

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116356.D
 Acq On : 17 Aug 2019 14:44
 Operator : HP/JU
 Sample : K4391-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

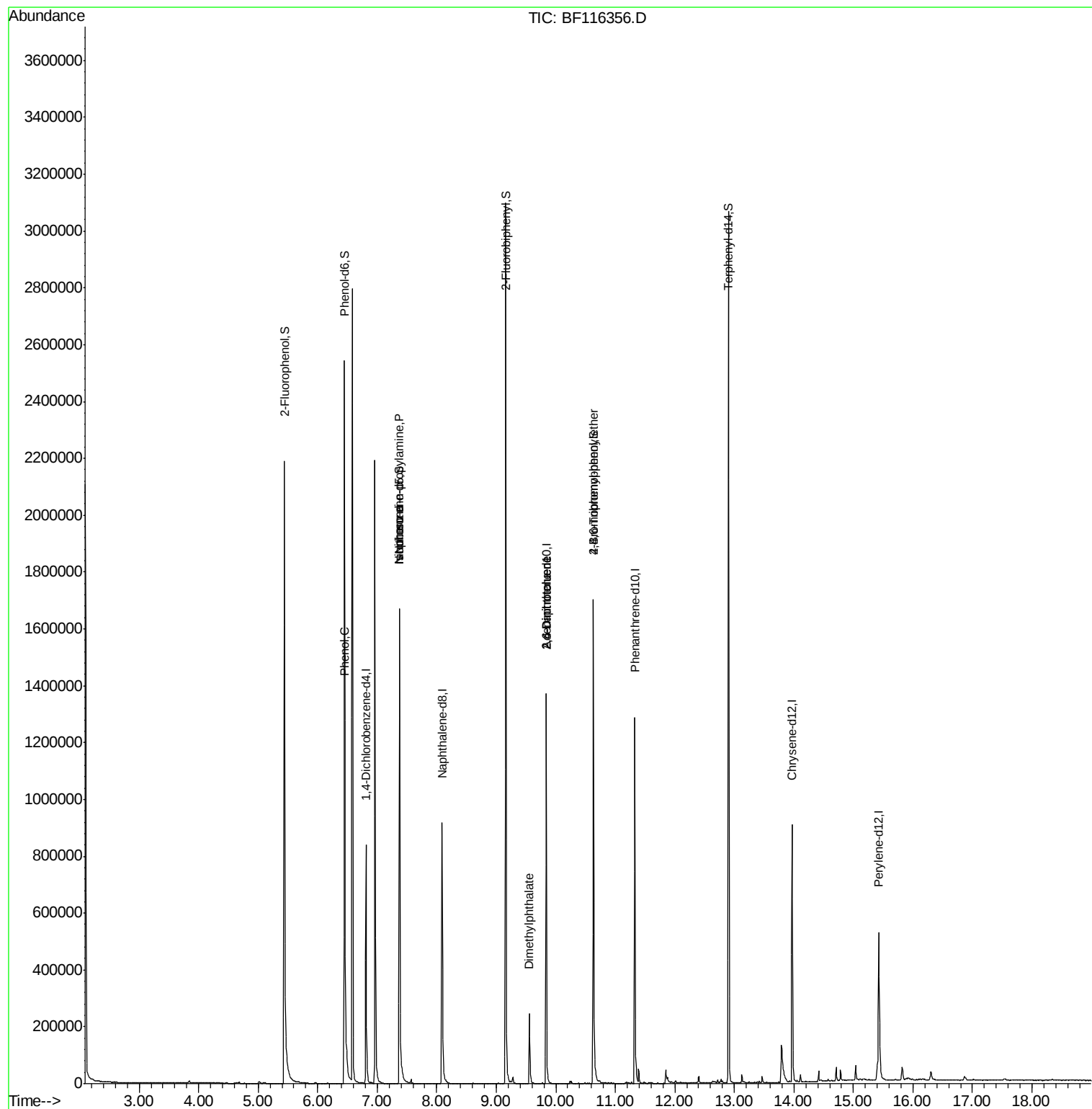
Quant Time: Aug 19 05:54:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130428	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	511730	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	268946	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	466462	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	319611	20.00	ng	-0.04
87) Perylene-d12	15.43	264	290826	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	767264	98.48	ng	-0.03
7) Phenol-d6	6.45	99	968250	98.50	ng	-0.04
23) Nitrobenzene-d5	7.37	82	622855	70.26	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	244503	93.77	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	1023422	71.28	ng	-0.04
79) Terphenyl-d14	12.90	244	1018549	67.15	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	44717	3.863	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	81038	13.304	ng	# 78
25) Isophorone	7.37	82	616753	36.383	ng	# 65
50) Dimethylphthalate	9.56	163	113210	6.182	ng	99
51) 2,6-Dinitrotoluene	9.84	165	34526	8.676	ng	# 29
57) 2,4-Dinitrotoluene	9.84	165	34526	6.516	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	14940	2.992	ng	# 1

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

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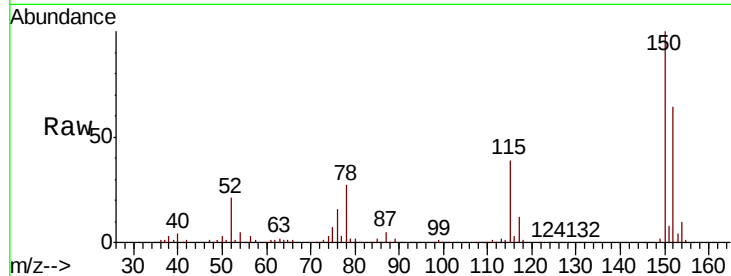




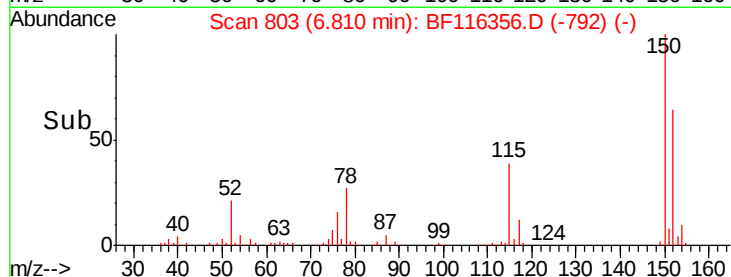
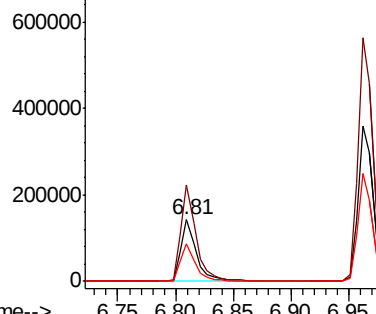
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.0	49.9	74.9



