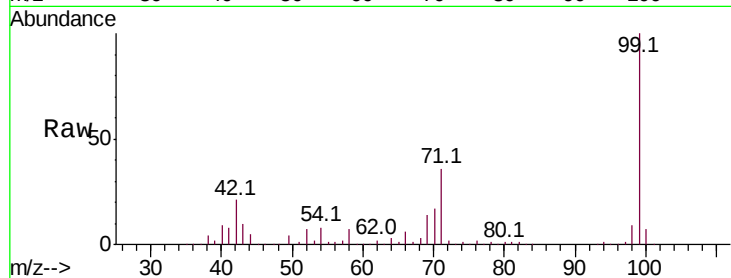
Delta R.T. 0.02 min

Lab File: BF111855.D

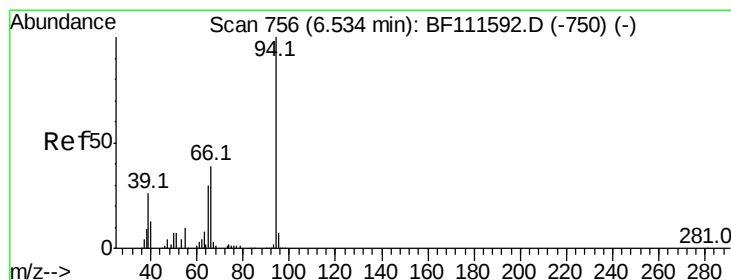
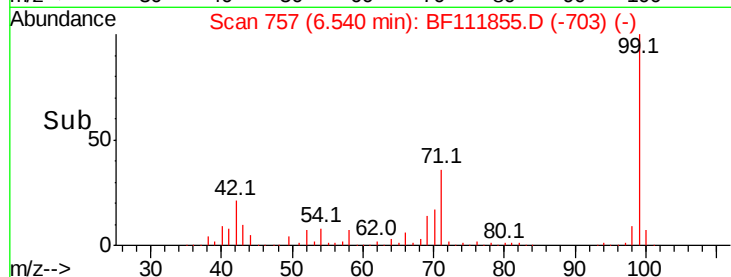
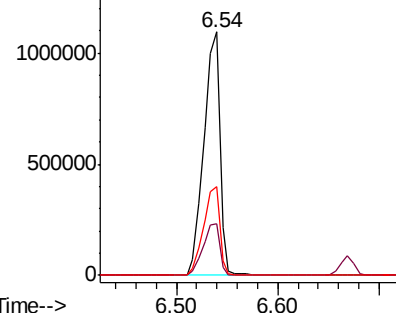
Acq: 4 Jan 2019 20:03

Tot Ion: 99 Resp: 1215292

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.4	26.0
71	36.5	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: 4.587 ng

RT: 6.55 min Scan# 758

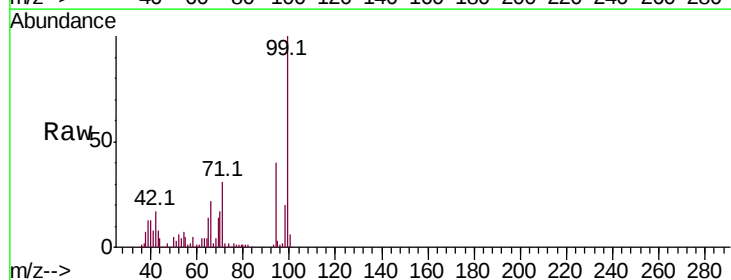
Delta R.T. 0.01 min

Lab File: BF111855.D

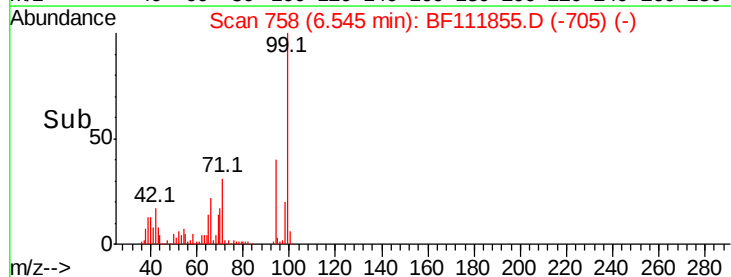
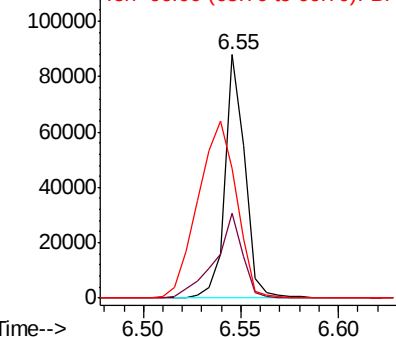
Acq: 4 Jan 2019 20:03

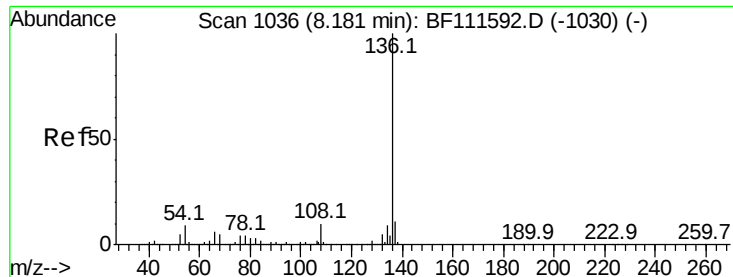
Tgt Ion: 94 Resp: 61586

Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.7	51.7
66	53.4	21.0	61.0



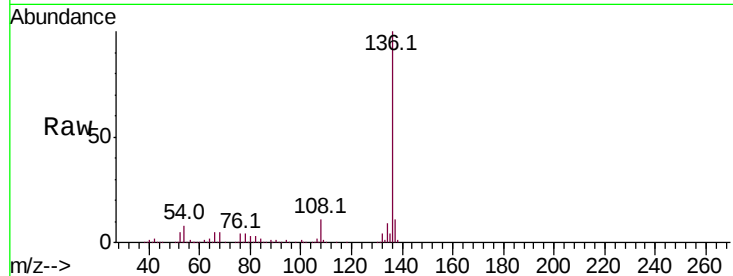
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



