

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116361.D
 Acq On : 17 Aug 2019 16:59
 Operator : HP/JU
 Sample : K4391-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

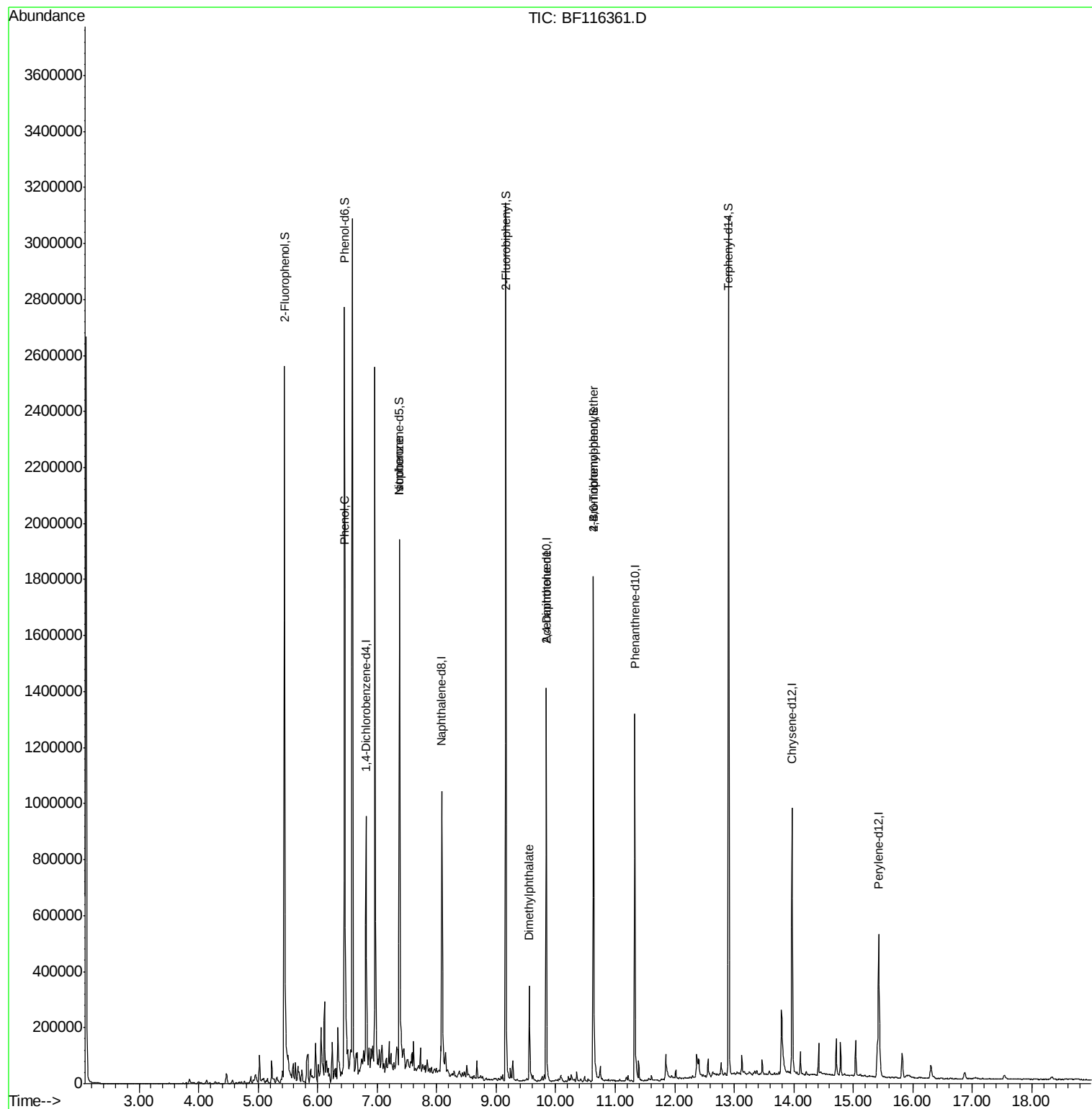
Quant Time: Aug 19 05:54:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133915	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	521775	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	273536	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	464687	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	320083	20.00	ng	-0.04
87) Perylene-d12	15.42	264	292228	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	857879	107.24	ng	-0.03
7) Phenol-d6	6.45	99	1079287	106.94	ng	-0.04
23) Nitrobenzene-d5	7.37	82	690137	76.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	263582	99.39	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1047968	71.76	ng	-0.04
79) Terphenyl-d14	12.90	244	1040048	68.47	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	57177	4.811	ng	89
25) Isophorone	7.37	82	690542	39.952	ng	# 65
50) Dimethylphthalate	9.56	163	136786	7.344	ng	99
57) 2,4-Dinitrotoluene	9.84	165	34794	6.457	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	15753	3.167	ng	# 1

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

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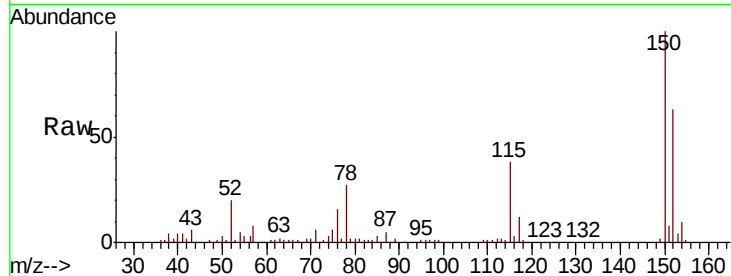