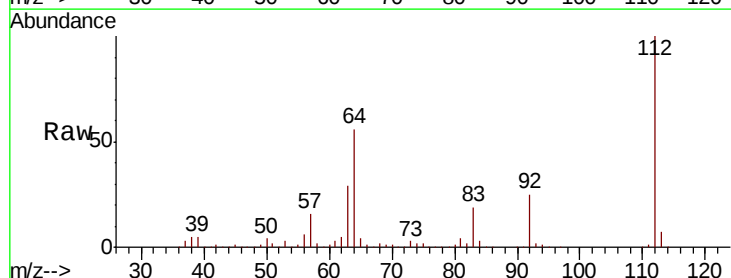
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



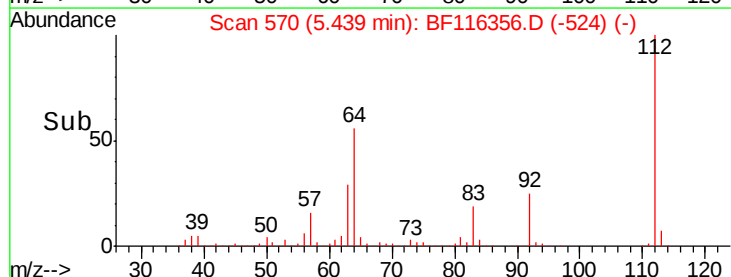
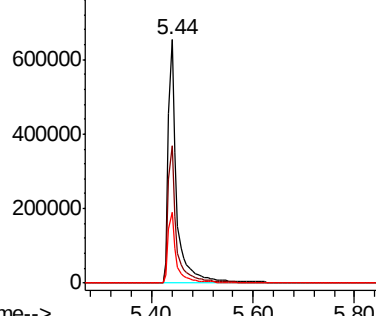
#5

2-Fluorophenol
Concen: 98.479 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	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: 98.501 ng

RT: 6.45 min Scan# 742

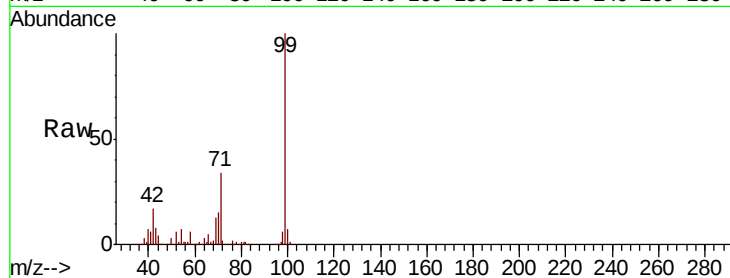
Delta R.T. -0.04 min

Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

Tot Ion: 99 Resp: 968250

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.8
71	34.0	27.3	40.9

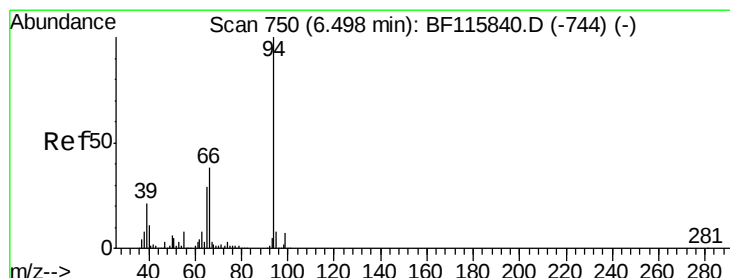
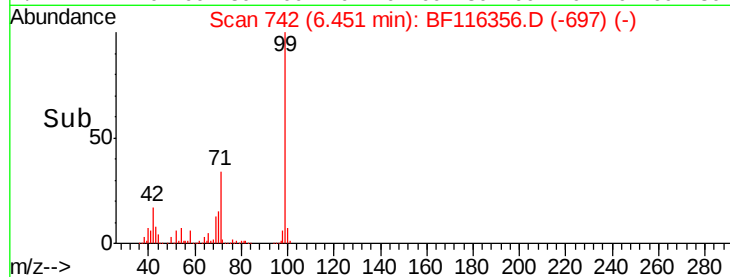