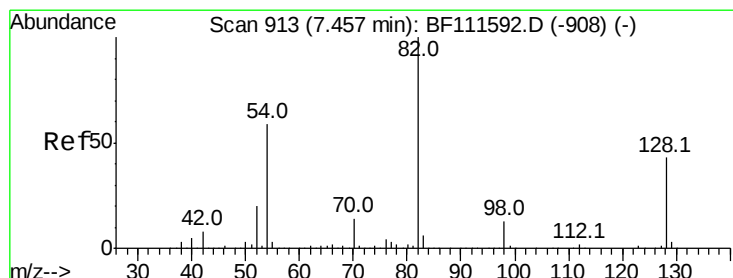
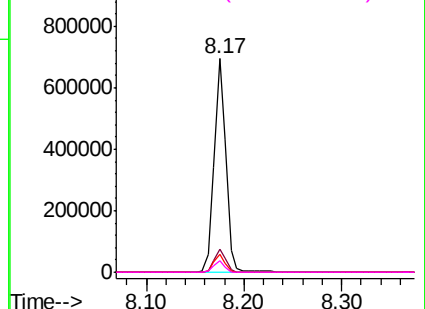
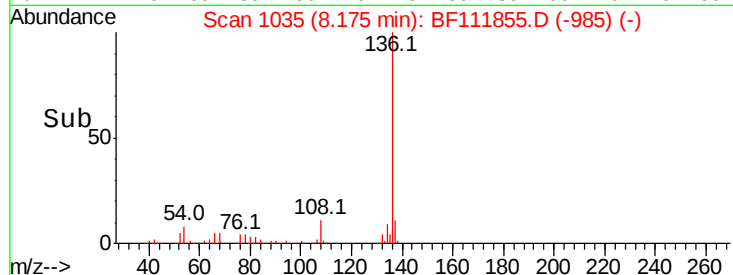


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tot Ion:136	Resp: 582188
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 8.5	7.7 11.5
68 5.3	4.9 7.3

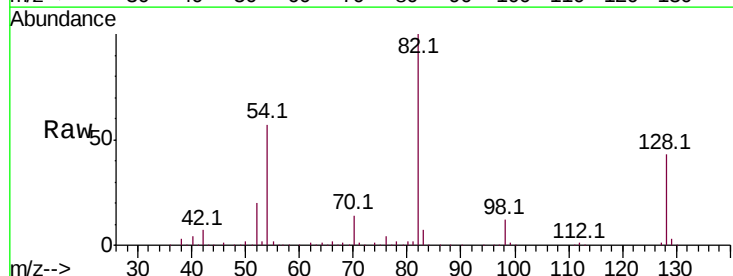


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

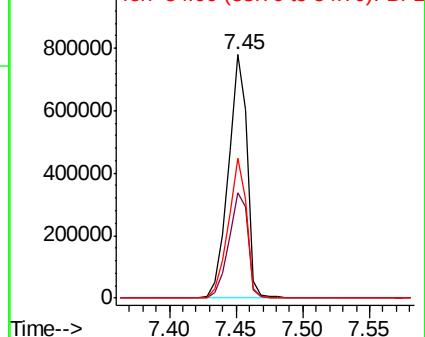
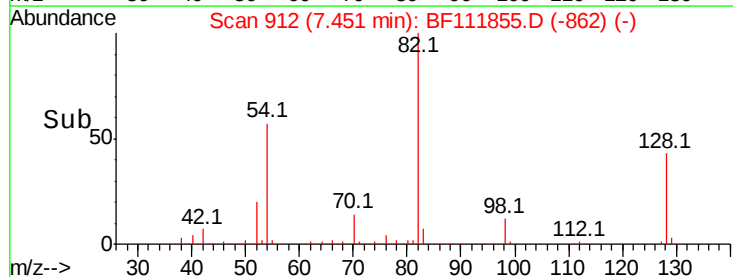


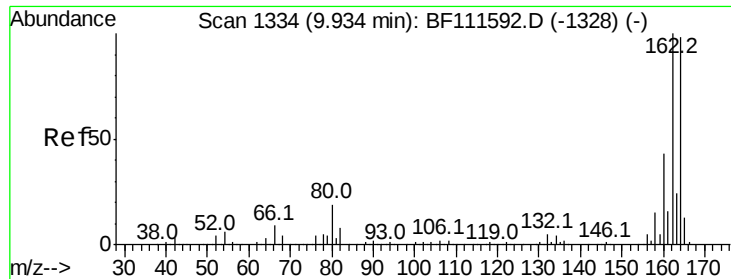
#23
Nitrobenzene-d5
Concen: 77.492 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion: 82	Resp: 775069
Ion Ratio	Lower Upper
82 100	
128 43.5	37.4 56.2
54 57.4	47.6 71.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

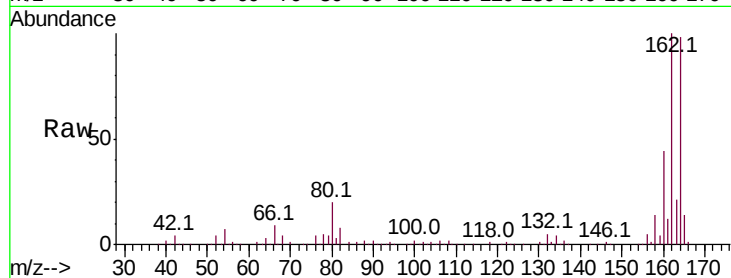
Delta R.T. -0.01 min

Lab File: BF111855.D

Acq: 4 Jan 2019 20:03

Tot Ion:164 Resp: 267822

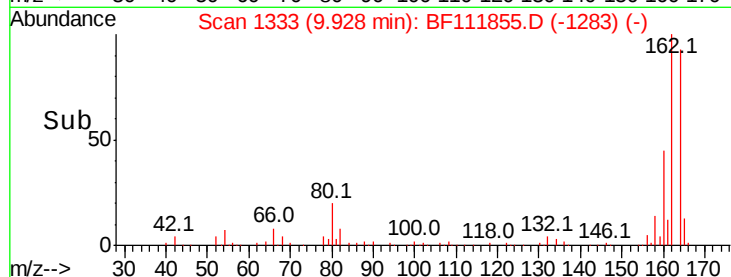
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	45.2	35.7	53.5



