

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116364.D
 Acq On : 17 Aug 2019 18:19
 Operator : HP/JU
 Sample : K4328-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

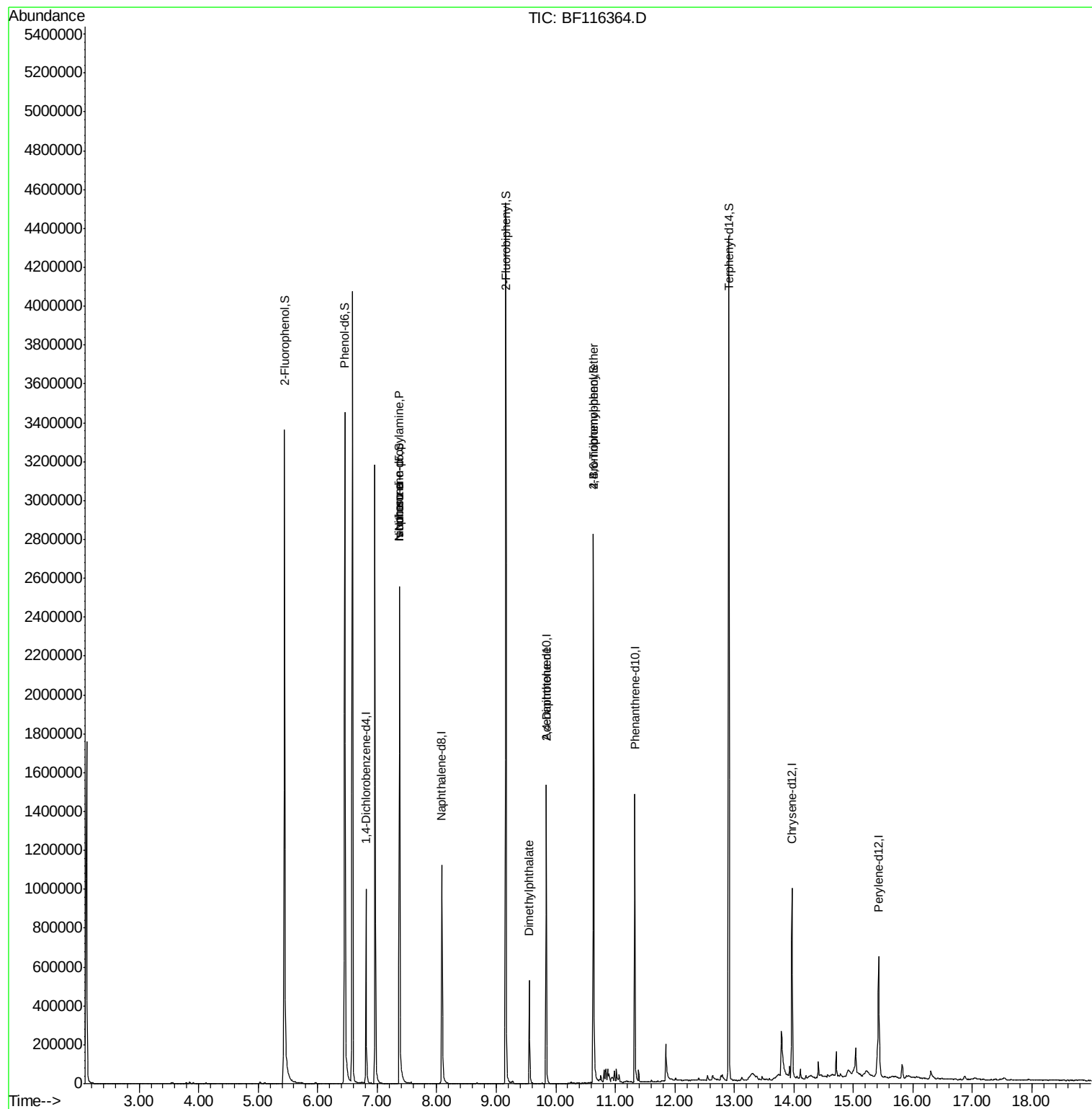
Quant Time: Aug 19 05:55:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

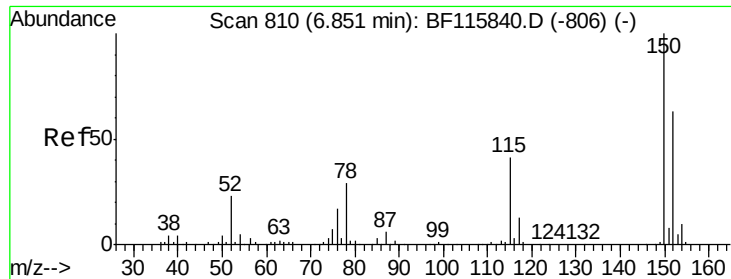
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148775	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	568239	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	296362	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	504654	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	324159	20.00	ng	-0.04
87) Perylene-d12	15.42	264	306387	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1168531	131.49	ng	-0.02
7) Phenol-d6	6.46	99	1512222	134.87	ng	-0.03
23) Nitrobenzene-d5	7.37	82	993590	100.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	388669	135.27	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1564365	98.87	ng	-0.04
79) Terphenyl-d14	12.91	244	1579537	102.68	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	131850	18.976	ng	# 79
25) Isophorone	7.37	82	993661	52.788	ng	# 65
50) Dimethylphthalate	9.56	163	226317	11.216	ng	99
57) 2,4-Dinitrotoluene	9.84	165	37723	6.461	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	24006	4.444	ng	# 1

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

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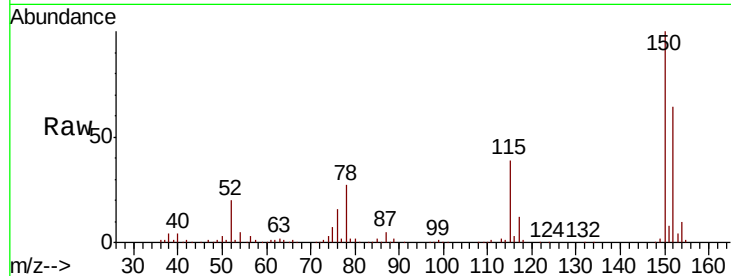