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	60.5	49.9	74.9

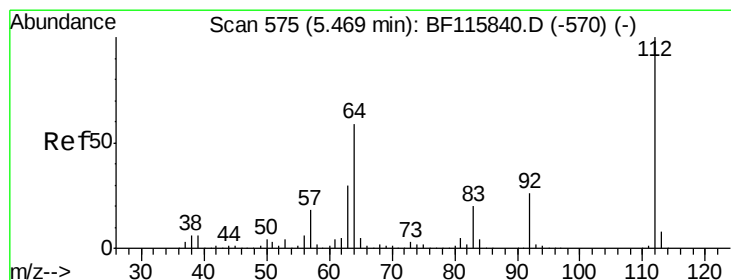
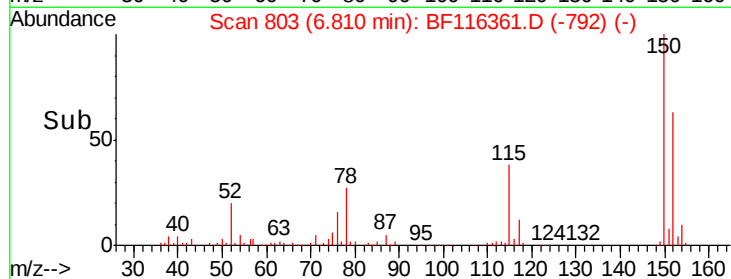
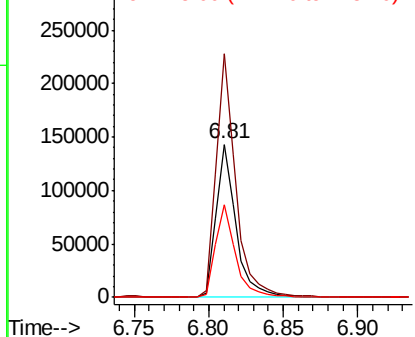


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

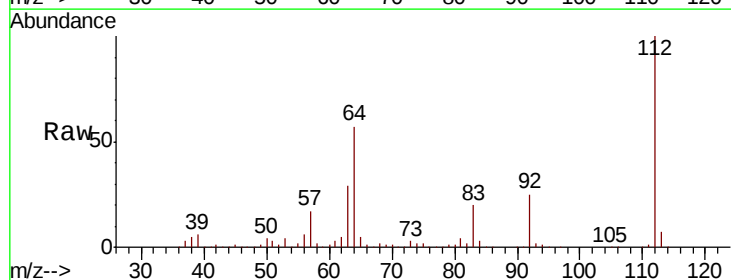
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.243 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.2	23.7	35.5

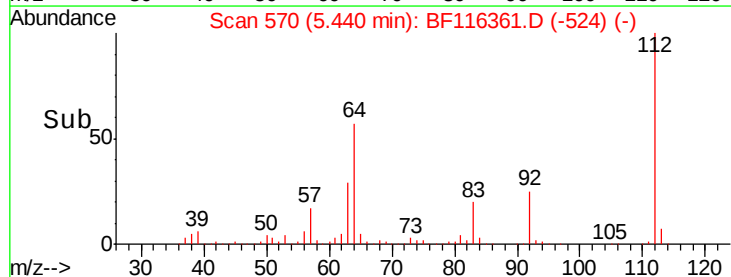
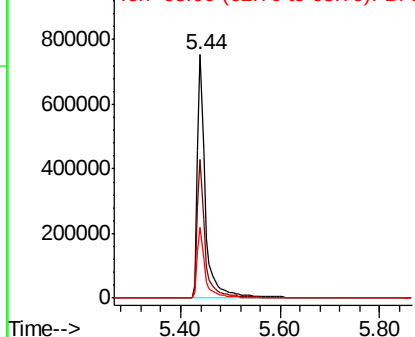


Abundance

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: 106.938 ng

RT: 6.45 min Scan# 742

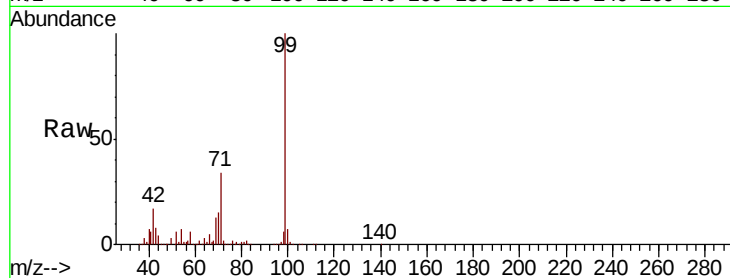
Delta R.T. -0.04 min

Lab File: BF116361.D

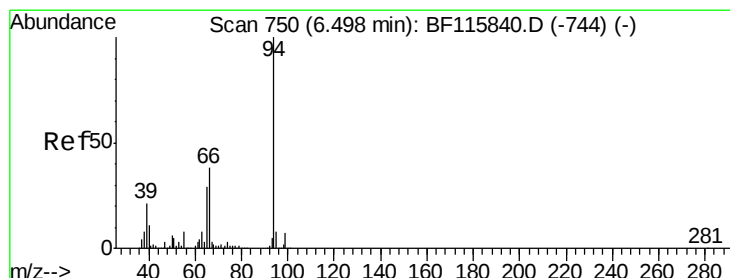
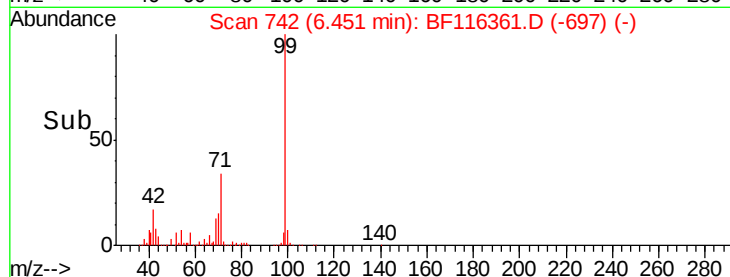
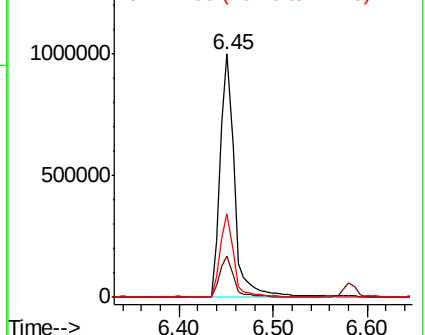
Acq: 17 Aug 2019 16:59