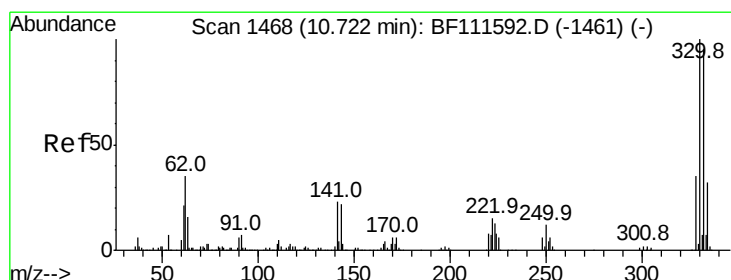
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 9.85 9.90 9.95 10.00



#42

2,4,6-Tribromophenol

Concen: 97.725 ng

RT: 10.72 min Scan# 1468

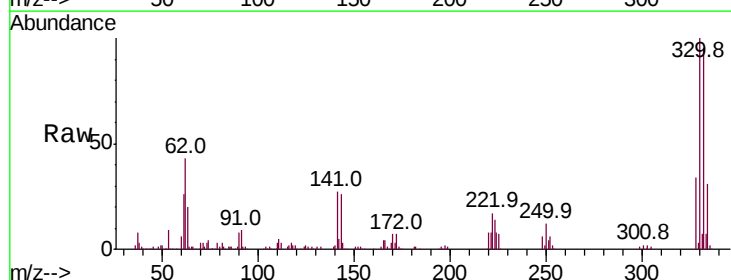
Delta R.T. 0.00 min

Lab File: BF111855.D

Acq: 4 Jan 2019 20:03

Tgt Ion:330 Resp: 309254

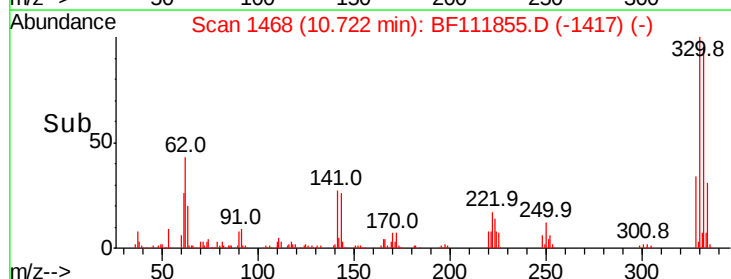
Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	29.6	31.0	46.6



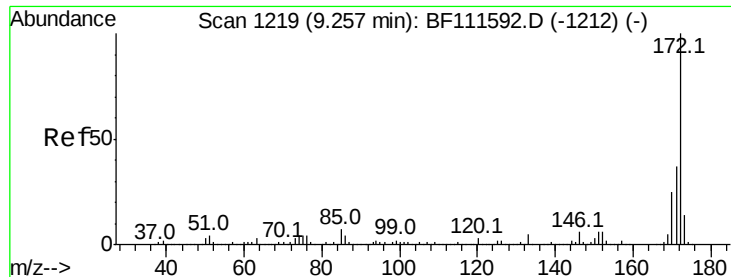
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



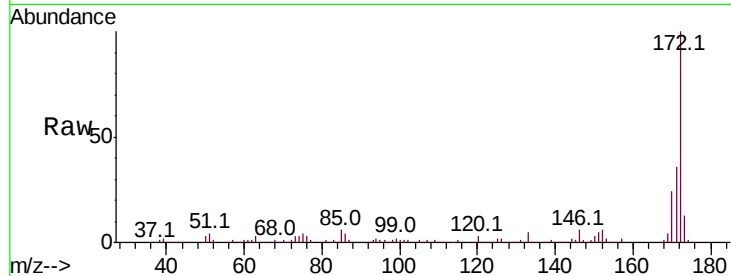
Time--> 10.70 10.80



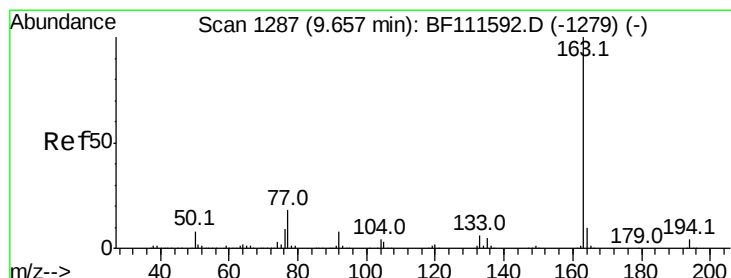
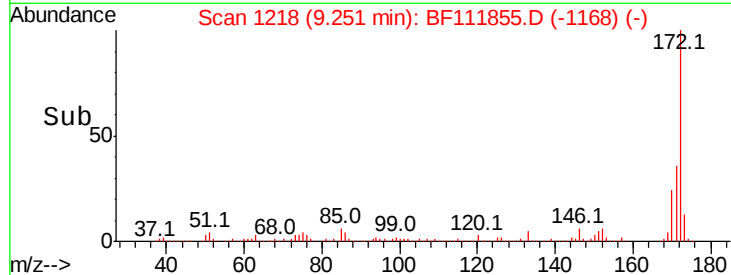
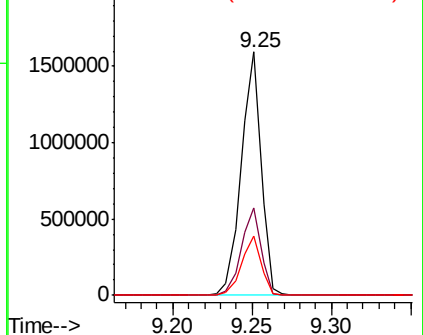
#45
 2-Fluorobiphenyl
 Concen: 75.432 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111855.D
 Acq: 4 Jan 2019 20:03

