

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
 Data File : BF116362.D
 Acq On : 17 Aug 2019 17:26
 Operator : HP/JU
 Sample : K4391-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

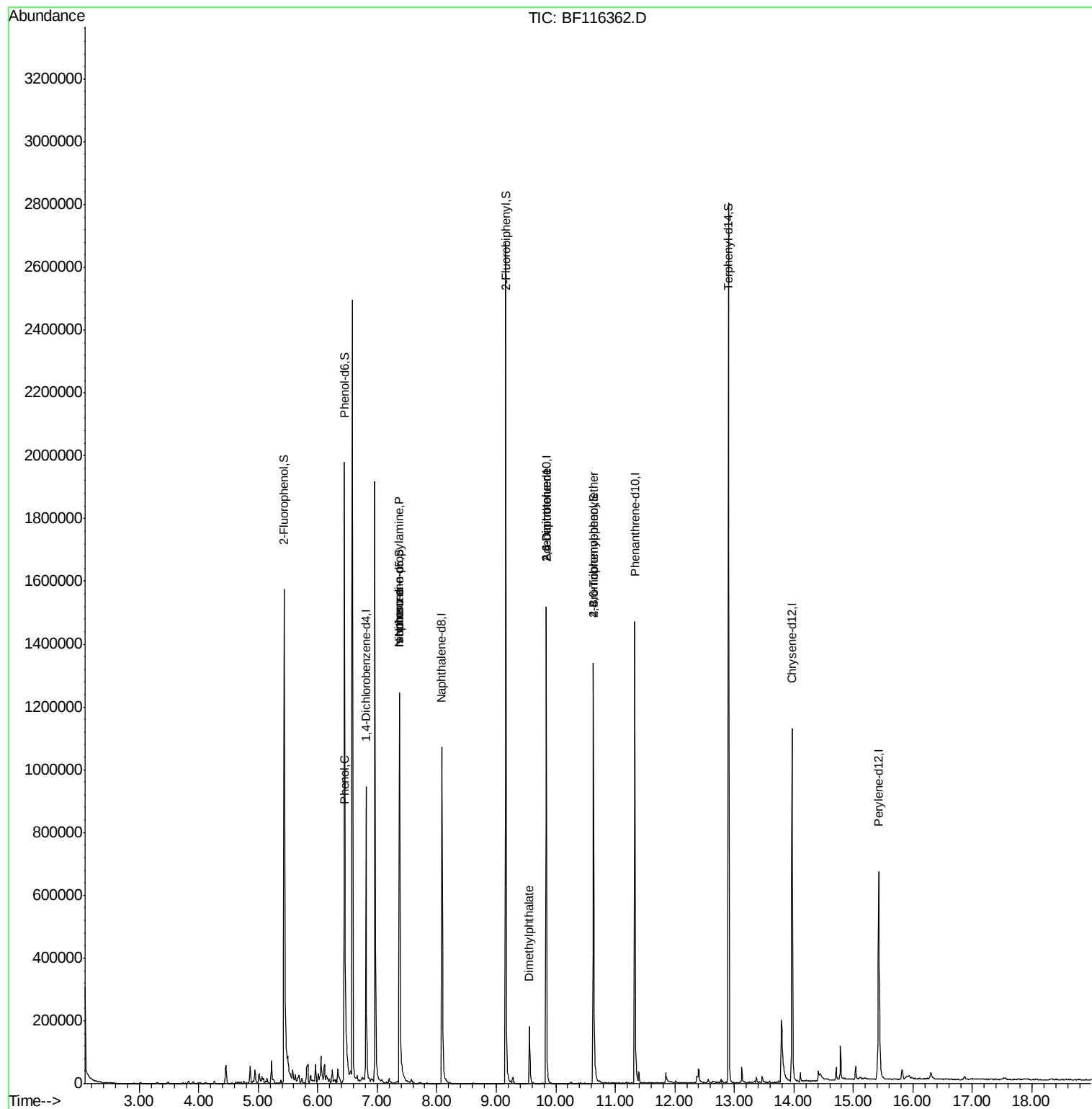
Quant Time: Aug 19 05:55:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

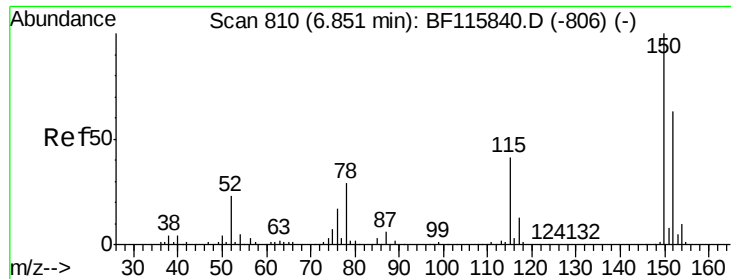
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150016	20.00	ng	-0.04
21) Naphthalene-d8	8.09	136	591240	20.00	ng	-0.04
39) Acenaphthene-d10	9.84	164	311294	20.00	ng	-0.05
64) Phenanthrene-d10	11.33	188	544365	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	394178	20.00	ng	-0.04
87) Perylene-d12	15.42	264	368542	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	634086	70.76	ng	-0.04
7) Phenol-d6	6.45	99	823760	72.86	ng	-0.04
23) Nitrobenzene-d5	7.37	82	522345	51.00	ng	-0.04
42) 2,4,6-Tribromophenol	10.63	330	199952	66.25	ng	-0.04
45) 2-Fluorobiphenyl	9.16	172	877401	52.79	ng	-0.05
79) Terphenyl-d14	12.90	244	912423	48.78	ng	-0.05
Target Compounds						Qvalue
10) Phenol	6.46	94	42108	3.163	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	68633	9.796	ng	# 79
25) Isophorone	7.37	82	522342	26.670	ng	# 65
50) Dimethylphthalate	9.56	163	88110	4.157	ng	99
51) 2,6-Dinitrotoluene	9.84	165	39947	8.672	ng	# 28
57) 2,4-Dinitrotoluene	9.84	165	39947	6.514	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	12323	2.115	ng	# 1

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

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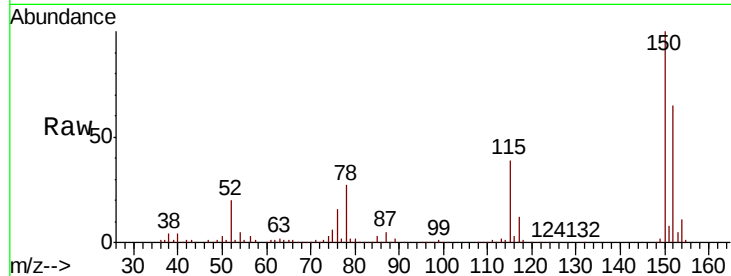




