

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116937.D
 Acq On : 10 Sep 2019 22:28
 Operator : HP/JU
 Sample : K4752-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:03:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

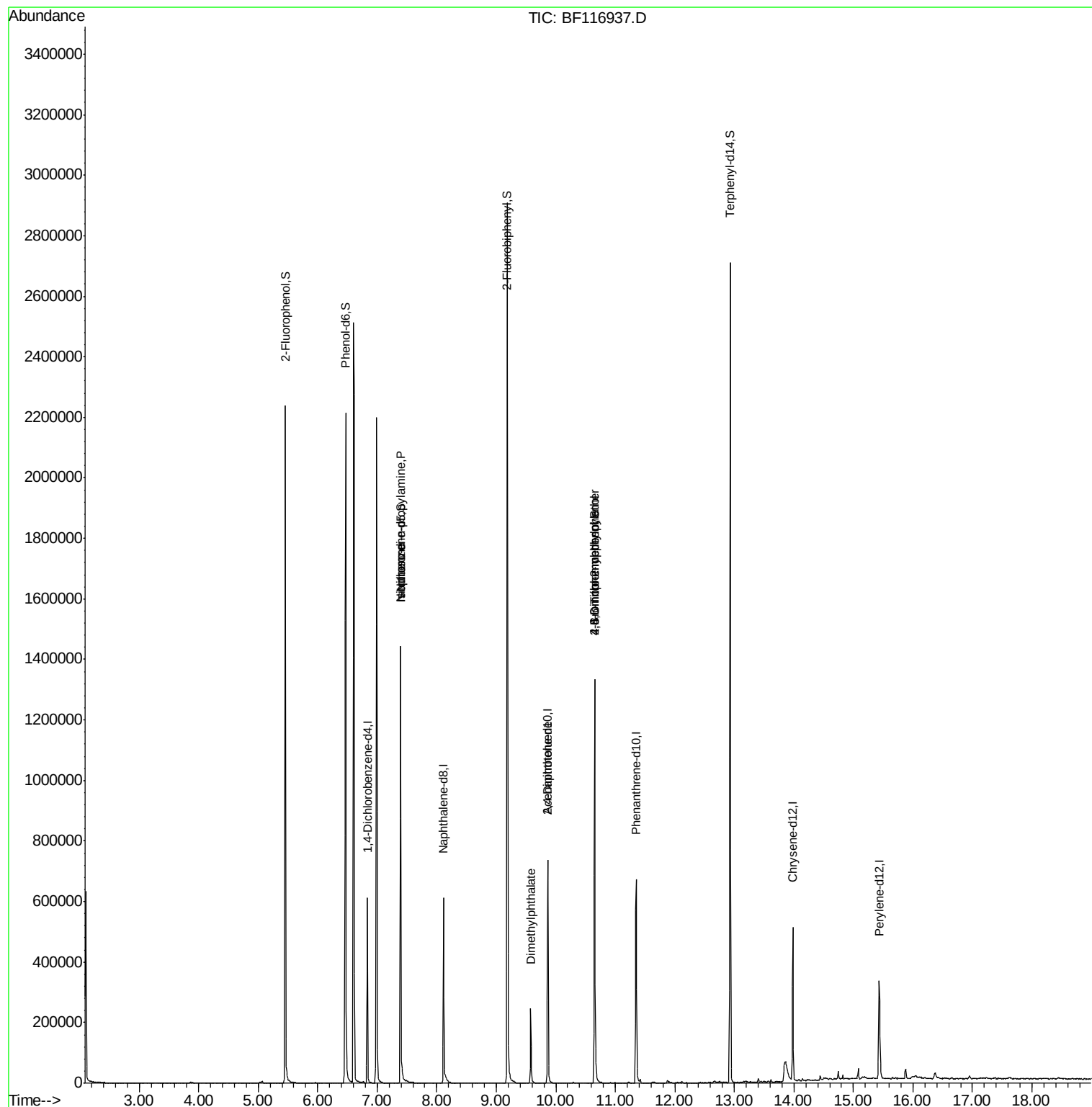
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84865	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	338591	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	169216	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	280521	20.00	ng	0.00
76) Chrysene-d12	13.98	240	169025	20.00	ng	0.00
87) Perylene-d12	15.43	264	170418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	681885	130.17	ng	0.00
7) Phenol-d6	6.47	99	933072	135.65	ng	0.00
23) Nitrobenzene-d5	7.39	82	561809	94.72	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	160744	142.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	976866	97.38	ng	0.00
79) Terphenyl-d14	12.93	244	886100	96.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	75398	16.647	ng	# 75
25) Isophorone	7.39	82	561801	46.745	ng	# 66
50) Dimethylphthalate	9.58	163	118722	10.162	ng	# 98
57) 2,4-Dinitrotoluene	9.86	165	21781	7.992	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.65	198	260	7.664	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	10626	3.729	ng	# 1

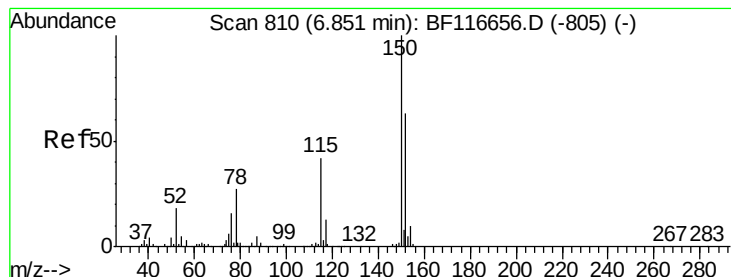
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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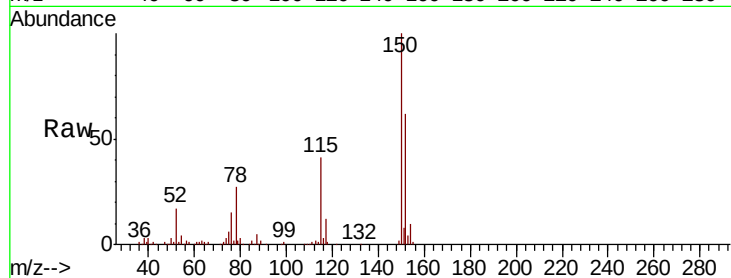