Tot Ion:172 Resp: 1386022

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.3	22.3	33.5



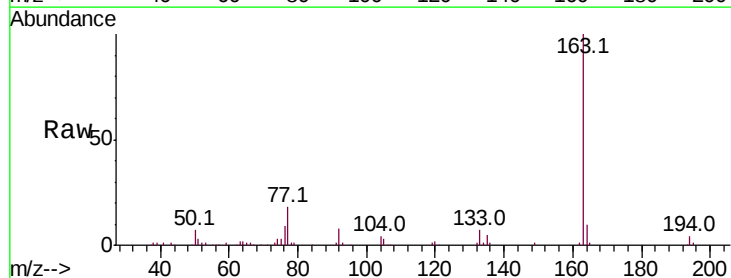
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



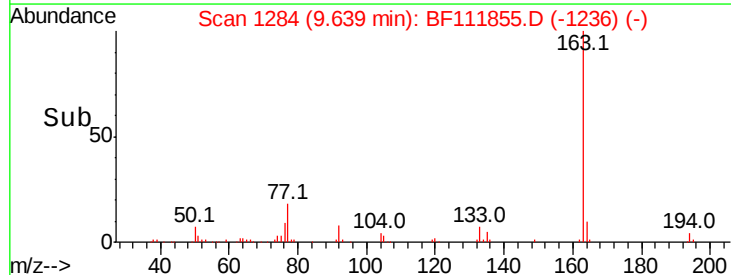
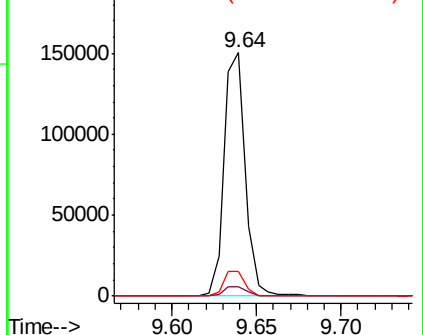
#50
 Dimethylphthalate
 Concen: 6.689 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111855.D
 Acq: 4 Jan 2019 20:03

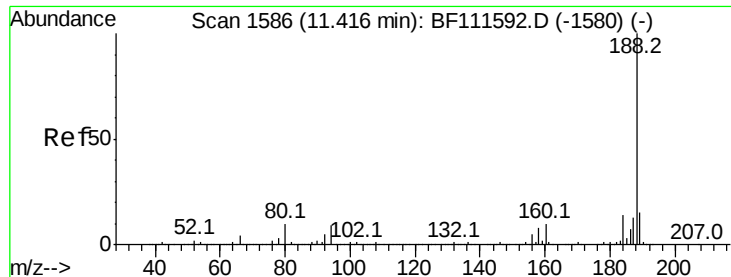
Tgt Ion:163 Resp: 131003

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.0	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: BF111855.D

Acq: 4 Jan 2019 20:03

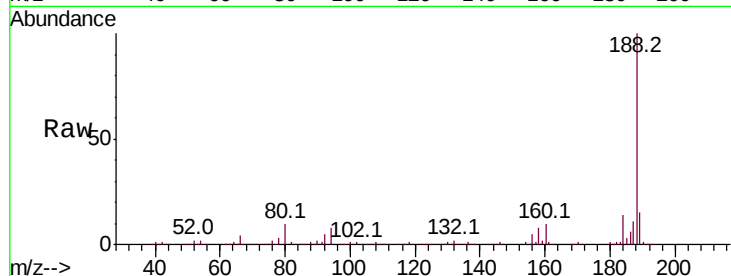
Tot Ion:188 Resp: 403358

Ion Ratio Lower Upper

188 100

94 8.1 9.6 14.4#

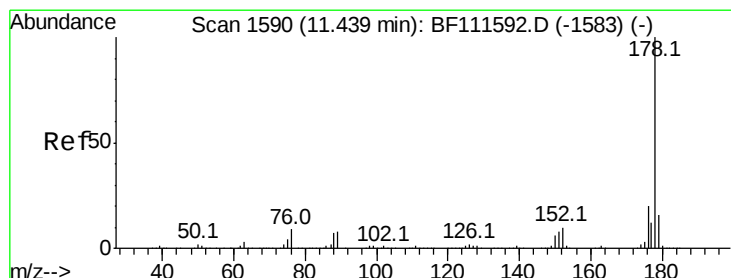
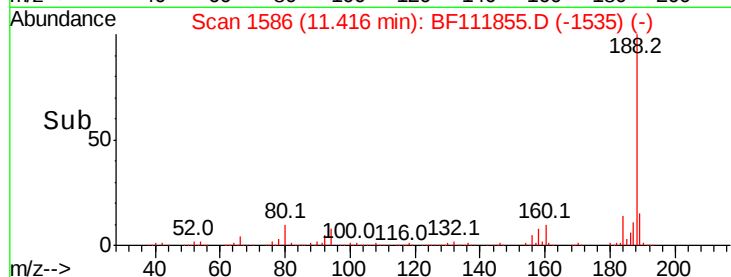
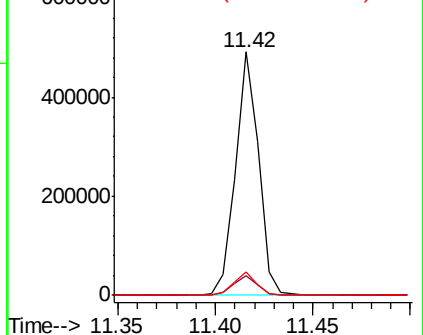
80 9.5 9.8 14.6#