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	59.8	49.9	74.9

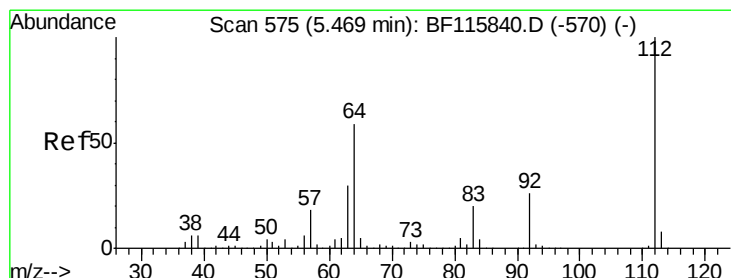
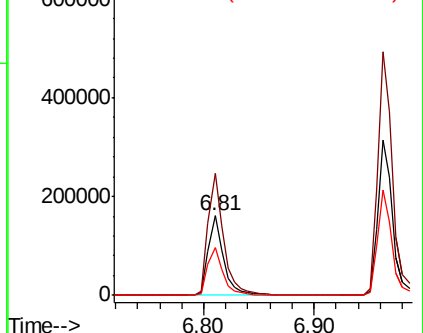
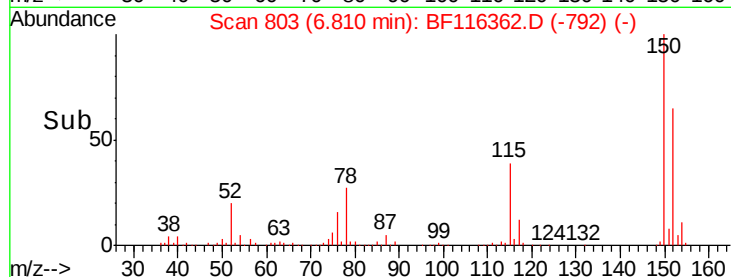


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

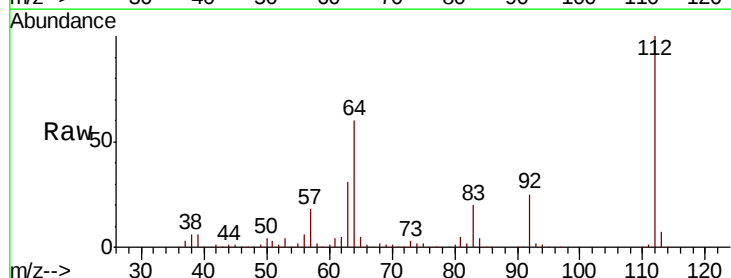
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.759 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	45.4	68.2
63	30.7	23.7	35.5

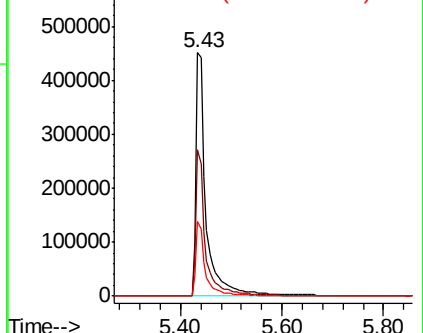
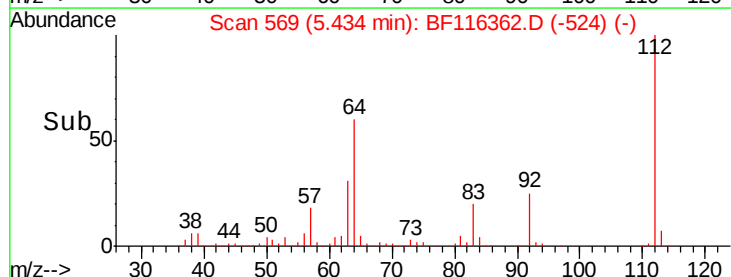


Abundance

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: 72.860 ng

RT: 6.45 min Scan# 742

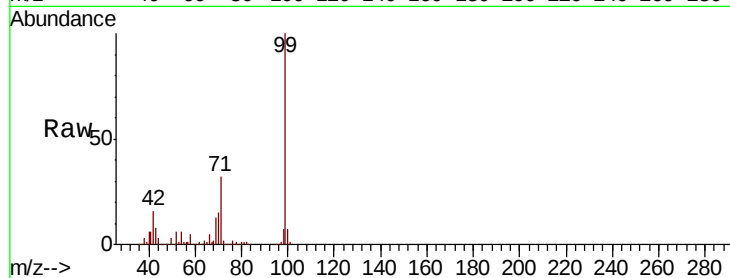
Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Tot Ion: 99 Resp: 823760

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.8	20.8
71	31.8	27.3	40.9

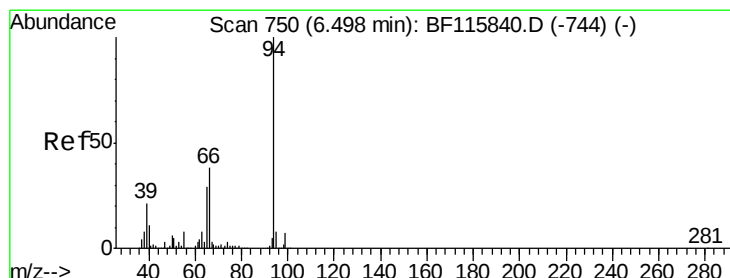
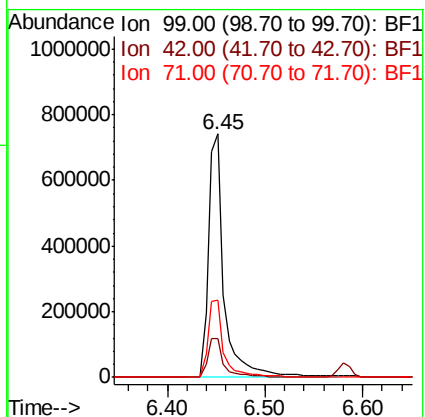
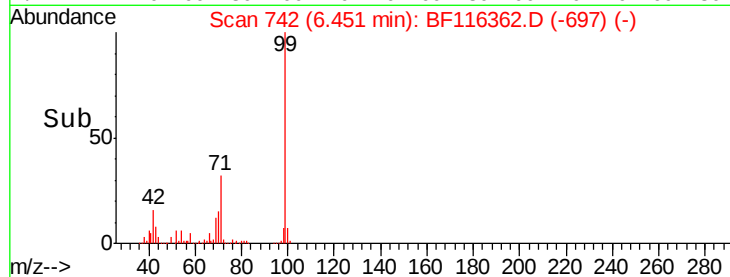


Abundance

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: 3.163 ng

RT: 6.46 min Scan# 744

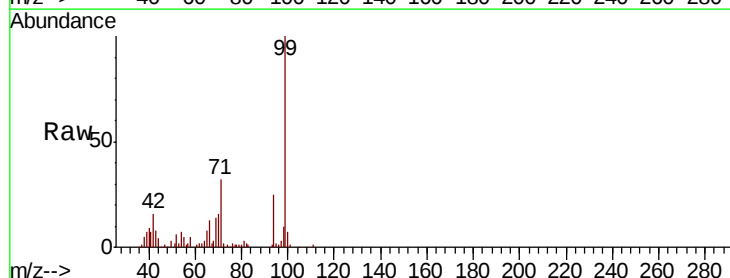
Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

