

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111857.D
 Acq On : 4 Jan 2019 20:57
 Operator : JU/SJ
 Sample : K1036-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 05 00:21:59 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

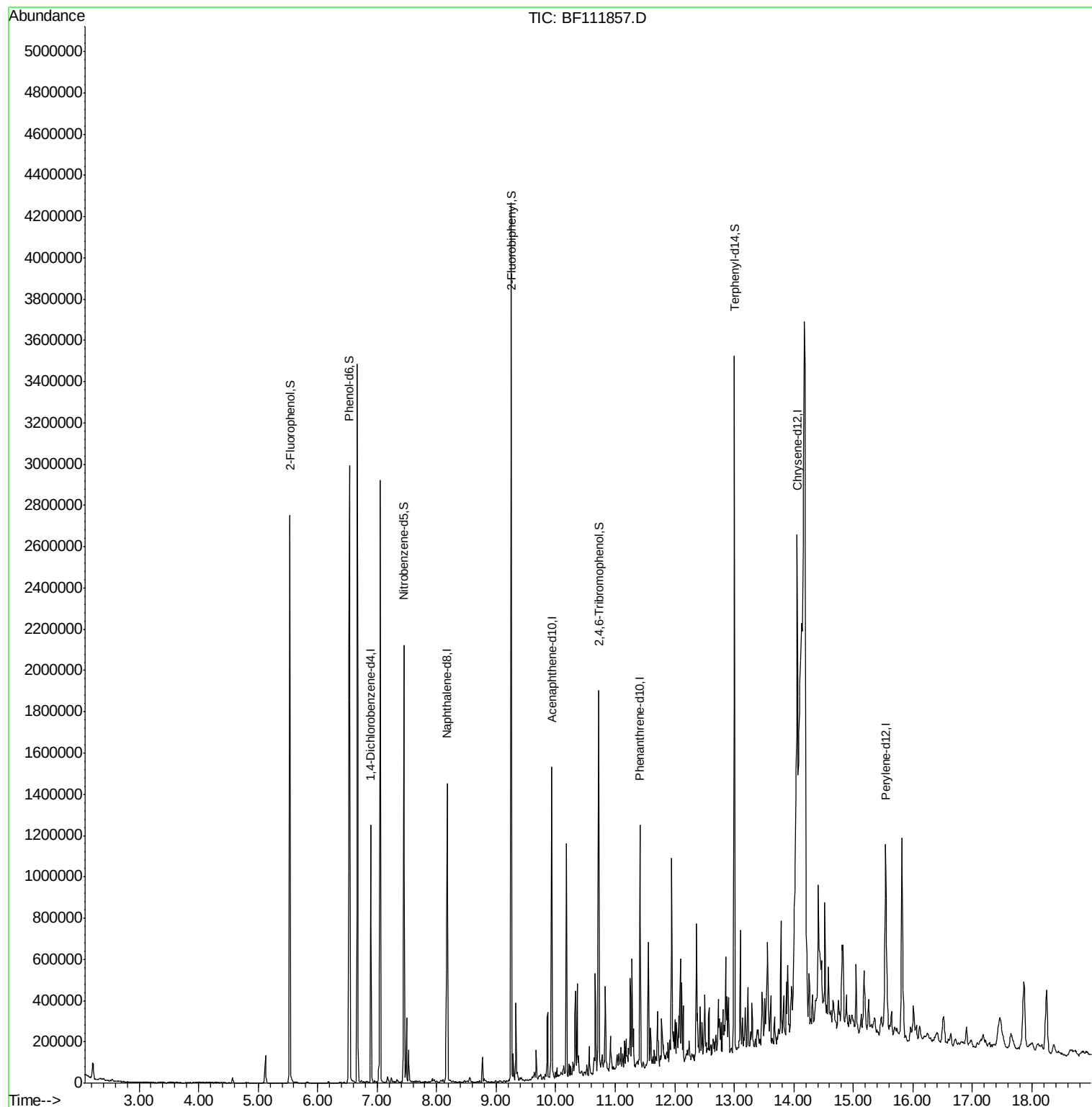
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166170	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	601459	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	271937	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	388394	20.00	ng	0.00
76) Chrysene-d12	14.06	240	422328	20.00	ng	0.00
87) Perylene-d12	15.54	264	313829	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	786885	80.72	ng	0.02
7) Phenol-d6	6.53	99	1014670	81.78	ng	0.01
23) Nitrobenzene-d5	7.45	82	647171	62.63	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	234848	73.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1227782	65.81	ng	0.00
79) Terphenyl-d14	13.00	244	1171573	52.61	ng	0.00