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



#71

Phenanthrene

Concen: 2.955 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF111855.D

Acq: 4 Jan 2019 20:03

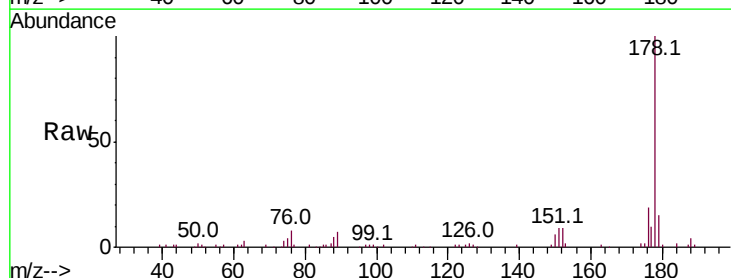
Tgt Ion:178 Resp: 63213

Ion Ratio Lower Upper

178 100

176 18.8 18.1 27.1

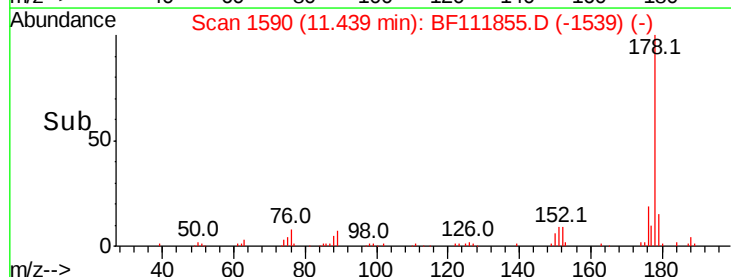
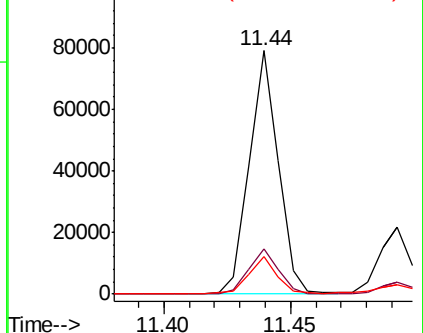
179 15.4 14.0 21.0

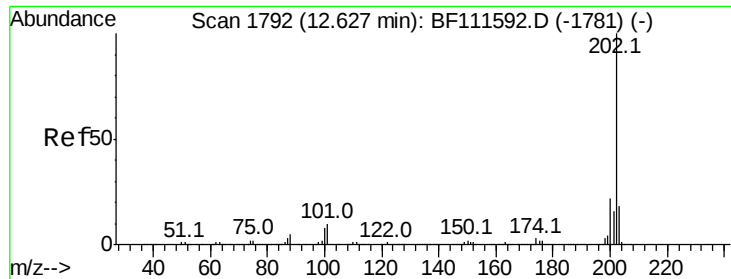


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 6.576 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF111855.D

Acq: 4 Jan 2019 20:03

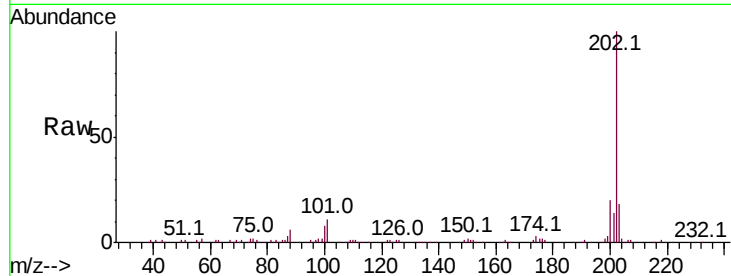
Tot Ion:202 Resp: 142454

Ion Ratio Lower Upper

202 100

101 10.5 0.0 33.8

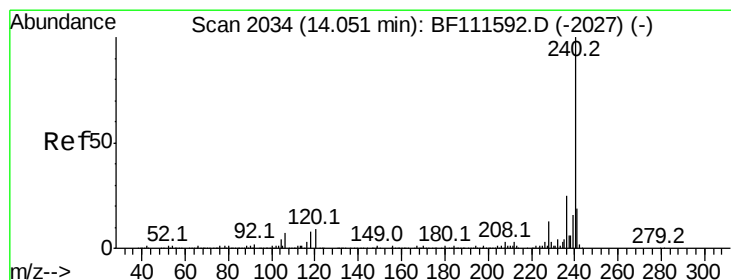
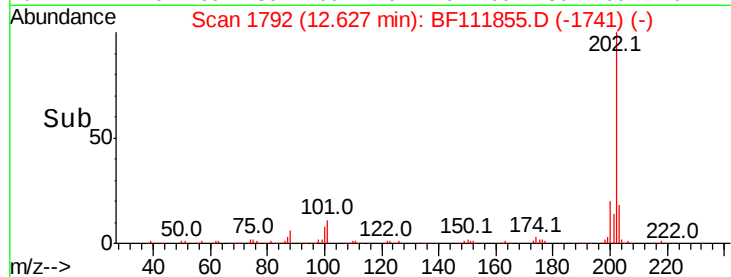
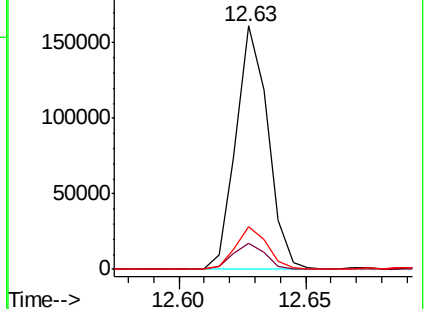
203 17.5 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111855.D