Abundance

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: 3.863 ng

RT: 6.46 min Scan# 744

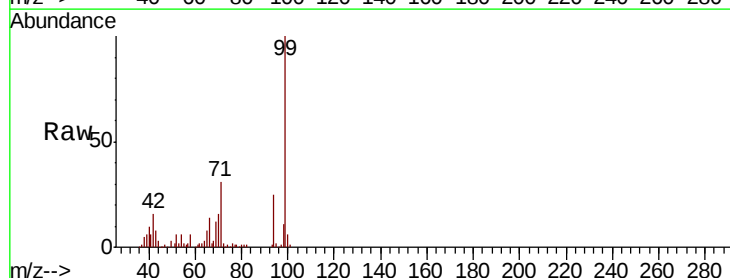
Delta R.T. -0.04 min

Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

Tgt Ion: 94 Resp: 44717

Ion	Ratio	Lower	Upper
94	100		
65	31.6	16.8	56.8
66	55.7	34.2	74.2

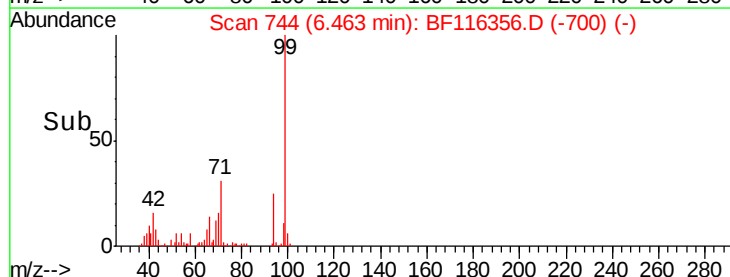


Abundance

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





#19

n-Nitroso-di-n-propylamine

Concen: 13.304 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.11 min

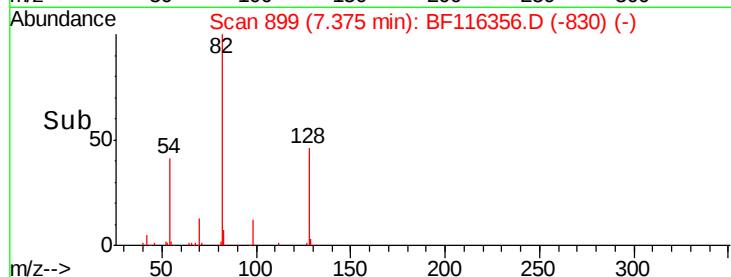
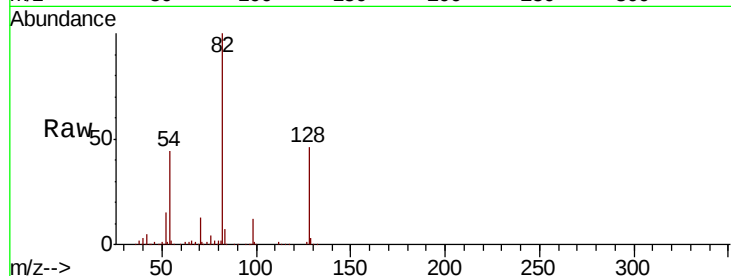
Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

Tot Ion: 70 Resp: 81038

Ion Ratio Lower Upper

70	100		
42	41.2	40.9	61.3
101	0.0	7.9	11.9#
130	2.7	16.9	25.3#



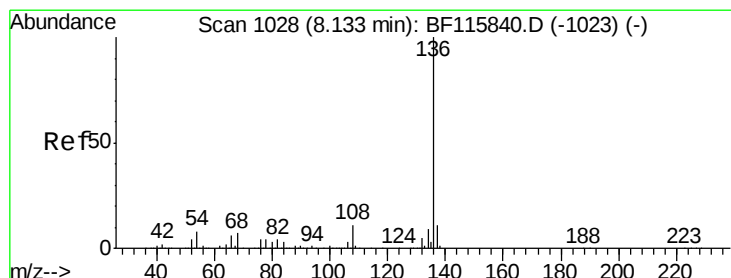
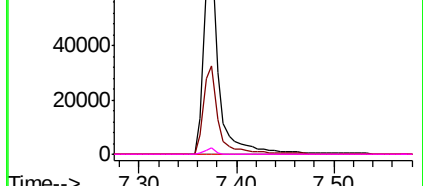
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.04 min

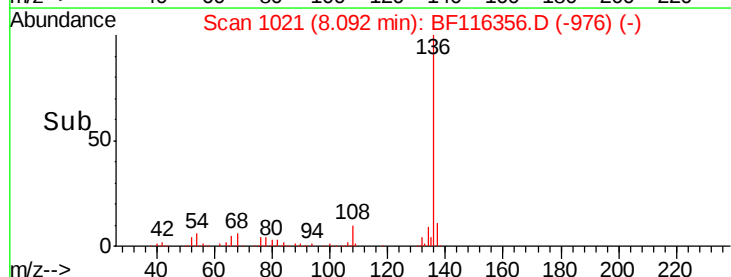
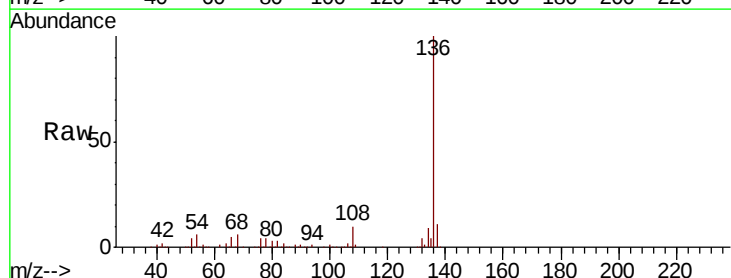
Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

Tgt Ion: 136 Resp: 511730

Ion Ratio Lower Upper

136	100		
137	10.7	9.0	13.4
54	6.5	5.8	8.6
68	6.1	5.2	7.8



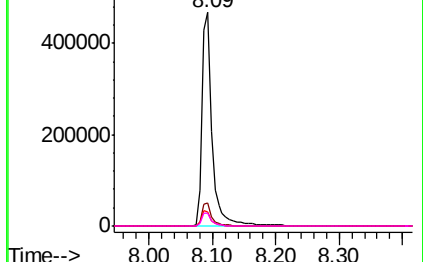
Abundance Ion 136.00 (135.70 to 136.70): BF1

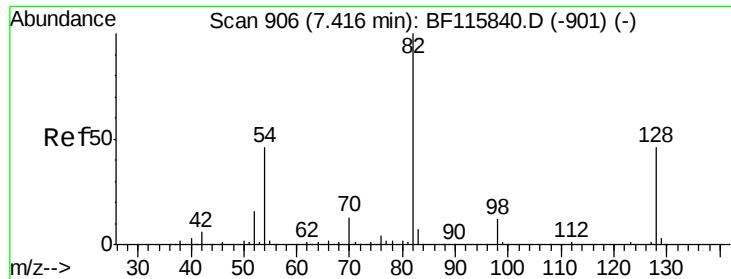
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