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.6	49.9	74.9

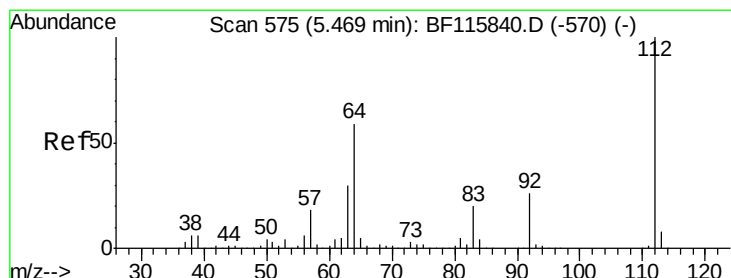
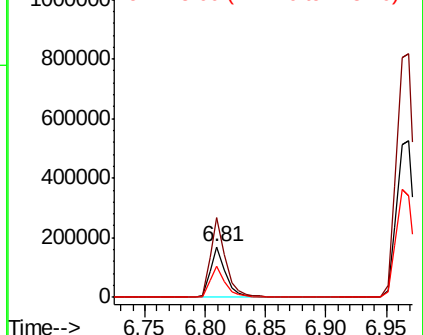
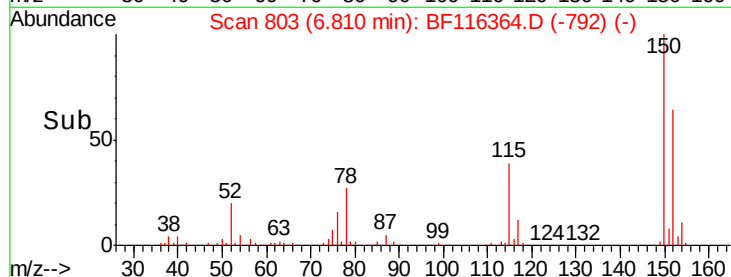


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

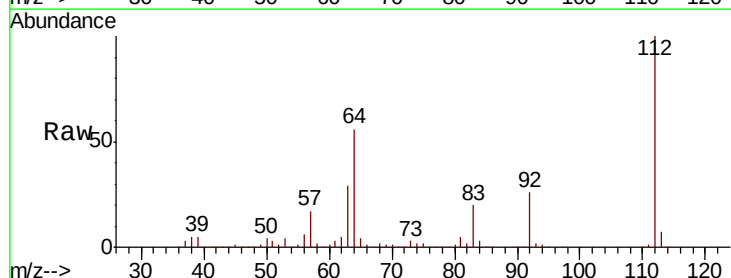
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.487 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.0	23.7	35.5

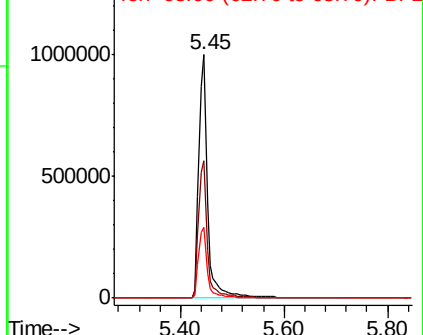
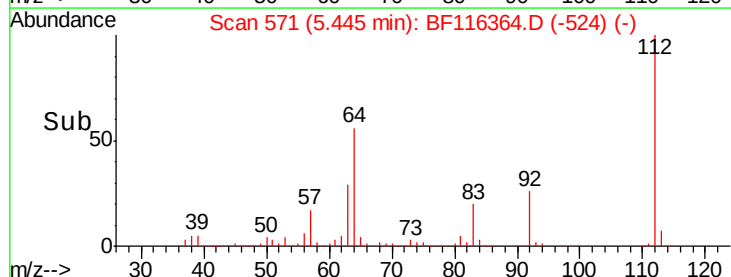


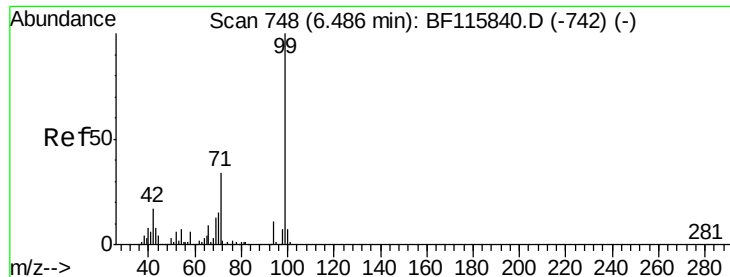
Abundance

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: 134.868 ng

RT: 6.46 min Scan# 743

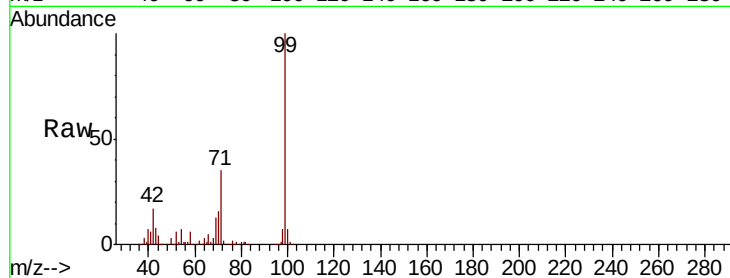
Delta R.T. -0.03 min

Lab File: BF116364.D

Acq: 17 Aug 2019 18:19

Tot Ion: 99 Resp: 1512222

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	35.3	27.3	40.9

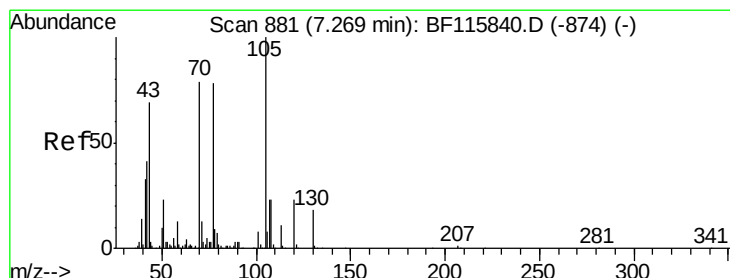
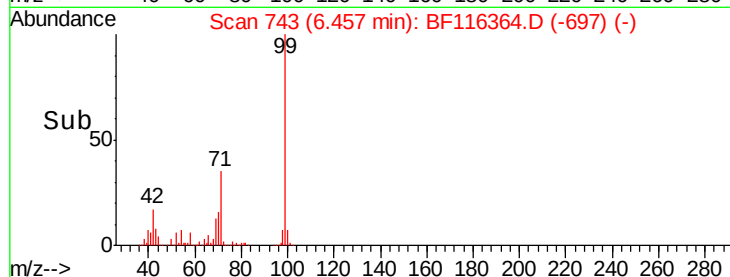
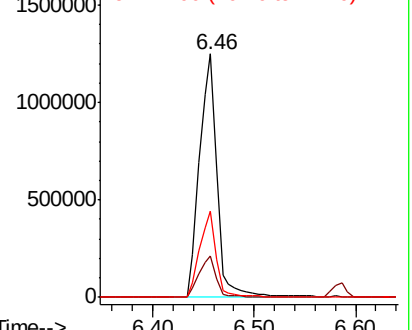