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.4	186.6
115	66.6	49.9	74.9

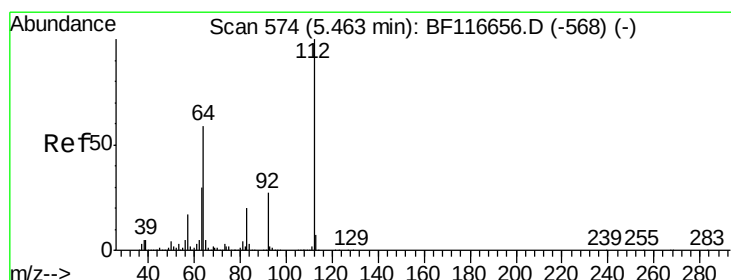
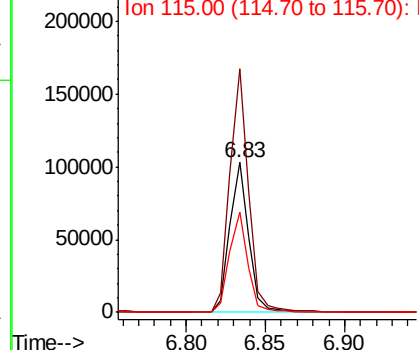
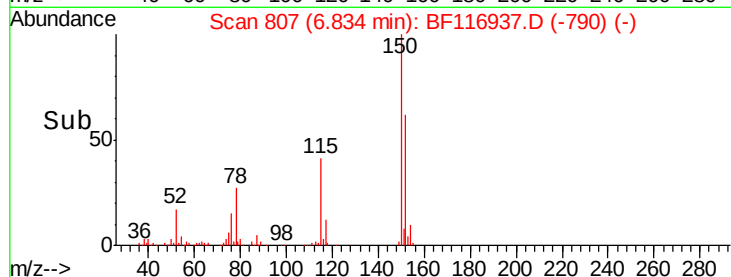


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

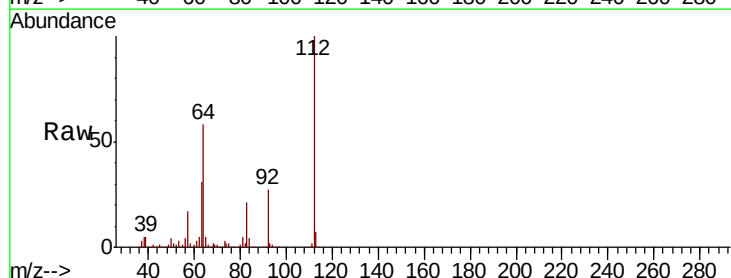
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.171 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.1	70.7
63	30.6	24.9	37.3

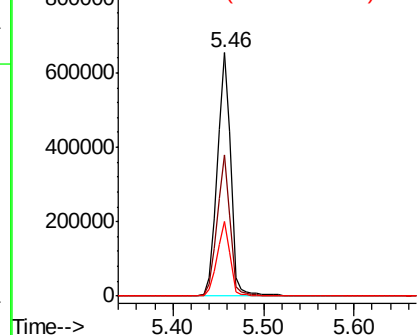
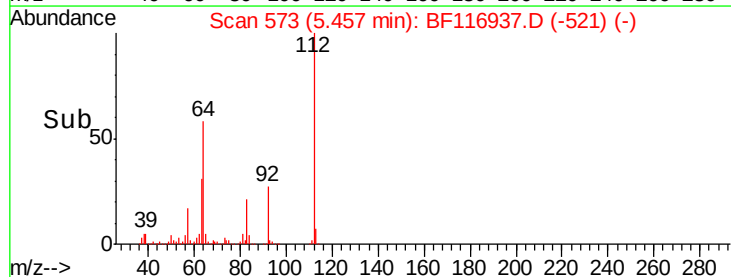


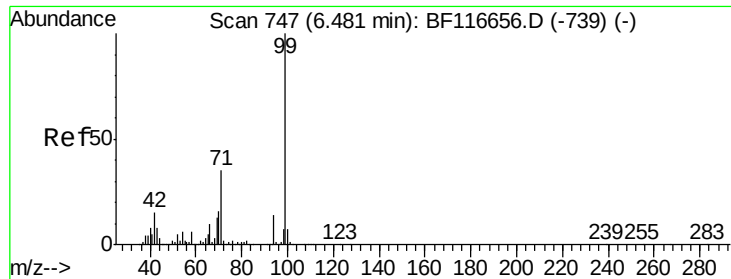
Abundance

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: 135.649 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

Instrument :

BNA_F

ClientSampled :

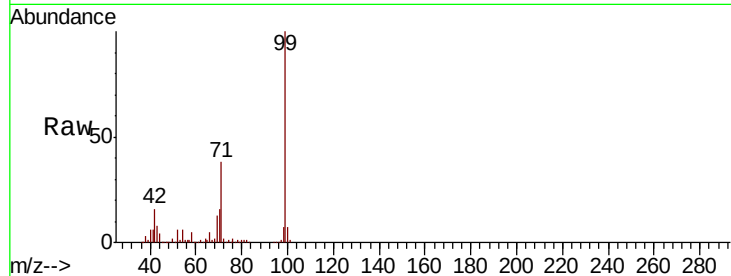
Tot Ion: 99 Resp: 933072

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

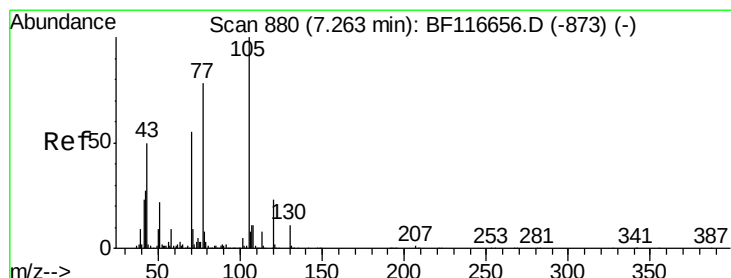
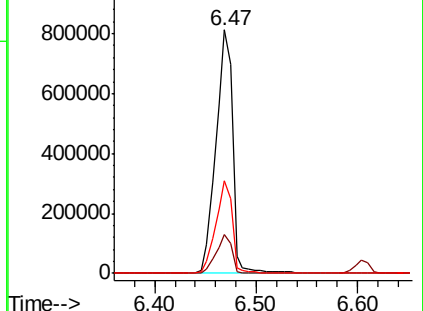
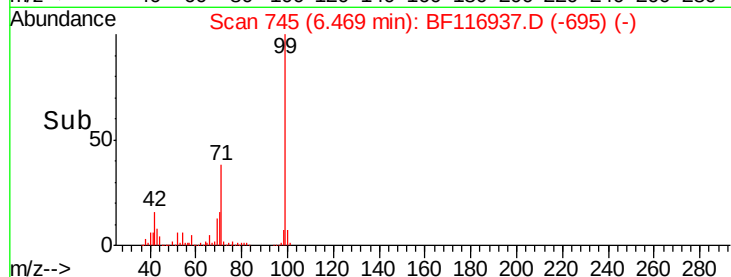
71 38.0 30.8 46.2