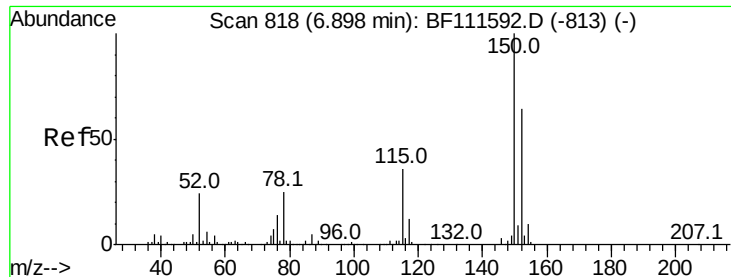
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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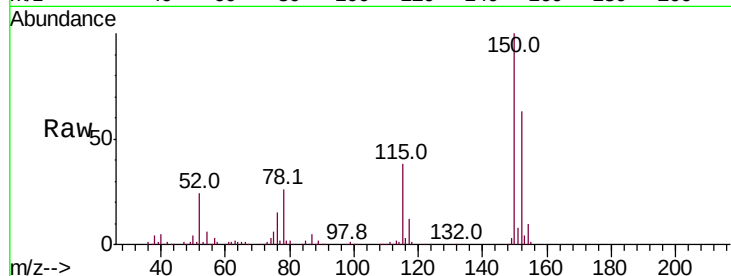




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111857.D
Acq: 4 Jan 2019 20:57

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	61.4	50.7	76.1

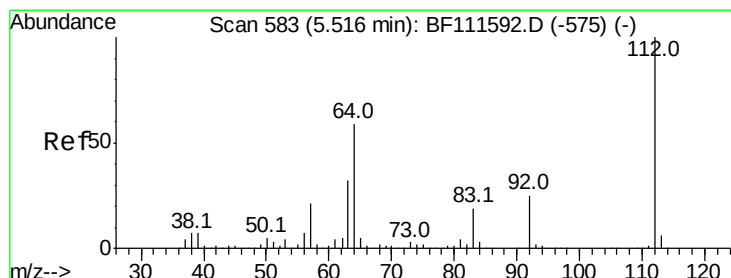
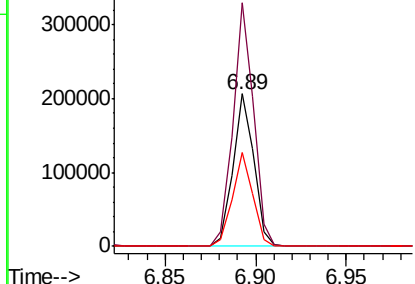
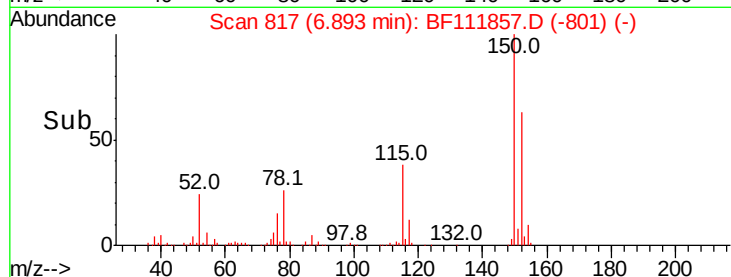


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

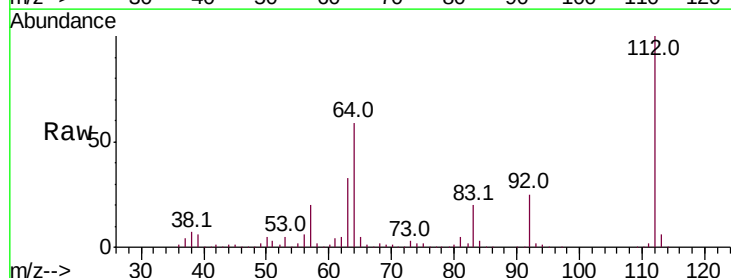
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.717 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111857.D
Acq: 4 Jan 2019 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	32.6	26.8	40.2