Tgt Ion: 94 Resp: 42108

Ion	Ratio	Lower	Upper
94	100		
65	32.8	16.8	56.8
66	52.1	34.2	74.2

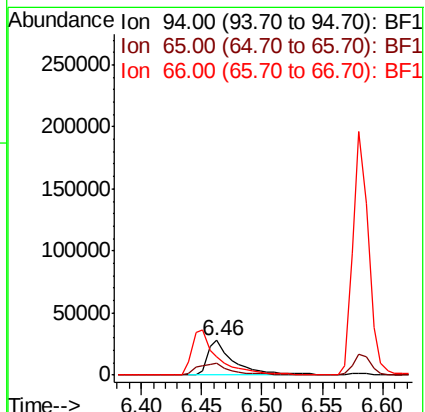
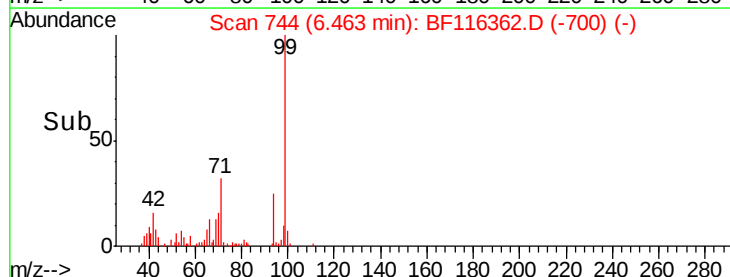


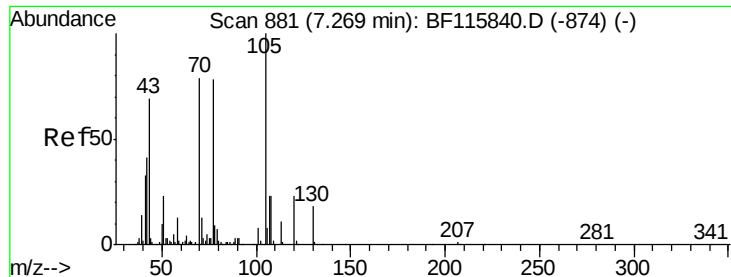
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

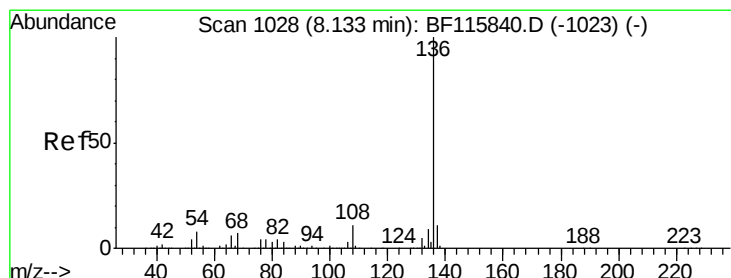
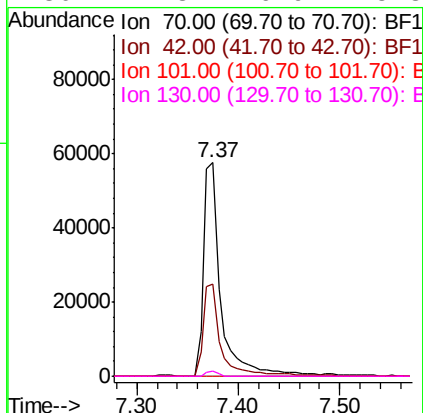
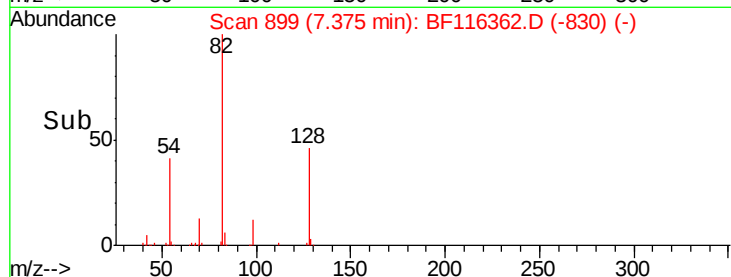
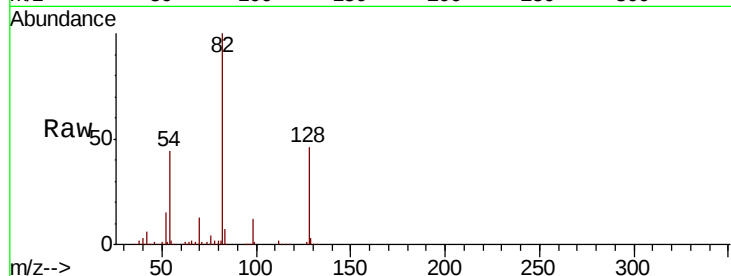
Ion 66.00 (65.70 to 66.70): BF1





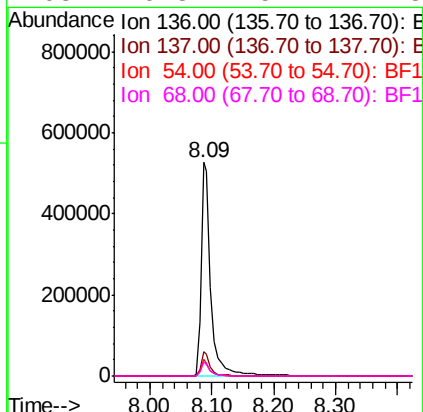
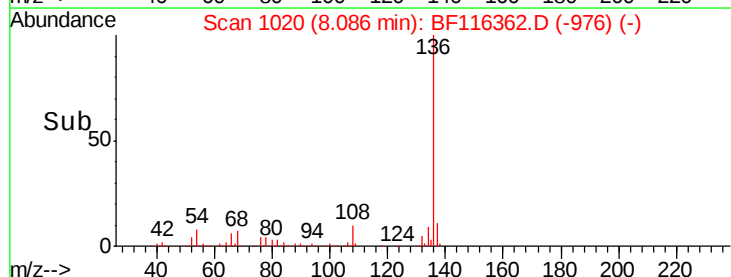
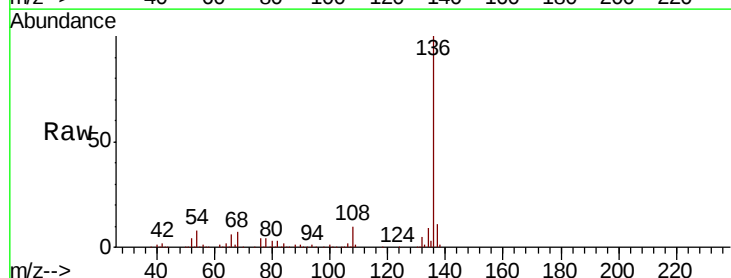
#19
n-Nitroso-di-n-propylamine
Concen: 9.796 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.11 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