Tot Ion: 99 Resp: 1079287

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.3	27.3	40.9



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: 4.811 ng

RT: 6.46 min Scan# 744

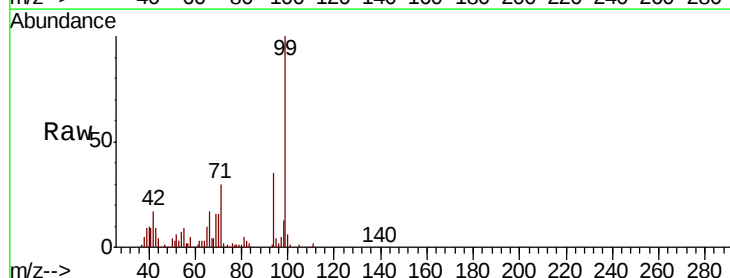
Delta R.T. -0.04 min

Lab File: BF116361.D

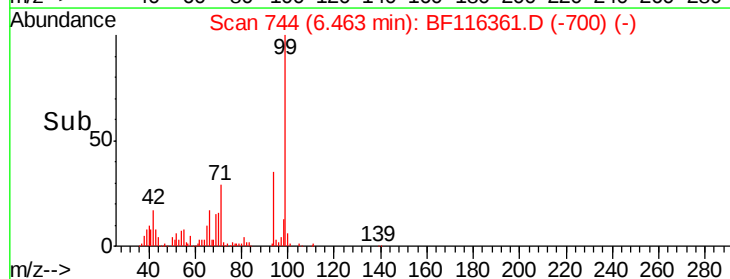
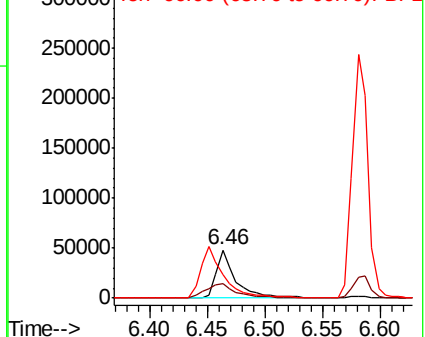
Acq: 17 Aug 2019 16:59

Tgt Ion: 94 Resp: 57177

Ion	Ratio	Lower	Upper
94	100		
65	29.6	16.8	56.8
66	47.4	34.2	74.2



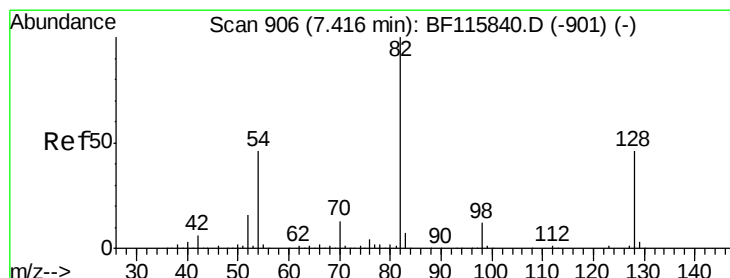
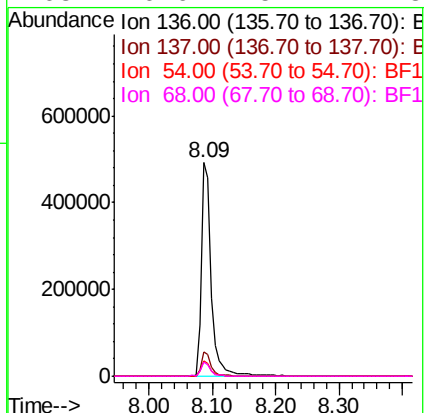
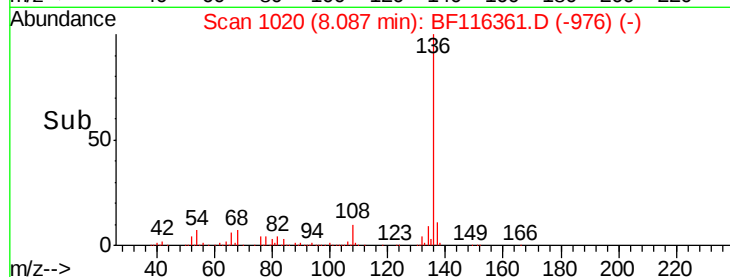
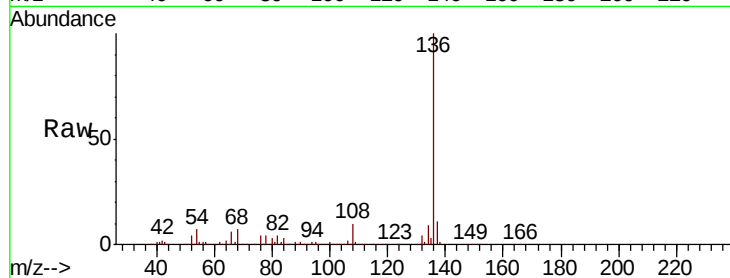
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