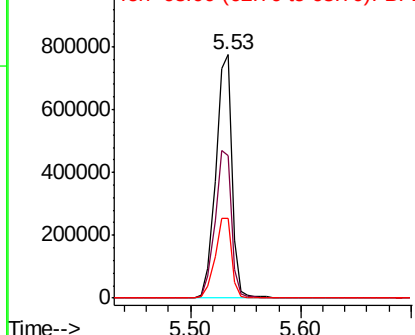
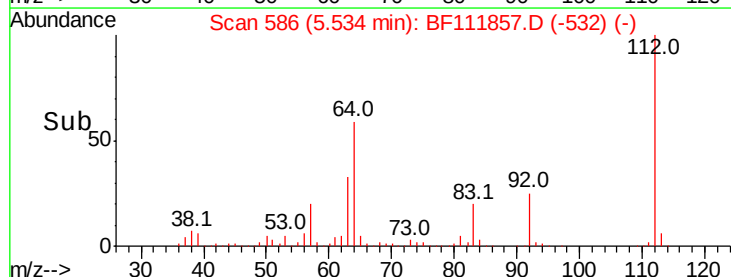


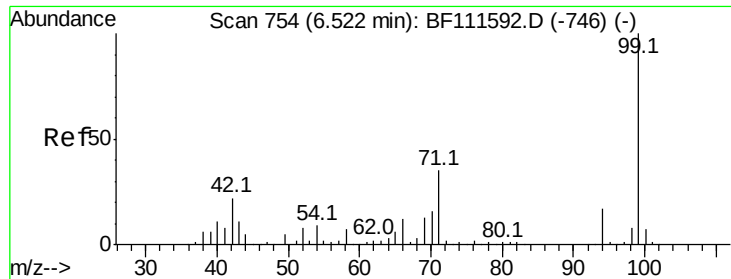
Abundance

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: 81.784 ng

RT: 6.53 min Scan# 756

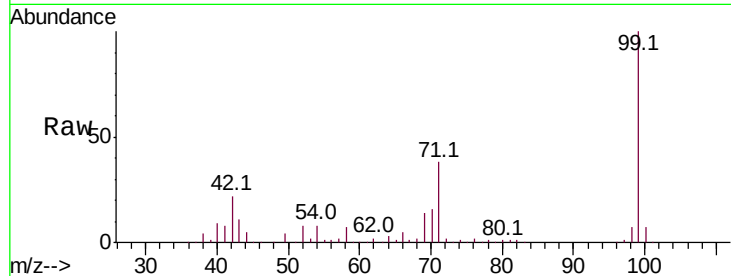
Delta R.T. 0.01 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

Tot Ion: 99 Resp: 1014670

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	37.7	26.1	39.1

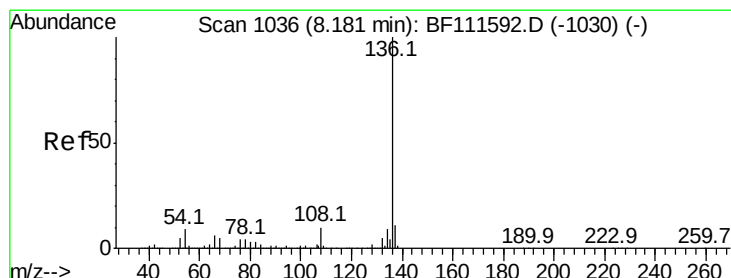
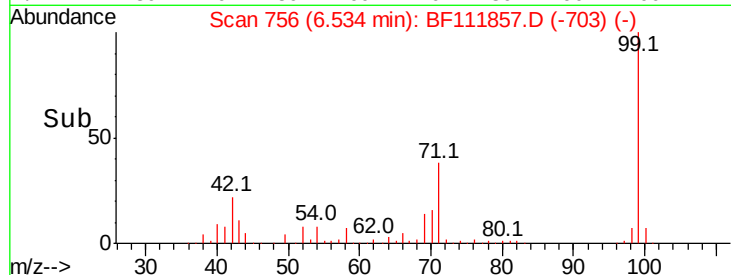
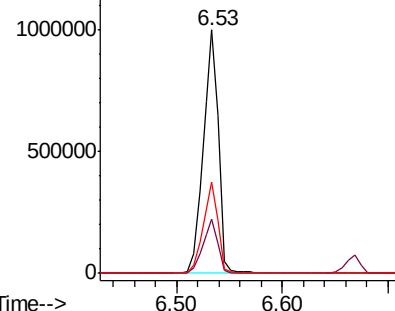