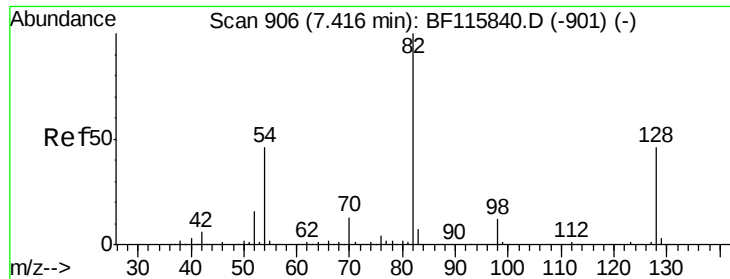
Tot Ion:	70	Resp:	68633
Ion	Ratio	Lower	Upper
70	100		
42	43.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

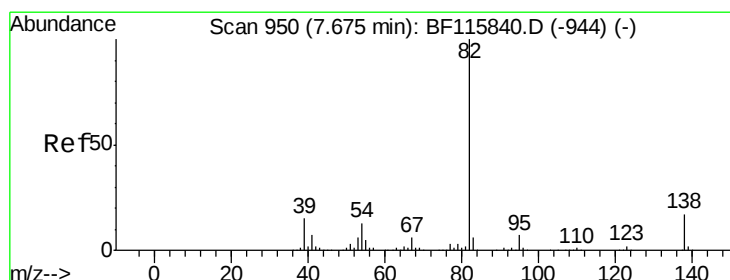
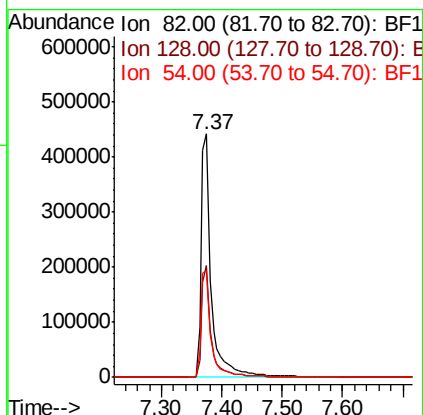
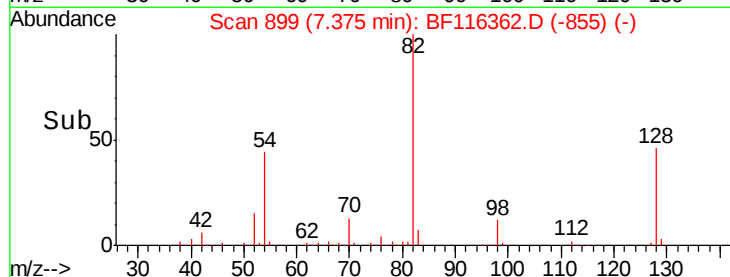
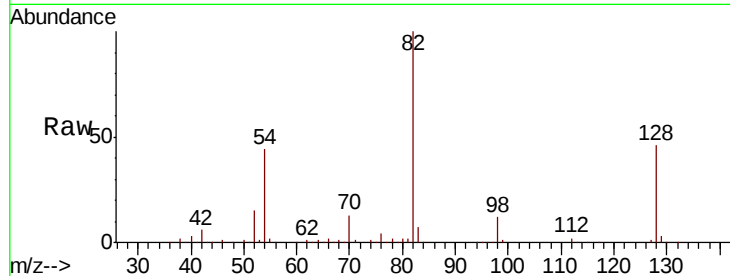
Tgt Ion:	136	Resp:	591240
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	5.8	8.6
68	6.8	5.2	7.8





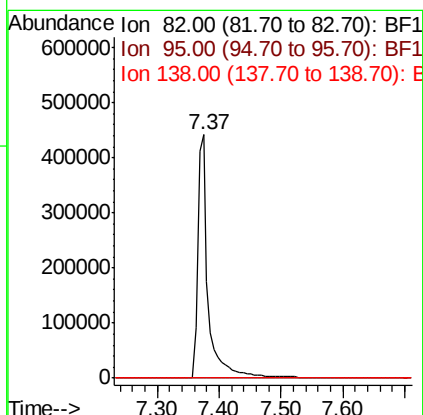
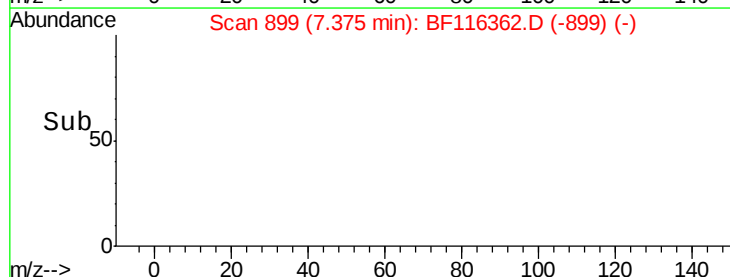
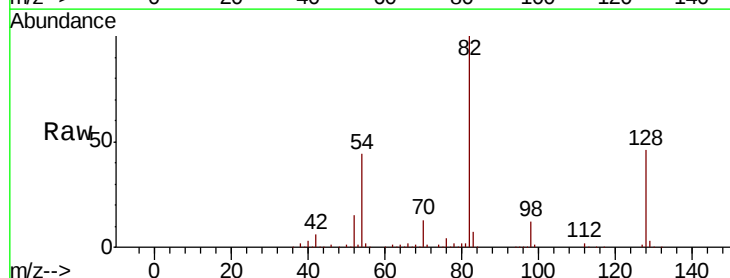
#23
Nitrobenzene-d5
Concen: 50.997 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

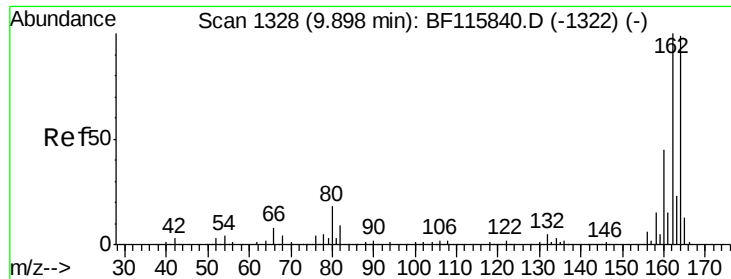
Tot Ion	82	Resp	522345
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	44.0	36.0	54.0



#25
Isophorone
Concen: 26.670 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.30 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tgt Ion	82	Resp	522342
Ion Ratio	100		
Lower	5.4		
Upper	8.0#		
95	0.1	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: BF116362.D