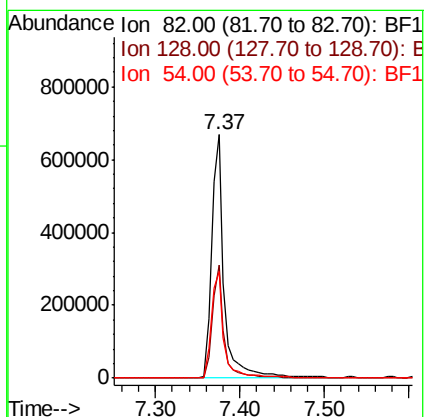
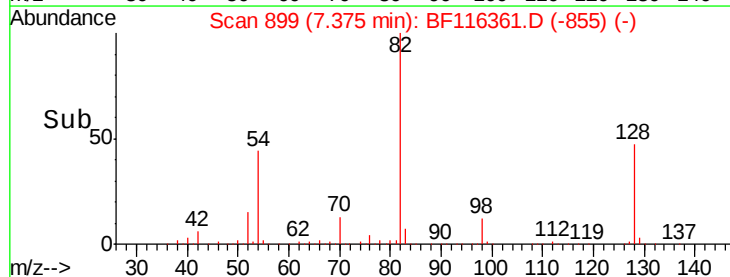
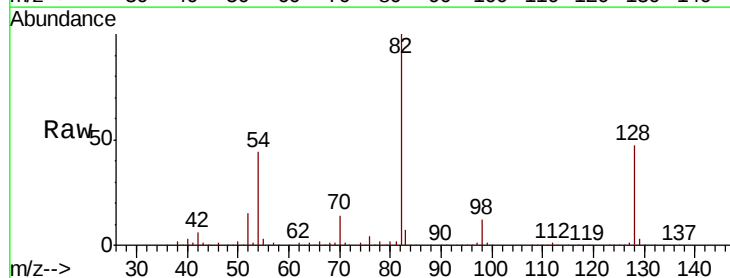
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

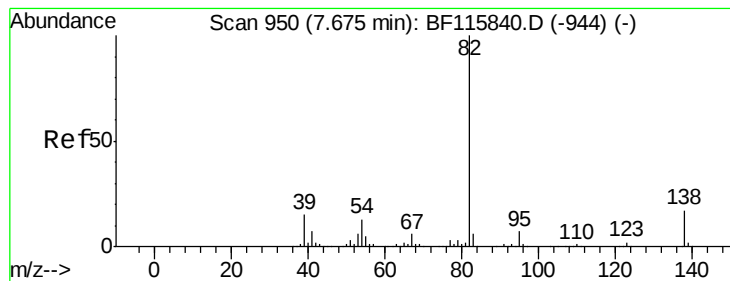
Tot Ion:136	Resp:	521775
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.4	5.8 8.6
68	6.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 76.349 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tgt Ion: 82	Resp:	690137
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.5 54.7
54	43.8	36.0 54.0





#25

Isophorone

Concen: 39.952 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.30 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

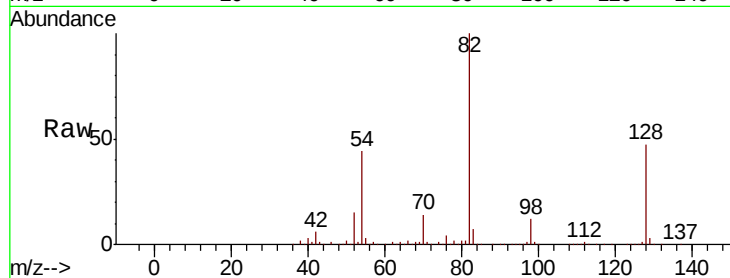
Tot Ion: 82 Resp: 690542

Ion Ratio Lower Upper

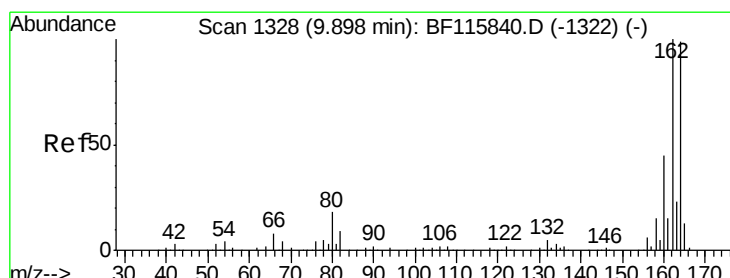
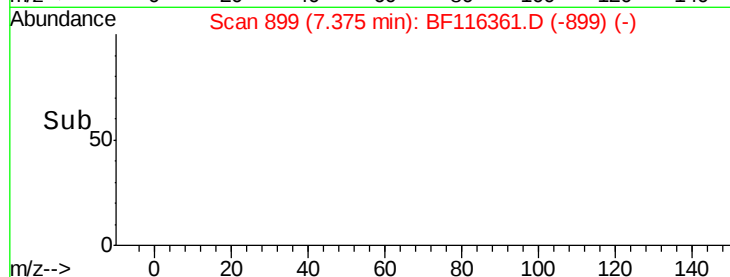
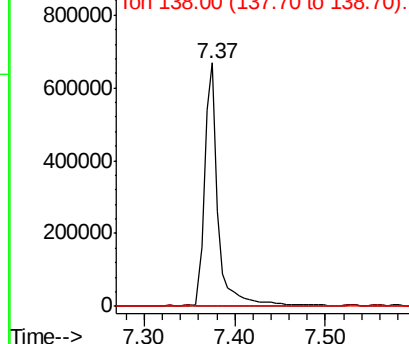
82 100