Acq: 4 Jan 2019 20:03

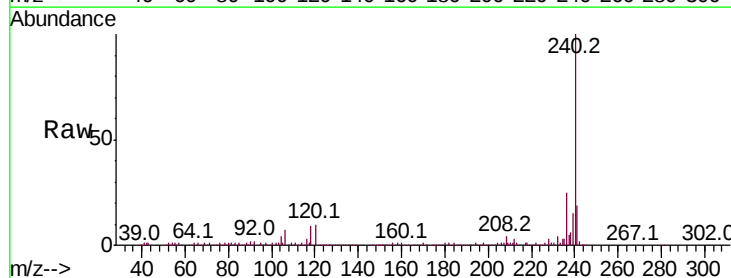
Tgt Ion:240 Resp: 354676

Ion Ratio Lower Upper

240 100

120 9.9 12.2 18.2#

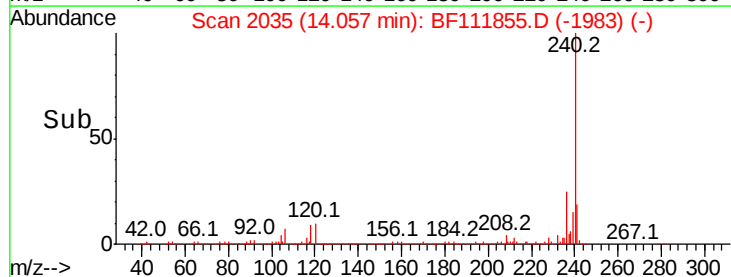
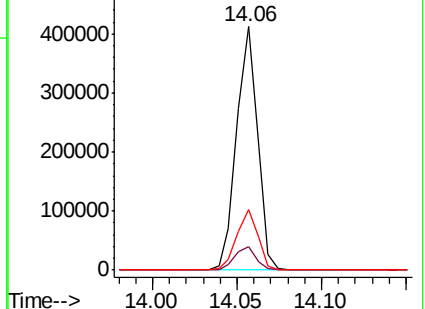
236 25.0 20.2 30.2

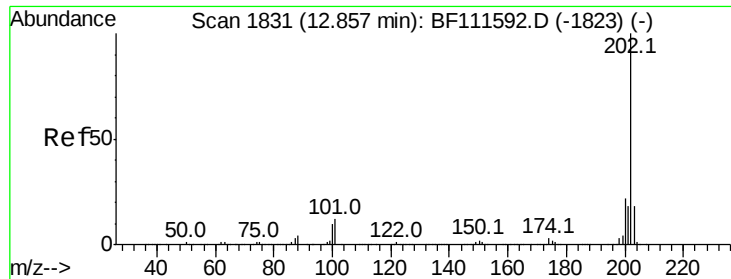


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

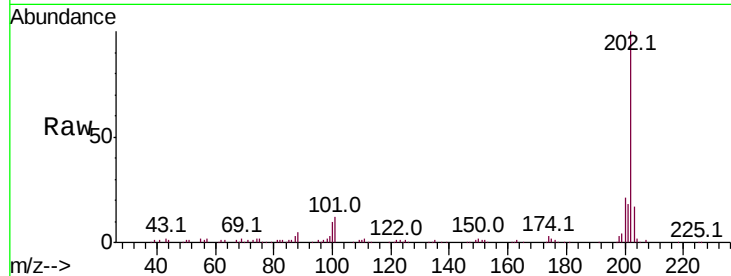
Ion 236.00 (235.70 to 236.70): E



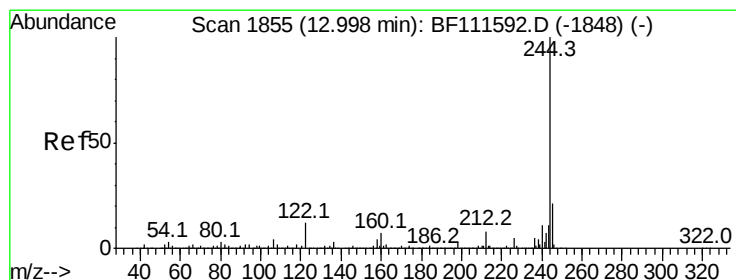
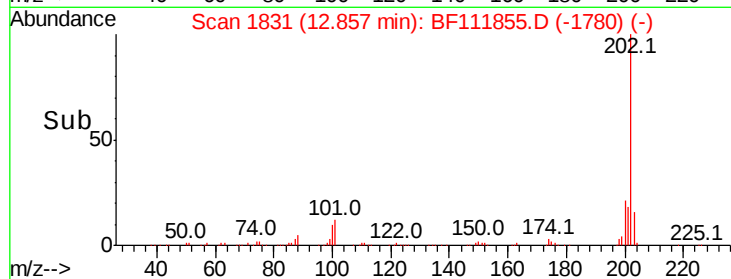
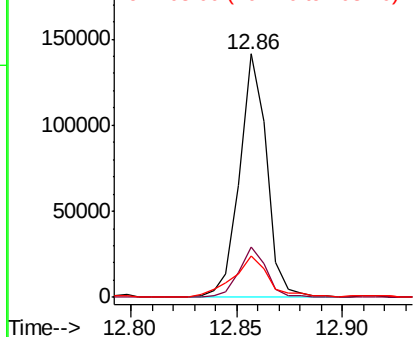


#78
Pvrene
Concen: 5.031 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.0	28.4
203	16.9	15.2	22.8

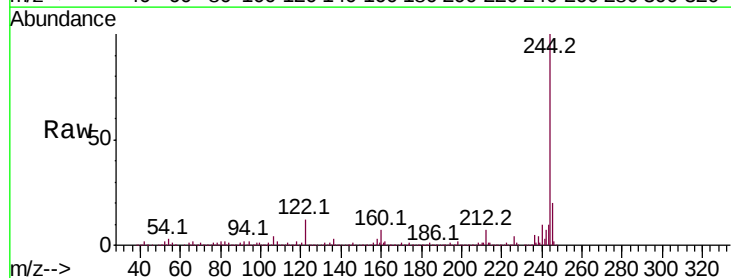


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

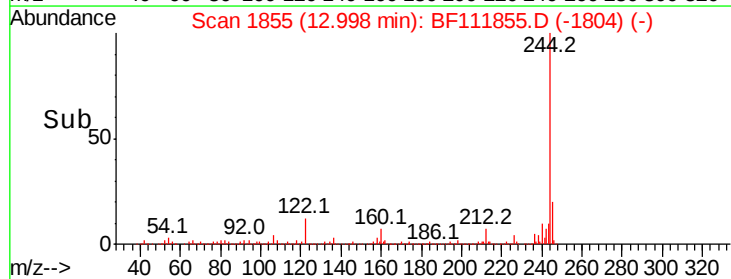
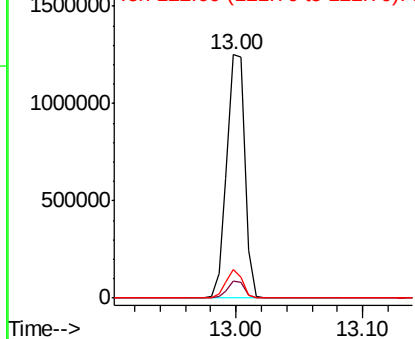