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: 16.647 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

Tgt Ion: 70 Resp: 75398

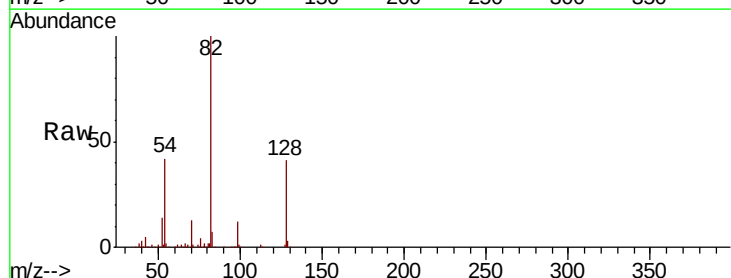
Ion Ratio Lower Upper

70 100

42 40.6 43.5 65.3#

101 0.0 7.8 11.6#

130 2.3 16.6 24.8#

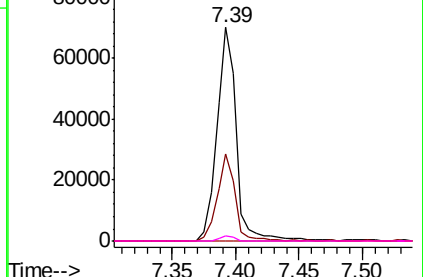
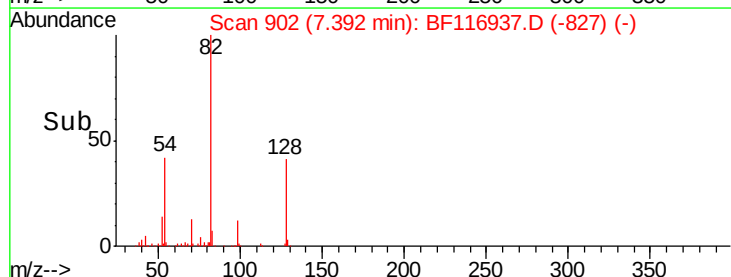


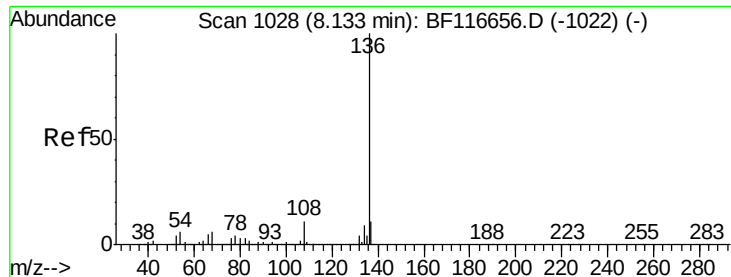
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

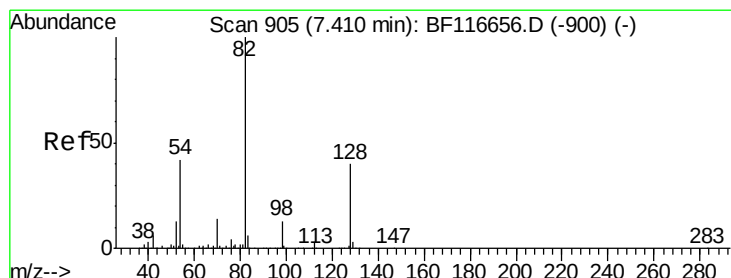
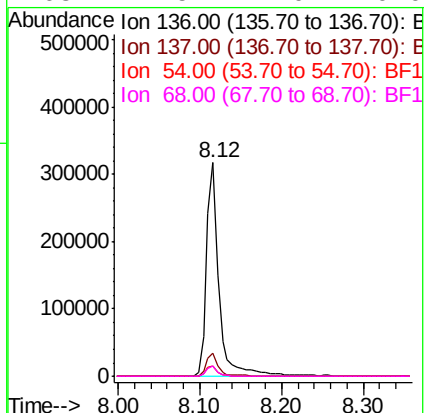
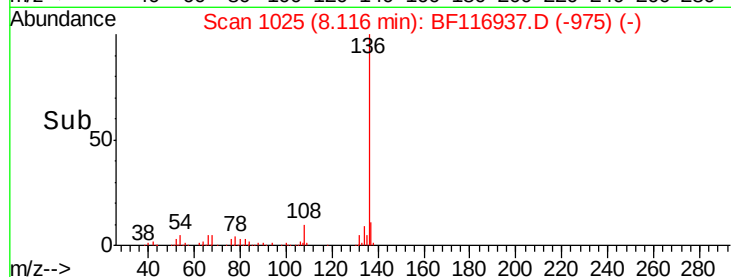
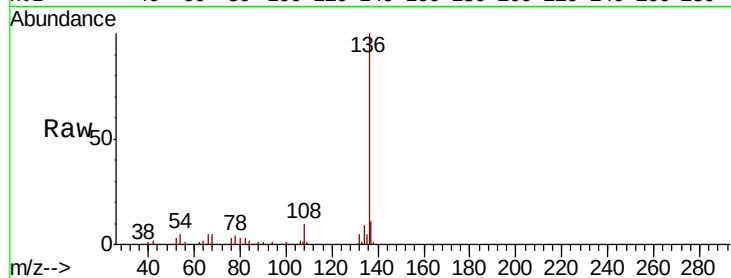