95 0.3 5.4 8.0#

138 0.0 14.5 21.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

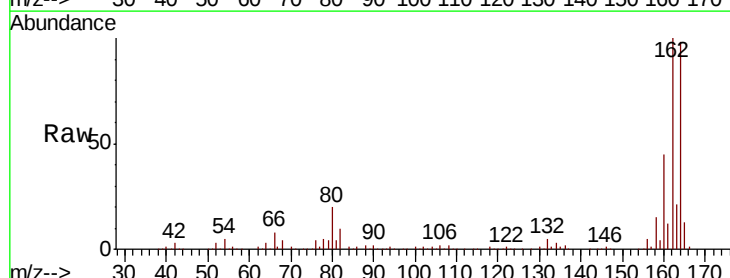
Tgt Ion: 164 Resp: 273536

Ion Ratio Lower Upper

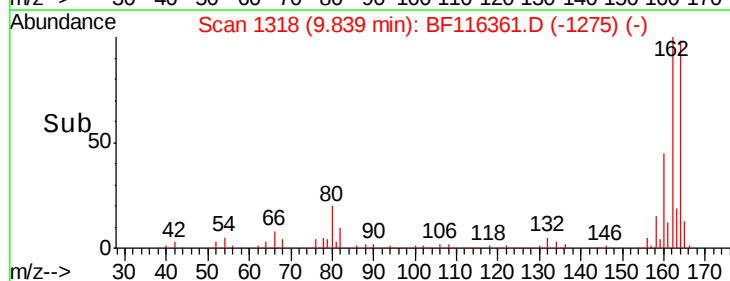
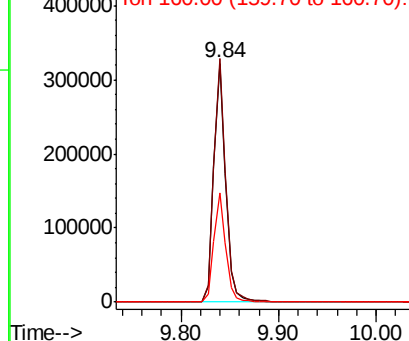
164 100

162 102.0 82.6 124.0

160 45.9 37.6 56.4



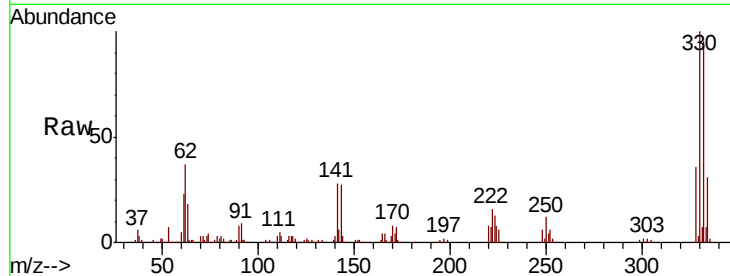
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42
 2,4,6-Tribromophenol
 Concen: 99.390 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.04 min
 Lab File: BF116361.D
 Acq: 17 Aug 2019 16:59

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	34.3	26.3	39.5

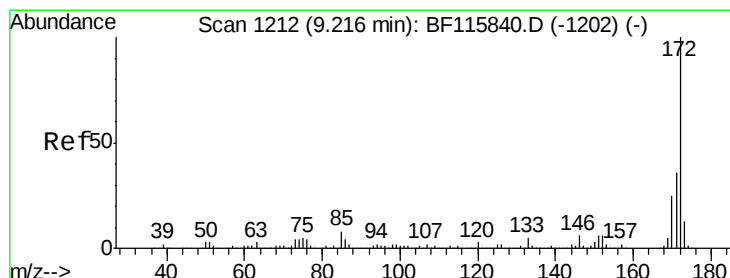
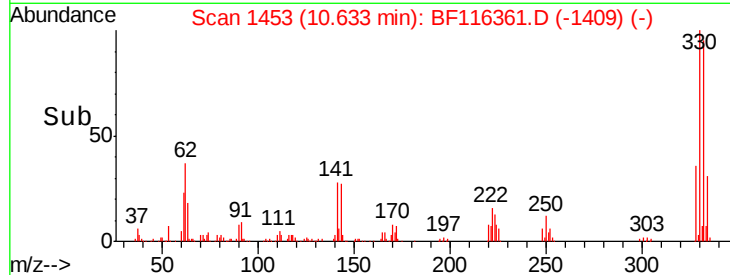
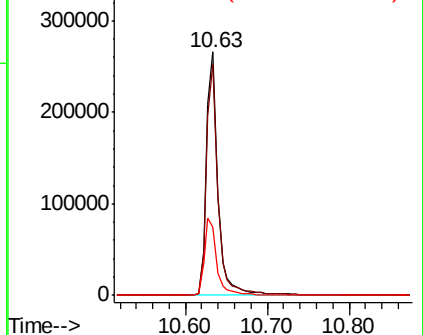


Abundance

Ion 329.80 (329.50 to 330.50): E

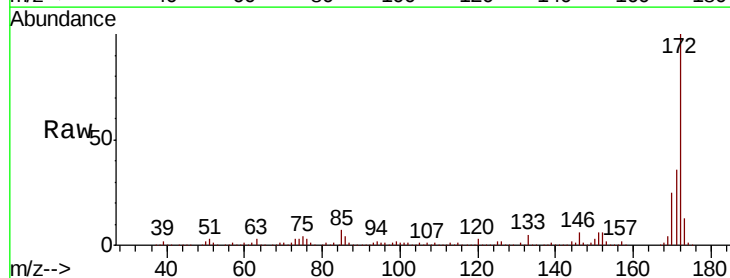
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.761 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BF116361.D
 Acq: 17 Aug 2019 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.5	20.1	30.1