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

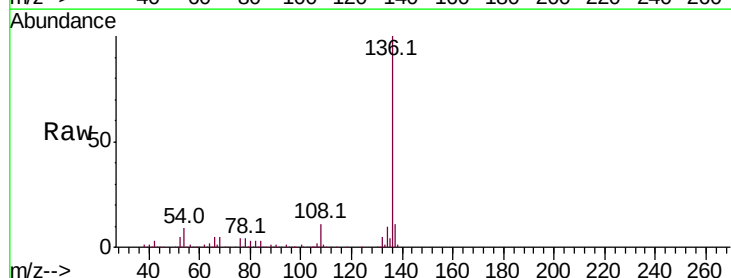
Delta R.T. -0.01 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

Tgt Ion: 136 Resp: 601459

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.3	7.7	11.5
68	5.3	4.9	7.3



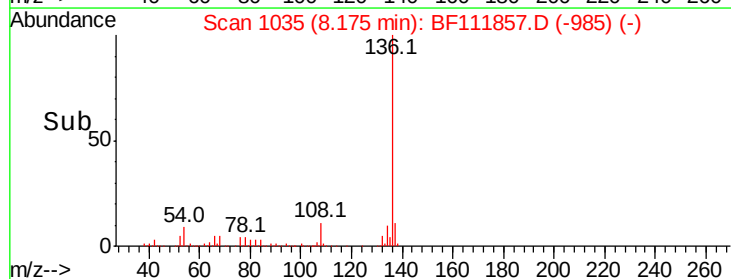
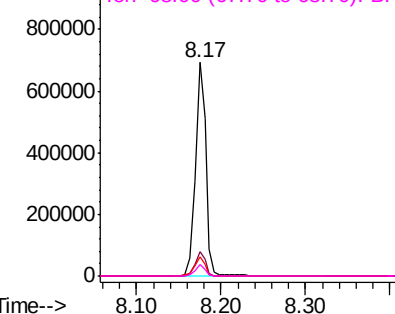
Abundance

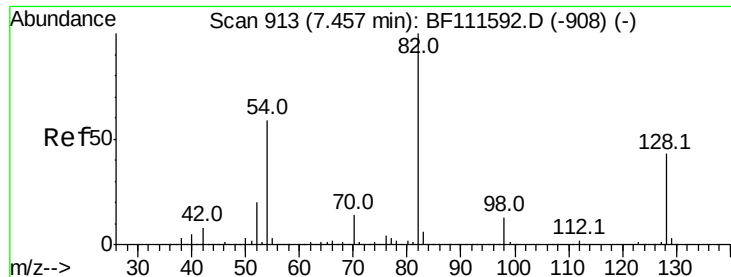
Ion 136.00 (135.70 to 136.70): E

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: 62.632 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

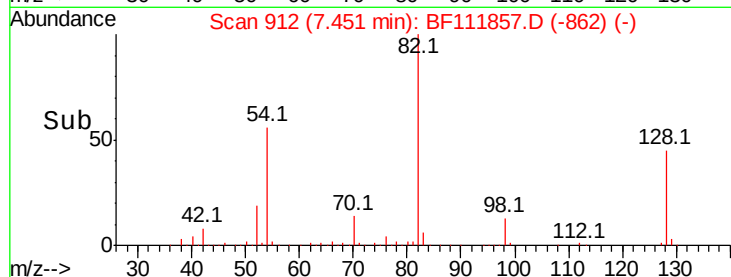
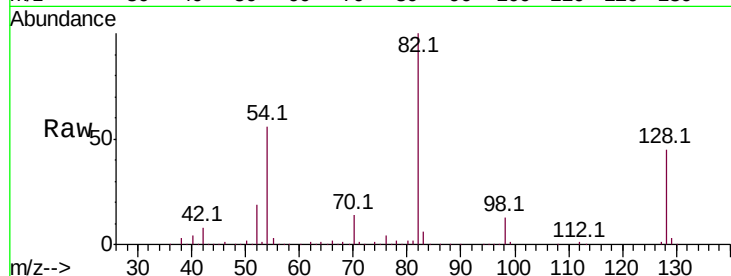
Tot Ion: 82 Resp: 647171