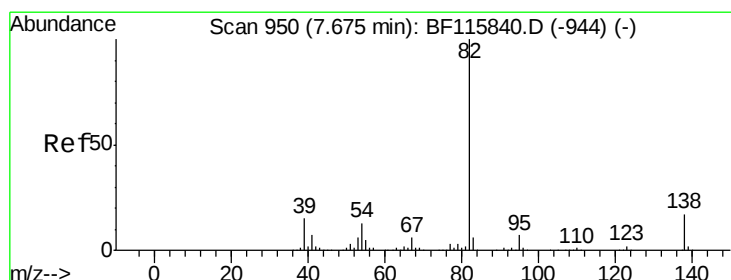
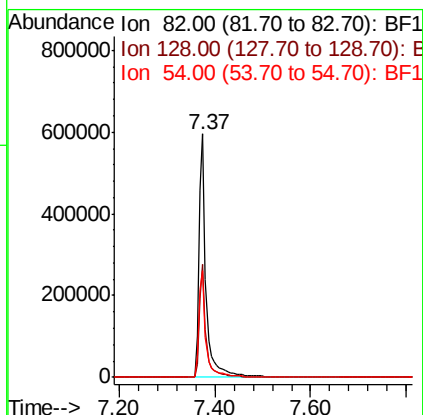
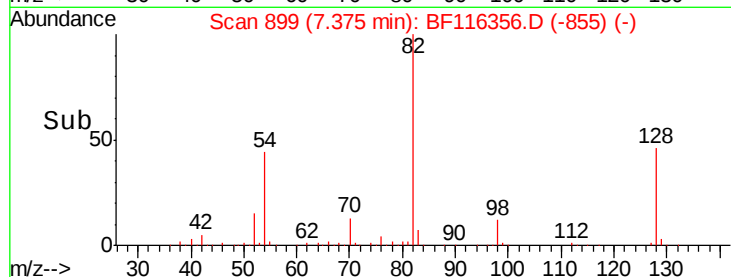
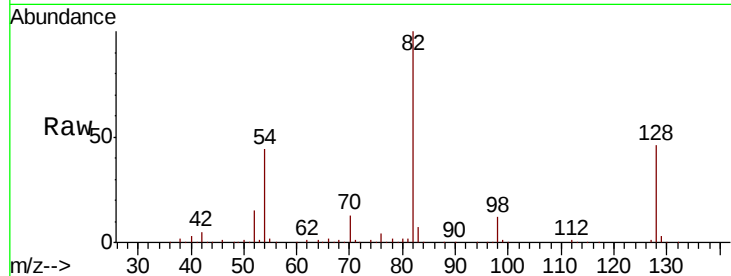
Time-->





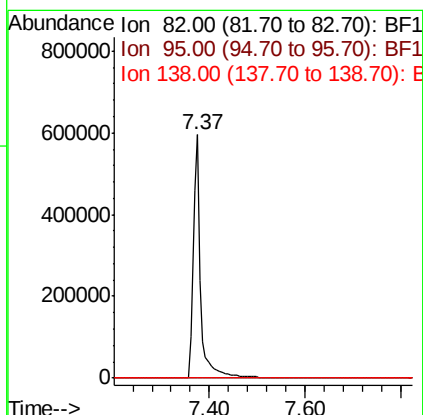
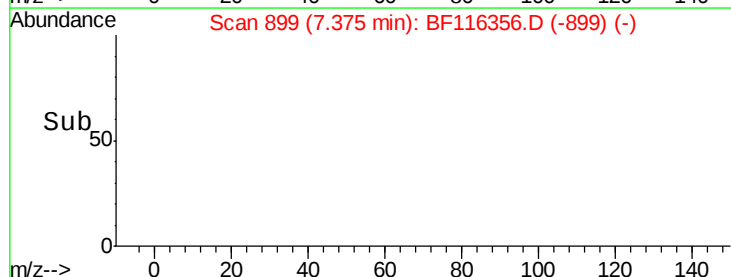
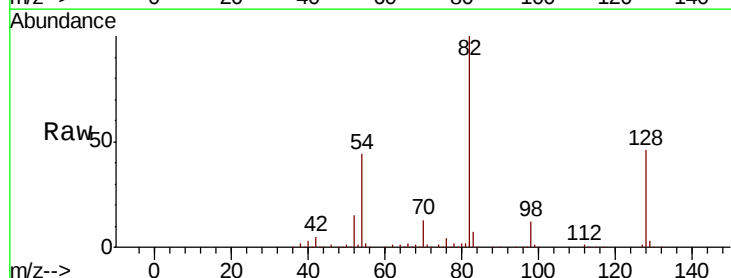
#23
Nitrobenzene-d5
Concen: 70.258 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

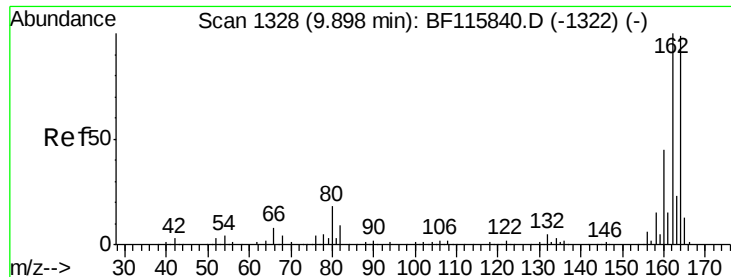
Tot Ion	82	Resp	622855
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	44.0	36.0	54.0



#25
Isophorone
Concen: 36.383 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.30 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

Tgt Ion	82	Resp	616753
Ion Ratio	100		
Lower	5.4		
Upper	8.0#		
95	0.0	14.5	21.7#
138	0.0		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

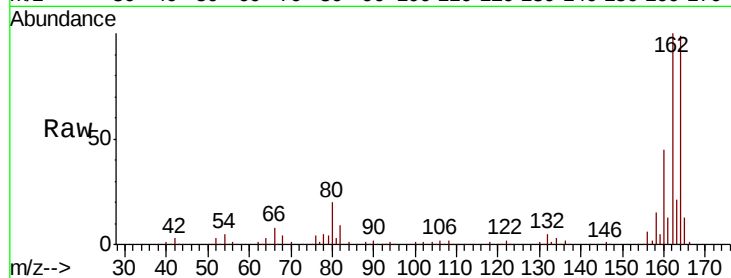
Tot Ion:164 Resp: 268946

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

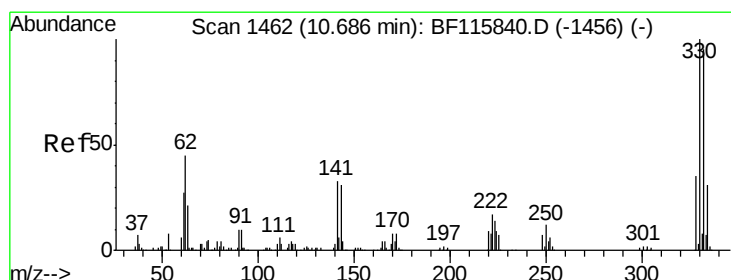
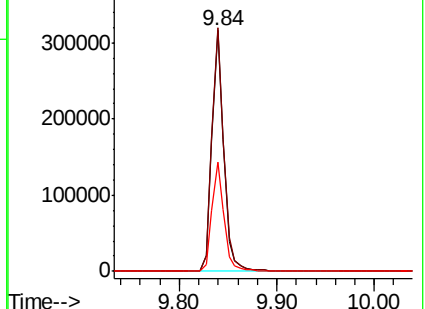
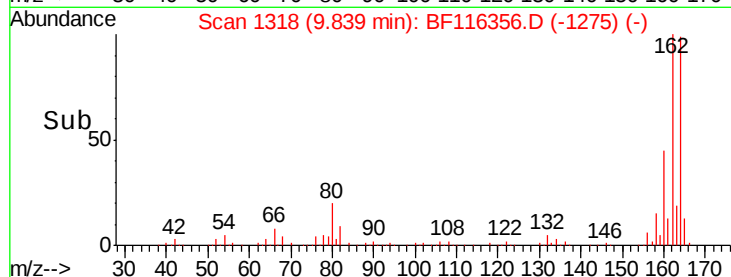
160 45.5 37.6 56.4