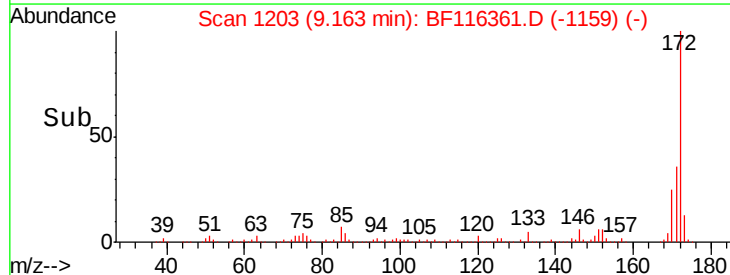
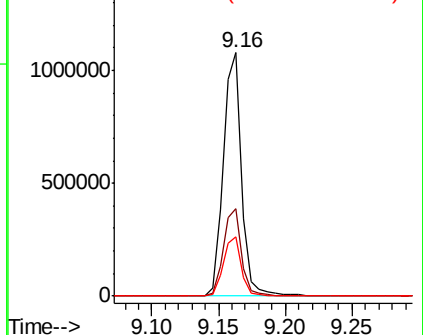


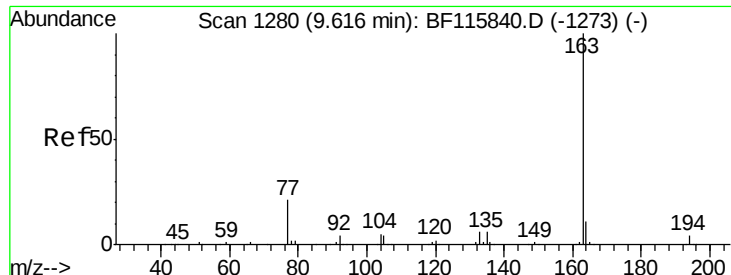
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

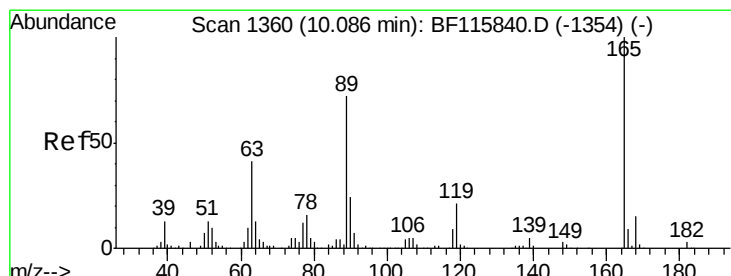
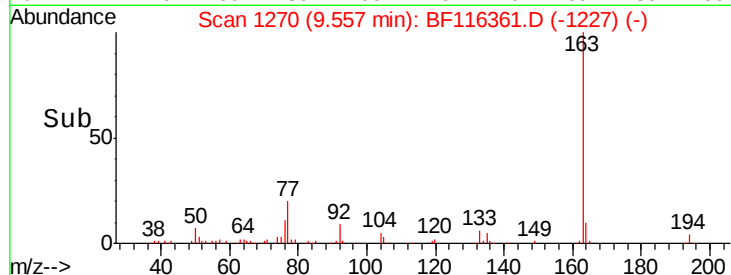
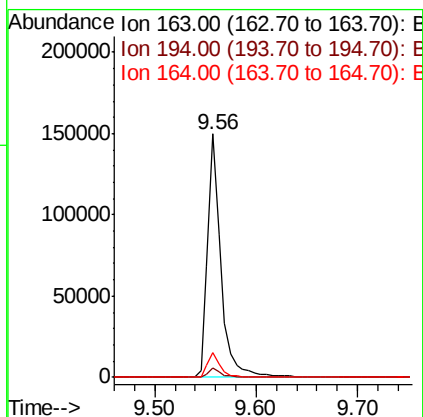
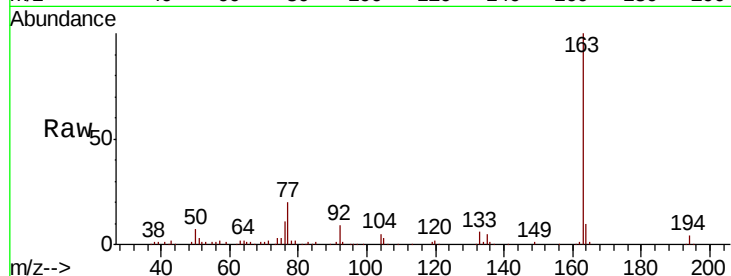
Ion 170.00 (169.70 to 170.70): E





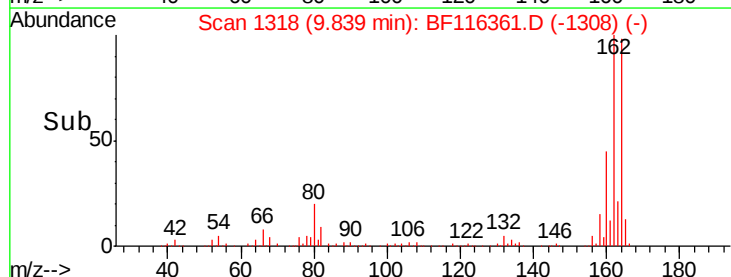
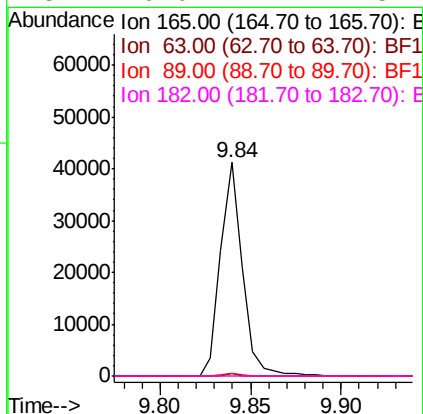
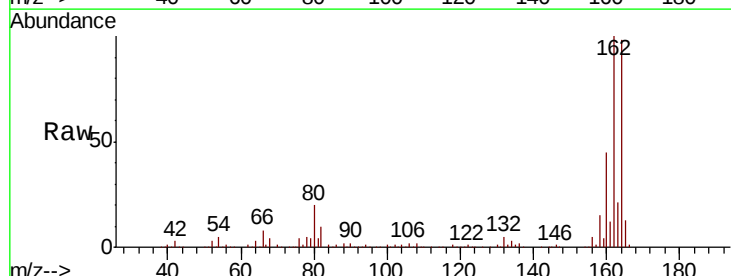
#50
Dimethylphthalate
Concen: 7.344 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.457 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.24 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