Ion Ratio Lower Upper

82 100

128 44.5 37.4 56.2

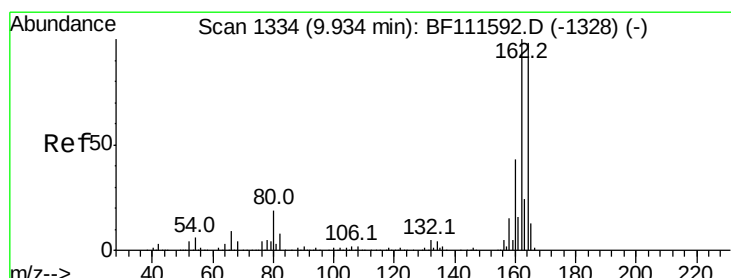
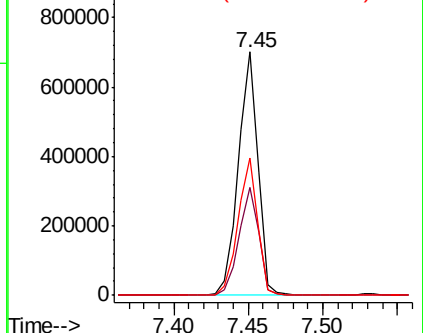
54 56.3 47.6 71.4



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

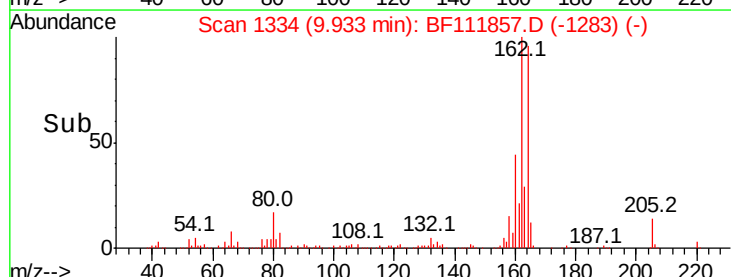
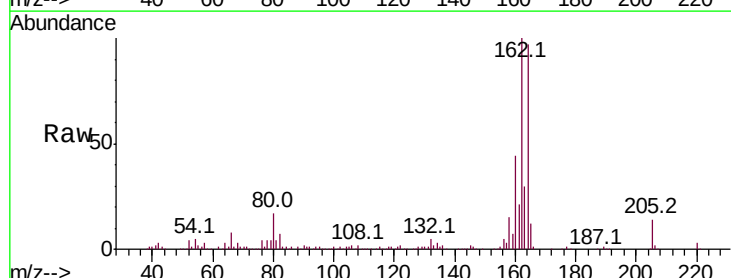
Tgt Ion:164 Resp: 271937