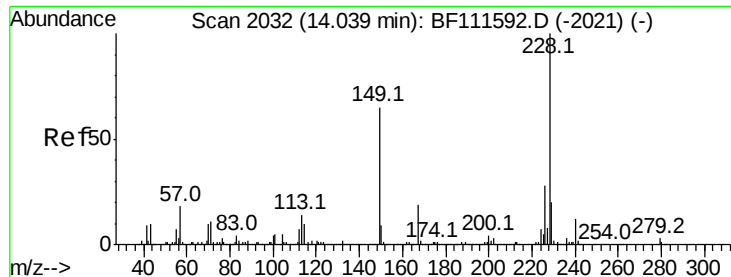
#79
Terphenyl-d14
Concen: 66.246 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.8	13.1	19.7#



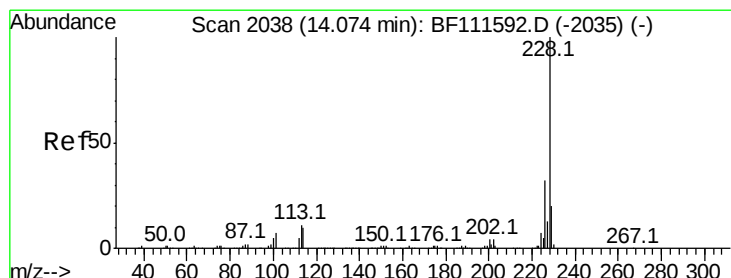
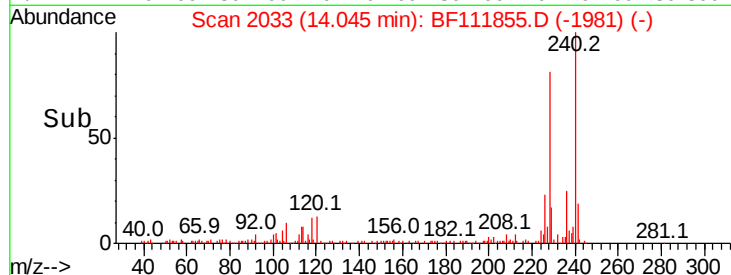
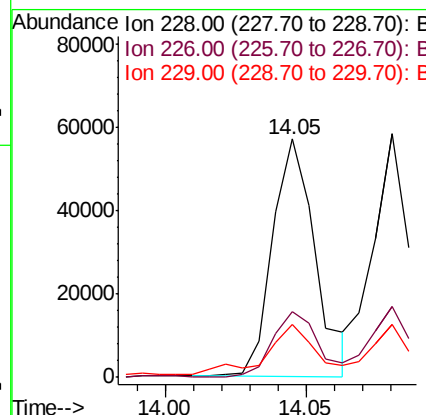
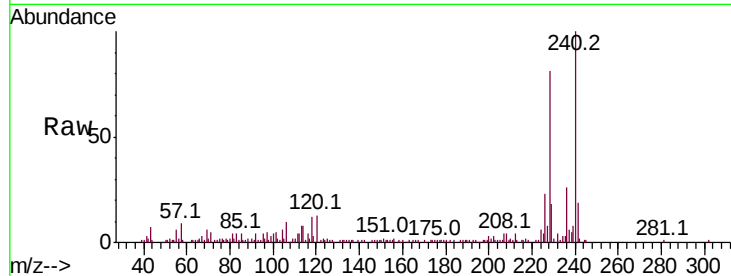
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





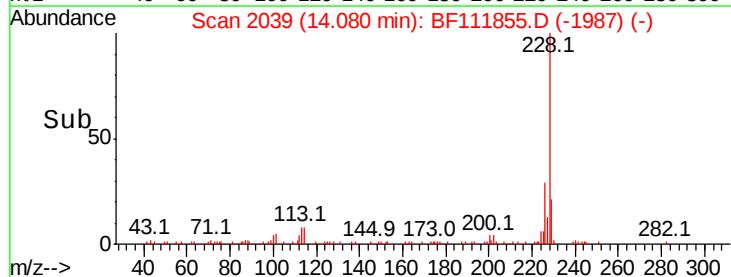
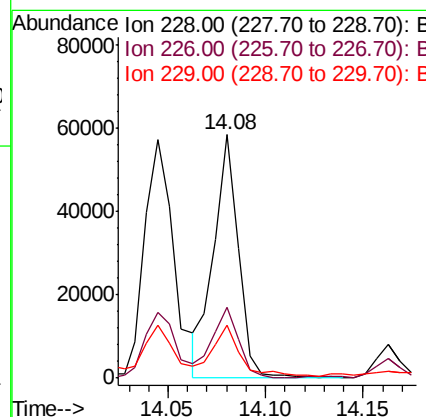
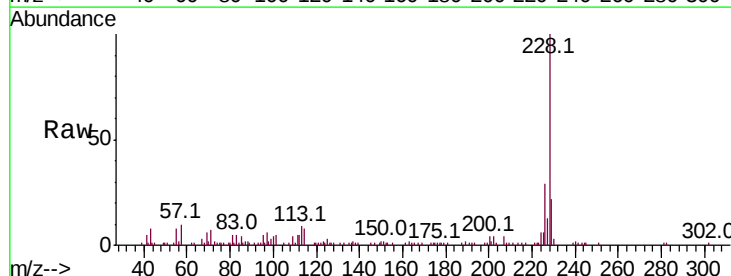
#81
Benzo(a)anthracene
Concen: 2.942 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

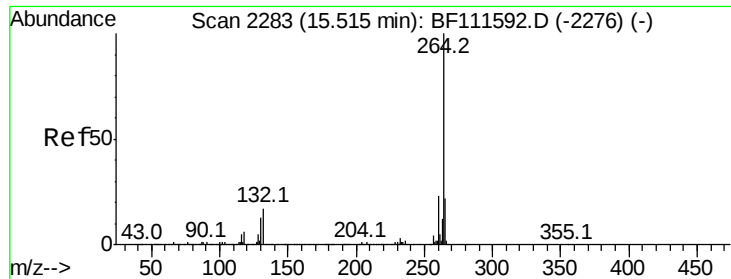
Tot Ion:228 Resp: 59558
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 22.0 16.3 24.5