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: 93.769 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116356.D

Acq: 17 Aug 2019 14:44

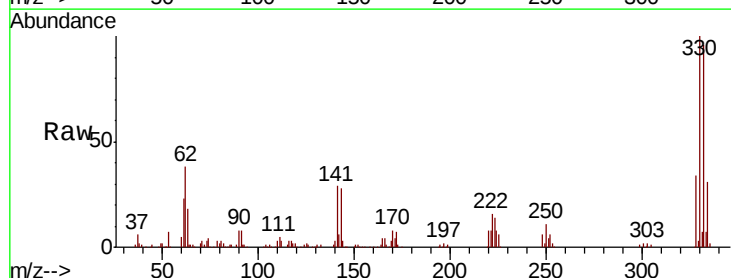
Tgt Ion:330 Resp: 244503

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

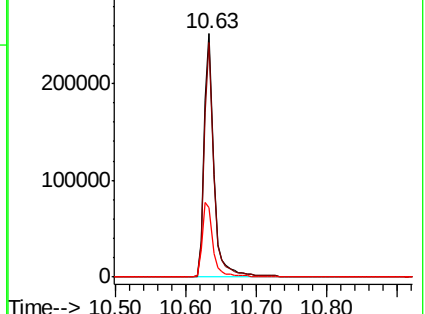
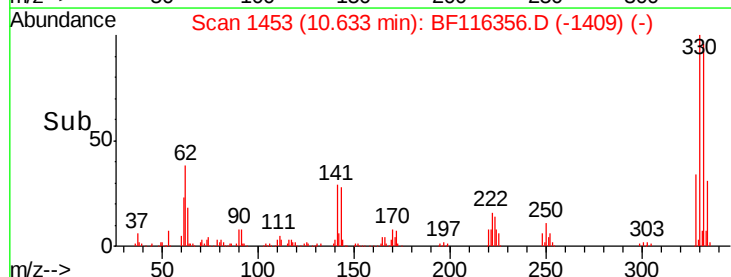
141 34.1 26.3 39.5



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

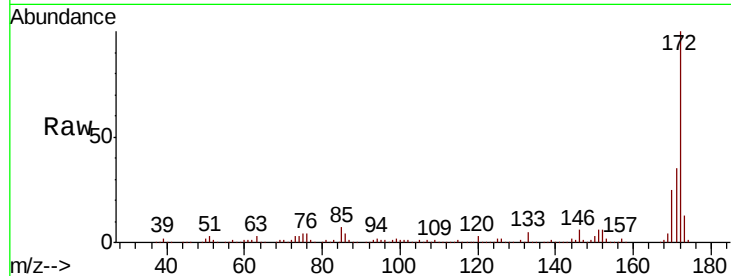




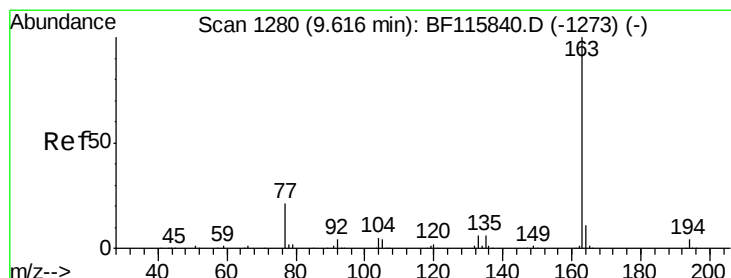
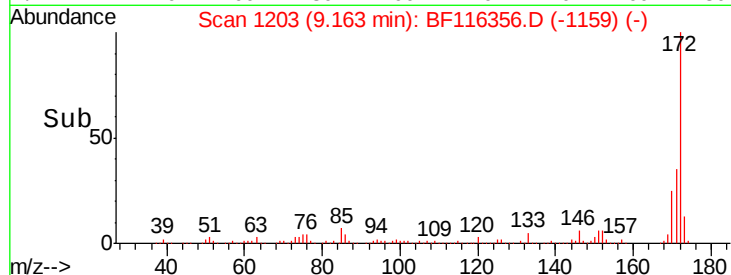
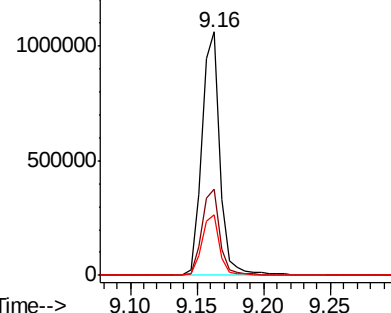
#45
2-Fluorobiphenyl
Concen: 71.276 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

Tot Ion:172 Resp: 1023422

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.8	20.1	30.1



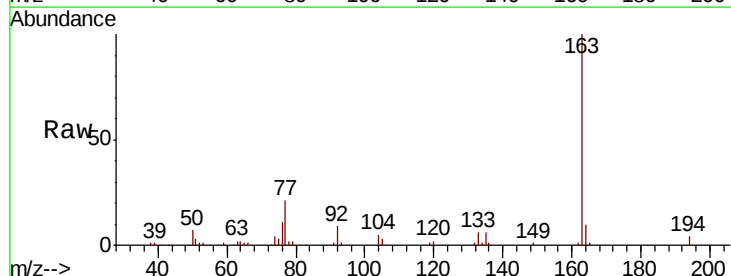
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