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.0

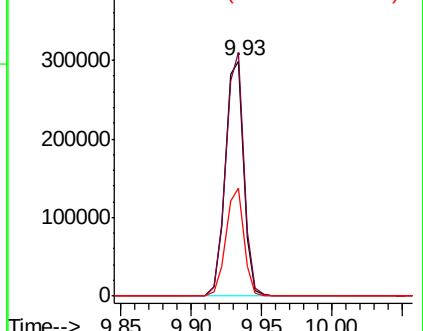
160 45.7 35.7 53.5

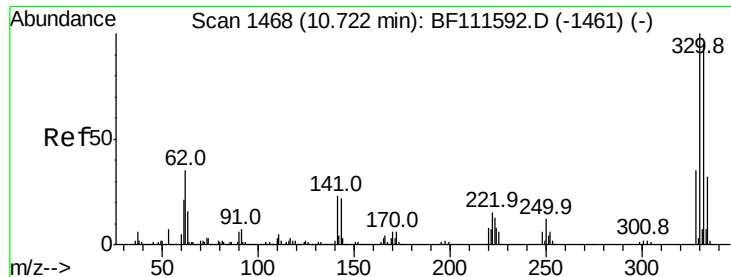


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

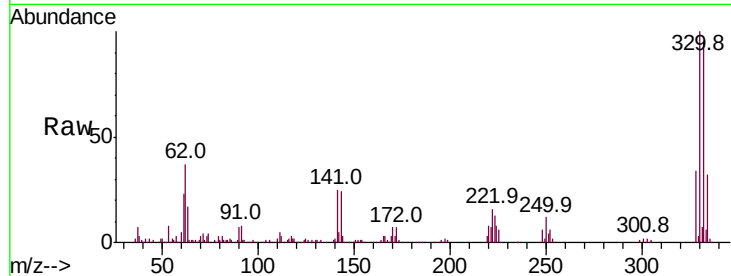
Ion 160.00 (159.70 to 160.70): E



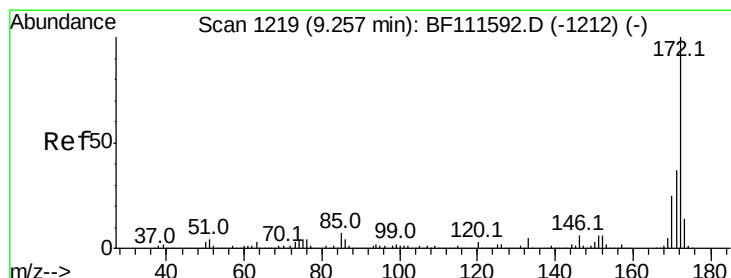
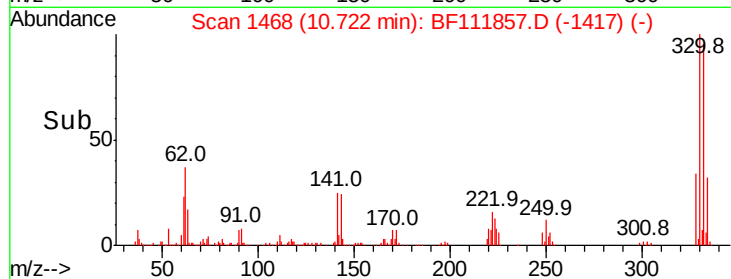
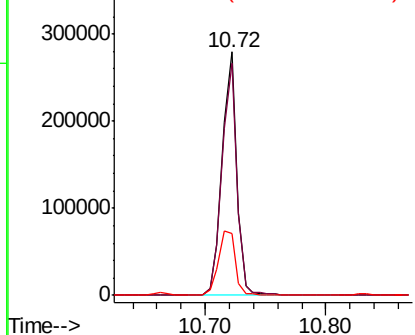


#42
 2,4,6-Tribromophenol
 Concen: 73.090 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111857.D
 Acq: 4 Jan 2019 20:57

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	30.4	31.0	46.6#

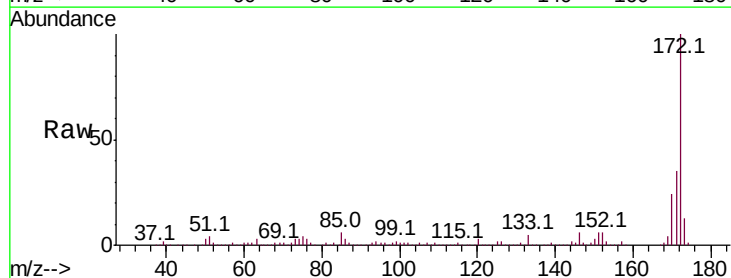


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

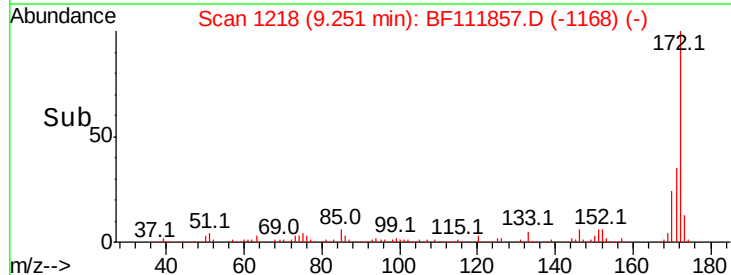
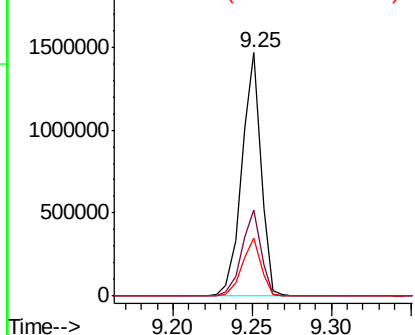


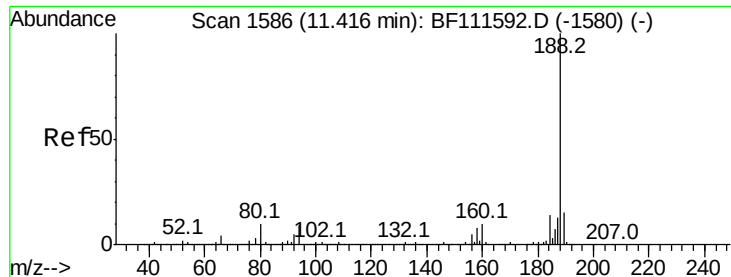
#45
 2-Fluorobiphenyl
 Concen: 65.809 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111857.D
 Acq: 4 Jan 2019 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.6	22.3	33.5