#83
Chrysene
Concen: 2.607 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

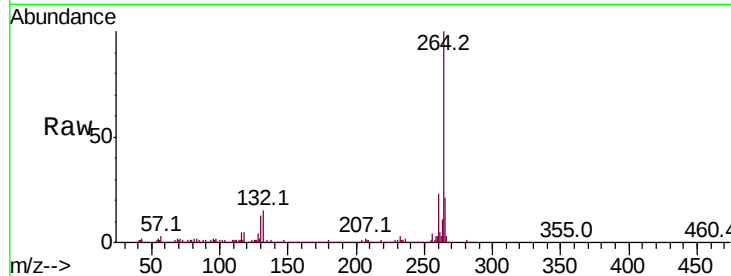
Tgt Ion:228 Resp: 51862
Ion Ratio Lower Upper
228 100
226 29.3 25.3 37.9
229 21.9 17.2 25.8



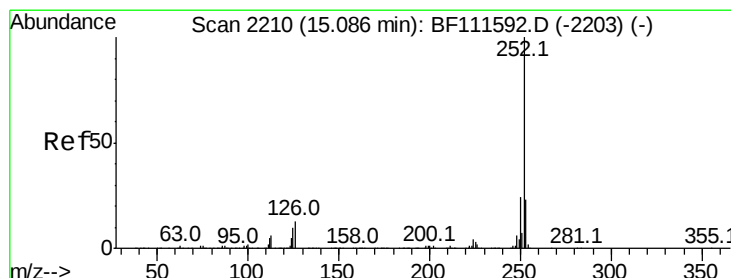
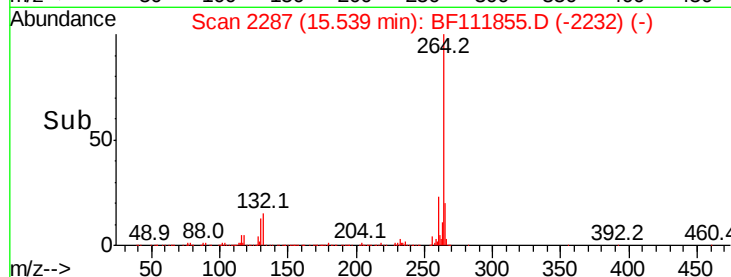
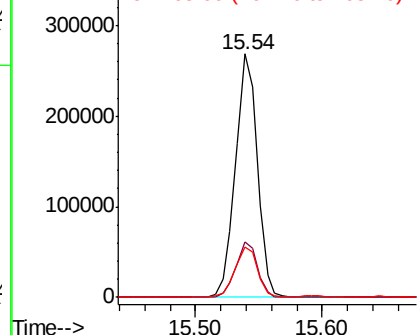


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tot Ion:264	Resp: 318252
Ion Ratio	Lower Upper
264 100	
260 22.8	18.3 27.5
265 20.6	17.7 26.5

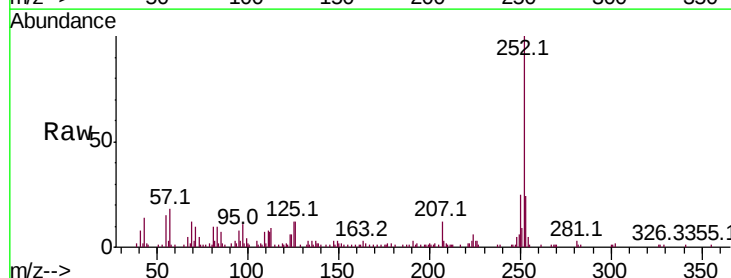


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

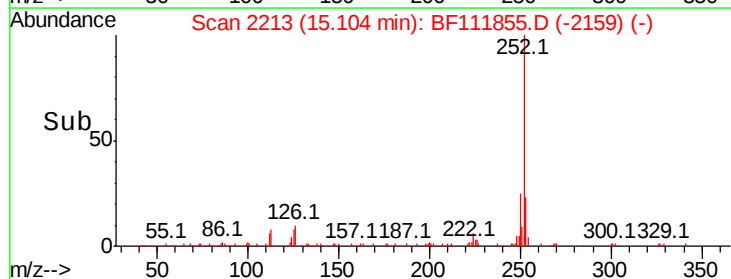
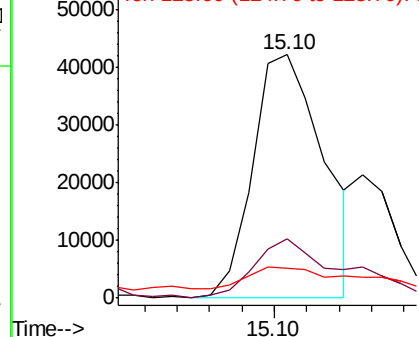


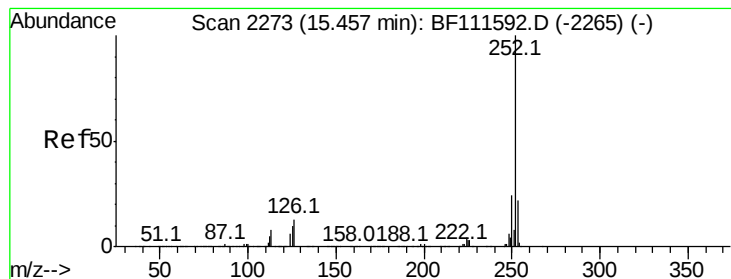
#88
Benzo(b)fluoranthene
Concen: 3.480 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF111855.D
Acq: 4 Jan 2019 20:03

Tgt Ion	252	Resp: Lower	64721 Upper
252	100		
253	24.2	18.2	27.2
125	12.3	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 2.655 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF111855.D
 Acq: 4 Jan 2019 20:03

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	13.2	12.3	18.5