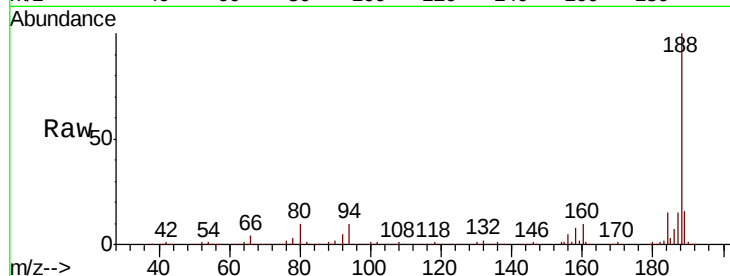
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

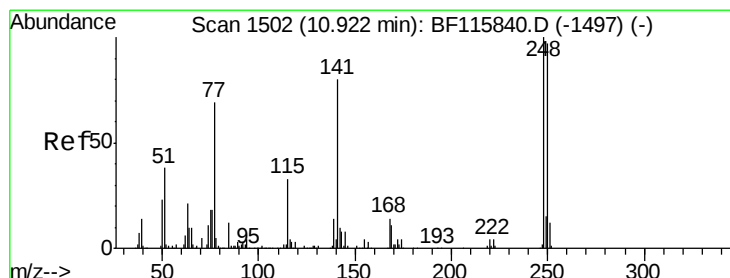
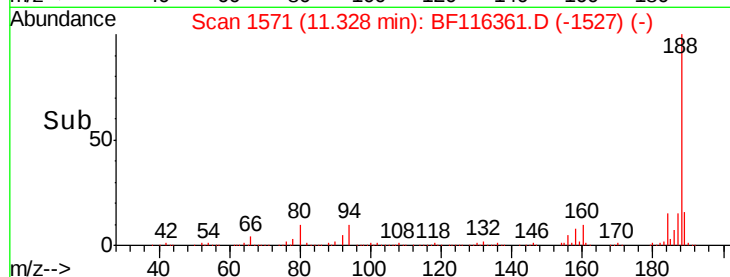
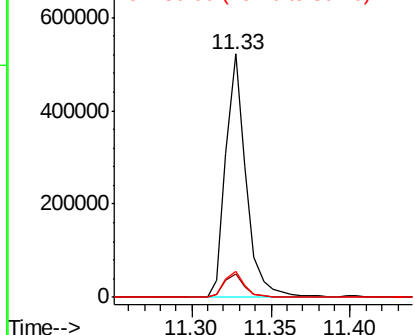
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.4	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E

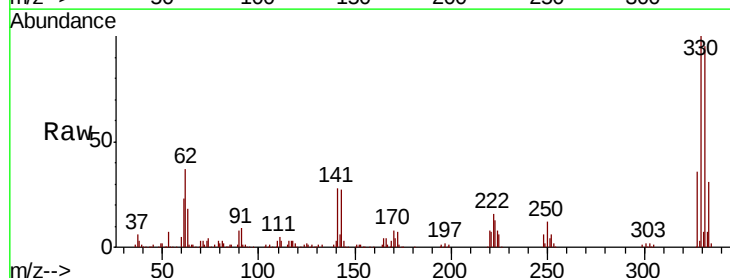
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67
4-Bromophenyl-phenylether
Concen: 3.167 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.28 min
Lab File: BF116361.D
Acq: 17 Aug 2019 16:59

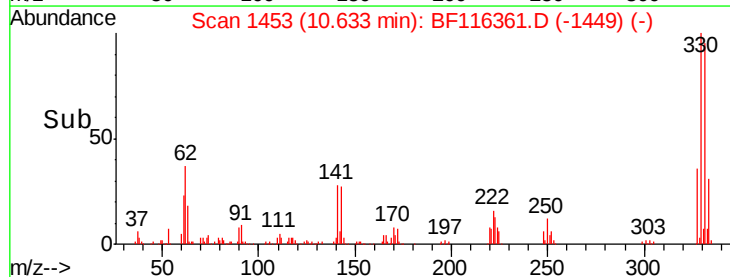
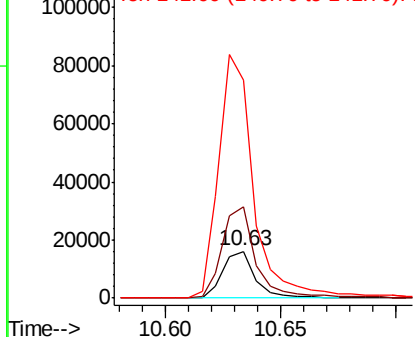
Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.4	77.4	116.2#
141	463.1	56.8	85.2#