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

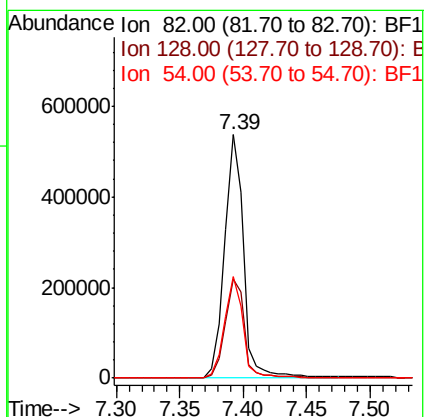
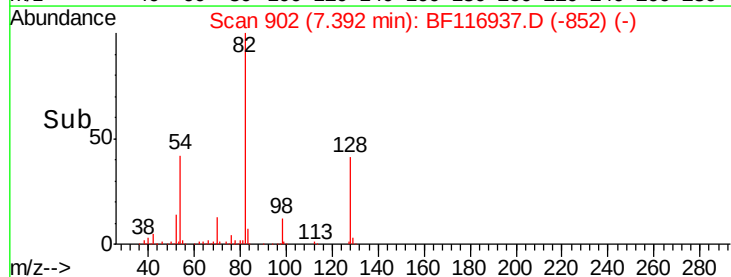
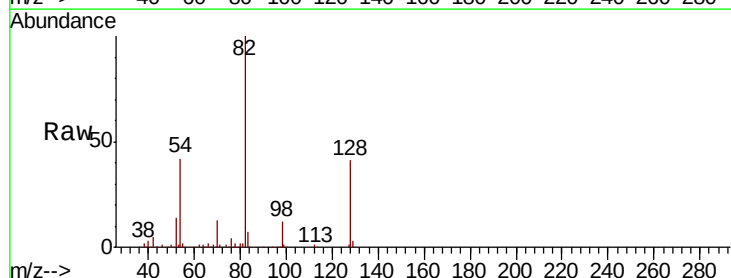
Instrument :
BNA_F
ClientSampleId :

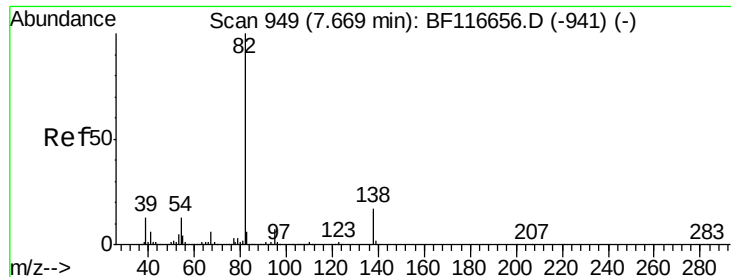
Tot Ion:136	Resp:	338591
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.0	4.8 7.2
68	4.5	4.0 6.0



#23
Nitrobenzene-d5
Concen: 94.723 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Tgt Ion: 82	Resp:	561809
Ion Ratio	Lower	Upper
82	100	
128	40.6	32.8 49.2
54	42.0	36.9 55.3





#25

Isophorone

Concen: 46.745 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

Instrument :

BNA_F

ClientSampleId :

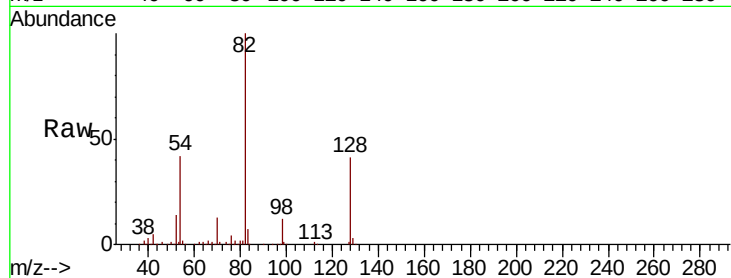
Tot Ion: 82 Resp: 561801

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

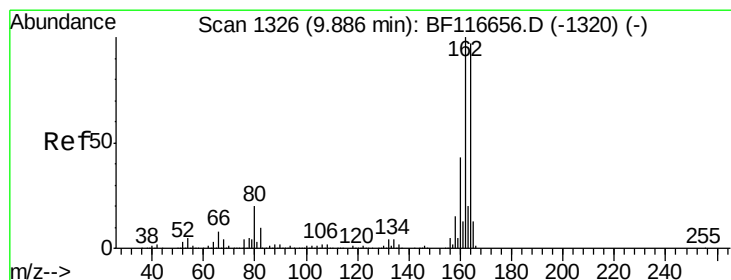
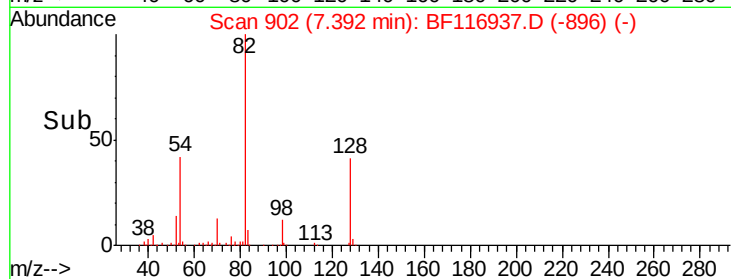
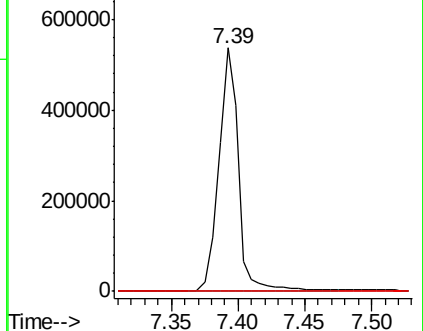
138 0.0 13.5 20.3#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

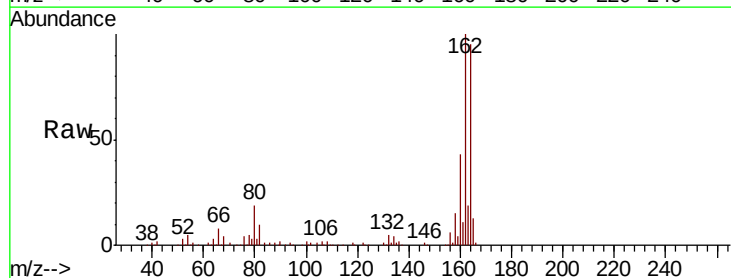
Tgt Ion: 164 Resp: 169216

Ion Ratio Lower Upper

164 100

162 104.8 81.4 122.0

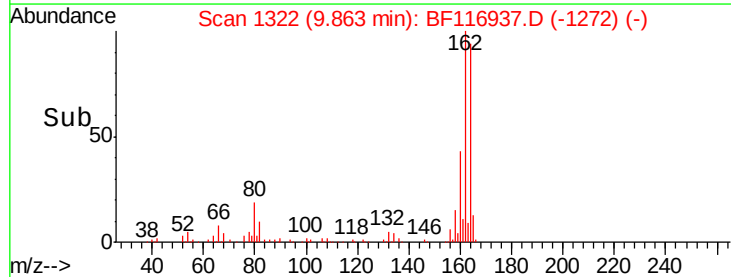
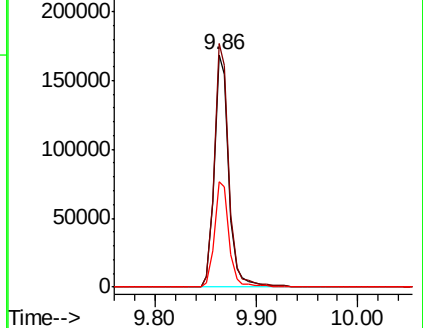
160 45.5 35.4 53.2