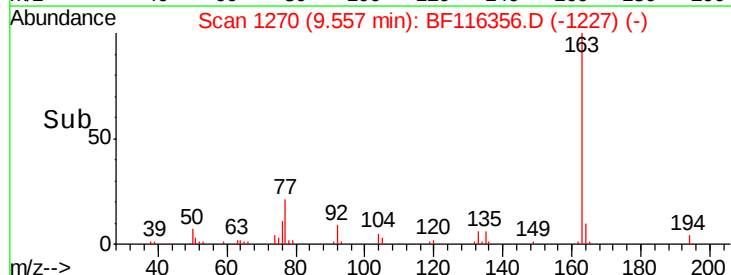
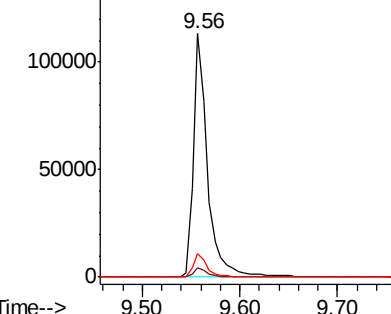
#50
Dimethylphthalate
Concen: 6.182 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

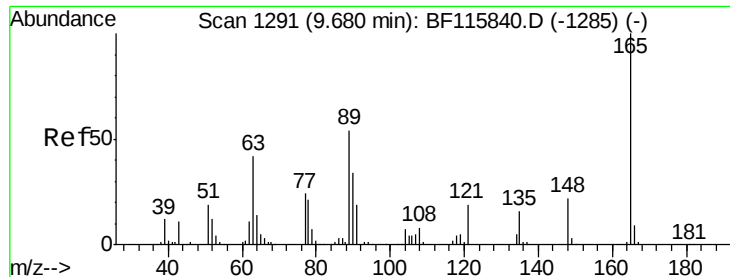
Tgt Ion:163 Resp: 113210

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.8	8.4	12.6



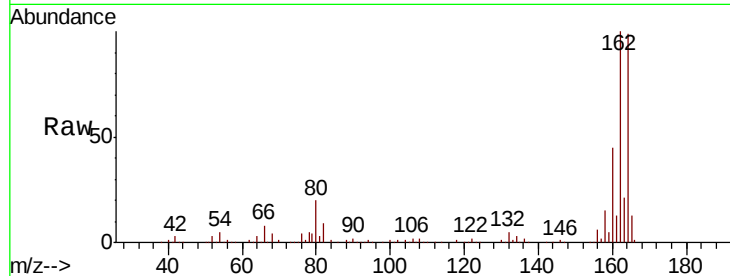
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51
 2,6-Dinitrotoluene
 Concen: 8.676 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.16 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

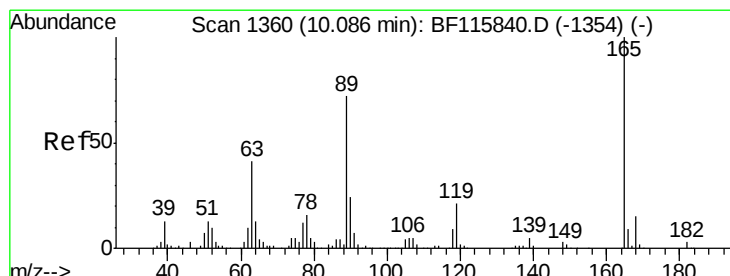
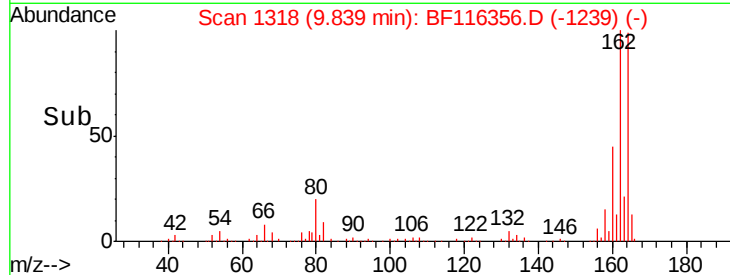
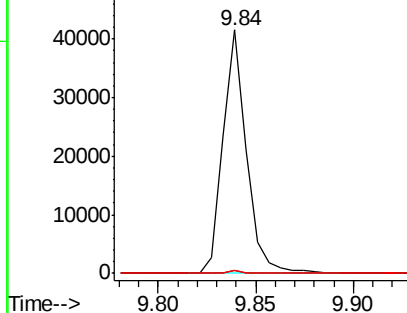
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.3	42.9	64.3#



Abundance Ion 165.00 (164.70 to 165.70): E

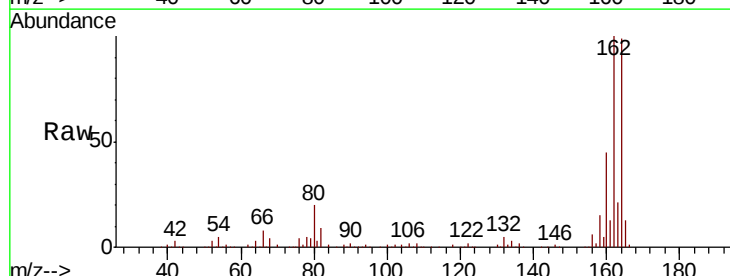
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.516 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.24 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

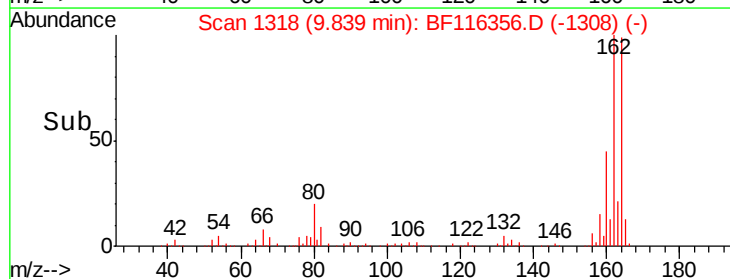
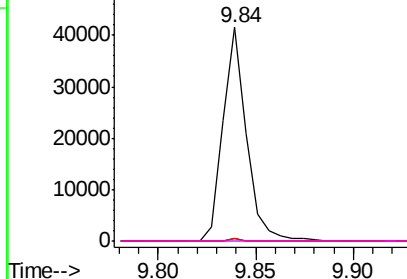