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.976 ng

RT: 7.37 min Scan# 899

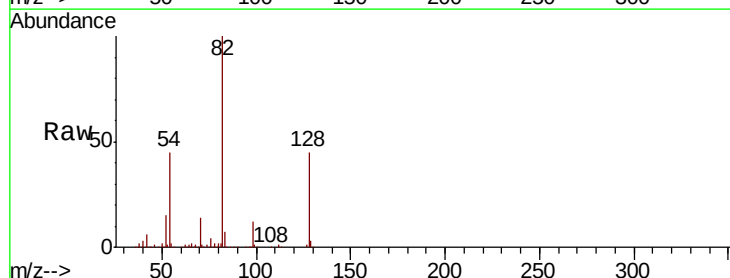
Delta R.T. 0.11 min

Lab File: BF116364.D

Acq: 17 Aug 2019 18:19

Tgt Ion: 70 Resp: 131850

Ion	Ratio	Lower	Upper
70	100		
42	42.8	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#



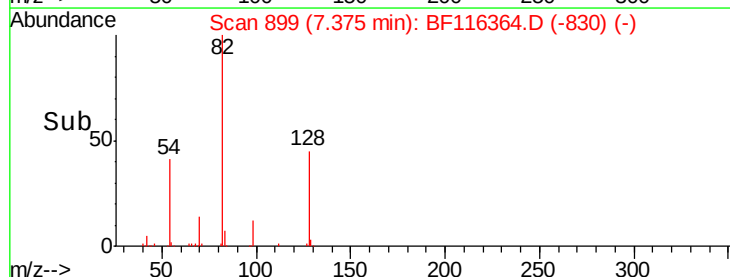
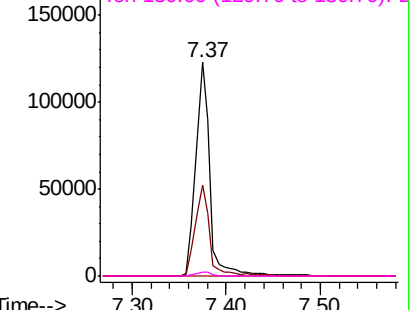
Abundance

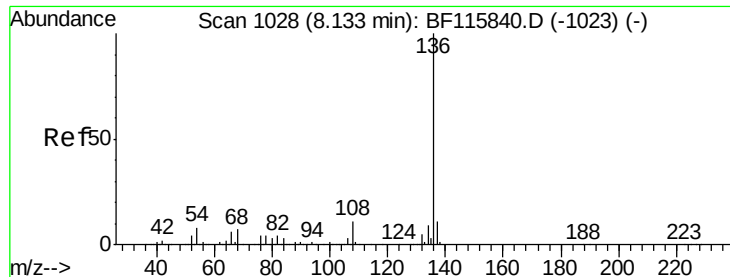
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

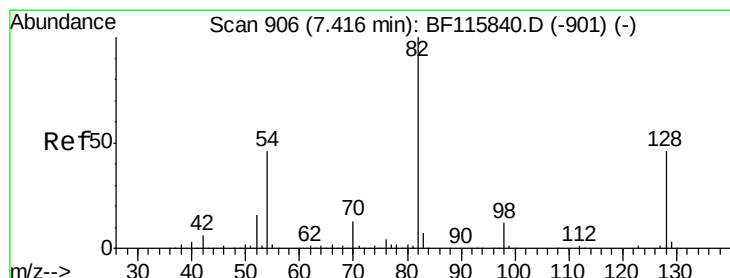
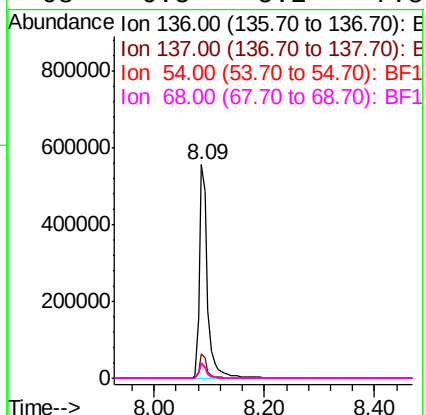
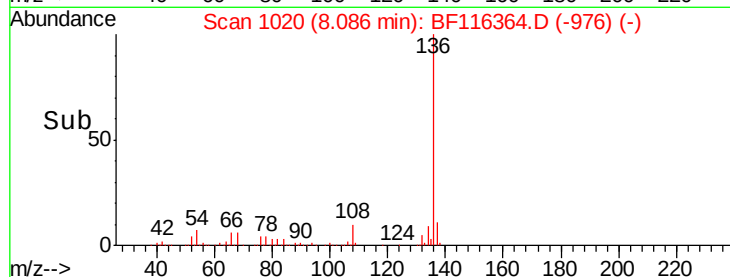
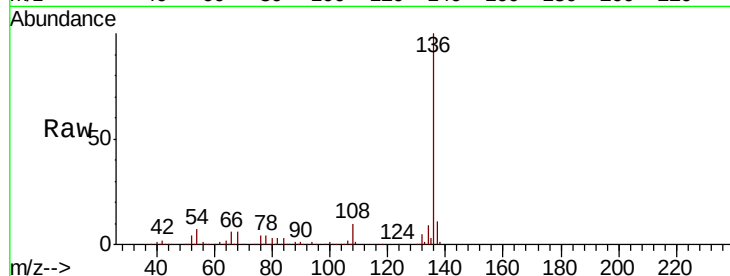
Ion 130.00 (129.70 to 130.70): BF1