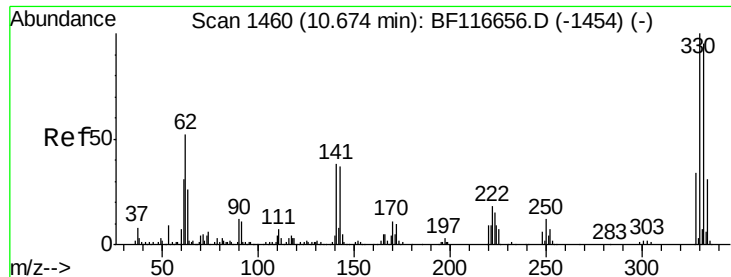


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

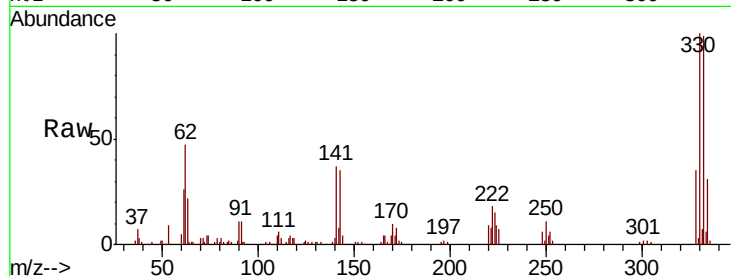




#42
 2,4,6-Tribromophenol
 Concen: 142.095 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116937.D
 Acq: 10 Sep 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.9	115.3
141	45.4	31.4	47.2

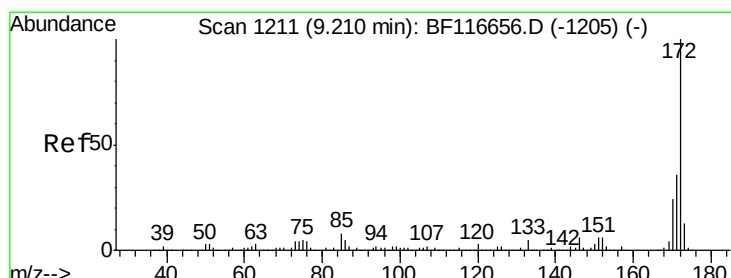
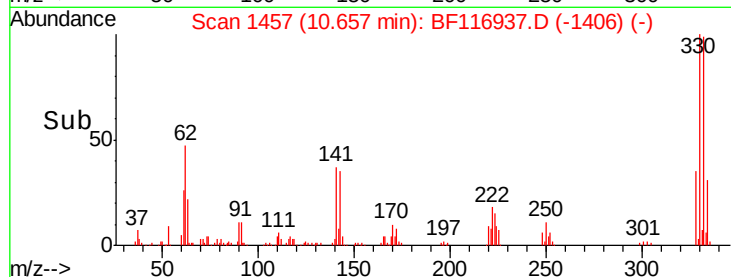
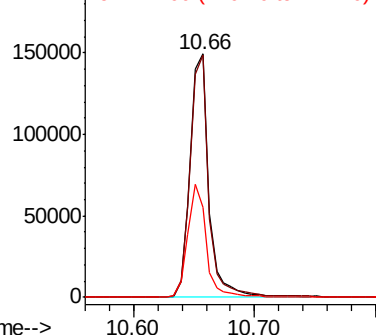


Abundance

Ion 329.80 (329.50 to 330.50): E

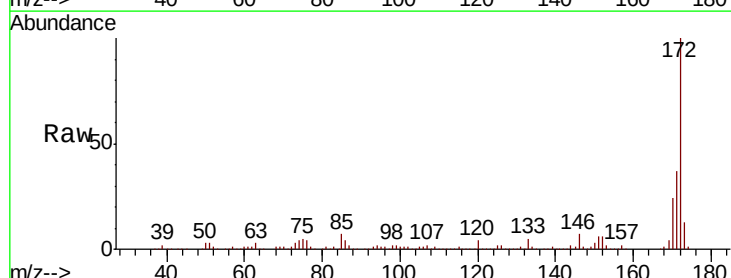
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.383 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116937.D
 Acq: 10 Sep 2019 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	27.8	41.6
170	24.1	18.9	28.3

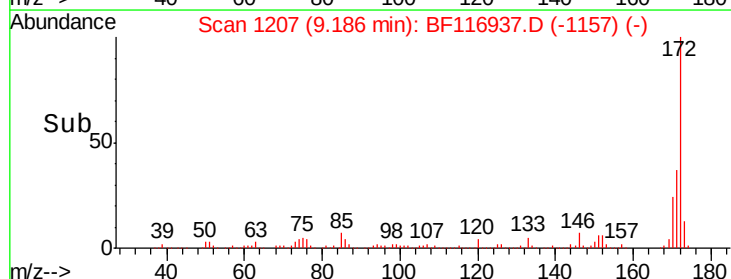
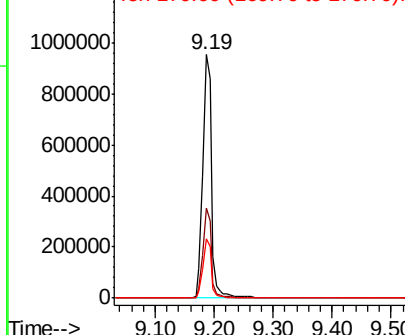