Acq: 17 Aug 2019 17:26

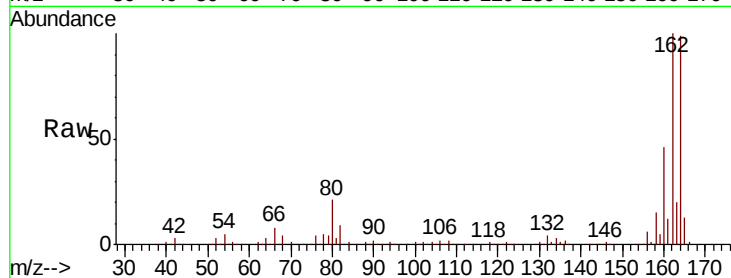
Tot Ion:164 Resp: 311294

Ion Ratio Lower Upper

164 100

162 101.5 82.6 124.0

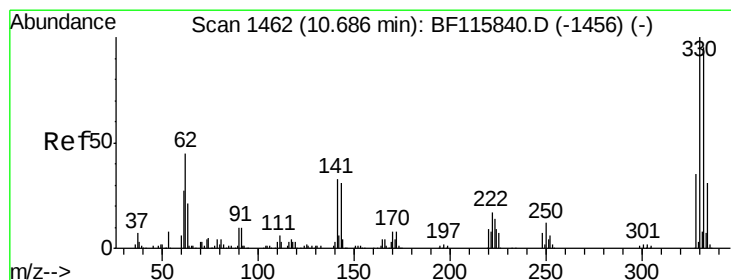
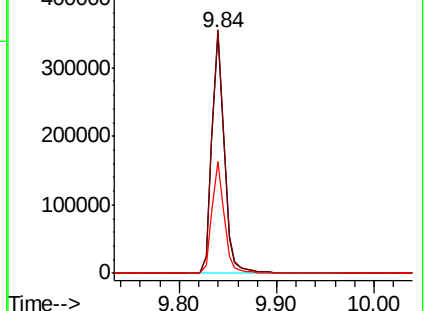
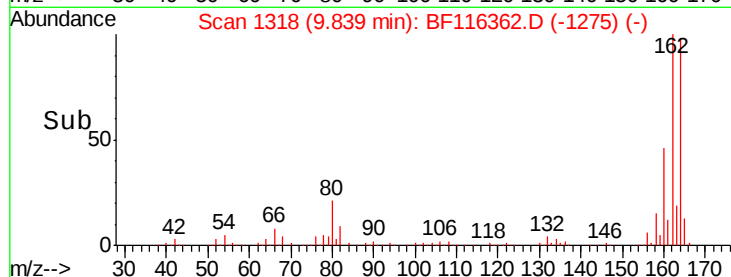
160 46.3 37.6 56.4



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: 66.251 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BF116362.D

Acq: 17 Aug 2019 17:26

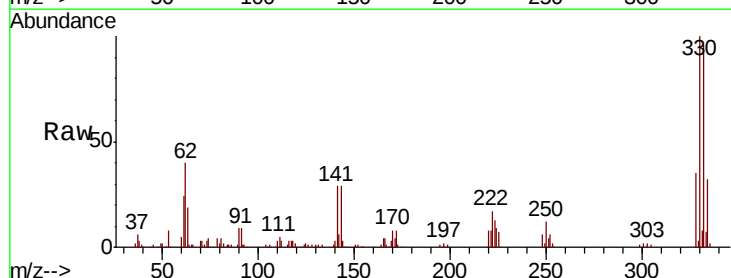
Tgt Ion:330 Resp: 199952

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

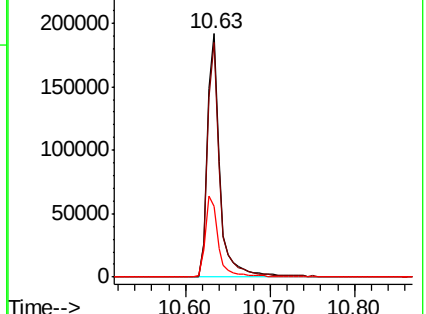
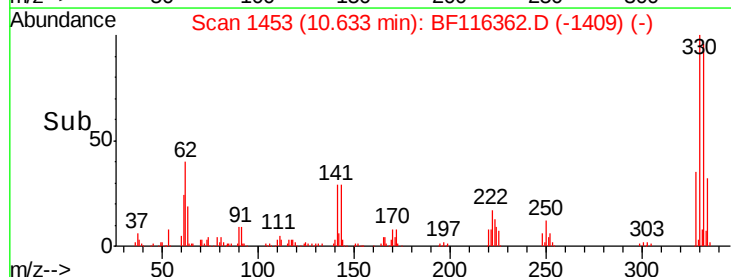
141 34.8 26.3 39.5

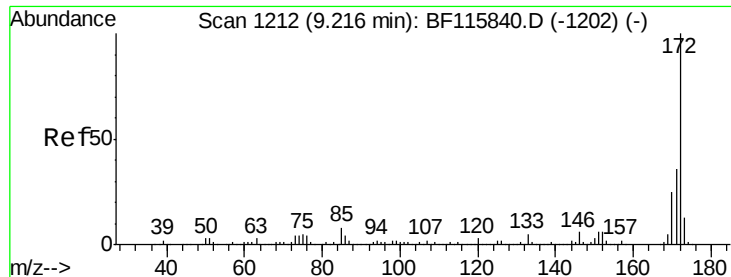


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

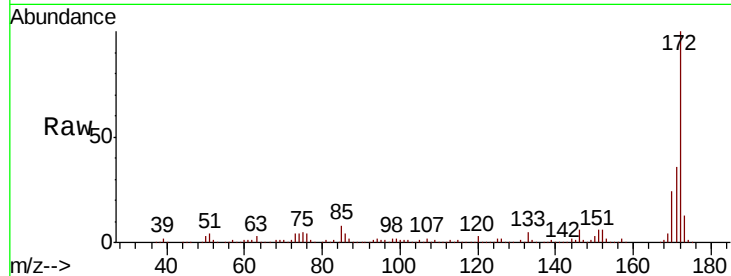
Ion 141.00 (140.70 to 141.70): E



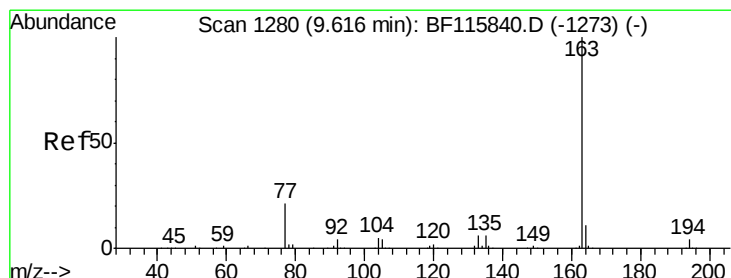
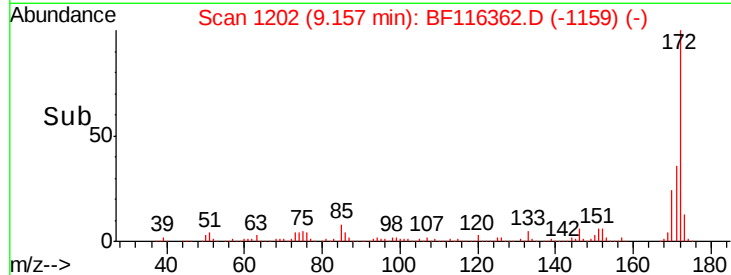
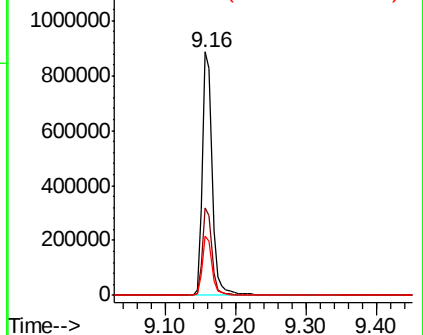