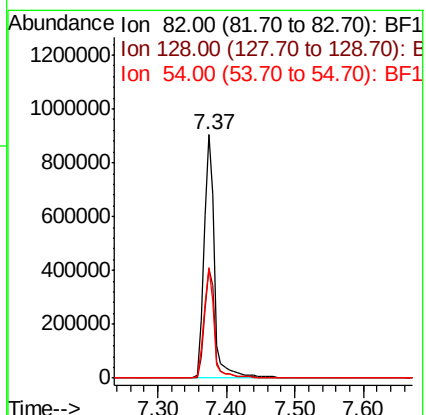
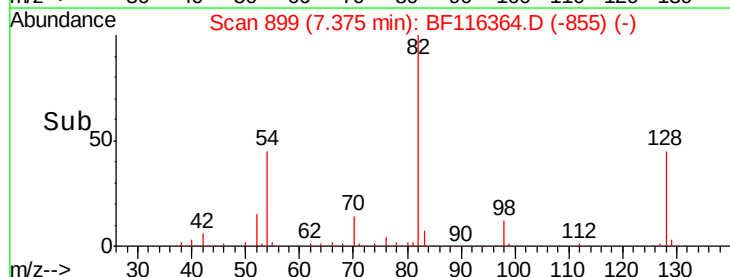
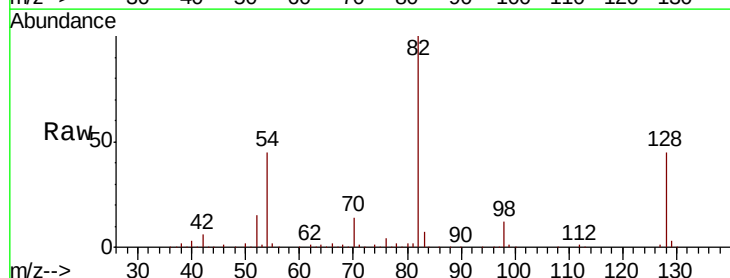
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

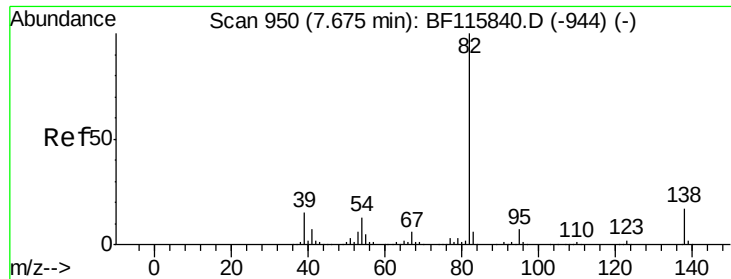
Tot Ion:136	Resp:	568239	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.0	13.4	
54 7.4	5.8	8.6	
68 6.5	5.2	7.8	



#23
Nitrobenzene-d5
Concen: 100.931 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

Tgt Ion: 82	Resp: 993590
Ion Ratio	Lower Upper
82 100	
128 44.9	36.5 54.7
54 45.1	36.0 54.0





#25

Isophorone

Concen: 52.788 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.30 min

Lab File: BF116364.D

Acq: 17 Aug 2019 18:19

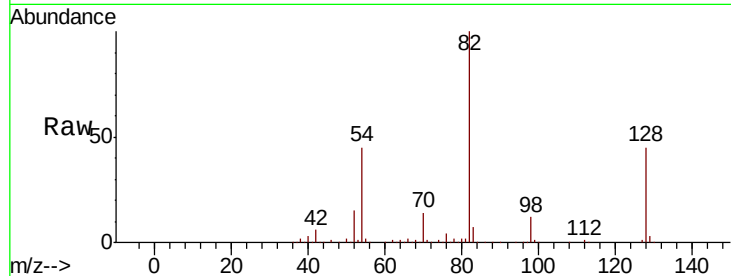
Tot Ion: 82 Resp: 993661

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

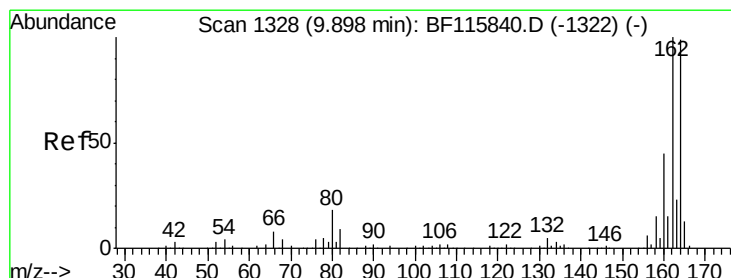
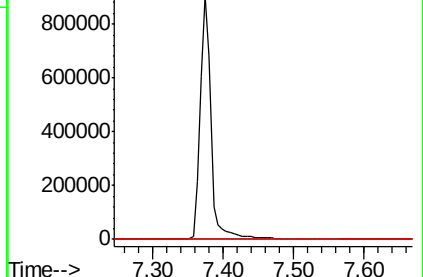
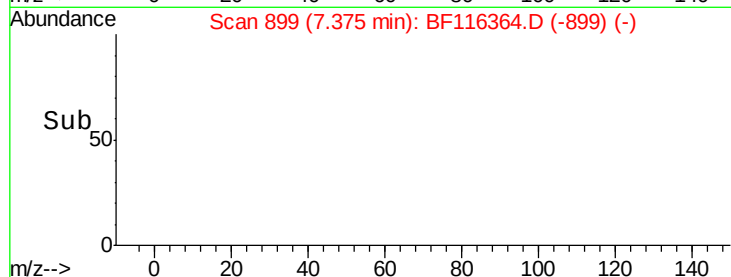
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF116364.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF116364.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF116364.D (-899) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116364.D