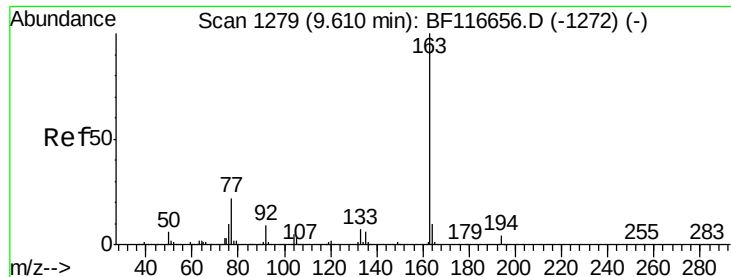
Abundance

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

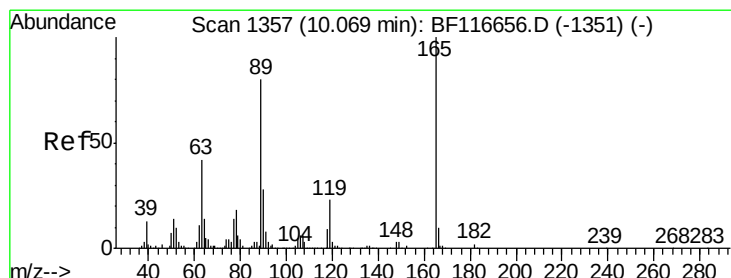
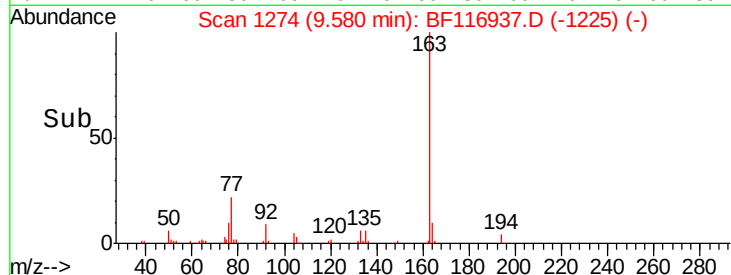
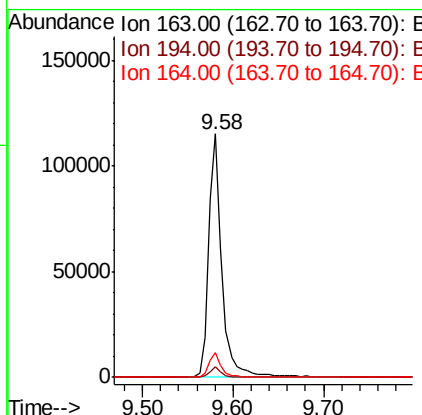
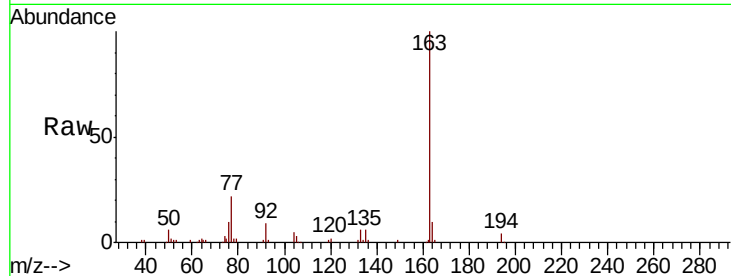




#50
Dimethylphthalate
Concen: 10.162 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

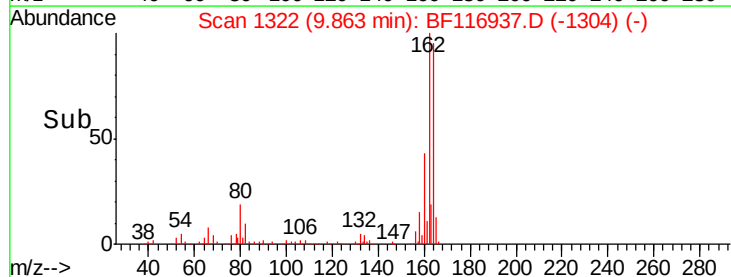
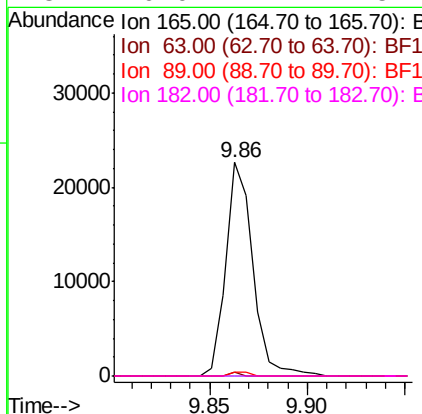
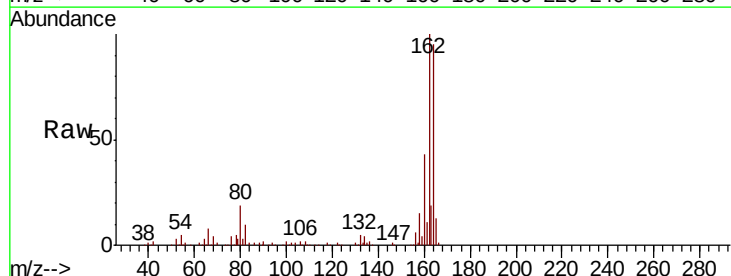
Instrument :
BNA_F
ClientSampleId :

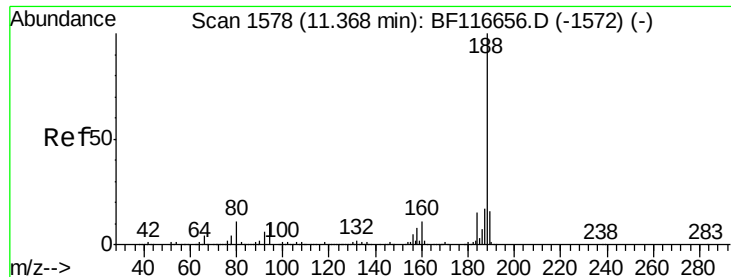
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.8	4.2#
164	10.1	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 7.992 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.19 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.9	62.6	94.0#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

Instrument :

BNA_F

ClientSampleId :