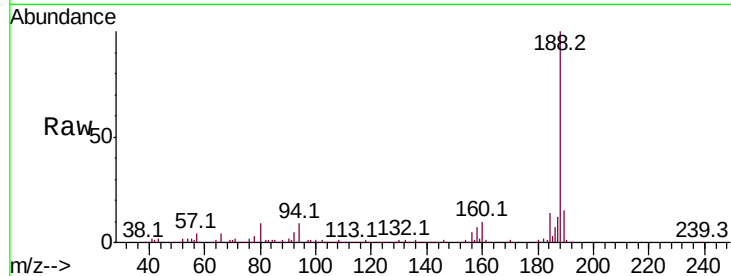
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



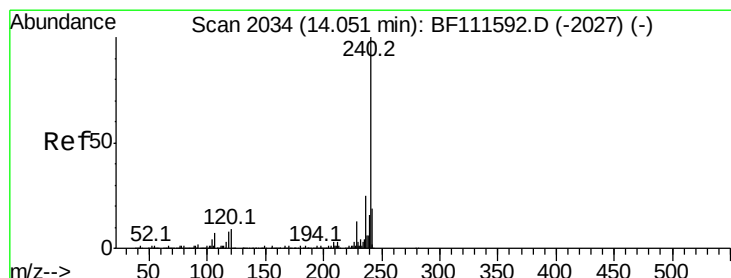
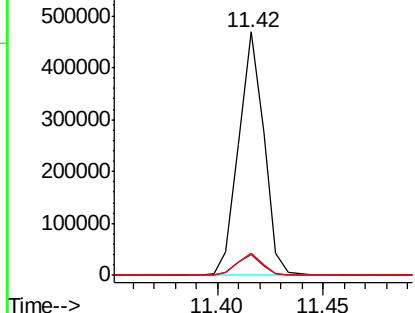
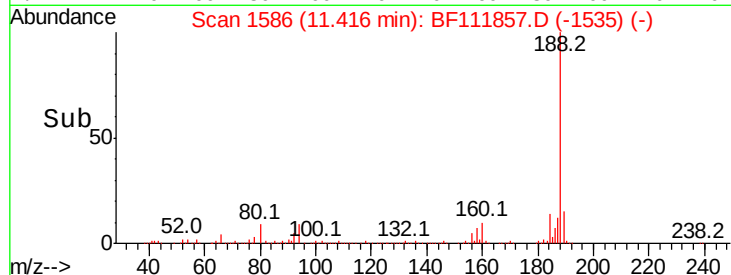


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111857.D
Acq: 4 Jan 2019 20:57

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.2	9.8	14.6#

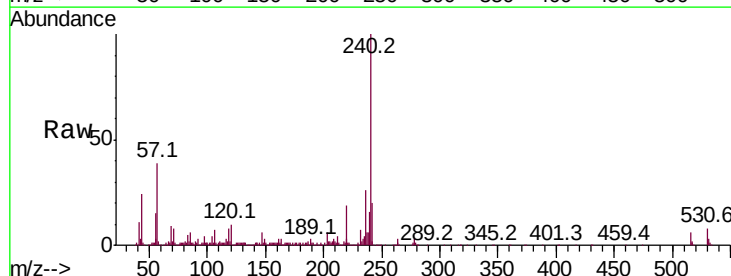


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

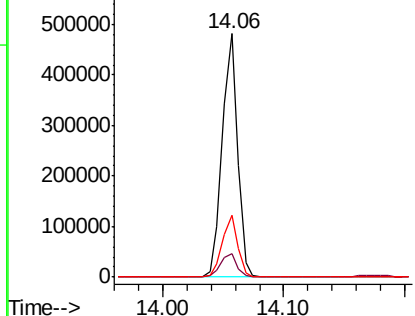
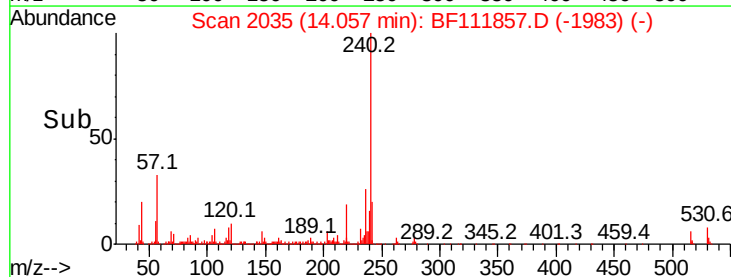