Acq: 17 Aug 2019 18:19

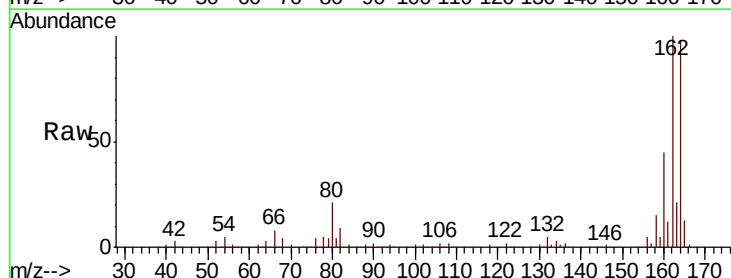
Tgt Ion: 164 Resp: 296362

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

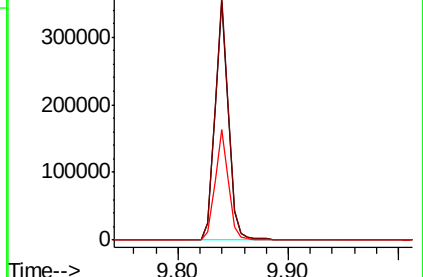
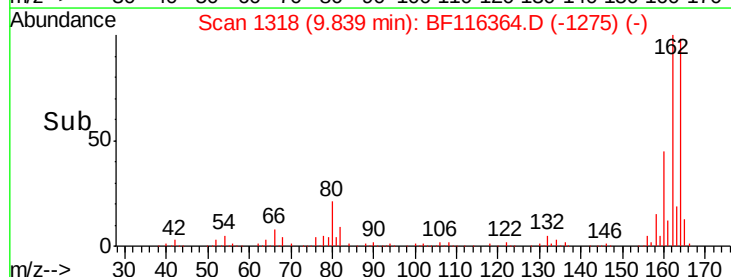
160 46.2 37.6 56.4

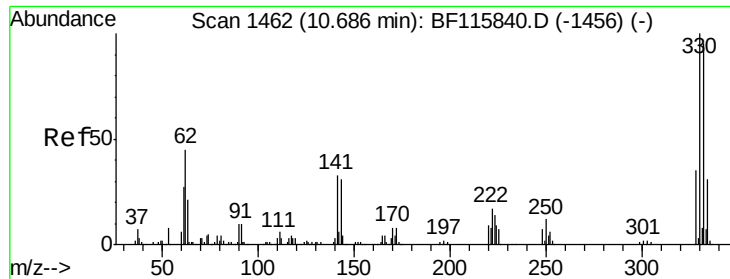


Abundance Ion 164.00 (163.70 to 164.70): BF116364.D (-1275) (-)

Ion 162.00 (161.70 to 162.70): BF116364.D (-1275) (-)

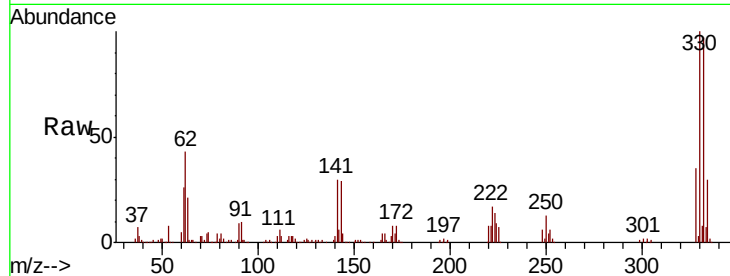
Ion 160.00 (159.70 to 160.70): BF116364.D (-1275) (-)





#42
 2,4,6-Tribromophenol
 Concen: 135.269 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.04 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	32.3	26.3	39.5

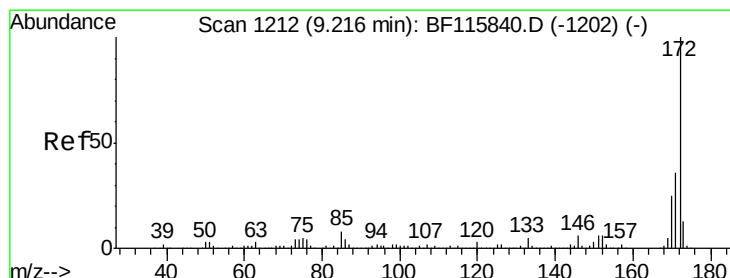
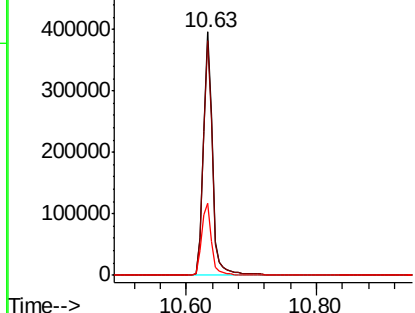
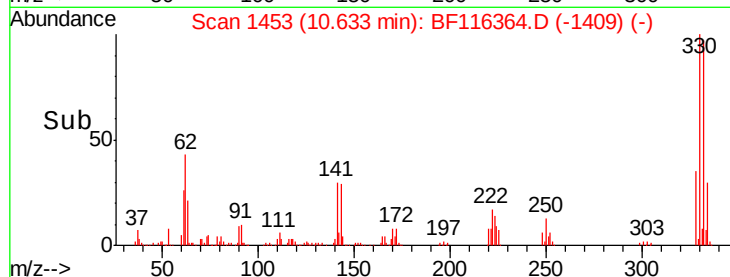


Abundance

Ion 329.80 (329.50 to 330.50): E

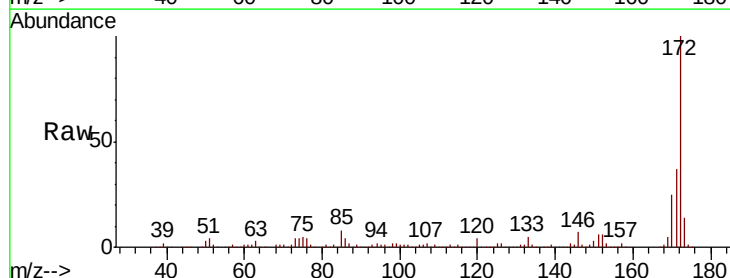
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.871 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.0	20.1	30.1