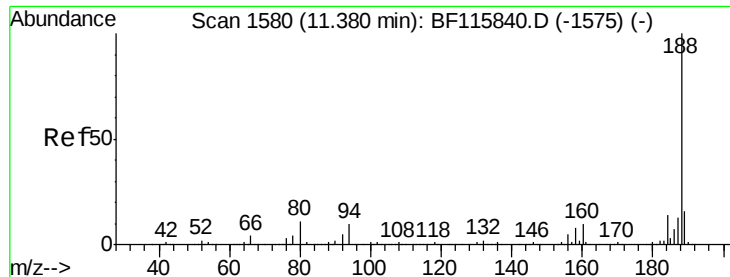
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

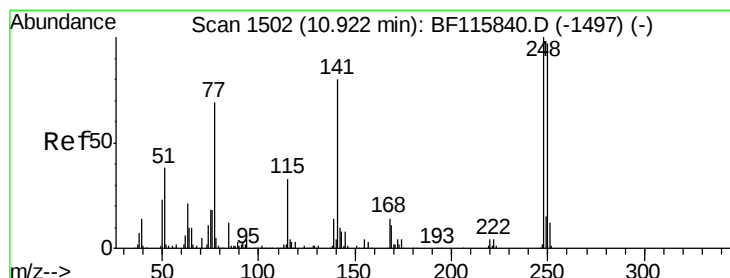
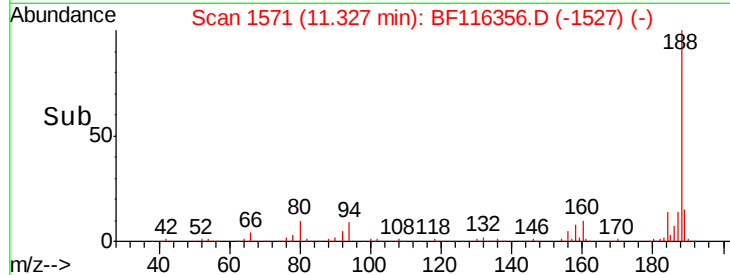
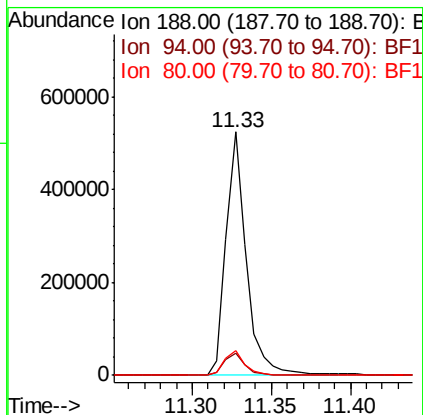
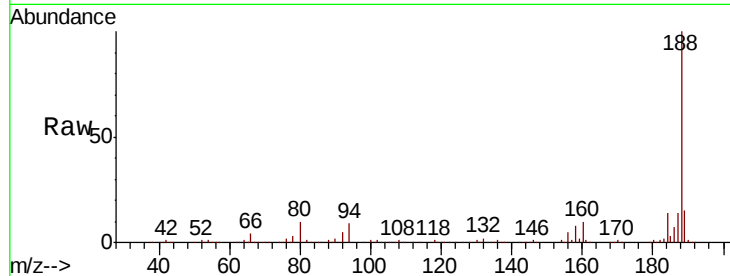
Ion 182.00 (181.70 to 182.70): E





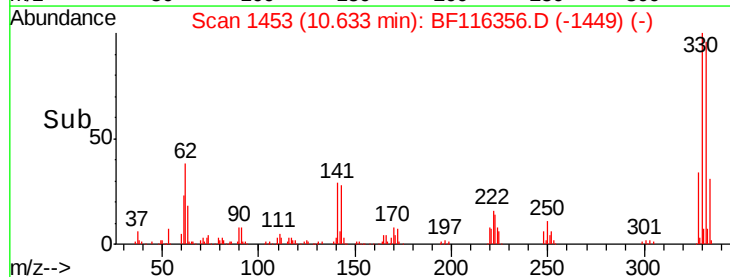
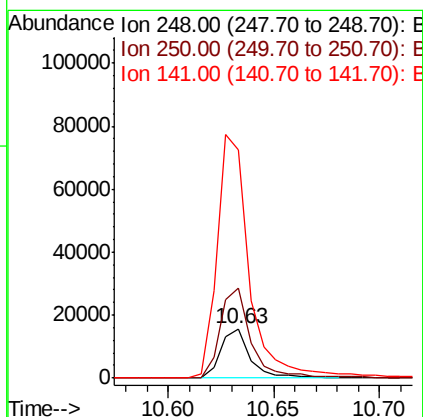
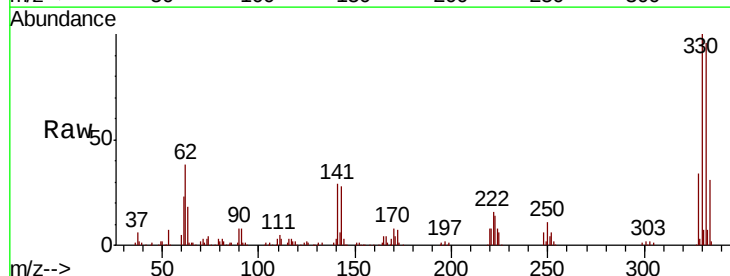
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.04 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

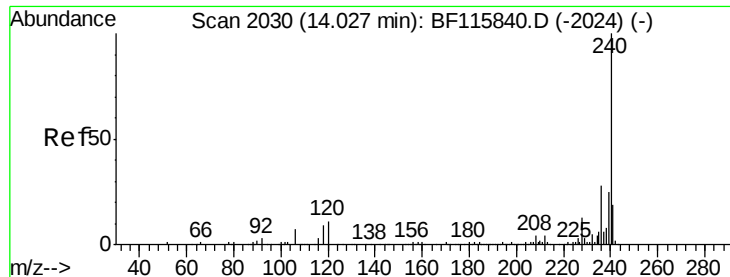
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.1	12.1
80	10.2	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.992 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.28 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