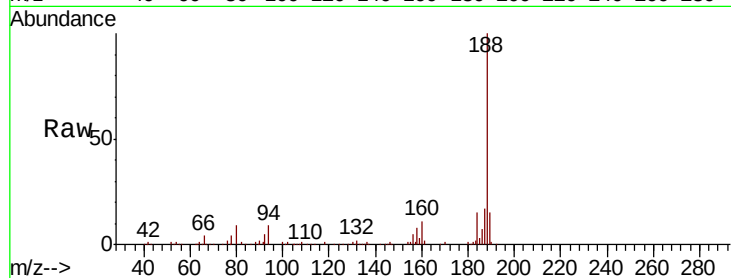
Tot Ion:188 Resp: 280521

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

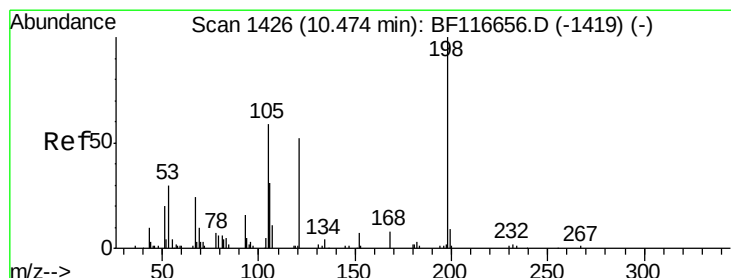
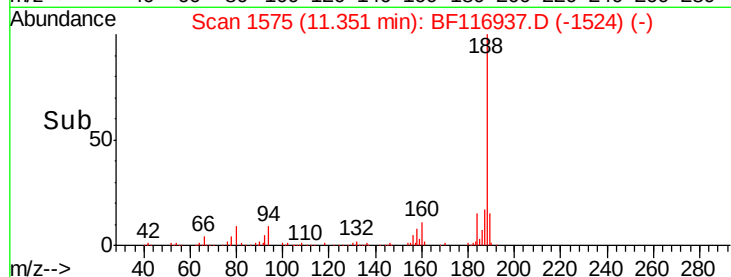
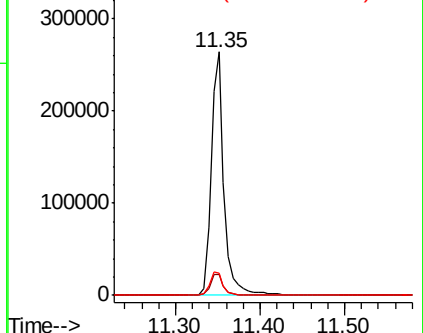
80 9.3 8.4 12.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.664 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF116937.D

Acq: 10 Sep 2019 22:28

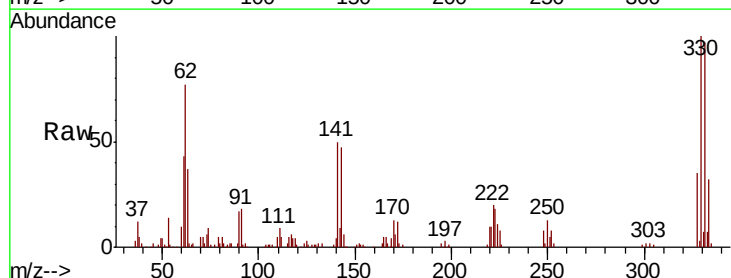
Tgt Ion:198 Resp: 260

Ion Ratio Lower Upper

198 100

51 166.6 18.4 58.4#

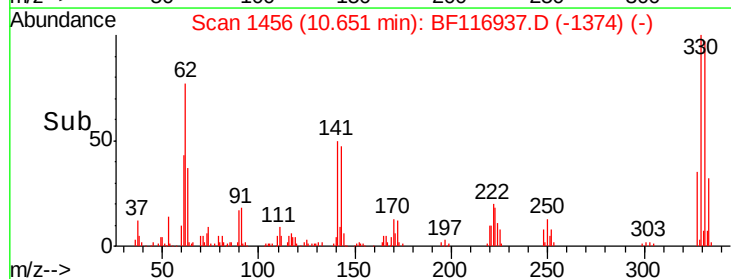
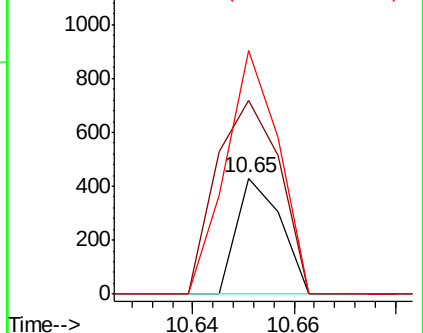
105 209.5 22.9 62.9#

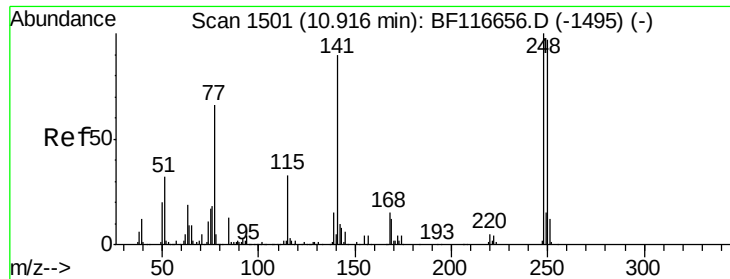


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

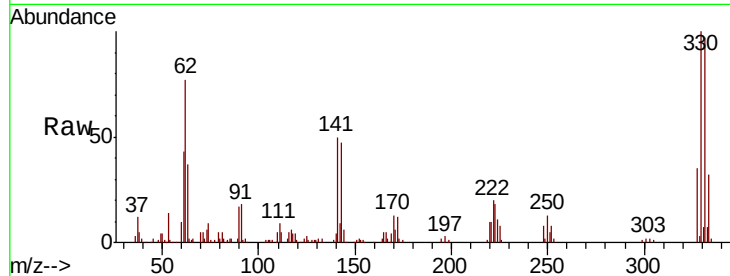




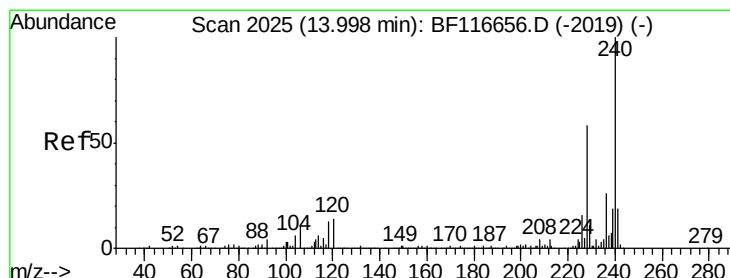
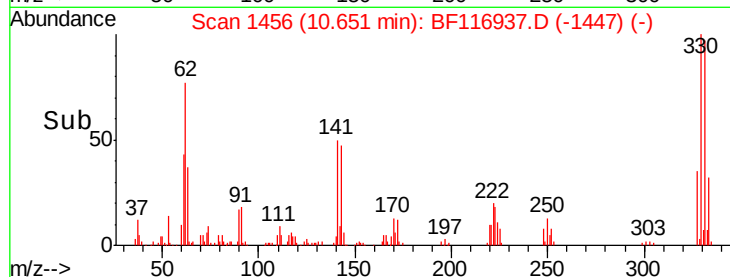
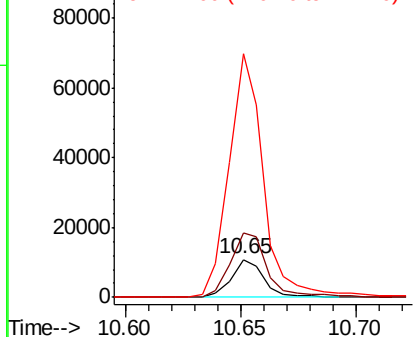
#67
4-Bromophenyl-phenylether
Concen: 3.729 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10626
Ion Ratio Lower Upper
248 100
250 168.8 77.8 116.8#
141 641.1 75.9 113.9#