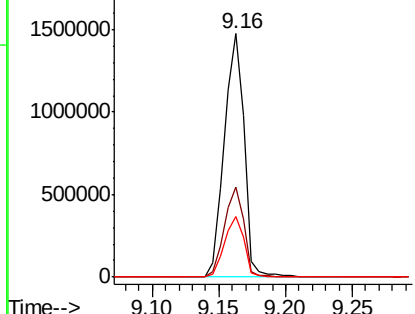
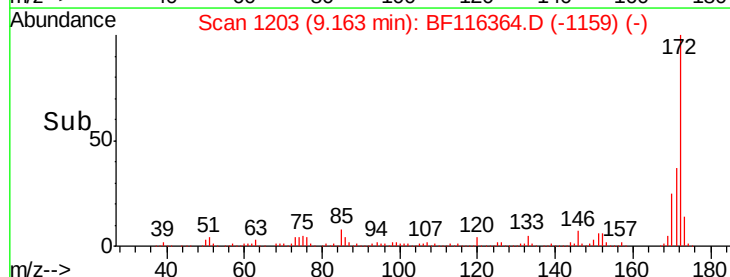


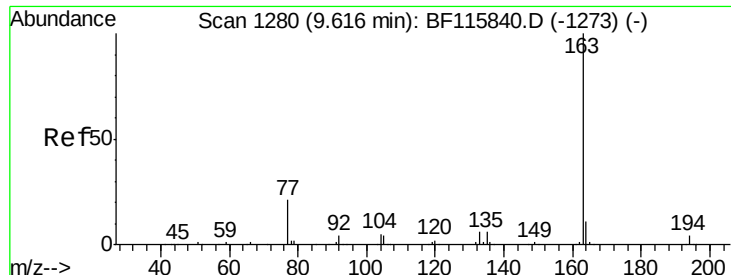
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

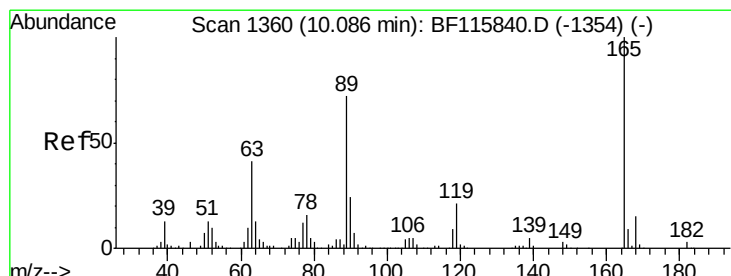
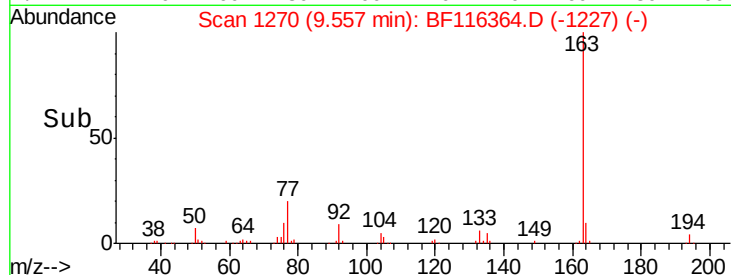
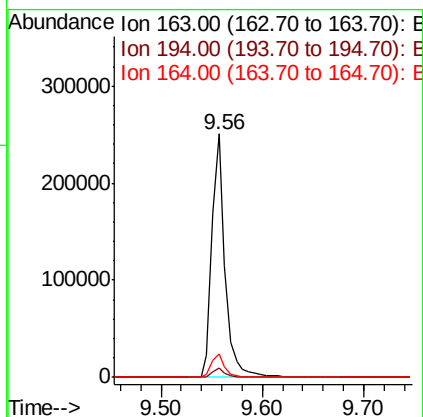
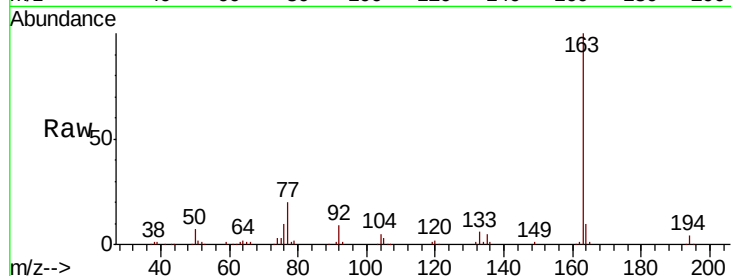
Ion 170.00 (169.70 to 170.70): E





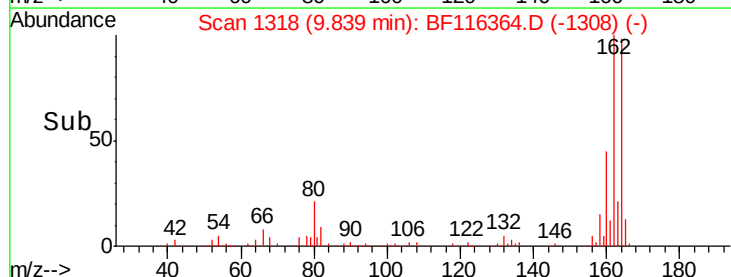
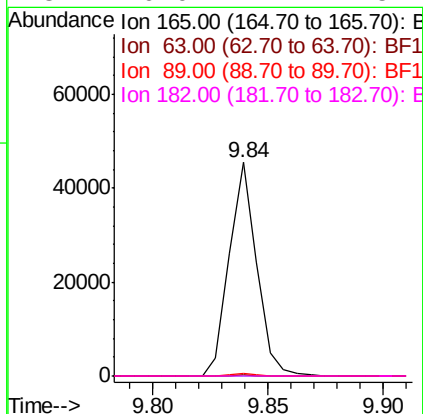
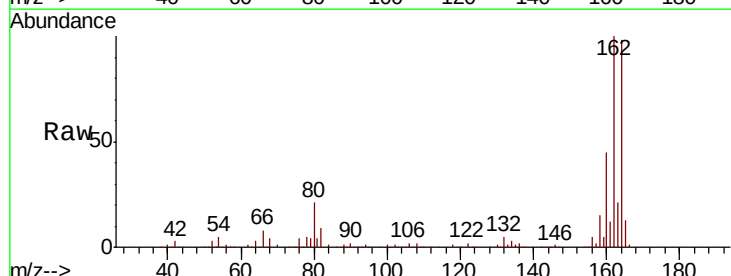
#50
Dimethylphthalate
Concen: 11.216 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