#45
 2-Fluorobiphenyl
 Concen: 52.794 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.05 min
 Lab File: BF116362.D
 Acq: 17 Aug 2019 17:26

Tot Ion:172	Resp: 877401
Ion Ratio	Lower Upper
172 100	
171 35.9	29.6 44.4
170 24.3	20.1 30.1

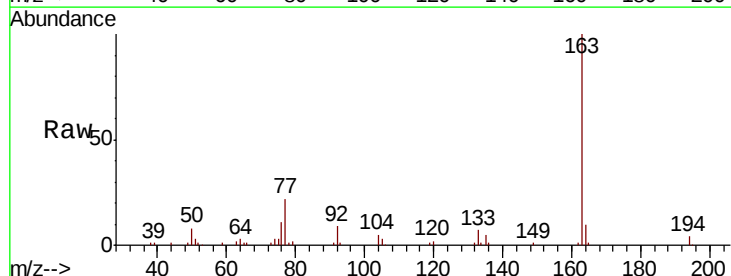


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

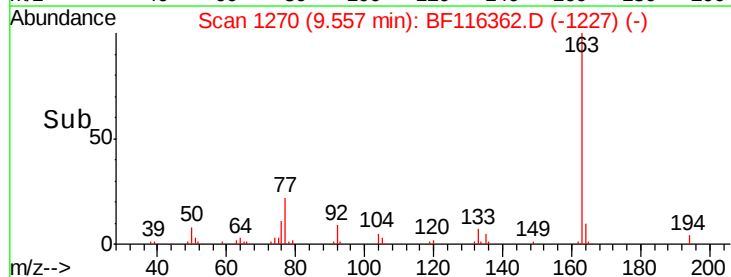
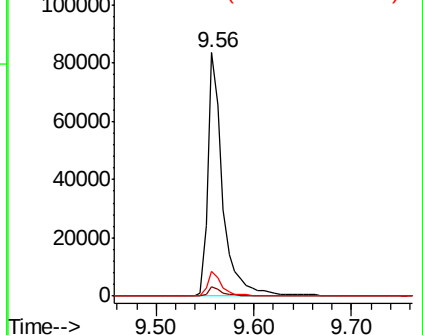


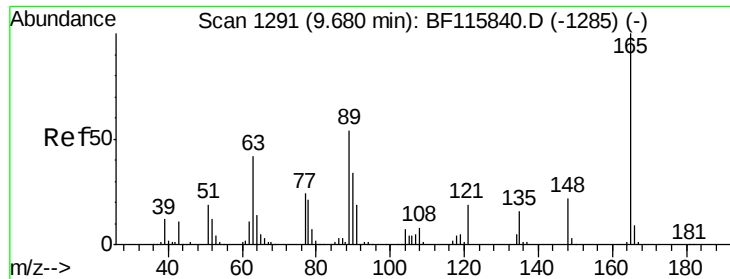
#50
 Dimethylphthalate
 Concen: 4.157 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.05 min
 Lab File: BF116362.D
 Acq: 17 Aug 2019 17:26

Tgt	Ion:163	Resp:	88110
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.4	12.6



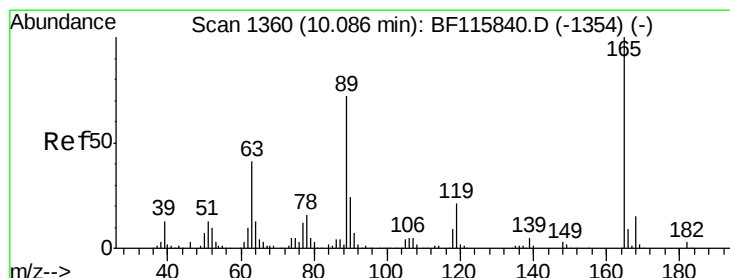
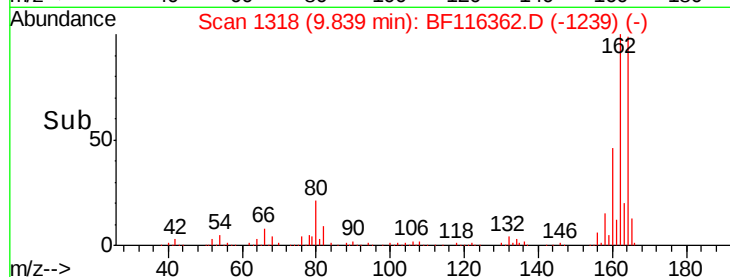
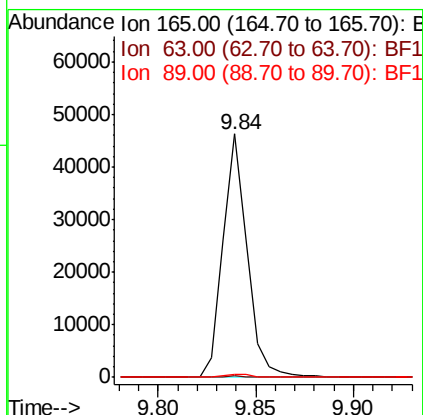
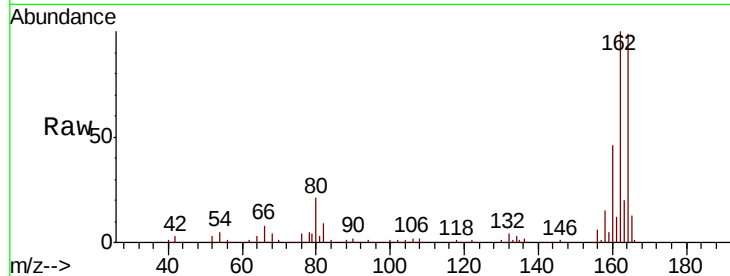
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