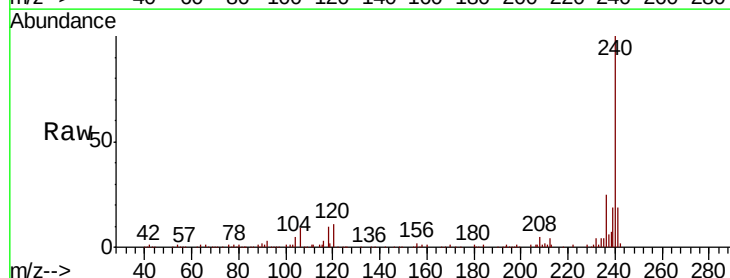


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

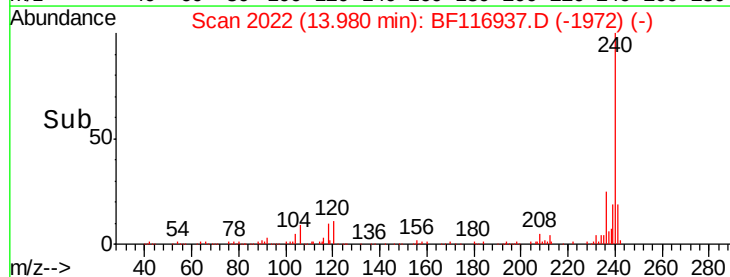
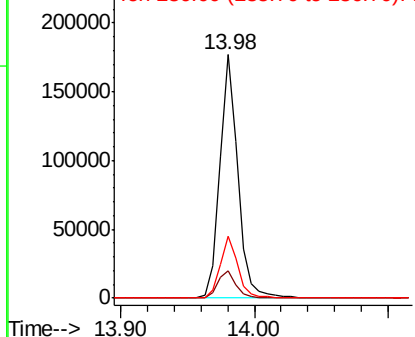


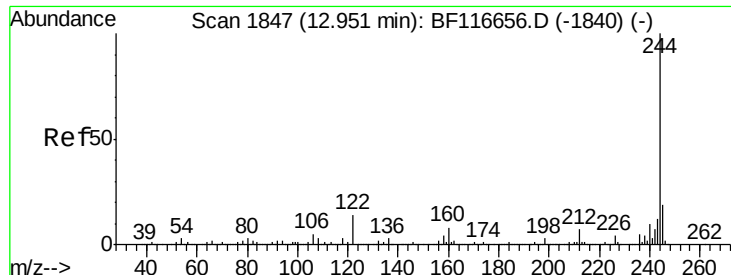
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116937.D
Acq: 10 Sep 2019 22:28

Tgt Ion:240 Resp: 169025
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.2 21.1 31.7



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

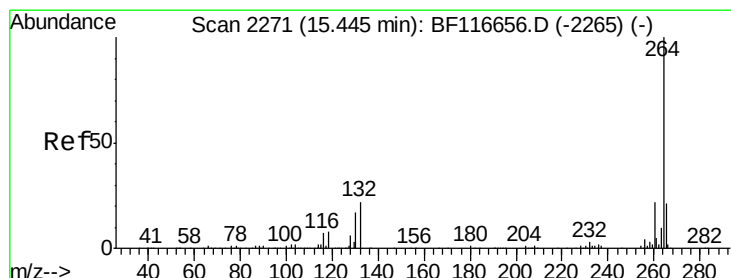
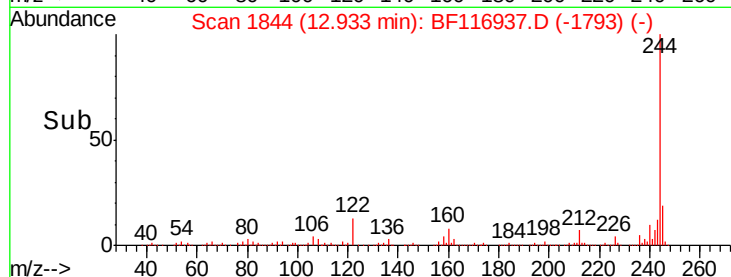
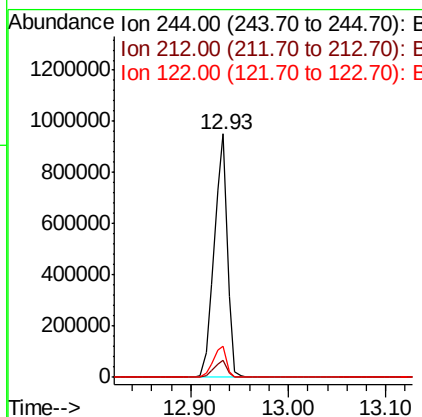
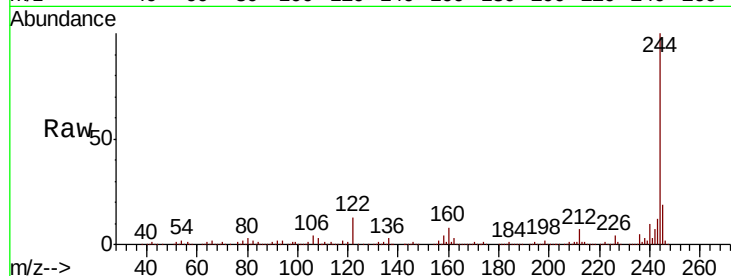




#79
 Terphenyl-d14
 Concen: 96.982 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116937.D
 Acq: 10 Sep 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 886100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.8 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116937.D
 Acq: 10 Sep 2019 22:28

Tgt Ion:264 Resp: 170418
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 21.3 16.5 24.7