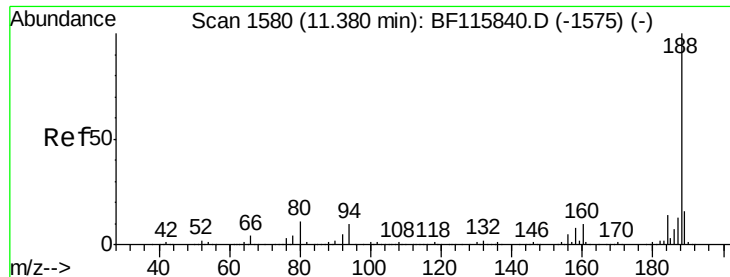
Tot Ion	163	Resp:	226317
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.8	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.24 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

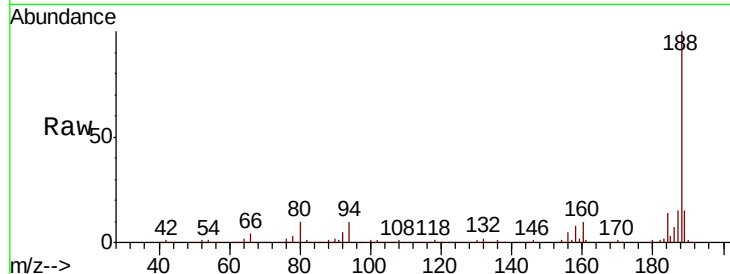
Tgt	Ion:165	Resp:	37723
Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



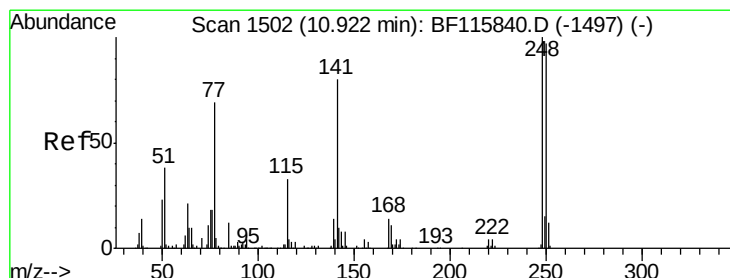
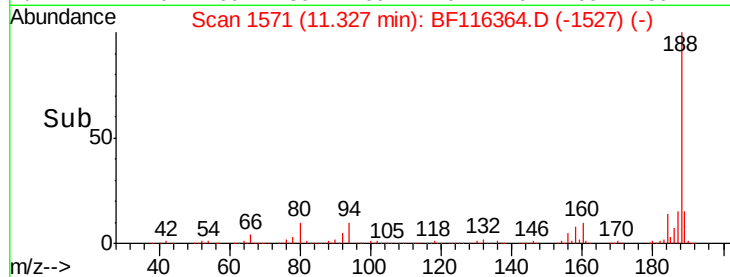
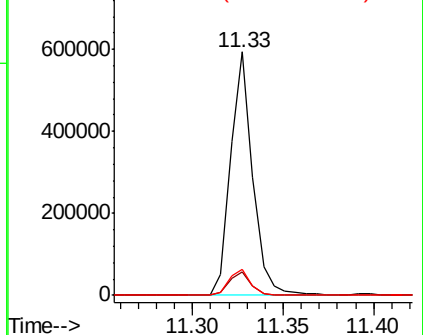


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.04 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

Tot Ion:188	Resp: 504654
Ion Ratio	Lower Upper
188 100	
94 9.8	8.1 12.1
80 10.4	8.7 13.1

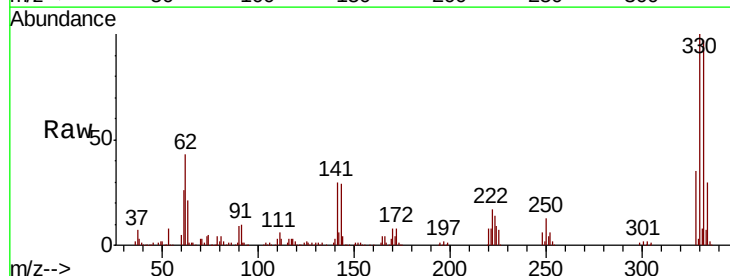


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

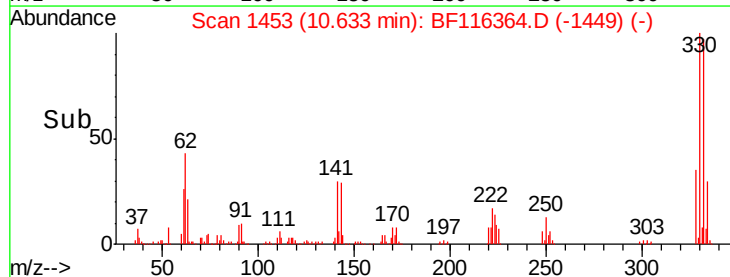
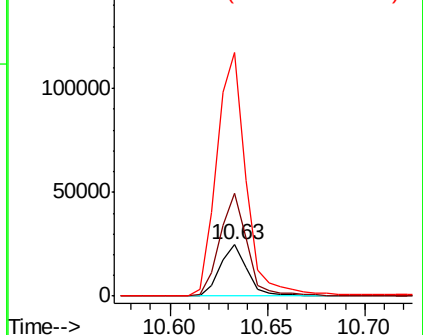


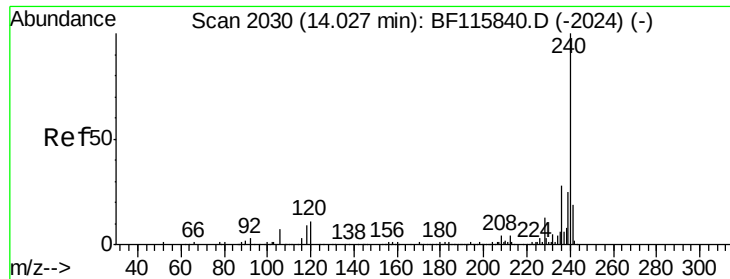
#67
 4-Bromophenyl-phenylether
 Concen: 4.444 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.28 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

Tgt	Ion:248	Resp:	24006
Ion	Ratio	Lower	Upper
248	100		
250	200.3	77.4	116.2#
141	473.6	56.8	85.2#