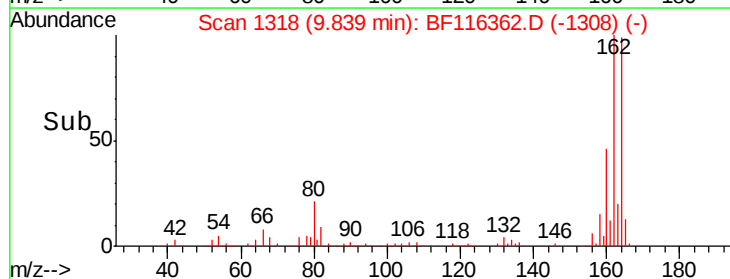
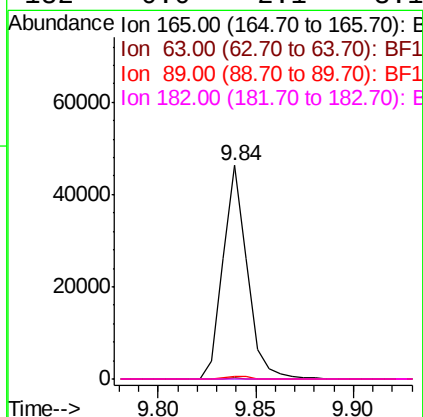
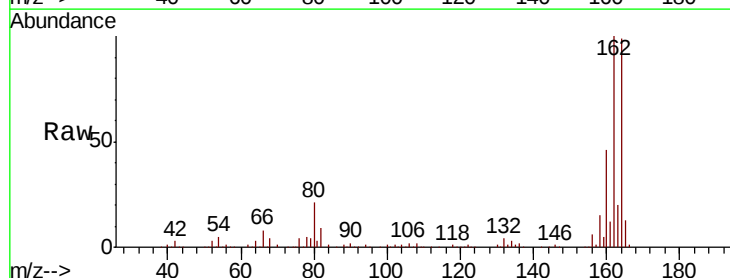
#51
 2,6-Dinitrotoluene
 Concen: 8.672 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.16 min
 Lab File: BF116362.D
 Acq: 17 Aug 2019 17:26

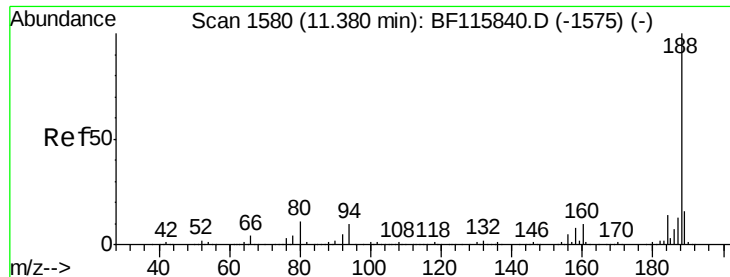
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.1	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.514 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.24 min
 Lab File: BF116362.D
 Acq: 17 Aug 2019 17:26

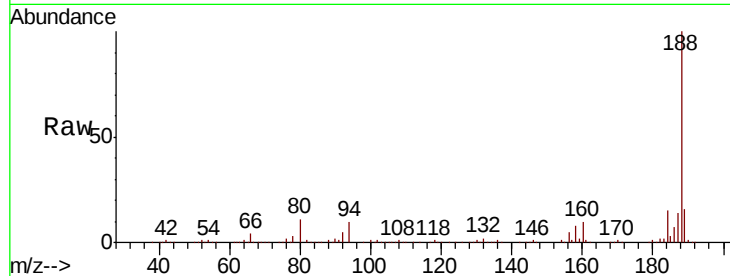
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#



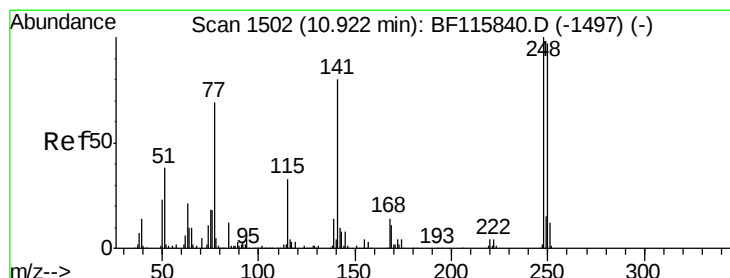
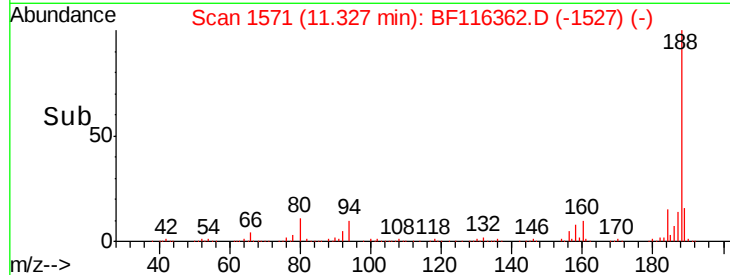
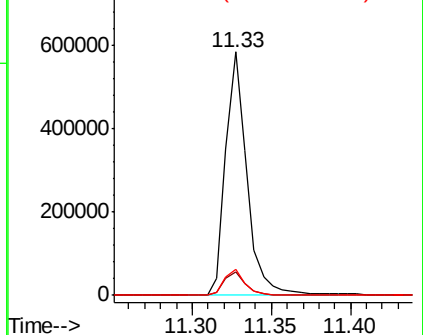


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tot Ion:188	Resp:	544365
Ion Ratio	Lower	Upper
188 100		
94 9.8	8.1	12.1
80 10.9	8.7	13.1

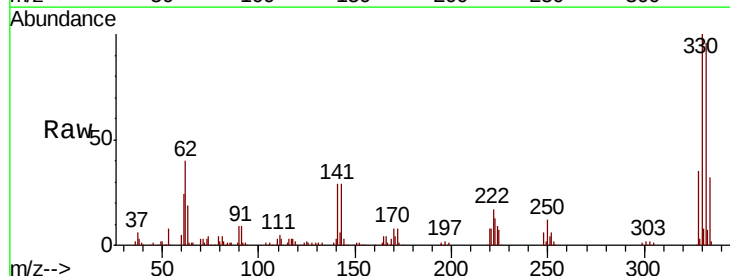


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

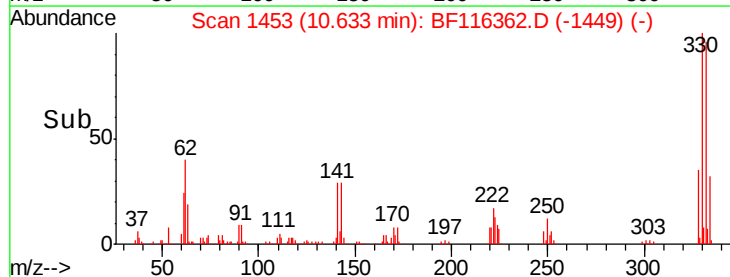
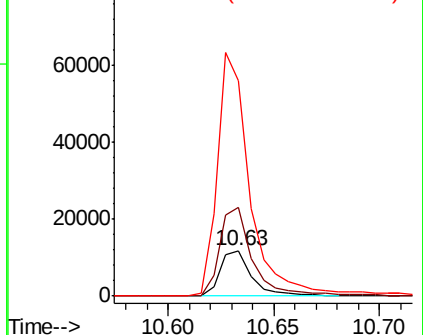