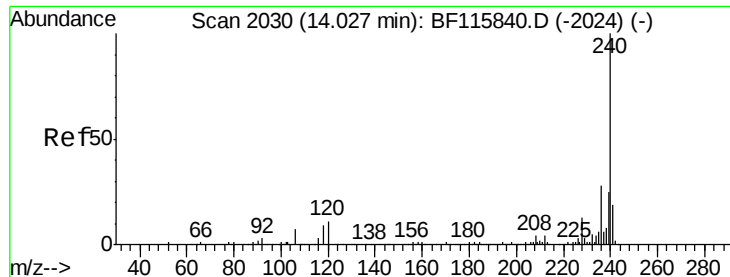


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

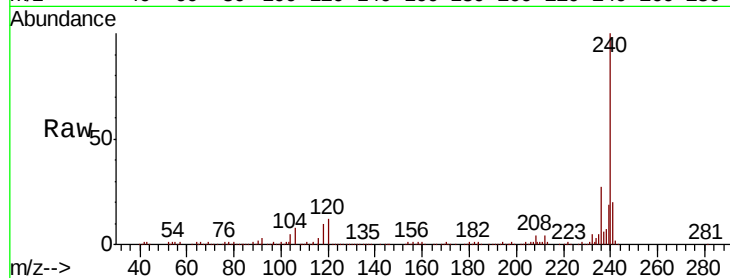
Delta R.T. -0.04 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

Tot Ion:240 Resp: 320083

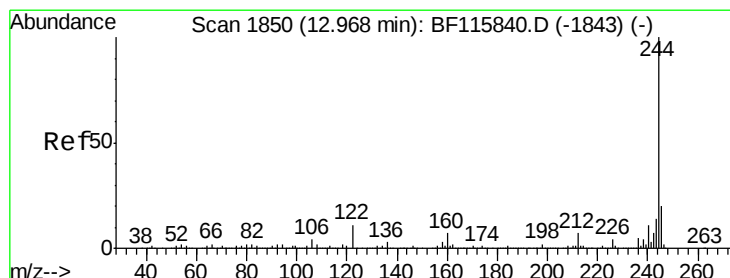
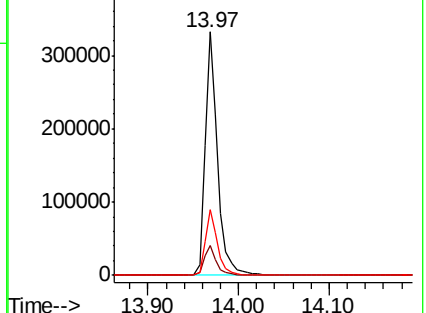
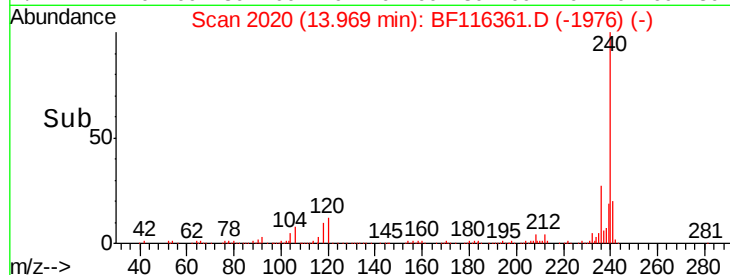
Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.7	16.1
236	27.0	22.2	33.2



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: 68.468 ng

RT: 12.90 min Scan# 1839

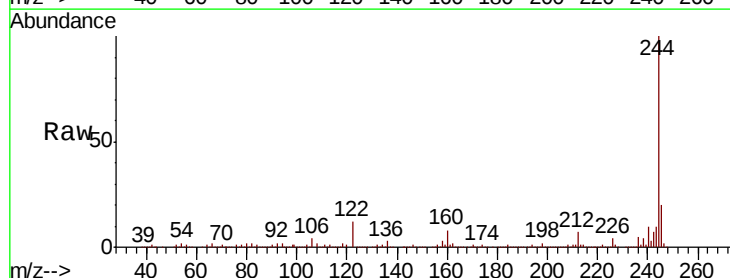
Delta R.T. -0.05 min

Lab File: BF116361.D

Acq: 17 Aug 2019 16:59

Tgt Ion:244 Resp: 1040048

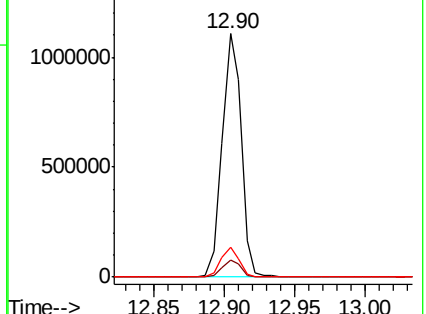
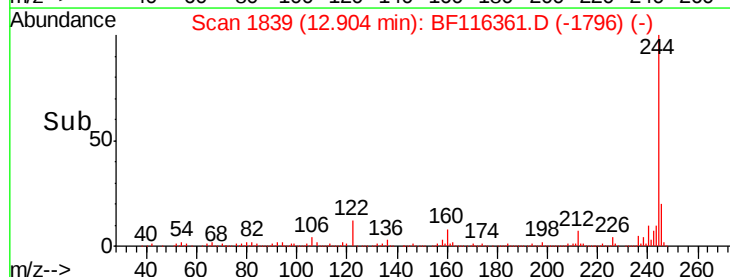
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.3	9.0	13.4

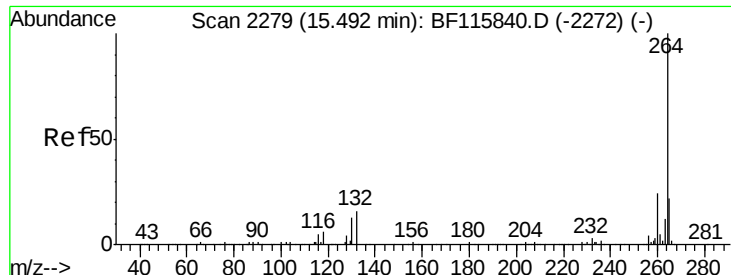


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF116361.D
 Acq: 17 Aug 2019 16:59

Tot	Ion:264	Resp:	292228
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	22.0	17.4	26.0