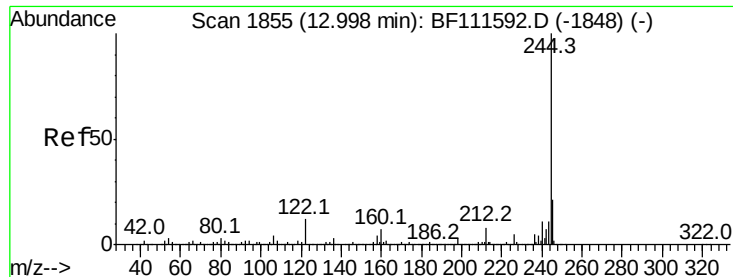
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111857.D
Acq: 4 Jan 2019 20:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.5	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: 52.608 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

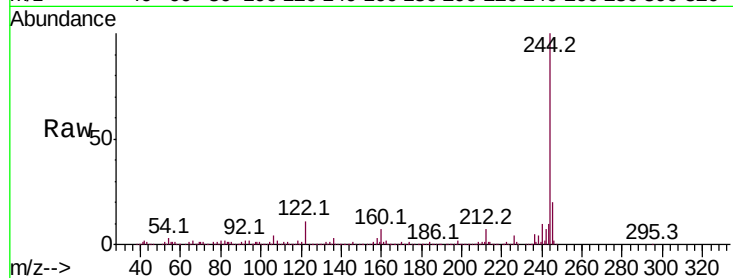
Tot Ion:244 Resp: 1171573

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.2	13.1	19.7

244 100

212 6.8 5.7 8.5

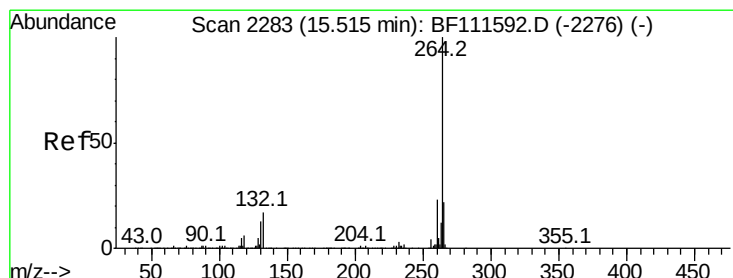
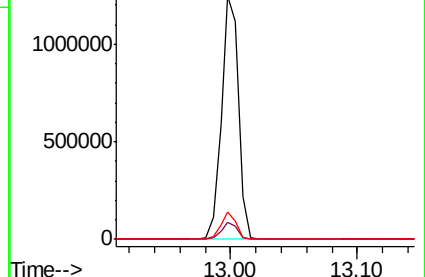
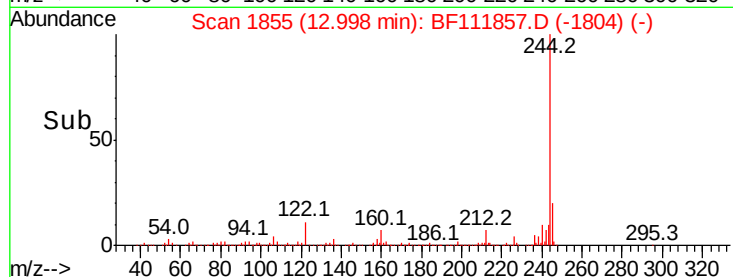
122 11.2 13.1 19.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BF111857.D

Acq: 4 Jan 2019 20:57

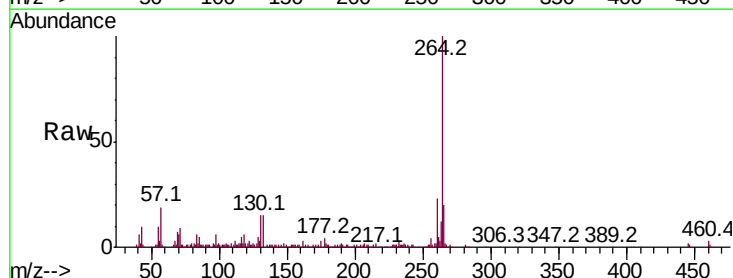
Tgt Ion:264 Resp: 313829

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.4	17.7	26.5

264 100

260 23.2 18.3 27.5

265 20.4 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