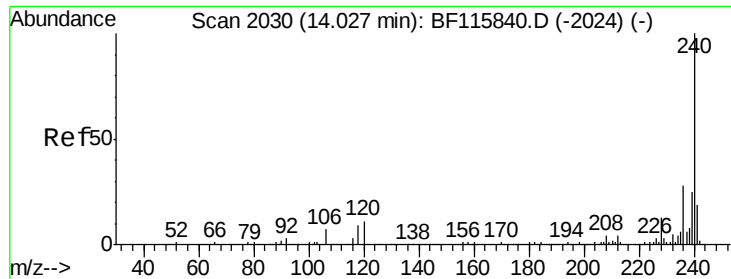
#67
4-Bromophenyl-phenylether
Concen: 2.115 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.28 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

Tgt Ion:248	Resp:	12323
Ion Ratio	Lower	Upper
248 100		
250 195.6	77.4	116.2#
141 470.9	56.8	85.2#



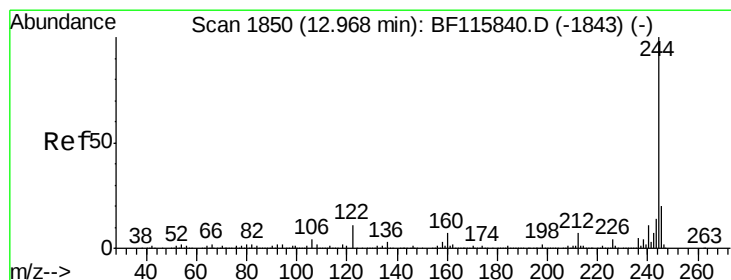
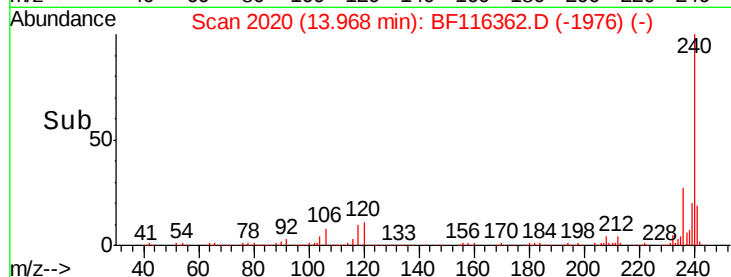
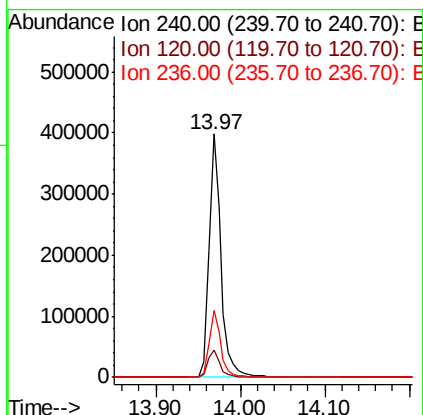
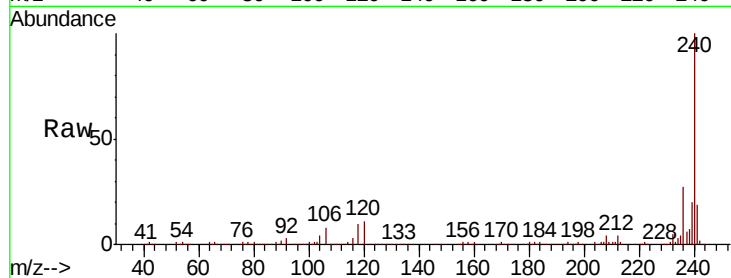
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





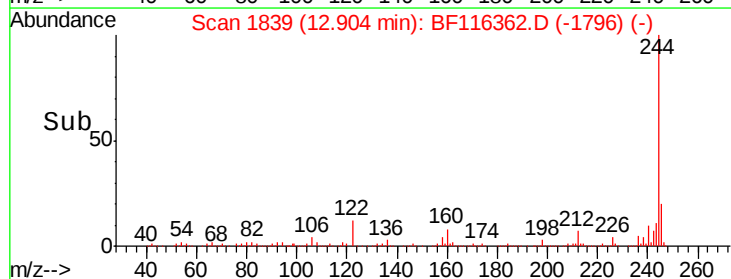
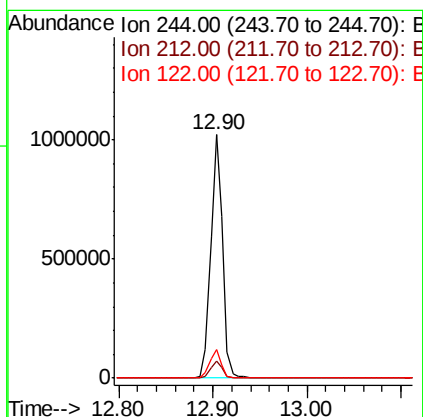
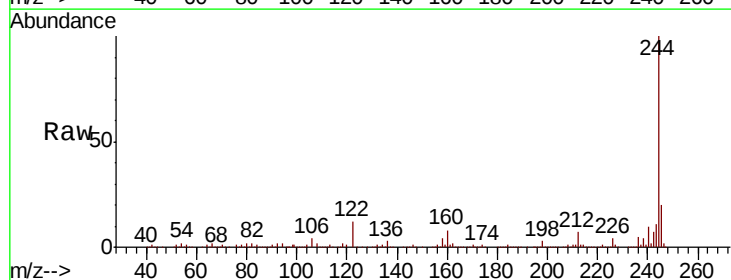
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.04 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

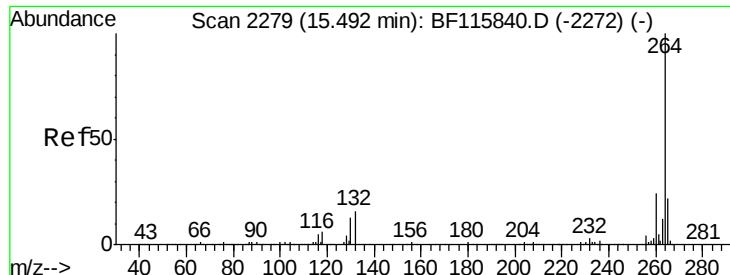
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.7	16.1
236	27.4	22.2	33.2



#79
Terphenyl-d14
Concen: 48.776 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.05 min
Lab File: BF116362.D
Acq: 17 Aug 2019 17:26

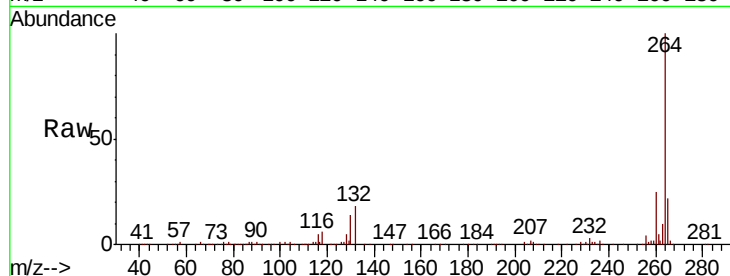
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.0	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF116362.D
 Acq: 17 Aug 2019 17:26

Tot Ion:	264	Resp:	368542
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	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