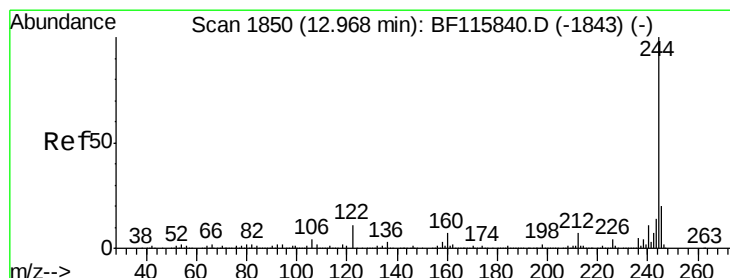
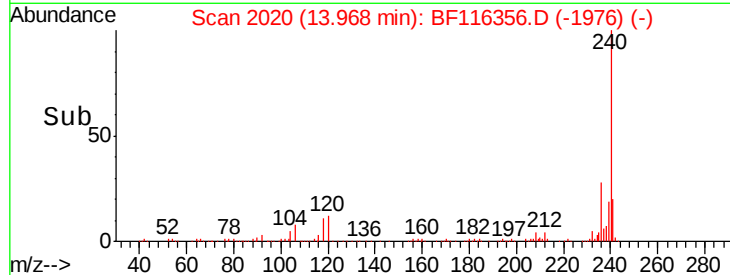
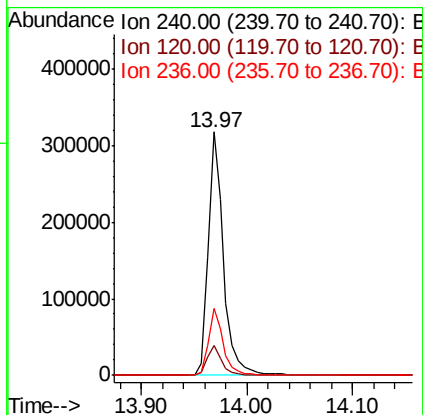
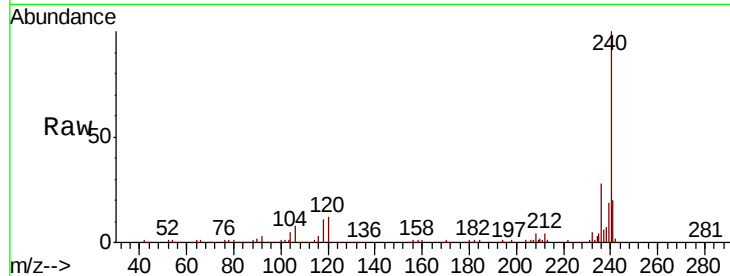
Tgt Ion	Ratio	Lower	Upper
248	100		
250	181.7	77.4	116.2#
141	462.9	56.8	85.2#





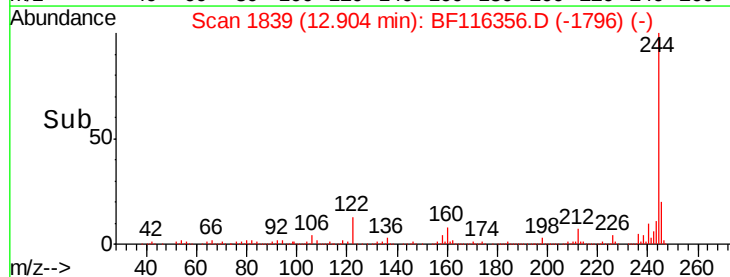
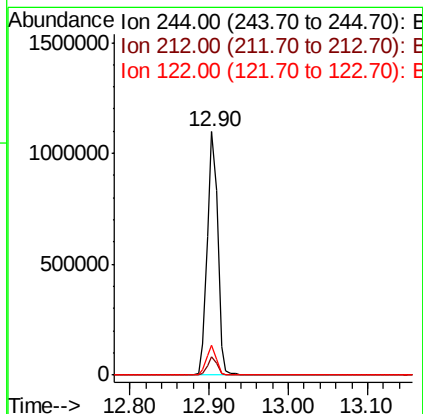
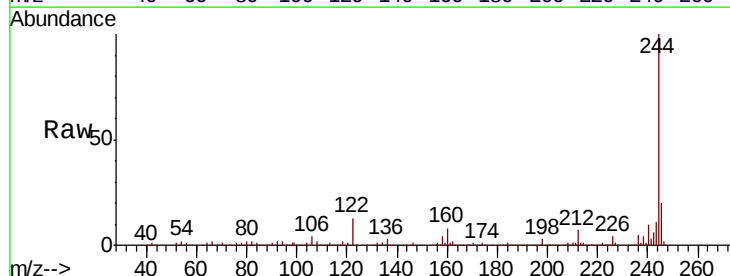
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.04 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

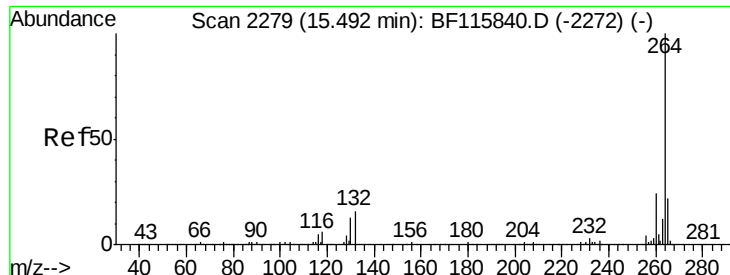
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.7	16.1
236	27.6	22.2	33.2



#79
 Terphenyl-d14
 Concen: 67.152 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: BF116356.D
 Acq: 17 Aug 2019 14:44

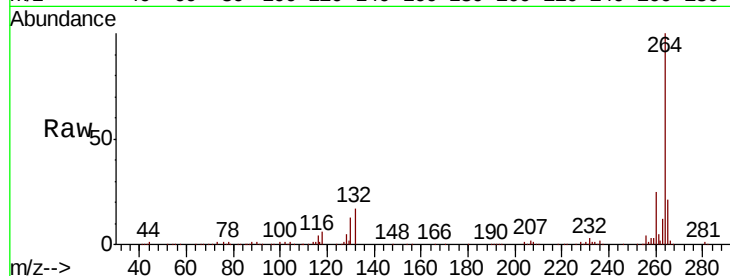
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.5	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.05 min
Lab File: BF116356.D
Acq: 17 Aug 2019 14:44

Tot Ion:264	Resp: 290826
Ion Ratio	Lower Upper
264 100	
260 25.1	19.7 29.5
265 21.3	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