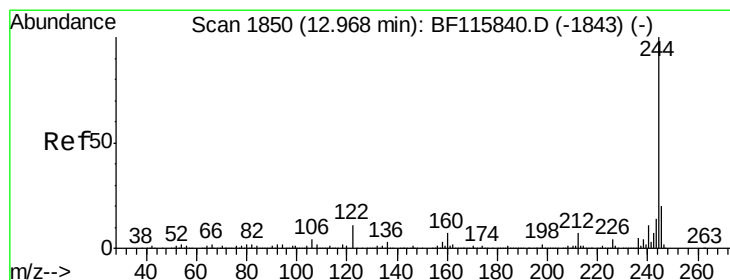
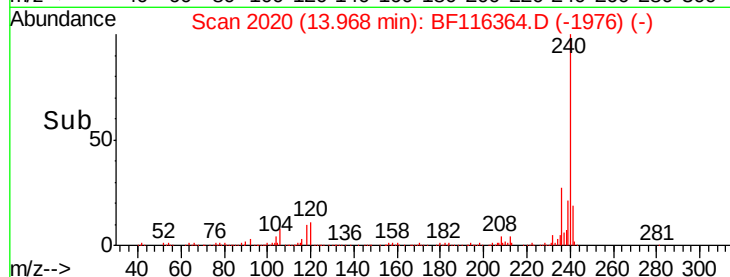
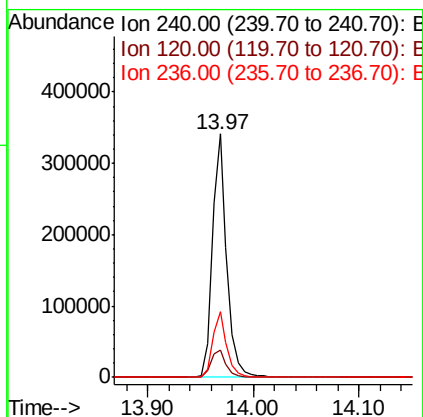
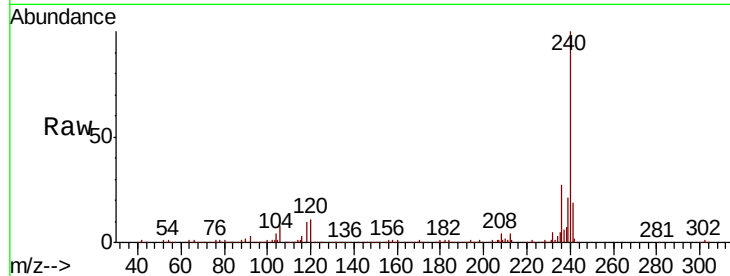
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





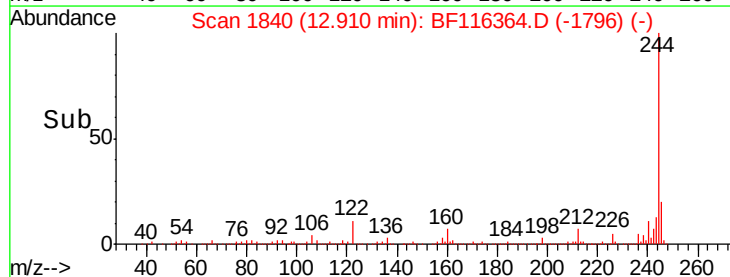
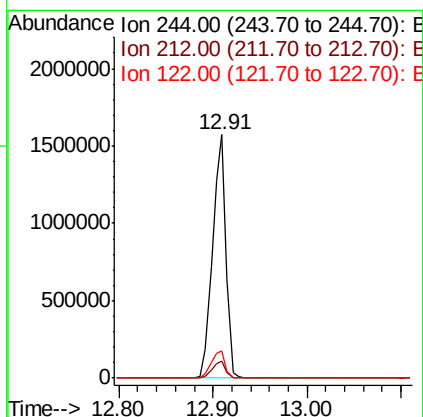
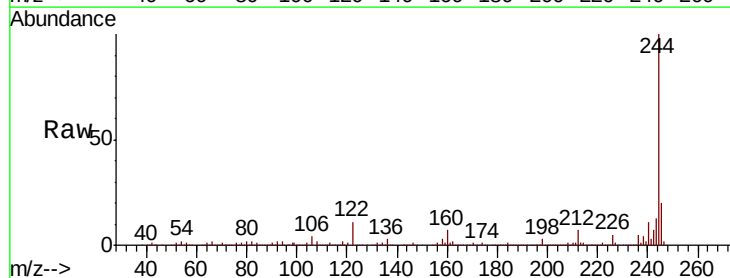
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.04 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

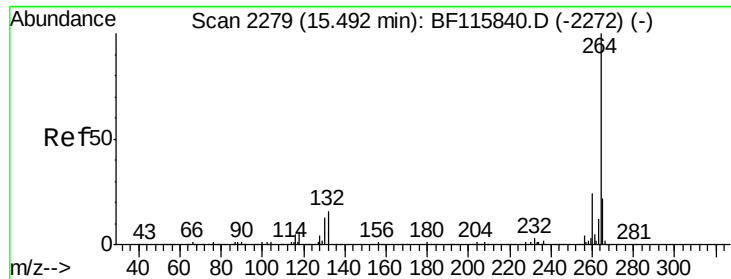
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.7	16.1
236	27.0	22.2	33.2



#79
 Terphenyl-d14
 Concen: 102.676 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116364.D
 Acq: 17 Aug 2019 18:19

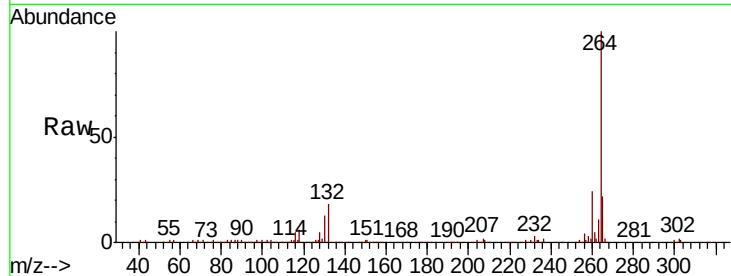
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF116364.D
Acq: 17 Aug 2019 18:19

Tot	Ion:264	Resp:	306387
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.6	17.4	26.0



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

